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NUMBER 6**

STORM DATA

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



noaa

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

Cover: A menacing wall of dust advances southwest toward Brownfield, Texas, at 15:55 CST on June 22nd. The severe dust storm created hazardous conditions over five counties of the west Texas South Plains, and resulted in a series of chain-collision accidents along a U.S. highway. (Photo courtesy: Dennis Dean, Brownfield, Texas.)

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STORM DATA

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

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

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

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

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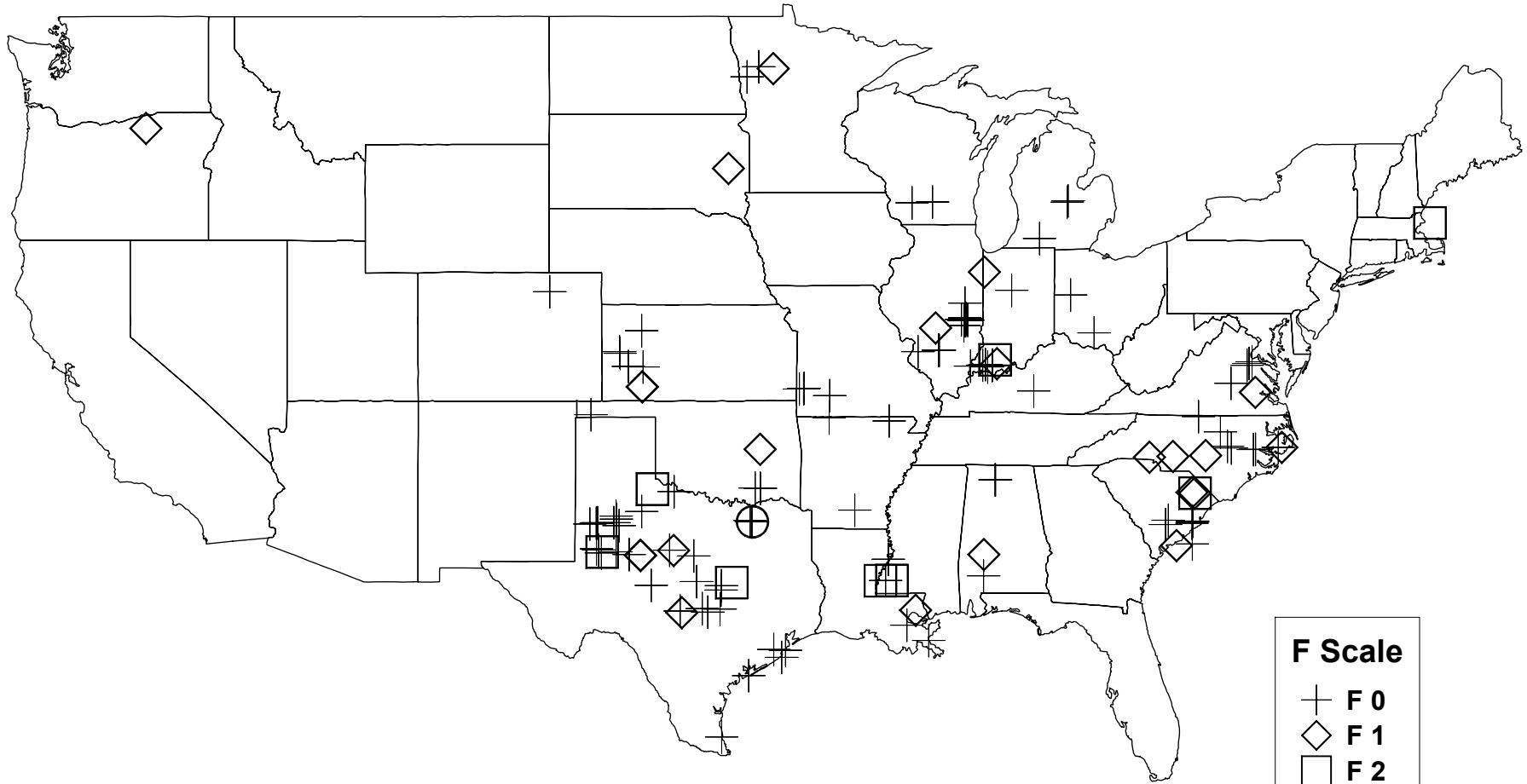
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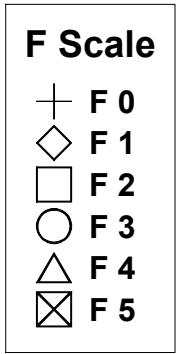
Thomas R. Karl
Director,
National Climatic Data Center

June 2006 Confirmed Tornadoes



3

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	106	23	8	1	0	0	139



OUTSTANDING STORMS OF THE MONTH

Dust Storm on the West Texas South Plains

An unusually intense dust storm affected the South Plains of west Texas during the afternoon hours of June 22, 2006. A five county area southwest of Lubbock experienced hazardous blowing dust conditions that contributed to twelve chain-collision automobile accidents and destroyed vast cotton crops. An elderly man was killed in a multi-vehicle collision, numerous motorists were injured, and total property losses were estimated to exceed \$2.1 million dollars.

The dust storm was a classic example of the haboob phenomenon, commonly observed in the deserts of Africa, and less frequent in the arid regions of the southwestern U.S. The South Plains haboob was associated with outflow from a complex of severe thunderstorms, and was characterized by a visually dramatic and densely whirling wall of dust as it progressed southwestward up to seventy miles from its source region. Wind speeds that accompanied the dust storm were generally sustained in the 30 mph range, with a few gusts over 50 mph.

Visibilities were reduced to near zero along U.S. Highway 62/82 as the dust storm enveloped a portion of that route from Lubbock to Brownfield between 15:00 and 16:00 CST. Twelve separate vehicle accidents were attributed to low visibilities in blowing dust over a ten mile stretch, and involved at least twenty-seven vehicles including motorcycles and several large trucks. A 71 year old gentleman was killed when his vehicle slammed into the back of a jack-knifed tractor-trailer at highway speeds. Another fifteen motorists were injured in the life-threatening travel conditions.

The impacts of the west Texas South Plains dust storm was additionally felt in the region's agricultural market. Local and state officials report at least 10,000 acres of cotton were "burned" during the event, equating to a loss of over \$1.5 million. Experts say the wind-driven dust stripped leaves from the young cotton plants which were already struggling to emerge due to drought-related stress.



Left: A storm chaser photographed "brown-out" conditions as a haboob impacted Brownfield, Texas, at approximately 16:00 CST on June 22. (Photo courtesy: David Drummond at WX5TVS/KCBD-TV Lubbock, Texas.)

A Prolific Flooding Event in the Washington, DC and Baltimore, MD Region

Tropical air surged northwest from the Atlantic Ocean as a stationary front located over the Mid-Atlantic remained over the area between June 23 and June 27, 2006. The result was nearly five days of showers and thunderstorms across the Washington/Baltimore Region. Due to the tropical nature of the airmass, exceptionally heavy rain occurred in short periods of time. The high rain rates combined with scattered thunderstorms, which in a few cases reformed over the same areas, producing exceptionally heavy rainfall.

The entire region, from the Allegany Front and Potomac Highlands of the Appalachian Mountains, east to the Chesapeake Bay, had at least two inches of rainfall during this period. Five to ten inches was fairly common all across the Washington Metro Area. While Baltimore did not have quite as much rainfall as Washington, it was still excessive. Many of the Baltimore suburbs had more rain than either the Inner Harbor or Baltimore/Washington International Airport reporting stations. Eastern portions of the city had over 10 inches of rainfall during the period June 23 through June 27.

However, many places that experienced reforming and training thunderstorms had over ten inches of rainfall. The Delmarva had enhanced thunderstorm-induced rainfall conditions on June 24 and June 25th. Places like Federalsburg, Maryland had to be evacuated when over ten inches fell in only 24 hours. Washington DC and Columbia, Maryland had similar conditions on June 25th, when seven to ten inches of rain fell in only 24 hours. Northeast Maryland, just east and northeast of Baltimore, experienced extreme rainfall on June 25th, when seven to ten inches of rain fell in only 24 hours. One of the highest rainfall totals in the entire region was at North Bel Air, MD, just north of Baltimore, which had nearly 12 inches. Another maximum rainfall area was just west of Baltimore in the Laurel and Mount Airy areas, with around 10 inches.

Washington DC had several federal buildings closed, a mudslide occurred over the Capital Beltway, dozens of roads were closed, and cars were swept from parking garages and streets. Many swift water rescues were needed and dozens of buildings and homes were damaged and uninhabitable. Unfortunately, five people lost their lives to the ravages of flood waters during this flooding event.

New Washington National Airport records:

24 hour rainfall record: 7.94 inches
Record rainfall for one week: 11.20 inches
Record rainfall for a 2 day period: 9.41 inches
Daily rainfall record for Sunday, June 25: 5.19 inches
Daily rainfall record for Monday, June 26: 4.22 inches
First time more than four inches of rain fell on two consecutive days
Record rainfall for June: 14.02 inches

New Baltimore records at Baltimore/Washington International Airport:

Daily rainfall record for Sunday, June 25: 2.75 inches

Few of Baltimore's official excessive precipitation records were exceeded by this event. These records were firmly set in August 1955, due to the remnants of Hurricanes Connie and Diane.



The photos are from Rock Creek Park in Washington, DC. These photos show displaced cars and extensive damages to roads, buildings, and other park areas. (All photos courtesy: National Park Service, Rock Creek Park staff.)



Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>ALABAMA, Central</u>									
Marion County 1 W Hamilton	01	1645CST			0	0	3K		Thunderstorm Wind (G50)
			4 to 5 trees down just west and northwest of Hamilton.						
Lamar County Vernon	02	1328CST			0	0			Hail (0.75)
Shelby County Helena	12	1405CST			0	0	50K		Lightning
Shelby County Helena	12	1445CST			0	0	100K		Lightning
			A total of three houses caught fire, due to lightning strikes.						
Shelby County Vincent	12	2346CST			0	0			Hail (0.88)
Cleburne County 10 W Ranburne	20	1605CST			0	0	3K		Thunderstorm Wind (G50)
			Several trees were reported down in the Abel Community.						
Randolph County Woodland	20	1635CST			0	0	2K		Thunderstorm Wind (G50)
			A few small trees were blown down.						
Barbour County Clayton	21	1435CST			0	0	12K		Thunderstorm Wind (G55)
			Trees were blown down. Tin roof of three trailers at Ventress Correctional Facility were peeled off.						
Tallapoosa County Daviston	21	1435CST			0	0	2K		Thunderstorm Wind (G50)
			Trees blown down.						
Lamar County 2 E Millport	21	1841CST			0	0	2K		Thunderstorm Wind (G50)
			Trees blown down.						
Coosa County 1 W Rockford	22	1427CST			0	0			Hail (0.88)
			Reported on Highway 22.						
Cleburne County Heflin	22	1520CST			0	0			Hail (0.75)
Cherokee County 14.3 SE Centre	22	1555CST			0	0	5K		Thunderstorm Wind (G50)
			Trees and power lines were blown down in the Spring Garden Community.						
Cleburne County Borden Spgs	22	1600CST			0	0	3K		Thunderstorm Wind (G50)
			Several trees were blown down.						
Cherokee County 5 ESE Peasant Gap	22	1604CST			0	0	5K		Thunderstorm Wind (G50)
			Trees and power lines were blown down on Highway 278, near the Alabama/Georgia state line.						
Calhoun County Piedmont	22	1605CST			0	0			Hail (0.88)
Talladega County 1 N Munford	22	1605CST			0	0	5K		Thunderstorm Wind (G50)
			Two trees were snapped off, and one tree was uprooted, on AL-21 on the north end of Munford.						
Calhoun County White Plains	22	1607CST			0	0	3K		Thunderstorm Wind (G50)
			Trees were blown down.						
Cherokee County 6.2 SW Centre	22	1625CST			0	0			Hail (0.88)
			Reported in the Pollard Bend Community.						
Jefferson County Irondale	22	1845CST			0	0			Hail (1.00)
Bibb County Lawley	22	1945CST			0	0	10K		Thunderstorm Wind (G50)
			Trees were blown down near Lawley Post Office. A tree was blown down on a house on Oakley Station Road.						

Storm Data and Unusual Weather Phenomena

June 2006

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, Central</u>									
Marion County									
3.5 WNW Hamilton	23	1020CST			0	0	10K		Thunderstorm Wind (G50)
									Trees were blown down onto a house, 1 mile north of Weston on CR-25.
Etowah County									
Gadsden	23	1320CST			0	0			Hail (0.88)
									Numerous reports around the city.
Blount County									
Blountsville	23	1325CST 1505CST			0	0	10K		Thunderstorm Wind (G55)
									Numerous trees were blown down from Blountsville to Cleveland.
Etowah County									
Glencoe	23	1424CST			0	0			Hail (0.75)
Jefferson County									
Birmingham	23	1430CST			0	0	5K		Thunderstorm Wind (G50)
									Wind damage was reported at Crestwood and 48th, in Birmingham.
Cherokee County									
Centre	23	1450CST			0	0	10K		Thunderstorm Wind (G50)
									Numerous trees were blown down across the southern sections of the county.
Cherokee County									
Forney	23	1505CST			0	0			Hail (0.75)
Randolph County									
Roanoke	23	1710CST			0	0	20K		Thunderstorm Wind (G55)
									Numerous trees and power lines were blown down. The windows of a downtown building were blown out, and a plywood wall of a theater were blown out.
Sumter County									
2 SW Epes	24	1400CST			0	0	10K		Lightning
									A vehicle was struck by lightning while traveling near mile marker 21 on Interstate 20/59. Although the vehicle was completely disabled by the strike, the occupants were not harmed.
Clay County									
1 S Delta	30	1755CST			0	0			Hail (1.00)
Tallapoosa County									
3 NE Alexander City	30	2025CST			0	0	25K		Thunderstorm Wind (G50)
									A tree was blown down and fell on a house, along Highway 22 between Alex City and New Site.
Tallapoosa County									
Alexander City	30	2025CST			0	0	50K		Thunderstorm Wind (G50)
									Three trees were blown down onto houses in Alex City.
<u>ALABAMA, North</u>									
Lawrence County									
3 NW Mt Hope	01	1330CST			0	0			Thunderstorm Wind (G50)
									A tree was blown down just east of the Lawrence-Franklin County line near County Road 339.
Limestone County									
Athens	01	1330CST			0	0			Thunderstorm Wind (G50)
									A tree was blown down.
Limestone County									
Elkmont	01	1330CST			0	0			Thunderstorm Wind (G50)
									A few trees were blown down.
Lauderdale County									
Florence	01	1426CST			0	0			Thunderstorm Wind (G50)
									A tree was blown down.
Lawrence County									
Courtland	01	1426CST			0	0			Thunderstorm Wind (G50)
									A tree was blown down on Airbase Road.
Madison County									
4 ESE Huntsville to Huntsville	01	1620CST			0	0			Thunderstorm Wind (G58)
									A 67 mph thunderstorm wind gust was measured in Hampton Cove via a school weather station.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ALABAMA, North</u>									
Madison County 5 SE Huntsville	01	1620CST			0	0			Thunderstorm Wind (G50)
	A tree was blown down in Big Cove.								
Cullman County Baileyton	01	1640CST			0	0	15K		Thunderstorm Wind (G60)
	Downburst winds destroyed two outbuildings, heavily damaged a barn, and uprooted several trees.								
Franklin County Phil Campbell	01	1700CST			0	0			Thunderstorm Wind (G50)
	Several small trees were blown down. Several clusters of strong to severe thunderstorms developed within a moist and unstable airmass typical of early Summer. Despite weak winds aloft, instability was sufficient to enable a few of the storms to produce damaging winds. Isolated rainfall totals of around 2 inches were reported.								
Colbert County Muscle Shoals	02	1045CST			0	0			Thunderstorm Wind (G50)
	Several trees were blown down. Power outages were reported.								
Lawrence County 8 SE Moulton	02	1232CST			0	0			Thunderstorm Wind (G50)
	Multiple trees were blown down.								
Limestone County Cairo	02	1250CST			0	0			Thunderstorm Wind (G50)
	A few trees and power lines were blown down.								
Madison County 1 SSE Huntsville to 9 SE Huntsville	02	1325CST			0	0			Thunderstorm Wind (G50)
	A window screen was torn off and a large sign was twisted at a local restaurant by strong winds. Trees were blown down in spots from south Huntsville south to English Village on Hobbs Island Road.								
Morgan County Basham	02	1500CST 1600CST			0	0	200K		Lightning
	Lightning sparked a fire destroying a double-wide hilltop home on Mud Tavern Road. A pet dog perished in the fire. Time estimated by radar. Damage amount estimated. An upper level low traveled northeast through the mid South and Tennessee Valley producing strong to severe thunderstorms. These storms produced strong outflow wind gusts capable of producing damage during the late morning and afternoon hours.								
Lawrence County Moulton	04	1415CST			0	0			Thunderstorm Wind (G50)
	A tin roof was blown off of a shed. Trees were blown down across other portions of the county.								
Lauderdale County Anderson	04	1435CST			0	0			Thunderstorm Wind (G50)
	A tree and powerlines were blown down.								
Limestone County Athens	04	1450CST			0	0			Thunderstorm Wind (G50)
	A tree was blown down.								
Morgan County Decatur to Laceys Spg	04	1525CST 1540CST			0	0			Thunderstorm Wind (G50)
	Several trees were blown down across northern Morgan County. A power line was blown down in Old Decatur causing an hourlong power outage.								
Cullman County 3 W Cullman to 1 E Cullman	04	1603CST 1615CST			0	0			Thunderstorm Wind (G50)
	Numerous trees and power lines were blown down along Highway 278 from Baldwin to just east of downtown Cullman. A cold front dropping southeast through the Tennessee Valley sparked a band of strong to severe thunderstorms which produced sporadic wind damage across northwest Alabama.								
Morgan County 2 SE Priceville	16	1340CST			0	0			Dust Devil
	A dust devil picked up a camper shell, spun it, and dropped it causing it to be damaged. The wind also peeled back shingles to the plywood of a residential home. Afternoon heating produced temperature lapse rates near the earth surface steep enough to generate an intense thermal updraft resulting in a strong dust devil. Wind speeds can only be estimated, but considering the damage were up to 50 mph.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ALABAMA, North</u>									
Jackson County									
Dutton	22	1653CST			0	0			Lightning
	Lightning knocked down a tree limb which ignited a small grass fire.								
Marshall County									
3 W Douglas	22	1726CST			0	0			Hail (0.88)
	Nickel sized hail was reported in Nixon Chapel.								
Jackson County									
Skyline	22	1830CST 1840CST			0	0			Hail (1.00)
	Quarter sized hail was reported. Scattered strong to severe thunderstorms developed during the early evening hours across northeast Alabama. A few of the storms produced small to marginally severe hail and gusty winds.								
Madison County									
Meridianville	23	1322CST			0	0			Hail (0.75)
	Penny sized hail was reported.								
Madison County									
Meridianville	23	1327CST			0	0			Hail (1.75)
	Golf ball sized hail was reported.								
Madison County									
Ryland	23	1327CST			0	0			Thunderstorm Wind (G50)
	Power outages reported likely due to high winds.								
Jackson County									
Hytop	23	1450CST			0	1			Lightning
	A male was struck by lightning while working on a boat beneath an open air carport at his residence. The person experienced second and third degree burns to his chest. Other specific injury information was unavailable. The person was airlifted to a burn unit in Nashville, Tennessee for treatment. A line of strong to severe thunderstorms rolled through the Tennessee Valley along a cold front. The storms produced hail up to golf ball sized, sporadic wind damage, and a severe lightning injury to one person.								
Lawrence County									
Courtland	24	1300CST			0	0			Hail (1.75)
	Golf ball sized hail was reported. Numerous strong and isolated severe thunderstorms developed along a slow eastward advancing frontal system. Instability was sufficient for a few small hail reports and one isolated large hail report, despite weak wind shear and marginal mid level wind flow.								
Dekalb County									
3 NNE Collinsville	30	1810CST			0	0			Hail (0.88)
	Nickel sized hail was reported along Interstate 59. A weak upper level trough within a northwest flow aloft produced scattered strong to severe thunderstorms across portions of southern middle Tennessee into northeast and north central Alabama during the afternoon and early evening hours.								
<u>ALABAMA, Southeast</u>									
Houston County									
Pansey	22	1630EST 1640EST			0	0	1K		Thunderstorm Wind (G50)
	Several downed trees reported by the Houston County EMA.								
Henry County									
2 NE Abbeville	22	1750EST 1755EST			0	0	2K		Thunderstorm Wind (G55)
	The Henry County EMA reported several trees down on Highway 95.								
Geneva County									
Samson	24	1645EST			0	0	20K		Thunderstorm Wind (G50)
	The Geneva County EMA reported a few downed trees and power lines, minor roof damage to a church, and a damaged pump house.								
Geneva County									
Geneva	25	1715EST 1720EST			0	0	25K		Thunderstorm Wind (G55)
	The Geneva County EMA reported a small utility building blown over and several peanut trailers overturned.								
Houston County									
Dothan	25	1745EST 1750EST			0	0	25K		Thunderstorm Wind (G50)
	A county official reported numerous trees and power lines down throughout the city.								

Storm Data and Unusual Weather Phenomena

June 2006

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, Southeast</u>									
Dale County									
Midland City	25	1840EST 1845EST			0	0	10K		Thunderstorm Wind (G50)
The Dale County EMA reported some downed trees and power lines.									
Coffee County									
New Brockton	25	1900EST 1905EST			0	0	50K		Thunderstorm Wind (G55)
Several newly constructed walls at a high school collapsed. Reported by the Coffee County EMA.									
<u>ALABAMA, Southwest</u>									
Mobile County									
(Mob)Mobile Bates Fl	02	1435CST 1438CST			0	0			Hail (0.88)
Mobile County									
Theodore	02	1500CST			0	1			Lightning
A 24 year old male went outside to retrieve his lawn mower and trash can as a thunderstorm was approaching. A lightning strike knocked him to the ground and he passed out. When he awoke, he was on his back and rain was falling on him. The drink he had in his hand when he went to retrieve the items in the yard, was still in his hand and not a drop had spilled. His lawn had a large brown spot where the bolt hit. He was treated at the scene and refused to go to the hospital.									
Mobile County									
Mobile	02	1500CST			0	0	100K		Lightning
Two homes at different locations in west Mobile were struck by lightning within a couple of minutes of each other. Both homes were almost totally destroyed by the resulting fire that the strike caused. No one was injured at either location of the fires.									
Baldwin County									
East Portion	16	1400CST 1530CST			0	0			Flash Flood
Heavy rains from a thunderstorm caused temporary flooding across the east part of the county. Several roads had to be closed for more than an hour due to high water. An estimated six to eight inches of rain fell across the east part of the county in a two hour period.									
Mobile County									
North Portion	16	1530CST 1630CST			0	0			Flash Flood
Heavy rains from a thunderstorm caused temporary flooding across the north part of the county. Several roads had to be closed for more than an hour due to high water. An estimated six to eight inches of rain fell across the north part of the county in a two hour period.									
Mobile County									
Semmes	23	1205CST 1207CST			0	0			Hail (0.75)
Mobile County									
Semmes	23	1225CST 1227CST			0	0	10K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Semmes. Penny size hail was also reported from the storm.									
Baldwin County									
Foley	23	1245CST 1247CST			0	0			Hail (1.75)
Golfball hail was reported falling from a thunderstorm near Foley. No reports of damage were received as the hail fell mostly over open fields.									
Baldwin County									
Gulf Shrs	23	1250CST 1252CST			0	0	10K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down trees and power lines near Gulf Shores.									
Baldwin County									
Foley	23	1305CST 1306CST			0	0			Funnel Cloud
Mobile County									
St Elmo to Grand Bay	23	1310CST 1320CST			0	0	15K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down trees and power lines between St Elmo and Grand Bay.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Baldwin County

Gulf Shrs	23	1325CST 1327CST			0	0	20K		Thunderstorm Wind (G50)
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High winds from a thunderstorms blew down trees and damaged some travel trailers at Gulf Shores State Park. No injuries were reported.

Mobile County

2 W (Mob)Mobile Batt	25	1500CST 1502CST			0	0	10K		Thunderstorm Wind (G50)
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High winds from a thunderstorm blew down several trees west of the Mobile Regional Airport.

ALASKA, Northern

AKZ221

Wrn Tanana Vly			Wrn Yukon Vly		0	0	325K		Wildfire
	08	1200AST							
	22	1200AST							

A wildfire began from an out-of-control burn pile on June 7. The Parks Highway was totally closed on a few occasions and otherwise had reduced speed through the fire area. The Alaska Railroad was closed at times between the 8th and 11th. Power was down in Nenana and Anderson on occasion during the 10th and 11th. Voluntary evacuation of Nenana residents was begun late on the 9th and ended on the 12th. Two homes on the south end of Nenana, two cabins and 10 outbuildings or sheds were destroyed by the fire. Damage estimated at \$150,000 per home, \$10,000 per cabin and \$500 per shed. Rain over the area in late June and early July halted fire growth, though slow increase occurred in late July. Acres burned in June were around 115,000. On June 19 the Alaska Railroad resumed normal operations and highway speed restrictions were lifted. At the height of the suppression effort around June 18 there were 562 personnel assigned to the fire.

Middle Tanana Valley

Two Rivers	18	1600AST 1605AST			0	0			Lightning
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Lightning is attributed to causing fire that destroyed a home under construction at 17 mile Chena Hot Springs Road. No one was present at the house during the fire. The home's value was estimated at \$250,000, a damage loss that is indirect.

Upr Tanana Vly

Fortymile

Central Portion	22	2100AST			0	0			Flood
	24	0900AST							

Ne. Slopes Of The

Ern Ak Rng

Central Portion	23	1300AST			0	0			Flood
	24	1415AST							

Deltana And Tanana

Salcha	24	0200AST			0	0			Flood
	25	0800AST							

Middle Tanana Valley

Fairbanks	24	1200AST 2359AST			0	0			Flood
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Heavy rains over the Richardson Highway on the night of the 22nd and the 23rd created flood conditions on various rivers and streams.

The heavy rains resulted from a number of thunderstorms forming over time and moving south over the same region of this zone. Rainfall amounts ranged from 2.73 inches at Delta Junction to around 5.0 inches at Trimms Camp (Alaska Department of Transportation Maintenance Station)

Zone 222 - Water from the Tanana River flowed into Piledriver Slough in Salcha but the slough did not flood.

Zone 223 and 224 - Flooding of the Salcha River occurred with the gage at the Richardson Highway bridge reaching 1.01 ft above the flood stage of 14.0 feet. Impacts on cabins along the Salcha River are unknown.

Zone 226 - Ruby Creek flooded and washed out the Richardson Highway at mile 234.7. The road was closed to traffic for approximately 24 hours. Monetary amount of damage unknown.

ALASKA, Southeast

NOT RECEIVED.

ALASKA, Southern

AKZ101-125

Anchorage Muni To Bird Creek - Wrn P.W. Snd & Kenai Mtns					0	0			High Wind (G82)
	09	1100AST							
		1350AST							

A strong front moved to the Kenai Peninsula producing the typical strong wind through Portage Valley and along Turnagain Arm.

Storm Data and Unusual Weather Phenomena

June 2006

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

AMERICAN SAMOA

NONE REPORTED.

ARIZONA, Central and Northeast

AZZ037	Yavapai County Valleys And Basins				0	0			Wildfire
	01	1430MST							
	07	1800MST							
	The La Barranca Fire started Thursday, June 1, 2006 at around 1:50 PM about 3 miles east of the Village of Oak Creek. The fire was human caused by a fence company that was grinding on a metal fence post on private property. The fire burned 836 acres through grass, brush, and pinyon-juniper woodland. The estimated fire fighting cost was \$1,200,000. The damage included: 1 primary residence lost, 1 partially-damaged residence, 1 guest house/shop destroyed, 3 outbuildings destroyed. There were 158 structures saved.								
Navajo County Winslow Arpt	07	1915MST			0	0			Thunderstorm Wind (G50)
	A thunderstorm gust front produced a 58 MPH wind gust at the Winslow Airport.								
Coconino County Leupp	08	1218MST			0	0			Funnel Cloud
	A funnel cloud was seen near Leupp.								
Navajo County Keams Canyon	08	1225MST			0	0			Hail (1.00)
	One inch diameter hail fell in Keams Canyon.								
Coconino County Leupp	08	1245MST			0	0			Funnel Cloud
	A second funnel cloud was seen near the town of Leupp.								
AZZ015	Western Mogollon Rim				0	0			Wildfire
	15	1600MST							
		2200MST							
	The Woody Fire was caused by a moving car trailer with a flat tire at about 4 PM. The fire started along I-40 about 3/4 of a mile west of Woody Mountain Road on the western edge of Flagstaff. There was a Red Flag Warning in effect at the time. The fire quickly spread through about 150 acres of pine forest. No homes or structures were damaged by the fire. Several subdivisions were threatened and evacuated. Several power poles were burned which caused power outages and damage to the local electrical substation. Power went out for 1,200 customers for the rest of the night. The fire stopped spreading by about 1000 PM.								
Coconino County Williams Muni Arpt	24	1500MST			0	0			Thunderstorm Wind (G72)
	A thunderstorm with microburst hit the Williams Airport with 72KT wind gusts.								
Yavapai County Chino Vly	24	1705MST			0	0			Thunderstorm Wind (G59)
	A thunderstorm produced wind gusts to 59 KTS (68 MPH) in Chino Valley.								
Yavapai County Black Canyon City	26	1730MST			0	0			Thunderstorm Wind (G50)
	A thunderstorm with wind gusts between 55 and 60 MPH hit Black Canyon City. The thunderstorm knocked down a power pole.								
AZZ013	Little Colorado River Valley In Navajo County				0	0			Dust Storm
	27	1515MST							
		1545MST							
	A dust storm reduced the visibility to 150 meters on I-40 between exit 260 and 270 for about half an hour.								
Navajo County Jack Rabbit	27	1530MST			0	0			Funnel Cloud
		1537MST							
	A funnel cloud was reported by Navajo County Police near Jack Rabbit along I-40 (Exit 257).								
<u>ARIZONA, Northwest</u>									
Mohave County Bullhead City	25	1800MST			0	0			Thunderstorm Wind (G52)
	Also blowing dust and sand.								
Mohave County 16 SSE Peach Spgs	25	1830MST			0	0			Thunderstorm Wind (G57)
		1915MST							
	With higher gusts. One shelter destroyed, and one large tree blown down.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARIZONA, Northwest									
Mohave County									
13 ENE Kingman	27	1810MST 1830MST			0	0			Flash Flood
Flash flooding in the Peacock Mountains.									
ARIZONA, South									
Pima County									
10 ESE Tucson	02	1430MST 1435MST			0	0	90K		Thunderstorm Wind (G55)
A dry microburst caused 7 power poles to snap and damaged 2 others forcing a dozen homes to be evacuated as power lines draped across them. No one was injured and there was minimal damage to the homes.									
AZZ029-033									
Southeast Pinal County - Tucson Metro/Marana/Green Valley									
	02	1530MST 1600MST			0	0			Dust Storm
Two separate traffic accidents occurred during a thunderstorm induced dust storm. The westbound lanes of Interstate 10 were closed at the Trico-Marana Road exit due to a fatal collision (indirect). Meanwhile, another non-major injury collision near Red Rock caused the eastbound lanes of Interstate 10 to be closed.									
Pima County									
2 SSE Tucson to 10 N Tucson	03	1845MST 1915MST			0	0	300K		Thunderstorm Wind (G50)
A thunderstorm complex developed over the city of Tucson knocking down and damaging power poles in three separate locations. The storm also produced blowing dust reducing visibility to near zero in many locations. Approximately 30 power poles were damaged or snapped causing more than 24,000 customers to lose power. Fortunately, there were no major injuries reported.									
Pima County									
5 S Tucson to 24 NW Tucson	06	1513MST 1650MST			0	0	105K		Thunderstorm Wind (G52)
Pima County									
Marana	06	1540MST 1543MST			0	0			Hail (1.75)
A series of thunderstorms marched across the greater Tucson metropolitan area knocking down power poles, producing golf ball sized hail and creating blowing dust. Approximately 10 power poles fell in 5 different locations damaging two vehicles and closing a portion of Interstate 10. Neither the large hail nor the reduced visibility from blowing dust sparked any reports of injury or damage.									
Cochise County									
Sierra Vista	21	1338MST 1350MST			0	0			Hail (0.75)
Cochise County									
5 SSE Sierra Vista	21	1430MST 1500MST			0	0	25K		Flash Flood
Heavy rain from a thunderstorm caused La Terraza Wash to quickly flood forcing rip-rap into the roadway. A trained weather spotter measured 1.76 inches of rain in less than one and one half hours.									
Cochise County									
5 ENE Sierra Vista	21	1555MST 1700MST			0	0			Flash Flood
Heavy rain from a thunderstorm caused Moson Road to quickly flood forcing officials to close the road.									
AZZ035									
Cochise County									
	21	1706MST 1738MST			0	0			Dust Storm
Two separate traffic accidents occurred during a thunderstorm induced dust storm. Near mile post 363 along westbound Interstate 10, close to Bowie, AZ, a multiple vehicle pileup left 2 people dead (indirect) and at least 7 injured (indirect). At the same time in the same area along eastbound Interstate 10 another collision occurred leaving at least two people injured (indirect).									
AZZ035									
Cochise County									
	25	1600MST 1800MST			0	0			Dust Storm
Interstate 10 near the Arizona-New Mexico border was closed for approximately two hours due to strong wind and reduced visibility in blowing dust. Also, an injury (indirect) accident occurred 20 miles east of Willcox, AZ.									
Pima County									
3 S Tucson	25	1800MST 1815MST			0	0	25K		Thunderstorm Wind (G50)
A thunderstorm outflow caused power lines to be knocked down leaving about 2600 homes without power.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>ARIZONA, South</u>							
Pima County							
Ajo	27	1900MST 1915MST			0 0	75K	Thunderstorm Wind (G50)
A thunderstorm outflow caused power lines to be knocked down leaving the entire town of Ajo without power.							
Pima County							
6 SSE Tucson	29	1900MST 1915MST			0 0	3.5K	Thunderstorm Wind (G50)
A thunderstorm outflow caused damage to paneling of a mobile and adjacent fencing.							
<u>ARIZONA, Southwest</u>							
AZZ023-028							
Greater Phoenix Area - Central Deserts							
	06	1645MST 1830MST			0 0		Dust Storm
High winds resulted in areas of dense blowing dust. Visibility was reduced to less than a quarter mile in many areas of Phoenix and the East Valley.							
Pinal County							
11 E Casa Grande	06	1700MST			0 0	100K	Thunderstorm Wind (G60)
Roof damage reported in the Tierra Grande subdivision.							
Pinal County							
6 W Stanfield	06	1715MST			0 0		Hail (0.75)
Maricopa County							
Tempe to Phoenix	07	1705MST 1759MST			0 0	300K	Thunderstorm Wind (G50)
Winds associated with thunderstorms uprooted trees and brought down power lines to parts of the Phoenix metropolitan area. About 6,000 SRP customers were without power in the Gilbert area. Dense blowing dust also resulted in very low visibility, delaying flights at Sky Harbor airport.							
AZZ028							
Central Deserts							
	24	1820MST 2000MST			0 0		Dust Storm
Dense blowing dust and visibility as low as 50 feet reported between Arizona City and Florence.							
Pinal County							
15 NW Florence	25	1525MST			0 0	30K	Thunderstorm Wind (G60)
Power poles and lines down near Johnson Ranch.							
Maricopa County							
Scottsdale	25	1715MST 1740MST			0 0	50K	Thunderstorm Wind (G57)
Strong winds from nearby thunderstorms damaged traffic signals in Scottsdale.							
AZZ023							
Greater Phoenix Area							
	25	1740MST 1840MST			0 0		Dust Storm
Dense blowing dust spread across the East Valley. One spotter reported less than 200 feet visibility.							
AZZ023							
Greater Phoenix Area							
	27	1730MST 1800MST			0 0		Dust Storm
Near zero visibility at Interstate 10 and Litchfield Road.							
AZZ028							
Central Deserts							
	29	1700MST 1745MST			0 0		Dust Storm
Near zero visibility due to dense blowing dust between Florence and Coolidge.							
Maricopa County							
Mesa to Mesa Falcon Arpt	30	1949MST 2015MST			0 0	100K	Thunderstorm Wind (G51)
Power poles downed by high winds which reached as high as 59 mph at Falcon Field. About 16,000 homes were without power at the height of the storm. Dense blowing dust, with zero visibility was reported on the Superstition Freeway.							
Pinal County							
Apache Jct	30	2010MST			0 0	20K	Thunderstorm Wind (G60)
Several power poles brought down by high winds.							
<u>ARKANSAS, Central and North Central</u>							
Scott County							
Bates	05	0915CST			0 0		Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

Faulkner County

Guy	22	1555CST			0	0			Thunderstorm Wind (G68)
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In the picture: A severe thunderstorm over northern Faulkner County as seen from Russellville (Pope County) around 4:30 pm CDT on 06/22/2006.

Thunderstorm winds downed trees and power lines. Several homes and businesses sustained roof damage, with shingles and awnings torn off.

Drew County Cominto

	23	1600CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds downed some large tree limbs and power lines.

Desha County 1 SE Kelso

	23	1800CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds blew down several trees.

Cleveland County Rison

	25	1224CST			0	0			Thunderstorm Wind (G50)
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A large tree was blown down onto a power line.

Lonoke County 3 E Cabot

	25	1315CST			0	0			Hail (0.75)
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ARKANSAS, East

Mississippi County Blytheville

	11	1057CST			0	0	0.01K		Thunderstorm Wind (G54)
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Mississippi County Victoria

	11	1950CST			0	1	0.01K		Lightning
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A man was injured when he was struck by lightning near Victoria. He was taken to the hospital and the extent of his injuries was unknown.

Mississippi County 4 S Blytheville

	11	2027CST 2030CST			0	0	1K		Hail (0.75)
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Lawrence County Lauratown

	16	1830CST 1835CST			0	0	5K		Thunderstorm Wind (G50)
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Straight line winds knocked down power lines and poles near Lauratown. A shed was also blown over.

Greene County 5 E Marmaduke to 2 E Marmaduke

	22	1805CST 1810CST			0	0	1K		Thunderstorm Wind (G50)
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A few trees were knocked down 2 to 5 miles east of Marmaduke.

Storm Data and Unusual Weather Phenomena

June 2006

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, Northwest</u>									
Sebastian County									
Barling	12	1340CST			0	0			Thunderstorm Wind (G52)
Strong thunderstorm wind blew down trees.									
Franklin County									
2 N Toney	12	1408CST			0	0			Hail (1.00)
Quarter size hail covered portions of Interstate 20.									
<u>ARKANSAS, Southeast</u>									
NONE REPORTED.									
<u>ARKANSAS, Southwest</u>									
Little River County									
Foreman	06	1605CST			0	0			Hail (0.75)
Little River County									
Foreman	06	1615CST			0	0			Hail (0.88)
Howard County									
3 N Nashville	12	1555CST			0	0			Hail (0.75)
Hail fell between Nashville and Corinth.									
Hempstead County									
Bingen	12	1610CST			0	0			Hail (0.75)
<u>ATLANTIC OCEAN</u>									
Chesapeake Bay									
Pooles Is To Sandy Pt									
Md									
Millers Island to Tolchester Beach	01	1902EST 1918EST			0	0			Marine Tstm Wind
Chesapeake Bay									
Sandy Pt To N Beach									
Md									
5 SE Annapolis	01	2109EST			0	0			Marine Tstm Wind
Wind gust measured at Thomas Point Light.									
A trough of low pressure was draped across the Mid Atlantic on June 1. This feature combined with high moisture content and instability in the atmosphere to promote scattered strong to severe thunderstorms. The thunderstorms first developed across the higher terrain of the Appalachian Mountains, then moved east across the Washington/Baltimore corridor.									
De Bay Waters S Of E									
Pt Nj To Slaughter									
Beach De									
12 NE Slaughter Beach	01	2030EST			0	0	0	0	Marine Tstm Wind
A peak thunderstorm wind gust of 45 knots was recorded at Brandywine Shoal Light at 9:30 PM EDT on June 1st, for the lower portion of Delaware Bay.									
Chesapeake Bay									
Drum Pt To Smith Pt									
Va									
Solomons Island	02	1754EST 1812EST			0	0			Marine Tstm Wind
Tidal Potomac Indian									
Hd To Cobb Is Md									
Dahlgren	02	1756EST			0	0			Marine Tstm Wind
Wind gust was measured at Cuckold Creek.									
Chesapeake Bay N									
Beach To Drum Pt									
Md									
Cove Pt	02	1800EST 1820EST			0	0			Marine Tstm Wind
Chesapeake Bay									
Sandy Pt To N Beach									
Md									
5 SE Annapolis	02	1858EST 1901EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ATLANTIC OCEAN</u>									
Tidal Potomac Cobb Is Md To Smith Pt Va									
Piney Pt to Lewisetta	04	1554EST 1700EST			0	0			Marine Tstm Wind
Chesapeake Bay Drum Pt To Smith Pt Va									
Patuxent River Nas to Smith Island	04	1605EST 1700EST			0	0			Marine Tstm Wind
Tidal Potomac Key Bridge To Indian Hd Md									
Rnld Reagan Natl Arpt	09	1453EST			0	0			Marine Tstm Wind
Chesapeake Bay N Beach To Drum Pt Md									
Cove Pt	09	1630EST 1700EST			0	0			Marine Tstm Wind
Tidal Potomac Key Bridge To Indian Hd Md									
Rnld Reagan Natl Arpt	09	1751EST			0	0			Marine Tstm Wind
Daytime heating combined with an unstable lower atmosphere and favorable amounts of moisture contributed to scattered afternoon and evening thunderstorms. A few of these storms reached severe limits with large hail and damaging wind gusts.									
Chesapeake Bay N Of Pooles Is Md									
6 NW Pooles Island	19	1549EST			0	0			Marine Tstm Wind
Tidal Potomac Key Bridge To Indian Hd Md									
7 E Wdrow Wlson Mei	19	1559EST			0	0			Marine Tstm Wind
55 Knot wind gust measured at Andrews Airforce Base.									
Tidal Potomac Key Bridge To Indian Hd Md									
7 E Wdrow Wlson Mei	19	1735EST			0	0			Marine Tstm Wind
39 Knot wind gust measured at Andrews Airforce Base.									
Chesapeake Bay Sandy Pt To N Beach Md									
5 SE Annapolis to 4 S Stevensville	19	1818EST 1831EST			0	0			Marine Tstm Wind
35 Knot wind gust measured at Thomas Point Lighthouse, and a 40 knot wind gust measured at Kent Island.									
A strong cold front moved from the Ohio Valley in the early morning of June 19, then across the Mid Atlantic during the late afternoon and evening. This cold front fired strong to severe thunderstorms as it encountered an atmosphere that was rich in moisture and very unstable. In addition to numerous occurrences of damaging wind gusts of around 60 mph across the Baltimore-Washington corridor, there were also several instances of flash flooding. Numerous cars were stuck in flooded roadways across both Northern Virginia and Central and Southern Maryland. Strong winds also occurred on the tidal waters of the Potomac River and Maryland portion of the Chesapeake Bay.									
Chincoteague To Parramore Is Va Out 20Nm									
Chincoteague to Paramore Island	23	1306EST			0	0			Marine Tstm Wind
Wind gust of 42 knots measured at WAL.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Chesapeake Bay New Pt Comfort To Cp

Henry Va

New Point Comfort to Cape Henry	23	1600EST			0	0			Marine Tstm Wind
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Wind gust of 48 knots measured at the Chesapeake Bay Bridge Tunnel.

Chesapeake Bay Pooles Is To Sandy Pt Md

3 N Riviera Beach	27	1224EST			0	0			Marine Tstm Wind
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Wind estimated near Francis Scott Key Bridge in Baltimore.

Chesapeake Bay Sandy Pt To N Beach Md

5 SE Annapolis	27	1531EST			0	0			Marine Tstm Wind
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Wind estimated based on reports from Thomas Point Lighthouse.

Tidal Potomac Cobb Is Md To Smith Pt Va

Coltons Pt	27	1700EST			0	0			Waterspout
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A waterspout moved across the Tidal Potomac River and moved onshore at Chaptico.

Chesapeake Bay New Pt Comfort To Cp

Henry Va

New Point Comfort to Cape Henry	27	2124EST			0	0			Marine Tstm Wind
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Wind gust of 41 knots measured at the Chesapeake Bay Bridge Tunnel.

Chesapeake Bay New Pt Comfort To Cp

Henry Va

Kiptopeke	27	2212EST			0	0			Marine Tstm Wind
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Wind gust of 46 knots measured at Kiptopeke.

New York Harbor

Bayonne Bridge	29	1755EST			0	0			Marine Tstm Wind
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CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

CAZ015

Northern Sacramento Valley

23	0000PST			0	0			Excessive Heat
26	2359PST							

A period of seasonally hot weather affected the Northern Sacramento Valley and several new records were set.

At Redding Airport, four new daily maximum temperature records were set.

- On June 23rd, the temperature reached 111 degrees. The previous daily record was 109 degrees set in 1925.
- On June 24th, the temperature reached 114 degrees. The previous daily record was 113 degrees set in 1925.
- On June 25th, the temperature reached 117 degrees. The previous daily record was 112 degrees set in 1925.
- On June 26th, the temperature reached 113 degrees. The previous daily record was 112 degrees set in 1925.

At Red Bluff Municipal Airport, three new daily maximum temperature records were set.

- On June 23rd, the temperature reached 112 degrees. The previous daily record was 108 degrees set in 1925.
- On June 24th, the temperature reached 115 degrees. The previous daily record was 113 degrees set in 1977.
- On June 25th, the temperature reached 117 degrees. The previous daily record was 113 degrees set in 1925.

In addition to the new daily records, new monthly maximum temperature records were set.

- In Redding, the temperature reached 117 degrees on June 25th. This broke the previous record of 114 degrees set one day earlier on June 24th.

- In Red Bluff, the temperature reached 117 degrees on June 25th. This broke the previous record of 115 degrees set one day earlier

Storm Data and Unusual Weather Phenomena

June 2006

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

CALIFORNIA, North Central

on June 24th.

CALIFORNIA, Northeast

NONE REPORTED.

CALIFORNIA, Northwest

NONE REPORTED.

CALIFORNIA, South Central

CAZ093

S Sierra Foothills

04 1500PST

0 0

Wildfire

05 1700PST

The Auberry Fire 9 miles north of Clovis in the Fresno County portion of the Southern Sierra Foothills was of unknown origin and burned approximately 400 acres before being contained. There were no injuries nor were there any structures lost. The cost to battle the fire was \$500K.

CAZ099

Se Kern Cty Desert

14 2230PST

0 0 0.50K

Strong Wind

2359PST

"Howling wind" late in the evening of the 14th just in the vicinity of California City in the Mojave Desert. Some areas of blowing dust making driving difficult due to restricted visibility as well as difficulty in handling vehicles because of the crosswind. The gusty wind appeared to be localized and emanating from the Tehachapi Pass.

CAZ089>092-098>099 **W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley - Indian Wells Vly - Se Kern Cty**

Desert

22 1400PST

1 0

Heat

30 2000PST

An extended warm spell developed over Interior Central California for the period from 22nd through the end of the month. The 24th and 25th were especially warm with maximum temperatures in the Central and South San Joaquin Valley at or above 105F for much of the area. In the Kern Deserts China Lake/Ridgecrest reached 111F and 110F on the 24th and 25th, respectively. F64PH

Mariposa County

14.2 ENE Yosemite Vlg

26 1445PST

0 0 1K

Thunderstorm Wind (G35)

1500PST

Mariposa County

7 N Yosemite Lodge

27 1658PST

0 0

Hail (0.88)

1730PST

Thunderstorm activity during the afternoon hours erupted along the Southern Sierra Nevada and Tulare County Mountain crest on the 26th. A strong thunderstorm with hail developed over the northern portion of Yosemite National Park southeast of Hetch Hetchy Reservoir and north of Yosemite Valley late in the afternoon of the 27th.

CAZ095-098

Kern Cty Mtns - Indian Wells Vly

27 1219PST

0 0

Wildfire

30 2359PST

Kern County

8.8 NW Inyokern

28 1800PST

0 0

Lightning

1900PST

The Round Mountain Blaze approximately 14 miles southwest of Ridgecrest was a lightning initiated fire in the afternoon on the 28th and burned 30 acres before containment. The Smith Fire 6 miles southeast of Onyx, east of Lake Isabella in the Kern County Mountains, was lightning initiated on the 27th. Further information is available in the July Stormdata Report. Another lightning-initiated fire occurred in Grapevine Canyon northwest of Inyokern the evening of the 28th that only burned a small area before being extinguished.

CALIFORNIA, Southeast

Inyo County

5 SSE Independence

26 1530PST

0 0

Thunderstorm Wind (G54)

CALIFORNIA, Southwest

CAZ055

San Bernardino County Mountains

09 1151PST

0 0

Wildfire

12 1701PST

The Arrastre Fire burned 361 acres of sage brush, pinyon pine, and juniper trees six miles east of Big Bear City. The fire was started by lightning. No structures were burned and no injuries were reported with this fire.

Storm Data and Unusual Weather Phenomena

June 2006

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

San Diego County

5 S Campo to Campo	28	1200PST 1300PST			0	0			Heavy Rain
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Doppler Radar indicated very heavy rainfall from thunderstorms over rural San Diego County near Campo. According to the CHP, heavy rain reduced visibility to near zero along Interstate 8 and lightning caused a fire in the center divide. A gage just south of the border in Loma Tova, Mexico, measured 1.25 inches of rain in 15 minutes from the same cluster of storms. No reports of flash flooding were received most likely because of the rural location of the storms.

CALIFORNIA, Upper

NONE REPORTED.

CALIFORNIA, West South Central

CAZ052

Santa Barbara County Mountains					0	0			Wildfire
	19	1218PST							
	25	1700PST							

The Perkins Fire burned 15,043 acres in the mountains of Santa Barbara County. The fire was started when a metal shingle blew off a storage shed and hit a power line. The collision made a spark, starting the fire.

CALIFORNIA, Western

NONE REPORTED.

CARIBBEAN SEA AND TROPICAL ATLANTIC

Deerfield Beach To Ocean Reef Fl

7 E Port Everglades	03	0710EST			0	0			Waterspout
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Tower personnel at Fort Lauderdale/Hollywood International Airport (KFLA) observed a waterspout 8 miles east of airport. Associated thunderstorm was moving northeast at 10 mph.

Savannah Ga To Altamaha Sd Ga 20 To 60Nm

48 SE Tybee Island	05	0233EST			0	0			Marine Tstm Wind
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42 kt wind gust reported at Navy Tower M2R6.

Savannah Ga To Altamaha Sd Ga 20 To 60Nm

46 SSE Tybee Island	05	0250EST			0	0			Marine Tstm Wind
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38 kt wind gust reported at Navy tower R8.

Deerfield Beach To Ocean Reef Fl

4 E Elliot Key	08	1225EST			0	0			Waterspout
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Former NWS employee reported a waterspout about 12 miles east of Triumph Reef moving northwest at 5 mph.

Biscayne Bay

4 S Key Biscayne	09	0905EST			0	0			Waterspout
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Coast Guard reported a waterspout 4 miles south of Cape Florida. The shower producing the waterspout was moving northwest at 5 mph.

Surf City To Cp Fear Nc Out 20Nm

Masonboro Inlet	12	2102EST			0	0			Marine Tstm Wind
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A 44 mph gust was recorded at Johnnie Mercers pier.

Flagler Beach To Cocoa Beach Fl Out 20Nm

6 N Cape Canaveral	13	0645EST			0	0	0	0	Marine Tstm Wind
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Titusville Airport recorded a wind gust to 40 mph.

Storm Data and Unusual Weather Phenomena

June 2006

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

Jupiter Inlet To Deerfield Beach Fl Out 20Nm

2 E Boca Raton to 1 E Boca Raton	18	1125EST 1130EST			0	0			Waterspout
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Public reported a waterspout 1 to 2 miles east of Boca Raton Inlet. Apparent movement was northwest at 10 mph, although it did not reach land.

Deerfield Beach To Ocean Reef Fl

2 E Miami Beach	21	0831EST			0	0			Waterspout
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Miami Beach Patrol reported multiple waterspouts 2 miles east of Miami Beach moving west at 5 mph.

Cocoa Beach To Jupiter Inlet Fl Out 20Nm

St. Lucie Inlet	26	1415EST			0	0	0	0	Marine Tstm Wind
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A thunderstorm wind gust to 39 mph was recorded at Jensen Beach.

Flagler Beach To Cocoa Beach Fl Out 20Nm

7 N Cape Canaveral	26	1625EST			0	0	0	0	Marine Tstm Wind
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A thunderstorm wind gust to 43 mph was recorded at a USAF wind tower on Kennedy Space Center.

Jupiter Inlet To Deerfield Beach Fl Out 20Nm

9 E Port Of Palm Beach	26	1519EST			0	0			Waterspout
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Several waterspouts were reported with a thunderstorm about 10 miles east of West Palm Beach. The thunderstorm was moving east at 35 mph.

Flagler Beach To Cocoa Beach Fl Out 20Nm

New Smyrna Beach	27	1309EST			0	0	0	0	Marine Tstm Wind
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A thunderstorm wind gust to 39 mph was recorded at New Smyrna Beach airport.

Flagler Beach To Cocoa Beach Fl Out 20Nm

8 N Cape Canaveral	27	1410EST			0	0	0	0	Marine Tstm Wind
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A thunderstorm wind gust to 45 mph was recorded at a USAF wind tower on Kennedy Space Center.

COLORADO, Central and Northeast

Logan County

6 W Sterling	05	1428MST			0	0			Hail (0.75)
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Logan County

1 NW Sterling	05	1431MST			0	0			Hail (1.25)
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Logan County

Sterling	05	1438MST			0	0			Hail (0.75)
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Logan County

3 SE Sterling	05	1444MST			0	0			Hail (1.75)
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Washington County

8 ENE Akron	05	1515MST			0	0			Hail (0.75)
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Washington County

5 W Otis	05	1533MST			0	0			Hail (1.00)
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Washington County

3 SSW Otis	05	1537MST			0	0			Hail (1.00)
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Lincoln County

11 SE Hugo	05	1540MST			0	0			Hail (0.75)
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Lincoln County

6 W Hugo	05	1543MST			0	0			Thunderstorm Wind (G70)
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Storm Data and Unusual Weather Phenomena

June 2006

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

COLORADO, Central and Northeast

Washington County 15 S Otis	05	1545MST			0	0			Hail (1.75)
Washington County 15 S Otis	05	1545MST			0	0			Thunderstorm Wind (G60)
Large hail and wind gusts to 70 mph (60 kts) caused extensive damage to corn and wheat crops in the vicinity.									
Washington County 18 SW Otis	05	1554MST			0	0			Hail (1.25)
Washington County 9 NNE Arickaree	05	1619MST			0	0			Hail (1.75)
Washington County 13 E Anton	05	1626MST			0	0			Hail (1.75)
Washington County 1 E Cope	05	1632MST			0	0			Hail (1.00)
Washington County 2 SW Cope	05	1634MST			0	0			Hail (0.88)
Washington County 11 N Lindon	10	1540MST			0	0			Hail (0.75)
Washington County 5 N Anton	10	1610MST			0	0			Hail (1.00)
Washington County 13 E Anton	10	1632MST			0	0			Hail (0.75)
Washington County Arickaree	10	1635MST			0	0			Thunderstorm Wind (G52)
Washington County 3 S Cope	10	1659MST			0	0			Thunderstorm Wind (G60)
Washington County 2 E Cope	10	1708MST			0	0			Hail (0.75)
Jefferson County Arvada	11	1534MST			0	0			Hail (0.88)
Jefferson County Arvada	11	1540MST			0	0			Hail (1.25)
Jefferson County 3 N Arvada	11	1540MST			0	0			Hail (0.75)
Jefferson County 3 NNE Arvada	11	1540MST			0	0			Hail (0.88)
Adams County 10 E Brighton	11	1559MST			0	0			Hail (0.88)
Weld County 4 W Prospect	11	1610MST			0	0			Hail (0.75)
Weld County 3 SE Keenesburg	11	1625MST			0	0			Hail (0.75)
Weld County 10 SE Ft Lupton to 10 E Ft Lupton	11	1656MST			0	0			Hail (1.00)
Morgan County 10 NNE Ft Morgan	11	1817MST			0	0			Hail (0.75)
Adams County 31 NE Bennett	11	1847MST			0	0			Hail (0.75)
Adams County 4 W Watkins	12	1522MST			0	0			Hail (0.75)
Arapahoe County 24 W Byers	12	1522MST			0	0			Hail (0.75)
Weld County 5 SE Roggen	12	1609MST			0	0			Hail (0.88)
Weld County 5 N Prospect	12	1610MST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

COLORADO, Central and Northeast

COZ040									
N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties / E Broomfield County									
	12	1700MST			0	0			High Wind (G60)
A strong wind from a dry microburst ripped the roof of a horse barn near Havana Street and Smith Road. A 13-yr old girl was injured when she was bucked off a horse inside the barn, as the roof was being ripped off.									
Weld County									
8 SE Roggen	19	1414MST			0	0			Hail (0.88)
Lincoln County									
6 SW Hugo	19	1600MST			0	0			Thunderstorm Wind (G70)
Weld County									
2 E Hereford	19	1638MST			0	0			Hail (1.75)
Logan County									
Proctor	20	1559MST			0	0			Hail (0.88)
Logan County									
7 NE Sterling	20	1600MST	0.1	50	0	0	0	0	Tornado (F0)
A small tornado touched down but did no damage.									
Phillips County									
4 E Haxtun	20	1618MST			0	0			Hail (0.88)
Logan County									
Fleming	20	1625MST			0	0			Hail (1.00)
Lincoln County									
4 NW Hugo	20	1630MST			0	0			Hail (1.00)
Phillips County									
2 N Haxtun	20	1646MST			0	0			Hail (0.88)
Phillips County									
Haxtun	20	1653MST			0	0			Hail (1.00)
Phillips County									
Haxtun	20	1657MST			0	0			Hail (1.25)
Logan County									
8 SE Fleming	20	1659MST			0	0			Hail (0.88)
Phillips County									
12 SW Haxtun	20	1701MST			0	0			Hail (1.75)
Phillips County									
8 S Haxtun	20	1703MST			0	0			Hail (1.75)
Logan County									
7 S Fleming	20	1705MST			0	0			Hail (1.75)
Logan County									
2 S Sterling	20	1800MST			0	0			Hail (1.00)
Washington County									
12 NE Otis	20	1802MST			0	0			Hail (1.75)
Washington County									
11 NE Otis	20	1808MST			0	0			Hail (0.75)
Adams County									
Westminster	21	1615MST			1	0		0	Lightning
A man on a motorcycle was struck by lightning and killed. The motorcyclist was struck on U.S. Highway 36 between Church Ranch Blvd. and Sheridan Blvd. After the man was struck, he crashed into the center median. The lightning left a crater in the highway that was approximately 18 inches long, 8 inches wide and 4 inches deep. M46OU									
Elbert County									
3 E Kutch	22	1420MST	0.1	50	0	0	0	0	Tornado (F0)
A small tornado touched down but did no damage.									
Lincoln County									
3 SE Karval	22	1503MST			0	0			Thunderstorm Wind (G52)
Larimer County									
7 E Virginia Dale	24	1441MST			0	0			Hail (1.00)
Larimer County									
Wellington	24	1544MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>COLORADO, Central and Northeast</u>									
Boulder County									
Boulder	24	1549MST			0	0			Hail (1.75)
Larimer County									
10 SE Estes Park	24	1602MST			0	0			Hail (1.00)
Larimer County									
6 N Ft Collins	24	1605MST			0	0			Hail (1.00)
Boulder County									
3 NNW Boulder	24	1640MST			0	0			Hail (0.88)
Boulder County									
3 NW Boulder	24	1640MST			0	0			Hail (0.75)
Boulder County									
2 NW Boulder	24	1644MST			0	0			Hail (0.75)
Boulder County									
5 NE Boulder	24	1645MST			0	0			Hail (0.88)
Boulder County									
2 SW Boulder	24	1650MST			0	0			Hail (2.50)
			Large hail broke a car windshield.						
Boulder County									
2 S Boulder	24	1656MST			0	0			Hail (1.75)
Boulder County									
2 S Boulder	24	1710MST			0	0			Hail (1.00)
			Large hail broke a car windshield.						
Jefferson County									
2 S Arvada	24	1726MST			0	0			Hail (0.88)
Jefferson County									
Lakewood	24	1726MST			0	0			Hail (0.75)
Jefferson County									
3 S Lakewood	24	1729MST			0	0			Hail (1.00)
Jefferson County									
7 SW Lakewood	24	1735MST			0	0			Hail (1.00)
Jefferson County									
5 S Lakewood	24	1737MST			0	0			Hail (1.50)
Jefferson County									
Wheat Ridge	24	1738MST			0	0			Hail (1.00)
Jefferson County									
3 S Lakewood	24	1742MST			0	0			Hail (1.75)
Jefferson County									
3 ESE Morrison	24	1750MST			0	0			Hail (1.75)
Douglas County									
16 NW Castle Rock	24	1800MST			0	0			Thunderstorm Wind (G60)
			Severe thunderstorm winds snapped power lines a distance of one quarter of a mile.						
Douglas County									
11 NW Castle Rock	24	1801MST			0	0			Hail (0.75)
Douglas County									
Louviers	24	1801MST			0	0			Hail (0.75)
Jefferson County									
1 NNW Evergreen	24	1801MST			0	0			Hail (1.00)
Douglas County									
14 NW Castle Rock	24	1803MST			0	0			Hail (1.00)
Jefferson County									
Evergreen	24	1805MST			0	0			Hail (0.88)
Douglas County									
Sedalia	24	1810MST			0	0			Thunderstorm Wind (G52)
Jefferson County									
4 ENE Conifer	24	1819MST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>COLORADO, Central and Northeast</u>									
Larimer County									
1 NE Glen Haven	24	2100MST			0	0			Hail (0.75)
Park County									
8 WNW Lake George	25	1224MST			0	0			Hail (1.00)
<u>COLORADO, East Central</u>									
Cheyenne County									
Cheyenne Wells	03	1300MST			0	0			Thunderstorm Wind (G62)
Kit Carson County									
17 NNW Seibert	05	1645MST			0	0			Hail (0.75)
Kit Carson County									
Burlington	05	1834MST			0	0			Thunderstorm Wind (G55)
Yuma County									
2 SE Joes	10	1723MST			0	0			Hail (0.88)
Yuma County									
6 E Kirk	10	1725MST			0	0			Hail (1.00)
Kit Carson County									
10 W Burlington	10	1751MST			0	0			Hail (1.00)
Yuma County									
6 E Kirk	10	1751MST 1754MST			0	0			Hail (1.00)
Kit Carson County									
5 NW Burlington	10	1811MST			0	0			Hail (0.88)
Kit Carson County									
1 NE Burlington	10	1812MST 1821MST			0	0			Hail (1.00)
Kit Carson County									
Burlington	10	1818MST			0	0			Hail (1.00)
Kit Carson County									
11 E Burlington	10	1845MST			0	0			Hail (0.88)
COZ091>092									
Kit Carson County - Cheyenne County									
15		1245MST 1539MST			0	0			High Wind (G53)
Strong gradient winds occurred through much of the afternoon with gusts of 40 to 50 mph and one isolated gust to 61 mph.									
Cheyenne County									
6 NE Cheyenne Wells	16	1110MST			0	0			Hail (1.00)
Cheyenne County									
2 E Cheyenne Wells	16	1118MST			0	0			Hail (1.50)
Hail stripped leaves from trees and broke some house windows.									
Kit Carson County									
17 SSE Burlington	16	1129MST			0	0			Hail (1.00)
3 inch hail depth with some leaves stripped from trees.									
Cheyenne County									
10 N Arapahoe	16	1136MST			0	0			Hail (2.00)
5 inch hail depth on road with larger drifts in some locations.									
Cheyenne County									
4 E Cheyenne Wells	16	1705MST			0	0			Hail (1.50)
Via NSSL Severe hail project.									
Cheyenne County									
6 NW Arapahoe	16	1713MST			0	0			Hail (1.50)
Via NSSL Severe hail project.									
Cheyenne County									
6 N Arapahoe	16	1716MST			0	0			Hail (1.00)
Via NSSL Severe hail project.									
Kit Carson County									
7 SW Flagler	20	1745MST			0	0			Hail (0.75)
Kit Carson County									
16 S Flagler	20	1750MST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>COLORADO, East Central</u>									
Kit Carson County 16 S Flagler	20	1750MST			0	0			Thunderstorm Wind (G50)
Kit Carson County 13 S Seibert	20	1810MST			0	0			Thunderstorm Wind (G52)
Yuma County 10 E Clarkville	20	1810MST			0	0			Hail (2.00)
Yuma County Yuma	20	1840MST			0	0			Thunderstorm Wind (G52)
		Pea-sized hail also reported.							
Yuma County Eckley	20	1900MST			0	0			Hail (1.00)
Yuma County 7 W Wray	20	1900MST			0	0			Hail (1.75)
Yuma County 7 W Wray	20	1905MST			0	0			Thunderstorm Wind (G52)
Yuma County Wray	20	1934MST			0	0			Hail (1.75)
Yuma County 3 W Wray	20	1937MST			0	0			Hail (1.00)
Yuma County 5 NE Clarkville	20	2210MST			0	0			Hail (1.75)
Kit Carson County 15 S Bethune	21	1740MST			0	0			Hail (1.00)
Yuma County 4 SW Vernon	21	1745MST			0	0			Hail (1.75)
Yuma County 6 NE Kirk	21	1746MST 1748MST	0.3	20	0	0			Tornado (F0)
		Tornado touched down in an open field. No damage was reported.							
Yuma County 6 E Kirk	21	1804MST			0	0			Hail (1.50)
		Hail covered the ground and caused some minor tree damage.							
Cheyenne County 11 NW Cheyenne Wells	21	1810MST			0	0			Hail (1.00)
Cheyenne County 12 NNW Cheyenne Wells	21	1830MST			0	0	0.25K		Hail (1.50)
		Hail broke window in garage.							
Kit Carson County 18 N Bethune	21	1830MST			0	0			Hail (1.75)
Kit Carson County 13 NE Seibert	21	1830MST			0	0			Hail (0.88)
		Hail caused some damage to shingles.							
Yuma County 4 WNW Vernon	21	1830MST			0	0			Hail (2.75)
Yuma County 7 W Wray	21	1855MST			0	0			Hail (2.50)
Yuma County Wray	21	1855MST			0	0			Hail (4.25)
Yuma County 2 SE Joes	21	1905MST			0	0			Hail (0.75)
Kit Carson County 8 N Bethune	21	1920MST			0	0			Hail (1.25)
Yuma County 7 NW Wray	21	1931MST			0	0			Hail (0.75)
Kit Carson County Vona	21	1951MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

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

COLORADO, East Central

Cheyenne County

Arapahoe	21	2200MST			0	0			Hail (0.88)
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Kit Carson County

16 N Stratton	22	1230MST			0	0			Hail (1.00)
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Hail reported covering the ground

Kit Carson County

12 WSW Burlington	22	1415MST			0	0			Hail (0.75)
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Kit Carson County

10 N Bethune	27	1425MST			0	0			Hail (0.88)
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COLORADO, South Central and Southeast

Las Animas County

18 E Trinidad	11	1422MST 1427MST			0	0			Hail (0.88)
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Teller County

11 W Woodland Park	11	1726MST 1731MST			0	0			Hail (1.00)
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El Paso County

Monument	11	1815MST 1820MST			0	0			Hail (0.75)
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El Paso County

3 NNE Monument	11	1821MST 1826MST			0	0			Hail (1.00)
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El Paso County

Monument	11	1829MST 1834MST			0	0			Hail (1.00)
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El Paso County

5 NE (Aff)Usaf Acdmty	11	1831MST 1836MST			0	0			Hail (1.75)
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El Paso County

5 ENE Monument	11	1842MST 1847MST			0	0			Hail (0.75)
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El Paso County

3 N Monument	11	1842MST 1847MST			0	0			Hail (1.00)
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El Paso County

2 ESE Monument	11	1900MST 1905MST			0	0			Hail (0.88)
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El Paso County

Manitou Spgs	12	1545MST 1550MST			0	0			Hail (1.50)
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El Paso County

Manitou Spgs	12	1545MST 1550MST			0	0			Hail (1.00)
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El Paso County

Manitou Spgs	12	1640MST 1645MST			0	0			Hail (1.00)
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El Paso County

Manitou Spgs	12	1645MST 1650MST			0	0			Hail (1.50)
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El Paso County

Manitou Spgs	12	1645MST 1650MST			0	0			Hail (1.00)
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COZ078

Westcliffe Vicinity / Wet Mountain Valley Below 8500 Ft

14	1120MST				0	0			Wildfire
16	1900MST								

The Tyndall Gulch Fire erupted midday on the 14th when strong winds downed a power pole, which started the fire. The wildfire started around 8 miles east of Westcliffe, in Custer County, and raced eastward, eventually consuming around 500 acres. While no one was injured, and no structures were lost, the Cristo Vista subdivision residents were ordered to evacuate. Highway 96 was closed from Wednesday through Friday. Approximately 120 firefighters helped to put out the flames.

Storm Data and Unusual Weather Phenomena

June 2006

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

Prowers County

Holly 14 1455MST 0 0 Thunderstorm Wind (G61)

Prowers County

1 S Holly 14 1457MST 0 0 Thunderstorm Wind (G61)

COZ098

Lamar Vicinity / Prowers County

15 1245MST 0 0 15K Wildfire
16 0800MST

Strong winds caused 19 fires to consume 15,000 acres of grassland across northeastern Prowers County near Holly. At times, flames reached 40 feet in length. Fortunately only two structures were destroyed, an abandoned house and a garage.

COZ093>099

La Junta Vicinity / Otero County - Eastern Las Animas County - Western Kiowa County - Eastern Kiowa County - Bent County - Lamar Vicinity / Prowers County - Springfield Vicinity / Baca County

15 1350MST 0 0 100K High Wind (G71)
16 1830MST

Very strong gradient air flow, coupled with showers and fairly dry air in the lower layer of the atmosphere, combined to produced damaging microburst and macroburst winds across southeast Colorado. There was no lightning with nearly all the damaging winds. Those storms that did have lightning, had severe thunderstorm warnings issued for them. A particularly damaging microburst started just south of La Junta, causing power failures, downed trees and limbs, and peeled off a section of a store roof. There were also power outages from Rocky Ford to Swink. A few semi-trailers were blown over in La Junta. At Cheraw, several outbuildings were damaged, and power poles were damaged as well. Through the rest of southeast Colorado, there was only minor damage to outbuildings.

Prowers County

5 S Granada 15 1756MST 0 0 Hail (1.00)
1801MST

Las Animas County

29 NNE Kim 16 1125MST 0 0 Hail (0.75)
1130MST

Baca County

26 WNW Springfield 16 1145MST 0 0 Hail (2.00)
1150MST

Bent County

20 S Hasty to 16 1150MST 0 0 150K Hail (2.00)
26 S Hasty 1155MST

Prowers County

18 S Lamar 16 1205MST 0 0 5K Hail (2.00)
1210MST

Baca County

Campo 16 1215MST 0 0 50K Hail (1.75)
1220MST

Kiowa County

Sheridan Lake 16 1215MST 0 0 Hail (1.00)
1220MST

Baca County

13 SSE Springfield 16 1230MST 0 0 Hail (1.75)
1235MST

Prowers County

Granada 16 1248MST 0 0 Hail (1.00)
1253MST

Baca County

4 SE Bartlett 16 1310MST 0 0 Hail (1.00)
1315MST

Baca County

1 N Stonington 16 1400MST 0 0 Hail (2.00)
1405MST

Baca County

7 SE Stonington 16 1400MST 0 0 Thunderstorm Wind (G76)

A few damaging supercells moved through Las Animas, Bent, Prowers, and Baca Counties. One broke out 75 windows with 2-inch diameter, wind-driven hail at the Colorado Interstate Gas Facility in southeast Bent County. Large hail damaged a house in southwest Prowers County. Another passed through Campo, in southern Baca County, producing damaging, wind driven 2-inch diameter hail. Windows were broken out, roofs were partially ripped off modular homes, and outbuildings and vehicles were damaged or destroyed.

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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

COLORADO, South Central and Southeast

COZ072 Northern Sangre De Cristo Mountains Between 8500 & 11000 Ft									
	18	1230MST			0	0			Wildfire
	30	2300MST							
A huge wildfire erupted Sunday afternoon. Lightning started a small ground fire which was fanned by strong southwest winds. The blaze quickly grew and eventually blackened nearly 14,000 acres. Hundreds of firefighters battled the wildfire, which closed the main route into the San Luis Valley from the east, La Veta Pass. The blaze also threatened hundreds of homes in Huerfano County, but efforts were successful in stopping the wildfire short. The fire was fully contained shortly before the end of the month. The fire started in the Malo Vega drainage (about 8 miles northeast of Fort Garland), but was incorrectly named Mato Vega, because a line on the topography map made the "l" look like a "t".									
Las Animas County									
4 SW Thatcher	21	1357MST 1402MST			0	0			Hail (0.75)
Otero County									
La Junta	21	1507MST 1512MST			0	0			Thunderstorm Wind (G58)
Otero County									
Cheraw	21	1522MST 1527MST			0	0			Hail (1.00)
Otero County									
2 N La Junta	21	1534MST			0	0			Thunderstorm Wind (G58)
Bent County									
10 S Las Animas	21	1608MST			0	0	7K		Thunderstorm Wind (G62)
Damaging thunderstorm winds caused 10 power poles to go down, and knocked a semi-trailer on its side on Highway 101.									
Prowers County									
1 W Lamar	21	1624MST 1629MST			0	0			Hail (1.00)
Baca County									
Springfield	21	1634MST			0	0			Thunderstorm Wind (G55)
Baca County									
Springfield	21	1640MST 1645MST			0	0			Hail (1.00)
Baca County									
1 S Springfield	21	1700MST 1705MST			0	0			Hail (1.00)
Teller County									
3 NE Woodland Park	22	1212MST			0	0			Thunderstorm Wind (G52)
El Paso County									
18 N Colorado Spgs	22	1230MST 1235MST			0	0			Hail (1.00)
El Paso County									
5 NNW Colorado Spgs	22	1244MST 1249MST			0	0			Hail (1.00)
Las Animas County									
5 W Boncarbo	22	1250MST 1255MST			0	0			Hail (0.75)
El Paso County									
4 NNW Colorado Spgs	22	1255MST 1300MST			0	0			Hail (0.75)
Pueblo County									
7 NW Rye	22	1305MST 1310MST			0	0			Hail (0.75)
Huerfano County									
21 NE Walsenburg	22	1408MST 1413MST			0	0			Hail (1.00)
Las Animas County									
15 NNE Aguilar	22	1408MST 1413MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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<u>COLORADO, South Central and Southeast</u>									
Pueblo County 37 SE Pueblo	22	1415MST 1420MST			0	0			Hail (1.00)
Las Animas County 15 NNW Ville Green	22	1420MST 1425MST			0	0			Hail (0.75)
Las Animas County 22 N Kim	22	1456MST 1501MST			0	0			Hail (0.88)
Kiowa County 15 WNW Eads	22	1546MST 1551MST			0	0			Hail (0.88)
Prowers County 16 S Lamar to 15 S Lamar	22	1628MST 1633MST	1	100	0	0			Tornado (F0)
A brief tornado caused no known damage.									
Prowers County 20 S Lamar	22	1640MST 1645MST			0	0			Hail (0.75)
Pueblo County 3 NNE Pueblo	25	1314MST 1319MST			0	0			Hail (0.75)
Pueblo County Pueblo	25	1318MST 1323MST			0	0			Hail (1.00)
Pueblo County Pueblo	25	1320MST 1325MST			0	0			Hail (0.75)
Pueblo County 5 NW Beulah	25	1730MST 1830MST			0	0			Flash Flood
Heavy rain totalling 1 to 4 inches over the Mason Gulch Burn Scar in a short period of time caused flooding of roadways in the Mason Gulch Burn Scar and close to Beulah.									
Alamosa County 10 SE Alamosa to 12 SE Alamosa	26	1412MST 1420MST	2	100	0	0			Tornado (F0)
Tornado caused no known damage over open country. This tornado moved from Alamosa County to Costilla County.									
Costilla County 17 SW Ft Garland to 20 SSW Ft Garland	26	1420MST 1442MST	3	100	0	0			Tornado (F0)
Tornado caused no known damage over open country.									
Baca County 6 NE Pritchett	29	1727MST 1732MST			0	0			Hail (1.00)
Prowers County 6 NE Lamar	29	1813MST 1818MST			0	0			Hail (0.88)
Prowers County 5 NNW Lamar	29	1827MST 1832MST			0	0			Hail (1.00)
Baca County 12 SW Pritchett	29	1829MST 1849MST			0	0			Hail (1.00)
Prowers County 6 N Lamar	29	1830MST 1835MST			0	0			Hail (1.00)
Prowers County 5 W Lamar	29	1915MST 1920MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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

COLORADO, South Central and Southeast

Bent County 3 SE Mc Clave	29	1920MST 1925MST			0	0			Hail (0.88)
Bent County 18 S Las Animas	29	2107MST 2112MST			0	0			Hail (0.75)

COLORADO, West

COZ001>014- 017>023	Lower Yampa River Basin - Central Yampa River Basin - Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Upper Yampa River Basin - Grand Valley - Debeque To Silt Corridor - Central Colorado River Basin - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - Central Gunnison And Uncompahgre River Basin - West Elk And Sawatch Mountains - Flattop Mountains - Upper Gunnison River Valley - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains - Paradox Valley / Lower Dolores River Basin - Four Corners / Upper Dolores River Basin - Animas River Basin - San Juan River Basin								
	01	0000MST			0	0			Drought
	30	2359MST							

Below normal precipitation for the month of June following an early departure of the winter snowpack resulted in increased dryness and worsening drought conditions, particularly across southwest Colorado. Water supply and agricultural concerns increased and numerous fire restrictions were put into place. Drought conditions increased to severe across southwest Colorado while moderate drought conditions developed across most of west central and northwest Colorado. For a continuation on this drought situation please see the July 2006 Storm Data publication.

COZ011

Central Gunnison And Uncompahgre River Basin									
	06	2200MST 2300MST			0	0	10K		Strong Wind

Strong winds knocked out power to about 1,700 customers around Montrose, mostly on the east side of town. The power was out for 52 minutes for 1,550 customers and in another section of town the outage lasted about 3 hours for 150 customers.

Garfield County

Douglas Pass	07	1710MST 1715MST			0	0			Thunderstorm Wind (G53)
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Eagle County

(Ege)Eagle	08	1504MST 1509MST			0	0			Thunderstorm Wind (G55)
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Montezuma County

13 WSW Cortez to 6 WSW Cortez	08	1610MST 1640MST			0	0	30K	40K	Flash Flood
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Heavy rainfall from a thunderstorm cell that moved north over Sleeping Ute Mountain and then across McElmo Canyon produced flash flooding which heavily damaged a number of bridges, driveways, and irrigation ditches. Damage also was reported to sideroll irrigation systems. Flood waters 10 to 12 feet deep rushed down some large and normally dry arroyos, and extensive erosion occurred throughout the flooded areas. Fast moving water up to two feet deep crossed G Road and blocked traffic for about one hour. A combination of flood waters and hail damaged the crops of many vineyards, orchards, hay and alfalfa fields. The water rose so quickly that one farmer had to abandon his truck and move to higher ground, leaving the truck to be engulfed by the flood waters. 1.10 inches of rain fell within a 40 minute period at The Archeological Research Center. Some windows at the center were blown in by strong outflow winds which preceded the heavy rainfall.

Montezuma County

1 NW Cortez to 10 N Cortez	08	1850MST 1910MST			0	0			Thunderstorm Wind (G57)
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Trees were blown down and large branches were snapped off.

Montezuma County

10 N Cortez	08	1850MST 1855MST			0	0			Hail (0.75)
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Garfield County

Carbondale	09	1130MST 1245MST			0	0			Heavy Rain
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Heavy rain caused street flooding in Carbondale with water 3 to 4 inches deep reported at Highway 133 and Main Street.

COZ001

Lower Yampa River Basin									
	13	1200MST			0	0			Wildfire
	26	1200MST							

This incident was named the Thomas Fire and occurred about 36 miles west of Maybell. About 3,347 acres of mainly pinyon pine and juniper were consumed by the blaze with an estimated cost of 622,000 dollars to fight the fire. Numerous residences were threatened by the fire.

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June 2006

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COLORADO, West

COZ011

Central Gunnison And Uncompahgre River Basin

14	1350MST	1355MST			0	0	1K		Strong Wind
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A strong gust of wind blew down a few trees, as well as a large tree limb at Baldridge Park in Montrose.

Archuleta County

1 N Arboles

14	1620MST	1625MST			0	0	15K		Thunderstorm Wind (G55)
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A strong gust of wind blew over a mobile home in transit on Highway 151 north of Arboles. Wind gusts about two miles away were measured to 43 knots.

COZ020

Paradox Valley / Lower Dolores River Basin

20	1200MST	27	1200MST		0	0			Wildfire
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This incident was named the Lion Creek Fire and was started due to a roll-over vehicle accident about five miles northwest of Paradox. This blaze consumed about 1,499 acres of ponderosa pine, pinyon pine, brush and grass. Structure protection was needed for several residences and some county roads were temporarily closed. A number of homes and a campground had to be evacuated, and powerlines were threatened.

Mesa County

Orchard Mesa

20	1535MST	1540MST			0	0			Funnel Cloud
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Rio Blanco County

10 W Meeker

21	1625MST	1630MST	1	50	0	0	35K		Tornado (F1)
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A tornado destroyed a carport, a Basque sheepherder's wagon, and snapped several two-foot diameter trees off, as well as a number of smaller trees as it traveled from southwest to northeast across the property of two residences. A shed received extensive damage after being struck by flying objects. Debris from the property was found several hundred feet from the homes. The roof of a modular home was partially lifted and shingles were ripped from the roof. The tornado also blew apart braced frame walls of a new home under construction. The tornado then moved across hay and alfalfa fields before lifting.

COZ007

Debeque To Silt Corridor

22	1200MST	26	1200MST		0	0			Wildfire
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This incident was named the Jolly Mesa Fire and occurred about 3 miles west of New Castle near Interstate 70. The fire consumed about 581 acres of pinyon pine, juniper, and grass. Numerous structures, gas lines, power lines, and a wildlife area were threatened by the blaze. The estimated cost of fighting this fire was 485,000 dollars.

CONNECTICUT, Northeast

Hartford County

Farmington to Enfield

01	1529EST	1557EST			0	0			Hail (1.00)
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Hartford County

West Hartford to Windsor

01	1550EST	1600EST			0	0	15K		Thunderstorm Wind (G50)
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Tolland County

Somers to Stafford Spgs

01	1605EST	1615EST			0	0	10K		Thunderstorm Wind (G50)
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Tolland County

Somers

01	1610EST				0	0			Hail (1.00)
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Windham County

Woodstock

01	1702EST				0	0	15K		Thunderstorm Wind (G50)
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Severe thunderstorms moved across northern Connecticut in advance of a cold front, which dropped southeast through New England.

The storms produced quarter sized hail in West Hartford, Newington, and Somers. Large limbs were blown down by thunderstorm winds in West Hartford, New Britain, East Windsor, and Somers. Trees and wires were reported downed in Windsor, Newington, and Woodstock.

Hartford County

Granby

29	1130EST	1230EST			0	0	5K		Flood
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Hartford County

Granby

29	1130EST				0	0	50K		Lightning
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A thunderstorm produced torrential rainfall in Granby, which flooded North Church Street, Stratton Road, and Bushy Hill Road. Lightning from the same storm struck a tree, which fell onto a nearby house.

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CONNECTICUT, Northwest

Litchfield County Torrington	01	1501EST			0	0			Hail (0.75) An amateur radio operator reported penny-sized hail at Torrington.
Litchfield County Torrington	01	1501EST			0	0			Thunderstorm Wind (G60) An amateur radio operator reported large branches blow down in north Torrington.
Litchfield County Torrington	01	1510EST			0	0			Thunderstorm Wind (G60) A member of the general public reported trees blown down on East Wood Road.
Litchfield County New Hartford	01	1518EST			0	0			Thunderstorm Wind (G60) An amateur radio operator reported large limbs blown down on Cedar Lane in New Hartford. At daybreak on June 1, a slow-moving cold front over the St Lawrence Valley drifted southeastward into upstate New York and central New England. The front interacted with a moist unstable air mass western New England to produce afternoon thunderstorms across southwestern New England. A few of the thunderstorms became severe.
Litchfield County Canaan	19	1743EST			0	0			Hail (1.75) A trained spotter reported golf ball-sized hail at Canaan. Early in the day on June 19, low pressure was over western Quebec Province with a cold front trailing southwestward to a weak wave over the northern Great Lakes, then southward to the central Mississippi Valley. The air over southwestern New England became more unstable during the day as a moderate west southwesterly breeze brought more moisture into New England. A few thunderstorms formed toward evening. One thunderstorm in Canaan produced golf ball-sized hail.

CONNECTICUT, Southern

Fairfield County New Canaan	01	1515EST			0	0			Thunderstorm Wind (G50) Trees and power lines downed.
Fairfield County New Fairfield	01	1815EST			0	1			Lightning Man struck by lightning. Taken to hospital. He was treated for minor injuries and released.
Fairfield County New Fairfield	01	1815EST			0	0			Thunderstorm Wind (G50) Trees and power lines downed over much of Northern Fairfield County. Powerful thunderstorms moved across Fairfield County producing wind damage. The storms were also prolific lightning producers.
New Haven County Waterbury	02	1530EST 1730EST			0	0			Flash Flood Torrential rainfall from slow-moving thunderstorms caused flash flooding across almost all of Northern New Haven County during the late afternoon and early evening of June 2nd. Up to 8 inches of rainfall occurred in less than 6 hours time in Waterbury. This caused numerous roads to be washed out and many water rescues to take place. The extent of the flooding prompted the Waterbury Mayor to declare a state of emergency. The hardest hit areas in Waterbury were Bristol Street, Highland Avenue, Watertown Avenue, South Main Street, and Charles Street. A rain gage measured 7.40 inches of rainfall in Waterbury.
Fairfield County Bethel	02	1630EST 1700EST			0	0			Flash Flood Flash flooding forced the closure of Route 58. The road was washed out.
Middlesex County Middletown	02	1700EST 1730EST			0	0			Flash Flood Flash Flooding of Route 9.

DELAWARE

New Castle County Glasgow to Deleware City	01	1929EST 1950EST			0	0	6K		Thunderstorm Wind (G50) Severe thunderstorms rolled across parts of New Castle County, Delaware between 8:29 PM EDT and 8:50 PM EDT on June 1st. Strong winds associated with the thunderstorms downed trees and power lines from Glasgow to Deleware City, with an estimated \$6,000 in damages.
Sussex County Dagsboro	02	1715EST			0	0			Thunderstorm Wind (G50) Severe thunderstorms rolled across parts of Sussex County, Delaware during the early evening of June 2nd. The gusty winds

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DELAWARE

associated with the storms downed several tree limbs in Dagsboro at 6:15 PM EDT. Also, a trained weather spotter reported pea size hail in Dagsboro at 6:10 PM EDT.

Sussex County Seaford

02 1904EST **0** **0** **Thunderstorm Wind (G50)**

A severe thunderstorm during the evening of June 2nd knocked over trees in Seaford, Delaware at 8:04 PM EDT.

New Castle County Townsend to Middletown

02 2026EST **0** **0** **Thunderstorm Wind (G52)**
2040EST

A severe thunderstorm knocked down several trees in southwestern New Castle County in Townsend, Middletown and Appoquinimink Hundred.

New Castle County North Portion

02 2130EST **0** **0** **Flash Flood**
03 0546EST

Slow moving thunderstorms with torrential rain caused flooding of numerous roadways and streams in the northern half of New Castle County. In Wilmington, basement apartments in a building at 28th and Tatnall Streets flooded, forcing the evacuation of 12 residents (early on June 3rd). Flooding occurred on Interstate 95 at the Brandywine Bridge, where standing water made the road impassable in places. Law enforcement reported that several cars were disabled trying to drive through the water. In Wilmington, police blocked flooded roads in the areas of Northeast Boulevard and Southbridge, as well as around Greenhill and Pennsylvania Avenues and Union Street. The Red Clay Creek at Wooddale was above its 7 foot flood stage from 159 a.m. EDT through 356 a.m. EDT on the 3rd. It crested at 7.37 feet at 315 a.m. EDT. Farther downstream, the Red Clay Creek at Stanton was above its 15 foot flood stage from 231 a.m. through 452 a.m. EDT on the 3rd. It crested at 15.31 feet at 345 a.m. EDT. The Christina River at Coochs Bridge was above its 10.5 foot flood stage from 2 a.m. EDT through 646 a.m. EDT on the 3rd. It crested at 11.01 feet at 517 a.m. EDT. The Shell Pot Creek also flooded in Claymont (Brandywine Hundred). Doppler Radar storm total estimates reached between 2 and 5 inches in the northern half of New Castle County. Actual storm totals included 4.11 inches at the Porter Reservoir, 2.65 inches at the Wilmington Hospital and Christiana and 1.78 inches in Newark.

New Castle County 4 SSE Hockessin

23 2000EST **0** **0** **0** **Lightning**

Lightning sparked a house fire around 9:00 PM EDT in the 2600 block of Longfellow Drive in the Mill Creek area. No injuries were reported and the extent of any damage to the home was not available.

Sussex County Southwest Portion

25 0645EST **0** **0** **1M** **Flash Flood**
1700EST

Sussex County Bridgeville

25 1700EST **0** **0** **Flood**
26 0200EST

Repeating thunderstorms with torrential downpours dropped a Doppler Radar estimated six to eight inches of rain across southwestern parts of Sussex County during the morning of the 25th. This caused extensive roadway, field and stream flooding. Hardest hit was the Seaford and Blades area where every major roadway was flooded and closed, shopping mall parking lots became lakes. Evacuations of homes and a long term care facility occurred. No serious injuries were reported. The flooding caused the Nanticoke River to exceed its banks the night of the 25th. The Nanticoke River at Bridgeville was above its 8 foot flood stage from 1045 p.m. EDT on the 25th through 300 a.m. EDT on the 26th. It crested at 8.04 feet at Midnight EDT on the 26th.

Kent County West Portion

26 1230EST **0** **0** **Flash Flood**
1330EST

Slow moving thunderstorms with heavy rain caused roadway, low lying area and creek flooding mainly in the western part of Kent County. Doppler Radar storm total estimates averaged between two and five inches for the day.

New Castle County North Portion

26 1600EST **0** **0** **Flash Flood**
2128EST

Heavy rain that fell during the late afternoon and early evening of the 26th caused poor drainage flooding and flash flooding of streams in the northern half of New Castle County. Storm totals averaged between 2 and 4 inches. The run-off from heavy rain that fell during the day on the 26th caused minor flooding along the Christina River. The Christina River at Coochs Bridge was above its 10.5 foot flood stage from 555 p.m. EDT through 1048 p.m. EDT on the 26th. It crested at 11.03 feet at 845 p.m. EDT.

New Castle County North Portion

28 0224EST **0** **0** **Flash Flood**
0500EST

New Castle County Newark to Wilmington

28 0500EST **0** **0** **Flood**
2139EST

A nearly stationary frontal system produced sporadic periods of heavy rain occurred across Delaware from the 23rd into the morning of the 28th. A low pressure system that developed along the Atlantic seaboard combined with the front and caused the

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					Killed	Injured	Property	Crops	

DELAWARE

most widespread and heaviest rain to occur from the night of the 27th through the morning on the 28th. The heavy rain caused flash flooding of smaller streams and then flooding along the larger streams and rivers in the northern part of New Castle County. Event totals in New Castle County averaged five to eight inches.

The Christina River at Coochs Bridge was above its 10.5 foot flood stage from 324 a.m. EDT through 1056 a.m. EDT on the 28th. It crested at 12.0 feet at 845 a.m. EDT. The White Clay Creek at Newark was above its 13 foot flood stage from 420 a.m. EDT through 1211 p.m. EDT on the 28th. It crested at 14.69 feet at 745 a.m. EDT. The Red Clay Creek at Wooddale was above its 7 foot flood stage from 406 a.m. EDT through 1252 p.m. EDT on the 28th. It crested at 10.88 feet at 930 a.m. EDT. Farther downstream at Stanton, the Red Clay Creek was above its 15 foot flood stage from 428 a.m. EDT through 216 p.m. EDT on the 28th. It crested at 18.8 feet at 11 a.m. EDT. The Brandywine Creek at Wilmington was above its 11 foot flood stage from 240 p.m. EDT through 1039 p.m. EDT on the 28th. It crested at 12.38 feet at 545 p.m. EDT.

Sussex County Selbyville

29	1530EST	0	0						Thunderstorm Wind (G50)
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A severe thunderstorm affected the Selbyville, Delaware (Sussex County) area at 4:30 PM EDT on June 29th, which downed trees.

Sussex County 2 NNE Millsboro

29	2000EST	0	0	1K	0				Lightning
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A lightning strike to a home on Cottontail Cove in Long Neck ignited a portion of the house on fire. No injuries were reported, however damage to the home was estimated to be at \$500.

DISTRICT OF COLUMBIA

District Of Columbia Northwest Portion

19	1720EST	0	0	12K					Thunderstorm Wind (G50)
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4 trees reported down in the northwest quadrant of Washington, DC.

A strong cold front moved from the Ohio Valley in the early morning of June 19, then across the Mid Atlantic during the late afternoon and evening. This cold front fired strong to severe thunderstorms as it encountered an atmosphere that was rich in moisture and very unstable. In addition to numerous occurrences of damaging wind gusts of around 60 mph across the Baltimore-Washington corridor, there were also several instances of flash flooding. Numerous cars were stuck in flooded roadways across both Northern Virginia and Central and Southern Maryland. Strong winds also occurred on the tidal waters of the Potomac River and Maryland portion of the Chesapeake Bay.

District Of Columbia Countywide

25	2100EST	0	0	10M					Flash Flood
27	0000EST								

A weak cold front settled over the forecast area from June 23 until June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of training echoes. As a result, double digit rainfall totals affected parts of the region through the five days. There were also several rounds of severe weather with damaging winds and large hail during the period.

A slow-moving line of thunderstorms fired along a tropical moisture plume and dumped between 4 and 7 inches of rain in Washington DC, causing extensive urban flooding on June 25 and June 26. Washington National Airport recorded more than 10 inches of rain, with new daily records being set both Sunday and Monday. Numerous roadways were flooded and/or closed, including some major arteries like the Capital Beltway near the Woodrow Wilson Bridge due to a mudslide. The IRS Building, National Archives, Department of Justice, and Environmental Protection Agency buildings were closed for the beginning of the workweek. Extensive power outages across the region occurred during this event. Major disruption of transportation was experienced June 26 due to the flooding. MARC Commuter rail experienced disruptions, Virginia Railway Express commuter rail did not operate, and flooding in underground tunnels forced much of the Washington Metro rail to close. At one point, 4 feet of water was reported in the 9th Street tunnel in DC. Rock Creek flooded, and threw several vehicles up against trees due to the fast flowing high water. The Park Service reported severe damages at Rock Creek Park at a level more severe than damages sustained during Hurricane Isabel in September 2003. Severe erosion occurred along park roads and trails. Numerous trees were downed all around the park area. Many roads were closed for several days around the park.

This storm significantly contributed to June 2006 being the wettest ever in Washington DC. The monthly rainfall total reached 14.02 inches at Reagan National Airport, much of that from this late June heavy rainfall event.

Damage estimates for this weather event were estimated using information from the National Park Service, newspaper reports, and local Emergency Management officials.

FLORIDA, East Central

St. Lucie County

04	1350EST	0	0	0	0				Hail (1.00)
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Indian River County

04	1450EST	0	0	0	0				Hail (0.75)
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Storm Data and Unusual Weather Phenomena

June 2006

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

FLORIDA, East Central

Brevard County 2 S Micco to Micco	04	1518EST			0	0	0	0	Hail (1.00)
One inch hail was reported in Barefoot Bay.									
Brevard County Palm Bay	04	1528EST			0	0	0	0	Hail (0.75)
St. Lucie County Ft Pierce	04	1825EST			0	0	0	0	Hail (1.00)
St. Lucie County Ft Pierce	04	1835EST			0	0	0	0	Hail (1.00)
Hail up to one inch deep was reported at three locations around Ft. Pierce.									
Martin County 2 W Hobe Sound	05	1704EST			0	0	0	0	Funnel Cloud
A funnel cloud was reported west of Hobe Sound.									
St. Lucie County Ft Pierce	11	1353EST			0	0	0	0	Thunderstorm Wind (G56)
Orange County Apopka	13	0220EST	0.1	20	0	0	10K	0	Tornado (F0)
Television news media reported a brief tornado touchdown in Apopka, bringing down a few trees and power lines.									
Orange County Apopka	18	1400EST			0	0	70K	0	Lightning
A lightning strike caused a fire that severely damaged a house in Apopka.									
FLZ054 Indian River	18	1730EST			1	0	0	0	Rip Current
A 42 year old man drowned while assisting in the rescue of two young boys caught in a rip current. M42IW									
Orange County Orlando Intl Arpt to (Mco)Orlando Intl Ar	25	1600EST			0	0	0	0	Funnel Cloud
Brevard County 2 S Rockledge	27	1555EST			0	0	0	0	Hail (1.00)
Volusia County 1 N Holly Hill	28	1555EST			0	0	0	0	Hail (1.75)
Volusia County Holly Hill	28	1555EST			0	0	0	0	Thunderstorm Wind (G60)
A spotter estimated wind gusts to 52 knots in Holly Hill.									

FLORIDA, Extreme Southern

NONE REPORTED.

FLORIDA, Northeastern

Nassau County Fernandina Beach	05	1302EST			0	0			Hail (1.00)
Quarter size was reported at Brett's Waterway Restaurant. At the same time, pea size hail was reported in downtown Fernandina Beach.									
Nassau County Fernandina Beach	05	1316EST			0	0			Hail (0.75)
Penny size hail was reported on Atlantic Avenue in Fernandina Beach.									
Nassau County Fernandina Beach	05	1330EST			0	0			Hail (1.00)
Quarter size hail was reported at Fort Clinch. Power outages were reported in Fernandina Beach.									
Putnam County Mannville	05	1705EST			0	0			Hail (0.75)
FLZ036 Alachua	11	0000EST			0	0			Tropical Storm
	14	0100EST							
Tropical Storm "Alberto"									

Tropical Storm Alberto made landfall along the northeast Gulf of Mexico coast and as a weakening system move north-northeast

Storm Data and Unusual Weather Phenomena

June 2006

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

across north Florida and southeast Georgia. This motion positioned the area on the north and east side of the storm. Northeast Florida experienced periods of sustained tropical storm force winds and gusts. Heavy rainfall occurred across the Suwannee River Valley.

The lowest north Florida mean sea level pressure was 1006.1 mb measured in Gainesville as the center move north and east of the area on June 13th around 12Z. The lowest mean sea level readings across north Florida ranged from 1006.1 mb in Gainesville to 1009.4 mb at the National Ocean System (NOS) tide gauge at NAS Mayport, Florida.

Maximum sustained winds recorded were 40 knots/46 mph at Craig Airfield in east Jacksonville on June 13th around 21:11Z. The peak gust was 47 knots/54 mph recorded at Cecil Field in west Jacksonville, on June 13th around 1950Z. Inland stations generally reported sustained winds of 17-40 knots (20-46 mph) with gusts ranging from 30-47 knots (35-54 mph). Many trees were downed and some structural damage occurred over the Suwannee River Valley. Scattered trees and power lines were blown down across the remainder of northeast Florida. Most damaged occurred from winds from midday July 13th into the early evening hours.

Wave heights reached 6-9 ft across the coastal waters. The maximum height observed was at the St. Augustine buoy 41012 on June 13th around 1920Z. Tides were running 0.5-1 ft below astronomical tide predictions on the 13th.

Rainfall totals across Florida ranged from 2 to 6 inches. The heaviest rainfall 5.60 inches in Hedges, Florida (Nassau County). Some minor temporary flooding of flood prone occurred, but the rainfall was beneficial to the area helping it recover from a minor drought period. River flooding was not a concern.

Two confirmed tornado touchdowns occurred, one near Jacksonville Beach with minor damage done to a water park around 08Z on June 13th.

No fatalities nor injuries were reported in association with T.S. Alberto.

Flagler County 5 W Espanola	11	1505EST			0	0			Thunderstorm Wind (G50)
	The public reported large tree limbs and power lines down near Daytona North.								
Putnam County Crescent City	11	1520EST			0	0			Thunderstorm Wind (G50)
	A large tree was blown down along Vernon Ave. in Crescent City.								
Putnam County Palatka	11	1541EST			0	0			Thunderstorm Wind (G50)
	Strong winds blew down large tree in Palatka. Time given is the time the report was relayed to the county 911 center.								
Duval County Sunbeam	11	1700EST			0	0	1K		Thunderstorm Wind (G40)
	The public report two trees were blown down on a car port in the Baymeadows area.								
Duval County Jacksonville Hgts	11	1700EST			0	0			Thunderstorm Wind (G50)
	Duval county 911 reported multiple downed power lines across the Jacksonville Westside.								
Duval County 6 NNE Mandarin	11	1700EST			0	1			Thunderstorm Wind (G50)
	A large tree was blown down onto a home and injured a resident inside. The tree was blown down in the Beauclerc area.								
Nassau County Callahan	11	1732EST			0	0			Thunderstorm Wind (G50)
	Numerous power lines were blown down across Callahan.								
Nassau County Fernandina Beach	11	1815EST			0	0			Thunderstorm Wind (G50)
	Power lines were blown down in Fernandina Beach.								
Duval County 2 W Jacksonville Beach	13	0300EST	1	50	0	0			Tornado (F0)
	A weak tornado downed trees and damaged tents near adventure landing on Beach Blvd.								
Duval County 1 N Mayport	13	0330EST	200	50	0	0			Tornado (F0)
	Duval County Parks and Recreation reported several trees and widespread limb damage from Talbot Island to Fort Caroline National Monument.								

Storm Data and Unusual Weather Phenomena

June 2006

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

FLZ020>025- Hamilton - Suwannee - Columbia - Baker - Nassau - Duval - Union - Bradford - Clay - St. Johns - Gilchrist -

030>033-035>038-040 Alachua - Putnam - Flagler - Marion

13	0600EST				0	0			Tropical Storm
14	0100EST								

Tropical Storm "Alberto"

Tropical Storm Alberto made landfall along the northeast Gulf of Mexico coast and as a weakening system move north-northeast across north Florida and southeast Georgia. This motion positioned the area on the north and east side of the storm. Northeast Florida experienced periods of sustained tropical storm force winds and gusts. Heavy rainfall occurred across the Suwannee River Valley.

The lowest mean sea level pressure recorded in northeast Florida was 1006.1 mb measured in Gainesville as the center moved north northwest of the city on June 13th around 11:53Z. The lowest mean sea level readings across northeast Florida ranged from 1006.1 mb in Gainesville to 1009.4 mb at the NOS tide gauge located at Mayport Naval Station in east Jacksonville.

Maximum sustained winds recorded were 40 knots/46 mph at Craig Airfield in east Jacksonville on June 13th around 21:11Z. Stations generally reported sustained winds of 20-40 knots (23-46 mph). The highest wind gust was recorded at Cecil Field in west Jacksonville on June 13th around 19:50Z. Scattered trees and power lines were blown down across the area. Most wind damage occurred from midday June 13th through the evening of June 13th.

Wave heights reached 6-9 ft across the coastal waters. The maximum height observed was at the St. Augustine buoy 41012 on June 13th around 1920Z. Storm tides ran 0.5-1 ft below predicted tide levels at Fernandina Beach (NOS) and Mayport (NOS).

Rainfall totals across northeast Florida ranged from 2 to 6 inches. The heaviest rainfall 5.60 inches was recorded in Hedges, Nassau County. Some minor temporary flooding of flood prone occurred, but the rainfall was beneficial to the area helping it recover from a minor drought period. River flooding was not a concern.

Two confirmed tornado touchdowns occurred, one near Jacksonville Beach on June 13th around 08:00Z. Minor damage to a water park was reported.

No fatalities nor injuries were reported in association with T.S. Alberto. Minor problems from wind gusts with scattered power outages occurred, as well as minor temporary flooding.

**Marion County
5 SE Ocala**

19	1700EST				0	0			Funnel Cloud
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The Marion County Sheriff's Office relayed a funnel cloud report from a motorist traveling between Ocala and Belleview along County Road 464 and Alternate Highway 41. Radar showed no signs of rotation.

**Marion County
Ocala**

19	1745EST				0	0			Flood
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Emergency management reported 3 cars were stalled in flood waters on the 2800 block of South Pine Road in Ocala. Flooding was ongoing at the time the report was relayed to the National Weather Service. Doppler radar indicated that 4 to 8 inches of rainfall occurred across south and east Ocala.

**Suwannee County
7 NW Live Oak**

22	1355EST				0	0	2K		Thunderstorm Wind (G45)
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A spotter reported a newly built barn was torn in half by a microburst. Coordinates were: 30.36871 N, -83.05658 W.

**Alachua County
Gainesville**

25	1315EST				0	0			Funnel Cloud
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The public reported a funnel cloud near Interstate 75 and 23rd Street overpass. It was moving SW to NE near the treetops. No damage was reported.

**Hamilton County
5 SW Jennings**

26	0100EST 0136EST				0	0			Heavy Rain
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The public measured 2.11 inches of rain in 36 minutes.

**Duval County
Jacksonville**

26	1620EST				0	0			Heavy Rain
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Street flooding was reported at the corner of St. Johns and King Street. Vehicles were able to cautiously pass through the intersection where 10-12 inches of stading water was reported.

**St. Johns County
3 S Ponte Vedra**

28	1445EST				0	0			Thunderstorm Wind (G50)
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The Guana River State Park forest ranger reported trees were blown down across a trail in the park.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, Northeastern</u>									
Flagler County									
5 NE Bunnell	28	1510EST 1550EST			0	0			Heavy Rain
Heavy rainfall accumulated to 2.05 inches in 40 minutes.									
Flagler County									
5 S Bunnell	28	1541EST			0	0			Hail (1.00)
Quarter size hail was reported along with excessive lightning.									
Columbia County									
8 W Lake City	28	1612EST			0	0	1K		Thunderstorm Wind (G48)
A spotter measured a 55 mph wind gust and reported trees down near the Columbia-Suwannee County line. A shed was damaged.									
Marion County									
1 E Lynne to 1 W Lynne	29	1710EST			0	0	2K		Thunderstorm Wind (G45)
Thunderstorm wind gusts damaged a roof, shed and blew a tree down on a car. Location was at NE 145 Ave and Highway 40.									
<u>FLORIDA, Northwest</u>									
FLZ007>019- 026>029-034									
Inland Walton - Coastal Walton - Holmes - Washington - Jackson - Bay - Calhoun - Gulf - Franklin - Gadsden - Leon - Jefferson - Madison - Liberty - Wakulla - Taylor - Lafayette - Dixie									
	12	1200EST			0	0	250K		Tropical Storm
	14	1200EST							
The center of Tropical Storm Alberto made landfall near Adams Beach along the Taylor County coast, about 50 miles southeast of Tallahassee, Florida, near midday on June 13. The highest 2-minute wind measured was 36 knots at Keaton Beach around 3 pm EDT on June 13. A peak wind gust of 48 knots was recorded from Gulf Buoy 42036, about 80 miles southeast of Apalachicola. It also recorded the lowest sea level pressure, 995.2 millibars. Rainfall totals for the 48-hour period ending at 8 am EDT on June 14 ranged from 0.26 inches at Marianna to 7.90 inches at Ochlockonee Bay. Maximum storm tides from Alberto varied from 1-2 feet above MLLW along the Bay and Gulf County coasts to 8-9 feet above MLLW along the Taylor and Dixie County coasts. Maximum storm surges ranged from 3-5 feet above normal along the Wakulla, Taylor and Dixie County coasts. Alberto's winds knocked down several trees and power lines throughout portions of the Florida Big Bend and resulted in scattered power outages. Minor surge flooding occurred in coastal communities, especially in Taylor and Dixie counties. About 350 coastal residents of Franklin, Wakulla, Taylor and Dixie counties took refuge in emergency shelters. Reports were provided by the Florida DEM.									
FLZ034									
Dixie									
	12	1200EST			0	0	75K		Storm Surge/Tide
	13	1800EST							
The Dixie County EMA reported maximum storm tides of 9 feet above MLLW along the coast during the few hours after landfall. Maximum surges of 5 feet above normal occurred with water over seawalls which resulted in flooding of on-grade buildings and other low-lying areas.									
FLZ028									
Taylor									
	12	1200EST			0	0	75K		Storm Surge/Tide
	13	1800EST							
The Taylor County EMA reported maximum storm tides of 8 feet above MLLW along the coast during the few hours after landfall. Maximum surges of 4 feet above normal occurred with water over seawalls which resulted in flooding of on-grade buildings and other low-lying areas.									
FLZ027									
Wakulla									
	12	1200EST			0	0	5K		Storm Surge/Tide
	13	1200EST							
The Wakulla County EMA reported storm tides of 2-3 feet above MLLW. Minimal surges caused minor flooding along the coast during the morning of June 13.									
FLZ015									
Franklin									
	12	1200EST			0	0	5K		Storm Surge/Tide
	13	1200EST							
The Franklin County EMA reported storm tides of 2 feet above MLLW. Minor flooding was observed at St. George Island and Alligator Point.									
FLZ014									
Gulf									
	12	1200EST			0	0			Storm Surge/Tide
	13	1200EST							
The Gulf County EMA reported storm tides of 1-2 feet above MLLW.									
Madison County									
2 N Greenville	22	1500EST			0	0	0.50K		Thunderstorm Wind (G50)
A Florida DOT official reported a few trees down on County Road 150.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>FLORIDA, Northwest</u>									
Madison County									
Lee	22	1505EST			0	0	0.50K		Thunderstorm Wind (G50)
			A Florida DOT official reported a few trees down.						
Liberty County									
2 E Hosford	22	1700EST			0	0	2K		Thunderstorm Wind (G50)
			The Liberty County Sheriff reported a few trees and power lines down on State Road 67.						
Holmes County									
Esto	22	1830EST 1845EST			0	0	10K		Thunderstorm Wind (G50)
			The Holmes County Sheriff reported some trees and power lines down.						
Calhoun County									
Central Portion	22	1730EST			0	0	2K		Thunderstorm Wind (G50)
			Some downed trees reported by the Calhoun County Sheriff.						
Bay County									
Bayou George	25	1527EST			0	0			Hail (0.75)
			Penny size hail reported along U.S. Highway 231 by the public.						
Gadsden County									
Concord	27	1515EST			0	0			Hail (1.00)
			Quarter size hail reported by a WCTV Tallahassee meteorologist.						
<u>FLORIDA, Southern</u>									
Broward County									
Pembroke Pines	04	1410EST			0	0			Hail (0.88)
FLZ072			Coastal Broward						
	16	1500EST			0	0			Heat
			A 20-year-old male died of apparent heat exposure after he wandered in the Everglades in search of help to repair his broken-down airboat. He and his uncle set out on the airboat from Loxahatchee National Wildlife Refuge in southern Palm Beach County, and were about 3 miles south of the ramp in extreme northern Broward County when the airboat got stuck in the mud. High temperatures in the area that day were in the lower 90s and lowest relative humidity values were around 55 percent, producing maximum heat index values of near 105 degrees.						
Miami - Dade County									
Kendall	20	1038EST 1042EST			0	0			Funnel Cloud
			Two separate funnel cloud reports received in the Kendall area, one near the Turnpike and Miller Drive and the other near Tamiami Airport.						
Palm Beach County									
5 N Belle Glade	20	1222EST			0	0			Funnel Cloud
			Spotters and amateur radio operators reported a funnel cloud between Belle Glade and Pahokee.						
Palm Beach County									
2 S South Bay	20	1328EST	0.2	50	0	0			Tornado (F0)
			Tornado spotted by law enforcement in a field near the 800 block of U.S. Highway 27 near South Bay. No damage was reported.						
Collier County									
Naples	20	1645EST			0	0			Hail (0.75)
			Reported by trained spotter.						
Miami - Dade County									
Hialeah	27	1410EST			0	0			Funnel Cloud
			Funnel cloud observed near Hialeah City Hall.						
Miami - Dade County									
Medley	27	1430EST			0	0			Thunderstorm Wind (G60)
			Three power poles were snapped along street in front of warehouse parking lot in Medley. Received via TV news reports. Time is estimated.						
Miami - Dade County									
1 S (Mia)Miami Intl	27	1500EST			0	0			Hail (0.75)
			Penny size hail observed on Perimeter Road on south end of Miami International Airport (MIA). Also reported large tree limbs and small road signs blown down from MIA south to Coral Gables.						
Miami - Dade County									
1 NW South Miami	27	1525EST			0	0			Hail (1.00)
			Nickel to quarter size hail reported near intersection of SW 72 Avenue and SW 48 Street.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>FLORIDA, Southern</u>									
Broward County									
Coral Spgs	30	1200EST			0	2			Lightning
	Two male landscape maintenance workers in their 30s were injured by a lightning strike after attempting to take shelter beneath a tree at the former Broken Woods Country Club near Sample Road and University Drive. Both men were conscious but told paramedics they felt numb. Both men had exit wounds on their legs.								
Collier County									
Naples	30	1715EST			0	0			Hail (0.75)
	Reported by trained spotter. Also reports of 2 to 4 inches of rain which fell in an hour which caused flooding of intersections.								
<u>FLORIDA, West Central</u>									
Pinellas County									
6 N St Petersburg	01	1515EST			0	0	15K		Thunderstorm Wind (G52)
	A wind gust near 60 mph toppled a large restaurant sign along 4th Street near Gandy Boulevard.								
Citrus County									
Chassahowitzka	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 3.86 inches.								
Hardee County									
Bowling Green	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 4.15 inches.								
Hillsborough County									
3 E Ruskin	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 6.76 inches at the National Weather Service office 3 miles east of Ruskin. Elsewhere the rainfall was widespread at 3.5 to 5 inches throughout the county.								
Levy County									
Inglis	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 4.56 inches.								
Manatee County									
Bradenton	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 5.57 inches in Bradenton. Elsewhere rainfall was widespread at 3 to 5 inches throughout the county.								
Pinellas County									
5 E Tarpon Spgs	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The highest rainfall report during Tropical Storm Alberto was 7.08 inches five miles east of Tarpon Springs. Elsewhere, widespread 3 to 5 inches of rain was reported across the county.								
Polk County									
17 SSW Mulberry	10	0000EST			0	0			Heavy Rain
	14	2359EST							
	The rainfall was 5.69 inches in the Four Corners area. Rainfall reports of 3 to 5 inches were common in the west half of Polk County.								
Polk County									
6.4 NE Bartow	12	0709EST	0.5	40	0	0			Tornado (F0)
	A tornado was reported two miles east of the Polk County Emergency Operations Center at the Bartow Municipal Airport.								
Hardee County									
3 NE Wauchula	12	0750EST	0.5	40	0	0			Tornado (F0)
	A county road crew observed a tornado near Highway 62. No damage was reported.								
De Soto County									
1 S Arcadia	12	1328EST	0.5	40	0	0			Tornado (F0)
	Law enforcement reported a tornado. No significant damage was reported.								
De Soto County									
3 N Arcadia to 7 N Arcadia	12	1418EST 1427EST	4	40	0	0			Tornado (F0)
	Amateur radio reported a tornado north of Arcadia and the visible funnel extended three-quarters of the way to the ground. This tornado is from a different storm than the tornado south of Arcadia. No significant damage was reported. Path of tornado was estimated.								

Storm Data and Unusual Weather Phenomena

June 2006

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

FLZ039-042>043-048>051-055-060 **Levy - Citrus - Sumter - Hernando - Pasco - Pinellas - Hillsborough - Manatee - Sarasota**

13	0030EST 1400EST				0	0	140K		Tropical Storm
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Tropical Storm Alberto became a storm north of the Yucatan Peninsula on June 11 and made landfall in the Big Bend area of Florida on June 13. The center of Tropical Storm Alberto moved from about 350 miles west of Fort Myers on the morning of August 12 to about 80 miles west of Cedar Key on the morning of August 13. Alberto brought widespread rains of 2 to 5 inches with isolated 7 inches to west central and southwest Florida. In addition, Alberto created at least four tornadoes and a storm surge of 2 to 4 feet. There were two indirect fatalities related to the storm. Two men died near Egmont Key on June 10 during a storm in one of Alberto's rain bands. A woman fell overboard when the band of showers and surging currents made navigation difficult. Her husband and a friend jumped in to save her but they did not have life jackets and drowned. The woman made it back to the boat and was saved.

In Levy County...a peak wind gust from the south of 48 knots (55 MPH) was recorded at 5 AM EDT on the 13th at the C-MAN station on Cedar Key. The storm tide at Cedar Key was 6.74 feet which included a surge of 4.09 feet and occurred at 8:30 AM on the 13th. Two feet of water covered the roads in downtown Yankeetown and near shore areas of Highways 40 and 24. About 20 homes received minor damage in the Yankeetown area, however, these homes are in a low area and are susceptible to unusually high tides as well. Cedar Key did not experience flooded roads as the tide was going down as the surge was coming in.

In Citrus County...a peak wind gust from the southwest at an estimated 42 knots (48 MPH) at 12:30 PM EDT on the 13th at the Crystal River Nuclear Power Plant. The storm tide at the plant was 7.60 feet which included a surge of 3.70 feet and occurred around 1 PM EDT. Storm surge flooding near Homosassa put 3 feet of water into one restaurant and damaged 20 homes. Two people who did not evacuate had to be rescued. Fort Island Trail was covered with 4 feet of water at times.

In Hernando County...a peak wind gust from the southwest of 42 knots (48 MPH) was recorded around 7 AM EDT at the COMPS station at Homosassa. The storm surge was estimated at 4 feet and approached homes in the Hernando Beach area, but the homes remained dry. The ASOS station at the Brooksville Airport (KBKV) recorded the highest rainfall total of 2.60 inches.

In Sumter County...a peak wind gust from the southwest of 36 knots (41 MPH) was recorded at 12:05 PM EDT at the AWOS station at The Villages (KVVG). Rainfall in Lake Panosoffkee was 1.85 inches.

In Pasco County...a peak wind gust from the southwest of 47 knots (54 MPH) around 5 AM EDT was recorded at the COMPS station at the Fred Howard Park. The storm surge was estimated at 4 feet up and down the coast line but it was not enough to cause property damage. Rainfall in Saint Leo was 2.62 inches.

In Pinellas County...a peak wind gust from the southwest of 53 knots (61 MPH) around 8 AM EDT was recorded at the C-MAN station on Clearwater Beach (CWBF1). The storm surge was 2.42 feet at Clearwater Beach and 2.52 feet in Saint Petersburg. Water covered the roads in Shore Acres in northeast Saint Petersburg due to surge and fresh water flooding.

In Hillsborough County...a peak wind gust from the southwest of 49 knots (56 MPH) at 2:37 AM EDT was recorded at the MacDill Air Force Base (KMCF). The storm surge was 3.28 feet at McKay Bay and 2.75 feet at the Old Port Tampa COMPS station. The overspray from the surge combined with fresh water flooding closed parts of Bay Shore Blvd.

In Manatee County...a peak wind gust of 38 knots (44 MPH) at 2:39 AM EDT was recorded at the Bradenton/Sarasota International Airport (KSRQ). The storm surge was 2.06 feet at Port Manatee.

In Sarasota County...a peak wind gust of 46 knots (53 MPH) at 2:37 AM was recorded at the C-MAN station in Venice (VENF1). Rainfall in Myakka State Park totalled 3.34 inches.

Hillsborough County
4.5 SW Tampa

19	1445EST				0	0	20K		Lightning
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Lightning set a house on fire on the 4400 block of West Sevilla St.

Citrus County
Crystal River

20	1415EST				0	0			Hail (1.00)
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A public report of 1 inch hail was relayed through the broadcast media.

Storm Data and Unusual Weather Phenomena

June 2006

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

Charlotte County

1.5 NNW Port Charlott	21	1817EST	3	70	0	3	500K	Tornado (F2)
2.7 WSW Port Charlotte		1837EST						



A well anchored roof was ripped off this home and roof debris was found a half mile away impaled in the ground. Photograph by Daniel Noah, National Weather Service, Ruskin, FL.

A small but destructive tornado rapidly developed near the merger of the east and west coast sea breezes over Port Charlotte. The first touch down was just northeast of the Charlotte County Cultural Center. It then moved southwest for about three miles ending around the 4200 block of Rock Creek Drive. It caused damage in several locations along its path, most of which was rated as F0/F1 on the Fujita Scale. However, damage rated as F2 occurred on the 300 block of East Tarpon Boulevard NW. One home wa

Charlotte County

1.5 NE Charlotte Harbo	21	1827EST	0.5	30	0	0	30K	Tornado (F0)
1.5 N Charlotte		1832EST						

A weak waterspout moved onshore as a tornado in the Harbor View mobile home park along the Peace River. Damage was limited to aluminum car ports and small sheds.

Polk County

4.8 SW Lakeland to 5.1 SW Lakeland	24	1413EST 1422EST	0.3	40	0	0		Tornado (F0)
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An emergency management official reported a tornado touchdown in a large wooded area near the Polk County Parkway and US Highway 98.

Hardee County

Ona	24	1515EST			0	0		Thunderstorm Wind (G56)
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The wind gust was measured at the Ona FAWN station.

FLORIDA, West Panhandle

Escambia County

Barrineau Park	17	1300CST			0	0	50K	Lightning
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Lightning either hit a tree or somehow ignited dried out grass and started a fire. The fire heavily damaged two railroad bridges near Barrineau Park.

Escambia County

Pine Forrest	23	1320CST 1322CST			0	0		Hail (0.88)
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Escambia County

5 NW Pine Forrest	23	1330CST			0	1		Lightning
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A fourteen year old male was outside painting a fence near Beulah when lightning struck near where he was working. He was knocked unconscious and had to be transported to a hospital and was later released.

Storm Data and Unusual Weather Phenomena

June 2006

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 Panhandle

Santa Rosa County

Milton	25	1645CST 1647CST			0	0	10K		Thunderstorm Wind (G50)
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High winds from a thunderstorm blew down several trees near Milton.

Okaloosa County

Crestview	25	1725CST 1727CST			0	0	10K		Thunderstorm Wind (G50)
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High winds from a thunderstorm blew down trees and power lines just northeast of Crestview.

GEORGIA, East Central

Columbia County

2 W Evans	02	1350EST			0	0	0	0	Thunderstorm Wind (G60)
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SKYWARN spotter reported several large trees down on the local golf course.

GEORGIA, Lower

Wayne County

Odum	02	1840EST			0	0			Thunderstorm Wind (G50)
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Power lines were blown down near Odum.

Appling County

8 SE Baxley	04	2125EST			0	0			Thunderstorm Wind (G50)
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Emergency manager reported trees and power lines were blown down along State Road 15 south of Baxley. Hail also fell at the same time, but the size was not reported.

Camden County

St Marys	11	1800EST			0	0			Thunderstorm Wind (G50)
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The county EMA office reported trees down in St. Marys with minor and brief power outages. Time is estimated based on radar.

GAZ166

Coastal Camden

13		0000EST			0	0			Tropical Storm
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14 0100EST
Tropical Storm "Alberto"

Tropical Storm Alberto made landfall along the northeast Gulf of Mexico coast and as a weakening system move north-northeast across north Florida and southeast Georgia. This motion positioned the area on the north and east side of the storm. Southeast Georgia experienced periods of sustained tropical storm force winds and gusts. Heavy rainfall occurred across the Suwannee River Valley.

The lowest southeast Georgia mean sea level pressure was 1002.6 mb measured in Alma as the center moved very near the city during the early morning hours of June 14th around 00:53Z. The lowest mean sea level readings across southeast Georgia ranged from 1002.6 mb in Alma to 1007.2 mb at St. Simons Island, Ga.

Maximum sustained winds recorded were 38 knots/44 mph in Brunswick, Ga on June 13th around 23:22Z. Stations generally reported sustained winds of 25-38 knots (29-44 mph). Scattered trees and power lines were blown down across southeast Georgia. Most wind damage occurred during the afternoon and early evening of June 13th.

Wave heights reached 6-9 ft across the coastal waters. The maximum height observed was at the St. Augustine buoy 41012 on June 13th around 1920Z. Storm tides at St. Simons Island ran 0.98 ft above normal astronomical tide predictions on June 13th around 12Z.

Rainfall totals across southeast Georgia ranged from 1 to 6 inches. The heaviest rainfall 5.48 inches was recorded in Echols County. Some minor temporary flooding of flood prone occurred, but the rainfall was beneficial to the area helping it recover from a minor drought period. River flooding was not a concern.

Two confirmed tornado touchdowns occurred, one near the Kings Bay Submarine Base near St. Marys, Ga, in Camden County on June 13th around 10:15Z. Minor tree damage occurred on the base.

No fatalities nor injuries were reported in association with T.S. Alberto. Minor problems from wind gusts with scattered power outages occurred, as well as minor temporary flooding.

Camden County

St Marys	13	0500EST	100	50	0	0			Tornado (F0)
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Numerous powerlines were blown down from St. Marys to Kings Bay Naval Base.

Jeff Davis County

Hazelhurst	13	1528EST			0	0			Funnel Cloud
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A couple of funnel cloud reports were relayed near Hazelhurst.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, Lower</u>									
Appling County									
Graham	13	1635EST			0	0			Funnel Cloud
Appling County									
Graham	13	1645EST			0	0			Funnel Cloud
Coffee County									
Douglas	21	1938EST			0	0			Funnel Cloud
Ware County									
Waycross	26	1530EST			0	0			Thunderstorm Wind (G50)
									A spotter reported that railroad crossing arms were snapped and a large oak tree fell down along State St and Blackshear Ave.
Clinch County									
8 S Homerville	27	1423EST			0	0			Thunderstorm Wind (G52)
									A trained spotter measure a wind gust to 60 mph south of Homerville in a thunderstorm.
Ware County									
Waycross	28	1530EST			0	0	2K		Thunderstorm Wind (G45)
									A microburst damaged a scoreboard sign at Memorial Stadium.
Coffee County									
1 E Douglas	28	1635EST			0	0			Thunderstorm Wind (G50)
									Trees were blown down across Palmetto Road. Other trees were down along Highway 32 east of Nicholls.
Bacon County									
1 W Alma	28	1645EST			0	0			Thunderstorm Wind (G50)
									Numerous trees and power lines were blown down across western Bacon county. Reports of damage were received at the Satilla Power Company in Alma from 1730-1900 of widespread power outages.
Bacon County									
Alma	28	1649EST			0	0			Thunderstorm Wind (G50)
									Numerous tree limbs were reported down in Alma along Highway 32 East. The power was out in the city for two hours.
<u>GEORGIA, North and Central</u>									
Bartow County									
Cassville to	02	1539EST			0	0			Hail (0.75)
1 SE Cassville		1541EST							
									Channel 11 Television of Atlanta reported that the public had observed penny-sized hail in the Cassville area.
Houston County									
Warner Robins	02	1715EST			0	0			Hail (0.88)
		1721EST							
									An amateur radio operator reported nickel-sized hail in Warner Robins while the public reported penny-sized hail.
Douglas County									
Winston to	02	1757EST			0	0			Hail (0.75)
1 E Winston		1801EST							
									The public reported penny-sized hail at the Fairmount Food Store in Winston.
Douglas County									
Winston	02	1800EST			0	0	0.25K		Thunderstorm Wind (G39)
									The Douglas County 911 Center reported that one tree was blown down. Wind gusts were estimated by the public at 40 to 50 mph in the area at the time.
Clayton County									
Forest Park	02	1834EST			0	0	7K		Thunderstorm Wind (G39)
		1838EST							
									The Clayton County 911 Center reported that a couple of trees were blown down. One tree fell on and caused damage to a home while the other was down across a road.
De Kalb County									
Lithonia	02	1934EST			0	0			Hail (0.75)
		1939EST							
									The public reported penny-sized hail.
Bartow County									
Cartersville	02	1955EST			0	0	125K		Thunderstorm Wind (G52)
		1959EST							
									The Bartow County Emergency Management Director reported that a microburst or downburst of thunderstorm winds caused extensive damage to trees, power lines, homes, and automobiles on Cassville Road in Cartersville. The path of damage was approximately 200 yards wide and one-half mile long. A number of trees and power lines were blown down along the street. Several automobiles were damaged from downed trees and several roofs of homes were damaged.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GEORGIA, North and Central</u>									
Chattooga County									
1 NW Tidings to 1 E Tidings	04	1510EST 1513EST			0	0			Hail (0.75)
									The Floyd County Sheriff, while driving through southern Chattooga county on U.S. Highway 27, observed penny-sized hail.
Floyd County									
3 N Armuchee to 5 NE Rome	04	1517EST 1545EST			0	0			Hail (1.00)
									Several reports of hail ranging in size from pennies to quarters were reported across north Floyd county. The public reported quarter-sized hail north of Rome near Mount Berry and penny-sized hail was reported north of Armuchee. The Floyd County Sheriff also observed penny-sized hail while driving north of Armuchee on U.S. Highway 27 near the Chattooga county line. Pea-sized hail was reported by the public in the Shannon area.
Polk County									
Rockmart to 4 SE Rockmart	04	1628EST 1635EST			0	0			Hail (0.75)
									The public reported penny-sized hail.
Paulding County									
4 E Yorkville to New Hope	04	1641EST 1650EST			0	0			Hail (1.00)
									The public reported quarter-sized hail west of Dallas between Dallas and Yorkville and penny-sized hail in New Hope.
Haralson County									
Draketown	04	1658EST 1702EST			0	0			Hail (0.75)
									The public reported penny-sized hail.
Carroll County									
1 NW Villa Rica to 1 S Villa Rica	04	1713EST 1730EST			0	0			Hail (1.00)
									Amateur radio operators and the public reported penny to quarter-sized hail in the Villa Rica area.
Carroll County									
Villa Rica	04	1730EST 1735EST			0	0	0.50K		Thunderstorm Wind (G38)
									The public reported that five to six small trees were blown down.
Clayton County									
Lake City	12	1350EST			0	0	0.25K		Thunderstorm Wind (G35)
									The Lake City Police reported that one tree was blown down.
Hall County									
2 N Gainesville	12	1515EST			0	0			Hail (0.75)
									An officer with the Hall County Sheriff's Department observed penny-sized hail on the north side of Gainesville.
Pickens County									
4 SW Hinton to 6 SW Hinton	12	1551EST 1555EST			0	0			Thunderstorm Wind (G50)
									The public reported that six to eight trees were blown down.
Hall County									
4 NE Belmont	12	1608EST 1610EST			0	0	2K		Thunderstorm Wind (G50)
									The public reported that 10 trees were blown down in the area between Belmont and Gillsville in the eastern eastern part of the county near the Jackson county line.
Hall County									
2 NE Belmont to 4 NE Belmont	12	1620EST 1625EST			0	0			Hail (0.75)
									The public reported penny-sized hail.
Wilkes County									
3 SE Washington to 4 SE Washington	12	1645EST 1650EST			0	0			Hail (0.75)
									The Wilkes County Emergency Management Director reported penny-sized hail.
Catoosa County									
4 SE Ringgold to 6 SE Ringgold	19	1710EST 1715EST			0	0			Hail (0.75)
									The Catoosa County Emergency Management Director observed penny-sized hail in southeast Catoosa county from four to five miles southeast of Ringgold southeast to near Tunnel Hill on the Whitfield county line.

Storm Data and Unusual Weather Phenomena

June 2006

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

Whitfield County

Tunnel Hill	19	1710EST 1720EST			0	0			Hail (0.88)
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The public reported that nickel-sized hail fell for up to ten minutes in the Tunnel Hill area along the Whitfield/Catoosa county line. The hail covered the ground during the event.

Glascok County

5 ENE Gibson to 7 ENE Gibson	20	1745EST 1750EST			0	0	5K		Thunderstorm Wind (G52)
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A survey conducted by the National Weather Service and the Glascok County Emergency Management Director concluded that an apparent thunderstorm microburst or downburst resulted in 10 to 12 large trees being uprooted on the east side of Gibson. In addition, some windows were blown out of the porch of a home in the area. Another 15 to 80 trees were topped by high winds across a 2-mile wide area. A power pole was snapped when trees fell on the power line.

Emanuel County

Summertown to Modoc	21	1558EST 1615EST			0	0	0.50K		Hail (0.88)
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The Emanuel County Emergency Management Director reported that a good amount of nickel-sized hail was observed near Modoc. The hail damaged some windows in the area.

Muscogee County

Midland to 3 W Midland	21	1606EST 1612EST			0	0	1.5K		Thunderstorm Wind (G50)
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The Muscogee County 911 Center reported that at least six trees were down three miles west of Midland. The public reported that a fence was destroyed by the wind in Midland.

Emanuel County

Modoc	21	1609EST 1615EST			0	0	1K		Thunderstorm Wind (G39)
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The Emanuel County Emergency Management Director reported that thunderstorm winds blew down three to four trees in the area.

Stewart County

Richland to 3 SW Richland	21	1643EST 1655EST			0	0			Hail (0.75)
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The public reported penny-sized hail.

Treutlen County

4 E Five Points	21	1704EST 1706EST			0	0	3K		Thunderstorm Wind (G50)
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An official with the Treutlen county Fire and Rescue Department reported that thunderstorm winds blew some power lines down onto Interstate-16. Several trees were also down in the area. In addition, some shingles were blown off the roof of a home nearby.

Johnson County

Kite	21	2045EST			0	0	1.5K		Thunderstorm Wind (G39)
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The Johnson county Fire and Rescue Department reported that the roof was blown off a barn in the eastern part of the county.

Chattooga County

Lyerly to Tidings	22	1400EST 1434EST			0	0	1K		Thunderstorm Wind (G50)
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The Chattooga County 911 Center reported that at least six trees were blown down scattered about the county, but especially the southern sections. At least one tree was down on a road and another tree was down on a power service line next to a private residence. Several tree limbs were also down in the area.

Washington County

Tennille to 4 E Oconee	22	1405EST 1440EST			0	0	2K		Thunderstorm Wind (G50)
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The Washington County 911 Center reported that several trees were blown down around Tennille and southwest of Tennille, including a few which were down on Georgia Highway 68.

Coweta County

Newnan to 2 W Newnan	22	1410EST 1435EST			0	0			Hail (1.75)
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Several reports of hail, ranging in size from pennies to even one golf ball size, were received from the Newnan area. The public reported penny-sized hail at one location in the city, with golf ball-sized hail reported from the public at another location. The Newnan Times-Herald reported half-dollar-sized hail, and the Emergency Management Director reported quarter-sized hail. Much of the hail fell within the town square of the city. The largest hail fell mostly in the time frame of 310 pm EDT to 315 pm EDT, with mainly penny-sized hail reported after 315 pm EDT.

Washington County

Sandersville to 4 E Oconee	22	1410EST 1425EST			0	0			Hail (1.00)
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The Washington County 911 Center reported quarter-sized hail.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, North and Central</u>									
Carroll County									
Jake to Carrollton	22	1504EST 1512EST			0	0	5K		Thunderstorm Wind (G52)
The public reported that a downburst associated with a strong thunderstorm moved a Kingair aircraft fuselage on a stack of pallets at the West Georgia Regional Airport near Mount Zion northwest of Carrollton. The public also observed that several power lines were blown down near the airport. Ham radio operators reported that at least six trees were down on Georgia Highway 16 near Carrollton. The Carroll County 911 Center reported that a number of trees were down in many areas of the county. The public also noted that 1/4 to 1/2 inch hail for a period of 20-25 minutes during the storm.									
Twiggs County									
4 S Jeffersonville to Jeffersonville	22	1529EST 1541EST			0	0			Hail (0.88)
A deputy with the Twiggs County Sheriff observed nickel-sized hail.									
Twiggs County									
4 S Jeffersonville to Myricks Mill	22	1529EST			0	0	3K		Thunderstorm Wind (G39)
A deputy with the Twiggs County Sheriff's office reported that a few trees were down, mainly across the eastern portion of the county. The trees had brought down at least one power line. One large tree was also down in the city of Jeffersonville proper.									
Bibb County									
3 S Macon to Skipperton	22	1606EST 1636EST			0	0			Hail (0.75)
The public observed penny-sized hail on the south side of Macon.									
Meriwether County									
Primrose	22	1611EST			0	0	25K		Lightning
The Meriwether County Emergency Management Director reported that lightning struck and set a house on fire.									
Polk County									
Cedartown to Esom Hill	22	1613EST 1627EST			0	0			Hail (1.00)
The Polk County Fire and Rescue Department reported quarter-sized hail.									
Meriwether County									
Primrose to Stovall	22	1615EST 1627EST			0	0			Hail (0.88)
The Meriwether County Emergency Management Director reported nickel-sized hail.									
Troup County									
1 SE Mt Ville to Mt Ville	22	1627EST 1632EST			0	0			Hail (1.00)
The Troup County 911 Center reported quarter-sized hail.									
Crawford County									
11 ESE Horns to 9 ESE Knoxville	22	1644EST 1652EST			0	0	1.5K		Thunderstorm Wind (G39)
The Crawford County Emergency Management Director reported that two power lines were down in the east central and southeast part of the county, near and just north of Friendship. One of the power lines was down as the result of a tree falling on it. A few tree limbs were also down on one road in the area. Pea-sized hail was also observed in the same general area.									
Schley County									
3 S Ellaville to 1 N Ellaville	22	1742EST 1749EST			0	0	10K		Thunderstorm Wind (G50)
The Schley County Emergency Management Director reported that several trees were down in the area around Ellaville. A portion of a tree fell on a house in Ellaville and caused damage to the structure.									
Dooly County									
4 SW Byromville to 4 WSW Byromville	22	1745EST 1747EST			0	0	1K		Thunderstorm Wind (G39)
The Dooly County 911 Center reported that five trees were down. Pea-sized hail was also reported in the area.									
Sumter County									
7 NE Americus	22	1745EST 1747EST			0	0	25K		Thunderstorm Wind (G50)
The Sumter County Emergency Management Director reported that straight-line thunderstorm winds blew approximately half the roof off a school.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Madison County

Diamond Hill to Neese	22	1944EST 1948EST			0	0	50K		Thunderstorm Wind (G51)
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The Madison County 911 Center reported that an apparent microburst or downburst resulted in considerable damage along Planter-Gunnel Road and Jeff Davis Road in the southwest part of the county near Neese and Diamond Hill. On Planter-Gunnel Road, a portion of the back of a home was blown off. On Jeff Davis Road, the roof was blown off a barn and a tree was blown down onto a car. At other locations, large tree limbs were reported down. Pea-sized hail was also observed in the area.

Oglethorpe County

5 N Sandy Cross to Sandy Cross	23	1550EST 1600EST			0	0	1.5K		Thunderstorm Wind (G50)
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The Oglethorpe County 911 Center reported that three trees were blown down onto Georgia Highway 22 near Sandy Cross. Officials at the Watson Mill Bridge State Park, which straddles the Oglethorpe/Madison county line, reported that a few trees were down in the park on the Oglethorpe side of the line.

Peach County

Clopine	23	1612EST 1616EST			0	0	1K		Thunderstorm Wind (G39)
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The Peach County 911 Center reported that a home suffered some minor roof damage from thunderstorm wind gusts.

Pickens County

Jasper	23	1615EST			0	0	0.25K		Thunderstorm Wind (G35)
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The Pickens County 911 Center reported that one tree was blown down in the city.

Polk County

Prior	23	1615EST 1618EST			0	0	15K		Thunderstorm Wind (G42)
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The Polk County Fire and Rescue Department reported that two trees fell on a home.

Polk County

Prior	23	1618EST			0	0	1K		Lightning
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The Polk County Fire and Rescue Department reported that lightning struck a home. Resultant damage was minimal.

Bartow County

Taylorville to 1 NE Taylorville	23	1630EST 1637EST			0	0			Hail (0.88)
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The public reported nickel-sized hail.

Haralson County

Tallapoosa	23	1630EST			0	0			Lightning
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The Haralson County Sheriff's Department reported that lightning struck a trailer. No damage information was specified.

Haralson County

Tallapoosa	23	1630EST 1640EST			0	0	3K		Thunderstorm Wind (G42)
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The Tallapoosa Police Department reported that a couple of power lines were down in the city. The Haralson County Sheriff's Department reported that a couple of trees were down as well.

Henry County

3 E Mc Donough to 4 E Mc Donough	23	1656EST 1700EST			0	0			Hail (0.88)
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The public reported penny-sized hail.

GAZ032

Cobb	23	1710EST			0	0	15K		Strong Wind
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The public reported that strong wind gusts, associated with a well defined outflow boundary from upstream thunderstorms caused one large tree to be blown over onto a car in Smyrna as well as several other small trees in the same general area.

Fulton County

2 ENE Roswell to 1 S Alpharetta	23	1715EST 1750EST			0	0			Hail (0.75)
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The public reported penny-sized hail from Roswell to Alpharetta. In addition, wind gusts to 50 mph were estimated during the thunderstorm.

Newton County

Oak Hill	23	1723EST 1727EST			0	0			Hail (1.00)
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The public reported quarter-sized hail.

Storm Data and Unusual Weather Phenomena

June 2006

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

Newton County

2 NW Oak Hill to Oak Hill	23	1723EST 1736EST			0	0			Thunderstorm Wind (G50)
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Several reports of wind damage were received from the public and the Newton County 911 Center. The public reported that several trees had been uprooted on Hardeman Lane in Oak Hill and some fences were blown down. Another public report indicated that yet another large tree had been uprooted at another location in Oak Hill. The Newton County 911 Center reported that two large trees were blown down near the intersection of Georgia Highways 212 and 20, just northwest of Oak Hill near the Rockdale county line.

Douglas County

Lithia Spgs to Douglasville	23	1730EST 1735EST			0	0	15K		Thunderstorm Wind (G39)
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The Douglas County 911 Center reported that five large trees were blown down, four in Lithia Springs and one in Douglasville. The large downed tree in Douglasville fell on a home causing damage to the structure.

Cobb County

5 ESE Marietta	23	1745EST 1752EST			0	0	1K		Thunderstorm Wind (G39)
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The public reported that several small Bradford Pear trees were blown down at Wheeler High School/East Cobb Middle School. A larger tree was down on a power line along Holt Road in the same area.

Cherokee County

3 SW Canton	23	1800EST			0	0	150K		Lightning
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The Cherokee County Emergency Management Director reported that a home in the Bridgemill Community was destroyed as a result of a lightning strike.

Walton County

3 S Loganville	23	1810EST 1812EST			0	0	1K		Thunderstorm Wind (G39)
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The public reported that two large trees were blown down and about a dozen more had large branches broken out of them along Gum Church Road.

Gwinnett County

1 W Lawrenceville to Lawrenceville	23	1826EST 1830EST			0	0			Hail (0.75)
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The public reported penny-sized hail.

Pike County

Concord to Zebulon	23	1900EST 1908EST			0	0	2K		Thunderstorm Wind (G50)
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The Pike County Emergency Management Director reported that a number of trees had been blown down onto Georgia Highway 18 between Concord and Zebulon.

Floyd County

6 N Rome to Shannon	24	1800EST 1830EST			0	0	1K		Thunderstorm Wind (G39)
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The Floyd County Emergency Management Director reported that two to three trees and one power line were blown down by thunderstorm winds in the north part of the county between Armurchee and Shannon.

Cherokee County

2 NE Canton	24	2010EST			0	0	35K		Lightning
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The Cherokee County Emergency Management Director reported that a lightning strike to a home in the Keithburg Community resulted in a fire causing significant damage to the structure.

Dawson County

Juno to Amicalola	25	1001EST 1012EST			0	0	1K		Thunderstorm Wind (G39)
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The Dawson County 911 Center reported that a few trees were down.

Lumpkin County

Countywide	25	1015EST 1200EST			0	0	1.5K		Thunderstorm Wind (G32)
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The Lumpkin County 911 Center reported that repeated thunderstorms with gusty winds and heavy rain resulted in seven to eight trees being blown down scattered about the county. The events occurred during a rather large span in time, mostly between 10 am and noon EDT, and were not associated with any one storm. Heavy rain and saturated ground contributed to the downed trees.

Storm Data and Unusual Weather Phenomena

June 2006

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

Dawson County

Northeast Portion	25	1130EST 1400EST			0	0	5K		Flash Flood
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The Dawson County Emergency Management Director reported that repeated heavy rainfall over the northeast portion of the county caused two roads to be flooded and closed. Estimated rainfall of three to five inches fell between 1000 am EDT and 1 pm EDT. This caused Cochrans Creek in northeast Dawson county to flood New Hope Road and Turnology Branch Road. Several other small creeks and streams in the area, including Gap Creek, also flooded. Minor flooding was also reported on Bailey Waters Road near Georgia Highway 136. The area most affected was between Juno and Amicalola Falls. Damage was minor and confined mainly to debris cleanup and minor road repair.

Lumpkin County

Southwest Portion	25	1200EST 1415EST			0	0	1K		Flash Flood
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The Lumpkin County 911 Center reported that heavy rainfall in the far southwest corner of the county, southwest of Nimblewill and near the Dawson county line had resulted in flooding of Little Mountain Road. A culvert under the road was washed out and the road had to be closed as a result.

Douglas County

Winston	25	1240EST			0	0	0.25K		Lightning
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The public reported that a lightning strike split a large oak tree and caused the tree to fall.

Douglas County

Winston	25	1240EST 1246EST			0	0	1K		Thunderstorm Wind (G39)
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The public reported that four trees were blown down at a private residence.

Muscogee County

Columbus to Ft Benning Jct	25	1630EST 1645EST			0	0	25K		Thunderstorm Wind (G50)
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The Muscogee County 911 Center reported that a thunderstorm downburst downed a number of trees throughout the western portion of the county, including much of the Columbus metropolitan area and the northern portions of Fort Benning. The storm tracked roughly along and just east of the Alabama state line. Several power lines were also down as a result of the downed trees and a few homes had also sustained minor structural damage as a result of downed trees.

Banks County

4 S Homer to Banks Crossing	25	1430EST 1700EST			0	0	5K		Flash Flood
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The Banks County Emergency Management Director reported that heavy rainfall on the order of 2-4 inches in a 2-3 hour period had resulted in flooding of Grove Creek in southern Banks county and also in the Banks Crossing area on U.S. Highway 441. Willis Horton Road, a gravel road, was washed out. A couple of other roads were closed in the area because of high water. Flooding from Crooked Creek in the area likely also contributed to the incident.

Jackson County

3 N Commerce to 3 NNW Commerce	25	1445EST 1715EST			0	0	1K		Flood
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The Banks County Emergency Management Director also reported flooding in extreme eastern Jackson county near the Banks county line in the Banks Crossing area north of Commerce along Interstate-85. Ridgeway Church Road was closed because of flooding and water was flowing across other roads in the same area. Some individuals had to be rescued from high water in the area. Radar estimated rainfall of 2-4 inches was noted in a 2-3 hour period across this area.

Lumpkin County

6 SE Dahlonega	26	1340EST			0	0	0.25K		Thunderstorm Wind (G31)
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The Lumpkin County 911 Center reported that one tree was blown down on Old Dahlonega Highway in the southeast part of the county.

Bibb County

4 SW Macon to 1 S Macon	26	1505EST 1515EST			0	0	2K		Thunderstorm Wind (G50)
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The Bibb County 911 Center reported that several, more than six, trees were down on the south and southwest side of Macon, including one large tree down on Interstate-475.

Houston County

Centerville	26	1510EST 1511EST			0	0	0.50K		Thunderstorm Wind (G39)
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The Houston County 911 Center reported that a large tree was blown down and was partially blocking a road.

Floyd County

Rome	26	1633EST 1635EST			0	0			Hail (1.00)
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The Floyd County Emergency Management Director reported pea to quarter-sized hail. Only a very small amount of hail larger than pennies was observed.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, North and Central</u>									
Walker County									
5 NE La Fayette to 6 E La Fayette	30	1534EST 1542EST			0	0			Hail (0.75)
		The public reported penny-sized hail.							
Catoosa County									
2 NW Indian Springs to 3 SW Indian Springs	30	1550EST 1600EST			0	0			Hail (0.75)
		The public reported penny-sized hail.							
Floyd County									
Silver Creek to Brice	30	1752EST 1758EST			0	0			Hail (1.00)
		The public reported quarter-sized hail in the Silver Creek area and southward toward the Polk county line.							
Catoosa County									
1 N Ft Oglethorpe to Ft Oglethorpe	30	1846EST 1851EST			0	0			Hail (1.00)
		The public reported quarter-sized hail northwest of Ringgold.							
Gilmer County									
6 ENE Ellijay to 7 E Ellijay	30	1941EST 1945EST			0	0			Hail (0.75)
		The public reported penny-sized hail on the east side of Ellijay.							
<u>GEORGIA, Northeast</u>									
Hart County									
3 N Hartwell	22	2010EST			0	0			Thunderstorm Wind (G55)
		Two power poles blown down on Reed Creek highway.							
Rabun County									
Tiger	23	1441EST			0	0			Thunderstorm Wind (G50)
		Several trees blown down on Bridgecreek Rd in the Tiger area.							
Hart County									
5 NW Hartwell	23	1645EST			0	0			Thunderstorm Wind (G50)
		Several trees blown down in the Shoal Creek area.							
<u>GEORGIA, Southeast</u>									
Tattnall County									
Tison	02	1904EST			0	0			Hail (1.00)
Candler County									
Metter	02	1948EST			0	0	5K		Thunderstorm Wind (G50)
		Trees down in Metter.							
Candler County									
Metter	02	2000EST			0	0	10K		Thunderstorm Wind (G50)
		Trees down countywide.							
Screven County									
8 SW Sylvania	02	2030EST			0	0	1K		Thunderstorm Wind (G50)
		Large tree down across Buttermilk Road.							
Screven County									
9 ESE Hilltonia	02	2055EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down across power lines on Pinegrove and Sweetheart Roads.							
Bulloch County									
Clito	04	1855EST			0	0			Hail (1.00)
Long County									
Ludowici	04	2230EST			0	0			Hail (0.75)
Bryan County									
Pembroke	04	2255EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down on Lanier St, Harry Hagan Street.							
Chatham County									
Pooler	04	2325EST			0	0	2K		Thunderstorm Wind (G50)
		Numerous trees down on I-95 at exit 104.							
Bryan County									
Pembroke	04	2245EST			0	0	1K		Thunderstorm Wind (G50)
		Tree down on Route 67.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, Southeast</u>									
Bryan County 3 E Pembroke	04	2255EST			0	0			Hail (0.88)
Long County 9 SE Ludowici	04	2300EST			0	0	2K		Thunderstorm Wind (G50)
Large oak tree down in yard.									
Chatham County Bloomingdale	04	2335EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees down.									
Liberty County 5 SE Seabrook	04	2343EST			0	0	1K		Thunderstorm Wind (G50)
Trees down at Lockwood Marina.									
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
	12	1600EST			0	0			Tropical Storm
	14	0400EST							
Tropical Storm Alberto formed off the western tip of Cuba and moved north into the northeast Gulf of Mexico June 12th. Alberto made landfall in the Florida Big Bend on the 13th and the moved north into Southern Georgia. Tropical storm force winds affected the Georgia coast the afternoon and evening on the 13th into the morning of the 14th. Winds were as strong as 40 mph in many locations mainly near the coast. Rainfall totaled 3 to 5 inches across portions of southeast Georgia mainly along the Interstate 95 corridor with isolated rain totals near 7 inches. Rainbands produced 2 tornadoes including a F1 tornado in Savannah. Storm affects to the coast were minimal.									
Chatham County 2.5 ESE Thunderbolt to 2 E Thunderbolt	13	1215EST 1217EST	0.5	175	0	0	500K		Tornado (F1)
NWS damage survey confirms tornado touchdown 1.5 miles south of Riverside at 115 PM. The tornado lifted and touched down a couple of times before finally lifting about 1 mile south of Riverside at 117 PM. The tornado occurred in the Bradley Point subdivision. The tornado snapped off huge oak trees and large branches. 15 to 20 homes and several vehicles were damaged by the falling trees and limbs. The path length was about 1/2 mile with a maximum width of 175 yards. The tornado was rated F1 with winds estimated in the 100 to 110 mph range.									
Effingham County 3 S Springfield to 2.5 S Springfield	13	1537EST	0.5	50	0	0	5K		Tornado (F0)
Damage survey confirms F0 tornado touchdown 3 miles south of Springfield. Tornado path was near 0.5 miles long with a width of 50 yards. Track was near the intersection of Little McCall Road and Courthouse Road. Tree damage was observed with minor roof damage and damage to a carport. Winds estimated at 60 to 70 mph.									
McIntosh County 10 N Crescent	28	1530EST			0	0			Hail (1.00)
Hail reported at Harris Neck National Wildlife Refuge.									
<u>GEORGIA, Southwest</u>									
GAZ146>148-156>161									Colquitt - Cook - Berrien - Decatur - Grady - Thomas - Brooks - Lowndes - Lanier
	12	1200EST			0	0			Tropical Storm
	14	1200EST							
Tropical Storm Alberto weakened to a depression early on June 14 as it moved northward over eastern Georgia. The maximum 2-minute wind of 18 knots, peak wind gust of 25 knots, and minimum sea level pressure of 1000.6 millibars were observed at Valdosta on June 13. Rainfall for the 48-hour period ending at 8 am EDT on June 14 ranged from 0.42 inches at Iron City to 3.87 inches at Quitman. No damage was reported by the affected county EMAs.									
Early County 1 N Damascus	22	1710EST			0	0	0.50K		Thunderstorm Wind (G50)
The Early County Sheriff reported a few trees down along Highways 200 and 45.									
Miller County 2 S Colquitt	22	1730EST			0	0	0.50K		Thunderstorm Wind (G50)
The Miller County Sheriff reported a few trees down on Twilight Church Road.									
Quitman County Georgetown	22	1745EST			0	0	2K		Thunderstorm Wind (G55)
Several downed trees reported by the Quitman County Sheriff.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, Southwest</u>									
Dougherty County									
1 S Albany	25	1915EST 1920EST			0	0			Hail (1.00)
A county official reported nickel to quarter size hail.									
Dougherty County									
1 S Albany	25	1915EST 1920EST			0	0	10K		Thunderstorm Wind (G55)
A county official reported some downed trees and power lines, including several power outages.									
Dougherty County									
2 S Albany	25	2030EST 2130EST			0	0			Flash Flood
A trained spotter reported many ditches, fields and poor drainage areas flooded from several inches of rain in less than two hours.									
Mitchell County									
5 NE Camilla	25	2130EST 2230EST			0	0			Flash Flood
A trained spotter reported many ditches, fields and poor drainage areas flooded from several inches of rain in less than two hours.									
Grady County									
Southwest Portion	25	2210EST 2230EST			0	0	5K		Thunderstorm Wind (G50)
The Grady County Sheriff reported a few downed trees and power lines near Nickleville and Calvary.									
Lowndes County									
Clyattville	26	2005EST 2006EST			0	0	10K		Thunderstorm Wind (G55)
A large outdoor video screen at Wild Adventures Theme Park was damaged.									
<u>GULF OF MEXICO</u>									
Tampa Bay									
Old Tampa Bay	01	1515EST			0	0			Marine Tstm Wind
At trained spotter estimated a 60 MPH wind gust near the Gandy Bridge in St. Petersburg.									
W End Of The 7 Mile Bridge To Key W Out 20Nm									
5 ESE Big Pine Key	02	0615EST 0617EST			0	0			Waterspout
State park ranger reported 2 waterspouts 2 miles west southwest of Bahia Honda Key.									
Gulf Side Of The Lower Keys Out 20Nm									
1 N Key West	02	1013EST 1016EST			0	0			Waterspout
A trained spotter and air traffic control personnel at Key West International Airport reported a thin waterspout 1 mile north of Key West.									
Mobile Bay									
Pinto Island	02	1325CST 1327CST			0	0			Marine Tstm Wind
Mobile Bay									
Pinto Island	02	1500CST 1505CST			0	0			Marine Tstm Wind
Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm									
45 E Venice	02	2026CST			0	0			Marine Tstm Wind
W End Of The 7 Mile Bridge To Key W Out 20Nm									
8 WSW Big Pine Key	03	0601EST 0606EST			0	0			Waterspout
A mariner and a trained spotter reported a waterspout 1 mile southeast of Cudjoe Key.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GULF OF MEXICO</u>									
Ocean Reef To Craig Key Fl Out 20Nm									
1 S Key Largo	05	1010EST			0	0			Waterspout
A trained spotter observed 2 well-developed waterspouts 1 mile south of Pennekamp State Park.									
Bonita Beach To Englewood Fl Out 20Nm									
6.9 NW Gasparilla Pass	05	1023EST 1028EST			0	0			Waterspout
A trained spotter reported a waterspout 5 miles south southwest of Englewood.									
Lake Ponchartrain And Lake Maurepas E Lake Pontchartrain									
	07	1335CST 1340CST			0	0			Waterspout
A waterspout was observed near the Interstate 10 Twin Spans Bridge.									
Key W To Dry Tortugas Waters									
7 NE Dry Tortugas	10	2230EST			0	0			Marine Tstm Wind
Wind gust 47 knots (54 mph) measured at Pulaski Shoal Light C-MAN.									
Florida Bay 6 ENE Duck Key									
	10	2250EST			0	0			Marine Tstm Wind
Wind gust 52 knots (60 mph) measured at Long Key C-MAN station.									
Florida Bay 6 ENE Duck Key									
	10	2330EST			0	0			Marine Tstm Wind
Wind gust 52 knots (60 mph) measured at Long Key C-MAN station.									
Key W To Dry Tortugas Waters									
10 SW Key West	11	0107EST			0	0			Marine Tstm Wind
Wind gust 35 knots (40 mph) measured at Sand Key Light C-MAN station.									
Key W To Dry Tortugas Waters									
7 NE Dry Tortugas	11	0605EST			0	0			Marine Tstm Wind
Wind gust 39 knots (45 mph) measured at Pulaski Shoal Light C-MAN Station.									
Key W To Dry Tortugas Waters									
10 SW Key West	11	0608EST			0	0			Marine Tstm Wind
Wind gust 59 knots (68 mph) measured at Sand Key Light C-MAN Station.									
Key W To Dry Tortugas Waters									
10 SW Key West	11	0720EST			0	0			Marine Tstm Wind
Wind gust 38 knots (44 mph) measured at Sand Key C-MAN Station.									
W End Of The 7 Mile Bridge To Key W Out 20Nm									
Key West	11	0746EST			0	0			Marine Tstm Wind
Wind gust 42 knots (48 mph) measured at Key West International Airport.									
Ocean Reef To Craig Key Fl Out 20Nm									
8 SSE Key Largo	11	0740EST			0	0			Marine Tstm Wind
Wind gust 34 knots (39 mph) measured at Molasses Reef C-MAN Station.									
Galveston Bay 6 SE Eagle Point									
	11	0745CST			0	0			Waterspout
Key W To Dry Tortugas Waters									
7 NE Dry Tortugas	11	1230EST			0	0			Marine Tstm Wind
Wind gust 47 knots (54 mph) measured at Pulaski Shoal Light C-MAN.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>GULF OF MEXICO</u>							
Tampa Bay							
Middle Tampa Bay	11	1243EST			0 0		Marine Tstm Wind
The wind gust was measured at the Albert Whitted Airport in St. Petersburg. Other reports around Tampa Bay included 42 knots at the MacDill Airforce Base and 36 knots at the St Petersburg/Clearwater International Airport.							
Englewood To Tarpon Springs Fl Out 20Nm							
12 NNE Clearwater Bay	11	1248EST			0 0		Marine Tstm Wind
The wind gust was measured at the COMPS station at the Fred Howard Park.							
Tarpon Springs To Suwannee River Fl Out 20Nm							
Homossassa River	11	1336EST			0 0		Marine Tstm Wind
The wind gust was measured at the COMPS station on the Homossassa River.							
Key W To Dry Tortugas Waters							
7 NE Dry Tortugas	12	0927EST			0 0		Marine Tstm Wind
Wind gust 34 knots (39 mph) measured at Pulaski Shoal Light C-MAN.							
Key W To Dry Tortugas Waters							
7 NE Dry Tortugas	12	1053EST			0 0		Marine Tstm Wind
Wind gust 35 knots (40 mph) measured at Pulaski Shoal Light C-MAN Station.							
Atchafalaya R To Intracoastal City La Out 20Nm							
42 SW Atchafalaya Bay	12	2145CST			0 0		Marine Tstm Wind
An offshore oil rig recorded a wind gust of 80 mph.							
Atchafalaya R To Intracoastal City La 20 To 60Nm							
97 S Marsh Island	12	2345CST			0 0		Marine Tstm Wind
An offshore oil rig recorded a wind gust of 50 mph.							
Cameron La To High Is Tx 20 To 60Nm							
30 S Cameron	16	1215CST			0 0		Waterspout
A waterspout was observed by people on an offshore oil rig.							
Cameron La To High Is Tx Out 20Nm							
20 S Cameron	16	1220CST			0 0		Marine Tstm Wind
An offshore oil rig recorded a wind gust of 45 mph.							
W End Of The 7 Mile Bridge To Key W Out 20Nm							
11 WSW Big Pine Key	16	1320EST			0 0		Waterspout
Waterspout reported by a trained spotter 3 miles southwest of Cudjoe Key.							
Intracoastal City La To Cameron La Out 20Nm							
16 S Cameron	16	1329CST			0 0		Waterspout
A waterspout was observed by people on an offshore oil rig.							
Cameron La To High Is Tx Out 20Nm							
21 SSE Cameron	19	0815CST			0 0		Marine Tstm Wind
An offshore oil rig recorded a wind gust of 40 mph.							
Galveston Bay North Jetty							
North Jetty	20	0500CST			0 0		Marine Tstm Wind
Measured at North Jetty PORTS.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GULF OF MEXICO</u>									
W End Of The 7 Mile Bridge To Key W Out 20Nm									
10 ESE Key West	20	0737EST 0745EST			0	0			Waterspout
Waterspout observed by an off-duty NWS employee and US Navy observer 2 miles south of Big Coppitt Key.									
Chokoloskee To Bonita Beach Fl Out 20Nm									
21 E Marco Island	21	1639EST			0	0			Marine Tstm Wind
Wind gust to 44 knots (51 mph) recorded at HANDAR station in Everglades City (KEGC).									
Tampa Bay Hillsborough Bay									
	21	1815EST 1823EST			0	0			Waterspout
There were numerous reports of a waterspout between Davis Island and Gibsonton.									
W End Of The 7 Mile Bridge To Key W Out 20Nm									
6 ESE Key West	21	1926EST 1933EST			0	0			Waterspout
Waterspout observed by an off-duty NWS employee 2 miles south of Stock Island.									
Atchafalaya R To Intracoastal City La Out 20Nm									
28 S Atchafalaya Bay	24	0702CST			0	0			Waterspout
An offshore vessel reported seeing a waterspout.									
Atchafalaya R To Intracoastal City La Out 20Nm									
28 S Atchafalaya Bay	24	0805CST			0	0			Marine Tstm Wind
An offshore oil rig recorded a wind gust of 40 mph.									
Atchafalaya R To Intracoastal City La Out 20Nm									
28 S Atchafalaya Bay	24	0915CST			0	0			Marine Tstm Wind
An offshore oil rig recorded a wind gust of 46 mph.									
Craig Key To The W End Of The 7 Mile Bridge Out 20Nm									
6 SSW Marathon to 7 S Marathon	24	1347EST 1405EST			0	0			Waterspout
Waterspout reported by an off-duty NWS employee near Sombrero Key Light.									
Tampa Bay Old Tampa Bay									
	24	1454EST			0	0			Marine Tstm Wind
The wind gust was measured at the Old Port Tampa PORTS station.									
Tampa Bay Hillsborough Bay									
	24	1455EST			0	0			Marine Tstm Wind
The wind gust was measured at the ASOS at the MacDill Air Force Base.									
Tampa Bay Middle Tampa Bay									
	24	1504EST			0	0			Marine Tstm Wind
The wind gust was measured at the Albert Whitted Airport in St. Petersburg.									
Tampa Bay Lower Tampa Bay									
	24	1524EST			0	0			Marine Tstm Wind
The wind gust was measured at the PORTS station near the Sunshine Skyway Bridge.									

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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>GULF OF MEXICO</u>									
W End Of The 7 Mile Bridge To Key W Out 20Nm									
.5 S Key West	25	0951EST 1006EST			0	0			Waterspout
Monroe County Sheriffs Office security detail at Key West International Airport reported a waterspout one half mile south of Key West.									
Mobile Bay Pinto Island									
	25	1515CST 1517CST			0	0			Marine Tstm Wind
Suwannee R To Apalachicola FI Out 20Nm									
10 ENE Panacea	25	1845EST 1850EST			0	0			Waterspout
The public reported two waterspouts near the entrance to the St. Marks River.									
Suwannee R To Apalachicola FI Out 20Nm									
30 NW Keaton Beach	25	1900EST 1945EST			0	0			Waterspout
The public reported eight waterspouts off the Hickory Mound Impoundment.									
Corpus Christi To Baffin Bay									
Port Aransas	26	1523CST			0	0			Marine Tstm Wind
Matagorda Ship Chnl To Pt Aransas Out 20Nm									
Port Aransas	26	1523CST			0	0			Marine Tstm Wind
Pt Aransas To Baffin Bay Tx Out 20Nm									
Port Aransas	26	1523CST			0	0			Marine Tstm Wind
Pt O'Connor To Aransas Pass									
Port Aransas	26	1523CST			0	0			Marine Tstm Wind
W End Of The 7 Mile Bridge To Key W Out 20Nm									
40 SW Big Pine Key	27	0037EST			0	0			Marine Tstm Wind
A mariner reported via Internet-based marine report form a sustained wind of 26 knots gusting to 45 knots during a thunderstorm 39 miles south of Sugarloaf Key.									
Gulf Side Of The Lower Keys Out 20Nm									
5 NE Key West	28	1304EST 1309EST			0	0			Waterspout
Waterspout reported by off-duty NWS employee 5 miles northeast of Key West.									
Gulf Side Of The Lower Keys Out 20Nm									
2 N Key West	28	1308EST 1323EST			0	0			Waterspout
Waterspout observed by off-duty NWS employee 2 miles north of Key West.									
Gulf Side Of The Lower Keys Out 20Nm									
6 NE Key West	28	1313EST 1323EST			0	0			Waterspout
Waterspout observed by US Navy Weather Observer 4 miles north-northwest of Boca Chica.									

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GULF OF MEXICO

Gulf Side Of The Lower Keys Out

20Nm

2 N Key West

29

1720EST
1725EST

0

0

Waterspout

Waterspout observed by NWS personnel 2 miles north of Key West.

HAWAII

HIZ001>003-
005>006-013>014-
016-018>021-023>025

Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Molokai Leeward - Lanai
Makai - Kahoolawe - Maui Leeward West - Maui Central Valley - Windward Haleakala - Leeward Haleakala
- Kona - South Big Island - Big Island North And East

14 0600HST

0

0

High Surf

15 0800HST

A storm low off the east coast of New Zealand generated surf of 6 to 10 feet along the south shores of all the Hawaiian Islands. There were no reports of serious injuries or property damage.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

Clearwater County

5 WNW Ahsahka

02

1200PST
1203PST

0

0

Thunderstorm Wind (G60)

Clearwater County

5 E Orofino

02

1310PST
1315PST

0

0

Thunderstorm Wind (G60)

Thunderstorms developed in the afternoon across North Central Idaho. Two of these storms were severe with strong winds falling trees and damaging a television antenna near Orofino creek. Heavy rain also accompanied the storms.

Idaho County

Cottonwood

04

0946PST

0

0

Hail (0.75)

Idaho County

12 ENE Kooskia

04

1017PST

0

0

Thunderstorm Wind (G60)

Idaho County

16 SE Elk City

04

1025PST

0

0

Thunderstorm Wind (G60)

Lemhi County

Salmon

04

1410MST
1415MST

0

0

Thunderstorm Wind (G60)

Unusual severe thunderstorms in the morning and early afternoon brought damaging winds and hail to portions of North Central Idaho. Several large trees were knocked down in Idaho County, causing some power outages. Penny sized hail covered the ground in Cottonwood. The roof was blown off a house in Salmon as the result of thunderstorm outflows as well.

IDAHO, Northwest

Bonner County

1 S Priest River

02

1229PST

0

0

Thunderstorm Wind (G52)

Strong winds associated with a thunderstorm blew down several trees along Priest River Road.

Benewah County

6 NW Tensed

13

0715PST
0720PST

0

0

Hail (0.88)

Kootenai County

2 E Worley

13

0715PST

0

0

Hail (0.75)

Kootenai County

Post Falls

13

0728PST
0740PST

0

0

Hail (1.75)

Kootenai County

Hauser

13

0730PST
0800PST

0

0

Thunderstorm Wind (G61)

During the morning of June 13th a severe thunderstorm tracked out of southeast Washington into north Idaho. In Kootenai county, hail as large as golf ball size was observed in Post Falls. In addition, winds from this storm knocked down a row of tall pine trees near the intersection of highway 53 and Hauser Lake Road.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IDAHO, Northwest</u>									
Boundary County									
Bonnors Ferry	16	2300PST			0	0			Flood
	22	1500PST							
The Kootenai River at Bonnors Ferry, rose above flood stage at 11 PM PST June 16th, peaked at 66.63 feet (2.63 feet above flood stage) at 10 PM PST on June 18th, and fell to below flood stage at 3 PM PST on June 22nd. Significant agricultural flood losses resulted from the flood, with at least 2.5 million dollars worth of damage.									
<u>IDAHO, Southeast</u>									
Blaine County									
Hailey	08	0600MST			0	0			Flood
	10	0900MST							
The Big Wood River at Hailey went above flood stage at 6.0 feet on June 8th and peaked at 6.05 feet on June 9th at 7:15 am and dropped below flood stage on June 10th. No damage was reported with this event.									
Cassia County									
1 SW Burley	11	1635MST 1640MST			0	0			Hail (0.75)
Cassia County									
Burley	13	1551MST 1620MST			0	0			Thunderstorm Wind (G50)
Less than 1/4 mile visibility in Burley with wind gusts of 50 knots.									
Lincoln County									
Shoshone	13	1555MST 1625MST			0	0			Thunderstorm Wind (G50)
Branches breaking off trees and power outages reported.									
Lincoln County									
1 NE Richfield	13	1618MST 1625MST			0	0			Thunderstorm Wind (G50)
Minidoka County									
Rupert	13	1618MST 1628MST			0	0			Thunderstorm Wind (G60)
Branches breaking off trees with near zero visibility in blowing dust reported.									
Fremont County									
5 SW Chester	14	0740MST 0750MST			0	0			Hail (0.75)
Caribou County									
Grace	14	0750MST 0800MST			0	0			Hail (0.75)
Caribou County									
3 W Soda Spgs	14	0810MST 0820MST			0	0			Hail (0.75)
Bonneville County									
Swan Vly	14	0840MST 0846MST			0	0			Hail (0.88)
Bonneville County									
Swan Vly	14	0855MST 0900MST			0	0			Hail (0.75)
Bonneville County									
Palisades	14	0855MST 0900MST			0	0			Hail (0.75)
Teton County									
3 S Driggs	14	0912MST 0915MST			0	0			Hail (0.75)
Jefferson County									
6 N Montevue	30	1902MST 1915MST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IDAHO, Southwest									
Adams County 2 W Bear to 12 NE Bear	04	1120MST 1140MST	12	1760	0	1	100K		Tornado (F2)
F2 Tornado started at 2 miles west of Bear and moved to 12 miles north east of Bear. Extensive forest damage but minimal structural damage to homes. 1 pickup truck destroyed. Trees down in camp site destroyed tents and camping gear. Injury to one individual with a broken collar bone.									
Twin Falls County Hollister	08	1135MST 1145MST			0	0			Hail (0.88)
Nickel size hail from spotter in Hollister									
Twin Falls County 2 N Hollister	08	1420MST 1615MST			0	0			Flash Flood
Flash flooding on U.S. Highway 93 2 miles north of Hollister									
Camas County Fairfield	09	1250MST 1330MST			0	0			Flash Flood
Flash flooding on Highway 20 near Fairfield reported by sheriff's deputy.									
Camas County Fairfield	09	1253MST 1311MST			0	0			Hail (0.88)
Nickel size hail reported by spotter. Hail 1 to 2 inches deep covering parts of Highway 20 west of Fairfield.									
Owyhee County De Lamar	13	1400MST 1405MST			0	0			Hail (0.75)
Owyhee County Homedale Muni Arpt	13	1410MST 1415MST			0	0			Hail (1.00)
Ada County 5 S Boise	13	1530MST			0	0			Hail (1.25)
Canyon County 5 SW Middleton	13	1530MST 1535MST			0	0			Hail (1.00)
Ada County Boise	13	1535MST 1545MST			0	0			Hail (1.00)
Boise County 6 NE Horseshoe Bend	13	1605MST 1607MST			0	0			Hail (1.00)
Boise County 1 SE Banks	13	1630MST 1635MST			0	0			Hail (1.00)
Valley County Cascade	13	1650MST 1655MST			0	0			Hail (1.00)
Valley County 3.5 SW Donnelly	13	1750MST 1758MST			0	0			Hail (0.75)
Valley County 25 NW Yellow Pine	13	1815MST 1823MST			0	0			Hail (0.75)
Deep shear aloft destabilized the airmass sufficiently for supercell thunderstorm development across parts of Idaho and Southeast Oregon. Reports of 1 inch hail were common including a few funnel cloud sightings, and gradient winds of over 50 MPH in the extreme eastern portion of the County Warning Area.									
IDZ016-030									
	13	1500MST 1615MST			0	0			High Wind (G54)
Tree and roof damage from gradient winds associated with synoptic episode which also produced supercell development across the County Warning Area.									

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Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
IDAHO, Southwest									
Canyon County Countywide	29	1410MST 1445MST			0	0			Thunderstorm Wind (G60)
Payette County Countywide	29	1410MST 1430MST			0	0			Thunderstorm Wind (G60)
Owyhee County 8 S Marsing to 4 S Marsing	29	1419MST 1425MST			0	0			Hail (0.88)
Ada County Countywide	29	1425MST			0	0			Thunderstorm Wind (G60)
Owyhee County 4 S Oreana	29	1425MST 1430MST			0	0			Thunderstorm Wind (G60)
Very moist airmass combined with a well defined vorticity center and maximum day time heating to produce widespread pulse thunderstorms yielding numerous reports of nickle size hail and wind damage including downed trees and power lines.									
ILLINOIS, Central									
McLean County 5 SE Danvers to 5.2 SE Danvers	02	1320CST 1321CST	0.2	30	0	0			Tornado (F0)
A tornado briefly touched down in a field. No damage was reported.									
McLean County Heyworth	02	1400CST			0	0			Hail (0.75)
De Witt County Wapella	02	1415CST			0	0			Hail (0.75)
Shelby County Moweaqua	02	1541CST 1545CST			0	0			Hail (1.25)
Christian County Stonington	03	1441CST			0	0			Hail (1.75)
Christian County Pana	03	1520CST 1528CST			0	0			Hail (0.75)
Pea to penny size hail covered the ground.									
Christian County Pana	03	1527CST			0	0			Hail (1.00)
Lawrence County Chauncey	03	1705CST			0	0			Hail (1.00)
McLean County Bloomington	17	1630CST			0	0			Thunderstorm Wind (G55)
A few trees were blown down at Miller Park. In addition, several power lines were blown down on the south side of town.									
Edgar County Countywide	18	1645CST 1800CST			0	0			Flash Flood
Up to 5 inches of rain fell in approximately one hour and produced widespread flooding. Several roads in the county had one foot of water flowing over them for a time. A few basements were flooded in Paris.									
Clay County 3 S Flora	18	1709CST			0	0			Thunderstorm Wind (G60)
A mobile home was flipped over. Also, several large tree limbs were blown down.									
McLean County Stanford	19	1345CST			0	0			Hail (1.00)
McLean County Stanford	19	1345CST			0	0			Thunderstorm Wind (G52)
Several tree limbs were blown down.									
McLean County Bloomington	19	1400CST 1412CST			0	0			Hail (1.00)

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June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ILLINOIS, Central</u>									
McLean County 3 E Shirley to 2 NE Shirley	19	1400CST 1408CST			0	0			Hail (0.88)
McLean County Bloomington	19	1402CST 1412CST			0	0			Thunderstorm Wind (G52)
Several large tree limbs were blown down in Miller Park. In addition, a large tree was blown down at the Highland Park Golf Course.									
McLean County 2 W Downs to Downs	19	1412CST 1415CST			0	0			Hail (0.75)
McLean County 2 S Bloomington	19	1432CST			0	0			Thunderstorm Wind (G52)
A wood frame building under construction was severely damaged when portions of the frame were blown down.									
De Witt County 2 S Clinton to Clinton	19	1433CST 1435CST			0	0			Hail (1.75)
Hail accumulated up to an inch in depth, with a few golf ball size hail stones reported.									
De Witt County Clinton	19	1435CST			0	0			Thunderstorm Wind (G52)
A tree was blown down on Route 54.									
McLean County 3 SW Bloomington	19	1441CST			0	0			Hail (1.00)
A farm sustained severe crop damage from hail. Leaves were stripped off corn stalks and soybean plants were cut off near the ground. In addition, six large trees were damaged.									
Piatt County Bement	19	1445CST			0	0			Hail (0.75)
Vermilion County Hoopeston	19	1529CST			0	0			Hail (0.75)
Vermilion County Rossville	19	1530CST			0	0			Thunderstorm Wind (G52)
Winds were estimated at 60 miles per hour, but no damage was reported.									
Douglas County Tuscola	19	1548CST			0	0			Hail (1.00)
Douglas County Camargo	19	1600CST			0	0			Hail (1.00)
Coles County 3 NW Rardin	19	1612CST			0	0			Hail (0.88)
Richland County 6 N Claremont	20	1710CST			0	0			Hail (0.88)
Lawrence County Birds	20	1729CST			0	0			Thunderstorm Wind (G52)
Lawrence County 2 S Birds	20	1738CST			0	0			Hail (0.88)
Fulton County Lewistown	22	0622CST			0	0			Thunderstorm Wind (G50)
A few tree limbs were blown down.									
Peoria County Peoria	22	0702CST 0706CST			0	0			Hail (0.75)
Tazewell County Pekin	22	0702CST 0708CST			0	0			Hail (0.88)
Tazewell County South Pekin	22	0710CST			0	0			Thunderstorm Wind (G52)
12 inch diameter tree blown down.									

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					Killed	Injured	Property	Crops	
<u>ILLINOIS, Central</u>									
Tazewell County Pekin	22	0712CST			0	0			Thunderstorm Wind (G52)
									15 inch diameter tree blown down.
Tazewell County 2.6 S Morton	22	0713CST	0.1	30	0	0			Tornado (F0)
									The tornado briefly touched down in a field. No damage was reported.
Tazewell County Washington	22	0713CST			0	0			Thunderstorm Wind (G50)
									No damage was reported.
Tazewell County 1 W Mackinaw	22	0720CST			0	0			Thunderstorm Wind (G52)
									A circus tent was partially blown down.
Tazewell County East Peoria	22	0725CST			0	0			Hail (0.75)
Tazewell County 1 N Groveland	22	0725CST			0	0			Hail (0.88)
Mclean County Colfax	22	0820CST			0	0			Thunderstorm Wind (G52)
									A few trees and power lines were blown down.
Vermilion County Georgetown	22	1025CST			0	0			Hail (0.88)
Vermilion County Tilton	22	1025CST			0	0			Hail (0.88)
Lawrence County Lawrenceville	22	1118CST			0	0			Hail (0.75)
Effingham County 5 S Altamont	22	1513CST			0	0			Hail (1.00)
Lawrence County 3 W St Francisville	22	1537CST			0	0			Thunderstorm Wind (G53)
									From AWOS at Mt. Carmel Airport.
Coles County 4 E Charleston	22	1613CST 1616CST			0	0			Hail (0.88)
Coles County 3 N Mattoon	22	1645CST			0	0			Hail (1.25)
Coles County Mattoon	22	1646CST			0	0			Thunderstorm Wind (G50)
									No damage was reported.
Coles County 3 NE Mattoon	22	1648CST			0	0			Thunderstorm Wind (G50)
									No damage was reported.
Coles County Trilla	22	1649CST			0	0			Thunderstorm Wind (G52)
									Several large tree limbs were blown down.
Moultrie County Sullivan	22	1705CST			0	0			Thunderstorm Wind (G56)
Coles County Mattoon	22	1720CST 1733CST			0	0			Thunderstorm Wind (G55)
									Several trees and tree limbs were blown down.
Coles County Charleston	26	1155CST 1200CST			0	0			Hail (0.88)
Mclean County Downs	26	1315CST			0	0			Hail (1.00)
									Hail caused significant crop damage. Accumulated hail was still up to dime size an hour after falling.

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					Killed	Injured	Property	Crops	
<u>ILLINOIS, Central</u>									
Richland County									
Calhoun to 1 E Calhoun	26	1315CST 1320CST			0	0			Hail (1.25)
		Hail caused corn crop damage.							
Christian County									
Owaneco	26	1358CST			0	0			Hail (1.00)
Macon County									
1 NW Niantic	26	1458CST			0	0			Hail (0.88)
Moultrie County									
2 SE Sullivan	26	1515CST			0	0			Hail (0.88)
Logan County									
2 S Mt Pulaski to 5 S Mt Pulaski	26	1530CST			0	0			Hail (2.00)
Champaign County									
3 SE Philo	26	1705CST			0	0			Hail (0.88)
Sangamon County									
1 NW Riverton to 2 S Williamsville	26	1716CST 1723CST			0	0			Hail (0.88)
Vermilion County									
6 W Fairmount	26	1739CST			0	0			Hail (0.75)
Richland County									
Noble	26	1815CST			0	0			Hail (0.75)
Jasper County									
St Marie	26	1849CST			0	0			Hail (1.50)
Crawford County									
5 S Oblong	26	1906CST			0	0			Hail (2.00)
Lawrence County									
1 N Sumner	26	1928CST			0	0			Hail (1.00)
Knox County									
Abingdon	27	1711CST			0	0			Hail (0.75)
Vermilion County									
Bismarck	28	1249CST 1251CST			0	0			Hail (0.88)
Edgar County									
Paris	28	1540CST			0	0			Hail (1.00)
<u>ILLINOIS, Northeast</u>									
Kane County									
Elgin	02	1430CST			1	1			Lightning
		Two men were struck by lightning on a golf course after taking cover under trees. One of the men died from his injuries two days later. M45GF							
Du Page County									
Naperville	02	1436CST			0	0			Thunderstorm Wind (G50)
		A large oak tree fell on a house.							
Livingston County									
Graymont	02	1437CST 1439CST			0	0			Hail (0.88)
		Nickel size hail was reported on Route 116.							
Grundy County									
Morris	17	1745CST			0	0			Thunderstorm Wind (G50)
		A tree was blown down.							
Will County									
Lockport	17	1830CST			0	0			Thunderstorm Wind (G50)
		Trees and tree limbs were blown down.							
Livingston County									
Chatsworth	19	1424CST 1426CST			0	0			Hail (0.88)
		Nickel size hail was reported covering the ground.							

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					Killed	Injured	Property	Crops	
ILLINOIS, Northeast									
Livingston County									
Fairbury	19	1432CST 1435CST			0	0			Hail (1.00)
Ford County									
1 SE Paxton	19	1504CST 1507CST			0	0			Hail (1.00)
ILZ014									
Cook									
21	21	1530CST			0	0	10K		Strong Wind
A gust to 48 mph blew a small empty aircraft that was tied down into a fence. A Boeing 737 jet was moved 10 feet by the winds as passengers were exiting the jet. No injuries were reported.									
Grundy County									
2 W Mazon	21	1623CST			0	0			Thunderstorm Wind (G55)
A 2 1/2 foot diameter tree was blown down near the intersection of Grand Ridge and Ward Roads.									
Grundy County									
3 S Mazon	21	1627CST			0	0			Thunderstorm Wind (G55)
Two trees, each one foot in diameter, were blown down at Dwight and Gardner Roads.									
Will County									
4 E Wilmington	21	1640CST			0	0			Thunderstorm Wind (G55)
Several trees were blown down along West Thornton Road.									
Kankakee County									
Manteno	21	1715CST			0	0	5K		Thunderstorm Wind (G55)
Tree limbs, crops and utility poles were blown down.									
Will County									
Mokena	22	0748CST 0750CST			0	0			Hail (0.88)
Cook County									
Oak Forest	22	0803CST 0805CST			0	0			Hail (0.75)
Ford County									
Roberts	22	0848CST			0	0			Thunderstorm Wind (G50)
Tree limbs were blown down.									
Mchenry County									
Marengo	25	1343CST 1345CST			0	0			Hail (0.88)
Kankakee County									
4 E Kankakee	25	1825CST			0	0	5K		Thunderstorm Wind (G55)
A barn roof was blown off.									
Cook County									
Chicago	26	0141CST 0143CST			0	0			Hail (0.88)
Nickel size hail was reported at 59th and Pulaski.									
Livingston County									
8 SW Pontiac	26	1414CST 1416CST			0	0			Hail (0.75)
Kankakee County									
2 E Momence to 5 E Momence	26	1330CST 1333CST			0	0	10K		Hail (1.00)
Nickel to Quarter size hail fell across parts of eastern Kankakee County, east of Momence to the Illinois Indiana state line. The hail caused significant crop damage.									
Winnebago County									
Loves Park	28	0129CST 0131CST			0	0			Hail (0.88)
Cook County									
Des Plaines	28	0506CST 0508CST			0	0			Hail (0.75)
Cook County									
River Forest	28	2015CST 2025CST			0	0	15K		Hail (1.00)
Quarter size hail was reported in River Forest and lasted 10 minutes. The hail caused damage to cars and windows.									

Storm Data and Unusual Weather Phenomena

June 2006

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, Northeast</u>							
Cook County							
River Forest	28	2031CST 2033CST			0 0		Hail (0.75)
<u>ILLINOIS, Northwest</u>							
Rock Island County							
Moline	06	0609CST			0 0	10K	Lightning
							Lightning strike at 2728 13th Avenue; discovered an hour later.
Mercer County							
1.3 SE Sherrard	06	0710CST			0 0	25K	Lightning
							Lightning strike at 441 Highland Drive in the Frye Lake area; half of the house was damaged. A low level jet produced a nocturnal MCS that moved across eastern Iowa and northern Illinois in the pre-dawn and early morning hours. Lightning from the storms struck two houses resulting in considerable damage from the resultant fires.
Stephenson County							
Freeport	21	0345CST 0350CST			0 0		Lightning
							A house struck by lightning causing unknown damage.
Stephenson County							
Freeport	21	0350CST 0357CST			0 0	2K	Thunderstorm Wind (G52)
							Trees and power lines were downed.
Stephenson County							
2 N Mc Connell	21	0440CST 0443CST			0 0	1K	Thunderstorm Wind (G52)
							There were tree limbs downed on the road.
Jo Daviess County							
Warren	21	0445CST 0448CST			0 0	2K	Thunderstorm Wind (G52)
							There were trees and power lines downed.
Jo Daviess County							
Stockton	21	0446CST 0449CST			0 0	2K	Thunderstorm Wind (G52)
							Trees and power lines were downed.
Stephenson County							
Davis	21	0451CST 0454CST			0 0	1K	Thunderstorm Wind (G52)
							A few trees were downed.
Jo Daviess County							
3.5 NNE Stockton	21	0454CST 0455CST			0 0		Thunderstorm Wind (G54)
							An upper level disturbance in a near tropical atmosphere produced scattered thunderstorms in the pre-dawn hours across eastern Iowa and northwest Illinois. Hail was nearly non-existent or was of pea sized due to the high freezing levels. Several of the storms pulsed severe with high winds that downed trees and power lines.
Warren County							
4 WNW Monmouth	22	0520CST 0525CST			0 0	5K	Thunderstorm Wind (G52)
							A co-op observer at the ag station northwest of town reported areas of waist high corn blown down around the local area.
Mcdonough County							
2 WSW Macomb to Macomb	22	0529CST 0543CST			0 0	8K	Hail (1.00)
							Dime to quarter size hail covered the ground.
Mcdonough County							
Macomb to 1 N Macomb	22	0541CST 0544CST			0 0		Hail (0.75)
							Hail knocked leaves off trees.
Mcdonough County							
Pennington Pt	22	0551CST 0557CST			0 0	1K 4K	Thunderstorm Wind (G52)
							Limbs and crops were downed near the cemetery at the edge of town. An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Northwest									
primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.									
Whiteside County Countywide	25	1400CST 1530CST			0	0			Funnel Cloud
Numerous public and law enforcement reports.									
Bureau County Countywide	25	1500CST 1700CST			0	0			Funnel Cloud
Numerous public and law enforcement reports									
Bureau County Bureau	25	1745CST 1815CST			0	0			Heavy Rain
2 inches of rain with most falling between 1745 and 1815 CST									
Bureau County Bureau	25	1758CST 1800CST			0	0			Hail (0.75)
Penny size hail near the jct of IL 26 & 29									
Carroll County Countywide	25	1900CST 2000CST			0	0			Funnel Cloud
Numerous public and law enforcement reports.									
Carroll County Savanna	25	1944CST 2035CST			0	0			Heavy Rain
Ponding of water on streets with depths of 1 to 4 inches was reported with an estimated 3 inches of rain.									
Carroll County Savanna	25 26	2100CST 0030CST			0	0	2K		Flash Flood
U.S. 52 just south of the business district with a few feet of water across it.									
Carroll County 1.5 NE Savanna Strans	25 26	2100CST 0030CST			0	0	3K		Flash Flood
Railroad underpass on Scenic Bluff Rd impassable with several feet of water in it.									
Carroll County 1 E Wacker	25 26	2100CST 0030CST			0	0	3K		Flash Flood
Railroad underpass on Wacker Rd east of town impassable with several feet of water in it. An unseasonably strong upper level storm system combined with a near semi-moist atmosphere to produce scattered thunderstorms. A lone storm pulsed severe in east central Iowa and produced marginally severe hail. The rapid growth of cumulus clouds and showers across Illinois lead to numerous confirmed reports of funnels.									
Once the sun set, thunderstorms developed over northwest Illinois and remained nearly stationary for several hours over Savanna, Illinois and western Carroll county producing localized flash flooding.									
Whiteside County Morrison	27	1413CST 1416CST			0	0			Hail (0.75)
Penny size hail was reported on south side of town.									
Henry County 2 N Geneseo	27	1530CST 1532CST			0	0			Hail (0.88)
Pea to nickel size hail was reported by a co-op observer. A set of upper level disturbances combined with a semi-moist atmosphere to produce scattered thunderstorms across eastern Iowa and northern Illinois. A few of the storms pulsed severe and produced hail.									
Warren County Coldbrook	30	1112CST 1114CST			0	0	5K		Hail (0.75)
An upper level disturbance interacted with a semi-moist to moist atmosphere to produce widely scattered thunderstorms across eastern Iowa and west central Illinois. Two storms pulsed severe and dropped marginally severe hail. In the case of the pulse severe storm in Iowa, there is a possibility that a continuous hail swath occurred from southeast of Blairstown to northeast of Marengo.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Jefferson County Countywide	01	0430CST 0700CST			0	0			Flash Flood
									A major street flooding occurred in Mount Vernon. A trained spotter in Scheller reported 3.30 inches of rain in two and a half hours.
Perry County Countywide	01	0500CST 0700CST			0	0			Heavy Rain
									A co-operative observer measured 1.6 inches of rainfall at Pinckneyville overnight. The public reported 1.5 inches in Tamaroa. Yards and ditches were flooded, and a little highway flooding occurred. Water rose around a residence south of Du Quoin. East of Pinckneyville, a dog was rescued from rising waters behind a house.
Wayne County 5 E Fairfield	03	1730CST			0	0			Funnel Cloud
									An off-duty fire/rescue member reported a funnel cloud with rotation.
Wayne County Fairfield	03	1800CST			0	0			Hail (1.00)
White County Mill Shoals	03	1800CST			0	0			Hail (0.75)
White County Carmi	03	1832CST			0	0			Hail (0.75)
Alexander County Tamm	09	1552CST			0	0			Hail (1.00)
Jefferson County Mt Vernon	10	2045CST			0	0	4K		Thunderstorm Wind (G50)
									Trees and power lines were down in the Mount Vernon area.
Perry County Pinckneyville	17	1403CST			0	0	75K		Thunderstorm Wind (G56)
									Extensive damage to trees and power lines occurred. Some trees landed on homes, vehicles, and power lines. Part of the roof was taken off an abandoned building that was open on the south side, the direction from which the storm approached. One lane of Illinois Route 13 was blocked by downed tree limbs and large sections of sheet metal roofing blown off a storage building. A few other streets were blocked by trees.
Wabash County Mt Carmel	19	1520CST			0	0			Hail (0.75)
Edwards County .5 N Browns	22	1440CST			0	0			Hail (0.75)
									Dime size hail fell on Highway 15.
Wabash County Bellmont	22	1440CST			0	0			Hail (0.75)
Wayne County 3 S Fairfield	22	1445CST			0	0			Hail (0.75)
Edwards County Browns	22	1500CST			0	0	3K		Thunderstorm Wind (G52)
									Shingles were blown off a roof.
Wabash County Mt Carmel	22	1500CST 1600CST			0	0			Heavy Rain
									Side streets were flooded throughout the community.
Hamilton County Mc Leansboro	22	1625CST			0	0			Thunderstorm Wind (G50)
									Trees were downed.
Wabash County Keensburg	22	1724CST			0	0			Hail (0.75)
<u>ILLINOIS, Southwest</u>									
Fayette County 1.5 S St Elmo	03	1610CST			0	0			Hail (0.75)
Fayette County St Elmo	03	1620CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Southwest									
Macoupin County									
Carlinville	06	2203CST 2205CST			0	0			Hail (0.75)
St. Clair County									
.5 N Belleville to Swansea	17	1340CST 1345CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds blew down several large trees and power lines on the north side of Belleville and in Swansea.									
Madison County									
Alhambra	17	1350CST			0	0			Thunderstorm Wind (G50)
Several small trees were blown down.									
Madison County									
New Douglas	17	1410CST			0	0			Thunderstorm Wind (G55)
Several large tree limbs were blown down.									
Bond County									
3 W Greenville	17	1420CST			0	0			Thunderstorm Wind (G55)
A large tree was blown down onto Illinois Route 140 west of Greenville.									
Bond County									
3 NNW Mulberry Gro	17	1445CST			0	0			Thunderstorm Wind (G55)
Several large tree limbs were blown down.									
Montgomery County									
Litchfield	17	1428CST			0	0			Thunderstorm Wind (G50)
Several large tree limbs were blown down. A few of the limbs landed on power lines in Litchfield.									
Calhoun County									
6 NW Hardin	22	1420CST			0	0			Hail (2.75)
St. Clair County									
Summerfield	22	1430CST			0	0			Hail (0.75)
Jersey County									
Grafton	22	1515CST			0	0			Hail (0.88)
Jersey County									
5 E Grafton	22	1515CST			0	0			Hail (0.75)
Jersey County									
2 N Elsah	22	1520CST			0	0			Hail (1.00)
Jersey County									
Elsah	22	1520CST			0	0			Hail (2.50)
Bond County									
7 SSE Greenville	22	1515CST			0	0			Thunderstorm Wind (G52)
Several large tree limbs were blown down along Illinois Route 127.									
Bond County									
Mulberry Grove	22	1520CST			0	0			Thunderstorm Wind (G55)
Several large trees were uprooted. Numerous tree limbs were blown down as well.									
Fayette County									
Hagarstown	22	1525CST			0	0			Thunderstorm Wind (G55)
Numerous trees were blown down.									
Madison County									
Edwardsville	22	1624CST 1625CST			0	0			Hail (0.75)
Madison County									
1 S Edwardsville	22	1627CST 1630CST			0	0			Hail (0.88)
Macoupin County									
Staunton	22	1655CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds damaged 50 to 100 trees in town. Four to six homes sustained some kind of structural damage due to the fallen trees and tree limbs. Several power lines were blown down as well, leaving 60 to 80 houses without power for a time. No injuries were reported.									
Monroe County									
Waterloo	28	2240CST			0	0			Hail (0.75)
Washington County									
Lively Grove	28	2315CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Morgan County Mooreville	01	1324EST			0	0	0	0	Thunderstorm Wind (G57) An isolated severe thunderstorm produced a wind gust to 65 mph in the town of Mooreville.
Madison County Summitville	02	2010EST 2012EST			0	0	0	0	Hail (0.88) A pulse severe thunderstorm briefly produced nickel size hail near Summitville.
Monroe County 2 N Bloomington	07	0945EST 0947EST			0	0	0	0	Hail (0.75)
Greene County Lyons	07	1245EST			0	0	0	0	Thunderstorm Wind (G55) A large 100-year-old oak tree was blown down.
Jackson County 6 NE Seymour to 5 SE Seymour	07	1750EST 1808EST	8.1	300	0	4	400K	0	Tornado (F1) An F1 tornado touched down in eastern Jackson County on the evening of 7 June 2006, damaging or destroying a double wide trailer, a restaurant, four other homes, and numerous large trees.
Jennings County 7 W North Vernon	07	1757EST 1759EST			0	0	0	0	Hail (0.75)
Jackson County Crothersville	07	1815EST			0	0	10K	0	Thunderstorm Wind (G60) The roof was blown off of the Crothersville Town Hall by straight line winds. A few severe thunderstorms, including one powerful supercell, moved mainly southern portions of central Indiana on 7 June 2006. The supercell produced a tornado in eastern Jackson county. This tornado took an unusual path from north to south.
Clay County Clay City	11	0045EST			0	0	50K	0	Lightning A lightning strike set a home ablaze and killed a breeder calf standing 60 yards away from the home.
Boone County Zionsville	14	0845EST			0	0	100K	0	Lightning A house was heavily damaged by a lightning strike-induced fire.
Greene County Worthington	17	1955EST			0	0	10K	0	Thunderstorm Wind (G60) Small outbuildings were blown into a roadway, and power lines were downed.
Owen County 6 W Spencer	17	2010EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed.
Brown County Countywide	17	2020EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed throughout Brown County.
Johnson County Edinburg	17	2030EST			0	0	0	0	Thunderstorm Wind (G50) Four trees were downed.
Johnson County New Whiteland	17	2100EST			0	0	5K	0	Lightning Lightning struck a transformer on Tracy Road, causing a power outage lasting 11 hours.
Johnson County New Whiteland	17	2100EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed.
Johnson County Trafalgar	17	2100EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed.
Shelby County 6 NE Shelbyville	17	2100EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed.
Hamilton County Noblesville	17	2120EST			0	0	0	0	Thunderstorm Wind (G50) Trees were downed along State Road 19 near the White River.

Storm Data and Unusual Weather Phenomena

June 2006

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

A series of damaging wind-producing severe thunderstorms moved through central Indiana on the evening of 17 June 2006. Fortunately, damage was mostly confined to downed trees and power lines.

Parke County

Mecca 18 1707EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Montgomery County

10 SSW Crawfordsville 18 1733EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Boone County

Advance 18 1735EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Hamilton County

Arcadia 18 1845EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Putnam County

2 NE Bainbridge 18 1850EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

A complex of damaging wind-producing severe thunderstorms moved through the heart of central Indiana on the evening of 18 June 2006, the second damaging wind event in as many days.

Hendricks County

Brownsburg 19 1218EST 0 0 0 0 **Thunderstorm Wind (G52)**

Hendricks County

Brownsburg 19 1219EST 0 0 0 0 **Thunderstorm Wind (G51)**

Hendricks County

Danville 19 1220EST 0 0 10K 0 **Thunderstorm Wind (G50)**
A garage was destroyed by a falling tree.

Marion County

Clermont 19 1225EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Montgomery County

Linsburg 19 1230EST
1430EST 0 0 25K 0 **Flash Flood**

A portion of county road 600 east collapsed. No one was injured.

Hendricks County

2 N Pittsboro 19 1237EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Marion County

Cumberland 19 1245EST 0 0 100K 0 **Lightning**
A new house, which was unoccupied, was struck by lightning and heavily damaged by the ensuing fire. Firefighters escaped just minutes before the second floor, on which they were standing to fight the blaze, collapsed.

Shelby County

13 NW Shelbyville 19 1300EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Shelby County

10 NW Shelbyville 19 1300EST 0 0 0 0 **Thunderstorm Wind (G50)**
Trees were downed.

Marion County

Indianapolis Intl Ar 19 1302EST 0 0 0 0 **Thunderstorm Wind (G56)**
A wind gust to 64 miles per hour was measured at the Indianapolis International Airport ASOS (KIND).

Shelby County

13 NW Shelbyville 19 1309EST
1311EST 0 0 0 0 **Hail (0.88)**

Clay County

2 NE Brazil 19 1318EST
1320EST 0 0 0 0 **Hail (1.50)**

Clay County

1 E Brazil 19 1321EST
1323EST 0 0 0 0 **Hail (1.75)**

No property damage reported.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
		Local/ Standard			Killed	Injured	Property	Crops	
INDIANA, Central									
Marion County 5 E Southport	19	1332EST 1334EST			0	0	0	0	Hail (1.00)
Shelby County 3 WNW Shelbyville	19	1335EST 1337EST			0	0	0	0	Hail (0.75)
Shelby County Shelbyville	19	1335EST			0	0	10K	0	Thunderstorm Wind (G50)
			A tree fell on a house, punching a hole in the roof.						
Putnam County 6 W Cloverdale	19	1337EST 1339EST			0	0	0	0	Hail (0.75)
Owen County 9 NW Spencer	19	1341EST 1343EST			0	0	0	0	Hail (1.00)
Monroe County Ellettsville	19	1350EST 1352EST			0	0	0	0	Hail (1.25)
Owen County 9 N Spencer	19	1352EST 1354EST			0	0	0	0	Hail (0.75)
Clay County Bowling Green	19	1357EST 1359EST			0	0			Hail (2.00)
			No property damage reported.						
Clay County Bowling Green	19	1357EST			0	0			Thunderstorm Wind (G58)
Owen County 3 W Gosport	19	1358EST 1400EST			0	0	0	0	Hail (1.00)
Owen County Gosport	19	1405EST 1407EST			0	0			Hail (1.75)
			No property damage reported.						
Morgan County Martinsville	19	1409EST 1411EST			0	0	0	0	Hail (0.75)
Owen County 6 N Spencer	19	1411EST 1413EST			0	0	0	0	Hail (1.00)
Morgan County Martinsville	19	1412EST 1414EST			0	0	0	0	Hail (1.00)
Rush County Homer	19	1413EST			0	0	1K	0	Thunderstorm Wind (G50)
			Trees and power lines were downed.						
Rush County Manilla	19	1413EST			0	0	1K	0	Thunderstorm Wind (G50)
			Trees and power lines were downed.						
Rush County Milroy	19	1413EST			0	0	1K	0	Thunderstorm Wind (G50)
			Trees and power lines were downed.						
Morgan County 4 SE Martinsville	19	1425EST			0	0	0	0	Thunderstorm Wind (G50)
			Trees were downed.						
Brown County 2 N Taggart	19	1435EST			0	0	0	0	Thunderstorm Wind (G50)
			Trees were downed.						

Storm Data and Unusual Weather Phenomena

June 2006

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									
Monroe County									
Bloomington	19	1444EST 1446EST			0	0	0	0	Hail (0.75)
Brown County									
Nashville	19	1450EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were downed.									
Bartholomew County									
8 WNW Columbus to 8 WSW Columbus	19	1453EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were downed.									
Lawrence County									
Williams	19	1545EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were downed.									
Jackson County									
Medora	19	1601EST 1603EST			0	0	0	0	Hail (1.00)
Jackson County									
Medora	19	1606EST			0	0	1K	0	Thunderstorm Wind (G50)
Trees and power lines were downed.									
Tipton County									
3 NNW Tipton	19	1630EST 1632EST			0	0			Hail (1.75)
No property damage reported.									
Madison County									
4 S Elwood	19	1710EST 1712EST			0	0	0	0	Hail (0.88)
Madison County									
5 S Elwood	19	1715EST 1717EST			0	0	0	0	Hail (1.00)
Hamilton County									
8 E Atlanta	19	1716EST 1718EST			0	0			Hail (1.75)
No property damage reported.									
Madison County									
1 WSW Frankton	19	1718EST 1720EST			0	0	0	0	Hail (1.00)
Madison County									
8 NW Anderson	19	1728EST 1730EST			0	0	0	0	Hail (1.00)
Madison County									
Anderson	19	1728EST 1730EST			0	0	0	0	Hail (0.75)
Madison County									
4 WNW Anderson	19	1730EST 1732EST			0	0			Hail (1.75)
No property damage reported.									
Parke County									
5 SE Rockville	19	1730EST 1732EST			0	0	0	0	Hail (0.75)
Madison County									
Anderson	19	1744EST 1746EST			0	0	0	0	Hail (0.75)
Madison County									
Summitville	19	1750EST 1752EST			0	0	0	0	Hail (0.75)
Madison County									
3 SE Anderson	19	1754EST 1756EST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Hamilton County									
4 N Carmel	19	1758EST 1800EST			0	0	0	0	Hail (0.75)
Madison County									
5 SE Anderson	19	1758EST 1800EST			0	0	0	0	Hail (0.75)
Henry County									
7 NW New Castle	19	1803EST 1805EST			0	0	0	0	Hail (0.75)
Madison County									
8 SE Anderson	19	1806EST 1808EST			0	0			Hail (1.75)
		No property damage reported.							
Madison County									
4 SSE Summitville	19	1806EST 1808EST			0	0	0	0	Hail (0.75)
Henry County									
3 NNE Cadiz	19	1810EST 1812EST			0	0	0	0	Hail (1.00)
Henry County									
Cadiz	19	1815EST 1817EST			0	0			Hail (2.00)
		No property damage reported.							
Delaware County									
Muncie	19	1824EST 1827EST			0	0	0	0	Hail (1.00)
Madison County									
1 S Anderson	19	1829EST 1831EST			0	0	0	0	Hail (0.75)
Henry County									
3 S New Castle	19	1835EST 1837EST			0	0	0	0	Hail (0.75)
Putnam County									
7 W Greencastle	19	1835EST 1840EST			0	0			Hail (2.00)
		No property damage reported.							
Putnam County									
7 W Greencastle	19	1840EST 1845EST			0	0			Hail (1.75)
		No property damage reported.							
Madison County									
5 N Anderson	19	1842EST 1844EST			0	0	0	0	Hail (0.75)
Madison County									
2 N Anderson	19	1842EST 1844EST			0	0	0	0	Hail (0.75)
Henry County									
New Castle	19	1846EST 1848EST			0	0	0	0	Hail (0.75)
Henry County									
3 NNE Straughn	19	1850EST 1852EST			0	0	0	0	Hail (1.00)
Rush County									
Homer	19	1850EST			0	0	0	0	Thunderstorm Wind (G50)
		Trees downed.							
Delaware County									
Muncie	19	1900EST 1902EST			0	0	0	0	Hail (1.00)

The third severe weather event in as many days for central Indiana turned out to be the most intense, as several rounds of damaging storms moved through the area. In a change from previous days, however, much of the severe weather came in the form of large

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Central</u>									
									hail.
Johnson County Nineveh	19	1500EST			0	0	30K	0	Lightning
									A house was heavily damaged by a lightning strike-induced fire.
Johnson County Bargersville	19	1845EST			0	0	50K	0	Lightning
									A house was heavily damaged by fire caused by a lightning strike.
Knox County 8 S Vincennes	20	1920EST			0	0	1K	0	Thunderstorm Wind (G50)
									An isolated severe thunderstorm blew down trees on Old Decker Road south of Vincennes, taking down power lines in the process.
Tippecanoe County Battle Ground	22	1130EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed.
Carroll County Delphi	22	1138EST			0	0	0	0	Thunderstorm Wind (G61)
Fountain County 3 E Veedersburg	22	1145EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees and power lines downed.
Vermillion County 2 NW Cayuga	22	1145EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed.
Carroll County 1 NE Camden	22	1155EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed.
Vigo County Prairie Creek	22	1210EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees and power lines were downed.
Montgomery County Darlington	22	1215EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed.
Sullivan County Sullivan	22	1215EST			0	0	0	0	Thunderstorm Wind (G50)
									Large tree limbs broken throughout town.
Howard County Cassville	22	1225EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees and power lines were downed.
Howard County 4 S Kokomo	22	1225EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees and power lines were downed.
Hendricks County Brownsburg	22	1230EST			0	0	20K	0	Lightning
									A home was damaged by a lightning-induced fire.
Howard County 3 E Russiaville	22	1230EST			0	0	0	0	Thunderstorm Wind (G50)
									A large tree was downed.
Tipton County 4 NNW Groomville	22	1230EST			0	0	0	0	Thunderstorm Wind (G50)
									Several trees were downed.
Marion County New Augusta	22	1300EST			0	6	0	0	Lightning
									Six firefighters stowing equipment after a training exercise were indirectly struck by lightning. None of the injuries were life threatening.
Boone County Lebanon	22	1302EST 1304EST			0	0	0	0	Hail (0.88)
Boone County 3 WSW Whitestown	22	1307EST 1309EST			0	0	0	0	Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Morgan County 4 NE Martinsville	22	1334EST 1336EST			0	0	0	0	Hail (0.75)
Marion County 3 NNE Southport	22	1346EST 1348EST			0	0	0	0	Hail (0.75)
Marion County Indianapolis	22	1400EST			0	0	50K	0	Thunderstorm Wind (G50)
									A tree was uprooted onto two homes, causing major damage.
Marion County 1 E Indianapolis Intl A	22	1400EST 1402EST			0	0	0	0	Hail (0.75)
Marion County 8 SE Indianapolis	22	1402EST			0	0	1K	0	Thunderstorm Wind (G50)
									A stop sign was blown down.
Rush County Rushville	22	1415EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees fell onto power lines.
Johnson County Franklin Arpt	22	1420EST 1422EST			0	0	0	0	Hail (0.88)
Hancock County 6 SSW Greenfield	22	1430EST 1432EST			0	0	0	0	Hail (0.88)
Shelby County 4 NE Shelbyville	22	1440EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed.
Bartholomew County 2 W Columbus	22	1500EST 1502EST			0	0	0	0	Hail (0.75)
Rush County 6 SE Rushville	22	1500EST			0	0	1K	0	Thunderstorm Wind (G50)
									Trees fell onto power lines.
Vigo County Prairie Creek	22	1530EST 1830EST			0	0	0	0	Heavy Rain
									3.59 inches of rain occurred in three hours.
Knox County 7 SSW Vincennes	22	1610EST			0	0	5K	0	Thunderstorm Wind (G50)
									Numerous trees and power lines were blown down.
Daviess County Epsom	22	1630EST			0	0	30K	0	Thunderstorm Wind (G60)
									A roof was blown off of a machine shed, and grain bins were destroyed on a farm near Epsom.
Jennings County North Vernon	22	1640EST 1642EST			0	0	0	0	Hail (0.75)
Greene County 10 E Bloomfield	22	1658EST			0	0	0	0	Thunderstorm Wind (G50)
									Large trees were downed.
Owen County 8 W Spencer	22	1700EST 1733EST			0	0	0	0	Heavy Rain
									3.50 inches of rain fell in approximately 30 minutes west of Spencer.
Vigo County 12 S Terre Haute	22	1725EST 1900EST			0	0	0	0	Flash Flood
									Water was over State Road 246 in southern Vigo County. No damage occurred.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Central</u>									
Vigo County									
6 S Terre Haute	22	1732EST			0	0	5K	0	Thunderstorm Wind (G50)
			A tree fell on a house.						
Owen County									
8 W Spencer	22	1733EST 1735EST			0	0	0	0	Hail (1.00)
Vigo County									
Terre Haute	22	1758EST 1800EST			0	0	0	0	Thunderstorm Wind (G50)
			A large tree limb was broken.						
Putnam County									
3 N Greencastle	22	1830EST			0	0	0	0	Thunderstorm Wind (G50)
			Trees were downed.						
Hendricks County									
Lizton	22	1850EST			0	0	0	0	Hail (0.75)
Parke County									
Rosedale	22	1850EST 1950EST			0	0	0	0	Flash Flood
			High water closed Coxville Road near Rosedale. No damage was reported.						
Greene County									
2 NW Worthington	22	1915EST 2015EST			0	0	0	0	Flash Flood
			Water closed the intersection of State Roads 157 and 48. No damage was reported.						
Sullivan County									
3 W Farmersburg	22	1930EST 2030EST			0	0	0	0	Flash Flood
			County Road 1100 North was closed by high water. No damage was reported.						
Sullivan County									
1 NW Fairbanks	22	1945EST 2045EST			0	0	10K	0	Flash Flood

A culvert was washed out on a river road northwest of Fairbanks.
 A series of severe thunderstorms pounded central Indiana on 23 June 2006, continuing a period of active weather for the area. Widespread wind damage and large hail occurred, with isolated areas of flash flooding caused by extremely heavy rain.

Storm Data and Unusual Weather Phenomena

June 2006

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

INDIANA, Central

Tippecanoe County

2.5 S Odell to
2.5 SSE Odell

25 1410EST 0.2 75 0 0 3K 2K Tornado (F0)
 1417EST



Local resident Tanya Snoeberger took this photograph of the landspout tornado near Odell on 25 June 2006.

A slow-moving landspout tornado touched down near Odell on 25 June 2006. The photogenic tornado was observed by several members of the general public, media spotters, and the county emergency manager.

A weak landspout touched down near Odell on 26 June 2006. This was the only severe weather event of the afternoon.

Howard County
3 SE Greentown

28 1525EST 0 0 0 0 Hail (0.88)
 1527EST

Madison County
Elwood

28 1540EST 0 0 0 0 Hail (0.75)
 1542EST

Madison County
Alexandria

28 1549EST 0 0 15K 0 Thunderstorm Wind (G50)

The roof of a truck depot was damaged. Trees were also downed.

Brown County
8 NE Nashville

28 1607EST 0 0 0 0 Hail (1.00)
 1609EST

Marion County
Indianapolis

28 1614EST 0 0 0 0 Hail (0.75)
 1616EST

Delaware County
Muncie

28 1619EST 0 0 0 0 Hail (0.75)
 1621EST

Delaware County
Yorktown

28 1624EST 0 0 Hail (1.75)
 1626EST

No damage was reported.

Delaware County
Muncie

28 1625EST 0 0 0 0 Hail (0.75)
 1627EST

Morgan County
3 S Paragon

28 1653EST 0 0 0 0 Hail (0.75)
 1655EST

Storm Data and Unusual Weather Phenomena

June 2006

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

Vigo County									
Terre Haute	28	1740EST 1742EST			0	0	0	0	Hail (0.75)
Putnam County									
Greencastle	28	1803EST 1805EST			0	0	0	0	Hail (0.75)
Marion County									
5 SE Indianapolis	28	1809EST 1811EST			0	0	0	0	Hail (1.00)
Bartholomew County									
7 SW Columbus	28	1833EST 1835EST			0	0	0	0	Hail (0.75)
Johnson County									
2 W Greenwood	28	1835EST 1837EST			0	0	0	0	Hail (0.88)
Madison County									
Ingalls	28	1848EST 1850EST			0	0	0	0	Hail (0.88)
Bartholomew County									
5 W Columbus	28	1855EST 1857EST			0	0	0	0	Hail (1.00)
Hancock County									
5 E Fortville	28	1857EST 1859EST			0	0	0	0	Hail (0.88)
Marion County									
7 SE Indianapolis	28	1915EST 1917EST			0	0	0	0	Hail (0.75)
Jackson County									
4 NE Seymour	28	1916EST 1918EST			0	0	0	0	Hail (1.00)
Hancock County									
5 NW Fortville	28	1925EST 1927EST			0	0	0	0	Hail (0.88)
Shelby County									
6 NW Fairland	28	1925EST 1927EST			0	0	0	0	Hail (0.88)
Jennings County									
North Vernon	28	1940EST 1942EST			0	0	0	0	Hail (0.88)
Lawrence County									
3 NE Bedford	28	2140EST 2142EST			0	0	0	0	Hail (1.00)
Lawrence County									
3 SE Bedford	28	2155EST 2157EST			0	0	0	0	Hail (1.00)
Jackson County									
Medora	28	2205EST 2207EST			0	0	0	0	Hail (0.75)

A series of mainly large hail-producing severe thunderstorms moved through central Indiana on 28 June 2006.

INDIANA, Northeast

Wabash County									
7 SE Wabash	02	1910EST 1911EST			0	0			Hail (0.75)
Grant County									
.5 S Fairmount	02	2000EST 2001EST			0	0			Hail (1.00)
Steuben County									
Angola	19	1518EST 1519EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Steuben County									
Angola Tri State Arp	19	1545EST 1546EST			0	0			Hail (0.75)
			Observed near the airport.						
De Kalb County									
3 N Butler	19	1624EST 1625EST			0	0			Thunderstorm Wind (G50)
			Trees reported down on State Route 1						
De Kalb County									
3 NW Auburn	19	1634EST 1635EST			0	0			Hail (1.00)
			Reported 2 miles south of US 6 on county road 19.						
De Kalb County									
3 N Auburn	19	1636EST 1637EST			0	0			Thunderstorm Wind (G50)
			4 to 5 inch diameter tree branches down.						
White County									
Burnettsville	19	1715EST 1716EST			0	0			Hail (1.00)
Cass County									
Logansport	19	1735EST 1736EST			0	0			Hail (0.88)
Miami County									
5 S Peru	19	1800EST 1801EST			0	0			Hail (1.00)
Grant County									
Swayzee	21	0259EST 0300EST			0	0	10K		Thunderstorm Wind (G55)
			Power lines down.						
Marshall County									
Lapaz	21	1723EST 1724EST			0	0			Hail (1.75)
Marshall County									
Countywide	21	1726EST 1736EST			0	0	40K		Thunderstorm Wind (G60)
			Trees, tree limbs and power lines were blown down in and around Plymouth, continuing east towards the county line. Roof and siding damage was also reported in Plymouth.						
Marshall County									
Bremen	21	1729EST 1730EST			0	0			Hail (2.00)
Elkhart County									
2 NW Nappanee	21	1742EST 1743EST			0	0			Hail (1.00)
Huntington County									
2 W Huntington	21	1745EST 1746EST			0	0			Hail (0.75)
Huntington County									
Huntington	21	1808EST			0	0			Hail (1.00)
Noble County									
2 W Kendallville	21	1836EST 1837EST			0	0			Hail (0.75)
La Porte County									
Michigan City to Long Beach	21	1840EST 1842EST			0	0	30K		Thunderstorm Wind (G65)
			Numerous trees and power lines blown down from Michigan City to Long Beach.						
De Kalb County									
6 NNW Waterloo	21	1848EST			0	0			Hail (0.88)
			Ashley is located on the Steuben and Deklab county line.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Northeast</u>									
Steuben County									
Ashley	21	1848EST			0	0			Hail (0.88)
Ashley is located on the Steuben and Deklab county line.									
La Porte County									
2 SW Michigan City	21	1913EST 1915EST			0	0	10K		Thunderstorm Wind (G60)
Numerous trees and large limbs down with some roads closed due to debris.									
La Porte County									
Wanatah	21	1914EST 1915EST			0	0			Thunderstorm Wind (G55)
Trees blown down.									
St. Joseph County									
South Bend	21	1920EST 1921EST			0	0			Hail (0.75)
Elkhart County									
2 N Middlebury	21	1921EST 1922EST			0	0			Hail (1.00)
Starke County									
4 NW Knox	21	2004EST 2005EST			0	0			Thunderstorm Wind (G50)
Few trees blown down.									
Noble County									
2 N Kendallville	21	2022EST 2023EST			0	0			Thunderstorm Wind (G65)
Numerous tree limbs down.									
Kosciusko County									
2 N Warsaw	21	2039EST 2040EST			0	0			Hail (0.75)
Kosciusko County									
2 N Warsaw to 2 SSW North Webster	21	2039EST 2044EST			0	0			Thunderstorm Wind (G65)
Several trees were blown down with a 75 mph wind gust being recorded just south southwest of North Webster.									
Kosciusko County									
North Webster	21	2046EST 2047EST			0	0			Hail (0.75)
Noble County									
2 SW Albion	21	2046EST 2047EST			0	0	10K		Thunderstorm Wind (G60)
Numerous trees and power lines down.									
Noble County									
9 SW Albion	21	2050EST 2051EST			0	0			Hail (1.00)
Noble County									
Albion	21	2059EST 2100EST			0	0			Hail (1.00)
De Kalb County									
Auburn	21	2100EST 2101EST			0	0			Hail (1.00)
Whitley County									
6 N Columbia City	21	2104EST 2105EST			0	0			Hail (0.75)
Noble County									
3 S Avilla	21	2105EST 2106EST			0	0	10K		Thunderstorm Wind (G60)
Numerous trees and power lines down.									
Noble County									
Laotto	21	2114EST 2115EST			0	0	40K		Thunderstorm Wind (G60)
Trees and power lines were blown down. The steeple of a church in Laotta was blown off. No injuries were reported.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Northeast</u>									
Noble County 2 SW Albion	21	2146EST 2147EST			0	0	10K		Thunderstorm Wind (G55)
									Numerous trees and power lines down.
White County 1 SW Monticello	22	1120EST 1121EST			0	0			Thunderstorm Wind (G50)
									Several large trees down.
Cass County Logansport	22	1150EST 1151EST			0	0			Thunderstorm Wind (G50)
									Several large trees down.
Cass County 3 SE Logansport	22	1202EST 1206EST			0	0	80K		Thunderstorm Wind (G55)
									About a dozen homes with trees down on them, causing structural damage. Power lines and power poles blown down resulting in widespread power outages across much of southeast Cass County.
Cass County 3 SW Logansport	22	1202EST 1206EST			0	0	30K		Thunderstorm Wind (G55)
									Five homes with trees blown down on them causing structural damage.
Cass County 1 S Logansport	22	1212EST 1213EST			0	0			Hail (0.75)
Cass County 2 SE Walton	22	1214EST 1218EST			0	0			Thunderstorm Wind (G55)
									Numerous large trees down in the Galveson area.
Miami County Bunker Hill	22	1217EST			0	0	1K		Thunderstorm Wind (G50)
									Indiana State Police patrol vehicle had a window broken out by an airborne sign which had been pulled out of the ground.
Miami County 9 SSW Peru	22	1217EST 1221EST			0	0	10K		Thunderstorm Wind (G55)
									Mobile Home sustained structural damage. Trees and power lines down.
Miami County Peru	22	1220EST 1224EST			0	0	10K		Thunderstorm Wind (G55)
									Numerous trees and power lines down.
Miami County 1 SSW Bunker Hill	22	1225EST			0	0			Thunderstorm Wind (G55)
									Tractor trailer blown off the road on U.S. route 31.
Miami County 2 WSW Peru	22	1227EST 1231EST			0	0	5K		Hail (1.00)
									Several homes in the Willow Creek subdivision sustained hail damage.
Miami County Bunker Hill	22	1235EST 1237EST			0	0			Hail (0.75)
Miami County Bunker Hill	22	1235EST 1239EST			0	0			Thunderstorm Wind (G61)
Miami County Peru	22	1240EST 1242EST			0	0			Hail (1.00)
Huntington County Huntington	22	1250EST 1252EST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Northeast</u>									
Wabash County									
8 SE Wabash	22	1257EST 1259EST			0	0			Thunderstorm Wind (G50)
									Tree blown down.
Grant County									
Marion	22	1300EST 1302EST			0	0	15K		Thunderstorm Wind (G61)
									A section of the Grant County courthouse roof was blown off. Several power lines blown down.
Grant County									
Marion	22	1302EST 1304EST			0	0	3K		Thunderstorm Wind (G55)
									Several trees blown down with some coming down on power lines.
Huntington County									
Huntington	22	1306EST 1308EST			0	0			Hail (1.00)
Huntington County									
4 W Warren	22	1306EST 1308EST			0	0			Thunderstorm Wind (G61)
									Six tractor trailers blown over on Interstate 69.
Huntington County									
2 N Warren	22	1311EST 1313EST			0	0			Hail (1.00)
Allen County									
Ft Wayne	22	1315EST 1318EST			0	0	10K		Thunderstorm Wind (G55)
									Several trees and power lines down.
Wells County									
10 SW Bluffton	22	1315EST 1319EST			0	0	15K		Thunderstorm Wind (G61)
									Numerous trees, tree limbs, and power lines down.
Wells County									
7 SW Bluffton	22	1319EST 1321EST			0	0			Thunderstorm Wind (G70)
									Trees snapped off and bent over in Liberty Center.
Adams County									
1 S Monroe	22	1330EST 1333EST			0	0	20K		Thunderstorm Wind (G70)
									100 to 200 yard wide path of concentrated damage with numerous trees down up to 20 inches in diameter. Several barn roofs blown off.
Jay County									
Portland	22	1335EST 1337EST			0	0			Thunderstorm Wind (G60)
									Trees uprooted and limbs blown down.
Adams County									
5 E Monroe	22	1342EST 1343EST			0	0			Thunderstorm Wind (G60)
									Tree 18 inches in diameter snapped off.
Pulaski County									
4 NE Francesville	26	1830EST 1833EST			0	0	5K		Hail (0.88)
									Hail damage to crops
Elkhart County									
Bristol	28	1237EST 1240EST			0	0			Hail (0.75)
Miami County									
10 N Peru	28	1345EST 1348EST			0	0			Hail (0.75)
Fulton County									
Fulton	28	1351EST 1354EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Fulton County									
Fulton	28	1408EST 1411EST			0	0			Hail (0.88)
Huntington County									
Huntington	28	1414EST 1417EST			0	0			Hail (0.75)
Elkhart County									
Bristol	28	1415EST			0	0			Hail (0.75)
Miami County									
Bennetts Switch	28	1418EST 1421EST			0	0			Hail (0.88)
Marshall County									
7 WSW Bremen	28	1420EST			0	2			Lightning
									12 year old girl and 15 year old boy in a paddle boat struck by lightning. Occurred on Lake of the Woods. Children suffered severe burns. Officials reported no signs of lightning damage to paddle boat.
Elkhart County									
Goshen	28	1427EST 1430EST			0	0			Hail (1.25)
Huntington County									
Huntington	28	1435EST 1438EST			0	0			Hail (0.75)
Marshall County									
4 E Culver	28	1519EST 1521EST			0	0			Hail (0.75)
Fulton County									
Rochester	28	1552EST 1555EST			0	0			Hail (0.88)
Wabash County									
1 WSW Wabash	28	1632EST 1635EST			0	0			Hail (0.88)
Wabash County									
Wabash	28	1636EST 1639EST			0	0			Hail (0.75)
Wabash County									
1 WSW Wabash	28	1641EST 1644EST			0	0			Hail (0.88)
<u>INDIANA, Northwest</u>									
Lake County									
Lowell	21	1729CST 1732CST			0	0			Hail (1.50)
Porter County									
Hebron	21	1739CST 1741CST			0	0			Hail (0.75)
Porter County									
Kouts	21	1758CST			0	0	1K		Thunderstorm Wind (G50)
									Trees and power lines were blown down.
Newton County									
Lake Vlg	26	1330CST 1332CST			0	0			Hail (0.75)
Lake County									
Shelby	26	1355CST 1358CST			0	0			Hail (1.00)
<u>INDIANA, South Central</u>									
Crawford County									
Sulphur	01	1245EST			0	0			Hail (0.75)
									Public also reported a 45 to 50 mph wind gust.
Dubois County									
Dubois	07	1425EST 1435EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, South Central</u>									
Dubois County 6 NE Jasper	07	1425EST			0	0			Thunderstorm Wind (G50)
			Trees were downed.						
Scott County 3 S Austin	07	1832EST			0	0			Hail (0.75)
Scott County 2 N Austin	07	1836EST			0	0			Hail (0.75)
Scott County 3 N Austin	07	1837EST			0	0			Thunderstorm Wind (G50)
			Numerous trees and power lines were downed.						
Scott County Scottsburg	07	1837EST			0	0			Thunderstorm Wind (G50)
			Trees were downed in and north of the city of Scottsburg.						
Floyd County Floyds Knobs	07	1937EST			0	0			Hail (1.00)
Harrison County Palmyra	19	1551EST 1751EST			0	0			Heavy Rain
			A storm spotter measured 1.85 inches of rain over a two hour period.						
Orange County Orleans	19	1626EST			0	0			Hail (0.88)
Orange County Orleans	19	1626EST			0	0			Thunderstorm Wind (G50)
Washington County Freddricksburg	19	1713EST			0	0			Thunderstorm Wind (G50)
Floyd County Floyds Knobs	19	1730EST			0	0			Thunderstorm Wind (G50)
Harrison County Bridgeport	19	1743EST			0	0			Thunderstorm Wind (G52)
Crawford County Wickliffe	19	1746EST			0	0			Hail (0.88)
Washington County Martinsburg	19	2356EST			0	0			Hail (0.88)
Washington County New Pekin	19	2358EST			0	0			Hail (1.75)
Clark County 1 S Henryville	20	0025EST			0	0			Hail (0.88)
			Thunderstorm winds downed trees over parts of south central Indiana. Some roads and highways were blocked by the downed trees.						
Dubois County Ireland	22	1501EST			0	0			Hail (0.75)
Dubois County Jasper	22	1509EST			0	0			Hail (0.88)
Dubois County 1 SW Jasper	22	1510EST			0	0			Thunderstorm Wind (G50)
Clark County Henryville	22	1630EST			0	0			Thunderstorm Wind (G50)
Scott County 3 E Scottsburg	22	1643EST			0	0			Thunderstorm Wind (G50)
Jefferson County Kent	22	1700EST			0	0			Thunderstorm Wind (G50)
Jefferson County 4 N Madison	22	1700EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds downed trees over much of south central Indiana.						
Washington County Rush Creek Vly	28	2218EST			0	0			Hail (0.88)
Orange County Orleans	28	2225EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, South Central</u>									
Clark County									
Utica	28	2315EST			0	0			Thunderstorm Wind (G50)
		Trees were downed.							
Washington County									
New Philadelphia	28	2318EST			0	0			Hail (1.00)
<u>INDIANA, Southeast</u>									
Wayne County									
Hagerstown	01	1420EST 1424EST			0	0	3K		Thunderstorm Wind (G50)
		Large tree limbs and power poles were downed.							
Wayne County									
Williamsburg	01	1446EST 1450EST			0	0	2K		Thunderstorm Wind (G50)
		Trees were knocked down along Centerville Road.							
Dearborn County									
Greendale	01	1844EST 1847EST			0	0	2K		Hail (1.00)
		A tree was also downed.							
Ripley County									
5 SW Versailles	07	1411EST 1415EST			0	0			Hail (0.75)
Dearborn County									
Greendale to Aurora	07	1438EST 1444EST			0	0	5K		Thunderstorm Wind (G50)
		Trees and large limbs were downed.							
Union County									
West College Corner	07	1704EST 1708EST			0	0	5K		Thunderstorm Wind (G50)
		Several trees and large limbs were knocked down.							
Fayette County									
Connersville	22	1508EST 1512EST			0	0	3K		Thunderstorm Wind (G50)
		Trees and power lines were downed.							
Franklin County									
3 S Laurel	22	1508EST 1512EST			0	0	3K		Thunderstorm Wind (G50)
		A few trees were knocked down.							
Union County									
Countywide	22	1524EST 1535EST			0	0	8K		Thunderstorm Wind (G50)
		Trees and large limbs were downed.							
Dearborn County									
Lawrenceburg	22	1632EST 1636EST			0	0	3K		Thunderstorm Wind (G50)
		Trees were downed.							
Ripley County									
Friendship	22	1636EST 1640EST			0	0	3K		Thunderstorm Wind (G50)
		A couple of large tree limbs were downed.							
Union County									
Countywide	28	1945EST 2000EST			0	0	8K		Thunderstorm Wind (G50)
		Large tree limbs were downed.							
Switzerland County									
Countywide	28	2320EST 2335EST			0	0	8K		Thunderstorm Wind (G50)
		Several large tree limbs were knocked down.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>INDIANA, Southwest</u>									
Spencer County Rockport to Patronville	02	0730CST 1000CST			0	0			Flash Flood
A co-operative observer reported over an inch of rain in two hours. The highway department placed signs where water was over roads, including State Road 66 between Rockport and Reo, County Road 200W south of State Road 66, and U.S. 231.									
Spencer County Hatfield	07	1415CST			0	0			Hail (1.00)
Warrick County 2 W Newburgh	20	1442CST			0	0			Hail (1.00)
Quarter size hail fell about one quarter mile from the Vanderburgh County line.									
Vanderburgh County Evansville to 2.5 W Cypress	20	1455CST 1500CST			0	0			Hail (1.75)
Golf-ball size hail fell in a rural area along the Posey County line near the Ohio River. Dime size hail fell at a high school in southwest Evansville.									
Spencer County Gentryville	20	1740CST			0	0			Hail (0.75)
Pike County 4 S Winslow	20	1817CST			0	0			Hail (1.00)
Spencer County Fulda	20	1830CST			0	0			Hail (0.75)
Spencer County 3 S Fulda	20	1858CST			0	0			Hail (0.75)
Received through the NSSL Severe Hail Verification Experiment.									
Warrick County Elberfeld	20	1907CST			0	0			Hail (0.75)
Gibson County Somerville	20	1927CST			0	0			Hail (1.25)
Warrick County Newburgh	22	1240CST 1244CST			0	0			Hail (1.00)
Quarter size hail occurred in downtown Newburgh.									
Spencer County Chrisney	22	1314CST 1315CST			0	0	3K		Thunderstorm Wind (G61)
Numerous large tree limbs were broken. A few large trees were snapped 5 to 6 feet above the ground. Just west of Chrisney, a shed roof was damaged, and four light poles were down.									
Spencer County Dale	22	1323CST 1328CST			0	0			Hail (0.88)
Nickel size hail lasted for five minutes.									
Spencer County St Meinrad	22	1340CST			0	0	10K		Thunderstorm Wind (G55)
Small farm buildings were destroyed. Downed trees and power lines were reported.									
Posey County 3 W Poseyville	22	1354CST			0	0			Hail (0.88)
Vanderburgh County Evansville	22	1814CST 1820CST			0	0			Hail (1.00)
Dime to quarter size hail was reported on the north side of the city.									
Spencer County Rockport	25	1740CST 2000CST			0	0			Heavy Rain
Water was over portions of State Route 66 due to thunderstorms with heavy rainfall. A trained spotter at Rockport reported 3.2 inches of rain within an hour. Small creeks and ditches overflowed.									
<u>IOWA, Central</u>									
Kossuth County 10 SE Algona	03	1642CST			0	0	20K		Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

June 2006

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										
7 SE Algona	03	1825CST			0	0	2K	10K	Hail (1.00)	
A weak frontal boundary extended from central South Dakota, southeast across Iowa into west central Illinois. The airmass was relatively dry with dew point temperatures in the mid 40s to low 50s. Afternoon highs reached the 80s across the region, making for a somewhat unstable atmosphere. Lifted indices were in the -5 C. range with CAPE values in the 1000 to 2000 J/kg range. Thunderstorms developed as warm air overran the frontal boundary. Thunderstorms developed over northwest and north central Iowa. Though most were not severe, one storm produced one inch diameter hail southeast of Algona in Kossuth County. The hail caused severe damage to 2 corn fields in the area. Earlier, a storm moved across southern Kossuth County, southeast of Algona, and caused damage at a farmstead there. High winds blew down trees and toppled a grain bin there.										
Wapello County										
2 SE Eddyville	06	1450CST			0	0	2K	5K	Hail (0.88)	
Wapello County										
3 S Ottumwa	06	1535CST			0	0	2K	5K	Hail (0.88)	
Davis County										
3 NE Floris	06	1555CST			0	0	2K	5K	Hail (0.88)	
Davis County										
1 S Floris	06	1602CST			0	0	10K	5K	Hail (1.75)	
Davis County										
5 NE Bloomfield	06	1612CST	0.2	30	0	0		1K	Tornado (F0)	
Brief tornado touchdown in open area.										
Davis County										
4 S Floris	06	1615CST			0	0	2K	5K	Hail (1.00)	
Davis County										
Pulaski	06	1640CST			0	0	2K	5K	Hail (0.88)	
A frontal boundary tracked southeast across Iowa during the afternoon of the 6th. The front was more of a dry line than anything as afternoon conditions ahead of the front showed temperatures in the low 80s with dew point readings in the upper 60s to low 70s, while behind it highs were in the upper 80s to low 90s with dew points in the 40s. The airmass ahead of the front became unstable with CAPE values in the 2000 J/kg range. Lifted indices fell to around -6 just ahead of the boundary. The freezing level was relatively low at around 12,000 feet and the environment was conducive for tornado development with LCL levels in the 1000 to 1500 meter range, though the shear environment was relatively weak with about 30 kts or so of shear in the 0-3 km level. Thunderstorms fired during the afternoon and became severe. Many of the storms produced hail of nickel size to a little larger. One of the stronger storms produced golf ball size hail south of Floris in Davis County. The storm also gave a tornadic signature on radar presentation. There were some reports of wind gusts to around 50 MPH, however winds were not a major factor with this event. There was one brief tornado touchdown northeast of Bloomfield in Davis County. The tornado touched down in an open area and there were no reports of damage.										
Franklin County										
Geneva	14	0600CST			0	0	1K	5K	Hail (0.88)	
Hardin County										
Ackley	14	0612CST			0	0		5K	Hail (0.75)	
Grundy County										
6 NW Wellsburg	14	0614CST			0	0		5K	Hail (0.75)	
Worth County										
Northwood	14	0901CST			0	0	2K	5K	Hail (0.88)	
A quasi-stationary boundary extended from central South Dakota across extreme southern Minnesota. The flow pattern was weak, however there was some theta-e advection taking place. Thunderstorms erupted along the frontal boundary aloft from central South Dakota, southeast into northeast Iowa. Instability was limited with only about 500-1000 J/kg of CAPE. The shear in the 0-3 km layer was in the 35 to 45 kt range however, aiding in the development of the elevated storms. Limited instability was in place with lifted indices in the zero to -3 C. range. As a result, hail was the mode of severe weather with these storms. The freezing level was around 14,000 feet, however with the timing of the storms being around sunrise there was less melting of the hail than would otherwise be expected. Most of the storms produced pea size hail, however a few dropped penny to nickel size hail in a swath extending across Franklin, Hardin, and Grundy County. Additional thunderstorms continued to develop along the edge of the mid level cap. One storm dropped nickel size hail in the town of Northwood in Worth County. The hail reportedly covered the ground.										
Hancock County										
Corwith	16	2015CST			0	0	20K		Thunderstorm Wind (G57)	
Warm and moist air pushed into Iowa during the day on the 16th. A broad southwest flow had become established aloft with a strong short wave lifting northeast out of the southern Rockies during the afternoon. At the same time, a cold front was pushing southeast into the area from the Dakotas into Nebraska. The airmass became unstable ahead of the cold front, though it was somewhat capped through much of the day. Temperatures at 700 mb were around +10 C. during the early afternoon, but dropped off to +7 C. during the later afternoon hours as moisture worked into the sounding. Deep layer shear was present in the 30 to 35 kt range, however there was not a great deal of low level shear, generally under 15 kts. Tornado threat was reduced due to the LCL										

Storm Data and Unusual Weather Phenomena

June 2006

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

IOWA, Central

being quite high, over 2300 meters. Thunderstorms erupted rapidly to the west of Iowa during the late afternoon hours. They produced hail to the west with the freezing level quite low, around 12,500 feet. Cape values were marginal in the 500 to 1500 J/kg range with lifted indices in the -3 C. range, however there was significant downdraft CAPE available at around 1500 J/kg. Though much of the convection remained well to the west of the CWA, scattered thunderstorms formed in the outflow from the line of storms to the west and northwest. One of the storms moved through Hancock County, producing a 65 MPH wind gust in Corwith. Several trees were downed and the roof was taken off a farm implement dealership.

Adair County 3 NNW Bridgewater	18	2325CST			0	0	1K	5K	Hail (0.88)
Cass County Massena	18	2325CST			0	0	2K	5K	Hail (0.88)
Adair County 3 S Bridgewater	18	2330CST			0	0	1K	5K	Hail (0.88)
Union County 4 W Creston	18	2340CST			0	0	3K	5K	Hail (1.00)
Union County Creston	18	2347CST			0	0	15K	5K	Hail (1.00)
Union County Creston	19	0019CST			0	0	2K	5K	Hail (0.88)
Union County Creston	19	0020CST			0	0	5K	5K	Hail (1.00)

A cold front and upper level trough of low pressure dropped southeast across Iowa during the afternoon and evening of the 18th and was

east-west along the Iowa/Missouri border by around midnight. The atmosphere became unstable as cooler air aloft moved in, while at the same time warm air advection was taking place over the surface cold front. The freezing level was relatively low at 12,100 feet, with CAPE in the -10 to -30 C. layer around 400 J/kg. Instability was somewhat marginal with CAPE values in the 1000-2000 J/kg range and lifted indices in the zero to -3 C. range. There was sufficient shear available with 40 to 50 kts in the 0-3 km layer. The airmass was somewhat dry with surface dew points in the 50s. The dry lower levels resulted in a DAPE in the 1000-1200 J/kg range and a LCL of about 2000 meters. A line of thunderstorms developed to the north of the front in the warm air advection zone. The storms were elevated in nature and thus not able to realize the potential for wind. Hail was the main mode of severe weather. Several reports of hail of nickle to 1.5 inches in diameter were received from southwest Iowa. One inch diameter hail covered the roads completely in Union County at Creston.

Emmet County 2 W Ringsted to 2 E Ringsted	20	0700CST			0	0	10K		Thunderstorm Wind (G57)
Hancock County 2 NE Garner	20	0745CST			0	0	30K		Lightning
Humboldt County Ottosen	20	0815CST			0	0	5K		Thunderstorm Wind (G57)

An area of thunderstorms moved into Iowa from South Dakota and another area developed in western Iowa during the predawn hours. The atmosphere was quite capped with strong theta-e advection taking place. Many of the storms in the MCS produced small hail, no severe weather was reported until the storms began to die down. Wet microburst winds were reported in a couple locations, causing significant tree damage in Emmet and Humboldt counties. As the thunderstorms moved through Hancock County, lightning struck an 80 year old farmhouse northeast of Garner. Lightning struck the television antenna and traveled through the wiring into the basement and ignited the wall. An elderly couple was in the kitchen at the time and the force of the strike knocked the husband off of his chair and blew things off off the wall. The fire was extinguished about 2 hours later.

Jasper County 3 S Prairie City	21	0400CST			0	0	10K	5K	Hail (1.75)
Marion County 8 N Knoxville	21	0400CST			0	0	1K	5K	Hail (0.88)
Jasper County Reasnor	21	0412CST			0	0	25K	5K	Hail (1.75)
Greene County Jefferson	21	0730CST			0	0	5K		Thunderstorm Wind (G61)
Butler County 3 SSE Allison	21	0941CST			0	0	1K	5K	Hail (0.88)
Guthrie County 10 SW Guthrie Center	21	1020CST			0	0	3K	5K	Hail (1.00)
Guthrie County 5 E Menlo	21	1050CST			0	0	3K	5K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Guthrie County									
5 E Menlo	21	1052CST			0	0	1K	5K	Hail (0.88)
Madison County									
6 W Earlham	21	1102CST			0	0		5K	Hail (0.75)
Clarke County									
9 NE Osceola	21	1215CST			0	0	1K	5K	Hail (0.88)
<p>A frontal boundary extended from southeast Nebraska into east central Iowa. A low level jet of 50 to 55 kts impinged on the front through the night. A strong mid level cap was in place, however that was able to be overcome just prior to sunrise. The atmosphere became quiet unstable with lifted indices around -9 C. and CAPE values around 3500 J/kg. The shear at the time was in the 30 to 40 kt range in the zero to 3 km layer. Strong convection developed, but with the freezing level around 14,600 feet, hail was somewhat limited. By the early morning, CAPE in the -10 to -30 C. layer was around 500 J/kg. Another consideration was the amount of DCAPE available, around 1500 J/kg. Gusty winds of 45 to 55 MPH were reported with many of the storms. One storm produced golf ball size hail in the Reasnor area of Jasper County with the initial shot of storms. There was a brief break in the thunderstorm action, but as a short wave rode over the top of the airmass during the morning, thunderstorms erupted again. At this time the freezing level had dropped slightly, to about 13,600 feet, so there were more hail reports. A small bow echo developed in west central Iowa and dropped southeast, producing high winds as it passed.</p>									
Davis County									
4 SE Bloomfield	22	0245CST			0	0	3K	5K	Hail (1.00)
Davis County									
4 SE Bloomfield	22	0245CST			0	0	1K		Thunderstorm Wind (G50)
Davis County									
7 N Pulaski	22	0256CST			0	0	1K		Thunderstorm Wind (G50)
<p>The airmass over Iowa continued to be quite unstable with a weak frontal boundary extending northeast to southwest across the state. Thunderstorms developed during the night. Though most did not reach severe levels, a cluster of storms over Davis County did become severe. The storm produced 1 inch diameter hail southeast of Bloomfield. High winds caused tree damage southeast of Bloomfield and north of Palaski.</p>									
Polk County									
1 N Des Moines Arpt	24	1429CST			0	0			Hail (0.75)
Marshall County									
2 S Ferguson	24	1545CST			0	0		5K	Hail (0.75)
Tama County									
2 W Tama	24	1620CST			0	0		5K	Hail (0.75)
Black Hawk County									
Cedar Falls	24	1712CST			0	0	2K		Thunderstorm Wind (G57)
Black Hawk County									
5 NNW Waterloo	24	1720CST			0	0	5K	5K	Hail (1.00)
Black Hawk County									
Waterloo	24	1729CST			0	0	3K		Hail (0.88)
Hardin County									
Ackley	24	1825CST			0	0		5K	Hail (0.75)
<p>A weak cold front moved southeast across Iowa during the afternoon and evening of the 24th. The atmosphere became unstable, but not extremely so. Surface temperatures warmed in to the low to mid 80s, with dew points in the low to mid 60s. Most unstable CAPE values reached 2000 to 2500 J/kg by the late afternoon hours with lifted indices in the -3 to -6 C. range. The shear was not real strong, in the 20 to 35 kt range across the area. The storms did have a steep low level lapse rate going for them with surface to 3 km lapse rates in the 7 to 8 C. range. The freezing level was relatively low, around 11,700 to 12,500 feet. Hail CAPE values in the -10 C. to -30 C. layer were in the 200 to 300 J/kg range. The main mode of severe weather was in the form of hail, though many of the storms produced gusty winds of 30 to 45 MPH. One storm produced high winds in the Cedar Falls area, snapping a tree there. Most of the other storms produced hail and very heavy rainfall. Most of the storms produced pea size hail, with scattered storms producing three quarter to one inch diameter hail. In addition to the gusty winds and hail, the storms were prolific rain producers. Rainfall of 1 to 2 inches in under an hour were reported with some of the storms. Des Moines picked up 1.4 inches in under an hour, while 2.17 inches fell in 30 minutes in Lamoni.</p>									
Cass County									
2 SE Atlantic	27	1500CST			0	0		5K	Hail (0.75)
Warren County									
Norwalk	27	1558CST			0	0		5K	Hail (0.75)
Marion County									
5 W Knoxville	27	1655CST			0	0		5K	Hail (0.75)
Marion County									
2 W Knoxville	27	1704CST			0	0	1K	5K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

IOWA, Central

Taylor County
4 SE Bedford 27 1711CST 0 0 3K 5K Hail (1.00)

Taylor County
3 NNW Blockton 27 1740CST 0 0 1K 5K Hail (0.88)

A cold front dropped south out of Canada during the day and reached southern Iowa by the late afternoon hours. Temperatures warmed into the low to mid 80s ahead of the front with dew point readings in the upper 50s to low 60s. CAPE was marginal with only 1000-1500 J/kg available. The freezing level was quite low, running between 10,000 and 10,500 feet. Thunderstorms erupted along the front during the late afternoon hours and produced some marginally severe hail as they passed. The largest hail was an inch in diameter. Hail fell for 5 to 10 minutes in Warren County at Norwalk, and covered the ground in Taylor County northwest of Blockton.

Tama County
6 SE Clutier 30 0853CST 0 0 5K Hail (0.75)

A warm front lifted north across Iowa during the day on the 30th. At the same time a short wave dropped south across the areas on the east side of the upper level ridge. The airmass contained some instability with CAPE in the 1000 to 1500 J/kg range and lifted indices around -5 C. There was a reasonable amount of inhibition, however storms moved in from outside of the area as a weakening MCS moved south into Iowa. The freezing level was relatively high, around 13,900 feet, limiting the hail potential. The storms were very elevated, and no significant wind reports were received, however some of the storms produced gusts to around 40 MPH. One of the storms became severe it moved across Tama County, dropping three quarter inch diameter hail southeast of Clutier.

IOWA, East Central and Southeast

Benton County
1 N Van Horne 03 2232CST
2233CST 0 0 1K 1K Hail (1.00)

Linn County
Cedar Rapids 03 2311CST
2312CST 0 0 Thunderstorm Wind (G59)

Measured by RWIS

A likely upper level disturbance initiated scattered thunderstorms in a semi-dry to semi-moist atmosphere across eastern Iowa. Two storms pulsed severe and produced one report each of large hail and a downburst.

Benton County
Shellsburg 06 1242CST
1244CST 0 0 Funnel Cloud

Jefferson County
2.8 ENE Glasgow 06 1257CST
1300CST 0 0 1K Hail (1.50)

Walnut size hail reported.

Linn County
Marion 06 1300CST
1330CST 0 0 Heavy Rain

An estimated 0.50 to 1 inch of rain occurred in 30 minutes resulting in minor street flooding.

Linn County
Toddville 06 1305CST
1306CST 0 0 Hail (0.75)

Linn County
Cedar Rapids 06 1310CST
1355CST 0 0 Heavy Rain

An estimated 1 to 2 inches of rain in 45 minutes resulted in minor street flooding downtown.

Linn County
Cedar Rapids 06 1325CST
1342CST 0 0 5K Hail (1.00)

Numerous reports of nickel to quarter size hail was reported by the fire department. The duration at any one location was 2 to 5 minutes.

Linn County
Marion 06 1332CST
1336CST 0 0 Hail (0.75)

Linn County
2.1 NNW Bertram 06 1336CST
1338CST 0 0 Hail (0.88)

Jct of Hwy 13 & Mt Vernon Rd

Storm Data and Unusual Weather Phenomena

June 2006

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, East Central and Southeast</u>									
Linn County									
Palisades Kepler Sp	06	1355CST 1359CST			0	0			Hail (0.88)
Iowa County									
Williamsburg to 9.9 ENE Williamsburg	06	1400CST 1415CST			0	0			Funnel Cloud
There were numerous reports of funnel clouds along I-80.									
Johnson County									
3.3 SW Oxford to Tiffin	06	1405CST 1415CST			0	0			Funnel Cloud
There were numerous reports of funnel clouds along I-80.									
Johnson County									
2 NNE Tiffin	06	1409CST 1413CST			0	0			Funnel Cloud
Johnson County									
Newport	06	1426CST 1429CST			0	0	7K	2K	Hail (1.75)
Johnson County									
Newport	06	1427CST 1431CST			0	0		2K	Thunderstorm Wind (G52)
Washington County									
1.4 ESE Riverside	06	1510CST			0	0	3K	3K	Hail (1.75)
Johnson County									
River Jet	06	1511CST 1513CST			0	0	3K		Hail (1.00)
Washington County									
1.7 ESE Riverside	06	1511CST			0	0	4K	4K	Hail (2.00)
Pea size hail reported.									
Washington County									
1.7 ESE Riverside	06	1511CST 1512CST			0	0		3K	Thunderstorm Wind (G52)
There were reports of corn fields flattened.									
Jefferson County									
8 N Fairfield	06	1525CST 1528CST			0	0			Funnel Cloud
A possible funnel cloud was reported.									
Louisa County									
2 NNE Cotter	06	1535CST 1537CST			0	0		2K	Hail (0.75)
Jefferson County									
5 NE Fairfield	06	1610CST 1613CST			0	0	2K	3K	Hail (1.00)
Jefferson County									
5 NE Fairfield	06	1613CST 1615CST			0	0		1K	Thunderstorm Wind (G52)
Reportes of several 2 to 3 inch diamter branches downed. Scattered thunderstorms developed in a moist atmosphere ahead of a cold front moving through eastern Iowa. Remnant outflow boundaries from convection earlier in the day allowed the storms to pulse severe with the primary threat being large hail. Boundary interactions with the storms resulted in numerous reports of funnel clouds from the public. One boundary interaction resulted in a landspout a few miles north of Keota.									
Keokuk County									
2.3 NNW Keota to 2.1 NNW Keota	06	1443CST 1445CST	0.2	175	0	0	25K	4K	Tornado (F1)
A thunderstorm interacted with an outflow boundary from convection earlier in the day and produced a funnel that was visible for several minutes prior to touching down. Based on available information, the landspout touched down just west of the intersection of 180th street and W15 (30th Ave) and moved south southeast. The landspout partially damaged a field of soy beans before reaching the Becker Farm. A garage was destroyed with windows broken out of the farm house. Several 18 inch diameter trees were snapped off.									

Storm Data and Unusual Weather Phenomena

June 2006

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, East Central and Southeast</u>									
Scott County									
Dixon	21	0332CST 0336CST			0	0	10K		Thunderstorm Wind (G57)
									A 3 foot diameter cottonwood limb was torn off its parent tree and dropped on a nearby house. Extensive damage was done to the house.
Clinton County									
Calamus	21	0335CST 0340CST			0	0	2K		Lightning
									Fascia off a building with bricks laying all over with a power feeder line on the ground.
Clinton County									
Dewitt	21	0347CST 0352CST			0	0	3K		Thunderstorm Wind (G57)
									A large tree and numerous limbs were downed. Windows were broken in a house. An RWIS at the junction of U.S. 30 & 61 recorded a wind gust of 47 knots (54 mph) at 0337 CST with successive gusts of 44 knots (51 mph) through nearly 0400 CST.
Benton County									
Norway	21	0459CST 0501CST			0	0	3K		Thunderstorm Wind (G58)
									trees were blown down.
Benton County									
Belle Plaine	21	0513CST 0516CST			0	0	5K		Thunderstorm Wind (G52)
									A tree fell onto a car.
Benton County									
3.2 ESE Belle Plaine	21	0519CST 0522CST			0	0	6K		Thunderstorm Wind (G57)
									Part of a roof was blown off a mobile home.
Linn County									
.5 N Toddville	21	0541CST 0544CST			0	0	4K		Thunderstorm Wind (G61)
									10 inch diameter tree snapped and several 8-9 inch diameter pine trees topped. An upper level disturbance in a near tropical atmosphere produced scattered thunderstorms in the pre-dawn hours across eastern Iowa and northwest Illinois. Hail was nearly non existent or was of pea sized due to the high freezing levels. Several of the storms pulsed severe with high winds that downed trees and power lines.
Johnson County									
Iowa City	21	1354CST 1359CST			0	0			Hail (0.88)
									Jct I-80 & hwy 1; pea to nickel hail lasting 5 minutes. An upper level disturbance in a near tropical atmosphere combined with left over outflow boundaries to produce afternoon thunderstorms. A lone storm pulsed severe and produced hail on the far north side of Iowa City.
Van Buren County									
Keosauqua	22	0317CST 0324CST			0	0	1K		Thunderstorm Wind (G52)
									A downed tree blocked the road and several sheets of gypsum board were blown over a one story house and into a ditch.
Van Buren County									
Bentonsport to Vernon	22	0332CST 0338CST			0	0	2K		Thunderstorm Wind (G52)
									Trees fell down onto a power line.
Van Buren County									
Bonaparte	22	0332CST 0338CST			0	0	5K		Thunderstorm Wind (G61)
									Reports of numerous tree limbs down and a roof blown off a feed shed.
Van Buren County									
Stockport	22	0335CST 0341CST			0	0	1K		Thunderstorm Wind (G52)
									A tree fell down on the back of a house.
Des Moines County									
Middletown	22	0420CST 0429CST			0	0	1K		Thunderstorm Wind (G52)
									4 inch diameter branch down on fence.

Storm Data and Unusual Weather Phenomena

June 2006

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, East Central and Southeast</u>									
Des Moines County									
West Burlington	22	0421CST 0432CST			0	0	10K		Thunderstorm Wind (G61)
									Law enforcement officers numerous branches of 4 to 7 inches in diameter down. A 14 inch diameter branch down on a car. An 8x8 shed that was bolted to its foundation was moved off said foundation.
Lee County									
Montrose	22	0421CST 0422CST			0	0			Hail (0.88)
									Penny to nickel size hail with heavy rain.
Des Moines County									
Burlington	22	0423CST 0433CST			0	0	5K		Thunderstorm Wind (G57)
									Tree branches fell onto a vehicle. An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.
Dubuque County									
Balltown	24	1135CST 1136CST			0	0	2K		Hail (1.00)
Dubuque County									
.5 E Durango	24	1218CST 1223CST			0	0	1K		Thunderstorm Wind (G52)
									Tree down on Burtons Furnance Rd east of Durango
Dubuque County									
2 N Dubuque	24	1220CST 1250CST			0	0			Heavy Rain
									Roadside ditches were full with water ponding on U.S. 52.
Dubuque County									
Durango to Asbury	24	1222CST 1227CST			0	0	1K		Thunderstorm Wind (G52)
									Tree down on Hales Mill Rd between Durango and Asbury
Dubuque County									
Dubuque	24	1225CST 1310CST			0	0			Heavy Rain
									Heavy rain occurred in the city of Dubuque along with winds estimated at 43 knots (50 mph). At the time the spotter called in, rain was falling at a rate of 2.40 inches per hour.
Dubuque County									
Sageville	24	1230CST 1235CST			0	0	2K		Thunderstorm Wind (G52)
									Power lines down on old Sageville Rd on the edge of town.
Dubuque County									
Dubuque	24	1240CST 1245CST			0	0	4K		Thunderstorm Wind (G52)
									Trees and power lines down on Broadway near 24th Street. An upper level disturbance interacted with a semi-dry to semi-moist atmosphere to produce scattered thunderstorms across northeast into east central Iowa. Training of some storm cells produced heavy rain in the Dubuque metropolitan area.
Johnson County									
1 N North Liberty	25	1439CST 1441CST			0	0	1K		Hail (0.88)
									An unseasonably strong upper level storm system combined with a near semi-moist atmosphere to produce scattered thunderstorms. A lone storm pulsed severe in east central Iowa and produced marginally severe hail. The rapid growth of cumulus clouds and showers across Illinois lead to numerous confirmed reports of funnels. Once the sun set, thunderstorms developed over northwest Illinois and remained nearly stationary for several hours over Savanna, Illinois and western Carroll county producing localized flash flooding.
Jefferson County									
Fairfield	27	1810CST 1811CST			0	0			Hail (0.75)
									penny size hail covering the ground.

Storm Data and Unusual Weather Phenomena

June 2006

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, East Central and Southeast</u>									
Van Buren County									
Bonaparte	27	1918CST 1920CST			0	0			Hail (0.75)
		penny size hail in town							
Van Buren County									
Farmington	27	1935CST 1939CST			0	0	2K		Hail (1.00)
		penny to quarter size hail; reported by fire chief & spotter							
Lee County									
2.1 NNW Croton	27	1940CST 1942CST			0	0		2K	Hail (0.75)
		1 mile east of Van Buren/Lee line on highway 2; entire hail duration was 10 minutes. A set of upper level disturbances combined with a semi-moist atmosphere to produce scattered thunderstorms across eastern Iowa and northern Illinois. A few of the storms pulsed severe and produced hail.							
Benton County									
3 SE Blairstown	30	0924CST 0926CST			0	0		5K	Hail (0.75)
Iowa County									
6 NE Marengo	30	0933CST 0935CST			0	0		5K	Hail (0.75)
		pea to penny size hail with heavy rain. An upper level disturbance interacted with a semi-moist to moist atmosphere to produce widely scattered thunderstorms across eastern Iowa and west central Illinois. Two storms pulsed severe and dropped marginally severe hail. In the case of the pulse severe storm in Iowa, there is a possibility that a continuous hail swath occurred from southeast of Blairstown to northeast of Marengo.							
<u>IOWA, Northeast</u>									
Mitchell County									
St Ansgar	14	0954CST			0	0	1K		Hail (1.50)
Mitchell County									
St Ansgar	14	0956CST			0	0			Hail (0.75)
Mitchell County									
1 NW Mitchell	14	1002CST			0	0			Hail (0.75)
		The public reported hail ranging in size from pennies to as large as ping pong balls.							
Fayette County									
6 SW Hawkeye	21	0915CST			0	0			Hail (0.75)
Fayette County									
2 N Eldorado	21	0943CST			0	0	0.50K		Thunderstorm Wind (G61)
Allamakee County									
4 S Ludlow	21	1005CST			0	0			Hail (0.88)
Allamakee County									
4 S Ludlow	21	1005CST			0	0	0.30K		Thunderstorm Wind (G56)
Allamakee County									
5 SE Waukon	21	1015CST			0	0	0.25K		Thunderstorm Wind (G56)
		Hail the size of pennies and nickels, along with wind gusts estimated at 65 to 70 mph, were reported by the public and amateur radio operators.							
<u>IOWA, Northwest</u>									
Plymouth County									
4 SSE Westfield	05	1850CST			0	0			Hail (1.75)
Cherokee County									
3 S Meriden	15	0022CST			0	0			Hail (0.88)
Cherokee County									
Meriden	15	0030CST			0	0			Hail (1.50)
Cherokee County									
2 W Meriden	15	0040CST			0	0			Hail (0.88)
		Large hail caused crop damage over a fairly small area. The amount of crop damage was not known. The damage was estimated to be heavy right after the hail fell, but later reports from the county extension office indicated that much of the damaged soybean crop had made a good recovery.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northwest</u>									
Sioux County									
8 W Sioux Center	16	1500CST			0	0			Hail (0.75)
Sioux County									
8 W Sioux Center	16	1500CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds blew the door off a machine shed and broke it into three pieces.									
Sioux County									
1 NE Hawarden	16	1505CST			0	0			Hail (0.75)
Sioux County									
1 NE Hawarden	16	1505CST			0	0			Thunderstorm Wind (G52)
Woodbury County									
Sioux City	16	1611CST 2100CST			0	0			Flash Flood
Heavy rain caused flash flooding of roads and low areas in and east of Sioux City. Numerous roads were under water, especially in the city, leading to many vehicles becoming stalled in the water. Several manhole covers were reported to have been blown off. Area creeks, including Perry Creek, were affected by the flooding. Rainfall of 3.65 inches was reported at the north end of Sioux City.									
Plymouth County									
Le Mars	16	1710CST 1930CST			0	0			Flash Flood
Heavy rain caused flash flooding of streets and other low areas. High water on roads in Le Mars stranded several vehicles.									
Lyon County									
5 SW Lester	20	0212CST			0	0			Hail (1.00)
Lyon County									
Lester	20	0216CST			0	0			Hail (0.88)
Cherokee County									
2 N Quimby	20	0255CST 0305CST			0	0			Hail (0.75)
Lyon County									
5 E George	20	0300CST			0	0			Hail (0.75)
Osceola County									
3 S Harris	20	0326CST			0	0			Hail (0.75)
Clay County									
3 SSE Rossie	20	0340CST			0	0			Hail (0.75)
Dickinson County									
Spirit Lake	20	0625CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds caused tree damage, including several large trees blown down. A few power lines were also blown down.									
Lyon County									
1 NW Little Rock	24	1504CST			0	0			Hail (0.75)
<u>IOWA, Southwest</u>									
Pottawattamie County									
11 E Macedonia	19	0040CST			0	0			Hail (2.50)
Montgomery County									
6 N Stanton	19	0050CST			0	0			Hail (1.00)
Pottawattamie County									
11 E Carson	19	0100CST			0	0			Hail (0.88)
Montgomery County									
1 W Elliott	19	0100CST			0	0			Hail (0.88)
Pottawattamie County									
2 E Macedonia	19	0220CST			0	0			Hail (1.00)
Montgomery County									
2 W Elliott	19	0225CST			0	0			Hail (0.88)
Montgomery County									
1 SE Coburg	27	1635CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Mills County									
5 SE Glenwood	27	1635CST			0	0			Hail (0.75)
Page County									
6 NE Essex	27	1640CST			0	0			Hail (0.75)
Page County									
Essex	27	1700CST			0	0			Hail (0.88)
Mills County									
Malvern	27	1715CST			0	0			Hail (0.75)
Page County									
4 SE Essex	27	1722CST			0	0			Hail (0.88)
<u>KANSAS, East</u>									
Dickinson County									
Abilene	01	1508CST			0	0			Hail (0.75)
Dickinson County									
1 N Carlton	01	1535CST			0	0			Hail (1.75)
Marshall County									
3 W Beattie	04	0338CST			0	0			Thunderstorm Wind (G52)
									2 inch limbs blown down and a trampoline was blown 50 yards.
Marshall County									
7 E Marysville	04	0340CST			0	0			Hail (0.75)
Brown County									
Morrill	05	1609CST			0	0			Hail (0.75)
									Reported near Morrill.
Brown County									
2 W Hiawatha	05	1631CST			0	0			Hail (1.00)
Brown County									
Hiawatha	05	1632CST			0	0			Hail (1.75)
Brown County									
Everest	05	1655CST			0	0			Hail (0.88)
Coffey County									
Lebo	10	1915CST			0	0			Hail (0.88)
Dickinson County									
7 N Abilene	16	2119CST			0	0			Thunderstorm Wind (G52)
Dickinson County									
Herington	16	2145CST			0	0			Thunderstorm Wind (G55)
Dickinson County									
Herington	16	2150CST			0	0			Thunderstorm Wind (G61)
Morris County									
2 SSW Burdick	16	2159CST			0	0			Thunderstorm Wind (G61)
									4 inch diameter tree limbs down.
Morris County									
3 SW Burdick	16	2159CST			0	0			Thunderstorm Wind (G61)
									Antenna bent over the house and a pickup truck was pushed off the road.
Morris County									
Council Grove	16	2215CST			0	0			Thunderstorm Wind (G52)
Lyon County									
3 SW Allen	16	2232CST			0	0			Thunderstorm Wind (G52)
Wabaunsee County									
Eskridge	16	2245CST			0	0			Thunderstorm Wind (G57)
Shawnee County									
5 N Dover	16	2300CST			0	0			Thunderstorm Wind (G52)
Shawnee County									
Topeka	16	2320CST			0	0			Thunderstorm Wind (G65)
									Tree limbs up to 6 inches in diameter broken by the wind in the Westboro section of West Topeka.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Republic County 5 N Courtland to 4 N Scandia	17	1429CST 1445CST			0	0			Funnel Cloud
A cold air funnel was observed by the public and captured on film by a storm spotter. A picture of the funnel was published in the local newspaper.									
Pottawatomie County Wamego	19	0527CST			0	0			Hail (0.75)
Wabaunsee County Harveyville	19	0635CST			0	0			Hail (0.88)
Shawnee County 1 NNE Silver Lake	20	0400CST			0	0			Thunderstorm Wind (G65)
8 inch diameter tree snapped in half. Time estimated. Damage was caused by decaying thunderstorms which resulted in reports of rapid temperature rises...known as heat bursts...across the area.									
Jackson County Soldier	20	0505CST			0	0	40K		Thunderstorm Wind (G65)
Numerous large trees down throughout the town with damage to house roofs and vehicles. A grain bin and cow shed were also blown over. The winds were associated with decaying thunderstorms which caused quick temperature rises...known as heat bursts.									
Cloud County Clyde	21	1604CST			0	0			Hail (0.88)
Republic County 4 SW Agenda	21	1630CST			0	0			Hail (2.75)
Report relayed by NSSL.									
Republic County 2 WSW Agenda	21	1649CST			0	0			Hail (3.00)
Republic County 2 S Agenda	21	1650CST			0	0			Hail (1.75)
Report relayed by NSSL.									
Republic County 3 W Agenda	21	1702CST			0	0			Hail (1.75)
Report relayed by NSSL.									
Republic County Agenda	21	1711CST			0	0			Hail (1.75)
Cloud County 6 N Aurora	21	1715CST			0	0			Hail (1.00)
Report relayed by NSSL.									
Washington County 10 S Haddam	21	1737CST			0	0			Hail (0.88)
Republic County 4 WNW Norway	21	1742CST			0	0			Hail (1.00)
Cloud County 4 NE Aurora	21	1745CST			0	0			Hail (1.75)
Report relayed by NSSL.									
Cloud County 7 N Aurora	21	1750CST			0	0			Hail (3.00)
Report relayed by NSSL.									
Cloud County Clyde	21	1754CST			0	0			Hail (1.25)
Cloud County 6 SW Clyde	21	1800CST			0	0			Hail (1.75)
Report relayed by NSSL.									
Cloud County 1 N Aurora	21	1803CST			0	0			Hail (1.25)
Cloud County 4 SW Clyde	21	1810CST			0	0			Hail (1.50)
Report relayed by NSSL.									
Cloud County 6 N Aurora	21	1812CST			0	0			Hail (2.00)
Report relayed by NSSL.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Cloud County 5 E Aurora	21	1815CST			0	0			Hail (1.75)
									Report relayed by NSSL.
Clay County 8 WSW Morganville	21	1824CST			0	0			Hail (1.50)
Clay County 8 WSW Morganville	21	1824CST			0	0			Thunderstorm Wind (G52)
Clay County 15 NW Clay Center	21	1825CST			0	0			Hail (1.75)
Clay County 4 NW Idana	21	1825CST			0	0			Hail (1.25)
									Report relayed by NSSL.
Clay County 12 W Clay Center	21	1830CST			0	0			Thunderstorm Wind (G61)
Cloud County Miltonvale	21	1837CST			0	0			Hail (1.75)
Clay County 3 NE Idana	21	1845CST			0	0			Hail (1.00)
									Report relayed by NSSL.
Cloud County 9 SSW Concordia	21	1846CST			0	0			Hail (1.00)
Clay County 2 SSW Idana	21	1914CST			0	0			Hail (1.50)
Ottawa County 3 NNE Minneapolis	21	1918CST			0	0			Hail (1.00)
Ottawa County 5 N Minneapolis	21	1920CST			0	0			Hail (1.00)
Ottawa County 5 NE Minneapolis	21	1925CST			0	0			Hail (1.75)
									Report relayed by NSSL.
Clay County 9 ENE Oak Hill	21	1928CST			0	0			Hail (1.00)
Clay County 5 S Idana	21	1939CST			0	0			Hail (1.00)
									Report relayed by NSSL.
Clay County 4 SW Wakefield	21	1955CST			0	0			Hail (1.00)
Clay County 4 SW Wakefield	21	2007CST			0	0			Hail (1.00)
Dickinson County 15 NE Abilene	21	2008CST			0	0			Thunderstorm Wind (G65)
									Spotter in Geary county helped a friend in Upland clear 2 inch tree limbs from his driveway the morning of the event. Same spotter also reported a tree of 2 feet in diameter uprooted in a park near Upland.
Clay County 4 SW Wakefield	21	2017CST			0	0			Thunderstorm Wind (G52)
Geary County 7 NW Junction City	21	2028CST			0	0			Hail (0.75)
Dickinson County 11 NNE Abilene	21	2038CST			0	0			Hail (1.00)
Dickinson County Abilene	21	2040CST			0	0			Thunderstorm Wind (G70)
									Power poles reported blown down on Highway 15 just south of Abilene, and a semi-truck was blown over on I-70 near Abilene.
Dickinson County 4 S Abilene	21	2055CST			0	0			Hail (0.75)
Dickinson County 1 E Chapman	21	2100CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Osage County Osage City	22	0015CST			0	0			Thunderstorm Wind (G61)
	Strong thunderstorm winds blew down several trees in Osage City and knocked out power to some homes.								
Lyon County Emporia	22	0028CST			0	0	7K		Lightning
	Lightning struck and severely damaged the cross atop St. Andrew's Episcopal Church as well as caused damage to the stained glass window and narthex.								
Brown County 5 NW Horton to 2 W Horton	24	1733CST 1740CST			0	0			Funnel Cloud
	A large well documented funnel was visible to many and captured on film.								
Brown County 2 W Horton	24	1738CST			0	0	5K		Thunderstorm Wind (G61)
	Old deteriorated barn collapsed by thunderstorm winds.								
Brown County Horton	24	1745CST			0	0			Hail (0.88)
Jackson County Whiting	24	1748CST			0	0	1K		Thunderstorm Wind (G56)
	Poorly anchored three sided shed collapsed and some shingles blown off another shed.								
Marshall County 5 S Waterville	25	0525CST			0	0			Hail (0.88)
Washington County Hanover	25	0613CST			0	0			Hail (0.88)
Geary County 3 NE Junction City	27	2017CST			0	0			Hail (0.88)
	Reported at Fort Riley.								
Ottawa County 4 SE Delphos	28	1430CST			0	0			Hail (1.00)
	Report Relayed via NSSL.								
Ottawa County 5 SE Delphos	28	1440CST			0	0			Hail (0.75)
	Report relayed via NSSL.								
Shawnee County Rossville	28	1457CST			0	0			Hail (0.88)
Ottawa County 8 NE Minneapolis	28	1500CST			0	0			Hail (0.75)
	Report relayed via NSSL.								
Ottawa County 3 NE Minneapolis	28	1500CST			0	0			Hail (1.25)
	Report relayed via NSSL.								
Shawnee County Willard	28	1502CST 1503CST			0	0			Hail (1.00)
	Two reports of 1 inch diameter hail were received from Willard, with one being reported just north of the Kansas River. Three minor accidents also occurred about 1 mile east of Willard on Interstate 70, caused by slick roads and backed up traffic. One indirect injury was reported in the accidents.								
Shawnee County Rossville	28	1504CST			0	0	75K		Hail (1.00)
	Newspaper accounts indicate that many acres of crops including corn, soybeans, and melons were damaged or destroyed in and around the Rossville area. Damage amounts are estimated.								
Ottawa County 4 NE Minneapolis	28	1530CST			0	0			Hail (1.00)
	Report relayed via NSSL.								
Ottawa County Minneapolis	28	1535CST			0	0			Hail (0.88)
Ottawa County 5 N Minneapolis	28	1535CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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

Ottawa County									
Minneapolis	28	1535CST			0	0			Thunderstorm Wind (G61)
An off-duty NWS meteorologist reported a 4 to 6 inch tree limb down in Minneapolis. Time was estimated.									
Shawnee County									
4 W Topeka	28	1555CST			0	0			Hail (0.75)
Hail covered the ground.									
Shawnee County									
3 S Willard	28	1600CST			0	0			Hail (1.00)
Report relayed via NSSL.									
Shawnee County									
4 W Topeka	28	1612CST			0	0			Hail (0.75)
Wabaunsee County									
2 NE Paxico	28	1650CST			0	0			Hail (0.75)
Reported as large marble size hail.									
Shawnee County									
4 WSW Topeka	28	1612CST			0	0			Hail (0.75)
Republic County									
2 NW Cuba	29	1600CST			0	0			Hail (1.00)
Report relayed via NSSL.									
Republic County									
3 N Cuba	29	1600CST			0	0			Hail (0.88)
Report relayed via NSSL.									

KANSAS, Extreme Southeast

NONE REPORTED.

KANSAS, North Central

Jewell County									
5 W Jewell	05	2110CST			0	0	0	10K	Thunderstorm Wind (G52)
Mitchell County									
Beloit	05	2130CST			0	0	5K	10K	Thunderstorm Wind (G52)
Weakening thunderstorms over southern Nebraska began to re-intensify as they moved into north central Kansas. The storms produced strong winds in parts of Jewell and Mitchell counties									
Phillips County									
Phillipsburg Arpt	15	2050CST			0	0	20K	50K	Thunderstorm Wind (G55)
Phillips County									
11 NW Phillipsburg	16	1415CST			0	0	0	20K	Thunderstorm Wind (G52)
Jewell County									
8 E Jewell	21	1700CST			0	0	0	0	Hail (1.00)
Smith County									
4 N Lebanon to 5 NE Lebanon	29	1900CST 1905CST			0	0	0	750K	Hail (1.75)
Jewell County									
Salem to 5 N Burr Oak	29	1905CST 1912CST			0	0	20K	750K	Hail (1.50)

Severe thunderstorms with large hail and heavy rain moved across portions of north-central Kansas during the evening of June 29. Numerous wheat, soybean and corn crops were totally destroyed between 4 N Lebanon to 5 N Burr Oak.

KANSAS, Northeast

Atchison County									
1 E Effingham	05	1705CST			0	0			Thunderstorm Wind (G52)
Atchison County									
5 NE Effingham	05	1720CST			0	0			Hail (0.88)
Leavenworth County									
Easton	05	1745CST			0	0			Hail (0.88)
Leavenworth County									
6 S Easton	05	1755CST			0	0			Hail (1.25)
Leavenworth County									
Easton	05	1758CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

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, Northeast</u>									
Leavenworth County									
5 S Easton	05	1801CST			0	0			Hail (1.00)
Leavenworth County									
6 N Jarbalo	05	1808CST			0	0			Hail (1.00)
Leavenworth County									
4 N Jarbalo	05	1810CST			0	0			Hail (0.88)
Leavenworth County									
1 E Jarbalo	05	1815CST			0	0			Hail (1.00)
Leavenworth County									
1 E Jarbalo	05	1815CST			0	0			Thunderstorm Wind (G57)
									3 foot diameter tree downed.
Leavenworth County									
4 W Leavenworth	05	1815CST			0	0			Thunderstorm Wind (G52)
Wyandotte County									
Kansas City	05	1830CST			0	0			Thunderstorm Wind (G52)
Johnson County									
2 SE Olathe	05	1855CST			0	0			Hail (1.00)
Johnson County									
Lenexa	10	2118CST			0	0			Hail (1.00)
Johnson County									
Merriam	10	2125CST			0	0			Hail (1.25)
Johnson County									
1 N Overland Park	10	2129CST			0	0			Hail (1.50)
Johnson County									
Prairie Vlg	10	2137CST			0	0			Hail (1.00)
Johnson County									
Prairie Vlg	10	2144CST			0	0			Hail (1.75)
Johnson County									
Overland Park	10	2146CST			0	0			Hail (1.75)
Johnson County									
Westwood	10	2154CST			0	0			Hail (1.50)
Johnson County									
Overland Park	10	2202CST			0	0			Hail (0.75)
Johnson County									
Overland Park	27	1932CST			0	0			Hail (0.75)
<u>KANSAS, Northwest</u>									
Wallace County									
7 SW Sharon Spgs	03	1330MST 1331MST	0.3	10	0	0			Tornado (F0)
									Brief touchdown over open fields. No known damage.
Cheyenne County									
10 N Bird City	05	1725MST			0	0			Thunderstorm Wind (G52)
									3 inch diameter tree limbs snapped. Wind speeds estimated
Cheyenne County									
15 N Bird City	05	1730MST			0	0			Hail (1.00)
Sherman County									
Goodland	05	1755MST			0	0			Thunderstorm Wind (G52)
Wallace County									
9 SE Sharon Spgs	05	1905MST			0	0			Thunderstorm Wind (G53)
Sherman County									
9 W Goodland	10	1844MST			0	0			Hail (1.25)
Sherman County									
Kanorado	10	1852MST			0	0			Thunderstorm Wind (G52)
Sherman County									
3 SE Kanorado	10	1855MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Rawlins County									
1 N Beardsley	10	1915MST			0	0			Hail (0.75)
Rawlins County									
Atwood	10	1921MST			0	0			Hail (0.75)
Rawlins County									
2 E Atwood	10	1925MST			0	0			Hail (0.75)
Rawlins County									
Atwood	10	1930MST			0	0			Hail (0.75)
Rawlins County									
Atwood	10	1930MST			0	0			Hail (1.00)
Sherman County									
10 SE Goodland	10	1930MST			0	0			Hail (0.88)
Rawlins County									
10 SE Atwood	10	1937MST			0	0			Hail (1.00)
KSZ013									
		Sherman							
	14	2105MST			0	0			High Wind (G51)
		Strong gradient winds resulted in 45 mph winds throughout the day with one isolated gust to 59 mph.							
Thomas County									
3 N Colby	15	1330MST			0	0			Hail (1.00)
Thomas County									
2 W Colby	15	1339MST			0	0			Hail (0.88)
Thomas County									
2 W Colby	15	1341MST			0	0			Hail (1.00)
		50 mph winds also reported with the hail.							
Thomas County									
Colby	15	1343MST			0	0			Hail (0.75)
Thomas County									
Colby	15	1344MST			0	0			Hail (0.88)
Thomas County									
Colby	15	1346MST			0	0			Hail (1.00)
		Hail reported covering the ground							
Thomas County									
Colby	15	1348MST			0	0			Hail (1.00)
Rawlins County									
11 S Herndon	15	1415MST			0	0			Hail (1.00)
Rawlins County									
6 S Herndon	15	1425MST			0	0			Hail (0.75)
Decatur County									
6 W Oberlin	15	1432MST			0	0			Hail (1.00)
Decatur County									
6 W Oberlin	15	1432MST			0	0			Thunderstorm Wind (G52)
Decatur County									
15 NE Oberlin	15	1510MST			0	0	12K		Thunderstorm Wind (G74)
		Power poles downed, east wall of garage destroyed. Wind speeds estimated.							
Wichita County									
10 SW Leoti	15	1538MST			0	0			Hail (1.00)
Logan County									
13 SE Russell Spgs	15	1610MST			0	0			Hail (1.00)
Wichita County									
11 NNE Leoti	15	1635MST			0	0			Thunderstorm Wind (G52)
Logan County									
12 E Russell Spgs	15	1715MST			0	0			Thunderstorm Wind (G52)
Logan County									
14 SE Russell Spgs	15	1730MST			0	0			Hail (0.88)
Logan County									
14 SE Russell Spgs	15	1730MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Logan County 12 SE Monument	15	1735MST			0	0			Hail (0.88)
Gove County Grainfield	15	1755MST			0	0			Hail (1.00)
Gove County Grainfield	15	1755MST			0	0			Thunderstorm Wind (G52)
			Tree limbs reported down in parts of town via newspaper account. Diameter of limbs unknown.						
Gove County Park	15	1803MST			0	0			Hail (0.75)
Sheridan County 15 S Hoxie	15	1805MST			0	0			Thunderstorm Wind (G52)
Sheridan County 11 SE Hoxie to Hoxie	15	1810MST			0	0			Hail (1.00)
Graham County Hill City	15	1815MST			0	0			Hail (1.00)
Graham County Hill City	15	1835MST			0	0			Hail (1.00)
Graham County 6 S Morland	15	1852MST			0	0			Hail (0.88)
Graham County Hill City	15	1905MST			0	0			Hail (0.75)
Graham County Hill City	15	1907MST			0	0			Thunderstorm Wind (G52)
Thomas County 1 NW Colby	15	1925MST			0	0			Hail (1.25)
			Via NSSL Severe hail project.						
Thomas County 1 SW Colby	15	1925MST			0	0			Hail (1.00)
			Via NSSL Severe hail project.						
Thomas County 4 NW Colby	15	1935MST			0	0			Hail (0.88)
			Via NSSL Severe hail project.						
Sheridan County Hoxie	15	2040MST			0	0			Thunderstorm Wind (G52)
KSZ014 Thomas	15	1955MST			0	0	10K		Strong Wind
			Strong winds caused driver to lose control of motor home which subsequently overturned						
Sherman County 14 S Kanorado	16	1145MST			0	0			Hail (0.88)
Sherman County 14 S Kanorado	16	1145MST			0	0			Thunderstorm Wind (G52)
Sherman County 19 SW Goodland	16	1156MST			0	0			Hail (1.25)
Sherman County 19 SW Goodland	16	1156MST			0	0			Thunderstorm Wind (G52)
Sherman County 9 SW Goodland	16	1157MST			0	0			Thunderstorm Wind (G57)
Graham County 2 N Morland	16	1202MST			0	0			Hail (0.88)
Graham County 2 N Morland	16	1202MST			0	0			Thunderstorm Wind (G52)
Sherman County 15 SW Goodland	16	1203MST	0.2	10	0	0			Tornado (F0)
			The tornado remained over open fields and produced minor damage to vegetation.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Sherman County 10 SW Goodland	16	1208MST			0	0			Thunderstorm Wind (G61)
									Six to 8 inch diameter tree limbs downed.
Sherman County 1 W Goodland	16	1219MST	1	8	0	0	25K		Tornado (F1)
									One home received damage to a gazebo. A church suffered roof damage...with some of the roof debris causing minor damage to a neighboring home. Tree damage also occurred.
Sherman County Goodland	16	1219MST	0.7	10	0	0	15K		Tornado (F1)
									A short-lived tornado developed just west of highway 27 and just north of interstate 70 in extreme southwest Goodland. The tornado ripped a metal frame door off of the Dairy Queen and tossed it 150 feet across the highway. Surface debris also resulted in broken car windows at this location. A large dumpster at the Conoco gas station was tossed/rolled 150 yards into a field.
Sherman County Goodland	16	1226MST			0	0			Thunderstorm Wind (G55)
Sherman County 3 NW Edson	16	1231MST			0	0	7.5K		Thunderstorm Wind (G74)
									Power poles blown over to the other side of the road. Wind speed estimated.
Norton County 4 S Norton	16	1232MST			0	0			Hail (1.75)
Norton County 14 S Norton	16	1245MST			0	0			Thunderstorm Wind (G52)
Sherman County Goodland	16	1245MST 1545MST			0	0	10K		Flash Flood
									Major street flooding in downtown Goodland with water 1 foot deep in some areas. Two restaurants received minor water damage when water seeped into the buildings from the outside street where poor drainage was occurring.
Rawlins County 1 W Beardsley	16	1328MST			0	0			Thunderstorm Wind (G52)
Wichita County Leoti	16	1406MST			0	0			Hail (1.00)
Wichita County 3 NE Leoti	16	1412MST			0	0			Hail (0.88)
Wichita County 13 NE Leoti	16	1420MST			0	0			Thunderstorm Wind (G52)
Gove County 1 S Grinnell	16	1451MST 1751MST			0	0			Flash Flood
									Water reported over county road south of Grinnell.
Logan County 1 S Oakley	16	1502MST			0	0			Hail (0.75)
Logan County Oakley	16	1504MST			0	0			Thunderstorm Wind (G53)
Logan County Oakley	16	1508MST			0	0			Thunderstorm Wind (G56)
Gove County Grinnell	16	1515MST			0	0			Hail (1.00)
Gove County Grinnell	16	1515MST			0	0			Thunderstorm Wind (G52)
Gove County Grinnell	16	1517MST			0	0			Thunderstorm Wind (G60)
Sheridan County Angelus	16	1518MST			0	0	1K		Thunderstorm Wind (G69)
									Outside work shed destroyed.
Sheridan County 5 E Angelus	16	1520MST			0	0			Hail (0.75)
Sheridan County 5 E Angelus	16	1520MST			0	0	5K		Thunderstorm Wind (G65)
									8 inch diameter tree limb and power lines downed.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Sheridan County 9 S Seguin	16	1525MST			0	0	52K		Thunderstorm Wind (G74)
									Six power poles snapped over road, a large irrigation sprinkler overturned. Wind speeds estimated.
Sheridan County 6 SE Hoxie	16	1530MST			0	0			Hail (1.75)
Sheridan County 6 WSW Hoxie	16	1530MST			0	0	625K		Thunderstorm Wind (G78)
									Fifteen irrigation sprinklers overturned and 5 grain bins destroyed. Windows broken in a house along with roof shingles blown off. Some tree branches downed. Wind speeds estimated.
Sheridan County 6 SE Hoxie	16	1530MST			0	0			Thunderstorm Wind (G52)
Sheridan County Hoxie	16	1534MST 1538MST			0	0	10K		Thunderstorm Wind (G52)
									Tree limb fell onto car, power lines down in town.
Sheridan County 4 E Hoxie	16	1540MST			0	0			Hail (1.50)
Sheridan County 6 S Selden	16	1542MST			0	0			Hail (0.75)
Sheridan County 6 S Selden	16	1542MST			0	0			Thunderstorm Wind (G61)
Decatur County 3 W Dresden	16	1600MST			0	0	1K		Thunderstorm Wind (G74)
									30 foot cedar tree blown down. Wind speed estimated.
Graham County 2 N Morland	16	1605MST			0	0			Thunderstorm Wind (G52)
									An intense line of thunderstorms developed around midday in eastern Colorado and rolled east through the afternoon hours. The line of storms produced dozens of severe weather reports, including 3 tornadoes, flooding rainfall, and intense outflow winds of 70 to 90 mph. Minor damage to homes and significant tree and power line damage occurred, and numerous agricultural irrigation systems were overturned or damaged.
Sherman County 10 N Goodland	20	1907MST			0	0			Thunderstorm Wind (G59)
Rawlins County 13 S Atwood	20	2013MST			0	0			Hail (1.00)
									Hail damaged crops.
Rawlins County 12 SSE Atwood	20	2025MST			0	0			Hail (0.75)
Rawlins County 12 SSE Atwood	20	2025MST			0	0			Thunderstorm Wind (G52)
Decatur County 12 SSW Oberlin	20	2050MST			0	0			Hail (1.00)
Decatur County 4 SE Jennings	20	2112MST			0	0			Hail (2.00)
									Major crop damage was reported from the hail, loss in dollars unknown.
Norton County 3 N New Almelo	20	2127MST			0	0	3K		Hail (1.75)
									Hail damaged crops, house siding and broke windows.
Norton County Lenora	20	2144MST			0	0			Thunderstorm Wind (G58)
									Wind gust measured at KSNO
Norton County 2 NW New Almelo to 6 ENE Lenora	20	2145MST 2200MST			0	0	24K		Hail (2.00)
									Several homes and 1 school reported broken windows, with siding and roof damage from hail and wind.
Norton County 9 SSE Norton	20	2158MST			0	0			Hail (0.88)
Norton County 9 SSE Norton	20	2158MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Sheridan County									
Selden	20	2330MST			0	0			Hail (1.00)
Sherman County									
8 N Ruleton	22	1300MST			0	0			Hail (0.75)
Logan County									
4 N Winona	22	1310MST			0	0			Hail (0.75)
Logan County									
4 N Winona	22	1320MST			0	0			Hail (1.00)
Sherman County									
14 S Kanorado	22	1345MST			0	0	1K		Thunderstorm Wind (G52)
			Winds snapped a 6-inch diameter tree trunk.						
Sherman County									
Goodland	22	1405MST			0	0			Thunderstorm Wind (G52)
Wallace County									
14 NW Sharon Spgs	22	1412MST			0	0			Hail (1.00)
Thomas County									
6 SSE Mingo	22	1415MST			0	0			Hail (0.75)
Gove County									
16 W Gove	22	1424MST 1724MST			0	0			Flash Flood
			One foot of water running over the road.						
Logan County									
10 S Oakley	22	1435MST			0	0			Hail (1.50)
Gove County									
16 W Gove	22	1520MST 1820MST			0	0			Flash Flood
			Water running over the road in three different spots with a portion of road that may have been washed out. Road was closed the remainder of the night.						
Greeley County									
4 S Tribune	22	1615MST			0	0	6.3K		Thunderstorm Wind (G61)
			Four to six inch diameter tree branches broken from numerous trees. Wind speeds estimated.						
Greeley County									
14 SE Tribune	22	1855MST			0	0	81K		Thunderstorm Wind (G74)
			Shed damaged and 4 grain bins destroyed and thrown 800 yards. Wind speeds estimated.						
Logan County									
8 N Russell Spgs	22	1941MST			0	0			Hail (1.00)
			Via NSSL. Severe hail project.						
Gove County									
28 W Gove	22	1950MST			0	0			Hail (0.88)
			Via NSSL. Severe hail project.						
Logan County									
10 SE Oakley	22	2000MST			0	0			Hail (1.25)
			Via NSSL. Severe hail project.						
Gove County									
28 W Gove	22	2005MST			0	0			Hail (1.00)
			Via NSSL. Severe hail project.						
Norton County									
Norton	23	2346MST			0	0			Thunderstorm Wind (G53)
	24	2346MST							
Norton County									
Norton	24	0003MST			0	0			Hail (0.88)
Graham County									
Hill City	24	0033MST			0	0			Thunderstorm Wind (G52)
Gove County									
12 S Quinter	29	1400MST			0	0			Hail (1.00)
			Via NSSL. Severe hail project.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northwest</u>									
Gove County 10 S Quinter	29	1418MST			0	0			Hail (1.00)
			Wind estimated at 40-50 mph.						
Gove County 10 SSE Quinter	29	1423MST			0	0			Hail (0.75)
			Wind estimated at 40-50 mph.						
Gove County 6 S Quinter	29	1436MST			0	0			Hail (0.75)
			Hail was reported to completely cover the ground. One inch of rain fell in a 20 minute period.						
Gove County 6 S Quinter	29	1449MST			0	0			Hail (1.00)
Gove County 5 SE Gove	29	1531MST			0	0			Hail (1.00)
<u>KANSAS, Southeast</u>									
Reno County Turon	06	0038CST 0040CST			0	0	411K		Thunderstorm Wind (G87)
			During the overnight hours of June 6, 2006 destructive straight line winds hit the town of Turon. The winds were initially estimated at between 60 and 65 mph but a damage survey revealed that winds were much stronger and most likely in the 80 to 100 mph range. The severe winds destroyed 3 large, 57,000 bushel grain silos and severely damaged 3 smaller, 28,000 bushel grain silos at Turon Mill and Elevator. 1 small, 12,000 bushel grain bin was also damaged. One of the silos blew into a transformer. In addition to the transformer, one large transmission pole was knocked down and several small transmission poles were also downed knocking out power to the entire town. A 20' by 30' section of roof was blown off a bank building in Turon but the whole roof needed to be replaced. Numerous trees were damaged or completely destroyed and at least 3 to 4 houses had trees blown on to them causing roof damage. The Salina Journal, Hutchinson News and Turon Record contributed to this narrative.						
Reno County Pretty Prairie	06	0121CST			0	0			Thunderstorm Wind (G52)
			Power was reported to be lost in the town.						
Sedgwick County 1 NW Garden Plain	06	0143CST			0	0			Thunderstorm Wind (G52)
Sedgwick County 5 SW Wichita	06	0156CST			0	0			Thunderstorm Wind (G52)
			Reprted at 71st south and K42 Junction by KFDI radio.						
Allen County Iola	06	0345CST			0	0			Hail (0.75)
Butler County Latham	10	1709CST			0	0			Thunderstorm Wind (G52)
Chautauqua County 1 N Peru	10	1821CST			0	0			Thunderstorm Wind (G52)
Barton County 3 W Olmitz	16	1821CST			0	0			Thunderstorm Wind (G60)
Russell County 2 SW Dorrance	16	1851CST			0	0			Thunderstorm Wind (G70)
Russell County Russell	16	1854CST			0	0	5K		Thunderstorm Wind (G60)
			Power lines were downed in the city of Russell.						
Lincoln County 9 SSE Sylvan Grove	16	1920CST			0	0			Thunderstorm Wind (G60)
Lincoln County 1 NE Lincoln	16	1939CST			0	0			Thunderstorm Wind (G60)
Lincoln County Lincoln	16	1943CST			0	0			Thunderstorm Wind (G60)
			One inch diameter tree limbs downed across the city of Lincoln.						
Harper County 3 SSW Attica	16	1957CST			0	0			Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>KANSAS, Southeast</u>									
Kingman County Cunningham	16	1958CST			0	0	50K		Thunderstorm Wind (G65)
									Chaser reported via KSNW Television that strong winds caused damage in Cunningham, mostly in the form of downed tree limbs and minor structural damage. However, the 97-year old Ratcliff building received extensive damage to its exterior (courtesy of the Cunningham Courier).
Ellsworth County 9 ESE Lorraine	16	2005CST			0	0			Thunderstorm Wind (G60)
									Four inch diameter tree limbs downed just northwest of Geneseo.
Harper County 3 SSW Attica	16	2015CST			0	0			Thunderstorm Wind (G60)
Kingman County 8 W Kingman	16	2015CST			0	0			Thunderstorm Wind (G60)
									Three inch diameter tree limbs downed, via KSNW Television.
Kingman County 2 S Kingman	16	2018CST			0	0	40K		Thunderstorm Wind (G70)
									Approximately twenty utility poles were blown down in and around the Kingman area. Numerous tree limbs were also downed. Information courtesy of the Kingman Leader Courier.
Reno County Pretty Prairie	16	2020CST			0	0			Thunderstorm Wind (G75)
Harper County Danville	16	2030CST			0	0			Thunderstorm Wind (G60)
Reno County Hutchinson	16	2035CST			0	0	5K		Thunderstorm Wind (G60)
									Some roof damage was reported across the city of Hutchinson.
Harper County 3 SSW Attica	16	2038CST			0	0			Thunderstorm Wind (G60)
Sedgwick County 3 W Garden Plain	16	2043CST			0	0			Thunderstorm Wind (G60)
Sedgwick County 3 NE Viola	16	2045CST			0	0			Thunderstorm Wind (G60)
Sedgwick County 5 NNW Andale	16	2047CST			0	0			Thunderstorm Wind (G80)
									Some tree damage was observed.
Sedgwick County 5 S Goddard	16	2047CST			0	0			Thunderstorm Wind (G78)
									78 mph gust measured with a home weather station. Sustained winds were measured at 51 mph.
Sedgwick County 5 NNW Andale	16	2050CST			0	0			Thunderstorm Wind (G80)
									80 mph gust measured with a home weather station. Three to five inch diameter tree limbs were downed.
Sedgwick County Goddard	16	2055CST			0	0			Thunderstorm Wind (G70)
Sedgwick County Wichita	16	2100CST			0	0			Thunderstorm Wind (G70)
									Numerous large tree limbs were downed near the intersection of 119th and Central.
Sedgwick County Maize	16	2101CST			0	0			Thunderstorm Wind (G58)
									Measured by a KSNW Weather Lab Station.
Sedgwick County Wichita	16	2105CST			0	0			Thunderstorm Wind (G60)
									Estimated near the intersection of 21st and 119th in Northwest Wichita.
Sedgwick County Wichita	16	2112CST			0	0			Thunderstorm Wind (G60)
									Estimated near the intersection of 45th St. N. and I-135.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Harvey County Countywide	16	2113CST			0	0	50K		Thunderstorm Wind (G70)
	A powerful thunderstorm rolled through Harvey County producing countywide wind damage, mostly to trees. Some trees and tree limbs fell on automobiles. There were reports of mainly minor structural damage, along with street signs and power lines blown down. However, Newton's Westhill Apartment Complex received rather extensive roof damage. Information courtesy of the Newton Kansan newspaper.								
Sedgwick County Park City	16	2118CST			0	0			Thunderstorm Wind (G70)
	Four to five inch tree limbs were downed across Park City.								
Sedgwick County (Aao) Jabara Arpt	16	2125CST			0	0			Thunderstorm Wind (G64)
	Measured by the Jabara Airport ASOS.								
Marion County Hillsboro	16	2127CST			0	0	40K		Thunderstorm Wind (G75)
	A powerful thunderstorm produced extensive damage throughout the town of Hillsboro. Numerous large trees were uprooted, utility poles were downed, and street signs were blown over. Consequently, much of the town lost power. Fortunately, structural damage was relatively light, with the exception of three large umbrella-shaped canopies destroyed at the Hillsboro Family Aquatic Center. Information courtesy of the Hillsboro Star newspaper.								
Marion County Marion	16	2130CST			0	0	20K		Thunderstorm Wind (G70)
	A powerful thunderstorm produced widespread tree and some structural damage in and around the town of Marion. In Marion, the roof of a metal building was blown off, causing additional damage to nearby cars and businesses. Also, a roof on a building near the city's water tower was blown off. Information courtesy of the Marion County Record newspaper.								
Sumner County Mulvane	16	2130CST			0	0			Thunderstorm Wind (G60)
Sedgwick County (Aao) Jabara Arpt	16	2136CST			0	0			Thunderstorm Wind (G62)
	Measured by the Jabara Airport ASOS.								
Butler County Potwin	16	2145CST			0	0			Thunderstorm Wind (G70)
Cowley County 4 NE Udall	16	2149CST			0	0			Thunderstorm Wind (G60)
Marion County Hillsboro	16	2150CST			0	0			Thunderstorm Wind (G60)
Marion County Durham	17	1710CST			0	0			Hail (0.75)
Butler County 4 E Latham	17	1921CST 1923CST	0.5	40	0	0			Tornado (F0)
	Rope tornado that produced no damage.								
Elk County 5 N Grenola to 6 N Grenola	17	1942CST 1946CST	2	50	0	0			Tornado (F0)
	Rope tornado that produced no known damage.								
Wilson County 9 S Fredonia	17	2115CST			0	0	10K		Thunderstorm Wind (G70)
	Strong winds caused roof damage and blew out windows at a residence in Lafontaine, and also caused some tree damage.								
Ellsworth County 1 S Ellsworth	21	1732CST			0	0			Hail (1.00)
Ellsworth County 1 E Ellsworth	21	1741CST			0	0			Hail (1.00)
Ellsworth County Kanopolis	21	1744CST			0	0			Hail (1.50)
Ellsworth County 2 ESE Kanopolis	21	1756CST			0	0			Hail (1.25)
Barton County 2 N Galatia	21	2015CST			0	0			Thunderstorm Wind (G58)
	Two to three inch diameter tree limbs were downed.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Lincoln County 2 S Beverly	21	2015CST			0	0			Hail (1.00)
Barton County 4 E Galatia	21	2041CST			0	0			Hail (1.00)
Barton County Galatia	21	2045CST			0	0			Hail (1.00)
Saline County 2 N Brookville	21	2100CST			0	0			Hail (0.88)
		Occurred with 45 mph winds.							
Mcperson County 9 E Mc Pherson	21	2110CST			0	0	20K		Thunderstorm Wind (G65)
		Several utility poles were blown down around the Canton area. Courtesy The Salina Journal.							
Saline County 1 W Assaria	21	2110CST			0	0			Thunderstorm Wind (G60)
		A large tree limb was downed.							
Saline County 6 SSW Salina	21	2110CST			0	0			Thunderstorm Wind (G60)
Ellsworth County Holyrood	21	2115CST			0	0	5K		Thunderstorm Wind (G65)
		Several trees and tree limbs were downed in and around the Holyrood area. A van and a home sustained relatively minor damage when large limbs struck them. Courtesy The Salina Journal and The Ellsworth Independent Reporter.							
Mcperson County 1 N Lindsborg	21	2115CST			0	0			Hail (1.00)
Mcperson County 1 NW Lindsborg	21	2132CST			0	0			Thunderstorm Wind (G60)
Mcperson County 7 NNE Mc Pherson	21	2132CST			0	0			Thunderstorm Wind (G65)
Marion County Tampa	21	2144CST			0	0			Thunderstorm Wind (G60)
Mcperson County Mc Pherson	21	2149CST			0	0			Thunderstorm Wind (G60)
		Sporadic tree damage throughout town. Little if any structural damage occurred.							
Marion County Hillsboro	21	2210CST			0	0			Thunderstorm Wind (G60)
Sedgwick County Wichita	21	2257CST			0	0			Thunderstorm Wind (G60)
		Two to four inch diameter tree limbs were downed just east of the I-235 and 25th St. intersection.							
Sedgwick County 1 SE Park City	21	2300CST			0	0			Thunderstorm Wind (G60)
		A large tree was uprooted. Courtesy KSNW Television.							
Butler County 2 N El Dorado	21	2340CST			0	0			Thunderstorm Wind (G65)
Butler County 1 S Andover	21	2357CST			0	0			Hail (0.75)
Barton County 1 W Pawnee Rock	22 23	2000CST 1200CST			0	0			Flood
		Southwest 70 County Road was closed due to high water over the road. The road did not reopen until around 1200 CST on the 23rd.							
Butler County Leon	25	1136CST			0	0			Hail (0.88)
Saline County 5 W Salina	28	1635CST			0	0	10K		Thunderstorm Wind (G60)
		A semi trailer traveling eastbound on Interstate 70 was blown onto its side. The driver was not injured.							
Barton County 3 ENE Hoisington	28	1640CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Barton County Hoisington	28	1710CST			0	0			Hail (1.00)
Barton County Hoisington	28	1710CST			0	0			Thunderstorm Wind (G60)
A few trees and several tree limbs were downed across town. Courtesy The Hoisington Dispatch newspaper.									
Barton County 6 W Hoisington	28	1715CST			0	0	15K		Thunderstorm Wind (G60)
Seven utility poles were downed near the intersection of NW 50 Avenue and NW 100 Road. Courtesy The Great Bend Tribune.									
Barton County Hoisington to 6 S Great Bend	28	1740CST 2030CST			0	0	100K		Flash Flood
An isolated but intense slow moving thunderstorm dumped 4 to 6 inches of rain between roughly 1700 and 1900 CST across the southern two-thirds of Barton County. Widespread flooding occurred from Hoisington to Great Bend to near the Stafford County line. High water forced the closure of Highway 281 four miles south of Hoisington for two hours. Numerous rural and city roads and intersections, especially those in and around Hoisington and Great Bend, were barricaded due to high water. Several businesses and homes received water damage, a handful of which was rather extensive. Unofficially, Lake Barton Golf Course received nearly 6.50 inches of rain. Fortunately, no one was injured.									
Barton County 4 S Hoisington	28	1740CST			0	0			Hail (1.75)
Barton County Great Bend	28	1811CST			0	0			Hail (1.75)
Reported on the west side of Great Bend.									
Barton County 1 N Great Bend	28	1827CST			0	0			Hail (0.75)
Barton County Great Bend Arpt	28	1835CST			0	0			Thunderstorm Wind (G58)
Measured by the Great Bend Airport AWOS.									
Barton County Great Bend Arpt	28	1847CST			0	0			Thunderstorm Wind (G62)
Measured by the Great Bend Airport AWOS. A few trees and several tree limbs were downed across the city.									
<u>KANSAS, Southwest</u>									
Haskell County 5 E Sublette	03	1842CST			0	0			Thunderstorm Wind (G61)
Four inch diameter tree limbs were broken and blown down by the high wind.									
Scott County Scott City	05	2110CST			0	0			Thunderstorm Wind (G52)
Two to three inch diameter tree branches were broken.									
Scott County 2 S Scott City	05	2115CST			0	0			Thunderstorm Wind (G56)
Scott County 3 S Scott City	05	2120CST			0	0			Thunderstorm Wind (G62)
Many five to six inch diameter tree branches were broken.									
Scott County 8 SSW Grigston	05	2130CST			0	0			Hail (0.75)
Scott County 8 SSW Grigston	05	2130CST			0	0			Thunderstorm Wind (G52)
Hodgeman County Jetmore	05	2250CST			0	0			Hail (1.00)
Edwards County Kinsley	05	2326CST			0	0			Thunderstorm Wind (G52)
Edwards County Kinsley	05	2330CST			0	0			Thunderstorm Wind (G52)
Three inch diameter tree branches blown down.									
Stafford County 1 E Dillwyn	06	0018CST			0	0			Thunderstorm Wind (G56)
Chimney blown off a house.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Stafford County 4 SW St John	06	0018CST			0	0			Thunderstorm Wind (G65) Numerous trees were reported to be blown down. There was also some unspecified damage to a house.
Stafford County 3 WSW St John	06	0018CST			0	0			Thunderstorm Wind (G56) Trees were uprooted.
Stafford County St John	06	0027CST			0	0			Hail (1.00)
Pratt County 6 NE Preston	06	0030CST			0	0			Thunderstorm Wind (G61) Tree limbs up to 10 inches in diameter were blown down.
Stafford County 5 E Macksville	06	0030CST			0	0			Thunderstorm Wind (G78) Huge cottonwood trees were uprooted. Three pivot irrigation sprinklers were overturned. Four power poles were snapped.
Trego County 4 N Wakeeney	10	2235CST			0	0			Hail (0.75)
Edwards County Kinsley	10	2349CST			0	0			Thunderstorm Wind (G58) KSNW-TV weather lab at the Kinsley middle school.
Clark County 11 S Sitka	11	2359CST			0	0			Thunderstorm Wind (G52)
Hamilton County 1 N Syracuse	15	1725CST			0	0			Hail (0.88) Also had wind gusts to 55 mph with the hail
Hamilton County 1 ESE Syracuse	15	1736CST			0	0			Hail (0.75)
Hamilton County Syracuse	15	1736CST			0	0			Thunderstorm Wind (G61) Three semi trucks blown over by the high wind.
Hamilton County 2 ESE Syracuse	15	1742CST			0	0			Hail (0.75)
Hamilton County 4 ENE Syracuse	15	1742CST			0	0			Hail (0.88) Also had wind gusts to 50 mph.
Scott County 15 NW Scott City	15	1830CST			0	0			Thunderstorm Wind (G65) Power lines blown down.
Scott County 10 NW Scott City	15	1835CST			0	0			Hail (0.88)
Scott County 15 NW Scott City	15	1840CST			0	0			Hail (0.75)
Scott County 15 NW Scott City	15	1840CST			0	0			Thunderstorm Wind (G61)
Scott County 16 NNW Scott City	15	1845CST			0	0			Hail (0.75)
Scott County 16 NNW Scott City	15	1845CST			0	0			Thunderstorm Wind (G52)
Morton County 5 S Wilburton	15	2055CST			0	0			Hail (0.75)
Hamilton County 4 W Syracuse	15	2100CST			0	0			Thunderstorm Wind (G61) Semi rolled over.
Hamilton County Syracuse	15	2100CST			0	0			Thunderstorm Wind (G65) The overhang of a roof of a house was removed. Many other houses in the area reported some damage.
Morton County 5 S Wilburton	15	2100CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Hamilton County 4 S Syracuse	15	2105CST			0	0			Thunderstorm Wind (G61)
									Car rolled over by the high wind.
Morton County 13 NNE Rolla	15	2110CST			0	0			Thunderstorm Wind (G62)
Morton County 4 S Wilburton	15	2110CST			0	0			Hail (0.88)
Hamilton County 7 NE Syracuse	15	2115CST			0	0			Hail (1.00)
Hamilton County 7 NE Syracuse	15	2115CST			0	0			Thunderstorm Wind (G65)
Seward County 20 NNE Liberal	16	1340CST			0	0			Hail (0.75)
Finney County 2 N Garden City	16	1350CST			0	0			Hail (0.88)
Haskell County 5 E Sublette	16	1400CST			0	0			Thunderstorm Wind (G65)
Morton County 26 N Elkhart	16	1420CST			0	0			Hail (1.75)
Morton County 26 N Elkhart	16	1420CST			0	0			Thunderstorm Wind (G61)
									Four inch tree limbs broken. Shingles taken off the roof.
Morton County 26 N Elkhart to 26.5 N Elkhart	16	1420CST			0	0			Thunderstorm Wind (G69)
									Also reported a funnel cloud overhead.
Stanton County 5 SSE Saunders	16	1420CST			0	0			Hail (0.88)
Stanton County Manter	16	1435CST			0	0			Thunderstorm Wind (G69)
									Four to six inch diameter tree branches blown down.
Stanton County Johnson	16	1437CST			0	0			Thunderstorm Wind (G63)
									KSNW-TV weather lab at the Johnson middle school.
Hamilton County 9 SSW Kendall	16	1455CST			0	0			Hail (0.88)
Hamilton County 17 WNW Kendall	16	1500CST			0	0			Thunderstorm Wind (G71)
Hamilton County 7 ESE Syracuse	16	1500CST			0	0			Thunderstorm Wind (G62)
Stanton County Johnson	16	1500CST			0	0			Hail (0.75)
Stanton County Johnson	16	1500CST			0	0			Thunderstorm Wind (G56)
									Numerous tree limbs were blown down by the high wind.
Grant County 4 W Ulysses	16	1505CST			0	0			Thunderstorm Wind (G61)
Stanton County 5 NE Johnson	16	1505CST			0	0			Hail (0.75)
Grant County 11 NW Ulysses	16	1520CST			0	0			Hail (0.75)
Grant County 6 SW Ryus	16	1528CST			0	0			Thunderstorm Wind (G52)
Scott County 11.5 N Modoc	16	1530CST			0	0			Thunderstorm Wind (G69)
									Ten power poles were sheared off.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Scott County									
7 W Scott City	16	1535CST			0	0			Thunderstorm Wind (G69)
									A 40000 bushel grain bin was destroyed at KC Feeders.
Kearny County									
2 N Deerfield	16	1540CST			0	0			Thunderstorm Wind (G56)
									Two inch diameter tree branches were broken.
Scott County									
5 NW Scott City	16	1540CST			0	0			Thunderstorm Wind (G69)
									Two pivot irrigation sprinklers were overturned by the high wind. A barn also collapsed.
Haskell County									
7 NNW Sublette	16	1545CST			0	0			Thunderstorm Wind (G61)
									Three inch diameter tree branches were broken.
Finney County									
(Gck)Garden City Arpt	16	1549CST			0	0			Thunderstorm Wind (G53)
Finney County									
Garden City	16	1601CST			0	0			Thunderstorm Wind (G52)
									A power pole was blown down.
Finney County									
Garden City	16	1608CST			0	0			Thunderstorm Wind (G61)
									A tree was blown down near the Walmart store on HWY 156.
Haskell County									
15 N Sublette	16	1610CST			0	0			Thunderstorm Wind (G56)
									Two to four inch diameter tree branches were blown down.
Seward County									
4 NE Kismet	16	1635CST			0	0			Thunderstorm Wind (G61)
Gray County									
Cimarron	16	1636CST			0	0			Thunderstorm Wind (G52)
									Two inch tree branches were blown down.
Ellis County									
Ellis	16	1653CST			0	0			Thunderstorm Wind (G56)
Grant County									
10 S Ulysses	16	1653CST			0	0			Hail (0.75)
Hodgeman County									
14 NW Jetmore	16	1658CST			0	0			Thunderstorm Wind (G56)
									Three inch diameter tree branches were blown down.
Ford County									
Dodge City Arpt	16	1715CST			0	0			Thunderstorm Wind (G52)
									At the NWS office at the airport.
Ness County									
1 W Brownell	16	1722CST 1723CST	0.3	20	0	0			Tornado (F0)
									This was a brief tornado that did not cause damage.
Hodgeman County									
4 NE Hanston	16	1730CST			0	0			Thunderstorm Wind (G65)
									Two steel doors were blown off a shed.
Edwards County									
6 SW Kinsley	16	1735CST			0	0			Thunderstorm Wind (G52)
Hodgeman County									
12 SE Jetmore	16	1735CST			0	0			Thunderstorm Wind (G56)
Ellis County									
Ellis	16	1740CST			0	0			Thunderstorm Wind (G61)
									Three inch diameter tree branches were broken by the wind.
Hodgeman County									
8 N Hanston	16	1740CST			0	0			Thunderstorm Wind (G52)
Hodgeman County									
5 NE Hanston	16	1745CST			0	0			Thunderstorm Wind (G61)
									Three inch diameter tree branches were broken by the wind.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Ellis County									
Hays	16	1750CST			0	0			Thunderstorm Wind (G56)
Rush County									
5 SSE La Crosse	16	1800CST			0	0			Thunderstorm Wind (G52)
Trego County									
3 NW Cedar Bluff Res	16	1800CST			0	0			Thunderstorm Wind (G56)
Rush County									
1 W Otis	16	1805CST			0	0			Thunderstorm Wind (G61)
			Three inch diameter tree branches broken.						
Ness County									
11 SSE Bazine	16	1810CST			0	0			Thunderstorm Wind (G69)
			A large tree was blown over.						
Pratt County									
2 N Coats	16	1935CST			0	0			Thunderstorm Wind (G52)
Barber County									
Medicine Lodge Arpt	16	1942CST			0	0			Thunderstorm Wind (G58)
Ness County									
8 SW Ness City	16	2037CST			0	0			Thunderstorm Wind (G69)
Finney County									
(Gck)Garden City Arpt	20	2002CST			0	0			Thunderstorm Wind (G51)
Meade County									
11 NE Meade	21	1635CST			0	0			Hail (0.75)
Meade County									
6 SW Meade	21	1641CST			0	0			Hail (1.00)
Meade County									
6 SSW Meade	21	1645CST			0	0			Hail (0.75)
Meade County									
2 W Fowler	21	1726CST			0	0			Hail (1.75)
Meade County									
10 N Meade	21	1735CST			0	0			Hail (0.75)
Ford County									
17 SW Dodge City	21	1745CST			0	0			Hail (1.00)
Gray County									
6 E Montezuma	21	1755CST			0	0			Hail (1.25)
Pawnee County									
7 E Larned	21	1755CST			0	0			Hail (1.75)
Gray County									
6 E Montezuma	21	1756CST			0	0			Hail (1.75)
Pawnee County									
8 E Larned	21	1800CST			0	0			Hail (1.75)
Ford County									
16 W Bloom	21	1803CST			0	0			Hail (2.75)
Gray County									
5 S Ensign	21	1806CST			0	0			Hail (1.75)
Ford County									
3 S Dodge City	21	1809CST			0	0			Hail (1.75)
Ford County									
1 SW Dodge City	21	1810CST			0	0			Hail (1.00)
Gray County									
6 WNW Montezuma	21	1810CST			0	0			Hail (0.75)
Ford County									
1 SSW Dodge City	21	1813CST			0	0			Hail (1.75)
Ford County									
3 NW Dodge City	21	1815CST			0	0			Hail (1.50)
Hamilton County									
19 SW Syracuse	21	1815CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Ford County									
1 SSW Dodge City	21	1818CST			0	0			Hail (1.75)
Ford County									
Dodge City	21	1819CST			0	0			Hail (0.75)
Gray County									
6 W Montezuma	21	1820CST			0	0			Hail (1.75)
Ford County									
Dodge City Arpt	21	1821CST			0	0			Hail (1.00)
Gray County									
7 NE Copeland	21	1823CST			0	0			Hail (1.00)
			Also reported 50 to 60 mph winds with the hail.						
Ford County									
1 SSW Dodge City	21	1825CST			0	0			Hail (0.75)
Ford County									
1 SSW Dodge City	21	1825CST			0	0			Thunderstorm Wind (G52)
Stanton County									
6 NW Manter	21	1830CST			0	0			Thunderstorm Wind (G61)
			Large tree branches blown down.						
Stanton County									
Johnson	21	1834CST			0	0			Thunderstorm Wind (G60)
			Measured at the KSNW-TV weather lab at the Johnson middle school.						
Edwards County									
4 NE Offerle to 5 NE Offerle	21	1845CST			0	0			Hail (0.88)
Stanton County									
17 NW Johnson	21	1845CST			0	0			Thunderstorm Wind (G56)
Ford County									
Spearville	21	1852CST			0	0			Thunderstorm Wind (G61)
Hamilton County									
15 SE Syracuse	21	1900CST			0	0			Thunderstorm Wind (G52)
Gray County									
Ingalls	21	1903CST			0	0			Hail (0.88)
Grant County									
9 S Ulysses	21	1905CST			0	0			Thunderstorm Wind (G65)
			A garage was destroyed by the high wind.						
Morton County									
Rolla	21	1906CST			0	0			Hail (0.88)
Grant County									
Ulysses	21	1915CST			0	0			Thunderstorm Wind (G74)
			A roof was rolled back onto a trailer house and a large elm tree was blown down by the high wind.						
Grant County									
5 W Ulysses	21	1915CST			0	0			Thunderstorm Wind (G61)
Haskell County									
12 NNW Sublette	21	1915CST			0	0			Hail (1.00)
Kearny County									
16 SW Lakin	21	1915CST			0	0			Thunderstorm Wind (G88)
			This report was relayed by law enforcement.						
Grant County									
12 N Hickok	21	1920CST			0	0			Thunderstorm Wind (G61)
Stevens County									
2 W Hugoton	21	1920CST			0	0			Hail (1.00)
Ford County									
5 S Howell	21	1930CST			0	0			Hail (0.75)
Grant County									
15 NE Ulysses	21	1930CST			0	0			Hail (1.50)
Hodgeman County									
7 SSE Hanston	21	1930CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Hodgeman County									
7 SSE Hanston	21	1930CST			0	0			Thunderstorm Wind (G61)
			Three inch diameter tree branches blown down.						
Kearny County									
1 NE Lakin	21	1935CST			0	0			Thunderstorm Wind (G58)
Kearny County									
Lakin	21	1935CST			0	0			Thunderstorm Wind (G61)
			Numerous power poles were blown down in town. One pole landed on a house and caused considerable damage.						
Haskell County									
12 NNW Sublette	21	1940CST			0	0			Thunderstorm Wind (G65)
			A power pole was blown down and 3 semi trucks were blown over.						
Edwards County									
3 N Offerle	21	1945CST			0	0			Thunderstorm Wind (G61)
			A three sided shed was blown down.						
Haskell County									
6 ESE Sublette	21	1945CST			0	0			Thunderstorm Wind (G52)
Edwards County									
Kinsley	21	1950CST			0	0			Thunderstorm Wind (G52)
Pawnee County									
5 NNW Larned	21	2000CST			0	0			Hail (1.25)
Pawnee County									
7 S Larned	21	2000CST			0	0			Thunderstorm Wind (G61)
Pawnee County									
6 NE Sanford	21	2000CST			0	0			Thunderstorm Wind (G52)
Rush County									
4 S Rush Center	21	2000CST			0	0			Hail (1.50)
Finney County									
Garden City	21	2001CST			0	0			Thunderstorm Wind (G61)
			Three inch diameter tree branches were blown down.						
Gray County									
Copeland	21	2009CST			0	0			Thunderstorm Wind (G61)
Gray County									
Montezuma	21	2015CST			0	0			Thunderstorm Wind (G57)
			Reported by the KSNW-TV weatherlab at teh South Gray High School.						
Gray County									
Montezuma	21	2020CST			0	0			Thunderstorm Wind (G61)
			The roof was torn off the end of the old grade school. Numerous tree limbs were blown down across town.						
Kearny County									
14 N Deerfield	21	2025CST			0	0			Hail (0.75)
Gray County									
Cimarron	21	2027CST			0	0			Thunderstorm Wind (G61)
Finney County									
17 N Holcomb	21	2030CST			0	0			Thunderstorm Wind (G61)
			Numerous shingles were blown off.						
Rush County									
Liebenthal	21	2030CST			0	0			Hail (0.88)
Rush County									
2 E Loretta	21	2045CST			0	0			Hail (1.00)
Ellis County									
1 SE Walker	21	2110CST			0	0			Hail (0.75)
Trego County									
2 N Collyer	22	1405CST			0	0			Hail (1.75)
Rush County									
3 NE Mc Cracken	22	1550CST			0	0			Hail (0.88)
Rush County									
1 N Mc Cracken	22	1557CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Lane County Shields	22	1615CST			0	0			Thunderstorm Wind (G56)
Trego County 6 W Trego Center	22	1615CST			0	0			Thunderstorm Wind (G52)
Lane County Shields	22	1625CST			0	0			Thunderstorm Wind (G69)
			Trees blown down and posts broken off fences.						
Pawnee County 6 NNW Larned	22	1625CST			0	0			Thunderstorm Wind (G65)
			Several five inch diameter tree branches broken.						
Trego County 13 S Wakeeney	22	1626CST			0	0			Hail (0.75)
Rush County 1 E Nekoma	22	1638CST			0	0			Hail (0.75)
Ness County 10 SW Ness City	22	1706CST			0	0			Hail (1.00)
Ness County 8 S Ness City	22	1720CST			0	0			Hail (0.88)
Ness County 8 S Ness City	22	1720CST			0	0			Thunderstorm Wind (G62)
			Two to three inch diameter tree branches broken.						
Hodgeman County Jetmore	22	1725CST			0	0			Thunderstorm Wind (G52)
Rush County 6 S Rush Center	22	1725CST			0	0			Hail (0.75)
			Also had 2.40" of rain.						
Hodgeman County Hanston	22	1750CST			0	0			Thunderstorm Wind (G69)
			Trees uprooted by the wind.						
Pawnee County Larned to 5 E Larned	22	1755CST			0	0			Thunderstorm Wind (G65)
			Power lines were blown down across highway 56. Trees were uprooted in Larned. Many branches were broken.						
Stafford County 8 W St John	22	1845CST			0	0			Hail (1.00)
Morton County 10 NE Elkhart	22	1850CST			0	0			Thunderstorm Wind (G50)
Morton County 9 NW Elkhart	22	1850CST			0	0			Thunderstorm Wind (G52)
Seward County 14 E Liberal	22	1850CST			0	0			Hail (1.00)
Morton County Elkhart	22	1855CST			0	0			Thunderstorm Wind (G51)
			Measured by a television chase crew.						
Morton County 1 SW Rolla	22	1855CST			0	0			Thunderstorm Wind (G69)
			The roof of the Rolla post office was taken off by the high wind. Also had several four inch diameter tree branches broken.						
Rush County 5 S Rush Center	22	1855CST			0	0			Hail (0.88)
Rush County 5 S Rush Center	22	1855CST			0	0			Thunderstorm Wind (G56)
			Two to three inch diameter tree branches broken. Also had 2.00" of rain.						
Seward County 14 N Liberal	22	1900CST 1901CST	0.3	20	0	0			Tornado (F0)
			A brief tornado touched down and dissipated quickly. No damage was observed.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>KANSAS, Southwest</u>									
Morton County 5 NNE Elkhart	22	1902CST			0	0			Thunderstorm Wind (G52)
Stafford County 2 S Macksville	22	1904CST 1905CST	0.3	20	0	0			Tornado (F0)
A brief tornado touched down without doing any damage.									
Morton County 1 S Elkhart	22	1910CST			0	0			Thunderstorm Wind (G69)
Stevens County 11 WSWNW Hugoton	22	1910CST			0	0			Thunderstorm Wind (G52)
Comanche County Wilmore	22	1922CST			0	0			Thunderstorm Wind (G52)
Morton County Elkhart	22	1925CST			0	0			Thunderstorm Wind (G65)
Large tree branches were broken all over town.									
Seward County 6 S Hayne	22	1930CST			0	0			Hail (0.88)
Comanche County 3 E Protection	22	1939CST			0	0			Hail (1.00)
Comanche County 5 E Protection	22	1950CST			0	0			Hail (0.88)
Pawnee County 9 E Larned	28	1940CST			0	0			Thunderstorm Wind (G61)
Stafford County 7 SW Seward	28	1945CST			0	0			Thunderstorm Wind (G52)
Stafford County 1 SE Radium	29	0600CST			0	0			Heavy Rain
3.20" of rain.									
Stafford County 1 NW Radium	29	0600CST			0	0			Heavy Rain
3.75" of rain. Crops were destroyed by hail of unknown size and winds of unknown speeds.									
Hamilton County 9 S Coolidge	29	1740CST			0	0			Hail (0.75)
Pawnee County 9 E Larned	29	1940CST			0	0			Thunderstorm Wind (G61)
Stafford County 7 SW Seward	29	1945CST			0	0			Thunderstorm Wind (G52)
Ford County 2 NE Spearville	30	0600CST			0	0			Heavy Rain
3.50" of rain.									
<u>KENTUCKY, Central</u>									
Jessamine County Nicholasville	10	2137EST			0	0			Hail (1.25)
Madison County Richmond	10	2215EST			0	0			Hail (0.88)
Ohio County Fordsville	11	1640EST			0	0	10K		Thunderstorm Wind (G65)
Trees were downed. The roof of a barn was blown off. This occurred north of Fordsville on Highway 1700 near Old Askins Road.									
Ohio County Fordsville	11	1642EST			0	0			Thunderstorm Wind (G50)
Trees were downed along Highway 54 near Fordsville.									
Ohio County Fordsville	11	1643EST			0	0			Hail (1.75)
Grayson County 4 NW Short Creek	11	1700EST			0	0			Thunderstorm Wind (G50)
Grayson County Leitchfield	11	1730EST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Grayson County									
Caneyville	11	1740EST			0	0			Thunderstorm Wind (G50)
Grayson County									
Leitchfield	11	1748EST			0	0			Thunderstorm Wind (G50)
Lincoln County									
Mc Kinney	11	1827EST			0	0			Thunderstorm Wind (G50)
Logan County									
Auburn	11	1914EST			0	0			Hail (1.00)
Logan County									
Auburn	11	1914EST			0	0			Thunderstorm Wind (G50)
Warren County									
8 NW Bowling Green	11	1925EST			0	0			Hail (0.75)
Warren County									
Hadley	11	1925EST			0	0			Hail (1.00)
Clusters of severe thunderstorms downed trees and power lines over much of south central Kentucky.									
Jefferson County									
Countywide	19	1805EST			0	0			Thunderstorm Wind (G50)
Meade County									
Ekron	19	1905EST			0	0			Thunderstorm Wind (G50)
Hardin County									
4.2 S Sonora	19	2010EST 2015EST			0	0			Hail (1.00)
Larue County									
2.3 W Maxine	19	2015EST			0	0			Hail (0.75)
Trees were downed and large hail was reported over parts of north central Kentucky.									
Breckinridge County									
Mc Daniels	20	1645EST 1646EST			0	0			Hail (1.00)
Hancock County									
Lewisport	20	2020EST			0	0			Thunderstorm Wind (G50)
Hancock County									
Lewisport	20	2047EST 2200EST			0	0			Flash Flood
Sand Hill Road and U.S. Highway 60 were closed due to high water.									
Ohio County									
Hartford	20	2154EST			0	0			Thunderstorm Wind (G50)
Ohio County									
Beaver Dam	20	2200EST			0	0			Thunderstorm Wind (G50)
Ohio County									
3 S Beaver Dam	20	2209EST			0	0			Thunderstorm Wind (G50)
Sand Hill Road and U.S. Highway 60 near Lewisport in Hancock County were closed due to high water. Thunderstorm winds downed trees over much of north central Kentucky.									
Ohio County									
2 N Hartford	22	1216EST			0	0			Thunderstorm Wind (G50)
Logan County									
Russellville	22	1225EST			0	0			Hail (0.75)
Warren County									
Rich Pond	22	1341EST			0	0			Hail (0.75)
Hardin County									
2 W Cecilia	22	1355EST			0	0			Thunderstorm Wind (G50)
Hardin County									
Sonora	22	1355EST			0	0			Thunderstorm Wind (G50)
Warren County									
4 E Bowling Green	22	1355EST			0	0			Hail (0.75)
Warren County									
Woodburn	22	1355EST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Nelson County									
Boston	22	1445EST			0	0			Thunderstorm Wind (G50)
Trimble County									
Milton	22	1703EST			0	0			Thunderstorm Wind (G50)
Trimble County									
4 E Bedford	22	1707EST			0	0			Thunderstorm Wind (G50)
Logan County									
1 NW Russellville	22	1806EST			0	0			Hail (0.88)
Hancock County									
Lewisport	22	1811EST			0	0			Hail (0.75)
Hancock County									
Lewisport	22	1811EST			0	0			Thunderstorm Wind (G50)
Logan County									
5 S Russellville	22	1813EST 1817EST			0	0			Hail (1.00)
Logan County									
Russellville	22	1813EST			0	0			Thunderstorm Wind (G50)
Logan County									
Russellville	22	1818EST			0	0			Hail (0.75)
Allen County									
Scottsville	22	1948EST			0	0			Thunderstorm Wind (G50)
Allen County									
2 E Scottsville	22	1956EST			0	0			Thunderstorm Wind (G50)
Barren County									
2 E Glasgow	22	2025EST			0	0			Hail (0.75)
Barren County									
Countywide	22	2038EST			0	0			Thunderstorm Wind (G50)
Hart County									
Munfordville	22	2116EST			0	0			Thunderstorm Wind (G50)
Hart County									
Three Spgs	22	2116EST			0	0	150K		Thunderstorm Wind (G60)
Adair County									
2 SW Columbia	22	2150EST			0	0			Thunderstorm Wind (G50)
									Thunderstorms downed trees and power lines, and produced large hail over much of central Kentucky. At Three Springs in Hart County, several barns were knocked down and a mobile home was blown off the foundation. Power lines were blown on to houses at Sonora in Hardin County. North of Hartford in Ohio County, trees were blocking Highway 69.
Nicholas County									
East Union	24	0400EST 0630EST			0	0	10K	10K	Flash Flood
									Unspecified crop damage was reported. Two cars were flooded by high water. Burns road was flooded. No homes were damaged and no injuries were reported. Public reported four to five inches of rainfall.
Adair County									
Columbia	25	1806EST 2200EST			0	0			Flash Flood
									Three roadways in the city of Columbia had water flowing over them. A construction site just outside the city limits was under water. Highway 704 was covered by a foot of water.
Logan County									
2 W Russellville	26	1922EST			0	0			Hail (0.88)
Logan County									
Auburn	26	1955EST			0	0			Thunderstorm Wind (G50)
									Two trees were downed.
<u>KENTUCKY, Eastern</u>									
Letcher County									
Premium	01	1517EST 1521EST			0	0	0	0	Thunderstorm Wind (G53)
									A few 8 to 10 inch diameter trees blown down.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Breathitt County 2 N Whick	01	1953EST 1957EST			0	0	0	0	Thunderstorm Wind (G55)
Several large limbs down along Route 1110 halfway between Whick and Haddix. Also 1 tree down on Route 1110 at Whick.									
Magoffin County 2 SE Fredville	04	1208EST 1212EST			0	0	0	0	Hail (0.88)
Floyd County 2 NNE Betsy Layne	04	1223EST 1227EST			0	0	0	0	Hail (0.75)
Floyd County Garrett	04	1238EST 1242EST			0	0	0	0	Hail (0.75)
Mccreary County 8 NE Whitley City	10	1508EST 1512EST			0	0	0	0	Hail (1.00)
Pulaski County Faubush	10	1520EST 1524EST			0	0	0	0	Hail (0.75)
Wayne County Parnell	10	1528EST 1532EST			0	0	0	0	Hail (0.75)
Whitley County Redbird	10	1528EST 1532EST			0	0	0	0	Hail (0.88)
Wayne County 3 NW Monticello	10	1528EST 1532EST			0	0	2K	0	Thunderstorm Wind (G53)
Tree down and broke power line at Rogers Grove.									
Pulaski County Nancy	10	1603EST 1607EST			0	0	0	0	Hail (0.75)
Mccreary County 5 N Whitley City	10	1613EST 1617EST			0	0	0	0	Hail (0.88)
Pulaski County Burnside	10	1618EST 1622EST			0	0	0	0	Hail (0.75)
Pulaski County Bronston	10	1625EST 1629EST			0	0	0	0	Hail (0.88)
Whitley County Williamsburg	10	1643EST 1647EST			0	0	0	0	Thunderstorm Wind (G60)
Numerous trees down mainly along Highway 26 and Highway 25 South to the south and east of Williamsburg. Two transformers caught on fire by lightning.									
Mccreary County Beulah Hgts	10	1655EST 1659EST			0	0	0	0	Hail (1.75)
Whitley County 3 S Williamsburg	10	2033EST 2037EST			0	0	0	0	Thunderstorm Wind (G55)
Several trees down in yards along Highway 25 West.									
Perry County Daisy	11	1832EST 1836EST			0	0	0	0	Hail (1.00)
Letcher County 1 NE Blackey	11	1843EST 1847EST			0	0	0	0	Thunderstorm Wind (G55)
Trees down along Elk Creek Road.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Bell County									
Middlesboro	11	1908EST 1912EST			0	0	5K	0	Thunderstorm Wind (G55)
			One tree down in Spade Acres in Middlesboro. Trees down on Highway 987 towards Cubage. Power outages in the Ferndale area south of Pineville.						
Rockcastle County									
Brodhead	11	1912EST 1916EST			0	0	0	0	Hail (1.00)
Pulaski County									
5 E Eubank	11	1917EST 1921EST			0	0	0	0	Thunderstorm Wind (G53)
			Large limbs down.						
Jackson County									
Peoples	11	1943EST 1947EST			0	0	0	0	Thunderstorm Wind (G55)
			Six trees down along Highways 577 and 30 3 miles inside the Jackson and Laurel County line.						
Clay County									
Sidell	11	2004EST 2008EST			0	0	2K	0	Thunderstorm Wind (G55)
			Trees and power lines down hear Highway 638 and Beech Creek Road.						
Clay County									
Manchester	11	2009EST 2013EST			0	0	2K	0	Thunderstorm Wind (G55)
			Trees and power lines down.						
Clay County									
6 SSE Benge	11	2028EST			0	0	3K	0	Thunderstorm Wind (G55)
			Numerous trees down long with power lines.						
Perry County									
Krypton	11	2031EST 2035EST			0	0	4K	0	Thunderstorm Wind (G53)
			Power lines down on Meadow Branch Road.						
Leslie County									
2 NE Roark	11	2040EST 2044EST			0	0	0	0	Thunderstorm Wind (G53)
			Trees down blocking a road.						
Leslie County									
2 SE Hoskinston	11	2043EST 2047EST			0	0	5K	0	Thunderstorm Wind (G55)
			Trees down, completely blocking the road on Highway 2009. Electric and power poles broke. Trees down, completely blocking Highway 699 towards Cutshin. Other trees down countywid.						
Leslie County									
Cutshin	11	2043EST 2047EST			0	0	0	0	Thunderstorm Wind (G53)
			Three trees down.						
Leslie County									
Thousandsticks	11	2048EST 2052EST			0	0	0	0	Thunderstorm Wind (G55)
			Several large limbs down.						
Leslie County									
Thousandsticks	11	2048EST 2052EST			0	0	0	0	Hail (0.88)
Leslie County									
Cutshin	11	2049EST 2053EST			0	0	0	0	Thunderstorm Wind (G53)
			Tree down on Cutshin Road.						
Leslie County									
1 S Stinnett	11	2050EST 2054EST			0	0	0	0	Thunderstorm Wind (G53)
			Tree over a road near Hoskinston.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Leslie County									
Cutshin	11	2053EST 2057EST			0	0	0	0	Thunderstorm Wind (G53)
		Large limbs down.							
Leslie County									
Smilax	11	2113EST 2117EST			0	0	0	0	Thunderstorm Wind (G55)
		Several trees down.							
Perry County									
Vicco	11	2113EST 2117EST			0	0	5K	0	Thunderstorm Wind (G55)
		Several trees and power lines down.							
Letcher County									
Linefork	11	2119EST 2123EST			0	0	0	0	Thunderstorm Wind (G53)
		One tree and a few large limbs down.							
Letcher County									
Cromona	11	2123EST 2127EST			0	0	0	0	Thunderstorm Wind (G53)
		One tree down on Highway 805.							
Letcher County									
2 NE Linefork	11	2123EST 2127EST			0	0	0	0	Thunderstorm Wind (G55)
		Two trees down 2 miles north of Linefork along Highway 1103. Large limbs down on Highway 160 at Kings Creek.							
Owsley County									
Booneville	11	2318EST 2322EST			0	0	0	0	Hail (0.75)
Floyd County									
6 W Prestonsburg	20	1342EST 1346EST			0	0	0	0	Hail (1.00)
Leslie County									
Smilax	20	1418EST 1422EST			0	0	0	0	Thunderstorm Wind (G53)
		One tree down along Highway 699.							
Martin County									
Pilgrim	20	1428EST 1432EST			0	0	0	0	Hail (0.75)
Perry County									
Saul	20	1508EST 1512EST			0	0	0	0	Hail (1.00)
Pulaski County									
Faubush	20	1543EST 1547EST			0	0	0	0	Thunderstorm Wind (G55)
		Two trees down.							
Rockcastle County									
1 SSE Mt Vernon	20	1658EST 1702EST			0	0	0	0	Hail (0.88)
Laurel County									
Mershons	20	1732EST 1736EST			0	0	0	0	Hail (1.25)
Laurel County									
Mershons	20	1738EST 1742EST			0	0	0	0	Hail (1.00)
Owsley County									
Booneville	20	1743EST 1747EST			0	0	0	0	Hail (0.88)
Owsley County									
Vincent	20	1743EST 1747EST			0	0	8K	0	Thunderstorm Wind (G55)
		Several trees down blocking roads near Vincent and Travellers Rest. Also a barn was blown down and destroyed.							

Storm Data and Unusual Weather Phenomena

June 2006

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									
1 S Relief	21	1613EST 1617EST			0	0	0	0	Hail (1.00)
Johnson County									
1 N Elna	21	1623EST 1627EST			0	0	0	0	Hail (0.75)
Hail covered the ground.									
Pulaski County									
Science Hill	22	2213EST 2217EST			0	0	0	0	Hail (0.75)
Pulaski County									
15 W Somerset	22	2217EST 2221EST			0	0	0	0	Hail (0.75)
Knox County									
Girdler	22	2219EST 2223EST			0	0	4K	0	Thunderstorm Wind (G55)
Several trees down around Girdler. Large limbs and several trees also down in Jarvis on Wilson Branch. Power outages reported in Jarvis and Girdler.									
Laurel County									
London	22	2232EST 2236EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees down along Route 363.									
Laurel County									
2 NW Dortha	22	2238EST 2242EST			0	0	0	0	Hail (0.88)
Knox County									
2 N Barbourville	22	2253EST 2257EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees down on Route 11 North.									
Mcreary County									
5 N Whitley City	22	2303EST 2307EST			0	0	0	0	Hail (0.75)
Mcreary County									
Whitley City	22	2303EST 2307EST			0	0	15K	0	Thunderstorm Wind (G65)
Multiple trees and power lines down across the county. Tree also on fire in Whitley City.									
Owsley County									
Booneville	22	2303EST 2307EST			0	0	10K	0	Thunderstorm Wind (G65)
Numerous trees and power lines down across county. Widespread power outages reported.									
Mcreary County									
Whitley City	22	2305EST 2309EST			0	0	8K	0	Thunderstorm Wind (G65)
Numerous trees and power lines down.									
Mcreary County									
Whitley City	22	2306EST 2310EST			0	0	0	0	Hail (1.00)
Wayne County									
Monticello	22	2313EST 2317EST			0	0	5K	0	Thunderstorm Wind (G60)
Numerous trees down over south portion of the county. Power out in Monticello for a couple of hours.									
Wayne County									
Gregory	22	2318EST 2322EST			0	0	0	0	Hail (0.88)
Clay County									
Oneida	22	2328EST 2332EST			0	0	0	0	Thunderstorm Wind (G53)
Couple of trees and large limbs down.									

Storm Data and Unusual Weather Phenomena

June 2006

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									
5 N Manchester	22	2328EST 2332EST			0	0	0	0	Thunderstorm Wind (G53)
			Tree down on Highway 421.						
Estill County									
Irvine	22	2343EST 2347EST			0	0	0	0	Thunderstorm Wind (G53)
			Large tree limb down on Maple Street.						
Lee County									
Beattyville	22	2348EST 2352EST			0	0	0	0	Thunderstorm Wind (G53)
			Few large limbs down.						
Breathitt County									
Canoe	22	2348EST 2352EST			0	0	2K	0	Thunderstorm Wind (G53)
			One tree and one power line blown down.						
Breathitt County									
Jackson	22 23	2358EST 0002EST			0	0	0	0	Thunderstorm Wind (G53)
			Two large limbs down in Wolverine.						
Estill County									
Wisemantown	22 23	2358EST 0002EST			0	0	0	0	Thunderstorm Wind (G53)
			Tree down across Highway 1457.						
Estill County									
5 NW Irvine	22 23	2358EST 0002EST			0	0	0	0	Thunderstorm Wind (G53)
			Two trees down on Blue Run Road near Witt Springs.						
Wolfe County									
Gillmore	23	0028EST 0032EST			0	0	0	0	Hail (0.88)
Pike County									
3 SW Virgie	23	0206EST 0210EST			0	0	0	0	Hail (0.75)
<u>KENTUCKY, Northeast</u>									
Carter County									
Grayson	20	0417EST			0	0			Hail (0.75)
Greenup County									
South Shore	22	2000EST			0	0			Thunderstorm Wind (G50)
			Trees were blown down.						
<u>KENTUCKY, Northern</u>									
Boone County									
Petersburg	07	1443EST 1447EST			0	0	4K		Thunderstorm Wind (G50)
			Several trees were downed along Woolper and Ashby Fork Roads.						
Kenton County									
Covington	19	1530EST 1533EST			0	0	8K		Thunderstorm Wind (G50)
			A large tree was blown on to a house in Covington, causing major structural damage.						
Mason County									
Mays Lick	19	1746EST 1749EST			0	0	3K		Thunderstorm Wind (G50)
			A few trees were knocked down along Weaver Road.						
Boone County									
Florence	22	1750EST 1752EST			0	0			Thunderstorm Wind (G52)
			An estimated gust of 60 mph occurred in Florence.						

Storm Data and Unusual Weather Phenomena

June 2006

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, Northern</u>									
Kenton County									
Erlanger	22	1800EST 1804EST			0	0	3K		Thunderstorm Wind (G50)
		Trees were downed.							
Mason County									
Washington	22	1853EST 1857EST			0	0	3K		Thunderstorm Wind (G50)
		Several large tree limbs were knocked down.							
Carroll County									
Carrollton	28	2058EST 2102EST			0	0	3K		Thunderstorm Wind (G50)
		Three trees were knocked down.							
<u>KENTUCKY, Southwest</u>									
Marshall County									
6 NW Benton	01	1400CST			0	0			Thunderstorm Wind (G50)
		A few trees were blown down.							
Todd County									
3 SE Trenton	01	1723CST			0	0			Thunderstorm Wind (G50)
		Route 104 between Trenton and Guthrie was closed due to a few trees across it.							
Webster County									
Sebree	03	1648CST			0	0			Hail (0.75)
Hopkins County									
Madisonville	03	1730CST 1744CST			0	0			Hail (1.00)
		Hail up to the size of quarters fell in downtown Madisonville. The hailstones were photographed.							
Union County									
Pride	03	1932CST			0	0			Hail (0.88)
Webster County									
Clay	03	1953CST			0	0			Hail (0.75)
Daviess County									
West Louisville	07	1440CST			0	0			Hail (1.75)
McLean County									
Calhoun	07	1525CST 1528CST			0	0			Hail (1.75)
McLean County									
Calhoun to Sacramento	07	1540CST 1545CST			0	0	8K		Thunderstorm Wind (G50)
		Widespread tree damage and downed power lines were reported throughout Calhoun and in the Sacramento area.							
McLean County									
Calhoun to Sacramento	07	1540CST 1640CST			0	0			Flash Flood
		Major street flooding occurred throughout Calhoun due to heavy thunderstorm rains. A trained spotter in Sacramento measured 2 inches of rain within an hour.							
Muhlenberg County									
Bremen to Graham	07	1600CST 1615CST			0	0	7K		Thunderstorm Wind (G50)
		Trees were down just south of South Carrollton. There were reports of widespread tree damage across the northern half of the county, including Graham and Bremen.							
Muhlenberg County									
6 SW Greenville	07	1615CST 1648CST			0	0			Heavy Rain
		A trained spotter measured 1.50 inches of rain in less than half an hour.							
Muhlenberg County									
Graham to 4.5 SW Bancroft	07	1615CST			0	0			Hail (1.25)
		Reports of half-dollar size hail 2 to 4.5 miles southwest of Bancroft were obtained by NSSL during the Severe Hail Verification Experiment (SHAVE). Nickel size hail fell in Graham.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>KENTUCKY, Southwest</u>									
Muhlenberg County									
Bancroft to 7 S Greenville	07	1626CST 1638CST			0	0			Hail (2.00)
Hail ranging from the size of golf balls to hen eggs was reported.									
Hopkins County									
2 NE Nortonville to 2 SW White Plains	07	1630CST 1640CST			0	0			Hail (1.25)
Quarter size hail occurred at the state police post along the Western Kentucky Parkway at mile marker 40. A few other reports of quarter to half-dollar size hail were received within a couple miles of White Plains during a National Severe Storms Lab (NSSL) experiment.									
Christian County									
Crofton to 2 N Hopkinsville	07	1640CST 1650CST			0	0			Hail (1.00)
Nickel to quarter size hail fell.									
Christian County									
2 N Hopkinsville	07	1643CST			0	0			Funnel Cloud
Christian County									
2 W Hopkinsville to 5 NE Hopkinsville	07	1655CST 1707CST			0	0			Hail (1.75)
Golf-ball size hail fell in Hopkinsville. Eight reports of nickel to quarter size hail north and northeast of Hopkinsville were received through the NSSL Severe Hail Verification Experiment.									
Christian County									
2 N Hopkinsville to Hopkinsville	07	1705CST 1720CST			0	0			Thunderstorm Wind (G52)
Trees were down on U.S. Highway 41 North just north of Hopkinsville. Numerous trees were blown down in Hopkinsville.									
Todd County									
Allegre	07	1710CST			0	0			Hail (1.75)
Christian County									
8 S Hopkinsville to 5 S Herndon	07	1735CST 1750CST			0	0			Hail (3.50)
A report of tea-cup to grapefruit size hail was received 5 miles south of Herndon through the NSSL Severe Hail Verification Experiment. A few reports of nickel to half-dollar size hail were received from Herndon to 8 miles south of Hopkinsville. Winds were estimated near 55 MPH with the hail 8 miles south of Hopkinsville.									
Christian County									
8 SW Hopkinsville	07	1735CST			0	0	10K		Thunderstorm Wind (G50)
Large trees were blown down on Kentucky 117. One tree landed on the highway.									
Daviess County									
Whitesville	11	1445CST 1515CST			0	0			Heavy Rain
Nearly an inch of rain was received within 20 minutes.									
Daviess County									
Whitesville	11	1515CST			0	0			Hail (1.00)
Ballard County									
Barlow	17	1340CST			0	0			Thunderstorm Wind (G50)
Trees were blown down.									
Mccracken County									
Lone Oak to Paducah	17	1420CST 1430CST			0	0	4K		Thunderstorm Wind (G50)
An off-duty meteorologist estimated winds gusted from 50 to 60 MPH in Lone Oak. Several trees were blown down in the Paducah and Lone Oak areas. Tree limbs fell on power lines, causing some power outages. One tree landed on a house.									
Henderson County									
2 SW Henderson	20	1430CST			0	0			Hail (0.75)
Received through the NSSL Severe Hail Verification Experiment.									
Henderson County									
5 SW Henderson	20	1500CST			0	0			Hail (0.88)
Received through NSSL (National Severe Storms Lab).									
Henderson County									
4 S Henderson	20	1519CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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, Southwest</u>									
Henderson County									
5 W Robards	20	1550CST			0	0			Hail (0.75)
			Received through the NSSL SHAVE project.						
Webster County									
Poole to 1 E Poole	20	1605CST 1613CST			0	0			Hail (1.00)
			A report of quarter size hail was received about a mile east of Poole through an NSSL project. A post office reported dime size hail in Poole.						
Daviess County									
Whitesville	20	2004CST			0	0			Hail (1.00)
Daviess County									
Whitesville	20	2010CST			0	0			Thunderstorm Wind (G50)
			Three trees were blown down.						
Carlisle County									
Arlington	22	0713CST			0	0			Hail (0.88)
Graves County									
Water Vly	22	0721CST			0	0			Hail (0.88)
Graves County									
5 S Mayfield	22	0740CST			0	0			Hail (0.88)
Graves County									
5 S Mayfield	22	0742CST			0	0			Thunderstorm Wind (G50)
			Trees were blown down.						
Graves County									
6 ENE Mayfield to 8 ENE Mayfield	22	0803CST 0806CST			0	0	25K		Thunderstorm Wind (G52)
			Numerous large trees were blown down. Kentucky Highway 58 was blocked by downed trees from near Kentucky 301 to the Marshall County line. Trees landed on power lines. At least a couple of trees landed on vehicles and outbuildings.						
Marshall County									
7.5 WSW Benton to Benton	22	0808CST 0820CST			0	0	50K		Thunderstorm Wind (G54)
			Numerous trees were blown down. A few of the trees landed on houses and vehicles. Some roads were blocked by trees. Kentucky Highway 58 was partially blocked by downed power lines near Benton. Power outages lasted up to 24 hours for some residents of Benton.						
Marshall County									
Brewers to Benton	22	0815CST 0830CST			0	0			Hail (1.00)
			Dime to quarter size hail fell from Brewers to Benton.						
Marshall County									
6 E Draffenville	22	0840CST			0	0			Hail (0.75)
Marshall County									
7 NE Benton to 2 NE Fairdealing	22	0840CST			0	0	5K		Thunderstorm Wind (G52)
			At a summer camp along Kentucky Lake east of Benton, about 25 trees fell. One tree fell on an unoccupied cabin. There was slight damage to a fishing dock. Trees were down in other areas near Kentucky Lake, mainly northeast of Benton along Kentucky 963.						
Lyon County									
8 SSW Kuttawa	22	0845CST			0	0	10K		Thunderstorm Wind (G52)
			Numerous trees were blown down at the Hillman Ferry campground in the Land Between The Lakes National Recreation Area. Some recreational vehicles sustained minor damage, and utility lines were downed.						
Lyon County									
7 SSE Eddyville to 6 SE Eddyville	22	0854CST 0858CST			0	0	150K		Thunderstorm Wind (G74)
			A National Weather Service damage survey indicated a downburst with gusts up to 85 MPH occurred near the east shore of Lake Barkley in an area known as Eddy Creek. The damage area was about 2 miles wide and 3.5 miles long. The north to south extent of the damage was along Kentucky 93 from the north side of Eddy Bay to the community of Confederate. The west to east extent of the damage was from Lake Barkley to just east of Interstate 24. Hundreds of large trees were snapped or uprooted. Many trees were downed at a resort on the lake, damaging three permanent campers. A few motorists were stranded between downed trees and power lines across roads. A private boat dock was heavily damaged, along with a boat. About a half dozen homes and structures sustained roof and siding damage, which was mainly minor. Three homes were damaged when trees fell on them. One lane of eastbound Interstate 24 near the 49 mile marker was blocked for several hours by downed trees. A canopy was blown off a gas station. Widespread power outages lasted into the following day.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Caldwell County									
Princeton	22	0915CST			0	0			Thunderstorm Wind (G50)
			Numerous trees were blown down, with eight streets briefly blocked in the city limits.						
Muhlenberg County									
Weir	22	1510CST			0	0			Thunderstorm Wind (G50)
			Trees were downed.						
Todd County									
Sharon Grove	22	1628CST			0	0			Hail (0.88)
Muhlenberg County									
Countywide	22	1628CST 1730CST			0	0			Flash Flood
			Several roads were closed county-wide as a result of flooding rains from thunderstorms.						
Todd County									
Clifty	22	1645CST			0	0			Hail (1.00)
			Quarter size hail fell in northeast portions of the county.						
Daviess County									
Yelvington	22	1650CST			0	0			Hail (0.75)
Marshall County									
Benton	26	1633CST			0	0			Hail (0.88)
Hopkins County									
Mortons Gap to 2 E White Plains	26	1643CST 1655CST			0	0			Thunderstorm Wind (G52)
			At Mortons Gap, a trained spotter estimated wind gusts to 60 MPH. Several trees were down just east of White Plains along Highway 62.						
Hopkins County									
6 E Mortons Gap	26	1650CST			0	0			Hail (0.75)
Calloway County									
Hamlin	26	1729CST 1739CST			0	0			Hail (1.00)
Calloway County									
Hamlin	26	1750CST			0	0			Hail (1.00)
Graves County									
Lynnville	30	1500CST			0	0			Hail (0.88)
Graves County									
Lynnville	30	1500CST			0	0	10K		Thunderstorm Wind (G52)
			Numerous trees were blown down, knocking out power and phone service to the community.						
<u>LAKE ERIE</u>									
Mi Waters Of Lake Erie									
7 E Monroe Harbor	19	1305EST			0	0			Waterspout
			Coast Guard reported a waterspout 7 E of Monroe.						
Mi Waters Of Lake Erie									
Detroit River Light	19	1629EST			0	0			Marine Hail
Avon Point To Willowick Oh									
Avon Point to Willowick	19	1330EST 1510EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	19	1330EST 1510EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	19	1330EST 1510EST			0	0			Marine Tstm Wind
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	19	1330EST 1510EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	19	1330EST 1510EST			0	0			Marine Tstm Wind
Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border									
Vermilion to Avon Point	19	1330EST 1510EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	19	1330EST 1510EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	19	1330EST 1510EST			0	0			Marine Tstm Wind
The Islands To Vermilion Oh									
The Islands to Vermilion	19	1330EST 1510EST			0	0			Marine Tstm Wind
Vermilion To Avon Point Oh									
Vermilion to Avon Point	19	1330EST 1510EST			0	0			Marine Tstm Wind
A strong to severe line of thunderstorms moved into the western basin of Lake Erie during the early afternoon hours of the 19th. The line of thunderstorms tracked across the lake and moved inland just east of Cleveland. Winds were estimated to be at least 35 knots as the line of thunderstorms passed by.									
Avon Point To Willowick Oh									
Avon Point to Willowick	19	1651EST 1920EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	19	1651EST 1920EST			0	0			Marine Tstm Wind
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	19	1651EST 1920EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	19	1651EST 1920EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	19	1651EST 1920EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	19	1651EST 1920EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	19	1651EST 1920EST			0	0			Marine Tstm Wind
The Islands To Vermilion Oh									
The Islands to Vermilion	19	1651EST 1920EST			0	0			Marine Tstm Wind
<p>A line of strong to severe thunderstorms moved across northern Ohio during the late afternoon hours of the 19th. As the northern portion of this line of thunderstorms passed over the southern half of Lake Erie, winds gusts associated with thunderstorms were estimated to be at least 35 knots. Also, there were numerous reports of penny size hail with this line of thunderstorms along the south shore of Lake Erie from Maumee Bay to near Cleveland.</p>									
Mi Waters Of Lake Erie									
Luna Pier	21	1758EST			0	0			Marine Tstm Wind
Mi Waters Of Lake Erie									
North Cape	21	2013EST			0	0			Marine Hail
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	21	1830EST 1915EST			0	0			Marine Tstm Wind
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	21	1830EST 1915EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	21	1830EST 1915EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	21	1830EST 1915EST			0	0			Marine Tstm Wind

A line of strong thunderstorms moved across Lake Erie during the evening hours of the 21st. Wind gusts were estimated to be at least 35 knots as the storms passed over the area.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
Avon Point To Willowick Oh									
Avon Point to Willowick	21	1915EST 2000EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	21	1915EST 2000EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	21	1915EST 2000EST			0	0			Marine Tstm Wind
Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border									
Vermilion to Avon Point	21	1915EST 2000EST			0	0			Marine Tstm Wind
The Islands To Vermilion Oh									
The Islands to Vermilion	21	1915EST 2000EST			0	0			Marine Tstm Wind
Vermilion To Avon Point Oh									
Vermilion to Avon Point	21	1915EST 2000EST			0	0			Marine Tstm Wind
Strong thunderstorms continued to move east across the southern half of Lake Erie during the evening hours of the 21st. Wind gusts were estimated to be at least 35 knots as the storms passed over the area.									
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	21	2115EST 2145EST			0	0			Marine Tstm Wind
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	21	2115EST 2145EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	21	2115EST 2145EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	21	2115EST 2145EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	21	2115EST 2145EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
The Islands To Vermilion Oh									
The Islands to Vermilion	21	2115EST 2145EST			0	0			Marine Tstm Wind
Vermilion To Avon Point Oh									
Vermilion to Avon Point	21	2115EST 2145EST			0	0			Marine Tstm Wind
Strong thunderstorms continued to develop along the southern shore of Lake Erie through the evening hours and track into the nearshore and open water areas of the lake. Wind gusts associated with this area of thunderstorms were at least 35 knots.									
Avon Point To Willowick Oh									
Avon Point to Willowick	22	1410EST 1500EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	22	1410EST 1500EST			0	0			Marine Tstm Wind
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	22	1410EST 1500EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	22	1410EST 1500EST			0	0			Marine Tstm Wind
Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border									
Vermilion to Avon Point	22	1410EST 1500EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	22	1410EST 1500EST			0	0			Marine Tstm Wind
The Islands To Vermilion Oh									
The Islands to Vermilion	22	1410EST 1500EST			0	0			Marine Tstm Wind
Vermilion To Avon Point Oh									
Vermilion to Avon Point	22	1410EST 1500EST			0	0			Marine Tstm Wind
Much of northern Ohio experienced strong to severe thundestorms during the afternoon hours of the 22nd. An area of strong thunderstorms moved over the nearshore and open waters along the southern half of Lake Erie. These thunderstorms produced wind gusts estimated to be around 35 knots as they passed over the area.									
Mi Waters Of Lake Erie									
3 NE Stony Point to Stony Point	27	1435EST			0	0	0		Waterspout

The same storm cell that produced a brief F0 tornado touchdown just northwest of Estral Beach was responsible for a waterspout sighted by a trained spotter approximately 1 mile east of Estral Beach. No injuries, deaths, or damages were reported.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
Mi Waters Of Lake Erie									
5 NE Stony Point	27	1445EST			0	0			Waterspout
Trained spotter reported a waterspout just offshore of Estral Beach.									
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	27	1535EST 1545EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	27	1540EST			0	0			Marine Tstm Wind
Strong thunderstorms moved across the far western basin of Lake Erie during the afternoon hours of the 27th. A wind gust of 37 knots was measured at the Toledo Light.									
Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border									
Willowick to Geneva-On-The-Lake	28	1930EST 1945EST			0	0			Marine Tstm Wind
Willowick To Geneva On The Lake Oh									
Willowick to Geneva-On-The-Lake	28	1930EST 1945EST			0	0			Marine Tstm Wind
A line of strong thunderstorms moved through northeast Ohio during the late evening hours of the 28th and over the nearshore and open waters of Lake Erie. Wind gusts were estimated to be 35 knots as the storms passed by.									
Geneva On The Lake Oh To Conneaut Oh									
Geneva-On-The-Lake to Conneaut	28	1945EST 2000EST			0	0			Marine Tstm Wind
Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border									
Geneva-On-The-Lake to Conneaut	28	1945EST 2000EST			0	0			Marine Tstm Wind
A line of strong thunderstorms moved through northeast Ohio during the late evening hours of the 28th. The northern portion of this line of thunderstorms moved over the nearshore and open waters of Lake Erie causing wind gusts estimated at 35 knots as they passed.									
<u>LAKE HURON</u>									
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Huron	19	1550EST			0	0			Marine Tstm Wind
Pt Sanilac To Pt Huron Mi									
Port Huron	19	1550EST			0	0			Marine Tstm Wind
5Nm E Of Mackinac Bridge To Presque Isle Lt Mi									
10 WNW Forty Mile Pt	27	1658EST			0	0			Marine Hail

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE HURON</u>									
Lh 5Nm E Of Mackinac Bridge To Presque Isl Lt Mi Ewd Byd 5Nm Offshore To Intl Border									
16 NW Rogers City	27	1718EST			0	0			Marine Hail
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Huron	28	1330EST			0	0			Marine Hail
Pt Sanilac To Pt Huron Mi									
Port Huron	28	1330EST			0	0			Marine Hail
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Lexington	28	1618EST			0	0			Marine Hail
Pt Sanilac To Pt Huron Mi									
Lexington	28	1618EST			0	0			Marine Hail
Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi									
Point Au Gres	30	1438EST			0	0			Marine Tstm Wind
<u>LAKE MICHIGAN</u>									
Bay Of Green Bay Cedar R To Rock Is Psg To Marinette To Fish Cr Wi									
Sister Bay	18	1643CST			0	0			Waterspout
Thunderstorms developed near a surface boundary that moved across eastern Wisconsin. The storms produced a waterspout over the Bay of Green Bay. The waterspout was viewed from the Sister Bay Marina near the intersection of highway 42 and Sunset Drive.									
North Pt Lt To Wind Pt Wi									
Milwaukee Harbor	21	0615CST			0	0			Marine Tstm Wind
Pt Washington To North Pt Lt Wi									
Mequon	21	0625CST 0632CST			0	0			Marine Tstm Wind
Power lines down on the lakeshore in Bayside at 0625 CST and Mequon at 0632 CST.									
Sheboygan To Pt Washington Wi									
Sheboygan	21	0656CST			0	0			Marine Tstm Wind
Lm Sheboygan Wi To Winthrop Harbor Il Ewd Byd 5Nm To Mid Line Of Lake									
38 ESE Wind Point	21	0730CST			0	0			Marine Tstm Wind
Numerous thunderstorms developed during the early morning hours of June 21st, producing mainly damaging winds. A couple thunderstorms moved out over the Wisconsin nearshore waters and open waters between 0600CST and 0800CST and produced wind gusts between 38 and 52 knots. Synoptically, thunderstorms developed along a warm front that extended from northeast Iowa, into southern Wisconsin and across Lake Michigan into Lower Michigan. A layer of drier air aloft contributed to the cause for wind damaging thunderstorms.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Burn Hbr To Michigan City In Michigan City	21	1635CST			0	0			Marine Tstm Wind
	A wind gust to 79 mph was measured at Michigan City.								
Lm Michigan City To St Joseph To 5Nm Offshore To Mid Line Of Lake Michigan City	21	1738EST 1739EST			0	0			Marine Tstm Wind
	Measured at the Michigan City Lighthouse.								
Michigan City In To New Buffalo Mi Michigan City	21	1840EST 1841EST			0	0			Marine Tstm Wind
Burn Hbr To Michigan City In Michigan City	22	0915CST			0	0			Marine Tstm Wind
	A wind gust to 43 mph was measured at Michigan City.								
Lm Michigan City To St Joseph To 5Nm Offshore To Mid Line Of Lake Michigan City	22	0958EST			0	0			Marine Tstm Wind
	Measured at the Michigan City Lighthouse.								
Wind Pt Lt Wi To Winthrop Hbr II Kenosha	28	1825CST			0	0			Marine Tstm Wind
	A thunderstorm pushed onto Lake Michigan around Kenosha and produced a 44 knot measured gust at the Kenosha GLERL site.								
Burn Hbr To Michigan City In Michigan City	28	2150CST			0	0			Marine Tstm Wind
	A wind gust to 44 mph was measured at Michigan City.								
<u>LAKE ST CLAIR</u>									
Detroit River Ambassador Bridge Lake St Clair (U.S. Portion) New Baltimore	03	1544EST			0	0			Marine Hail
St Clair River City Of St. Clair	08	1715EST			0	0			Marine Hail
Detroit River Ambassador Bridge Lake St Clair (U.S. Portion) Grosse Pointe	19	1220EST			0	0			Marine Hail
St Clair River Port Huron	19	1550EST			0	0			Marine Tstm Wind
Detroit River Wyandotte	19	1629EST			0	0			Marine Hail
Detroit River Belle Isle	21	2109EST			0	0			Marine Tstm Wind
Lake St Clair (U.S. Portion) St. Clair Shores	21	2109EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ST CLAIR</u>									
Lake St Clair (U.S. Portion)									
Metropolitan Beach	27	0955EST			0	0			Marine Hail
St Clair River									
Algonac	27	0955EST			0	0			Marine Hail
Detroit River									
Wyandotte	27	1530EST			0	0			Marine Hail
Lake St Clair (U.S. Portion)									
Grosse Pointe	27	1540EST			0	0			Marine Hail
St Clair River									
City Of St. Clair to Port Huron	28	1635EST			0	0			Marine Hail
<u>LAKE SUPERIOR</u>									
Keweenaw Bay And Huron Bay Lwr Ent Lt To Portage Lake To Huron Is Mi									
2 SW Rock Beach Point	17	1328EST 1333EST			0	0			Marine Hail
Three-quarter inch hail reported in Pequaming.									
Keweenaw Bay And Huron Bay Lwr Ent Lt To Portage Lake To Huron Is Mi									
L'Anse	17	1333EST 1338EST			0	0			Marine Tstm Wind
50-foot tall pine tree broke in half and a 7-inch diameter poplar tree broke off in L'anse.									
Keweenaw Bay And Huron Bay Lwr Ent Lt To Portage Lake To Huron Is Mi									
4 SSW Keweenaw Lwr	17	1405EST 1410EST			0	0			Marine Tstm Wind
Pine tree snapped at Arnheim.									
Huron Is To Marquette Mi									
4 NW Little Presque Is	17	1415EST 1420EST			0	0			Marine Tstm Wind
Many trees blown down or uprooted along Eagles Nest and Buckroe Roads. One tree uprooted along County Highway 550.									
Ontonagon To Upr Ent Of Portage Canal Mi									
8.5 SW Keweenaw Upr	17	1545EST 1550EST			0	0			Marine Tstm Wind
Wind gust measured at 62 mph at Freda and a 6-inch birch tree snapped off at Freda. Severe thunderstorms produced damaging wind and large hail over portions of west and central Lake Superior nearshore areas on the afternoon of the 17th.									
Chequamegon Bay Bayfield To Oak Pt Wi									
1 S Bayfield	17	1430CST			0	0	400K		Marine Tstm Wind
The winds caused major damage to docks and boats.									

Storm Data and Unusual Weather Phenomena

June 2006

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

**Keweenaw Bay And
Huron Bay Lwr Ent
Lt To Portage Lake
To Huron Is Mi**

L'Anse	21	1543EST 1548EST			0	0			Marine Tstm Wind
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Several trees down at L'anse.

**Huron Is To
Marquette Mi**

6 S Big Bay Point Ligh	21	1625EST 1635EST			0	0			Marine Tstm Wind
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Several 4-5 inch diameter trees down 4 miles south of Big Bay.

**Marquette To
Munising Mi**

6 WNW Au Train	21	1725EST			0	0			Marine Hail
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Three-quarter inch hail fell for five minutes.

Several thunderstorms produced damaging wind and large hail over central Lake Superior nearshore waters on the afternoon of the 21st.

**Duluth Mn To Pt
Wing Wi**

Duluth	26	1615CST			0	0			Marine Tstm Wind
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The gust was measured at KDYT (at end of Park Point).

LOUISIANA, Northeast

NONE REPORTED.

LOUISIANA, Northwest

Caddo Parish

3 W Blanchard	06	1840CST			0	0			Thunderstorm Wind (G55)
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Trees downed on Blanchard Furr Rd.

Bossier Parish

Bossier City	06	1905CST			0	0			Thunderstorm Wind (G55)
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Trees were blown down.

LAZ002

Bossier

12	1600CST				1	0			Heat
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A Bossier Parish man was doing yard work outdoors when he began to suffer headache, nausea and fatigue. He was found passed out in his bathtub that night. He was taken to a local hospital where it was later confirmed that he died of a heat stroke. M22OU

De Soto Parish

1 E Logansport	17	1215CST			0	0			Thunderstorm Wind (G56)
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Some trees were blown down.

Lincoln Parish

6 S Dubach	19	1745CST			0	0			Thunderstorm Wind (G55)
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Trees were downed and some snapped along US 167 and Rock Shop Rd near Vienna.

Union Parish

3 S Bernice	19	1745CST			0	0			Thunderstorm Wind (G57)
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Trees were downed along US 167 on the south side of town.

Caddo Parish

Shreveport	22	1450CST			0	0	5K		Thunderstorm Wind (G60)
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Strong wind gusts snapped several 2-8 in diameter limbs in the Elkins Subdivision at Sandman Circle and Dawn Ridge intersection. Shingles were blown off several homes, tree limbs knocked a powerline down. The roof was ripped from a storage building and a 10ft section of privacy fence was blown down.

LOUISIANA, Southeast

St. Tammany Parish

Mandeville	02	1800CST			0	0	1.5K		Thunderstorm Wind (G50)
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Thunderstorm winds knocked down three pine trees and a power pole resulting in damage to two vehicles.

St. Tammany Parish

Covington	12	1745CST			0	0	1K		Thunderstorm Wind (G50)
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Thunderstorm winds knocked down a chimney.

Storm Data and Unusual Weather Phenomena

June 2006

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

Jefferson Parish									
Terrytown	12	1939CST			0	0			Hail (0.75)
Terrebonne Parish									
3 SE Houma	12	2034CST			0	0	8K		Thunderstorm Wind (G50)
Thunderstorm winds damaged three houses and the roofs of five trailers in Ashland.									
East Baton Rouge Parish									
Pride	19	1710CST			0	0			Hail (0.88)
Washington Parish									
3 SW Bogalusa	23	1615CST			0	0	1.5K		Thunderstorm Wind (G50)
Several small trees were blown down on Highway 60.									
St. Charles Parish									
3 SW Boutte	24	1720CST			0	0	1.5K		Thunderstorm Wind (G50)
Trees were blown down along Highway 631.									
St. Charles Parish									
Des Allemands	24	1720CST			0	0	1.5K		Thunderstorm Wind (G50)
A few trees were blown down.									

LOUISIANA, Southwest

Acadia Parish									
6 N Mowata	16	1425CST			0	0			Hail (1.50)
Calcasieu Parish									
Sulphur	19	0355CST 1000CST			0	0	500K		Flash Flood
Between six and ten inches of rain fell in less than three hours, resulting in widespread flooding in the Sulphur area. Many roads in the Sulphur and Carlyss regions were impassable. A nursing home in Sulphur had to be evacuated due to water entering the building. Several other homes and businesses had water enter them.									
Acadia Parish									
5 N Mowata	19	1041CST			0	0			Hail (1.00)
St. Martin Parish									
Catahoula	19	1301CST			0	0			Hail (0.75)
Avoyelles Parish									
Moreauville	19	1735CST			0	0			Hail (0.75)
Rapides Parish									
7 SW Boyce	19	1940CST			0	0	2K		Thunderstorm Wind (G78)
A weather observer recorded a 90 mph wind gust during a severe thunderstorm.									
Iberia Parish									
4 S New Iberia	24	1650CST			0	0			Hail (0.75)

MAINE, North

MEZ029									
Coastal Hancock									
08		0140EST 0330EST			0	0			High Wind (G50)
A tight pressure gradient between high pressure across the maritime provinces and low pressure offshore of the southern New England coast produced strong winds along the Downeast coast. Winds gusted in excess of 55 mph at times. The strong winds snapped branches...and toppled some trees and powerlines in both Ellsworth and Southwest Harbor causing power outages.									
Hancock County									
6 E Ellsworth	10	1130EST 1330EST			0	0			Flood
Low pressure lifting across Maine brought heavy rain to the region. Rainfall totals of 1.00 to 1.50 inches fell with this storm. This was in addition to 2.00 to 3.00 inches of rain which had fallen less than 48 hours earlier...and another several inches of rain which had fallen at the start of the month. The heavy rain led to sharp rises on many streams and smaller rivers...which contributed to minor flooding. A portion of Route 182 was flooded and closed around a mile north of the junction with Route 1 when water impounding behind a beaver dam flooded the road. Water levels fell once the beaver dam was removed and the road re-opened.									
Hancock County									
Ellsworth	11	0500EST 0600EST			0	0			Flash Flood
Low pressure lifting across Maine brought heavy rain to the region. Rainfall totals generally ranged from 1.50 to 2.50 inches with locally greater amounts with this storm. This was in addition to 2.00 to 3.00 inches of rain which had fallen less than 72 hours earlier...and another several inches which had fallen at the start of the month. The heavy rains contributed to localized flash									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>MAINE, North</u>									
flooding...with Leonard Lake road partially under water in spots.									
Piscataquis County Shirley Mills	19	1700EST			0	0			Thunderstorm Wind (G52)
Trees were blown down.									
Piscataquis County Greenville	19	1720EST			0	0			Thunderstorm Wind (G52)
Trees were blown down.									
Piscataquis County 15 SE Chamberlain La	19	1750EST			0	0			Thunderstorm Wind (G52)
Trees were blown down in Baxter State Park.									
Aroostook County Portage	19	1834EST			0	0			Thunderstorm Wind (G54)
Aroostook County New Sweden	19	1850EST			0	0			Thunderstorm Wind (G70)
Numerous large trees were uprooted or snapped along Route 161 in the area from Woodland to New Sweden. Wind gusts were estimated between 70 and 80 mph. Several trees fell onto a houses garage. Metal antennas at the same house were twisted and the chimney was damaged. Also at the same house...a yard umbrella was driven through the windshield of a car.									
Aroostook County Van Buren	19	1905EST			0	0			Hail (0.75)
Penobscot County Millinocket	20	1630EST			0	0			Thunderstorm Wind (G52)
A tree was blown down.									
Penobscot County Medway	20	1640EST			0	0			Thunderstorm Wind (G52)
A portion of one tree was toppled. Numerous branches...some large...were also snapped from trees.									
Aroostook County Limestone	29	2250EST			0	0			Thunderstorm Wind (G52)
Trees were blown over onto powerlines.									
<u>MAINE, South</u>									
Cumberland County Sebago Lake	01	1300EST			0	1			Lightning
A Massachusetts man was injured when he was struck by lightning as he was getting ready to haul his boat out of the water at Sebago Lake State Park. The man had been fishing and had headed to shore when the thunderstorm approached. The lightning apparently struck a nearby tree and traveled along the ground to the man. Following the incident, he was treated at a nearby hospital and then released the following day.									
Cumberland County 2 SSW North Windhar	01	1315EST 1317EST			0	0			Hail (0.75)
Cumberland County 2 SW North Windham	01	1322EST 1324EST			0	0			Hail (0.75)
3/4 inch hail was reported from an afternoon storm moving through Cumberland County near North Windham.									
York County Kittery	01	1700EST			0	0	5K		Lightning
Lightning struck the cupola on the roof of the Frisbee Elementary School in Kittery causing damage to cupola, and to phones, computers, and the alarm system inside the building.									
York County York Vlg	01	1730EST			0	0	50K		Lightning
Lightning struck a home in York Village, igniting a fire that caused extensive damage to the attic and roof of the structure. The owners were home at the time and called firefighters immediately, which likely saved the structure from much more serious damage.									
Oxford County Roxbury	10	1411EST 1604EST			0	0	0	0	Flood
Somerset County Skowhegan	10 12	1445EST 2330EST			0	0	0	0	Flood

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MAINE, South									
Kennebec County									
Augusta	11	0552EST			0	0	0	0	Flood
	12	0215EST							
Kennebec County									
North Sidney	11	0615EST 1945EST			0	0	0	0	Flood
A slow moving coastal storm produced 3 to 5 inches of rain over a 4 day period causing a slow rise in rivers throughout Western Maine. Only the Kennebec and Swift Rivers exceeded flood stage resulting in minor flooding. The Kennebec River at Augusta, (flood stage 13.0 ft), crested at 13.8 ft. and crested at North Sidney, (flood stage 17.0 ft), at 17.5 ft. The Kennebec River at Skowhegan, (flood stage 35000 cfs), crested at 47300 cfs. The Swift River at Roxbury, (flood stage 7.0 ft), crested at 7.2 ft.									
Somerset County									
Jackman	19	1345EST 1349EST			0	0			Thunderstorm Wind (G50)
Trees uprooted									
Somerset County									
8 SW Bingham	19	1500EST			0	0			Thunderstorm Wind (G50)
Trees down in Lexington Township.									
Franklin County									
Rangeley	19	1536EST 1539EST			0	0			Thunderstorm Wind (G50)
Trees and power lines down									
Oxford County									
Hanover	19	1711EST 1715EST			0	0			Thunderstorm Wind (G50)
Power pole down									
Somerset County									
New Portland	19	1740EST 1745EST			0	0			Thunderstorm Wind (G50)
Trees down									
Oxford County									
Dixfield	19	1745EST 1747EST			0	0			Hail (0.88)
Large hail									
Somerset County									
Central Portion	19	1745EST 1748EST			0	0			Thunderstorm Wind (G50)
Trees and power lines down in Moscow.									
Franklin County									
Phillips	19	1750EST 1752EST			0	0			Thunderstorm Wind (G50)
Trees down									
Oxford County									
West Paris	19	1750EST 1752EST			0	0			Hail (0.75)
Large hail									
Oxford County									
Fryeburg	19	1800EST 1807EST			1	0			Thunderstorm Wind (G50)
Numerous trees and power lines down. A falling tree struck and killed a 22 year old female camping in a tent. Fallen trees closed Route 302 for several hours. F22CA									
Franklin County									
Wilton	19	1810EST 1813EST			0	0			Thunderstorm Wind (G50)
Trees down									
Cumberland County									
Bridgton	19	1815EST 1818EST			0	0			Thunderstorm Wind (G50)
Numerous trees and power lines down									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MAINE, South</u>									
Oxford County									
Oxford	19	1815EST 1817EST			0	0			Hail (0.75)
		Large hail							
Oxford County									
Norway	19	1830EST 1835EST			0	0			Thunderstorm Wind (G50)
		Several trees down							
Somerset County									
5 SW Madison	19	1830EST 1834EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Somerset County									
Madison	19	1835EST 1839EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Oxford County									
Bryant Pond	19	1819EST			0	0	1K		Lightning
		Lightning struck the chimney of the Masonic Lodge in Woodstock, igniting a small fire in the attic of the structure. Fortunately, there was a meeting at the time, and firefighters were called immediately. The fire was extinguished quickly, and only minimal damage was reported to the 123 yr-old building.							
Somerset County									
5 SW Anson	20	1502EST 1505EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Somerset County									
Bingham	20	1504EST 1508EST			0	0			Thunderstorm Wind (G50)
		Trees down across road							
Somerset County									
Solon	20	1506EST 1510EST			0	0			Thunderstorm Wind (G50)
		Trees down on mobile home							
Somerset County									
New Portland	20	1509EST 1514EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Oxford County									
Bethel	20	1518EST 1520EST			0	0			Thunderstorm Wind (G50)
		Large branches down							
Somerset County									
4 SSW Bingham	20	1520EST 1524EST			0	0			Thunderstorm Wind (G50)
		Trees and wires down							
Cumberland County									
Bridgton	20	1544EST 1547EST			0	0			Thunderstorm Wind (G70)
		Tress and wires down							
Cumberland County									
Bridgton	20	1545EST 1549EST			0	0			Thunderstorm Wind (G70)
		Numerous trees and power lines down							
Oxford County									
Porter	20	1558EST 1600EST			0	0			Hail (0.75)
		Large hail							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MAINE, South</u>									
Oxford County									
Porter	20	1607EST 1611EST			0	0			Thunderstorm Wind (G50)
		Wires down							
Androscoggin County									
Auburn	20	1641EST 1643EST			0	0			Hail (1.00)
		Large hail							
Androscoggin County									
Auburn	20	1641EST 1645EST			0	0			Thunderstorm Wind (G50)
		Trees down.							
Cumberland County									
Westbrook	20	1645EST 1649EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Cumberland County									
Falmouth	20	1655EST 1658EST			0	0			Thunderstorm Wind (G50)
		Trees down.							
Cumberland County									
Falmouth	20	1701EST 1703EST			0	0			Hail (0.75)
		Large hail							
Cumberland County									
Yarmouth	20	1705EST 1707EST			0	0			Hail (0.75)
		Large hail							
Cumberland County									
Cumberland Center	20	1709EST 1711EST			0	0			Hail (1.00)
		Large hail							
Cumberland County									
Falmouth	20	1711EST 1713EST			0	0			Hail (1.25)
		Large hail							
Kennebec County									
Litchfield	20	1715EST 1717EST			0	0			Hail (0.75)
		Large hail							
Cumberland County									
Yarmouth	20	1717EST 1719EST			0	0			Hail (0.75)
		Large hail							
Cumberland County									
Westbrook	20	1719EST 1721EST			0	0			Hail (0.88)
		Large hail							
Androscoggin County									
Auburn	20	1741EST			0	0			Hail (1.00)
		One inch hail reported by public.							
York County									
Shapleigh	20	1904EST 1906EST			0	0			Hail (0.75)
		Large hail							
York County									
Newfield	20	1905EST 1908EST			0	0			Thunderstorm Wind (G50)
		Trees down.							

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MAINE, South</u>									
York County 5 E Waterboro	20	1920EST 1922EST			0	0			Hail (0.75)
									Large hail
York County Biddeford	20	1930EST 1931EST			0	0			Hail (0.88)
									Large hail
Cumberland County Gorham	20	1940EST 1944EST			0	0			Thunderstorm Wind (G50)
									Trees down
York County Kennebunk	20	1940EST 1943EST			0	0			Thunderstorm Wind (G53)
									Trees down. Also penny size hail reported.
Cumberland County Gorham	20	1944EST 1945EST			0	0			Hail (0.75)
									Large hail
Kennebec County Augusta	20	1800EST			0	0	5K		Lightning
									Lightning struck a local motel and ignited a fire in the attic of the building. Firefighters were able to confine the damage to one section of the roof of the structure.
Cumberland County Westbrook	20	2000EST			0	0	10K		Lightning
									Lightning ignited a fire in a barn that was attached to a three-family apartment. Firefighters were able to control the blaze after about 20 minutes.
Oxford County Hartford	30	1245EST 1247EST			0	0			Hail (0.88)
									Large hail
Kennebec County Manchester	30	1306EST 1308EST			0	0			Hail (0.88)
									Large hail
Kennebec County Augusta	30	1310EST 1312EST			0	0			Hail (0.75)
									Large hail
Kennebec County Waterville	30	1336EST 1339EST			0	0			Hail (0.88)
									Large hail
Kennebec County Vassalboro	30	1344EST 1347EST			0	0			Hail (0.75)
									Large hail
Kennebec County China	30	1345EST 1348EST			0	0			Hail (1.00)
									Large hail
<u>MARYLAND, Central</u>									
Montgomery County Northwest Portion	01	1745EST			0	0	500K		Lightning
									Newspaper reports indicated that at least 3 house fires occurred due to intense lightning associated with the strong to severe thunderstorms which moved through the county. The house fires occurred in the northwest portion of Montgomery County.
Montgomery County Rockville	01	1745EST			0	0	15K		Thunderstorm Wind (G50)
									Numerous powerlines were downed.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MARYLAND, Central									
Howard County									
Ellicott City	01	1810EST			0	0	100K		Lightning
Lightning associated with severe thunderstorms caused a fire to break out in the roof of a church in Ellicott City.									
Howard County									
Ellicott City	01	1810EST			0	0	25K		Thunderstorm Wind (G50)
Numerous trees were downed.									
Baltimore County									
4 NE Fullerton	01	1812EST			0	0			Hail (0.88)
A trained spotter reported nickel sized hail on Belair Road near Interstate 695.									
Baltimore City (C)									
Baltimore	01	1830EST			0	0	20K		Thunderstorm Wind (G50)
Trees downed on the east side of the city.									
Baltimore City (C)									
5 NE Baltimore	01	1840EST 1940EST			0	0			Flash Flood
A trained spotter reported water flowing across Belair Road near Interstate 695.									
Baltimore City (C)									
Baltimore	01	1930EST 2030EST			0	0			Flash Flood
Flash flooding was reported in the eastern portion of the city.									
Baltimore County									
White Marsh	01	2030EST 2130EST			0	0			Flash Flood
Intersection of Route 1 and Philadelphia Road was flooded.									
Baltimore County									
East Portion	01	2130EST 2200EST			0	0	10K		Flash Flood
The Fire Department conducted a water rescue near Stemmers Run. A trough of low pressure was draped across the Mid Atlantic on June 1. This feature combined with high moisture content and instability in the atmosphere to promote scattered strong to severe thunderstorms. The thunderstorms first developed across the higher terrain of the Appalachian Mountains, then moved east across the Washington/Baltimore corridor.									
Harford County									
Havre De Grace to Abingdon	02 03	2135EST 0030EST			0	0	10K		Flash Flood
A water rescue occurred in Havre de Grace, and Philadelphia Road was closed in Abingdon near Route 136 due to flash flooding.									
Baltimore County									
Fullerton to White Marsh	02 03	2245EST 0010EST			0	0	25K		Flash Flood
Water rescues in Fullerton and White Marsh where cars drove into flooded roads.									
Montgomery County									
Germantown	02 03	2315EST 0015EST			0	0			Flash Flood
Roads closed due to flash flooding. A cold front, along with an area of low pressure, moved across Central and Eastern Maryland late on June 2. The weather system brought moisture from the Atlantic Ocean and spread locally heavy rains across the area. Several instances of flash flooding occurred in the area due to this weather system.									
Baltimore County									
5 SW Parkton	09	1200EST			0	0			Hail (0.88)
Nickel sized hail was reported. Daytime heating combined with an unstable lower atmosphere and favorable amounts of moisture contributed to scattered afternoon and evening thunderstorms. A few of these storms reached severe limits with large hail and damaging wind gusts.									
Prince George'S County									
(Adw)Andrews Afb Car	19	1559EST			0	0			Thunderstorm Wind (G55)
Wind gust was measured at the automated weather station at Andrews Airforce Base.									
Prince George'S County									
Oxon Hill to 1 SE Hillcrest Hgts	19	1730EST 1735EST			0	0	10K		Thunderstorm Wind (G50)
Large branches and powerlines downed in Oxon Hill and Marlow Heights.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MARYLAND, Central									
Prince George'S County									
Upper Marlboro	19	1930EST 2100EST			0	0	40K		Flash Flood
Flooded roads in several areas. Cars stuck in flooded roads. A strong cold front moved from the Ohio Valley in the early morning of June 19, then across the Mid Atlantic during the late afternoon and evening. This cold front fired strong to severe thunderstorms as it encountered an atmosphere that was rich in moisture and very unstable. In addition to numerous occurrences of damaging wind gusts of around 60 mph across the Baltimore-Washington corridor, there were also several instances of flash flooding. Numerous cars were stuck in flooded roadways across both Northern Virginia and Central and Southern Maryland. Strong winds also occurred on the tidal waters of the Potomac River and Maryland portion of the Chesapeake Bay.									
Allegany County									
South Portion to Bowling Green	22	2010EST 2020EST			0	0	22K		Thunderstorm Wind (G50)
Strong winds brought several electrical wires down in South Cumberland and Bowling Green. A small brush fire started due to arcing in Bowling Green. Scattered showers and thunderstorms developed ahead of an approaching cold front. Some of these storms became severe, causing damaging winds and large hail.									
Harford County									
Countywide	24	1600EST 2300EST			0	0	50K		Flash Flood
Numerous road closures and water rescues were reported countywide. Some of the hardest hit areas were near Bel Air and Joppa. In Bel Air, Plum Tree Run overflowed its banks. A water rescue was needed when a vehicle was washed over the embankment on South Tollgate Road. In Joppa, Whitaker Mill Road as well as Bel Air Road between Harford Road and Connolly Road flooded.									
Baltimore County									
White Hall to Perry Hall	24	1640EST 1900EST			0	0	40K		Flash Flood
Spotter reports deep water across Clifford Road in White Marsh. Two swift water rescues with vehicles occurred in Perry Hall, with officials reporting chest high water in the street.									
Washington County									
Hagerstown	25	1500EST 1800EST			0	0			Flash Flood
Numerous roads closed due to flash flooding.									
Montgomery County									
Germantown	25	1800EST 2100EST			0	0			Flash Flood
Several water rescues were reported near Germantown due to flash flooding.									
Howard County									
Countywide	25 26	1830EST 0000EST			0	0	150K		Flash Flood
Numerous road closures and water rescues reported countywide. Some of the hardest hit areas were Ellicott City, Savage and Columbia. Three families were rescued by boat from flooded homes. Deer Creek came out of its banks along Sandy Hook Road. Part of the Vollmerhausen Road Bridge was washed away. Harriet Tubman Lane was closed due to high water and mud in Simpsonville.									
Baltimore County									
Countywide	25 26	2000EST 0300EST			0	0	100K		Flash Flood
Numerous roads were closed countywide due to flash flooding. Water rescues occurred on Route 45/York Rd as well as on Seminary Road in Towson. A basement flooded in Timonium. Baltimore County Fire Department reports that Philadelphia Road between Raphel Road and Jones Road was closed until further notice due to washout in White Marsh. The Patapsco River overflowed its banks on the Baltimore County side of Frederick Road. Annapolis Road in Baltimore Highlands was flooded. The MARC's Brunswick and Camden routes closed, while other routes were disrupted. In some cases, the understructure of the track was washed away.									
Baltimore City (C)									
Baltimore	25 26	2000EST 0100EST			0	0			Flash Flood
The Water Treatment Plant reported that streams overflowed their banks across the city. Jones Falls topped its banks, flooding parts of Clipper Mill Road and Union Avenue. Thames Street in the Fells Point neighborhood flooded.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Montgomery County

Countywide	25	2100EST			0	0	1.6M		Flash Flood
	26	0200EST							

Numerous county roads closed in the southeastern part of the county near the Washington DC line. There were 147 reports of flooded basements. Twenty five swift water rescues occurred.

In Chevy Chase, firefighters used boats to rescue 30 people trapped inside a recreational center. The Chevy Chase Village area off Wisconsin Ave had knee-deep water. There were 45 individual rescues Meadowbrook Park. Water reached the window of a stalled car on a bridge over great Seneca Creek in upper Montgomery County. A road was washed out at US 29 at New Hampshire Avenue in Silver Spring. Three swift water rescues occurred in Rock Creek Park. About 26 vehicles were recovered after water reached their windows. A driveway collapsed on Colesville Road in Silver Spring. Boats were used to rescue 30 men at a field house in Candy Cane City Park. Colesville received 12.5 inches during the event. Significant damage was reported in Northwest Branch Park when the river topped its banks by approximately 100 yards.

Anne Arundel County

Countywide	25	2200EST			0	0	40K		Flash Flood
	26	1400EST							

Numerous flooded roads and water rescues countywide. Some of the hardest hit areas included Maryland City, Jessup, Hanover, and Tipton Airport. Part of Tipton Airfield was cover by more than 3 feet of water. A car was swept off Oak Hill Drive, trapping a 59 year old man inside behind the gates of the Oak Hill Detention Center. The car was submerged above the window sill. He was not injured.

Harford County

Countywide	25	2200EST			0	0	12K		Flash Flood
	26	0800EST							

Numerous road closures and water rescues occurred. Regent Drive in the development of West Riding reported flash flooding. A water rescue occurred on Otter Creek.

Prince George'S

County

Countywide	25	2200EST			0	0	2.5M		Flash Flood
	26	1600EST							

Six people in several cars were stranded when they drove through a stream that had backed up in the 10800 block of Lanham-Severn Road in Glen Dale. Numerous road closures and water rescues were reported near Brandywine. In Hyattsville, 15 homes were evacuated due to flash flooding. Water rescue teams helped 46 adults and 23 children. In Edmonston, 34 homes flooded and 60 people were rescued due to flash flooding. There were reports of nearly 5 feet of water in basements. Numerous basements were flooded when the Anacostia River overflowed its banks. Standing water was reported on High Bridge Road in Bowie. Governors Bridge Road at the Anne Arundel County line was closed due to high water.

Calvert County

Chesapeake Beach	26	0100EST 0400EST			0	0			Flash Flood
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A mudslide occurred on B Street near the boardwalk in Chesapeake Beach.

Montgomery County

Darnestown	26	0700EST			0	0			Flood
	28	1900EST							

Seneca Creek overtopped its banks. Riley's Lock Road was under between 3 and 4 feet of water.

Montgomery County

Countywide	26	1315EST 2300EST			0	0	100K		Flash Flood
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Four junctures of River Road between Potomac Village and Wilson Lane in Bethesda were closed due to high water. There were 14 water rescues of people stranded in vehicles.

Harford County

Fallston to Abingdon	26	1800EST 2200EST			0	0	50K		Flash Flood
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Several water rescues reported. One such report was for a 16 year old boy in Fallston. A water rescue occurred in Abington when two 18-year olds drove into high water along South Calvary Road (Route 136) and Philadelphia Road (Route 7). Another water rescue occurred on Barksdale Road and Joppa Farm Road.

Prince George'S

County

Laurel	26	1830EST			0	0			Flash Flood
	27	0900EST							

Residents in northern Laurel were evacuated when Rocky Gorge Dam opened floodgates around 730 PM. Residents were allowed to return around 10 AM the next morning. Several roads were flooded and closed due to the flooding at Rocky Gorge Dam.

Storm Data and Unusual Weather Phenomena

June 2006

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

Washington County

Hagerstown to Boonsboro	27	1300EST			0	0	25K		Flash Flood
	28	0100EST							

In Hagerstown, several road closures and flooded basements were reported. Saint Clair Avenue and Northern Avenue had high water. Hamilton Run overflowed, flooding a backyard along Brookline Avenue. Route 66 and Mount Edna Road flooded near Boonsboro.

Charles County Countywide

	27	1400EST			0	0	50K		Flash Flood
		2300EST							

Flooding and downed trees due to saturated grounds were reported countywide. Flash flooding occurred on Middletown Road, Billingsley Road, and Turkey Hill Road in Waldorf and White Plains. Bryans Road and Fenwick Road experienced flash flooding. Bumpy Oak Road and Pomfret Road in Pomfret reported flash flooding.

Carroll County Countywide

	27	1530EST			0	0			Flash Flood
	28	1200EST							

Two people were rescued from a Mount Airy home at the intersection of Twin Arch and Old Frederick Roads after the South Branch of the Patapsco River overflowed its banks. Numerous roads were flooded countywide.

Montgomery County Rockville

	27	1530EST			0	0	100K		Flash Flood
	28	0200EST							

Numerous Road closures were reported countywide. In Derwood, a bridge was damaged over a creek between Bowie Mill Road and Redland Middle School. Asphalt was torn up and debris scattered about. Nearly 2000 people in Montgomery County were evacuated when engineers on site determined that the Lake Needwood Dam may fail due to substantially above normal water levels on June 28. Fortunately, this did not occur.

Frederick County Countywide

	27	1600EST			5	1	500K		Flash Flood
	28	1100EST							

A mudslide closed a section of Harp Mill Road in Wolfsville. Numerous road closures and water rescues were reported countywide. The Monacacy River overflowed, flooding a parking lot and field along Monocacy Boulevard. Basement flooding occurred in Emmitsburg, Myersville and Middletown. Shank Road was closed indefinitely to repair a washed-out pipe.

Three adults died when they were washed out of the bed of a pickup truck east of Myersville. They evacuated their car when it stalled in high water near Ellerton on Route 17 along the Middle Creek around 830 PM. The driver of the pickup truck gave the three a ride shortly before the three people went missing. It is unsure whether they were swept out or tried to swim.

Additionally, two teenagers died after exploring Little Pipe Creek in New Midway along the Frederick-Carroll County line. They were last seen at 630 PM when they left home to explore Little Pipe Creek in Carroll County. One bicycle and some clothing belonging to the boys was found at the bank of the creek near MD Route 194. Authorities believe the boys went swimming and were washed away. The currents on June 28 were so strong that one of the rescue boats capsized and injured a man who was performing rescue operations.

??VE, ??VE, ??VE, M?IW, M?IW

Harford County Countywide

	27	1600EST			0	0	125K		Flash Flood
	28	0300EST							

Between 500 and 800 PM, more than a dozen roads in Bel Air, Abingdon, and Joppa were closed due to high water, including Route 40 at the Baltimore-Harford County Line. There were five incidents of vehicles stuck in flooded roadways. Water rose above the guardrails of a bridge and swept a car 20 ft downstream at the Plum Tree and South Tollgate roads intersection. Overall, at least 3 dozen flooded roads in the county, several water rescues occurred, and numerous trees were downed due to excessive water. There were voluntary evacuations of weekend cabins near Broad Creek in the Darlington area.

Anne Arundel County Annapolis to Laurel Suburban Arp

	27	1800EST			0	0	30K		Flash Flood
	28	0100EST							

Secondary roads near Annapolis were flooded. The entrance to Laurel Park Racetrack was under several inches of water. A foot of water flooded a basement in Annapolis. Route 450 east of Crofton was closed due to high water.

Baltimore County Countywide

	27	1900EST			0	0	50K		Flash Flood
	28	0300EST							

Street flooding was reported throughout the county. Trees were downed due to excessive water and saturated grounds.

A weak cold front settled over the forecast area from June 23 until June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of training echoes. As a result, double digit rainfall totals affected parts of the region through the five days.

Storm Data and Unusual Weather Phenomena

June 2006

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

MARYLAND, Central

Scattered areas of flash flooding began on June 23 and continued into June 24. Then, flooding began to take on a more serious nature since the ground had become saturated in so many spots.

A slow-moving line of thunderstorms fired along a tropical moisture plume and dumped between 4 and 7 inches across the Baltimore Metro, causing extensive urban flooding on June 25 and June 26. Major disruption of transportation was experienced June 26 due to the flooding. MARC Commuter rail experienced disruptions, flooding in underground tunnels forced much of the Washington Metro rail to close, and numerous roads were closed due to high water or mudslides.

Nearly 2000 people in Montgomery County were evacuated when engineers on site determined that the Lake Needwood Dam may fail due to substantially above normal water levels on June 28. Fortunately, this did not occur.

Unfortunately however, 5 people lost their lives due to flooding. Three adults died when they were washed out of the bed of a pickup truck east of Myersville in Frederick County Maryland. They evacuated their car when it stalled in high water near Ellerton on Route 17 along the Middle Creek around 8:30 PM. The driver of the pickup truck gave the three a ride shortly before the three people went missing. It is unsure whether they were swept out or tried to swim. Additionally, two teenagers died after exploring Little Pipe Creek in New Midway, MD, along the Frederick-Carroll County line. They were last seen at 6:30 PM when they left home to explore Little Pipe Creek in Carroll County. One bicycle and some clothing belonging to the boys were found at the bank of the creek near Route 194. Authorities believe the boys went swimming and were washed away. The currents June 28 were so strong that one of the rescue boats capsized and injured a man.

St. Mary'S County Chaptico to 3 W Chaptico

27	1655EST	3	50	0	0	1M	Tornado (F0)
	1700EST						

A waterspout came onshore from the Chesapeake Bay near Chaptico as a tornado, and caused structural damage to several properties in addition to extensive tree damage. The storm destroyed six barns and a carport at two farms along Hurry Road, and also destroyed a barn off Beavan Lane. Several homes and commercial buildings were also damaged. Since an official damage survey was not conducted, the path length, width and F scale rating were estimated based on reports from Emergency Management and newspapers.

MDZ011-011-014

Southern Baltimore - Anne Arundel

27	2100EST			0	0	20K	Coastal Flood
28	0500EST						

Baltimore County Citizen Core Program reported tidal flooding near Bowley Bar with two roads along Middle River under water and impassable. Water was up on properties near Middle River and Bowley Bar.

A weak cold front settled over the forecast area from June 23 until June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of training echoes. As a result, double digit rainfall totals affected parts of the region through the five days. The area of low pressure and stalled frontal boundary contributed to a weather pattern conducive for strong and prolonged onshore winds. These winds caused abnormally high tidal departures in the Chesapeake Bay and Tidal Potomac River.

MARYLAND, Northeast

Cecil County

Elkton

01	1922EST			0	0	7K	Thunderstorm Wind (G50)
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During the evening of June 1st, a severe thunderstorm rolled through portions of Cecil County, Maryland, producing damaging winds. As a result of these winds, trees and power lines were knocked down in Elkton with an estimated damage amount of \$7,000.

Queen Anne'S County

Sudlersville

02	2003EST			0	0		Hail (0.88)
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A severe thunderstorm produced nickel size hail at 9:03 PM EDT on June 2nd near the intersection of Routes 300 and 301 in Sudlersville, Maryland (Queen Anne's County).

Kent County

Chestertown

02	2005EST			0	0		Thunderstorm Wind (G50)
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A severe thunderstorm rolled across Kent County, Maryland during the evening of June 2nd. Trees were knocked down in Chestertown, Maryland on Rileys Mills Road at 9:05 PM EDT. Additional trees were knocked down at 9:10 PM EDT about 5 miles northeast of Chestertown, Maryland.

Cecil County

Elkton

02	2058EST			0	0		Thunderstorm Wind (G52)
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A severe thunderstorm knocked down several trees in and around Elkton.

Cecil County

Elkton

02	2150EST			0	0		Flash Flood
03	0200EST						

Thunderstorms with torrential downpours caused flooding of streams and roadway flooding from Elkton northward. Roadway flooding was reported around Elkton along both Blue Ball and Old Elm Road. Doppler Radar storm total estimates reached between 2 and 4 inches from Elkton northward in Cecil County. At the Conowingo Dam, 2.02 inches of rain fell.

Storm Data and Unusual Weather Phenomena

June 2006

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

MARYLAND, Northeast

Queen Anne'S County

East Portion	25	0005EST 0300EST			0	0			Flash Flood
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Thunderstorms with torrential downpours dropped a Doppler Radar estimated three to six inches of rain across eastern parts of Queen Anne's County and caused roadway and stream flooding. Maryland State Highway 300 was flooded between Sudlersville and the Delaware State Line. The creek flooding extended into the backyards of several homes.

Talbot County

South Portion	25	0200EST 0500EST			0	0			Flash Flood
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Thunderstorms with torrential downpours dropped a Doppler Radar estimated three to six inches of rain across southern parts of Talbot County and caused roadway and stream flooding. Roads were flooded from Easton south to Trappe. Deep Branch Road and Island Creek Road remained closed for most of the day. A National Weather Service Cooperative Observer measured 5.60 inches in Royal Oak.

Caroline County

South Portion	25	0600EST 1000EST			0	0	4M	1M	Flash Flood
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Repeating thunderstorms with torrential downpours dropped up to around one foot of rain across southern parts of Caroline County. This caused extensive roadway, field and stream flooding. Hardest hit was Federalsburg where 11.5 inches of rain fell. An emergency was declared the morning of the 25th. About 40 people were evacuated along the Marshyhope Creek where the worst flooding occurred. All were permitted to return except for people on the east side of Main Street. Flooding along the Marshyhope Creek destroyed Railroad Avenue and badly damaged the tracks of the Maryland and Delaware Railroad Line. Over a dozen roads were closed in the county including the central Avenue Bridge in Federalsburg. Three roads were still closed on the 29th. Railroad Avenue was repaired to the point that it was reopened on the 30th. The elementary school in Federalsburg suffered minor damage. Schools were closed throughout the week mainly because of closed roads. The heavy rain caused agricultural damage which ranged from fifteen to forty-five percent losses. The hardest hit crops were cucumbers. Damage also occurred to the wheat crop and early corn and soybean plants drowned. Chicken houses also were flooded. Flooding forced the postponement of the Greensboro Carnival. President George W. Bush declared Caroline and Dorchester Counties a disaster area.

Caroline County

Northeast Portion	26	1215EST 1330EST			0	0			Flash Flood
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Queen Anne'S County

East Portion	26	1230EST 1330EST			0	0			Flash Flood
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Slow moving thunderstorms with heavy rain caused roadway, low lying area and creek flooding mainly in the eastern parts of Caroline and Queen Anne's Counties. Doppler Radar storm total estimates averaged between two and five inches for the day. A Skywarn spotter reported 4.61 inches of rain for the calendar day in Denton (Caroline County).

Cecil County

Elkton	26	1500EST 2000EST			0	0			Flash Flood
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Heavy rain that fell during the late afternoon and early evening of the 26th caused poor drainage flooding and flash flooding of streams in the northern part of Cecil County. The Big Elk Creek flooded Delaware Avenue in Elkton on the evening of the 26th. The Little Northeast Creek also flooded and caused minor damage to a few homes and roads. The heavy rain also caused a giant 6 foot by 2 foot pot hole to form on Interstate 95.

Cecil County

Conowingo to Port Deposit	28 30	1712EST 2037EST			0	0			Flood
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A nearly stationary frontal system produced sporadic periods of heavy rain occurred across the Susquehanna Valley from the 23rd into the morning of the 28th. A low pressure system that developed along the Atlantic seaboard combined with the front and caused the most widespread and heaviest rain to occur from the 27th through the first part of the day on the 28th. The heavy rain caused flooding along the Susquehanna River. Event totals in Cecil County averaged from two inches in southern parts of the county to eight inches in the northwest part of the county. Event totals in some locations farther north along the Susquehanna River Basin in Pennsylvania and New York exceeded ten inches.

The Susquehanna River at the Conowingo Dam was above its 23.5 foot flood stage from 612 p.m. EDT on the 28th through 937 p.m. EDT on the 30th. It crested at 27.31 feet at 6 p.m. EDT on the 29th. The crest was about four feet lower than it was with the remnants of Hurricane Ivan in September of 2004.

MARYLAND, South

Wicomico County

Salisbury	23	1300EST 1330EST			0	0			Flash Flood
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Roads flooded in downtown Salisbury.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MARYLAND, South</u>									
Dorchester County									
Cambridge	25	0345EST 0415EST			0	0			Flood
			High water along Route 50.						
Dorchester County									
Hurlock	25	0521EST 0545EST			0	0			Flash Flood
			Several basements and numerous streets flooded.						
Dorchester County									
Hurlock	25	0700EST 0800EST			0	0			Flash Flood
			Torrential rain caused numerous roads between Hurlock and East New Market and Sharptown and Galestown to be either partially damaged or washed out due to flash flooding. Total rainfall reports were of 9 to 10 inches in the northeast portion of the county.						
Worcester County									
1 NW Berlin	28	0017EST			0	0	2K		Thunderstorm Wind (G50)
			Trees blown down on Libertytown Road.						
Worcester County									
1 NE Bishop	28	0027EST			0	0	2K		Thunderstorm Wind (G50)
			Trees blown down on Bishopville Road.						
Dorchester County									
Galestown	28	0030EST 0115EST			0	0			Flash Flood
			Heavy rain caused flash flooding and closure of several roads. Basement flooding also reported.						
Wicomico County									
3 N Willards	28	0035EST			0	0	2K		Thunderstorm Wind (G50)
			Trees blown down on Bethel Road.						
Worcester County									
Newark	29	1555EST			0	0			Hail (1.25)
<u>MARYLAND, West</u>									
Garrett County									
Grantsville	26	1730EST 1830EST			0	0			Flash Flood
			Roads flooded.						
Garrett County									
Friendsville	29	1723EST			0	0			Hail (0.75)
Garrett County									
Accident	29	1740EST			0	0			Hail (0.75)
<u>MASSACHUSETTS, Central and East</u>									
Hampden County									
Hampden	01	1616EST			0	0	10K		Thunderstorm Wind (G50)
Hampden County									
Monson	01	1645EST 1730EST			0	0	2K		Flood
Hampden County									
Monson	01	1645EST			0	0	5K		Thunderstorm Wind (G50)
Worcester County									
West Brookfield to Worcester	01	1645EST 1752EST			0	0	15K		Lightning
Worcester County									
Webster	01	1700EST			0	0	10K		Thunderstorm Wind (G50)
Worcester County									
Warren	01	1706EST 1752EST			0	0	5K		Flash Flood
Worcester County									
Shrewsbury to Northborough	01	1725EST 1730EST			0	0	15K		Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

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

MASSACHUSETTS, Central and East

Worcester County

Spencer to Worcester	01	1730EST 1752EST			0	0	5K		Flash Flood
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Norfolk County

Bellingham to Foxborough	01	1740EST 1813EST			0	0	25K		Lightning
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Norfolk County

Medway	01	1758EST			0	0	15K		Thunderstorm Wind (G50)
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Hampshire County

Williamsburg	01	1815EST			0	0	10K		Lightning
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Severe thunderstorms moved through portions of western, central, and interior eastern Massachusetts ahead of a cold front, which dropped southeast through New England.

The storms initially produced wind damage in Monson where large trees, wires, and a telephone pole were brought down. Torrential rainfall with the storms partially washed out a road in Monson as well. As the storms progressed into Worcester County, trees and wires were brought down in Shrewsbury, Northborough, and Webster. Several roads were flooded in Spencer and Warren, including parts of Route 49. In Worcester, cars were submerged by flood waters on Southbridge Street. Lightning from the storms struck a houseboat on a lake in West Brookfield, as well as several homes in Shrewsbury and Worcester. As the storms crossed the I-495 corridor into Norfolk County, thunderstorm winds blew down wires in Medway. Lightning caused damage to homes in Bellingham and Walpole, and struck a tree in Foxborough which landed on the roof of an apartment complex as well as several cars.

Another storm which followed the initial line of storms also produced frequent lightning. A barn was damaged by a lightning strike in Williamsburg.

Bristol County

Countywide	07	0725EST 1526EST			0	0	25K		Flood
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Barnstable County

Sandwich to Dennis	07	0835EST 1102EST			0	0	10K		Flood
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Nantucket County

Countywide	07	0920EST 1130EST			0	0	5K		Flood
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Plymouth County

Countywide	07	1020EST 1540EST			0	0	30K		Flood
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Norfolk County

Countywide	07	1059EST 1540EST			0	0	20K		Flood
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Norfolk County

Dover	07	1700EST 1200EST			0	0			Flood
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Charles River

Norfolk County

Norwood	07 08	2000EST 1700EST			0	0			Flood
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Neponset River

A late season coastal storm brought heavy rainfall to much of eastern Massachusetts, resulting in widespread flooding of roads and small streams. Rainfall totals averaged 3 to 5 inches from the southern suburbs of Boston to the south coast, Cape Cod and the Islands, but as much as 7 inches of rain fell in Bristol County and on Cape Cod.

Flooding initially began in Bristol County, where as much as a foot of water covered Route 140 in Taunton and closed County Street. Flooding also affected several major roadways in New Bedford including Route 18 and Interstate 195. The Canoe River in Mansfield came out of its banks and produced minor flooding. Buttonwood Pond in New Bedford flooded a nearby park. In Attleborough, flooding closed a portion of Route 1 from Old Post Road to Draper Avenue.

On Cape Cod, a portion of Meredith Road in Sandwich was washed out. Snow Street in Hyannis and Holkum Road Road in Dennis were both flooded and impassable, as were Paddock and Underpass Roads in Brewster. In Barnstable, a portion of Race Lane was covered by 4 to 5 feet of water in the Centerville section. Significant flooding took place in Mashpee, where a child care center was flooded and forced the evacuations to take place. Flooding also affected Nantucket, where Orange Street was closed.

Storm Data and Unusual Weather Phenomena

June 2006

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

In Plymouth County, flooding in Wareham affected 40 mobile homes at a mobile home park. Mayflower Street and a portion of Taylor Avenue were flooded in Plymouth. Flooding was also reported in Bridgewater, where Wood, Water, and Cross Streets were closed. Several brooks were out of their banks in Hanson. Accord Brook in Hingham came out of its banks and flooded the yards of several homes.

In Norfolk County, flooding closed Wrentham Road in Bellingham, as well as Norfolk Street in Walpole where a nearby creek came out of its banks.

Minor flooding occurred along two larger rivers in greater Boston. The Neponset River at Norwood crested at 9.28 feet at 1030 am EDT on June 8, just over its 9 foot flood stage. At Dover, the longer responding Charles River crested at 6.48 feet at 6 am on June 11, above its flood stage of 5 feet. No significant flood damage was reported.

Franklin County Charlemont	19	1715EST			0	0	5K		Thunderstorm Wind (G50)
Hampden County Blandford to Russell	19	1805EST 1810EST			0	0	20K		Thunderstorm Wind (G50)
Hampden County Agawam	19	1845EST			0	0			Hail (0.88)
Severe thunderstorms downed trees onto power lines in Charlemont, and brought down trees and wires in Blandford and Russell. Penny to nickel sized hail was reported in Agawam.									
Barnstable County Wellfleet	20	0710EST			0	0			Hail (0.75)
Barnstable County Eastham	20	0830EST			0	0	100K		Lightning
Hampden County Chicopee	20	1115EST 1116EST			0	0			Hail (0.88)
Hampden County Springfield	20	1134EST 1143EST			0	0			Hail (0.88)
Hampden County Springfield	20	1150EST			0	0	10K		Thunderstorm Wind (G50)
Plymouth County Hingham	20	1436EST			0	0	5K		Thunderstorm Wind (G50)
Hampshire County Worthington Corners	20	1705EST			0	0	5K		Thunderstorm Wind (G50)
Hampden County Chicopee	20	1820EST			0	0			Hail (0.75)
Hampden County Monson	20	1856EST			0	0			Hail (0.75)
Worcester County Leicester to Oxford	20	1915EST 1930EST			0	0			Hail (0.88)
Worcester County Worcester	20	1924EST			0	0	20K		Thunderstorm Wind (G50)
Worcester County Blackstone	20	2000EST			0	0			Hail (0.75)
Bristol County Attleboro	20	2030EST			0	0			Hail (0.75)

Severe thunderstorms moved across Cape Cod during the morning, before more storms developed in the afternoon and evening and caused damage from the Connecticut Valley to the Worcester Hills and nearby portions of eastern Massachusetts.

Penny sized hail was reported in Wellfleet in the morning. Lightning sparked a garage fire in Eastham which caused considerable damage.

Isolated severe thunderstorms developed during the afternoon in Hampden County, where penny to nickel sized hail covered the ground in Chicopee and Springfield. Trees were also reported down in Springfield. Other thunderstorms in Plymouth County brought down large branches and wires in Hingham.

Storm Data and Unusual Weather Phenomena

June 2006

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

Another round of severe thunderstorms took place during the evening. There were many reports of penny to nickel sized hail in Hampden and Worcester Counties, from Chicopee and Monson to Leicester, Oxford, and Blackstone. Several large branches were blown down on Route 112 in Worthington. A tree fell onto a car in the city of Worcester. As the storms reached eastern Massachusetts, they produced penny sized hail in Attleborough.

Hampden County									
Hampden	23	1308EST			0	0			Hail (0.75)
Norfolk County									
Brookline	23	1312EST			0	0	10K		Thunderstorm Wind (G50)
Suffolk County									
Dorchester	23	1315EST 1325EST			0	0			Hail (1.00)
Worcester County									
Dudley	23	1328EST			0	0	5K		Thunderstorm Wind (G50)
Suffolk County									
South Boston	23	1335EST			0	0	5K		Thunderstorm Wind (G50)
Plymouth County									
Hingham	23	1350EST			0	0	5K		Thunderstorm Wind (G50)
Worcester County									
Webster	23	1400EST			0	0	25K		Thunderstorm Wind (G50)
Plymouth County									
Hull	23	1405EST 1505EST			0	0	2K		Flood
Worcester County									
Westminster	23	1415EST			0	0	10K		Thunderstorm Wind (G50)
Middlesex County									
Dracut	23	1430EST 1435EST			0	0	30K		Thunderstorm Wind (G50)
Norfolk County									
Plainville	23	1435EST			0	0	5K		Thunderstorm Wind (G50)
Norfolk County									
Weymouth to Quincy	23	1455EST 1705EST			0	0	10K		Flash Flood
Plymouth County									
Hingham	23	1600EST 1700EST			0	0	5K		Flash Flood
Middlesex County									
Concord to Melrose	23	1650EST 1750EST			0	0	10K		Flash Flood

Thunderstorms produced damaging winds and large hail throughout parts of the Bay State, with flash flooding also occurring from torrential rainfall in eastern Massachusetts.

The storms, which were scattered in nature, initially produced penny sized hail in Hampden. Other storms around greater Boston downed trees in Brookline, dropped nickel to quarter sized hail in Dorchester, and brought down large branches in South Boston, Hingham, and Plainville. Five large pine trees were blown down in Dracut, some of which were 100 feet tall.

In central Massachusetts, thunderstorm winds brought down large branches in Dudley as well as trees and utility poles in Webster. Trees and large branches were reported down in Westminster.

The severe thunderstorms then became heavy rain producing storms, which resulted in significant urban flooding in Middlesex, Norfolk, and Plymouth Counties. Route 2 was flooded in Concord, several streets were impassable in Everett, and the Lynnfield Parkway in Melrose was flooded. North Street in Weymouth has two feet of water covering the roadway, and cars were stranded on several other roads. The Wollaston transit station in Quincy was closed due to flooding. Water Street in Hingham was also flooded.

Hampden County									
Southwick to West Springfield	29	1220EST 1320EST			0	0	5K		Flood
Hampden County									
Southwick	29	1220EST			0	0	10K		Thunderstorm Wind (G50)
Hampden County									
Agawam	29	1245EST			0	0	100K		Lightning

Storm Data and Unusual Weather Phenomena

June 2006

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

Hampden County

Agawam 29 1245EST 0 0 10K Thunderstorm Wind (G50)

Worcester County

Barre 29 1356EST 0 0 50K Lightning

A severe thunderstorm brought down trees in Southwick and Agawam. Lightning struck a cell phone tower on Provost Mountain causing significant damage. Heavy rain from the storm produced flooding on Routes 10 and 22 in Southwick and in much of downtown West Springfield.

Lightning from another thunderstorm struck the police station in Barre, igniting a fire on the second floor.

MASSACHUSETTS, West

Berkshire County

Housatonic 19 1645EST 0 0 Hail (0.75)

A trained spotter reported penny-sized hail at Housatonic.

Early in the day on June 19, low pressure was over western Quebec Province with a cold front trailing southwestward to a weak wave over the northern Great Lakes, then southward to the central Mississippi Valley. The air over southwestern New England became more unstable during the day as a moderate west southwesterly breeze brought more moisture into western Massachusetts. A few thunderstorms formed toward evening. One thunderstorm in Housatonic contained dime-sized hail.

Berkshire County

Lanesborough 20 1701EST 0 0 Hail (0.75)

A trained spotter reported that penny-sized hail occurred in Lanesborough.

Berkshire County

Monterey 20 1754EST 0 0 Thunderstorm Wind (G60)

A trained spotter reported trees were blown down in Monterey.

Early in the day on June 20, a fairly strong cold front lay in an arc from near the mouth of the St Lawrence Valley to just north of the Ohio Valley. The front moved southeastward to off the Atlantic Coast late at night. The air mass covering western Massachusetts was moist and unstable. As the front approached western New England late in the afternoon, a line of thunderstorms associated with the front moved into western Massachusetts. A couple of thunderstorms became severe producing damaging wind gusts and large hail.

MICHIGAN, East

Genesee County

2 S Davison 02 1937EST 0 0 55K Lightning

A very intense lightning bolt struck a home, causing severe damage. The strike left a hole in the side of one wall and had electrical outlets smoking. Damages were estimated at \$15K to the property and \$40K to contents. Residents were home but no one was injured.

Monroe County

4 SSW Newport 03 1450EST 0 0 Hail (0.75)

Wayne County

Detroit 03 1544EST 0 0 Hail (0.75)

Genesee County

Clio 08 1433EST 0 0 Hail (0.88)

Genesee County

Burton 08 1503EST 0 0 Hail (0.75)

St. Clair County

2 ENE Adair 08 1715EST 0 0 Hail (0.75)

Lenawee County

Cambridge Jct 19 1200EST 0 0 Hail (0.75)

Wayne County

2 WSW Detroit 19 1220EST 0 0 Hail (1.00)

Lenawee County

1 N Adrian 19 1225EST 0 0 Thunderstorm Wind (G50)

A local newspaper included a picture of a large tree branch down across North Scott Street in Adrian.

Lenawee County

1 SW Onsted 19 1235EST 0 0 Hail (1.00)

Monroe County

2 S Maybee 19 1240EST 0 0 Hail (1.00)

Monroe County

2 S Maybee 19 1245EST 0 0 Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Monroe County									
2 NW Monroe	19	1245EST			0	0			Hail (1.25)
Monroe County									
6 NW Monroe	19	1245EST			0	0			Hail (1.00)
Monroe County									
Monroe	19	1253EST			0	0			Thunderstorm Wind (G51)
			A trained spotter estimated wind gusts to 60 MPH.						
Monroe County									
1 W Monroe	19	1254EST			0	0			Hail (1.00)
Monroe County									
Monroe	19	1254EST			0	0			Hail (1.50)
Monroe County									
Monroe	19	1254EST			0	0			Thunderstorm Wind (G61)
			A trained spotter estimated wind gusts to 70 MPH.						
Monroe County									
2 E Strasburg	19	1300EST			0	0	2K		Lightning
			A bolt of lightning struck a utility pole at Monroe County Community College causing disruption of telephone and internet services.						
Monroe County									
1 NE Monroe	19	1309EST			0	0			Hail (0.88)
Livingston County									
3 WSW Pinckney	19	1358EST			0	0			Hail (0.75)
Livingston County									
2 S Pinckney	19	1400EST			0	0			Hail (1.00)
Livingston County									
4 S Plainfield	19	1400EST			0	0			Hail (1.00)
Livingston County									
Pinckney	19	1407EST			0	0			Hail (1.00)
Shiawassee County									
4 NW Vernon	19	1416EST			0	0			Thunderstorm Wind (G54)
			Trained spotter reported trees blown down.						
Washtenaw County									
3 SW Whitmore Lake	19	1416EST 1426EST			0	0			Hail (0.75)
Oakland County									
4 SE Ortonville	19	1434EST			0	0			Hail (0.75)
Oakland County									
Oxford	19	1441EST			0	0			Thunderstorm Wind (G53)
			A local newspaper included a picture of a large 100 year old maple tree down in front of a home. The only damage was to some flowers.						
Oakland County									
1 S Leonard	19	1445EST			0	0			Thunderstorm Wind (G53)
			Law enforcement reported trees blown down.						
Wayne County									
3 S Plymouth	19	1500EST			0	0			Hail (1.00)
Wayne County									
Wayne	19	1513EST			0	0			Hail (0.75)
Lapeer County									
Burnside	19	1517EST			0	0	7.5K		Thunderstorm Wind (G51)
			Law enforcement reported a roof blown off shed with wind gusts estimated to 60 MPH.						
Monroe County									
3 WNW Lambertville	19	1522EST			0	0			Hail (0.75)
Washtenaw County									
5 N Ypsilanti	19	1528EST			0	0			Hail (0.88)
St. Clair County									
1 NW Port Huron	19	1550EST			0	0			Thunderstorm Wind (G53)
			Law enforcement reported trees blown down.						

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Wayne County Romulus	19	1604EST			0	0			Hail (1.00)
Wayne County Romulus	19	1605EST			0	0			Hail (0.75)
Wayne County Romulus	19	1610EST			0	0			Hail (1.00)
Wayne County Taylor	19	1615EST			0	0			Hail (0.75)
Wayne County Southgate	19	1625EST			0	0			Hail (1.00)
Wayne County Lincoln Park	19	1626EST			0	0			Hail (1.00)
Wayne County Lincoln Park	19	1626EST			0	0			Thunderstorm Wind (G51)
			A trained spotter estimated a wind gust to 60 MPH.						
Wayne County Riverview	19	1629EST			0	0			Hail (0.75)
Wayne County Wyandotte	19	1629EST			0	0			Hail (1.00)
Wayne County Wyandotte	19	1630EST			0	0			Hail (1.50)
Wayne County Riverview	19	1631EST			0	0			Hail (0.75)
			During the afternoon of Monday June 19th, an upper level disturbance and associated cold front moved into the region and created a reasonably unstable environment. A decent number of severe weather events were noted in the relatively short-lived episode. These included mainly hail of 3/4 to 1 inch in diameter, but also spotty wind damage and a waterspout in western lake erie. The storms were multi-cellular in nature. Several short-lived supercells managed to produce hail up to the size of golf balls, winds up to 70 MPH, and one of the supercells eventually produced the waterspout.						
Washtenaw County 3 NW Ann Arbor	21	0445EST			0	0	200K		Lightning
			A lightning strike tore a large hole in the roof of an upscale home, causing extensive damage. Much of the upstairs portion of the home was destroyed. Total Property damage was estimated at \$200K based on pictures included in the newspaper.						
Oakland County Auburn Hgts	21	0710EST			0	0	1K		Lightning
			Lightning struck a tree 150 feet from a home, causing pictures to fly off the walls and the television to explode.						
Macomb County 2 NE Utica	21	0900EST			0	0	10K		Lightning
			Lightning struck a home, destroying the chimney. Damage to the chimney was estimated at \$10K.						
St. Clair County 3 N Port Huron	21	1000EST			0	0	2K		Lightning
			A local newspaper reported that a utility pole was struck by lightning on Lakeshore Road.						
Oakland County Troy	21	1030EST			0	0	30K		Lightning
			Lightning struck a home, sparking a full blown fire. The fire consumed the attached garage of the tri-level home and extended into the attic. Property damage was roughly estimated at \$30K based on pictures included in the newspaper.						
Oakland County Troy	21	1035EST			0	1	15K		Lightning
			One family member suffered minor injuries related directly to a lightning strike that created flying glass when the fireplace door exploded. There was no fire but the chimney was destroyed and the family room and kitchen were also damaged. Property damage was roughly estimated at \$15K.						
Lenawee County Clayton	21	1654EST			0	0	10K		Lightning
			Lightning struck a home on South Street in Clayton. No injuries were reported. The details of the damages are unknown and the value assigned is a rough estimate.						
Lenawee County Clayton	21	1654EST			0	0	10K		Lightning
			Lightning struck a home on M-34 near Posey Lake. No injuries were reported. The details of the damages are unknown and the value assigned is a rough estimate.						

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Lenawee County Clayton	21	1654EST			0	0	25K		Thunderstorm Wind (G55)
									A local newspaper included a picture of a collapsed section of the rear wall of a 125 year old two-story brick building located at Clayton Crossing. The damage to the building was roughly estimated at \$40K. The fire chief said the building was a safety hazard and would need to be demolished.
Lenawee County 4 N Adrian	21	1713EST			0	0			Hail (1.75)
Lenawee County Tecumseh	21	1720EST			0	0			Hail (0.88)
Lenawee County Adrian	21	1723EST			0	0			Hail (1.00)
Lenawee County Britton	21	1723EST			0	0			Thunderstorm Wind (G54)
									Trained spotter reported a tree 4 feet in diameter blown down.
Lenawee County 1 N Tecumseh	21	1728EST			0	0			Hail (1.25)
Lenawee County Tecumseh	21	1732EST			0	0			Hail (1.50)
Monroe County Dundee	21	1750EST			0	0			Hail (1.75)
Monroe County 3 NW Dundee	21	1750EST			0	0	40K		Thunderstorm Wind (G54)
									NWS storm survey reported a barn destroyed and numerous trees down. Wind gusts estimated to 65 MPH. Property damage estimated at \$30K. Tree damage estimated at \$10K.
Monroe County Ida	21	1750EST			0	0			Thunderstorm Wind (G51)
									Trained spotter estimated a wind gust to 60 MPH.
Monroe County Petersburg	21	1750EST			0	0			Hail (1.75)
Lenawee County Fairfield	21	1752EST			0	0			Hail (1.00)
Lenawee County 1 N Adrian	21	1755EST			0	0	2K		Thunderstorm Wind (G51)
									Law enforcement reported power pole blown down.
Monroe County 1 SE Lambertville	21	1755EST			0	0	5K		Thunderstorm Wind (G54)
									Trained spotter reported numerous trees down.
Lenawee County 2 N Adrian	21	1758EST			0	0			Thunderstorm Wind (G50)
									Law enforcement reported tree limbs blown down.
Monroe County 1 SW Temperance	21	1758EST			0	0	65K		Thunderstorm Wind (G54)
									NWS storm survey reported a 40 foot by 40 foot roof section blown off the Bedford High School gymnasium. Numerous trees were also blown down in the area. The damage to the roof was so extensive that the entire roof had to be replaced, costing the school approximately \$65K.
Lenawee County Adrian	21	1800EST			0	0	5K		Thunderstorm Wind (G55)
									A local newspaper included a picture of a giant pine tree at least 5 feet in diameter blown down in West Park in Adrian.
Lenawee County Adrian	21	1800EST			0	0	30K		Thunderstorm Wind (G55)
									A local newspaper reported that a roof was blown off a house in Adrian. Property damage was roughly estimated at \$30K.
Lenawee County 4 NE Onsted	21	1803EST			0	0	5K		Thunderstorm Wind (G52)
									Law enforcement reported a tree blown down on a vacant trailer.
Lenawee County Tecumseh	21	1804EST			0	0	2.5K		Thunderstorm Wind (G52)
									Law enforcement reported power lines and trees down.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MICHIGAN, East</u>									
Lenawee County 2 N Adrian	21	1806EST			0	0			Thunderstorm Wind (G52)
	Law enforcement reported a tree blown down onto the highway.								
Lenawee County 2 NNE Adrian	21	1811EST			0	0			Thunderstorm Wind (G52)
	Law enforcement reported a tree blown down.								
Lenawee County Palmyra	21	1816EST			0	0			Thunderstorm Wind (G52)
	NWS storm survey reported trees down.								
Monroe County Monroe	21	1820EST			0	0	75K		Lightning
	Lightning struck a home and a fire smoldered for 3 hours before erupting into a full blown fire. The home and the family's contents sustained heavy water, smoke and heat damage. No injuries were sustained. Total property damage was roughly estimated at 75K based on pictures included in the newspaper.								
Lenawee County 4 NW Adrian	21	1950EST			0	0			Hail (0.75)
Macomb County Warren	21	2109EST			0	0			Hail (0.88)
Macomb County Warren	21	2109EST			0	0			Thunderstorm Wind (G65)
	Trained spotter measured a wind gust of 75 MPH.								
	On the evening of Wednesday, June 21st, rapid thunderstorm development occurred across the southern two tiers of counties in southeast Michigan. The strongest storms were focused along the leading edge of a very unstable airmass associated with a warm front. As the storms interacted with the surface warm front, the storms began to immediately rotate. Several circulations were noted at any given time. One tornado, rated at F0 intensity, touched down near Addison in Lenawee County. The severe thunderstorms resulted in a mix of high wind and large hail, with several reports of hail the size of golf balls. In addition, the warm front remained nearly stationary through much of the event, which resulted in echo training and flash flooding across Lenawee and Monroe counties.								
Lenawee County 4 SSE Addison to 4 SE Addison	21	1710EST 1713EST	2.2	100	0	0	40K		Tornado (F0)
	An F0 intensity tornado with winds of 60 to 70 MPH touched down approximately 4 miles south of Addison in Rollin Township on Wednesday, June 21st. The damage path was concentrated in a 100 yard wide path for a length of approximately 2 miles, extending from Rollin Highway just south of Burton Road eastward along Burton Road to the intersection of Burton Road and Shierson Highway. The most extensive damage along the path was to large trees near the Burton Road and Townley Highway intersection. Several homes received minor structural damage from falling trees associated with this tornado. Total property damages were roughly estimated at \$40K. Average path width was 25 yards.								
Lenawee County South Portion	21	2000EST 2300EST			0	0	150K		Flash Flood
Monroe County South Portion	21	2000EST 2300EST			0	0	50K		Flash Flood
	On the evening of Wednesday June 21st, severe thunderstorms trained across the southern half of Lenawee County and the southern third of Monroe County. Up to 5 inches of rain fell that evening on top of about an inch that fell in the morning. This caused flash flooding across the two counties. Several roads were reported being washed out, especially around the Blissfield area where portions of US-223 and M-34 were closed with several feet of water reported flowing across portions of these roadways. Yards across nearly this entire area were under water with several reports of water entering the first floor of homes. At least two vehicle rescues took place across Lenawee County. An SUV fell approximately 12 feet as the road beneath them opened up when a culvert washed out, creating a large sink hole. No injuries or deaths were reported. Total property damage was very roughly estimated at \$150K.								
Genesee County Flint	26	1700EST 2100EST			0	0	35K		Flash Flood
	Monday evening, June 26th, thunderstorms over the Flint area produced heavy rainfall with up to 2.8 inches falling in about an hour over a relatively small area of Flint around the Cherokee Avenue and Atherton Road areas. Flooding of homes and streets were reported with several people needing rescuing by boat. No deaths or injuries were reported. Flooding has occurred in this area several times in the past and is partly due to a poor drainage system in place. A rough estimate of \$35K accounts for contents lost in homes as well as vehicle damage.								

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Macomb County									
3 SE Mt Clemens	27	0955EST			0	0			Hail (0.75)
Washtenaw County									
Manchester	27	1324EST			0	0			Thunderstorm Wind (G51)
			Emergency Manager reported 2 twelve inch limbs blown down.						
Washtenaw County									
3 N Bridgewater	27	1345EST			0	0			Hail (0.75)
Washtenaw County									
Saline	27	1350EST			0	0			Hail (0.75)
Washtenaw County									
Saline	27	1350EST			0	0	1K		Thunderstorm Wind (G54)
			Trained spotter reported 6 inch trees blown down.						
Washtenaw County									
Saline	27	1355EST			0	0			Hail (0.88)
Washtenaw County									
2 N Saline	27	1358EST			0	0			Hail (1.00)
Washtenaw County									
3 N Saline	27	1400EST			0	0			Hail (0.75)
Washtenaw County									
Ann Arbor	27	1403EST			0	0			Thunderstorm Wind (G54)
			National Weather Service surface observing equipment measured a wind gust of 65 MPH.						
Washtenaw County									
4 S Ann Arbor	27	1407EST			0	0			Hail (1.75)
Macomb County									
Warren	27	1410EST			0	0			Hail (0.88)
Washtenaw County									
Ann Arbor	27	1410EST			0	0			Hail (0.75)
Washtenaw County									
3 SSE Ann Arbor	27	1410EST			0	0			Hail (1.00)
Washtenaw County									
3 SSE Ann Arbor	27	1410EST			0	0	12K		Thunderstorm Wind (G54)
			Law Enforcement reported 6 utility poles blown down.						
Washtenaw County									
2 SE Ann Arbor	27	1412EST			0	0			Hail (0.75)
Washtenaw County									
3 SSE Ann Arbor	27	1412EST			0	0			Hail (1.00)
Washtenaw County									
Ann Arbor	27	1414EST			0	0	4K		Thunderstorm Wind (G52)
			Law Enforcement reported a tree blown down on car.						
Washtenaw County									
3 E Ann Arbor	27	1417EST			0	0			Hail (0.75)
Wayne County									
River Rouge	27	1530EST			0	0			Hail (0.75)
Wayne County									
River Rouge	27	1530EST			0	0			Thunderstorm Wind (G50)
			Trained spotter reported numerous 6 inch tree limbs down.						
Wayne County									
Detroit	27	1540EST			0	0			Hail (0.75)

On Tuesday, June 27th, an upper level disturbance led to an environment with moderate instability and moderate windshear. The atmosphere was primarily favorable for mostly a large hail event. However, the atmosphere was also susceptible to strong downbursts as evidenced by a measured wind gust of 56 Knots at the Ann Arbor airport. The strongest storm tracked across Washtenaw county and produced hail up to the size of golf balls. A weak boundary near Lake Erie allowed for the spinup of an F0 Tornado near Estral Beach.

Storm Data and Unusual Weather Phenomena

June 2006

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

MICHIGAN, East

Monroe County

1.5 NW Estral Beach	27	1434EST 1435EST	0.2	10	0	0	50K		Tornado (F0)
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A very thin tornado briefly touched down just west of Chinavere Road and just north of Dixie Highway in Berlin Township at 1434 EST on Tuesday, June 27th. The tornado tracked southeast and lifted as it moved across Dixie Highway. The Tornado was rated an F0 anticyclonic tornado with winds up to 65 MPH. The tornado was on the ground for less than a minute but long enough to blow over a loaded tractor-trailer rig weighing 45,000 pounds parked next to a home. Only minor structural damage occurred to the home. The tornado created crop-circle like patterns in a neighboring wheat field. No injuries or deaths were reported. Property damages included the loss of the truck, confirmed at \$50K. The same storm cell produced a waterspout over Lake Erie just moments later.

Saginaw County

10 S Saginaw	28	1250EST			0	0			Hail (0.75)
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Saginaw County

2 S Saginaw	28	1310EST			0	0			Hail (0.75)
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Saginaw County

Saginaw	28	1310EST			0	0			Hail (0.75)
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St. Clair County

2 N Port Huron	28	1330EST			0	0			Hail (0.75)
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Tuscola County

4 NE Millington	28	1340EST			0	0			Hail (0.88)
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Tuscola County

Mayville	28	1407EST			0	0			Hail (0.75)
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Genesee County

Flushing	28	1432EST			0	0			Hail (0.75)
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Sanilac County

4 E Decker	28	1455EST 1458EST			0	0			Hail (0.88)
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Lenawee County

5 SE Tecumseh	28	1501EST			0	0	1K		Thunderstorm Wind (G52)
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Central Dispatcher reported a tree blown down and covering both lanes of highway.

Genesee County

Otisville	28	1505EST			0	0			Hail (1.75)
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Genesee County

Otisville	28	1510EST			0	0			Hail (0.88)
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Monroe County

4 W Dundee	28	1515EST			0	0			Hail (0.75)
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Lapeer County

3 E Otter Lake	28	1523EST			0	0			Hail (0.75)
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Tuscola County

Vassar	28	1541EST			0	0			Hail (0.75)
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Sanilac County

Brown City	28	1609EST			0	0			Hail (0.75)
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Sanilac County

2 N Lexington	28	1618EST			0	0			Hail (0.75)
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St. Clair County

St Clair	28	1635EST			0	0			Hail (0.75)
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Shiawassee County

4 N Owosso	28	1825EST			0	0			Hail (0.75)
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MICHIGAN, Extreme Southwest

St. Joseph County

Constantine	02	1623EST 1624EST			1	0			Lightning
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A 45 year old man leaning against a tree was seriously injured when the tree was struck by lightning. He later died of his injuries. M45UT

St. Joseph County

Centreville	03	1710EST 1715EST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>MICHIGAN, Extreme Southwest</u>									
St. Joseph County									
5 N Three Rivers	21	1650EST 1651EST			0	0			Hail (1.00)
Cass County									
Marcellus	21	1701EST 1702EST			0	0			Thunderstorm Wind (G55)
		Several trees were blown down.							
St. Joseph County									
2 NW Three Rivers	21	1710EST 1711EST			0	0	5K		Thunderstorm Wind (G55)
		Trees and power lines were blown down.							
St. Joseph County									
1 N Centreville	21	1715EST 1716EST			0	0			Hail (1.50)
St. Joseph County									
Three Rivers	21	1727EST 1728EST			0	0			Hail (2.00)
Hillsdale County									
1 NW Hillsdale	21	1735EST 1736EST			0	0	5K		Thunderstorm Wind (G50)
		Windows were blown out of homes and businesses.							
St. Joseph County									
1 N Centreville	21	1736EST 1737EST			0	0			Hail (1.00)
Branch County									
2 N Coldwater	21	1737EST 1738EST			0	0			Thunderstorm Wind (G55)
		Several trees blown down.							
St. Joseph County									
Sturgis	21	1747EST 1748EST			0	0			Hail (1.25)
St. Joseph County									
Centreville	21	1755EST 1756EST			0	0			Hail (1.00)
St. Joseph County									
2 NE Sturgis	21	1815EST 1816EST			0	0			Hail (0.88)
Hillsdale County									
Countywide	21	1820EST 1825EST			0	0			Hail (1.00)
		Numerous reports of hail up to quarter size reported throughout the county.							
Branch County									
Coldwater	21	1825EST 1826EST			0	0			Hail (0.88)
Branch County									
Coldwater	21	1825EST 1826EST			0	0			Thunderstorm Wind (G50)
		8 inch diameter tree broke off.							
Branch County									
Bronson	21	1831EST 1832EST			0	0			Hail (0.75)
Cass County									
6 E Vandalia	28	1212EST 1215EST			0	0			Hail (1.00)
St. Joseph County									
Constantine	28	1234EST 1237EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Gladwin County 7 SE Gladwin	02	1615EST			0	0			Hail (1.00)
									An upper level disturbance ignited strong thunderstorms across much of Northern Michigan. Only one storm reached severe levels, dropping quarter sized hail in Gladwin County.
Kalkaska County 6 S Kalkaska	03	1430EST			0	0			Hail (0.88)
									Another day of pop-up afternoon thunderstorms, thanks to cold air aloft residing over the Great Lakes region. One storm produced nickel sized hail in Kalkaska County.
Kalkaska County 5 N Kalkaska to 6.5 NNE Kalkaska	07	0720EST 1100EST			0	0	20K		Flash Flood
									Nearly stationary thunderstorms developed in the pre-dawn hours, directly underneath a slow-moving upper level low pressure system. Radar estimated that around 4 inches of rain fell in a portion of the Rapid River basin, just north of Kalkaska. Flooding was enhanced by the failure of a beaver dam on a small creek. Part of Wood Road was washed out by the high water, and Smith and Holly Roads were also impacted. Traffic on US-131 at the Rapid River bridge was reduced to one lane for a time, as waters raged close to underside of the bridge.
Montmorency County Atlanta	19	1410EST			0	0			Hail (0.75)
									A few strong storms developed ahead of an upper level disturbance. The strongest storm produced penny sized hail in Montmorency County.
Wexford County Cadillac	27	1440EST 1441EST			0	0			Hail (1.50)
Missaukee County 4.5 S Lake City	27	1505EST			0	0			Hail (0.75)
Presque Isle County 6 N Ocqueoc	27	1654EST			0	0			Hail (0.75)
									Scattered thunderstorms developed in a humid airmass with cold air aloft. This allowed some storms to produce severe hail. Hailstones as large as ping-pong balls fell in Cadillac.
Kalkaska County Sharon	28	1302EST 1307EST			0	0			Hail (0.88)
Missaukee County 4 ESE Lake City	28	1303EST			0	0	3K		Thunderstorm Wind (G52)
									Trees downed.
Missaukee County Merritt	28	1313EST			0	0			Hail (0.75)
Montmorency County 11 W Atlanta	28	1325EST			0	0			Hail (0.75)
Otsego County 4 E Johannesburg	28	1325EST			0	0			Hail (0.75)
Oscoda County Mio to 4 S Mio	28	1424EST 1436EST			0	0			Hail (0.88)
Grand Traverse County Traverse City	28	1434EST			0	0			Hail (0.88)
Alcona County Backus Beach	28	1445EST			0	0			Hail (0.75)
Arenac County 1 S Standish to 1 N Omer	28	1455EST 1505EST			0	0			Hail (1.00)
Alcona County Spruce	28	1510EST 1518EST			0	0			Hail (0.75)
Iosco County Hale	28	1530EST			0	0			Hail (0.75)
Benzie County Lake Ann	28	1540EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>MICHIGAN, North</u>									
Grand Traverse County									
6 W Kingsley	28	1544EST			0	0			Hail (0.75)
A potent upper level disturbance brought very cold air aloft into the northern Great Lakes. Abundant sunshine in the morning provided the fuel to power numerous thunderstorms in the afternoon. Thanks to the cold air aloft, a number of these storms produced large hail.									
<u>MICHIGAN, Upper</u>									
Menominee County									
Nathan	02	1415CST 1420CST			0	0			Hail (0.75)
Three-quarter inch diameter hail covered the ground to a depth of 2 inches.									
MIZ001>004-009-084	07	0100EST 0800EST	Keweenaw - Ontonagon - Northern Houghton - Baraga - Gogebic - Southern Houghton		0	0			Dense Fog
Widespread dense fog developed over Gogebic, Ontonagon, Keweenaw, Houghton and Baraga counties in the early morning hours of the 7th, slowing the morning commute to work.									
MIZ001>002-002>004-004>005-005>006-006>007-007-009-009>010-010>011-011>012-012>013-013>014-014-084-084>085-085	10 11	0300EST 0700EST	Keweenaw - Ontonagon - Northern Houghton - Baraga - Marquette - Alger - Luce - Gogebic - Iron - Dickinson - Menominee - Delta - Southern Schoolcraft - Southern Houghton - Northern Schoolcraft		0	0			Frost/Freeze
Patchy frost developed across much of west and central Upper Michigan during the early morning hours on the 10th and 11th. Minimum temperatures between 28 and 34 degrees were common at observing sites across the area.									
Gogebic County									
Wakefield	17	1220CST			1	0			Lightning
A 50-year old man was struck and killed by lightning while standing under a tree near Sunday Lake in Wakefield. M50UT									
Gogebic County									
9 N Marenisco	17	1230CST			0	0			Hail (0.75)
Penny-sized and smaller hail fell for ten seconds.									
Houghton County									
3 SE Alston	17	1305EST 1310EST			0	0	5K		Thunderstorm Wind (G50)
Numerous trees and power lines were reported down along a two-mile swath near Prickett Dam Road and along Silver Mountain Road.									
Baraga County									
3 S Pelkie	17	1310EST 1315EST			0	0	40K		Thunderstorm Wind (G60)
40 to 50 large trees were snapped off or uprooted between Pine Creek Road and just south of Highway M-38 near the Sturgeon River.									
Baraga County									
L Anse	17	1333EST			0	0	1K		Thunderstorm Wind (G50)
A 50-foot tall 10-inch diameter tree broke in half. Also a 7-inch diameter poplar tree broke.									
Baraga County									
Pequaming	17	1333EST			0	0			Hail (0.75)
Baraga County									
2 N Skanee	17	1338EST			0	0			Hail (2.00)
Two-inch diameter hail fell at cabin on Huron Bay.									
Baraga County									
2 N Skanee	17	1338EST			0	0	2K		Thunderstorm Wind (G55)
Several large trees downed at cabin on Huron Bay.									
Baraga County									
Arnheim	17	1405EST			0	0	1K		Thunderstorm Wind (G50)
A 10-inch pine tree snapped off.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Marquette County

9 NW Marquette 17 1415EST 0 0 10K **Thunderstorm Wind (G55)**

Many trees blown down or uprooted along Eagles Nest and Buck Roe Roads. Several trees ranging between 8 and 10 inches in diameter were snapped off half way up the tree. One tree was uprooted near County Highway 550.

Houghton County

Freda 17 1550EST 0 0 **Thunderstorm Wind (G54)**

Measured wind gust of 62 mph. Also a 6-inch diameter birch tree was snapped off.

Keweenaw County

8 E Phoenix 17 1630EST 0 0 40K **Thunderstorm Wind (G60)**

40 to 50 large trees were snapped off or uprooted along Gratiot Lake Road within a mile of the northwest shoreline of Gratiot Lake. A cold frontal passage triggered severe thunderstorms over portions of the west half of Upper Michigan on the afternoon of the 17th. The severe storms either uprooted or snapped off numerous large trees or dropped large hail at selected locations in Gogebic, Baraga, Houghton, Keweenaw and Marquette counties. In Gogebic County, a 50-year old man was struck and killed by lightning while standing under a tree near Sunday Lake in Wakefield.

Menominee County

Wallace 18 1540CST
1600CST 0 0 **Heavy Rain**

1.12 inches of rain was measured in the town of Wallace over a 20-minute period.

Delta County

4 N Hyde 18 1605EST 0 0 **Hail (1.00)**

Delta County

Escanaba 18 1615EST
1635EST 0 0 **Heavy Rain**

Brief heavy rain caused ponding of water near the 1200 block of Ludington Street.

Alger County

4 SW Melstrand 18 1632EST 0 0 **Hail (0.75)**

Hail observed near the junction of Highways H-15 and H-58 in Van Meer.

Delta County

4 S Stonington 18 1718EST
1728EST 0 0 **Heavy Rain**

0.55 inches of rain fell in 10 minutes.

Isolated thunderstorms forming along a cold front dropped large hail at points in Alger and Delta counties on the afternoon of the 18th. Heavy rain was also reported at a few locations in Delta and Menominee counties with some ponding of water on portions of Ludington Street in Escanaba.

Ontonagon County

Mass 21 1511EST 0 0 2K **Thunderstorm Wind (G50)**

Tree blown down taking power line with it.

Baraga County

Pelkie 21 1536EST 0 0 3K **Thunderstorm Wind (G50)**

Several trees and power lines down.

Baraga County

Baraga 21 1540EST 0 0 2K **Thunderstorm Wind (G50)**

Several trees down.

Baraga County

L Anse 21 1543EST 0 0 2K **Thunderstorm Wind (G50)**

Several trees down.

Marquette County

4 S Big Bay 21 1620EST 0 0 1K **Thunderstorm Wind (G50)**

A few 4-5 inch diameter trees down.

Alger County

6 WNW Au Train 21 1725EST 0 0 **Hail (0.75)**

Hail lasted five minutes.

A cold front triggered isolated severe thunderstorms over portions of west and central Upper Michigan on the afternoon and evening of the 21st.

MICHIGAN, West

Kent County

Cedar Spgs to Belmont 02 1328EST
1330EST 0 0 10K 5K **Thunderstorm Wind (G52)**

Wind damage was reported in Cedar Springs and three quarters inch hail was reported near Belmont.

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					Killed	Injured	Property	Crops	
<u>MICHIGAN, West</u>									
Kent County Grand Rapids to Ada	02	1352EST 1400EST			0	0	10K	5K	Hail (0.75)
Three quarters inch hail was reported just north of Grand Rapids and wind damage was reported near Ada.									
Kent County Cutlerville	02	1447EST			0	0	10K	5K	Hail (1.00)
One inch hail was reported two miles west of Cutlerville.									
Kalamazoo County Kalamazoo	02	1540EST			0	0	10K		Thunderstorm Wind (G52)
Law enforcement in Kalamazoo reported numerous trees and limbs were blown down in Kalamazoo.									
Clinton County Ovid	03	1320EST			0	0	5K	5K	Hail (0.88)
Seven eighths inch hail was reported in Ovid.									
Montcalm County Langston	03	1435EST			0	0	5K	5K	Hail (0.88)
Seven eighths inch hail was reported five miles north of Langston.									
Clare County Clare	03	1525EST			0	0	5K	5K	Hail (0.75)
Three quarters inch hail was reported by amateur radio operators in Clare.									
Kalamazoo County Portage	03	1630EST			0	0	5K	5K	Hail (0.75)
Three quarters inch hail was reported three miles south of Portage.									
Kent County Rockford	03	1734EST			0	0	5K	5K	Hail (0.88)
Law enforcement in Rockford reported seven eighths inch diameter hail.									
Kent County Grand Rapids	03	1828EST			0	0	25K	15K	Hail (1.00)
Quarter sized hail was reported in Grand Rapids.									
Jackson County Concord	19	1105EST			0	0	5K	5K	Hail (0.75)
Three quarters inch hail was reported in Concord.									
Jackson County Brooklyn	19	1200EST 1220EST			0	0	20K	15K	Hail (1.25)
Hail ranging anywhere from one and a quarter to seven eighths inches in diameter was reported in Brooklyn.									
Ingham County Williamston to Webberville	19	1328EST 1341EST			0	0	20K	10K	Thunderstorm Wind (G52)
Several large trees were blown down and three quarters inch hail was reported near Williamston, Stockbridge and Webberville.									
Jackson County Concord	21	1610EST			0	0	10K		Thunderstorm Wind (G52)
Law enforcement in Jackson reported several trees were blown down one mile south of Concord.									
Calhoun County Battle Creek to Marshall	21	1611EST			0	0	20K	10K	Hail (1.25)
Trained spotters reported hail as large as one and a quarter inches in diameter two miles south of Marshall.									
Kalamazoo County Scotts	21	1655EST			0	0	20K		Thunderstorm Wind (G52)
Several trees were blown down in and near the village of Scotts.									
Calhoun County Marshall	21	1658EST			0	0	10K		Thunderstorm Wind (G56)
A trained spotter reported an estimated wind gust of around 65 m.p.h. five miles southwest of Marshall.									
Jackson County Pulaski to Hanover	21	1730EST			0	0	20K		Thunderstorm Wind (G52)
Several trees were blown down in Pulaski and near Hanover.									
Jackson County Parma	21	2054EST			0	0	15K		Thunderstorm Wind (G52)
Several trees were blown down two miles east of Parma.									

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<u>MICHIGAN, West</u>									
Oceana County									
Ferry	26	1500EST			0	0	10K	5K	Hail (1.00)
									One inch hail was reported by the public in Ferry and the hail briefly covered the ground.
Newaygo County									
Fremont	28	1016EST			0	0	5K	5K	Hail (0.75)
									Three quarters inch hail was reported three miles northwest of Fremont.
Van Buren County									
Lawton	28	1100EST			0	0	5K	5K	Hail (0.75)
									Three quarters inch hail was reported in Lawton.
Allegan County									
Plainwell	28	1115EST			0	0	5K		Thunderstorm Wind (G52)
									Two trees were blown down in Plainwell.
Newaygo County									
Bitely	28	1115EST			0	0	5K	5K	Hail (0.75)
									Three quarters inch hail was reported in Bitely.
Kalamazoo County									
Portage	28	1120EST			0	0	5K	5K	Hail (0.75)
									Three quarters inch hail was reported in Portage.
Mecosta County									
Big Rapids	28	1144EST			0	0	5K	5K	Hail (0.88)
									Seven eighths inch hail was reported in Big Rapids.
Barry County									
Delton to Hickory Corners	28	1145EST			0	0	5K	5K	Hail (0.75)
									Three quarters inch hail was reported in Delton and Hickory Corners.
Jackson County									
Liberty	28	1355EST			0	0	5K	5K	Hail (0.75)
									A trained spotter reported three quarters inch hail in Liberty.
Mecosta County									
Rodney	28	1740EST			0	0	15K	10K	Hail (1.00)
									One inch diameter hail was reported by the media in Rodney.
<u>MINNESOTA, Central and South Central</u>									
Todd County									
2 NW Clotho	05	1551CST 1552CST			0	0			Hail (0.75)
Morrison County									
3 NW Harding	05	1641CST 1646CST			0	0			Thunderstorm Wind (G57)
									Measured by MNDOT sensor along Highway 25 on south side of Morrison - Crow Wing County line.
Benton County									
4 E Sauk Rapids	05	1700CST			0	0			Thunderstorm Wind (G55)
									Tree down across road.
Benton County									
Duelm	05	1710CST			0	0			Thunderstorm Wind (G55)
									Tree down across road.
Benton County									
2 W Glendorado	05	1720CST			0	0			Thunderstorm Wind (G55)
									Tree down over road.
Sherburne County									
5 NE Clear Lake	05	1725CST			0	0			Thunderstorm Wind (G55)
									Several 12 to 15 inch diameter trees toppled.
Sherburne County									
Clear Lake	05	1755CST			0	0			Thunderstorm Wind (G50)
									Six inch diameter trees down.
Sherburne County									
4 N Zimmerman	05	1809CST			0	0			Thunderstorm Wind (G55)
									Highway 169 and County road 9. Multiple trees down over highway.

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					Killed	Injured	Property	Crops	
MINNESOTA, Central and South Central									
Isanti County 3 W Isanti	05	1815CST			0	0			Thunderstorm Wind (G55)
			Tree toppled over road.						
Isanti County 5 W Isanti	05	1820CST			0	0			Hail (0.75)
Isanti County 8 WSW Isanti to 3 N Isanti	05	1835CST			0	0			Thunderstorm Wind (G50)
			Many 3 inch tree limbs down.						
Blue Earth County Mankato	05 06	2325CST 0100CST			0	0			Flash Flood
			Lowlands and sidestreets across much of Mankato were flooded.						
Lac Qui Parle County 8 ENE Boyd	06	0105CST 0106CST			0	0			Hail (2.00)
			Some crops had significant damage. Siding dented. Some vehicles damaged.						
Lac Qui Parle County 8 ENE Boyd	06	0105CST			0	0			Thunderstorm Wind (G55)
			Several trees down.						
Yellow Medicine County 9 NW Granite Falls	06	0105CST 0106CST			0	0			Hail (1.75)
			Ground white with hail. Crops sustained significant damage.						
Chippewa County 3 SE Montevideo	06	0110CST 0115CST			0	0			Hail (0.75)
Chippewa County 2 NW Wegdahl to Wegdahl	06	0110CST 0111CST			0	0			Hail (0.88)
Faribault County Minnesota Lake	06	2045CST			0	0			Thunderstorm Wind (G55)
			A few trees snapped. Some hail reported but diameter could not be determined. Combination of wind and hail damaged some crops across a small area. Three inches of rain reported in just over an hour.						
Blue Earth County Mankato	09	1655CST			0	0			Thunderstorm Wind (G55)
			A tree collapsed onto a home on Record Street, with another tree falling near the intersection of Mound Avenue and Owatonna Street. Reported by Mankato Free Press.						
Renville County Franklin	09	1700CST			0	0			Thunderstorm Wind (G60)
			Large sign at the Franklin BP gas station along Highway 19 was torn down. Reported by Fairfax Standard Gazette newspaper.						
Steele County Owatonna	09 10	2330CST 0300CST			0	0	500K		Flash Flood
			Significant localized flooding reported, most of which was contained in the industrial park on the western edge of Owatonna. Several of the local factories had flooding in their parking lots. Railroad tracks washed out on North Street. The Microtel hotel, located in this area, had approximately 35 cars submerged in 3 to 4 feet of water. One hundred and eighty people were evacuated from 63 rooms of the hotel by Emergency Services. Some guests of the hotel reported they had water up to their knees in the lower level rooms. Owatonna fire chief Mike Johnson mentioned that 15 homes, mostly in the southeast section of Owatonna had flooding in their basements. Some of these residents reported water up to five feet deep. The over one half million dollar damage estimate included the damage at the hotel plus the flooded vehicles. Information provided by county officials. A large area of mud washed over Highway 14. The Red Cross opened an emergency shelter at the Owatonna High School. Some information provided by Faribault Daily News newspaper.						
Blue Earth County 1 S Mankato	09 10	2340CST 0140CST			0	0			Flash Flood
			Mud slide reported on the southern edge of town after several inches of rain had fallen.						

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<u>MINNESOTA, Central and South Central</u>									
Yellow Medicine County									
2 N Porter	13	1515CST 1516CST			0	0			Hail (1.00)
Stevens County									
2 W Chokio	14	0655CST			0	0			Hail (0.75)
Waseca County									
New Richland	14	0800CST 0805CST			0	0			Hail (1.00)
Hail covered the ground up to half an inch. Some small branches and leaves were removed from trees.									
Watonwan County									
Butterfield	16	1608CST			0	0			Thunderstorm Wind (G52)
Power line down. One half inch hail also reported.									
Watonwan County									
7 N Butterfield	16	1615CST 1616CST			0	0			Hail (0.75)
Watonwan County									
7 N Butterfield	16	1615CST			0	0			Thunderstorm Wind (G55)
Portable tin shed missing. Lawn furniture blown around. Metal birdhouse bent over. Large tree limb felled over driveway from local residence. Some damage reported in Adrian Township, extent unknown.									
Watonwan County									
5 W La Salle	16	1615CST			0	0			Thunderstorm Wind (G55)
Twelve inch diameter tree down in extreme Northwest Watonwan county.									
Hennepin County									
Hopkins	16	1623CST			0	0			Thunderstorm Wind (G55)
Trees up to 18 inches in diameter down near Highway 169 and Excelsior Blvd.									
Scott County									
Shakopee	16	1636CST			0	0			Thunderstorm Wind (G55)
One and one half foot diameter tree down near Highway 101 and Minnesota River in northern Shakopee.									
Hennepin County									
Hopkins	16	1645CST 1646CST			0	0			Hail (0.75)
Reported at Highway 169 and Excelsior Blvd.									
Hennepin County									
Minneapolis	16	1645CST 1649CST			0	0			Hail (1.00)
Hennepin County									
Minneapolis	16	1645CST			0	0			Thunderstorm Wind (G60)
Large branches blown down, newspaper boxes and construction signs blown over in Uptown near 26th and Hennepin. Numerous trees down in the Lake Calhoun and Lake Harriet areas, with a few roads blocked. A large tree fell onto the roof of a home in the 2300 block of Humboldt Ave. South. About 30,000 electric customers lost power in the western metro according to Xcel Energy. Some information provided by Star Tribune newspaper.									
Redwood County									
9 S Redwood Falls	16	1713CST			0	0			Thunderstorm Wind (G55)
Forty to fifty foot tall tree with a diameter larger than two feet felled. In twenty minutes 0.86 inches of rain fell.									
Redwood County									
Sanborn	16	1718CST			0	0			Thunderstorm Wind (G55)
Four to six inch tree limbs were severed in Sanborn Park. As reported by Sanborn Sentinel newspaper.									
Redwood County									
Wanda	16	1720CST			0	0			Thunderstorm Wind (G50)
Several trees and branches felled in and around Wanda. As reported by Sanborn Sentinel newspaper.									
Hennepin County									
Minneapolis	16	1725CST			0	0			Thunderstorm Wind (G55)
One foot diameter tree pushed over in downtown Minneapolis on 4th Street.									
Redwood County									
Clements	16	1725CST			0	0			Thunderstorm Wind (G55)
Tin roof peeled back on building at Clements lumber. Some trees and branches also reported down in Clements. As reported by Sanborn Sentinel newspaper.									

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<u>MINNESOTA, Central and South Central</u>									
Ramsey County									
Arden Hills	16	1810CST			0	0			Thunderstorm Wind (G55)
			Three to four inch branches down.						
Hennepin County									
Minneapolis	16	1820CST			0	0			Heavy Rain
	17	2100CST	Three to four inches of rain in several hours resulted in ponding of water at numerous intersections and low lying spots. Several manhole covers in downtown Minneapolis were blown out, including one at 9th and Marquette, where minor damage was incurred due to one manhole cover hitting the overhead skyway.						
Scott County									
Jordan	16	1830CST 2030CST			0	0			Flash Flood
			Localized flooding within the city limits.						
Le Sueur County									
Le Sueur	16	1930CST 2030CST			0	0			Flash Flood
			Six inch water on roads. Gravel washed out of parking lots.						
Blue Earth County									
Eagle Lake	16	1948CST 2100CST			0	0			Flash Flood
			Many streets flooded in town. In one location water rose up to car door length. In the northwest portion of Blue Earth County, 3 to 6 inches of water spilled onto roads from flooded ditches.						
Lac Qui Parle County									
3 SSW Marietta	23	1530CST 1531CST			0	0			Hail (1.00)
			Hail occurred in section 5 of Mehurin Township. Soybean crop damage reported in section 17 of Mehurin Township.						
Yellow Medicine County									
6 SSE St Leo	23	1630CST 1631CST			0	0			Hail (1.00)
			Reports of crop damage extended from St. Leo to the Lyon County line.						
Meeker County									
Litchfield	23	1935CST 1936CST			0	0			Hail (0.75)
			Hail covered the ground.						
Yellow Medicine County									
Canby	24	1156CST 1157CST			0	0			Hail (1.00)
Kandiyohi County									
Thorpe	24	1220CST 1221CST			0	0			Hail (1.00)
Kandiyohi County									
Thorpe	24	1237CST			0	0			Hail (1.00)
Renville County									
Lakeside	24	1250CST 1251CST			0	0			Hail (0.88)
Mcleod County									
5 S Hutchinson	24	1325CST 1326CST			0	0			Hail (0.88)
Carver County									
2 NW Young America	24	1404CST			0	0			Hail (0.75)
Carver County									
Hamburg	24	1413CST 1414CST			0	0			Hail (0.75)
Carver County									
Cologne	24	1429CST 1430CST			0	0			Hail (1.75)

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MINNESOTA, Central and South Central									
Carver County									
Cologne	24	1438CST 1442CST			0	0			Hail (0.88)
									Hail covered the ground and in some places drifts were up to knee deep. Reported by the Waconia Patriot newspaper. Extensive leaf loss on crops was reported around Cologne by David Nicolai, a Regional Extension Educator in crops with the University of Minnesota Extension Service.
Carver County									
Cologne	24	1438CST			0	0			Thunderstorm Wind (G55)
									Small trees down. Several branches four inches in diameter felled. Pea size hail also reported.
Carver County									
Carver	24	1440CST			0	0			Thunderstorm Wind (G55)
									Three to four inch diameter tree down, 3 to 4 inch tree limbs felled.
Carver County									
Norwood	24	1446CST			0	0			Thunderstorm Wind (G55)
									Trees and tree limbs downed.
Scott County									
Jordan	24	1448CST 1450CST			0	0			Hail (0.88)
Nicollet County									
1 N Nicollet	24	1457CST 1458CST			0	0			Hail (0.75)
Stearns County									
Fairhaven	24	1458CST 1459CST			0	0			Hail (0.75)
Scott County									
1 S Lydia	24	1504CST 1505CST			0	0			Hail (1.50)
									Hail covered the ground.
Scott County									
New Market	24	1515CST 1516CST			0	0			Hail (0.75)
Scott County									
1 NE Elko	24	1520CST			0	0			Hail (1.00)
Dakota County									
5 S Lakeville	24	1534CST 1535CST			0	0			Hail (1.00)
Dakota County									
Farmington	24	1540CST			0	0			Thunderstorm Wind (G50)
									Eighteen inch diameter tree down at the FAA facility as reported by NWS CWSU employee.
Goodhue County									
Hader	24	1630CST 1631CST			0	0			Hail (0.75)
Goodhue County									
Wastedo	24	1630CST			0	0			Hail (0.75)
Goodhue County									
2 S White Rock	24	1630CST 1640CST			0	0			Hail (1.00)
									Crops were damaged near Urland Church and went east to Belle Creek, just north of Belle Creek and south to County Road 9. As reported by Cannon Falls Beacon newspaper.
Goodhue County									
Goodhue	24	1640CST 1641CST			0	0			Hail (0.88)
Goodhue County									
Welch	24	1645CST 1646CST			0	0			Hail (0.88)
Goodhue County									
Red Wing	24	1650CST 1651CST			0	0			Hail (0.88)

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MINNESOTA, Central and South Central

Steele County

Owatonna **24** **1700CST** **0** **0** **Thunderstorm Wind (G55)**

Reported by the Owatonna police department. Damage was incurred to outside merchandise at a local Cabela's store. A tent pole was also snapped at this location. The store manager also reported a portable toilet was flung about 100 yards due to the strong winds.

MINNESOTA, Northeast

Cass County

5 S Backus **05** **1310CST** **0** **0** **Thunderstorm Wind (G50)**

Five-inch diameter trees were blown down.

Cass County

8 SSW Longville **05** **1310CST** **0** **0** **Thunderstorm Wind (G55)**

Trees and power lines were blown down on Highway 84 between Pine River and Longville.

Crow Wing County

4 E Cross Lake **05** **1315CST** **0** **0** **Thunderstorm Wind (G50)**

Two 10-inch diameter pine trees were blown down.

Cass County

19 NE Federal Dam **05** **1320CST** **0** **0** **Thunderstorm Wind (G50)**

Trees were blown down.

Cook County

23 N Tofte **21** **1105CST** **0** **0** **Hail (1.00)**

The hail caused severe stripping of vegetation.

Lake County

10 WNW Isabella **21** **1200CST** **0** **0** **Thunderstorm Wind (G50)**

Trees were blown down east of intersection of Highways 1 and 2, near McDougal Lake.

Koochiching County

2 S Mizpah **26** **1455CST** **0** **0** **Hail (1.00)**

Itasca County

Wirt **26** **1523CST** **0** **0** **Hail (0.88)**

Itasca County

3 NW Bowstring **26** **1543CST** **0** **0** **Hail (0.75)**

The hail fell at Jessie View Resort on Jessie Lake.

MINNESOTA, Northwest

Beltrami County

3 SW Puposky **05** **1242CST** **0** **0** **Hail (0.75)**

Wilkin County

3 NW Foxhome **05** **1309CST** **0** **0** **Hail (1.00)**

Otter Tail County

2 NE Rothsay **05** **1330CST** **0** **0** **Hail (0.75)**

Clay County

Sabin **05** **1340CST** **0** **0** **Thunderstorm Wind (G50)**

Numerous 4 inch diameter tree branches were broken off.

Wilkin County

1 N Rothsay **05** **1400CST** **0** **0** **Thunderstorm Wind (G55)**

Many large tree branches were broken off in shelterbelts.

Otter Tail County

9 SW Pelican Rapids **05** **1405CST** **0** **0** **Thunderstorm Wind (G55)**

Large tree branches were broken off in shelterbelts.

Wilkin County

1 S Tenney **05** **1421CST**
1428CST **0** **0** **Hail (1.75)**

Clay County

2 S Rollag **05** **1425CST** **0** **0** **Thunderstorm Wind (G55)**

Many large tree branches were broken off.

Becker County

6 S Lake Park **05** **1428CST** **0** **0** **Thunderstorm Wind (G55)**

A tree was blown onto a house.

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<u>MINNESOTA, Northwest</u>									
Otter Tail County 4 S Dalton	05	1440CST 1445CST			0	0			Hail (1.00)
The hail fell across Interstate 94 near the Otter Tail and Grant county line.									
Norman County Ada	05	1444CST			0	0			Hail (1.00)
Grant County 3 W Ashby	05	1445CST			0	0			Hail (1.00)
The hail fell across Interstate 94 near the Grant and Otter Tail county line.									
Otter Tail County 5 SSW Clitherall	05	1505CST			0	0			Thunderstorm Wind (G52)
Otter Tail County 3 SW Bluffton	05	1530CST 1545CST			0	0			Thunderstorm Wind (G52)
Otter Tail County 12 E Henning to 13 E Henning	05	1540CST 1542CST	1	50	0	0			Tornado (F1)
Numerous 8 to 10 inch tree limbs were snapped or twisted off along the damage path near highway 210. Peak wind speeds were estimated at 80 mph.									
Polk County 5 N Erskine	05	1545CST			0	0			Thunderstorm Wind (G50)
Many large branches were blown down along the Polk and Red Lake county line.									
Red Lake County 4 S Brooks	05	1545CST			0	0			Thunderstorm Wind (G50)
Many large branches were blown down near the Red Lake and Polk county line.									
Grant County 3 E Herman	05	1605CST			0	0			Thunderstorm Wind (G55)
A 12 inch diameter tree was blown over and other large branches were snapped off.									
Beltrami County 2 S Thorhult	05	1610CST 1615CST			0	0			Hail (0.75)
The hail fell along with 50 mph wind gusts.									
Grant County 8 WSW Hoffman to 7 WSW Hoffman	05	1630CST 1634CST	1.5	50	0	0			Tornado (F1)
The tornado tracked to the east through central Roseville Township, tearing up several large trees in the corner of a shelterbelt. A tall steel silo was dented in near the top and the silo cap was torn off. The tornado was briefly visible from about 3 miles southwest of Barrett. The peak wind speeds were estimated at 90 mph.									
Grant County 3 SW Hoffman	05	1650CST			0	0			Hail (0.88)
Kittson County Halma	05	1905CST			0	0			Hail (0.75)
Kittson County Karlstad	05	1908CST			0	0			Hail (0.75)
Hail covered highway 11.									
Kittson County 2 W Karlstad	05	1920CST 1921CST			0	0			Hail (1.00)
Polk County East Grand Forks	05	1930CST			0	0			Hail (0.75)
Kittson County 5 W Karlstad	05	1934CST			0	0			Hail (0.75)
Kittson County Karlstad	05	1936CST			0	0			Thunderstorm Wind (G55)
Numerous 4 to 12 inch diameter tree branches were broken off.									
Marshall County 6 NW Strandquist	05	1940CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MINNESOTA, Northwest									
Roseau County Greenbush	05	1945CST			0	0			Hail (0.75)
Roseau County Greenbush	05	1945CST			0	0			Thunderstorm Wind (G56)
Polk County Crookston	05	2012CST			0	0			Thunderstorm Wind (G52)
									Large tree branches were blown down near the University of Minnesota Crookston campus.
Otter Tail County 8 NNE Bluffton	06	0001CST			0	0			Hail (0.75)
									Garden plants were heavily damaged.
Wadena County 9 N Wadena	06	0001CST			0	0			Hail (0.75)
Wadena County Sebeka	06	0016CST			0	0			Hail (0.88)
Wadena County 2 E Verndale	06	0028CST			0	0			Thunderstorm Wind (G55)
									Numerous large tree limbs and branches were blown off in several shelterbelts along U.S. Highway 10.
Mahnomen County Waubun	24	1548CST			0	0			Funnel Cloud
									Two funnel clouds were seen between Mahnomen and Waubun.
Norman County 4 NE Twin Vly	24	1627CST	0.1	25	0	0			Tornado (F0)
									A tornado briefly touched down in an open field south of highway 200.
Norman County 5 E Halstad	24	1800CST			0	0			Hail (0.75)
Roseau County 1 E Pencer	26	1232CST			0	0			Hail (0.88)
Norman County 2 S Halstad	26	1255CST			0	0			Thunderstorm Wind (G50)
									Several large tree branches were snapped off by the strong wind.
Roseau County 3 E Pencer	26	1320CST			0	0			Hail (1.00)
Marshall County 2 NE Gatzke	26	1353CST			0	0			Hail (0.88)
Beltrami County 2 N Waskish	26	1400CST			0	0			Hail (0.75)
Roseau County 4 NE Roseau	26	1455CST			0	0			Hail (1.00)
Roseau County 3 NE Malung	26	1500CST 1510CST			0	0			Hail (0.75)
Roseau County 3 NE Malung	26	1500CST			0	0			Thunderstorm Wind (G61)
									Several large trees and tree limbs were blown down.
Lake Of The Woods County Angle Inlet	26	1511CST			0	0			Hail (1.00)
									The hail covered the ground.
Roseau County 1 W Pencer	26	1520CST			0	0			Hail (0.75)
Lake Of The Woods County Angle Inlet	26	1523CST			0	0			Hail (2.00)
Beltrami County 17 NW Fourtown	26	1535CST			0	0			Hail (1.00)
Marshall County 11 NE Gatzke	26	1535CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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, Northwest</u>									
Roseau County									
Skime	26	1535CST			0	0			Hail (1.00)
Polk County									
2 SE Fertile	26	1542CST			0	0			Hail (0.75)
Beltrami County									
Pennington	26	1545CST			0	0			Thunderstorm Wind (G61)
Norman County									
2 NE Flaming	26	1545CST			0	0			Hail (1.00)
Mahnomen County									
4 NW Mahnomen	26	1555CST			0	0			Hail (0.88)
		The hail covered the ground.							
Clearwater County									
5 S Bagley	26	1607CST			0	0			Hail (0.88)
Norman County									
1 W Flom	26	1753CST			0	0			Hail (0.88)
Becker County									
1 E Detroit Lakes	26	1819CST			0	0			Hail (1.00)
Otter Tail County									
4 NE Vergas	26	1835CST			0	0			Hail (0.75)
Otter Tail County									
Dent	26	1852CST			0	0			Hail (0.75)
Otter Tail County									
1 S Ottertail	26	1900CST			0	0			Hail (1.00)
Otter Tail County									
4 NE Amor	26	1903CST	0.5	25	0	0			Tornado (F0)
		1905CST							
		A weak tornado touched down on Dead Lake and tracked southward for about one-half of a mile. The tornado moved onto the lake shore north of Basswood and northeast of Amor.							
Otter Tail County									
4 NE Amor	26	1904CST			0	0			Hail (1.75)
Otter Tail County									
6 W Ottertail	26	1908CST			0	0			Hail (2.00)
		The hail fell near Walker Lake.							
Otter Tail County									
Battle Lake	26	1925CST			0	0			Funnel Cloud
		A persistent wall cloud with funnel was reported between Battle Lake and Clitheral.							
Marshall County									
12 E Stephen	30	1915CST			0	0			Hail (0.75)
Polk County									
4 NNW Fisher	30	2150CST			0	0			Thunderstorm Wind (G52)
Wilkin County									
2 N Lawndale	30	2225CST			0	0			Thunderstorm Wind (G55)
		Several large tree limbs were blown down.							
Grant County									
6 NE Elbow Lake	30	2255CST			0	0			Thunderstorm Wind (G55)
		A large tree was split in two by the strong wind.							
Otter Tail County									
7 S Perham	30	2258CST			0	0			Thunderstorm Wind (G60)
		Many large trees were blown down near Round Lake.							
Otter Tail County									
5 N New York Mills	30	2314CST			0	0			Thunderstorm Wind (G60)
		Many large trees were uprooted or snapped off by the strong wind.							

MINNESOTA, Southeast

Dodge County
Claremont

06 0100CST 0 1 400K Lightning

Lightning struck the steeple of a church building, causing a fire, which eventually burned the entire structure to the ground. A firefighter was seriously injured when a wall collapsed on him.

Storm Data and Unusual Weather Phenomena

June 2006

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, Southeast</u>									
Dodge County									
4 N Hayfield	14	0750CST			0	0			Hail (0.75)
Mower County									
5 E Grand Meadow	14	0928CST			0	0			Hail (0.75)
Fillmore County									
Spring Vly	14	0935CST			0	0			Hail (0.88)
Hail the size of pennies and nickels was reported by storm spotters and the public.									
<u>MINNESOTA, Southwest</u>									
Lyon County									
2 N Taunton	13	1520CST			0	0			Hail (0.75)
Rock County									
8 S Magnolia	20	0233CST			0	0			Hail (1.75)
Large hail caused crop damage. The amount of crop damage was not known.									
Nobles County									
3 NNW Ellsworth	20	0240CST			0	0			Hail (1.75)
Large hail, mostly of nickel to quarter size, but with some of golf ball size, covered the ground and caused crop damage. The amount of crop damage was not known.									
Nobles County									
4 N Ellsworth	20	0245CST			0	0			Hail (1.75)
Nobles County									
1 NW Ellsworth	20	0246CST			0	0			Hail (1.00)
Lincoln County									
5 W Lake Benton	20	0345CST			0	0			Hail (1.50)
Large hail was mostly nickel size with a few larger stones.									
Jackson County									
6 N Jackson	20	0410CST			0	0			Hail (0.75)
Lincoln County									
1 E Tyler	20	0428CST			0	0			Hail (0.75)
Lincoln County									
Tyler	20	0430CST			0	0			Hail (0.75)
Lyon County									
7 N Ghent	23	1650CST			0	0			Hail (1.00)
Lyon County									
4 NE Minneota	23	1655CST			0	0			Hail (0.75)
Lyon County									
2 N Marshall	23	1705CST			0	0			Hail (1.00)
Lyon County									
4 NE Marshall	23	1710CST 1720CST			0	0			Hail (0.75)
Lyon County									
5 SE Marshall	23	1720CST			0	0			Hail (1.00)
Lyon County									
4 SE Marshall	23	1720CST 1735CST			0	0			Hail (1.00)
Large hail covered the ground in places and damaged crops. The hail fell in a band 2 to 4 miles wide from northwest to southeast. Damage to corn and soybean crops was total along the center of the band, with less severe damage near the edges. The amount of crop damage could not be determined because of the uncertainty of the degree of recovery of the crops. However, it was known that thousands of acres were affected.									
Lincoln County									
1 E Arco to Tyler	24	1229CST 1243CST			0	0			Hail (1.00)
Large hail covered the ground in places and caused damage to corn and soybean crops. Some of the damage appeared to be severe, but the amount of crop damage could not be determined because of the uncertainty of the degree of recovery of the crops. Several thousand acres of crops were affected.									
Lincoln County									
7 W Lake Benton	24	1230CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds snapped off a blade of a wind turbine.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MINNESOTA, Southwest</u>									
Lyon County Marshall	24	1254CST			0	0			Hail (0.75)
Lyon County Russell	24	1256CST			0	0			Hail (0.88)
			Large hail damaged crops. The amount of crop damage was not known.						
Pipestone County 11 N Pipestone	24	1304CST			0	0			Hail (0.88)
Pipestone County 4 NW Holland	24	1310CST			0	0			Hail (1.00)
Pipestone County 4 N Holland	24	1312CST			0	0			Hail (0.88)
			Large hail damaged crops in an area roughly 6 miles square. Some crops, especially soybeans, were expected to be a total loss, while corn crops were expected to have a better chance of recovery. The amount of crop damage could not be determined.						
Lyon County 1 N Balaton	24	1313CST			0	0			Hail (0.88)
Pipestone County Pipestone	24	1317CST			0	0			Hail (0.75)
Murray County 8 N Currie	24	1318CST			0	0			Hail (1.75)
			Large hail caused an unknown amount of crop damage.						
Murray County 9 NE Currie	24	1320CST			0	0			Hail (0.88)
Murray County 6 NNE Currie	24	1323CST 1331CST			0	0			Hail (1.00)
Murray County 8 NNE Currie	24	1333CST			0	0			Hail (1.00)
			Large hail damaged corn and soybean crops. The amount of damage was not known.						
Pipestone County 9 SSW Pipestone	24	1343CST			0	0			Hail (0.75)
Pipestone County 3 W Edgerton	24	1345CST			0	0			Hail (0.88)
Pipestone County Edgerton	24	1349CST			0	0			Hail (0.88)
Pipestone County 2 S Edgerton	24	1350CST			0	0			Hail (0.88)
			Large hail damaged crops in a roughly 3 mile square area near and west of Edgerton. Both corn and soybean crops were stripped in places. Corn crops were expected to have a better chance of recovery than soybeans, and it was judged too late to replant soybean crops that were deemed a total loss. The amount of crop damage could not be determined because of the uncertain degree of recovery.						
Rock County 6 NE Hardwick	24	1350CST			0	0			Hail (0.88)
Nobles County 4 NNE Lismore	24	1352CST			0	0			Hail (0.88)
Rock County 4 W Beaver Creek	24	1423CST			0	0			Hail (0.88)
Nobles County Ellsworth	24	1452CST			0	0			Hail (0.75)
<u>MINNESOTA, West</u>									
			NONE REPORTED.						
<u>MINNESOTA, West Central</u>									
Traverse County 7 E Browns Vly	04	1635CST			0	0			Hail (0.88)
Traverse County 13 N Wheaton	05	1418CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Traverse County 4 SW Collis	14	0604CST			0	0			Hail (1.00)
Big Stone County 1 NE Johnson	14	0620CST 0630CST			0	0			Hail (1.75)
Traverse County 9 NNW Wheaton	30	2230CST			0	0			Thunderstorm Wind (G61)
			Large branches were downed by high winds.						
Traverse County 10 N Wheaton	30	2230CST			0	0			Thunderstorm Wind (G52)
			Large branches were downed by high winds.						
<u>MISSISSIPPI, Central</u>									
Leake County Madden	12	1700CST			0	0	1K		Thunderstorm Wind (G50)
			Several trees were blown down.						
Clarke County 5 SW Quitman	12	1753CST			0	0	5K		Thunderstorm Wind (G55)
			Several trees were blown down.						
Madison County 3 NW Camden	17	1445CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down.						
Warren County Oak Ridge	17	1645CST			0	0	50K		Thunderstorm Wind (G60)
			Numerous trees were blown down along with several power lines.						
Rankin County Florence	17	1820CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down.						
Humphreys County 4 SW Louise	21	1453CST 1457CST			0	0			Hail (0.88)
Sharkey County 10 ESE Anguilla	21	1453CST 1457CST			0	0			Hail (0.88)
Grenada County 9 E Grenada	21	1533CST 1538CST			0	0			Hail (1.00)
Leflore County 3 N Itta Bena	21	1643CST 1648CST			0	0			Hail (1.00)
Montgomery County 4 E Kilmichael	21	1650CST			0	0			Hail (1.00)
Attala County 6 N Hesterville to 9 N Hesterville	21	1712CST 1729CST			0	0			Hail (1.00)
Carroll County 5 SE Vaiden to 3 E Vaiden	21	1720CST 1738CST			0	0			Hail (1.00)
Carroll County 4 N Vaiden	21	1730CST			0	0	40K		Thunderstorm Wind (G58)
			The roof of a well build shed was blown off and numerous trees were blown down around the area.						
Bolivar County 3 SW Cleveland	21	1815CST 1820CST			0	0			Hail (1.00)
Clay County 11 W West Pt to 13 W West Pt	21	1820CST 1825CST			0	0			Thunderstorm Wind (G50)
			Several trees were blown down.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Webster County 2 NW Mathiston	22	1512CST 1518CST			0	0			Hail (0.75)
Leake County 4 N Walnut Grove	23	1330CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down across a road.						
Oktibbeha County Starkville	23	1404CST			0	0			Thunderstorm Wind (G60)
Oktibbeha County Starkville	23	1420CST			0	0			Hail (0.88)
Clarke County 4 N Enterprise to 2 W Enterprise	23	1436CST 1445CST			0	0			Hail (0.75)
Lauderdale County 11 SW Meridian	23	1436CST 1440CST			0	0			Hail (0.75)
Clarke County Enterprise	23	1440CST			0	0	20K		Thunderstorm Wind (G55)
			Several trees and power lines were blown down around Enterprise.						
Jones County 5 N Laurel to 4 N Laurel	23	1525CST 1530CST			0	0	50K		Thunderstorm Wind (G60)
			Numerous trees and large limbs were blown down along with one barn damaged.						
Forrest County Hattiesburg	23	1535CST			0	0	20K		Thunderstorm Wind (G53)
			Several trees and power lines were blown down.						
Jones County 7 SW Laurel	23	1540CST			0	0			Hail (0.75)
Jones County 5 SW Laurel	23	1545CST			0	0	10K		Thunderstorm Wind (G58)
			Numerous trees were blown down.						
Jones County 2 N Ellisville	23	1610CST			0	0	50K		Thunderstorm Wind (G58)
			Numerous trees and power lines were blown down.						
Jones County 7 W Laurel	23	1610CST			0	0	10K		Thunderstorm Wind (G53)
			A few trees and power lines were blown down.						
Covington County 8 E Collins	23	1620CST			0	0	10K		Thunderstorm Wind (G50)
			A few trees and power lines blown down.						
Lamar County Sumrall	23	1650CST			0	0			Thunderstorm Wind (G53)
			A few trees were blown down around Sumrall.						
Marion County Columbia	23	1714CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down.						
Noxubee County Paulette	24	1301CST 1305CST			0	0			Hail (0.75)
<u>MISSISSIPPI, North</u>									
Lee County 1 N Nettleton	01	1735CST 1740CST			0	0	2K		Thunderstorm Wind (G50)
			Straight line winds knocked down tree limbs and signs 1 mile north of Nettleton.						
Pontotoc County 5 S Pontotoc	01	1952CST 1957CST			0	0	3K		Thunderstorm Wind (G50)
			Pontotoc Sheriff's Office reported straight line winds that knocked down trees along Highway 15 5 miles south of Pontotoc.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Yalobusha County									
Coffeerville	21	1647CST 1652CST			0	0	2K		Thunderstorm Wind (G50)
A few trees and power lines were knocked down by straight line winds in Coffeerville.									
<u>MISSISSIPPI, South</u>									
Pike County									
Osyka	01	1340CST			0	0	3K		Thunderstorm Wind (G50)
Thunderstorm winds blew a tree down on a house and caused damage to the roof of another house.									
Jackson County									
6 NE Ocean Spgs	23	1400CST			0	0			Hail (1.00)
One inch diameter hail was reported near Fort Bayou and Antioch.									
Jackson County									
Pascagoula	23	1412CST			0	0			Hail (0.88)
Hancock County									
Kiln	23	1630CST			0	0			Hail (0.75)
Penny to dime size hail was reported.									
<u>MISSISSIPPI, Southeast</u>									
Stone County									
Ramsey Spgs	02	1930CST 1932CST			0	0	10K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down trees and power lines near Ramsey Springs.									
Perry County									
Janice	23	1515CST 1517CST			0	0			Hail (1.75)
Golfball size hail fell from a thunderstorm near Janice. No damage was reported as most of the hail fell over forest land.									
<u>MISSOURI, East</u>									
Montgomery County									
Countywide	01	1330CST 1800CST			0	0			Flash Flood
Two to four inches of rain fell over Montgomery County in less than two hours, causing numerous roads to become flooded. Some flooding was reported at the junction of County Highways J and N near Mineola and portions of Hwy J south of Mineola. Also, State Hwy 19 south of Montgomery City was flooded, as well as State Hwy 161 between Montgomery City and Danville.									
St. Charles County									
Wentzville	03	1620CST			0	0			Hail (0.75)
St. Charles County									
Wentzville	03	1640CST			0	0			Hail (0.75)
St. Charles County									
3 S O Fallon	03	1650CST			0	0			Hail (0.75)
St. Louis County									
Chesterfield	03	1645CST			0	0			Hail (0.75)
St. Louis County									
1 S Ballwin	03	1715CST			0	0			Hail (0.75)
Boone County									
Hallsville	10	1602CST 1605CST			0	0			Hail (0.88)
Audrain County									
9.6 SW Mexico	10	1620CST			0	0			Hail (0.88)
Audrain County									
8 SW Mexico	10	1620CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds blew down several power lines onto County Road HH.									
Callaway County									
Auxvasse	10	1630CST			0	0			Hail (1.00)
Callaway County									
4 NE Auxvasse	10	1630CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds blew down numerous large trees 3 miles east of US 54 near the Callaway/Audrain county line. Several of the trees caused moderate damage to a house and destroyed an unoccupied van. No injuries were reported.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, East</u>									
Boone County									
Columbia	10	1650CST 1705CST			0	0			Hail (0.88)
Large hail fell for 15 minutes in and around the city of Columbia.									
Boone County									
4 W Columbia	10	1705CST			0	0			Hail (1.00)
Montgomery County									
2 SE New Florence to 1 WNW High Hill	10	1650CST 1652CST	1.3	60	0	0			Tornado (F0)
A tornado formed just south of Interstate 70 destroying several large power poles. The tornado moved east, crossing I-70 and damaging a barn about 75 yards north of the highway.									
Callaway County									
.2 N Shamrock to .5 SE Shamrock	10	1655CST 1657CST	1	75	0	0			Tornado (F0)
A small tornado formed just north of Shamrock on the west side of Highway B. At this location one home sustained minor roof damage. The tornado moved southeast crossing Highway B and damaged two machine sheds and downed several large trees. Further southeast a barn was completely destroyed. A man observed the tornado from a tractor while the tornado was in this area. The last damage noted was several large trees downed near County Road 1037.									
Montgomery County									
Montgomery City	10	1715CST			0	0			Hail (1.00)
Montgomery County									
Montgomery City	10	1715CST			0	0			Thunderstorm Wind (G52)
Numerous large tree branches were blown down around town.									
Montgomery County									
New Florence	10	1720CST			0	0			Hail (0.88)
Callaway County									
7 WNW Fulton	10	1735CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds blew down several trees and power lines on Route F between Route KK and Route WW.									
Boone County									
Columbia	10	1745CST 1750CST			0	0			Hail (0.75)
Boone County									
Columbia	10	1801CST			0	0			Hail (1.00)
One inch hail was reported at Smiley Road just north of I-70.									
Boone County									
(Cou) Columbia Rgnl A	10	1813CST			0	0			Thunderstorm Wind (G64)
Boone County									
Ashland	10	1815CST			0	0			Thunderstorm Wind (G60)
Numerous trees were blown down around town.									
Warren County									
4 W Warrenton	10	1750CST			0	0			Hail (1.00)
Warren County									
1 W Treloar	10	1800CST			0	0			Thunderstorm Wind (G52)
Warren County									
Warrenton	10	1805CST			0	0			Hail (1.00)
Montgomery County									
7 W Rhineland	10	1810CST 1815CST			0	0			Hail (0.75)
Montgomery County									
Rhineland	10	1820CST			0	0			Hail (0.75)
Lincoln County									
Troy	10	1815CST			0	0			Thunderstorm Wind (G50)
Several large tree limbs were blown down.									
Franklin County									
New Haven	10	1850CST			0	0			Hail (0.75)
Franklin County									
New Haven	10	1850CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Franklin County									
5 ESE Washington	10	1905CST			0	0			Thunderstorm Wind (G52)
Several large tree limbs were blown down onto Highway 100.									
St. Louis County									
1 W St Louis Spirit Of	10	1940CST			0	0			Thunderstorm Wind (G55)
A large tree was blown down onto Eatherton Road one mile west of Spirit of St. Louis Airport.									
Cole County									
Jefferson City	10	1945CST			0	0			Hail (0.75)
Callaway County									
Holts Summit	10	1950CST			0	0			Hail (0.88)
Callaway County									
Jefferson City Arpt	10	1950CST			0	0			Hail (0.75)
Osage County									
Frankenstein	10	2015CST			0	0			Hail (1.00)
Osage County									
Linn	10	2035CST			0	0			Hail (1.00)
Boone County									
6 W Columbia	10	2135CST			0	0			Hail (0.75)
Boone County									
Columbia	10	2150CST			0	0			Hail (0.75)
Boone County									
Columbia	10	2150CST			0	0			Hail (1.75)
Callaway County									
8 W Kingdom City	10	2148CST			0	0			Hail (1.75)
Audrain County									
1 W Mexico	10	2230CST			0	0			Hail (0.75)
Audrain County									
Mexico	10	2235CST			0	0			Hail (0.75)
Audrain County									
Mexico	10	2240CST			0	0			Hail (1.00)
Callaway County									
Countywide	11	0045CST 0730CST			0	0			Flash Flood
Two to five inches of rain fell over a short amount of time in Callaway county, mainly along the Interstate 70 corridor. Numerous roads were closed due to high water.									
Moniteau County									
Northwest Portion	11	0110CST 1050CST			0	0			Flash Flood
Two to five inches of rain fell over a short amount of time in northwestern portions of Monroe County, northwest of Paris. Numerous roads were closed due to high water including Highway J west of State Route 15, Highway A north of Highway J and Highway DD west of Highway A. Numerous streets in the town of Granville were flooded.									
Audrain County									
West Portion	11	0155CST 1020CST			0	0			Flash Flood
Two to five inches of rain fell over a short amount of time in western sections of Audrain County. Numerous roads were closed due to high water including Highway FF west of Mexico and Highway T west of Highway E. Several roads in Mexico were briefly flooded.									
Boone County									
Countywide	11	0205CST 0730CST			0	0			Flash Flood
Two to five inches of rain fell over a short amount of time in Boone county, mainly along the Interstate 70 corridor. Numerous roads were closed due to high water, especially on the northwest side of Columbia.									
Audrain County									
2.4 NW Thompson	22	1155CST 1200CST			0	0			Hail (0.88)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. Hail to nickel size fell for about 5 minutes, severely damaging a corn field. The hail nearly covered the ground. No injuries were reported.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
MISSOURI, East									
Audrain County 2.4 NW Thompson	22	1155CST 1200CST			0	0			Thunderstorm Wind (G61)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. An area of downburst winds occurred 1 to 2.5 miles north of the intersection of Missouri Route 22 and Highway E. Numerous large tree limbs were blown down as well as several trees. No injuries were reported.									
Audrain County 6.2 NNW Mexico	22	1204CST 1206CST			0	0			Hail (1.00)
Audrain County 6.2 NNW Mexico to 3.5 S Vandalia	22	1204CST 1245CST			0	0			Thunderstorm Wind (G78)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. A large area of downburst winds extended from 6.2 miles north northwest of Mexico to 3.5 miles south of Vandalia. The most intense damage occurred 6.2 miles north northwest of Mexico along Missouri Route 15. Numerous trees were uprooted as well as numerous large tree limbs. One home in this area sustained minor roof damage due to fallen limbs. Additional tree and crop damage occurred as the storm moved to the east. Also, several power poles were snapped in half in Laddonia. The width of the damage swath was about two miles wide for the entire path length. No injuries were reported.									
Audrain County 6.4 NNW Mexico	22	1205CST 1206CST	0.1	40	0	0			Tornado (F0)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. The first of four tornadoes in Audrain County briefly touched down 6.4 miles north northwest of Mexico, about three quarters of a mile west of Route 15 and just south of Highway T. Several large trees were uprooted or snapped off along the tenth of mile damage path. Some of the branches caused minor damage to the roof and side of a home and a machine shed. No injuries were reported.									
Audrain County 5.6 NNW Mexico to 5.6 N Mexico	22	1207CST 1209CST	1	50	0	0			Tornado (F1)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. The second of four tornadoes in Audrain County briefly touched down 5.6 miles north northwest of Mexico, about half a mile east of Route 15. A large machine shed was totally destroyed with debris from the shed displaced 300 yards to the east. Numerous trees were blown down and a home sustained moderate roof damage. The tornado traveled to the east for about a mile before lifting and dissipating. No injuries were reported.									
Audrain County 6 N Mexico	22	1210CST 1211CST	0.3	50	0	0			Tornado (F0)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. The third of four tornadoes in Audrain County briefly touched down 6.0 miles north of Mexico, about 1.2 miles east of Route 15. A grain bin was destroyed and several large trees were topped along the quarter of a mile path. No injuries were reported.									
Audrain County Laddonia	22	1225CST			0	0			Hail (0.75)
Audrain County 1 NE Laddonia to .6 NE Farber	22	1225CST 1230CST	3.5	50	0	0			Tornado (F0)
A severe storm with downburst winds, hail and several tornadoes moved through Audrain County. The last of four tornadoes in Audrain County touched down 1 mile northeast of Laddonia, in an open field. As it traveled to the northeast it moved into the southwest portions of Farber. It blew down several large trees and numerous tree limbs in town. One tree severely damaged the roof of a home in Farber. The tornado lifted and dissipated about six tenths of a mile northeast of Farber, near U.S. Route 54. No injuries were reported.									
Pike County 1.5 W Estes to Ashley	22	1250CST 1315CST			0	0			Thunderstorm Wind (G61)
A severe thunderstorm moved across Pike County, causing wide spread wind damage from west of Estes to Ashley. Numerous trees and large tree limbs were blown down along the damage path. No injuries were reported.									
Pike County 3 NW New Hartford	22	1300CST			0	0			Hail (0.75)
Pike County Ashley	22	1315CST	0.3	50	0	0			Tornado (F0)
A tornado briefly touched down in the small town of Ashley. It blew down several trees and large tree limbs. The community center sustained minor shingle damage and an old machine shed on the west side of town had minor damage. No injuries were reported.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, East</u>									
Gasconade County									
4 E Drake	22	1405CST			0	0			Thunderstorm Wind (G52)
									Several tree limbs were blown down and some small trees were uprooted.
Franklin County									
7 SW New Haven	22	1415CST			0	0			Thunderstorm Wind (G52)
									Several large tree limbs were blown down.
Franklin County									
1 E New Haven	22	1420CST			0	0			Thunderstorm Wind (G60)
									A semi was blown over on Missouri Route 100 east of New Haven.
Ralls County									
Hutchinson	27	1605CST			0	0			Hail (0.88)
St. Louis County									
3 SE Hazelwood	27	1840CST 1845CST			0	0			Hail (1.00)
									Nickel to quarter size hail fell for 5 minutes and covered the ground.
Montgomery County									
Wellsville	28	2035CST			0	0			Thunderstorm Wind (G52)
									Several power lines were blown down in Wellsville.
Franklin County									
1 E Union	28	2155CST			0	0			Hail (1.75)
Jefferson County									
De Soto	28	2230CST			0	0			Hail (0.88)
Washington County									
Old Mines	28	2305CST			0	0			Hail (0.88)
Shelby County									
2 E Leonard	30	0710CST			0	0			Hail (0.75)
<u>MISSOURI, Lower</u>									
Dunklin County									
Kennett	18	1730CST 1830CST			0	0	0.01K		Flash Flood
									Heavy rain caused 50 percent of the streets in Kennett to be impassable from flooding.
Pemiscot County									
Concord	22	0527CST 0532CST			0	0	5K		Thunderstorm Wind (G50)
									Straight line winds caused damage to a mobile home and uprooted a tree near Concord.
<u>MISSOURI, Northeast</u>									
Clark County									
4.5 WNW Anson	22	0324CST 0329CST			0	0			Thunderstorm Wind (G52)
									3 inch diameter branch broken. An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.
<u>MISSOURI, Northwest</u>									
Bates County									
5 E Adrian	01	1815CST 2015CST			0	0			Flash Flood
									Several roads under water due to heavy rains. 1 foot of water reported over Highway 18 1/2 mile east of County Road KK.
Bates County									
Rich Hill	05	2105CST			0	0			Hail (0.88)
Livingston County									
6 W Spring Hill	06	1655CST			0	0			Hail (1.75)
Linn County									
10 N Brookfield	06	1755CST			0	0			Thunderstorm Wind (G52)
Linn County									
Brookfield	06	1805CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Northwest									
Linn County									
Brookfield	06	1810CST			0	0			Thunderstorm Wind (G52)
Lafayette County									
3 SW Higginsville	06	2003CST			0	0			Hail (0.75)
Howard County									
New Franklin	10	1613CST			0	0			Hail (1.00)
Howard County									
New Franklin	10	1630CST			0	0			Hail (0.88)
Cooper County									
Boonville	10	1621CST			0	0			Hail (0.88)
Cooper County									
7 E Boonville	10	1625CST			0	0			Hail (0.75)
Cooper County									
Bunceton	10	1710CST			0	0			Hail (1.00)
Pettis County									
Smithton	10	1750CST			0	0			Hail (1.00)
Pettis County									
Smithton	10	1820CST			0	0			Hail (1.25)
Pettis County									
4 S Smithton	10	1825CST			0	0			Hail (1.50)
Jackson County									
Sugar Creek	10	2143CST			0	0			Hail (1.00)
Jackson County									
7 S Kansas City	10	2146CST			0	0			Hail (0.88)
Jackson County									
5 S Kansas City	10	2202CST			0	0			Hail (0.75)
Clay County									
Liberty	10	2145CST			0	0			Hail (1.75)
Ray County									
Richmond	10	2223CST			0	0			Hail (0.88)
Johnson County									
Fayetteville	10	2224CST			0	0			Hail (1.50)
Johnson County									
5 N Warrensburg	10	2231CST			0	0			Hail (0.88)
Daviess County									
5 N Winston	10	2300CST			0	0			Hail (0.75)
Macon County									
3 SW Atlanta	10	2305CST			0	0			Hail (1.00)
Mercer County									
6 S Princeton	10	2349CST			0	0			Hail (0.75)
Mercer County									
Princeton	10	2349CST			0	0			Hail (0.75)
Daviess County									
Pattonsburg	11	0006CST			0	0			Hail (1.75)
Macon County									
Macon	11	0200CST 0600CST			0	0			Flash Flood
		Street flooding reported in Macon. 10 inches of flowing water reported over roads.							
Macon County									
Elmer	11	0325CST 0625CST			0	0			Flash Flood
		3 feet of water covering Highway F between Ethel and Elmer.							
Worth County									
Sheridan	21	2330CST			0	0			Hail (0.75)
De Kalb County									
Union Star	21	2332CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Macon County									
Ethel	22	0426CST			0	0			Hail (0.75)
Cass County									
4 SE Garden City	22	1129CST			0	0			Hail (0.88)
Cass County									
3 E Dayton	22	1130CST			0	0			Hail (1.75)
Cass County									
Creighton	22	1138CST			0	0			Hail (1.00)
Cass County									
Creighton	22	1143CST			0	0	25K		Hail (2.50)
Harrison County									
Ridgeway	27	1645CST			0	0			Hail (0.75)
Worth County									
Grant City	27	1733CST			0	0			Hail (0.75)
Carroll County									
8 NW Bogard	27	1917CST			0	0			Hail (0.75)
<u>MISSOURI, Southeast</u>									
Stoddard County									
Advance	01	1822CST 1823CST			0	1	71K		Thunderstorm Wind (G56)
A thunderstorm downburst containing winds estimated near 65 MPH moved northeast across the community of Advance. The damage path was about 3/4 mile long and 440 yards wide. Numerous large tree limbs and a couple of trees were downed, resulting in damage to power lines. Metal facades were damaged or blown off several buildings. A couple of businesses suffered damage to their roofs. An empty semi-trailer, a storage shed, and a wooden fence were blown over. A framed sign and the glass doors of a supermarket were blown out. Some vehicles were damaged by flying debris. A woman was slightly injured when some roof awning panels blew off and wrapped around her vehicle.									
Scott County									
Vanduser	22	1820CST			0	0	3K		Thunderstorm Wind (G50)
Several large tree limbs were blown down. Minor damage to roofs was reported on the western side of town.									
<u>MISSOURI, Southwest</u>									
Mcdonald County									
Pineville	01	1640CST 1900CST			0	0			Flash Flood
Thunderstorms containing heavy rainfall caused flash flooding over city streets in Pineville. The Emergency Manager had measured two inches of rain within a 30 minute period.									
Dade County									
Lockwood	04 05	2304CST 2304CST			0	0			Hail (0.75)
Mcdonald County									
5 S Goodman	05	0500CST			0	0			Hail (1.75)
Mcdonald County									
3 S Goodman	05	0505CST			0	0			Hail (0.75)
Jasper County									
2 NW Sarcxie	05	0545CST			0	0			Hail (0.75)
Vernon County									
2 NW Walker	05	2128CST			0	0			Thunderstorm Wind (G50)
Vernon County									
Walker	05	2132CST			0	0			Thunderstorm Wind (G50)
Severe thunderstorm wind gusts downed a large tree.									
Vernon County									
2 E Walker	05 06	2200CST 0100CST			0	0			Flash Flood
A section of Highway EE became impassable from flash flooding.									
Morgan County									
5 NNW Florence	10	1842CST			0	0			Hail (1.75)
Douglas County									
5 N Ava	16	1625CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, Southwest</u>									
Jasper County									
2 SE Asbury	17	2100CST 2330CST			0	0			Flash Flood
									Heavy rain caused flash flooding over a section of Highway N and also over a section of County Road 270.
Benton County									
5 S Cole Camp	22	0145CST			0	0			Thunderstorm Wind (G50)
Polk County									
Bolivar	22	1035CST			0	0	10K		Thunderstorm Wind (G50)
									Severe thunderstorm wind gusts downed a large tree onto a roof which caused damage.
Morgan County									
Gravois Mills	22	1126CST			0	0			Hail (0.75)
Greene County									
10 W Springfield	22	1140CST			0	0			Hail (0.75)
Greene County									
Springfield	22	1209CST			0	0			Thunderstorm Wind (G50)
Miller County									
Eldon	22	1209CST			0	0	5K		Thunderstorm Wind (G55)
									Severe thunderstorm wind gusts downed several trees and power lines.
Taney County									
5 N Rueter	22	1320CST			0	0			Thunderstorm Wind (G50)
Benton County									
3 S Lincoln	22	1325CST			0	0			Thunderstorm Wind (G50)
Ozark County									
Wasola	22	1345CST			0	0			Thunderstorm Wind (G50)
									Severe thunderstorm wind gusts downed a few trees near Wasola.
Phelps County									
Rolla	22	1345CST			0	0			Thunderstorm Wind (G50)
									Severe thunderstorm wind gusts downed a few trees along Highway 63 within the city limits.
Phelps County									
Rolla	22	1345CST			0	0			Thunderstorm Wind (G60)
Taney County									
Protem	22	1350CST			0	0	5K		Thunderstorm Wind (G50)
									Several powerlines had to be repaired from large trees blowing down onto them.
Ozark County									
4 W Isabella	22	1400CST			0	0	5K		Thunderstorm Wind (G55)
									Severe thunderstorm wind gusts downed a few powerlines.
Douglas County									
10 SE Ava	22	1400CST			0	0	5K		Thunderstorm Wind (G55)
									Severe thunderstorm wind gusts downed powerlines in the Sweden area.
Ozark County									
Gainesville	22	1445CST			0	0			Thunderstorm Wind (G50)
Texas County									
1 W Summersville	25	1510CST			0	0			Hail (0.88)
Shannon County									
12 WNW Alley Spg	25	1520CST			0	0			Hail (0.75)
Shannon County									
1 N Birch Tree	25	1545CST			0	0			Hail (0.75)
Camden County									
2 NW Camdenton	27	1535CST			0	0			Thunderstorm Wind (G50)
									Severe thunderstorm wind gusts downed a large tree over County Road 578.
Camden County									
8 SSE Camdenton	27	1550CST			0	0			Hail (0.88)
<u>MONTANA, Central</u>									
Lewis And Clark County									
Silver City	04	1430MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MONTANA, Central</u>									
Cascade County Ulm	04	1507MST			0	0			Thunderstorm Wind (G52)
Cascade County 1 NE Black Eagle	04	1515MST			0	0			Funnel Cloud
Gallatin County Bozeman	04	1537MST			0	0			Thunderstorm Wind (G52)
Pondera County Conrad	04	1540MST			0	0			Thunderstorm Wind (G52)
Cascade County 15 NE Tracy	04	1545MST			0	0			Thunderstorm Wind (G52)
Chouteau County Floweree	04	1548MST			0	0			Thunderstorm Wind (G52)
Judith Basin County 2 SE Raynesford	04	1553MST			0	0			Thunderstorm Wind (G52)
Liberty County 15 SW Chester	04	1610MST			0	0			Thunderstorm Wind (G52)
Teton County Dutton	04	1613MST			0	0			Thunderstorm Wind (G61)
Hill County 15 S Inverness	04	1620MST			0	0			Thunderstorm Wind (G52)
Toole County 7 NE Dunkirk	04	1630MST			0	0			Thunderstorm Wind (G54)
Chouteau County 13 E Geraldine	04	1635MST			0	0			Thunderstorm Wind (G52)
Fergus County Lewistown Muni Arpt	04	1640MST			0	0			Thunderstorm Wind (G55)
Hill County Havre City Co Arpt	04	1709MST			0	0			Thunderstorm Wind (G66)
Fergus County 1 E Roy	04	1721MST			0	0			Thunderstorm Wind (G56)
Blaine County 1 E Chinook	04	1740MST			0	0			Thunderstorm Wind (G52)
Blaine County 7 W Hogeland	04	1835MST			0	0			Thunderstorm Wind (G52)
Severe thunderstorms occurred across a large portion of North Central Montana on the 4th. Reported wind gusts include: 76 mph at Havre, 71 mph at Great Falls and Inverness 1W, 66 mph at Hobson, 65 mph at Loma 1N, 64 mph at Roy 1E and at Great Falls 3SW, 63 mph at Cut Bank 3SW and Lewistown 2W, 62 mph at Dunkirk 7NE, 61 mph at Hays 19SW, and 60 mph at Silver City, Craig 5N, Ulm, Cascade 25SE, Bozeman, Conrad, Raynesford 2SE, Chester 15SW, Inverness 15S, Geraldine 13E, Roy 25NE, Chinook 1E, and Hogeland 7W. These storms caused damage to numerous trees as well as some structural damage. The roof of a pizza restaurant in Lewistown was torn off and a ranch home northwest of Hobson had a metal fence blown threw a picture window. Power lines were also downed resulting in some interruption of service.									
Additionally, a funnel cloud was reported by law enforcement at Black Eagle 1NE with no damage sustained.									
Beaverhead County 4 NE Grant	07	1416MST			0	0			Hail (0.75)
Madison County 10 N Sheridan	07	1628MST			0	0			Hail (1.00)
Severe thunderstorms dropped 1 inch diameter hail at Sheridan 10N and .75 inch diameter hail at Grant 4NE.									
Fergus County Hilger	08	1508MST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm produced a wind gust to 60 mph at Hilger.									
Beaverhead County Dillon Arpt	09	1145MST			0	0			Hail (1.00)
A severe thunderstorm dropped 1 inch diameter hail at the Dillon airport. The hail damaged a King Air 210 parked on the tarmac as well as tearing the fabric of another plane. Damage estimates were unknown.									
Glacier County 15 SW Browning	13	1837MST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

MONTANA, Central

Teton County

6 N Fairfield 13 1852MST 0 0 **Hail (1.75)**

Glacier County

15 W Cutbank 13 1943MST 10 100 0 0 **Tornado (F1)**

Pondera County

10 E Heart Butte 13 2000MST 0 0 **Hail (2.00)**

Glacier County

Babb 13 2045MST 0 0 **Hail (1.00)**

Severe thunderstorms occurred along the Northern Rocky Mountain Front during the evening hours of the 13th. Reports include: 2 inch diameter hail at Heart Butte 10E, 1.75 inch diameter hail at Fairfield 6N, 1 inch diameter hail at Babb, .88 inch diameter hail at Browning 15SW and .75 inch diameter hail at Two Medicine.

A tornado was reported by law enforcement and photographed by the public 15 miles west of Cut Bank. The tornado remained generally over rural areas and caused no injuries. The tornado, and associated hail, did cause structural damage to corrals, barns and out buildings. A small trailer home was also destroyed along with its contents. Several roads were blocked for a few hours as crews removed fallen trees. Overall damage estimates are unknown.

Lewis And Clark County

Silver City 29 1546MST 0 0 **Thunderstorm Wind (G54)**

A severe thunderstorm produced a wind gust to 62 mph at Silver City.

MONTANA, East

Roosevelt County

1.5 SW Wolf Pt 04 1945MST
2000MST 0 0 **Hail (0.75)**

Prairie County

6 N Fallon 04 2125MST 0 0 **Thunderstorm Wind (G54)**

Valley County

5 SW Hinsdale 14 0315MST 0 0 **Hail (1.00)**

Phillips County

10 NE Whitewater 14 0510MST 0 0 1K **Hail (0.50)**

The hail was accompanied by 30 to 35 mph wind and it caused damage to the siding on a house.

Phillips County

17 NNE Whitewater 14 0510MST 0 0 **Hail (0.75)**

Phillips County

21 SSW Malta 14 0715MST 0 0 **Hail (0.88)**

Phillips County

12 E Whitewater 14 0935MST
0945MST 0 0 **Hail (0.88)**

Phillips County

Malta 14 1030MST 0 0 **Hail (0.75)**

Phillips County

9 N Whitewater 14 1044MST
1054MST 0 0 **Hail (1.00)**

Phillips County

13 NNW Whitewater 14 1056MST
1106MST 0 0 **Hail (1.00)**

Prairie County

**11 SW Terry to
1 N Terry** 14 1612MST
1638MST 0 0 **Hail (1.75)**

A severe thunderstorm moved into southern Prairie county and developed into a line of thunderstorms as it raced off to the northeast at around 50 mph. The thunderstorms produced damage from about 12 miles southwest of Terry to 1 mile north of Terry. There were numerous reports of golfball sized hail. The largest hail reports were from Terry to 1 mile north of Terry.

Storm Data and Unusual Weather Phenomena

June 2006

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

Prairie County

11 SW Terry to
1 N Terry

14 1612MST
1645MST 0 0 120K Thunderstorm Wind (G77)

A severe thunderstorm moved into southern Prairie county and raced off to the northeast at 50 mph. As the storm first entered the county it produced wind damage 12 miles southwest of Terry at 5:12 pm. A National Weather employee reported a pole barn was significantly damaged at a family members home. The poles were pulled right out of the ground. A shed was also destroyed on the property. As the storm continued to track off to the northeast it produced wind gusts in excess of 80 mph. At 5:30 pm an 88 mph wind gust was measured in Terry. Numerous tree branches were downed in the area, and many homes had minor roof damage.

Dawson County

5 NW Glendive to
1 E Glendive

14 1705MST
1740MST 0 0 2M Thunderstorm Wind (G85)



Wind damage to the roof of a business. The damage was typical of what was observed in Glendive by the National Weather Service storm survey team.

A line of severe thunderstorms roared through the Glendive area and caused extensive damage. A National Weather Service storm survey was conducted, and it was determined that although there may have been funnel clouds in the area, all of the damage was caused by straight line winds of around 100 mph. The team first surveyed the damage just north of downtown, along the east bank of the Yellowstone River. Two trees, the largest of which was a 44 year old pine, were uprooted at a residence. Both trees were pushed leaning northeast onto and partially through the exterior wall and roof of the house. Throughout this area of the city, there were numerous other trees and branches taken down by the storm.

Widespread damage was observed throughout the West park area, across the Yellowstone River from downtown. Within the park, numerous trees and tree branches of 1 to 2 feet in diameter were uprooted and snapped. Not far from the park, the roof of an auto shop sustained heavy damage. On the southwest side of the Glendive area, a large, healthy tree with a 32-inch diameter trunk uprooted and fell through the corner of a residence, with the main trunk entering through the wall and roof of a bedroom. Farther southwest in the Berry subdivision, an entire garage of a residence appeared entirely dismantled by the winds, with some of the debris observed as far as a half mile downwind. The southwest side of one of the hangers at the Dawson County Community Airport was destroyed when large pieces of the exterior walls and sheet metal roof were blown out. A small plane and classic car both sustained heavy damage. From the airport, two large towers, carrying main power lines on a ridge between Dry Creek and Highway 200-S could be seen knocked down. More damage was observed to garages and roofing on Highway 200-S a few miles to the west of town. Another large tree also fell on a house in the Forest Park area. The wind speed was measured at 91 mph at the Glendive AWOS, and twenty minutes later the wind was still gusting to 75 mph, suggestive of sustained-duration, straight line winds.

Prairie County

Terry

14 1621MST 0 0 Thunderstorm Wind (G70)

Prairie County

Fallon

14 1645MST 0 0 Thunderstorm Wind (G83)

The wind gust was accompanied by sustained wind of 54 mph.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MONTANA, East</u>									
Dawson County 4 SE Lindsay	14	1650MST			0	0			Hail (1.75)
			The hail was accompanied by 1.5 inches of rain.						
Dawson County 4 SE Lindsay	14	1650MST			0	0			Thunderstorm Wind (G62)
McCone County 7 N Circle	14	1710MST			0	0			Thunderstorm Wind (G61)
Dawson County Bloomfield	14	1725MST			0	0			Thunderstorm Wind (G76)
Dawson County Bloomfield	14	1735MST			0	0			Hail (0.88)
Dawson County Bloomfield	14	1735MST			0	0			Thunderstorm Wind (G83)
Dawson County 10 S Lindsay	14	1750MST 1800MST			0	0	10K		Hail (2.00)
			Hail up to 2 inches in diameter fell for 10 minutes. The hail broke the windshield of a truck and damaged the roof of a house.						
Dawson County 10 S Lindsay	14	1750MST			0	0			Thunderstorm Wind (G52)
Roosevelt County Brockton	14	1800MST 1850MST			0	0			Heavy Rain
			2 inches of rain fell in less than an hour.						
Wibaux County Wibaux	14	1815MST			0	0			Thunderstorm Wind (G52)
Roosevelt County Poplar	14	1820MST			0	0			Thunderstorm Wind (G52)
Dawson County Bloomfield	14	1835MST			0	0			Thunderstorm Wind (G83)
Roosevelt County Brockton	14	1850MST			0	0			Thunderstorm Wind (G52)
			Trees downed on two houses.						
Phillips County 10 N Whitewater	22	1741MST			0	0			Hail (0.75)
Garfield County 12 WSW Jordan	30	1205MST			0	0			Thunderstorm Wind (G53)
Dawson County 7 NW Lindsay	30	1345MST			0	0			Hail (0.75)
Prairie County 11 NE Mildred	30	1405MST 1410MST			0	0			Hail (0.88)
Wibaux County 10 NW Carlyle	30	1440MST 1445MST			0	0			Hail (0.88)
Wibaux County 10 NW Carlyle	30	1440MST			0	0			Thunderstorm Wind (G52)
			Three inch diameter tree branches were downed.						
Prairie County 18 E Fallon	30	1515MST 1522MST			0	0			Hail (1.75)
Prairie County 18 E Fallon	30	1515MST			0	0			Thunderstorm Wind (G52)
			8 foot tall antique metal windmill knocked over by the wind.						
Wibaux County 5 W Carlyle	30	1551MST 1553MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
NOT RECEIVED.									
<u>MONTANA, West</u>									
Ravalli County									
Darby	04	1215MST 1218MST			0	0			Hail (0.75)
Powell County									
Garrison	04	1600MST			0	0			Thunderstorm Wind (G60)
Strong early afternoon storms struck Western Montana. Power poles were reported downed by strong winds near Garrison. Penny sized hail also fell over Darby.									
Flathead County									
Hungry Horse	13	1645MST			0	0			Hail (0.75)
Missoula County									
Condon	13	1700MST			0	0			Hail (2.00)
Mineral County									
2 SE Superior	13	1715MST			0	0			Hail (1.00)
Missoula County									
5 W Huson	13	1745MST			0	0			Hail (1.75)
Sanders County									
Paradise	13	1745MST			0	0			Hail (1.75)
Missoula County									
Huson	13	1750MST			0	0			Hail (2.00)
Missoula County									
Nine Mile	13	1755MST			0	0			Hail (1.00)
Lake County									
20 ENE Polson	13	1943MST			0	0			Hail (1.00)
Missoula County									
6 N Huson	13	1945MST			0	0			Hail (2.00)
Lake County									
25 ENE Polson	13	1959MST			0	0			Hail (1.00)
Flathead County									
4 ENE Bigfork	13	2006MST			0	0			Hail (0.75)
Flathead County									
Bigfork	13	2008MST 2009MST			0	0			Hail (0.88)
Lake County									
12 W Ronan	13	2017MST			0	0			Hail (0.75)
Lake County									
Moiese	13	2025MST			0	0			Thunderstorm Wind (G60)
Sanders County									
2 E Dixon	13	2045MST			0	0			Hail (0.75)
Lake County									
10 SW Polson	13	2100MST			0	0			Hail (0.75)
Flathead County									
7 N Bigfork	13	2105MST			0	0			Hail (0.75)
Silver Bow County									
8 S Silverbow	13	2200MST			0	0			Thunderstorm Wind (G60)
Flathead County									
West Glacier	13	2210MST			0	0			Hail (1.00)
Severe storms rolled across Western Montana bringing with it large hail that broke windshields, damaged roofs, and flattened crops. Some severe wind gusts were also reported including one that blew over three mature Douglas fir trees in the Silverbow area, and another that knocked tree branches onto power lines causing a power outage.									
MTZ002									
West Glacier Region									
	13	1800MST			0	0			Landslide
Thunderstorms brought heavy rains which caused 10 mudslides across Going to the Sun Road in Glacier National Park.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MONTANA, West</u>									
Flathead County									
4 NE Bigfork	15	2100MST			0	0			Flood
	16	0857MST							
Flathead County									
15 N Polebridge	15	2200MST			0	0			Flood
	16	0800MST							
Near Bigfork, excessive runoff from thunderstorms caused a basement and workshop to flood. A pond in the front of the spotters house rose 8 feet causing a road to wash out. North of Polebridge both Kintla Lake and Bowman campgrounds were closed and the campers evacuated due to flooding									
Flathead County									
5 SE Hungry Horse	15	2200MST			0	0			Flash Flood
		2230MST							
Heavy rainfall from thunderstorms washed out part of a road on the West side of Hungry Horse Reservoir.									
Lake County									
5 S Ronan	16	1958MST			0	0			Flood
	17	0200MST							
Excessive runoff caused road closures due to flooding.									
<u>NEBRASKA, Central</u>									
Cherry County									
17 SW Valentine	02	1820CST			0	0			Hail (0.88)
Cherry County									
40 SSW Valentine	02	1858CST			0	0	3K		Hail (1.75)
Cherry County									
1 E Brownlee	02	1922CST			0	0			Hail (1.25)
Hooker County									
4 S Mullen	02	1930MST			0	0	3K		Hail (1.75)
Hooker County									
2 N Mullen	02	1940MST			0	0			Hail (0.88)
Hooker County									
5 E Mullen	02	2000MST			0	0			Hail (0.88)
Cherry County									
15 S Brownlee	02	2005CST			0	0			Hail (1.00)
Cherry County									
21 WSW Brownlee	02	2020CST			0	0	1K		Hail (1.50)
Thomas County									
1 E Thedford	02	2023CST			0	0	3K		Hail (1.75)
Cherry County									
27 SW Brownlee	02	2045CST			0	0	3K		Hail (1.75)
Custer County									
2 WSW Callaway	03	0300CST			0	0			Hail (0.88)
		0320CST							
Custer County									
6 NNE Anselmo	03	0330CST			0	0			Hail (0.75)
Blaine County									
12 S Brewster	03	0340CST			0	0			Hail (1.25)
		0345CST							
Custer County									
6 NE Callaway	03	0400CST			0	0			Hail (1.00)
Holt County									
5 E O Neill	03	2105CST			0	0			Hail (1.00)
Holt County									
2 NNW Page	03	2200CST			0	0			Hail (1.00)
Lincoln County									
North Platte	05	0500CST			0	0			Thunderstorm Wind (G52)
Thunderstorm outflow winds broke off numerous large tree branches.									
Custer County									
Broken Bow Arprt	05	0624CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Cherry County 27 S Wood Lake	05	1342CST 1352CST			0	0			Hail (0.88)
Arthur County 4 E Arthur	05	1415MST			0	0			Hail (1.00)
Logan County 3 W Stapleton	05	1615CST 1620CST			0	0			Hail (1.00)
Logan County 5 SE Stapleton	05	1630CST			0	0			Hail (0.75)
Lincoln County 20 N Brady	05	1635CST 1645CST			0	0			Hail (0.88)
Chase County 6 SW Champion to 4 W Champion	05	1640MST			0	0	25K	30K	Hail (4.25)
			Hail extensively damaged corn crops and property.						
Lincoln County 23 NNE Brady	05	1655CST			0	0			Hail (1.00)
Custer County 12 WSW Callaway	05	1715CST			0	0			Hail (0.75)
Lincoln County North Platte	05	1715CST			0	0			Hail (1.00)
Frontier County Curtis	05	1805CST			0	0			Hail (0.88)
Lincoln County 14 NE Wellfleet	05	1820CST			0	0			Hail (0.75)
Hayes County 7 SE Hayes Center	05	1830CST 1835CST			0	0	5K		Hail (1.00)
			Wind driven hail punctured holes in the vinyl siding of a house.						
Frontier County 5 W Stockville	05	1840CST			0	0	5K	5K	Hail (1.75)
Frontier County 11 SSW Stockville	05	1855CST			0	0			Hail (0.75)
Frontier County 15 S Curtis	05	1900CST			0	0			Hail (0.88)
Cherry County 16 SSW Valentine	07	1505CST			0	0			Hail (0.88)
Brown County 18 S Johnstown	07	1522CST			0	0			Hail (0.75)
Cherry County 24 S Valentine	07	1550CST			0	0			Hail (0.75)
Brown County 16 S Ainsworth	07	1600CST			0	0			Thunderstorm Wind (G52)
			Strong outflow thunderstorm winds broke off large tree limbs.						
Cherry County 33 S Valentine	07	1640CST			0	0			Hail (0.88)
Thomas County 8 NE Thedford	07	1650CST			0	0			Thunderstorm Wind (G52)
			Strong thunderstorm outflow winds broke off large tree limbs.						
Thomas County 1 S Thedford	07	1650CST			0	0			Thunderstorm Wind (G54)
Thomas County 6 NNW Halsey	07	1716CST			0	0			Hail (1.00)
Thomas County Halsey	07	1735CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Blaine County									
Dunning	07	1810CST			0	0			Thunderstorm Wind (G52)
									Strong thunderstorm outflow winds broke off numerous large tree branches.
Logan County									
16 NE Stapleton	07	1810CST			0	0			Hail (0.88)
Logan County									
16 NE Stapleton	07	1810CST			0	0	20K		Thunderstorm Wind (G52)
									Strong thunderstorm outflow winds broke off large tree limbs and destroyed small outbuildings.
Blaine County									
3 SE Dunning	07	1820CST			0	0			Thunderstorm Wind (G52)
Custer County									
12 NW Anselmo	07	1827CST			0	0			Thunderstorm Wind (G52)
									Strong thunderstorm outflow winds broke off numerous large tree branches.
Custer County									
1 NW Arnold	07	1838CST	0.1	20	0	0	70K	2K	Tornado (F1)
									A tornado from a supercell thunderstorm touched down briefly overturning two center pivot irrigation systems and destroying alfalfa and wheat fields.
Logan County									
Stapleton	07	1840CST			0	0			Thunderstorm Wind (G52)
									Several large tree limbs were broken due to strong thunderstorm outflow winds.
Custer County									
Arnold	07	1845CST			0	0	50K		Thunderstorm Wind (G61)
									A supercell thunderstorm that had produced a tornado 1 mile northwest of Arnold collapsed with strong outflow winds breaking off numerous large trees, snapping off power poles, and producing roof damage on some homes.
Logan County									
9 ESE Stapleton	07	1855CST			0	0			Hail (1.00)
Logan County									
9 ESE Stapleton	07	1855CST			0	0			Thunderstorm Wind (G61)
Lincoln County									
21 N Brady	07	1912CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
North Platte Arpt	07	1933CST			0	0			Thunderstorm Wind (G60)
Custer County									
12 W Callaway	07	1940CST			0	0			Hail (0.88)
Custer County									
12 W Callaway	07	1940CST			0	0			Thunderstorm Wind (G61)
Lincoln County									
8 N North Platte	07	2010CST			0	0			Hail (1.00)
Deuel County									
12 NE Chappell	07	2030MST			0	0			Hail (0.88)
Garden County									
Oshkosh	07	2030MST			0	0			Thunderstorm Wind (G52)
Brown County									
18 W Ainsworth	07	2134CST			0	0	5K		Hail (1.75)
Cherry County									
2 SE Wood Lake	07	2134CST			0	0			Hail (1.75)
Brown County									
5 SSE Johnstown	07	2200CST			0	0			Hail (0.88)
Cherry County									
40 SSE Merriman	09	1600MST			0	0			Hail (1.00)
Cherry County									
24 SW Valentine	09	1616CST			0	0			Hail (0.88)
Cherry County									
34 W Brownlee	09	1630MST 1640MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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, Central</u>									
Cherry County 27 S Merriman	09	1732MST			0	0	15K		Hail (1.50)
									Half dollar sized hail broke numerous west facing windows and damaged siding on a house.
Cherry County 41 SSE Merriman	09	1800MST			0	0			Funnel Cloud
Sheridan County White Clay	10	1424MST			0	0			Thunderstorm Wind (G57)
Cherry County 19 WSW Merriman	10	1435MST	1	30	0	0	100K		Tornado (F1)
									A supercell thunderstorm produced a tornado that touched down over an open field approximately 1/4 mile to the southeast of a farmstead. As the tornado moved northeast, it destroyed a shed used for storing agricultural machinery, damaged a horse trailer, and snapped off several power poles. The tornado continued moving northeast across another open field before hitting another farmstead where it rolled a mobile home, lifted a two-story 2 car garage and dropped it 20 feet north of its foundation totalling the pickup truck in the garage. The tornado also snapped off numerous trees in a shelter belt to the north of the farmstead and several power poles. Seconds before the tornado hit, the male occupant of the home took shelter in a concrete shed to the west of the home.
Sheridan County Rushville	10	1435MST			0	0			Thunderstorm Wind (G51)
Sheridan County 6 E Gordon	10	1452MST	0.1	10	0	0			Tornado (F0)
									A weak tornado touched down briefly over open rangeland.
Cherry County 1 N Eli	10	1530MST	0.1	10	0	0			Tornado (F0)
									There was a brief touchdown of a weak tornado from a supercell thunderstorm. The tornado touched down over open rangeland.
Keith County 16 NNW Ogallala	10	1545MST			0	0			Hail (1.00)
Keith County 17 NW Ogallala	10	1550MST	0.1	10	0	0			Tornado (F0)
									A weak tornado touched down briefly over Lake McConaughy.
Keith County 15 NNW Ogallala	10	1555MST 1605MST			0	0			Hail (1.00)
Arthur County 1 W Arthur	10	1605MST			0	0			Hail (1.00)
Keith County 2 S Roscoe	10	1625MST	0.2	20	0	0	1K		Tornado (F0)
									A weak tornado from a supercell thunderstorm touched down briefly near Interstate 80. Some road signs were blown over from the winds.
Perkins County 2 N Grant	10	1642MST			0	0			Thunderstorm Wind (G52)
Keith County 13 NNW Ogallala	14	1430MST			0	0			Hail (0.75)
Cherry County 2 W Sparks	14	2020CST			0	0			Hail (0.88)
Hooker County 15 S Mullen	15	1725MST 1740MST			0	0			Hail (1.00)
Hooker County 25 SW Mullen	15	1727MST 1747MST			0	0			Hail (2.50)
Keith County Keystone	15	1730MST			0	0	20K		Thunderstorm Wind (G52)
									Strong thunderstorm outflow winds destroyed an airplane hangar, broke off numerous large tree limbs, destroyed a new pole barn, and broke out 2 windows in a house.
Mcperson County 24 NW Tryon	15	1827CST 1847CST			0	0	15K		Hail (2.50)
									Hail broke out windows on the east and south sides of a house.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Deuel County 7 SE Chappell	15	1846MST			0	0			Hail (0.88)
Deuel County 9 E Chappell	15	1900MST			0	0			Hail (0.88)
Cherry County 42 S Kilgore	15	1915MST 1930MST			0	0			Hail (1.00)
Thomas County 12 SE Seneca	15	1925CST			0	0			Hail (1.00)
Grant County 10 SW Hyannis	15	1940MST 1950MST			0	0			Hail (0.88)
Cherry County 56 S Merriman	15	2005MST			0	0			Hail (0.88)
Holt County 15 N Page	16	1330CST			0	0	40K	10K	Thunderstorm Wind (G61)
									Thunderstorm winds knocked over a center pivot irrigation system, moved a storage shed off of the foundation, and broke tree limbs up to a foot in diameter.
Sheridan County Hay Spgs	19	2125MST			0	0			Thunderstorm Wind (G52)
Sheridan County 12 S Hay Spgs	20	1555MST			0	0	25K	25K	Hail (1.75)
									Hail driven by strong wind completely destroyed corn and wheat fields, broke windows in homes, shredded vinyl siding on a house, and damaged roofs.
Sheridan County 1.5 S Rushville	20	1609MST	0.1	10	0	0	150K		Tornado (F1)
									An anti-cyclonic left-moving supercell produced a brief, weak tornado that ripped off the roof of a home, destroyed the attached two car garage, moved outbuildings, and destroyed metal cattle shields. Debris from the destroyed home impacted a large metal machine shed and was scattered along a 1 mile path northeast of the farmstead. The home was a complete loss as the chimney fell into the house breaking floor joists.
Sheridan County Rushville	20	1615MST			0	0	15K		Hail (1.75)
Sheridan County Rushville	20	1615MST			0	0	150K		Thunderstorm Wind (G78)
									Outflow winds estimated at 90 mph, from an anti-cyclonic left-moving supercell that produced a weak tornado 1.5 miles south of Rushville, uprooted trees, took roofs off two buildings, toppled an old wooden grain elevator, and overturned a camper. Falling trees damaged homes, businesses, and vehicles.
Sheridan County 3 WNW Gordon	20	1640MST			0	0			Hail (1.00)
Sheridan County 15 N Rushville	21	0100MST 0130MST			0	0			Hail (1.00)
Sheridan County 16 NW Rushville	21	0125MST			0	0		15K	Hail (1.75)
									The hail destroyed 200 acres of wheat and corn crops.
Sheridan County 18 N Hay Spgs	21	0130MST			0	0			Hail (0.75)
Wheeler County 5 S Bartlett	21	0714CST 0719CST			0	0			Hail (1.00)
Sheridan County Gordon	23	1835MST			0	0			Hail (0.88)
Garfield County 14 NNE Burwell	23	1940CST			0	0	1.2K		Hail (1.75)
Garfield County 10 N Burwell	23	2004CST			0	0	1.2K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

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, Central</u>									
Garfield County 10 NNE Burwell	23	2012CST 2015CST			0	0			Hail (0.75)
Garden County 2 SE Lewellen	23	2044MST			0	0			Thunderstorm Wind (G52)
Deuel County 4 W Big Spgs	23	2113MST			0	0			Thunderstorm Wind (G58)
Cherry County 7 SE Brownlee	23	2220CST			0	0			Hail (0.75)
Lincoln County 2 E North Platte	23	2245CST			0	0			Thunderstorm Wind (G52)
Perkins County 10 W Grant	24	0215MST 0225MST			0	0			Hail (1.00)
Sheridan County 15 NNE Ellsworth	24	1440MST 1450MST			0	0			Hail (0.88)
<u>NEBRASKA, East</u>									
Antelope County Neligh	03	2328CST 2348CST			0	0			Hail (2.50)
Hail lasted for around 20 minutes in Neligh and covered the ground white. Although most hailstones were 1/2 inch to 1 inch in diameter, a few were as large as tennis ball size. The hail was deep enough in some locations that traces of it that were shaded remained on the ground well into the following afternoon. The hail damaged cars, siding, and roofs in the area as well as breaking windows and stripping leaves off of many trees. The hail also caused extensive crop damage north and east of town.									
Antelope County Neligh	04	0000CST 0100CST			0	0	10K		Flash Flood
Rainfall of 3.2 inches fell in Neligh in around 1 hour which caused flash flooding on Belmar Creek which flows near the city part. The heavy rain was accompanied by a lot of hail, some up to tennis ball size. One residence and a business near the creek experienced flooding, with water rising up to the door handle on a car, and flood damage or mud reported in a garage and the business. Standing water remained in the park well into the morning hours.									
Antelope County Oakdale	04	0005CST			0	0			Hail (1.00)
Hail estimated at up to 1 inch in diameter caused severe crop damage around the Oakdale area.									
Madison County Tilden	04	0030CST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gusts estimated at 60 mph blew down a large section of a tree in town.									
Seward County 2 N Utica to 5 S Utica	04	0130CST 0145CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts estimated at over 60 mph downed several trees in town, destroyed one small building north of town and also tore the arm off of a railroad crossing gate. The winds also blew over a semi-trailer truck on Interstate 80 five miles south of town and upset several center irrigation pivots in the area.									
Seward County Utica	04	0145CST			0	0			Hail (0.75)
Jefferson County Plymouth	04	0237CST			0	0			Thunderstorm Wind (G50)
Several 4 to 8 inch limbs blow down in town.									
Antelope County 5 NE Royal	05	1625CST			0	0			Hail (0.75)
Knox County 15 W Winnetoon	05	1640CST			0	0			Hail (1.00)
Pierce County 4 N Plainview	05	1655CST			0	0			Hail (0.75)
Knox County Center	05	1705CST 1711CST			0	0			Hail (1.00)
Hail up to 1 inch in diameter lasted for several minutes. The hail covered the ground white and also stripped leaves off of trees.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, East</u>									
Knox County 1 SW Bloomfield to Bloomfield	05	1717CST 1724CST			0	0			Hail (1.00)
Hail up to 1 inch in diameter was reported in and around Bloomfield. According to a local newspaper report the hail caused some severe crop damage in the area.									
Knox County Niobrara	05	1730CST			0	0			Hail (0.88)
Cedar County 9 SW Hartington	05	1730CST			0	0			Hail (1.00)
Leaves were reportedly stripped off of trees in the area.									
Knox County 4 N Wausa	05	1730CST			0	0			Hail (0.75)
Cedar County Hartington	05	1753CST			0	0			Hail (1.00)
Knox County 10 W Crofton	05	1800CST			0	0			Hail (0.75)
Antelope County 7 WNW Elgin	05	1845CST			0	0			Hail (0.75)
Knox County 4 N Bloomfield	05	1912CST			0	0			Hail (1.00)
Saline County 3 S Dorchester	10	2250CST			0	0			Hail (0.88)
Saline County 2 S Dorchester	10	2300CST			0	0			Hail (1.00)
Lancaster County Bennet	10	2314CST			0	0			Hail (0.75)
Saline County 3 NW Wilber	10	2330CST			0	0			Hail (0.75)
Knox County Creighton	15	0345CST 0445CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds estimated at 60 mph knocked down a large branch onto a car in Creighton.									
Knox County 7 W Crofton	15	0415CST			0	0			Hail (0.75)
Knox County 7 W Crofton	15	0415CST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gusts estimated at 60 mph blew half the roof off of a machine shed.									
Cedar County 10 W Hartington	15	0420CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds estimated at 70 mph downed large tree limbs in the area.									
Wayne County 2 NNE Carroll	15	0430CST			0	0			Hail (0.75)
Knox County 6 WSW Niobrara to Niobrara	16	1350CST 1355CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds estimated at 70 mph severely damaged a trailer, uprooted 2 trees, upset a center pivot, and caused some building damage in an area from 6 miles southwest of Niobrara into Niobrara.									
Knox County 1 N Verdel	16	1350CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds estimated at 60 to 70 mph blew down a few small trees and knocked large limbs off of larger trees.									
Knox County Crofton	16	1400CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds knocked down many large branches and several trees in the Crofton area.									
Platte County Columbus	16	1509CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Platte County									
Columbus	16	1510CST 1530CST			0	0			Thunderstorm Wind (G54)
			The Columbus Awos recorded a 62 mph thunderstorm wind gust from this storm. The winds downed several trees and large branches in town, especially across the southeast section of the city. Between 50 and 60 homes lost power from tree branches falling on power lines. The limbs also blocked some roads and damaged vehicles and a few homes. Lightning from the storm struck a radio transmitter knocking several radio stations off the air for over 12 hours.						
Colfax County									
6 S Leigh	16	1530CST			0	0			Hail (0.75)
Pierce County									
8 N Pierce	17	1400CST 1700CST			0	0	1K	5K	Flash Flood
			Unofficial rainfall amounts of 3 to 4 inches fell locally over sections of Pierce county during the afternoon of 6/17/06. The rain caused flash flooding across Old Highway 98 north of Pierce for several hours. Other than washing out some crops and gravel off of roads, little damage was reported in the area.						
Cass County									
Manley	17	1830CST			0	0			Thunderstorm Wind (G55)
			Thunderstorm wind gusts estimated at over 60 mph tipped a combine over, snapped a few power poles, damaged a horse barn and knocked down large tree limbs in town.						
Jefferson County									
3 W Daykin	21	1902CST			0	0			Hail (0.75)
Saline County									
Tobias	21	1933CST 1934CST			0	0			Hail (1.75)
			Hail up to golfball size fell in Tobias for a few minutes.						
Gage County									
5 E Cortland	21	2031CST 2045CST			0	0			Hail (1.00)
			Hail up to 1 inch in diameter fell for 10 to 15 minutes east of Cortland.						
Lancaster County									
Firth	21	2035CST 2040CST			0	0			Hail (1.00)
			Hail up to 1 inch in diameter punched holes in aluminim siding in town. The hail was accompanied by wind gusts estimated at over 60 mph.						
Lancaster County									
Firth	21	2040CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm wind gusts were estimated at over 60 mph by emergency management.						
Lancaster County									
5 S Hickman to Hickman	21	2107CST 2110CST			0	0			Hail (1.00)
			Hail from 3/4 to 1 inch in diameter was reported from 5 miles south of Hickman into Hickman.						
Otoe County									
2 SW Palmyra to Palmyra	21	2135CST 2137CST			0	0			Hail (1.00)
			Hail up to 1 inch in diameter was reported in and just southwest of Palmyra. The hail was accompanied by wind gusts estimated at 60 mph.						
Otoe County									
Palmyra	21	2137CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds were estimated at 60 mph in Palmyra. The winds were accompanied by hail up to 1 inch in diameter.						
Otoe County									
Douglas	21	2141CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm wind gusts estimated at 60 mph were accompanied by 1 inch hail.						
Otoe County									
Douglas	21	2141CST			0	0			Hail (1.00)
Otoe County									
3 E Palmyra	21	2155CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

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

Otoe County

Unadilla	21	2158CST 2208CST			0	0			Hail (1.00)
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Hail up to 1 inch in diameter piled up for 5 to 10 minutes driven by thunderstorm wind gusts estimated at 55 mph. The hail flattened crops in the area and caused some tree and roof damage.

Douglas County

Omaha	24	1840CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds were estimated at around 60 mph near 132nd and Pacific Streets. Some large tree branches were downed west of there.

Knox County

8 NNW Crofton	24	2145CST			0	0			Hail (1.50)
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One inch to 1.5 inch hail covered the ground.

Knox County

8 NNW Crofton	24	2145CST			0	0			Thunderstorm Wind (G55)
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Thunderstorm winds estimated at over 60 mph downed large tree branches and overturned a camper at a local campground.

Knox County

Crofton	24	2155CST			0	0			Hail (0.75)
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The hail caused some crop damage in the area.

Cedar County

5 SE Hartington	24	2225CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds estimated at 60 mph downed a large tree which blocked Highway 15 for a time southeast of Hartington.

Dodge County

Fremont	25	0045CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds estimated at 60 mph caused some tree damage in the Fremont area.

Cass County

4 NE Weeping Water	27	1450CST			0	0			Hail (0.88)
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Otoe County

2 W Unadilla to Unadilla	27	1503CST 1504CST			0	0			Hail (1.00)
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Hail up to 1 inch in diameter fell in and just west of Unadilla.

Otoe County

Burr	27	1531CST			0	0			Hail (0.75)
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Johnson County

4 NE Sterling	27	1540CST			0	0			Hail (0.88)
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Richardson County

Barada	27	1555CST			0	0			Hail (0.88)
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Gage County

Adams	27	1626CST			0	0			Hail (0.88)
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Johnson County

3 WSW Sterling	27	1650CST			0	0			Hail (1.00)
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Hail up to 1 inch in diameter nearly covered the ground white near Sterling.

Gage County

Beatrice	27	1720CST			0	0			Hail (0.75)
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Gage County

Blue Spgs	27	1737CST			0	0			Hail (1.00)
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Gage County

Barneston	27	1800CST			0	0			Hail (1.00)
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NEBRASKA, Extreme Northeast

Dixon County

Maskell	05	1810CST			0	0			Thunderstorm Wind (G61)
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Thunderstorm winds caused tree damage.

Dixon County

Newcastle	05	1825CST			0	0			Hail (1.25)
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Dakota County

South Sioux City	16	1717CST 2100CST			0	0			Flash Flood
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Heavy rain caused flash flooding of streets and other low areas. Several vehicles were stranded, and manhole covers were blown off in South Sioux City.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Extreme Northeast</u>									
Dakota County									
Homer	24	1637CST			0	0			Hail (0.88)
<u>NEBRASKA, Extreme Southwest</u>									
Dundy County									
5 S Benkelman	05	1730MST			0	0			Hail (1.00)
Hitchcock County									
Palisade	10	1827MST			0	0			Hail (0.75)
Dundy County									
Benkelman	10	1840MST			0	0			Hail (0.88)
Hitchcock County									
7 ENE Trenton	10	1840MST 1848MST			0	0			Thunderstorm Wind (G52)
Dundy County									
Benkelman	10	1841MST			0	0			Hail (1.00)
Red Willow County									
4 SW Mc Cook to 4 SE Mc Cook	10	1905MST			0	0			Hail (0.75)
Dundy County									
Benkelman	10	1911MST			0	0			Hail (1.00)
Dundy County									
Benkelman	15	1911MST			0	0			Hail (0.75)
Dundy County									
Benkelman	15	1911MST			0	0			Hail (0.75)
Hitchcock County									
Trenton	16	1402MST			0	0			Hail (0.75)
<u>NEBRASKA, South Central</u>									
Phelps County									
3 NW Holdrege	03	0735CST			0	0	0	0	Hail (0.75)
Dawson County									
5 WSW Cozad	05	1800CST			0	0	20K	10K	Thunderstorm Wind (G56)
Greeley County									
1 E Scotia to 5 SE Scotia	05	1805CST 1816CST			0	0	10K	20K	Hail (1.00)
Thunderstorms developed along a cold front over north-central Nebraska and moved southeast. Thunderstorms for the most part produced marginal hail, but there were reports of one-inch hail in southern Greeley County. A wind gust near 65mph blew over a center pivot west of Cozad.									
Dawson County									
5 NNW Gothenburg	07	1951CST			0	0	5K	10K	Thunderstorm Wind (G58)
Dawson County									
5 NNW Gothenburg	07	2020CST			0	0	0	5K	Thunderstorm Wind (G53)
A couple of wind event occurred across northwest portions of Dawson County during the evening. Storms developed over north-central Nebraska around mid afternoon and slowly tracked south into south-central Nebraska. Penny sized hail also accompanied the storms.									
Merrick County									
Central City	10	0855CST			0	0	0	0	Hail (0.88)
Fillmore County									
Milligan	10	2240CST			0	0	20K	25K	Hail (1.00)
Fillmore County									
2 S Strang	10	2300CST			0	0	25K	200K	Hail (1.75)
Thayer County									
Bruning	10	2300CST			0	0	20K	50K	Hail (1.00)
Thunderstorms rapidly intensified just prior to midnight across portions of south-central Nebraska. The strongest storms developed along a weak surface boundary near Fillmore and Thayer counties and produced hail up to the size of golf balls.									
Gosper County									
Elwood	15	1700CST			0	0	60K	20K	Thunderstorm Wind (G60)
Kearney County									
Minden	15	1830CST			0	0	15K	10K	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Phelps County 4 N Funk	15	1830CST			0	0	0	0	Hail (0.88)
Buffalo County Kearney Arpt	15	1850CST			0	0	15K	30K	Thunderstorm Wind (G52)
Buffalo County Kearney	15	1905CST			0	0	30K	25K	Thunderstorm Wind (G52)
Buffalo County Ravenna	15	1905CST			0	0	10K	25K	Thunderstorm Wind (G52)
Buffalo County Shelton	15	1906CST			0	0	30K	25K	Thunderstorm Wind (G52)
Hall County Grand Is	15	1928CST			0	0	20K	15K	Thunderstorm Wind (G52)
Hall County Grand Is	15	2017CST			0	0	20K	15K	Thunderstorm Wind (G52)
Several intense clusters of thunderstorms developed over western Nebraska and continually rolled into south-central Nebraska during the evening hours resulting in numerous high wind reports. There was considerable damage to a tin storage building in Elwood where much of the roof was ripped off. There was also damage to combines housed within the storage building. There were numerous reports of trees down blocking roads and knocking out power in Kearney and Grand Island. Some of the trees fell on homes. Much of southwest Kearney lost power. There was an anhydrous leak near Shelton and there were also large trees down throughout Shelton with some falling on area homes.									
Furnas County Cambridge	16	1410CST			0	0	20K	30K	Thunderstorm Wind (G52)
Kearney County 1 WSW Axtell to 5 SE Axtell	16	1429CST 1439CST			0	0	30K	800K	Hail (1.00)
Buffalo County Gibbon	16	1455CST 1517CST			0	0	80K	200K	Thunderstorm Wind (G52)
Buffalo County 1 W Shelton	16	1524CST			0	0	500K	1M	Hail (2.75)
Hall County 7 WNW Wood River to Wood River	16	1531CST 1542CST			0	0	200K	1M	Hail (1.75)
Adams County 2 W Kenesaw	16	1535CST			0	0	0	50K	Hail (0.88)
Adams County Hastings Arpt to 2 N Hastings	16	1537CST 1542CST			0	0	60K	75K	Thunderstorm Wind (G58)
Hall County 2 N Alda	16	1550CST			0	0	10K	60K	Thunderstorm Wind (G57)
Penny to nickel sized hail along with 60mph winds pounded the Gibbon area for an extended period of time. The storm then moved towards Shelton where golf ball to baseball-sized hail along with 60 mph winds broke windows, destroyed siding, and caused extensive crop damage along its path. The strong winds also destroyed a storage shed and blew over a grain trailer near Shelton. The storm continued on towards Wood River producing 60 mph winds and golf ball sized hail. In Hastings, large tree limbs were blown down damaging power lines and homes. Tents at the annual Hastings cottonwood festival were also destroyed. Crop assessors found several soybean fields that were completely wiped out and corn fields with 50 percent defoliation southeast of Axtell. Nickel sized hail was accompanied by 35mph winds 2 W of Kenesaw. Storms farther to the west damaged a house in Cambridge.									
Phelps County Bertrand	20	0255CST			0	0	25K	100K	Thunderstorm Wind (G61)
Franklin County Campbell	20	0355CST			0	0	5K	0	Thunderstorm Wind (G52)
Webster County 6 W Bladen	20	0400CST			0	0	0	0	Thunderstorm Wind (G52)
Decaying thunderstorms created wind gust of 50 to 70 mph along with drastic rises in temperatures. These heat bursts caused temperatures to rise rapidly with the most extreme rise taking place at Kearney where the temperature jumped from 70 to 93 degrees between 3 and 4 am CST.									
Adams County 5 S Holstein	20	2129CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Adams County									
Ayr	20	2135CST			0	0	0	0	Hail (0.88)
Webster County									
2 W Red Cloud	20	2310CST			0	0	5K	100K	Hail (1.75)
Webster County									
Red Cloud	20	2320CST			0	0	0	0	Hail (0.75)
Webster County									
2 W Red Cloud	20	2330CST			0	0	5K	0	Thunderstorm Wind (G52)
Thayer County									
3 SW Gilead	21	1740CST			0	0	0	0	Hail (1.00)
Thayer County									
Hebron	21	1810CST			0	0	0	0	Funnel Cloud
Thayer County									
6 SSE Hebron	21	1810CST			0	0	5K	100K	Hail (1.50)
Thayer County									
Hebron	21	1814CST 1834CST			0	0	60K	200K	Hail (3.00)
Thayer County									
3 E Belvidere	21	1845CST			0	0	25K	150K	Hail (2.00)
Thayer County									
4 ESE Bruning	21	1903CST			0	0	15K	125K	Hail (1.50)
Thayer County									
5 ESE Bruning	21	1909CST			0	0	0	10K	Thunderstorm Wind (G52)
Fillmore County									
4 S Ohioa	21	1920CST			0	0	0	10K	Thunderstorm Wind (G52)
Fillmore County									
3 ESE Ohioa	21	1935CST			0	0	15K	150K	Hail (1.75)
Severe thunderstorms developed during the evening hours in south-central Nebraska. The storms were prolific large hail producers with several reports of golf ball size hail or larger. Some of the largest hail fell near Hebron in Thayer county where baseball to teacup size hail was reported.									
York County									
York	22	0040CST			0	0	50K	0	Lightning
Lightning struck a nursing home in York during the early morning hours of June 22nd. The fire was mainly confined to the roof, however there was quite a bit of fire and smoke damage to the building. No one was injured.									
Dawson County									
Gothenburg	23	2320CST			0	0	25K	10K	Thunderstorm Wind (G57)
Dawson County									
Lexington	23	2348CST			0	0	0	0	Hail (0.75)
Dawson County									
5 N Lexington	24	0000CST			0	0	0	0	Thunderstorm Wind (G52)
Gosper County									
Johnson Res	24	0000CST			0	0	5K	30K	Thunderstorm Wind (G61)
Buffalo County									
Miller	24	0005CST			0	0	0	0	Thunderstorm Wind (G52)
Dawson County									
5 SW Sumner	24	0015CST			0	0	0	0	Thunderstorm Wind (G52)
Furnas County									
Wilsonville	24	0030CST			0	0	5K	10K	Thunderstorm Wind (G52)
Phelps County									
Loomis	24	0030CST			0	0	5K	0	Thunderstorm Wind (G52)
Harlan County									
2 E Oxford	24	0100CST			0	0	5K	0	Thunderstorm Wind (G52)
Severe thunderstorms with high winds rolled across portions of south-central Nebraska during the late night of June 23rd and continued into the early morning hours of June 24th. The storms caused large tree limbs to break in Miller and near Oxford. Minor crop damage was also reported near Wilsonville due to the combination of severe thunderstorm winds and small hail.									
Hall County									
Grand Is Arprt	24	1600CST			0	0	5K	0	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, South Central</u>									
Howard County 2 SW St Libory	24	1600CST			0	0	0	20K	Hail (1.00)
Merrick County 7 SW Chapman	24	1610CST			0	0	0	0	Thunderstorm Wind (G52)
Hall County 4 SW Grand Is	24	1620CST			0	0	30K	50K	Hail (1.75)
Hamilton County 5 NW Giltner	24	1626CST			0	0	0	0	Thunderstorm Wind (G52)
Severe thunderstorms with high winds rolled across portions of south-central Nebraska during the late afternoon and early evening of June 24th. Penny to golf ball-sized hail fell in and around the Grand Island area. A combination of severe thunderstorm winds and hail occurred near St. Libory.									
<u>NEBRASKA, West</u>									
Banner County 14 WSW Harrisburg	05	0010MST			0	0			Thunderstorm Wind (G57)
Cheyenne County Sidney Arpt	07	2012MST			0	0			Thunderstorm Wind (G53)
Scotts Bluff County Mitchell	10	1215MST 1218MST			0	0			Hail (0.88)
Scotts Bluff County 2 NW Scottsbluff to Minatare	10	1238MST 1248MST			0	0			Hail (1.75)
1 1/4 to 1 3/4 inch diameter hail reported.									
Morrill County 17 N Broadwater	10	1350MST 1353MST			0	0			Hail (0.75)
Kimball County Dix	10	1420MST 1422MST			0	0			Hail (0.75)
Cheyenne County Potter to 2 N Sidney	10	1429MST 1448MST			0	0	10K		Hail (0.88)
Penny to nickel sized hail reported. Semi-trailer blown over 5 miles east of Sidney, NE.									
Sioux County 27 SSW Agate	11	1620MST 1634MST			0	0			Hail (0.75)
Scotts Bluff County Lyman to Morrill	11	1643MST 1646MST			0	0	750K		Hail (1.75)
3/4 to 1 3/4 inch hail fell reported over much of western Scotts Bluff county, with the hardest hit area around Lyman, Neb. About 800 acres of beets were damaged and about 400 acres of dry beans were reported lost.									
Scotts Bluff County 6 S Lyman to 2 S Gering	11	1700MST 2000MST			0	0	50K		Flash Flood
Very heavy rain fell over western Scotts Bluff county with rainfall amounts from 2 to 4 inches common...as high as 4.6 inches measured 6 miles south of Lyman, Neb. The rain produced some flooding on the Stegall highway as well as washed out some county roads.									
Scotts Bluff County 12 W Gering to 5 SW Gering	11	1849MST 1858MST			0	0			Hail (1.75)
Nickel to Golfball sized hail reported over an area from west to southwest of Gering, NE.									
Scotts Bluff County Gering	11	1948MST			0	0			Hail (1.00)
Banner County 12 NW Harrisburg	11	1950MST			0	0			Hail (0.75)
Kimball County 8 W Kimball	12	1820MST			0	0			Hail (1.00)
Morrill County 5 N Angora	20	1425MST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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, West</u>									
Box Butte County 7 SW Alliance	20	1428MST			0	0			Hail (1.00)
Cheyenne County Sidney	20	1532MST 1538MST			0	0			Hail (1.00)
									3/4 to 1 inch diameter hail reported.
Kimball County 12 SE Kimball to 10 NE Kimball	21	2344MST 2348MST			0	0			Hail (0.75)
Sioux County Harrison	23	1755MST			0	0			Thunderstorm Wind (G52)
Sioux County 7 NE Agate	23	1805MST 1807MST	0.1	30	0	0			Tornado (F0)
									Visible funnel observed from cloud base to about 1/2 way to ground. Dust swirl noted on ground for 2 to 3 minutes.
Sioux County 15 S Harrison	23	1814MST			0	0			Hail (1.25)
Cheyenne County 3 E Gurley	24	0300MST 0400MST			0	0			Flash Flood
									Radar estimated 3-4 inches of rainfall with report of localized flooding along county road 119 between county roads 44 and 46.
Box Butte County Alliance	24	1623MST			0	0			Hail (0.75)
NEZ054 Kimball	30	1855MST			0	0			High Wind (G78)
									Weak shower produced 90 mph microburst wind gust 1 mile northeast of Kimball, NE.
<u>NEVADA, North</u>									
Eureka County 1 W Eureka Arpt	09	1105PST 1107PST	0.2	20	0	0			Tornado (F0)
									A rope like tornado was observed and photographed over open country about 1 mile west of the Eureka Airport. No reports of damage were received.
Elko County 2 NE (Eko)Harris Fld	25	1424PST			0	0			Thunderstorm Wind (G55)
Elko County Lamoille	25	1505PST			0	0			Thunderstorm Wind (G52)
									A 63 mph wind gust was recorded at the Weather Forecast Office in Elko. This same storm later produced an estimated wind gust of 60 mph in Lamoille and broke off one to two inch diameter tree limbs.
<u>NEVADA, South</u>									
NONE REPORTED.									
<u>NEVADA, West</u>									
NVZ003 Greater Reno/Carson City/Minden Area	26	1420PST			0	0			High Wind (G53)
									A 53 kt (61 mph) wind gust was recorded at the Desert Springs RAWS sensor.
Washoe County Sparks	26	1456PST			0	0	1K		Thunderstorm Wind (G39)
									A wind gust estimated at 39 kt (45 mph) caused damage near Los Altos Parkway in Sparks. The Reno Gazette-Journal reported that a few fences were knocked down by the strong winds. One homeowner had six feet of wood fence destroyed, along with two screen-glass doors that were shattered.
<u>NEW HAMPSHIRE, North and Central</u>									
Rockingham County Stratham	01	1700EST			0	1			Lightning
									A 13 yr-old girl was injured when she was struck by lightning while swimming in her backyard pool. The lightning apparently struck nearby, then traveled through the ground to the pool. The girl was reportedly carried inside the home where she collapsed and then was transported to a nearby hospital where she was evaluated and eventually released. Most of her symptoms had disappeared by the following day.

Storm Data and Unusual Weather Phenomena

June 2006

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

Merrimack County

Davisville **10 1656EST** **0 0 0 0** **Flood**
12 0000EST

A slow moving coastal storm produced 3 to 5 inches of rain over a 4 day period causing a slow rise in rivers throughout New Hampshire. However only one river, the Warner River at Davisville, exceeded flood stage. The Warner at Davisville, (flood stage 8.0 ft), crested at 8.6 ft.

Grafton County

Lebanon **19 1541EST** **0 0** **Hail (0.88)**
1544EST

Large hail

Sullivan County

5 NE Cornish City **19 1545EST** **0 0** **Thunderstorm Wind (G50)**
1549EST

Trees down

Grafton County

Lebanon **19 1551EST** **0 0** **Hail (0.75)**
1554EST

Large hail

Grafton County

8 SSW Bath **19 1600EST** **0 0** **Thunderstorm Wind (G53)**
1603EST

Large limbs down. Estimated gusts of 60 mph.

Grafton County

Lincoln **19 1630EST** **0 0** **Thunderstorm Wind (G50)**
1633EST

Trees down

Coos County

Errol **19 1643EST** **0 0** **Thunderstorm Wind (G50)**
1647EST

Trees down

Sullivan County

Claremont **19 1650EST** **0 0** **Thunderstorm Wind (G50)**
1654EST

Several trees and wires down

Merrimack County

Newbury **19 1710EST** **0 0** **Thunderstorm Wind (G50)**
1714EST

Several trees down

Sullivan County

Sunapee **19 1711EST** **0 0** **Thunderstorm Wind (G50)**
1715EST

Large tree down across Route 11 closed the highway for several hours

Sullivan County

Lempster **19 1730EST** **0 0** **Hail (1.00)**
1732EST

Large hail

Carroll County

Conway **19 1700EST** **0 0** **Thunderstorm Wind (G50)**

A number of trees were reported down on houses, wires, and vehicles in Conway.

Carroll County

5 SW Conway **19 1715EST** **0 0** **Thunderstorm Wind (G50)**

Numerous trees and wires down in Albany.

Grafton County

Littleton **20 1315EST** **0 0** **Thunderstorm Wind (G50)**
1318EST

Trees down

Grafton County

Littleton **20 1328EST** **0 0** **Thunderstorm Wind (G50)**
1331EST

Trees and wires down

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
NEW HAMPSHIRE, North and Central									
Grafton County									
Littleton	20	1340EST 1342EST			0	0			Hail (0.75)
		Large hail							
Grafton County									
Littleton	20	1342EST 1344EST			0	0			Hail (0.88)
		Large hail							
Grafton County									
Littleton	20	1347EST 1349EST			0	0			Hail (0.75)
		Large hail							
Grafton County									
Littleton	20	1359EST 1401EST			0	0			Hail (1.00)
		Large hail							
Grafton County									
Littleton	20	1407EST			0	0			Hail (1.00)
		Large hail reported by public.							
Grafton County									
Littleton	20	1412EST 1413EST			0	0			Hail (1.00)
		Large hail							
Grafton County									
Hebron	20	1430EST 1432EST			0	0			Hail (0.75)
		Large hail							
Carroll County									
North Conway	20	1453EST 1455EST			0	0			Hail (0.75)
		Large hail							
Carroll County									
Moultonboro	20	1515EST 1517EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Grafton County									
Canaan	20	1719EST 1723EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Carroll County									
Moultonboro	20	1811EST 1815EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Belknap County									
Gilford	20	1815EST 1819EST			0	0			Thunderstorm Wind (G50)
		Trees down							
Belknap County									
Meredith	20	1825EST 1830EST			0	0			Thunderstorm Wind (G50)
		Wires down on Governors Island							
Belknap County									
Alton	20	1828EST 1830EST			0	0			Hail (1.75)
		Large hail							
Carroll County									
Wolfeboro	20	1836EST 1838EST			0	0			Hail (0.88)
		Large hail							

Storm Data and Unusual Weather Phenomena

June 2006

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 HAMPSHIRE, North and Central</u>									
Carroll County									
5 S Effingham	20	1843EST 1845EST			0	0			Hail (0.88)
		Large hail							
Belknap County									
Alton Bay	20	1845EST 1847EST			0	0			Hail (0.75)
		Large hail							
Strafford County									
Milton	20	1920EST 1924EST			0	0			Thunderstorm Wind (G50)
		Trees and wires down							
Sullivan County									
Goshen	29	1345EST 1347EST			0	0			Hail (1.00)
		Large hail							
Belknap County									
Sanbornton	29	1443EST 1445EST			0	0			Hail (1.00)
		Large hail							
Belknap County									
Sanbornton	29	1505EST 1507EST			0	0			Hail (0.88)
		Large hail							
Merrimack County									
Franklin	29	1510EST 1512EST			0	0			Hail (0.75)
		Large hail							
Merrimack County									
Franklin	29	1510EST			0	0			Thunderstorm Wind (G50)
		Trees reported down.							
Belknap County									
New Hampton	29	1514EST 1516EST			0	0			Hail (0.75)
		Large hail							
<u>NEW HAMPSHIRE, Southern</u>									
Hillsborough County									
Merrimack	01	1920EST			0	0	15K		Thunderstorm Wind (G50)
Hillsborough County									
Goffstown	02	0000EST 0100EST			0	0	20K		Flash Flood
		A severe thunderstorm downed trees and wires along Route 3 in Merrimack. Later that evening, another thunderstorm produced torrential rainfall in Goffstown, which washed out several roads, some of which had recently been repaired from the widespread flooding which took place in May.							
Cheshire County									
Chesterfield to Walpole	19	1730EST			0	0	20K		Thunderstorm Wind (G50)
		A severe thunderstorm brought down trees and wires in Chesterfield and Walpole.							
Cheshire County									
Walpole	29	1645EST			0	0	10K		Thunderstorm Wind (G50)
Cheshire County									
Westmoreland	29	1708EST 1715EST			0	0	25K		Thunderstorm Wind (G50)
		A severe thunderstorm downed trees on Wentworth Road in Walpole. Trees and wires were blown down on Route 12 in Westmoreland, which blocked the roadway.							

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Bergen County									
Ft Lee	02	1500EST 1530EST			0	0			Flash Flood
Flash flooding of roadways due to torrential downpours from thunderstorms.									
Passaic County									
Clifton	24	1850EST 1900EST			1	0			Flash Flood
A man fell into a swiftly flowing tributary of the Passaic River around 8 pm EDT and was killed. Heavy rains of up to 3 inches had fallen in the area during Friday and Saturday (the 23rd and 24th) which caused the stream to run more swiftly than normal. M39IW									
Hudson County									
Jersey City	29	1800EST 1900EST			0	0			Flash Flood
Cars submerged by thunderstorm flash flooding. Rescues performed.									
Hudson County									
Bayonne	29	1850EST			0	0			Hail (0.75)
<u>NEW JERSEY, South and Northwest</u>									
Sussex County									
Vernon	01	1330EST			0	0	0		Lightning
Thunderstorms with intense cloud to ground lightning caused havoc across Sussex County during the afternoon and evening of June 1st. At about 2:30 PM EDT, lightning struck a home on Cardinal Road in Vernon, igniting a fire. The fire was under control within an hour, however the house was nearly destroyed. In Andover, lightning sparked a roof fire at a Rolling Hills Apartment. Meanwhile in Frankford along North Shore Road, a large tree fell onto the middle portion of a homes roof during the evening of June 1st. A woman outside the home at the time confirmed that lightning was the cause of the downed tree. A telephone pole was downed on Running Hills Drive along with several downed wires on Route 94 due to lightning strikes. State Police, during the late evening of June 1, directed traffic at a failed traffic light at Ross's Corner, where Routes 15, 206 and 565 meet. Minor power outages were reported in the Sparta area. There were no injuries reported across the county.									
Sussex County									
Vernon	01	1337EST			0	0	0		Thunderstorm Wind (G50)
Thunderstorms knocked down trees and power lines in the Vernon Valley area during the early afternoon of June 1st.									
Sussex County									
Sussex	01	1435EST			0	0	0		Thunderstorm Wind (G50)
A gust front arrived in Sussex, New Jersey ahead of the parent thunderstorm. As a result of the strong winds, trees and power lines were knocked down in the Sussex area during the afternoon of June 1st.									
Sussex County									
Newton	01	1700EST			0	0	0	0	Lightning
A strong thunderstorm blew through Newton, New Jersey (Sussex County) around 6:00 PM EDT on June 1st. Lightning struck a tree and some gusty winds downed some branches. Heavy downpours in association with the thunderstorm caused some brief but minor street flooding.									
Hunterdon County									
Countywide	01	1745EST			0	0	0		Thunderstorm Wind (G50)
A severe thunderstorm, which blew through Hunterdon County, New Jersey during the early evening of June 1st, knocked down power lines all across the county.									
Hunterdon County									
Flemington	01	1810EST			0	0	0		Thunderstorm Wind (G50)
Trees were knocked down in Flemington, New Jersey during the early evening of June 1st as a severe thunderstorm blew through Hunterdon County.									
Monmouth County									
Allentown	01	1830EST			0	0	0		Thunderstorm Wind (G50)
Severe thunderstorms rolled across parts of Monmouth County, New Jersey during the evening of June 1st. Strong winds from the thunderstorms downed power lines on Yardville-Allentown Road around 8:30 PM EDT.									
Somerset County									
Millstone	01	1840EST			0	0	0		Thunderstorm Wind (G50)
A severe thunderstorm, which rolled across Somerset County, New Jersey during the early evening of June 1st, downed trees and power lines in the Millstone area.									
Mercer County									
Ewing Township	01	1840EST			0	0	0		Thunderstorm Wind (G50)
A couple of severe thunderstorms rolled across Mercer County, New Jersey between 7:40 PM EDT and 8:30 PM EDT on June 1st. Strong winds associated with the thunderstorms downed power lines all across the county. In addition to the downed power lines, trees were knocked down on Barry Road in Hopewell Township.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Mercer County

Princeton

01 1900EST **0 0 0 Lightning**

A home, off Meetinghouse Court near Griggs Farm development, was struck by lightning around 8 PM EDT on June 1st producing smoky conditions. Also around 8 PM EDT, there was smoke reported at the Quaker Bridge Mall, which was at an escalator due to a power outage. No injuries were reported in either events.

Morris County

Dover

01 1900EST **0 0 0 Lightning**

During the early evening hours of June 1st, lightning struck a home at 80 Maple Avenue in Dover, forcing the family from their home and sparking a fire in the homes attic. No injuries were reported as a result of the lightning strike and fire, however some 2,500 customers in Dover were left without power during the storm.

Somerset County

Rocky Hill

01 1900EST **0 0 0 Lightning**

During a thunderstorm at about 8 PM EDT, lightning struck the chimney of an apartment building on Spring Road in Montgomery Township. Two of the apartments suffered some damage and its occupants were relocated, however no injuries resulted.

Morris County

Schooleys Mtn

01 1900EST **0 0 0 Lightning**

A home at 1 Stuart Court in Washington Township was struck by lightning during the evening of June 1st. The lightning strike caused a fire to the roof line, and 4 occupants were evacuated from the dwelling with no injuries reported.

Mercer County

Ewing Township

01 1900EST **0 0 Heavy Rain**
2000EST

Law enforcement reported street flooding on Stokes Avenue in Ewing around 8 p.m. EDT. The road was rendered temporarily impassable, but the water receded by 9 p.m. EDT. The storm total from Mercer County Airport was 1.10 inches, most of which fell within an hour.

Burlington County

Countywide

01 2000EST **0 0 1M 0 Lightning**

Thunderstorms during the evening of June 1st caused havoc across Burlington County, New Jersey and nearby counties. Lightning sparked a house fire in Medford, which destroyed the home. No one at the home was hurt, however a Medford firefighter was taken to a nearby hospital as he suffered from dehydration. Also, a shed fire occurred in Mount Laurel on Hainesport-Mount Laurel Road, and a house fire occurred on Avon Court. Both fires were caused by lightning strikes, and both structures sustained severe damage. Meanwhile, two house fires occurred on King Avenue in Evesham when lightning struck a utility pole at 11:37 PM EDT, dropping a power line in front of both homes. This energized the water lines into each home and sparked small fires. There were no injuries reported and the dollar amount in damage was not available. Lightning strikes also damaged computer systems at the Burlington County Central Communications building and also at the National Weather Service Office in Mount Holly, NJ. Numerous wires were downed throughout Medford, Evesham and Mount Laurel from the intense cloud to ground lightning strikes. Some 60,000 customers were without power in Burlington, Camden and Gloucester Counties.

Salem County

Carneys Pt

01 2008EST **0 0 0 Thunderstorm Wind (G50)**

Trees and power lines were knocked down at 9:08 PM EDT on June 1st in Carney's Point Township, New Jersey when thunderstorms rumbled across Salem County.

Gloucester County

Bridgeport to Turnersville

01 2010EST **0 0 0 Thunderstorm Wind (G50)**

Severe thunderstorms rumbled their way across Gloucester County, New Jersey during the evening of June 1st. As a result of strong winds associated with the thunderstorms, trees and power lines were knocked down from Logan Township to Washington Township.

Camden County

Gibbsboro

01 2040EST **0 0 0 Thunderstorm Wind (G50)**

Severe thunderstorms rumbled across parts of Camden County around 9:40 PM EDT on June 1st. Damaging winds produced by the thunderstorms downed trees and power lines in Gibbsboro to near the Turnersville area.

Burlington County

Evesboro

01 2045EST **0 0 0 Thunderstorm Wind (G50)**

Winds from severe thunderstorms downed trees and power lines across portions of Evesham Township, New Jersey on eastward, during the evening of June 1st.

Gloucester County

Verga

01 2200EST **0 0 0 Lightning**

At around 10:00 PM EDT in the Millburn, New Jersey area, the fire department at Gero Park was struck by lightning, which damaged several pieces of electronic equipment, including computers and communications equipment, and a small hole was discovered in the roof of the building. Earlier in the evening, at about 7:45 PM EDT, lightning struck a Great Hills Road home, where light smoke was observed coming from the attic of the home, and two circuit breakers had been tripped from the electrical

Storm Data and Unusual Weather Phenomena

June 2006

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

surge. No injuries were reported from either event.

Gloucester County 2 SSE Paulsboro

02 2120EST 0.8 250 0 0 100K Tornado (F0)

A fast moving thunderstorm tracked northward during the evening of June 2nd across southern New Jersey, then merged with additional thunderstorms arriving from the west as it entered Gloucester County about 10:20 PM EDT. The merging thunderstorm produced an F0 tornado in East Greenwich Township, New Jersey. The National Weather Service Office in Mount Holly, New Jersey conducted a storm survey and confirmed that a weak tornado with 65 mph winds touched down. The path length of the tornado was three-quarters of a mile and the path width was mostly around 100 yards, but at its maximum it reached 250 yards. Numerous trees were knocked down and snapped in a six block area. Three homes sustained major damage from downed trees, and another twenty homes had minor damage. Roofing material from a house on County Lane Road was found a quarter of a mile away near the Mount Royal firehouse.

Camden County Haddonfield

03 0307EST 0500EST 0 0 Flood

Runoff from the heavy rain that fell around Midnight EDT on the 3rd caused some minor flooding along the Cooper River. The Cooper River at Haddonfield was above its 2.8 foot flood stage from 307 a.m. EDT through 6 a.m. EDT on the 3rd. It crested at 2.84 feet at 345 a.m. EDT on the 3rd. Doppler Radar storm total estimates averaged between 1 and 2 inches. Actual storm totals included 1.80 inches in Pennsauken and 1.22 inches in Somerdale.

Gloucester County Mullica Hill

09 1455EST 0 0 0 Thunderstorm Wind (G50)

Strong winds from a severe thunderstorm knocked down trees in Mullica Hill, New Jersey at 3:55 PM EDT. Also at the same time, a large tree was knocked down in Woodbury, New Jersey. While not severe, the same thunderstorm produced hail to the size of peas in Glassboro between 4:00 PM EDT and 4:15 PM EDT.

NJZ024

Eastern Cape May

18 1800EST 1 0 0 0 Rip Current
28 2100EST

A seven-year-old boy drowned during the evening of the 18th in Ocean City after getting caught in a rip current. M7IW

Warren County 2 W Alpha

19 1638EST 0 0 Thunderstorm Wind (G50)

A severe thunderstorm, which rumbled across parts of Warren County, New Jersey during the early evening of June 19th, downed trees and power lines near the town of Alpha at 5:38 PM EDT.

Monmouth County Roosevelt

23 1603EST 1608EST 0 0 Thunderstorm Wind (G52)

A severe thunderstorm tore down trees and wires in the southwestern part of Monmouth County. Most of the reported wind damage was in Millstone Township and Roosevelt Borough.

Hunterdon County Allerton

23 2000EST 1 0 0 0 Lightning

A 59-year old male camper was apparently struck by lightning and died while resting in a hammock during the evening of June 23rd. The man was in a hammock, in Round Valley Reservoir, which was anchored to several trees. It is believed that the lightning bolt hit the tree, struck the ground, then traveled into the man. M59UT

Monmouth County Roosevelt

23 2200EST 0 0 0 Lightning

Lightning struck a home in Roosevelt, setting the house on fire. The extent of damage to the home was not known, however no injuries were reported.

Ocean County 1 N Metedeconk

24 1430EST 0 0 0 Lightning

A total of 1,100 customers lost power during the afternoon of June 24th in Point Pleasant as wires were knocked down from lightning strikes.

Monmouth County South Portion

24 1700EST 1900EST 0 0 Flash Flood

Thunderstorms with heavy rain dropped a Doppler Radar estimated two to four inches of rain across southern Monmouth County. This caused poor drainage flooding and flooding of smaller creeks in the county. Street flooding also occurred in Sea Bright.

Gloucester County Central Portion

24 1720EST 1930EST 0 0 Flash Flood

Camden County Southeast Portion

24 1735EST 1930EST 0 0 Flash Flood

Storm Data and Unusual Weather Phenomena

June 2006

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

Burlington County

West Central Portion	24	1800EST 2000EST			0	0			Flash Flood
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Thunderstorms with heavy rain caused flooding of roadways and small streams from central Gloucester County northeast through central portions of Burlington County. Doppler Radar storm total estimates average 2 to 4 inches in this area. In Gloucester County, several roads were closed in and around Pitman with up to three feet of water on them. Roadway closures in Burlington County occurred in Burlington, Pemberton and Southampton Townships. Measured storm totals included 4.20 inches in Glassboro (Gloucester County), 2.89 inches in Medford (Burlington County) and 2.59 inches in Wrightstown (Burlington County).

Cumberland County

Southeast Portion	25	0315EST 0515EST			0	0			Flash Flood
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Cape May County

Northwest Portion	25	0355EST 0600EST			0	0			Flash Flood
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Repeating thunderstorms with torrential downpours dropped a Doppler Radar estimated six to ten inches of rain across southeastern parts of Cumberland County and northwestern parts of Cape May County. This caused considerable roadway and field flooding as well as some stream flooding. Storm totals included 6.25 inches in Millville.

Warren County

Millbrook to Carpenterville	27 30	1930EST 1803EST			0	0	15M		Flood
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Several days of heavy rain throughout the Delaware River Basin culminated with major flooding along the Delaware River from the 28th through the 30th. It was the second to fourth highest crest on record for the Delaware River along Warren County. The crest was slightly lower than the April 2005 flood in Belvidere and Phillipsburg, but the second highest on record (since 1955) at Tocks Island. President George W. Bush declared Warren County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Warren County averaged three to eight inches, but storm totals exceeded ten inches in parts of the Upper Delaware Basin in New York State.

The Delaware River at Tocks Island was above its 21 foot flood stage from 906 a.m. EDT on the 28th through 1043 a.m. EDT on the 30th. It crested at 33.87 feet at 915 a.m. EDT on the 29th, the second highest crest on record. Farther downstream at Belvidere, the Delaware River was above its 22 foot flood stage from 1145 a.m. EDT on the 28th through 303 a.m. EDT on the 30th. It crested at 27.16 feet at 1130 a.m. EDT on the 29th, the fourth highest crest on record. Farther downstream at Phillipsburg, the Delaware River was above its 22 foot flood stage from 830 p.m. EDT on the 27th through 703 p.m. EDT on the 30th. It crested at 37.09 feet at 1215 p.m. EDT on the 29th, the fourth highest crest on record.

Hunterdon County

Countywide	28 30	0400EST 1935EST			1	0	6.5M		Flood
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Several days of heavy rain throughout the Delaware River Basin culminated with major flooding along the Delaware River from the 28th through the 30th. It was the fourth highest crest on record for the Delaware River along Hunterdon County. The crest was slightly lower than the April 2005 flood. President George W. Bush declared Hunterdon County a disaster area. One man in Lambertville drowned when he walked into flood waters. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Hunterdon County averaged four to eight inches, but storm totals exceeded 10 inches in parts of the Upper Delaware Basin in New York State.

The Delaware River at Riegelsville (Bucks County) was above its 22 foot flood stage from 451 a.m. EDT on the 28th through 632 p.m. EDT on the 30th. It crested at 33.62 feet at 300 p.m. EDT on the 29th, the fourth highest crest on record. Farther downstream at Frenchtown, the Delaware River was above its 16 foot flood stage from 827 a.m. EDT on the 28th through 835 p.m. EDT on the 30th. It crested at 22.90 feet at 500 p.m. EDT on the 4th, the fourth highest crest on record. Farther downstream, at Stockton, the Delaware River was above its 18 foot flood stage from 4 a.m. EDT on the 28th through 620 p.m. EDT on the 30th. It crested at 25.35 feet at 7 p.m. EDT on the 29th, the fourth highest crest on record. Farther downstream, at Lambertville the Delaware River was above its 13 foot flood stage from 805 a.m. EDT on the 28th through 401 p.m. EDT on the 30th. It crested at 19.08 feet at 6 p.m. EDT on the 29th, the fourth highest crest on record. Inland the South Branch of the Raritan River at High Bridge was above its 10 foot flood stage from 107 p.m. EDT through 422 p.m. EDT on the 28th. It crested at 10.11 feet at 2 p.m. EDT. Farther downstream at Stanton, the South Branch of the Raritan was above its 8 foot flood stage from 750 a.m. EDT through 927 p.m. EDT on the 28th. It crested at 9.33 feet at 1130 a.m. EDT.

M?IW

Mercer County

Countywide	28 30	0611EST 1752EST			0	0	8M		Flood
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Several days of heavy rain throughout the Delaware River Basin culminated with major flooding along the Delaware River from the 28th through the 30th. It was the fourth or fifth highest crest on record for the Delaware River along Mercer County. The crest was slightly lower than the April 2005 flood. President George W. Bush declared Mercer County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the

Storm Data and Unusual Weather Phenomena

June 2006

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

28th. Event totals in Mercer County averaged three to six inches, but storm totals exceeded 10 inches in parts of the Upper Delaware Basin in New York State. The hardest hit municipalities were Trenton and Ewing with the Island and Glen Afton sections of Trenton affected the most.

The Delaware River at Washington's Crossing was above its 20 foot flood stage from 825 p.m. EDT on the 28th through 912 a.m. EDT on the 30th. It crested at 22.54 feet at 700 p.m. EDT on the 29th, the fourth highest crest on record. The Delaware River at Trenton was above its 20 foot flood stage from 746 a.m. EDT on the 28th through 652 p.m. EDT on the 30th. It crested at 25.09 feet at 845 p.m. EDT on the 29th, the fifth highest crest on record. Inland the Assunpink Creek at Trenton was above its 7 foot flood stage from 711 a.m. EDT through 1231 a.m. EDT on the 28th. It crested at 7.49 feet at 1030 a.m. EDT.

Camden County Haddonfield

28	0629EST								
	1030EST			0	0				Flood

A nearly stationary frontal system produced sporadic periods of heavy rain occurred across New Jersey from the 23rd into the morning of the 28th. A low pressure system that developed along the Atlantic seaboard combined with the front and caused the most widespread and heaviest rain to occur during the first half of the day on the 28th. The heavy rain caused minor flooding along the Cooper River. Tidal flooding also occurred along the Delaware River. Flooding though was worse farther north along the Delaware River. Event totals in Camden County average three to six inches. The Cooper River at Haddonfield was above its 2.8 foot flood from 729 a.m. EDT through 1130 a.m. EDT on the 28th. It crested at 2.92 feet at 930 a.m. EDT. Storm totals included 3.79 inches in Blue Anchor.

Somerset County Countywide

28	0649EST								
29	1021EST			0	0				Flood

Sporadic periods of heavy rain occurred across New Jersey from the 23rd into the morning of the 28th. The most widespread and heaviest rain occurred during the first half of the day on the 28th. The culmination of the heavy rain caused mainly minor flooding along the main stem rivers in Somerset County on the 28th and 29th. Flooding was worse along the Delaware River. Event totals in Somerset County averaged three to six inches.

Along the main stem of the Raritan River at Manville was above its 14 foot flood stage from 543 p.m. EDT on the 28th through 310 a.m. EDT on the 29th. It crested at 15.76 feet at 930 p.m. EDT on the 28th. Farther downstream, the Raritan River at Bound Brook was above its 28 foot flood stage from 1007 p.m. EDT on the 28th through 247 a.m. EDT on the 29th. It crested at 28.24 feet at 1128 p.m. EDT on the 28th. The North Branch of the Raritan River at North Branch was above its 12.3 foot flood stage from 1033 a.m. EDT through 520 p.m. EDT on the 28th. It crested at 13.93 feet. Farther downstream at Raritan, the North Branch of the Raritan River was above its 10 foot flood stage from 115 p.m. EDT through 608 p.m. EDT on the 28th. It crested at 10.72 feet at 345 p.m. EDT. Farther downstream at the village of South Branch, the North Branch of the Raritan River was above its 7 foot flood stage from 749 a.m. EDT on the 28th through 202 a.m. EDT on the 29th. It crested at 9.95 feet at 845 p.m. EDT on the 28th. The Millstone River at Griggstown was above its 10 foot flood stage from 1231 p.m. EDT on the 28th through 1121 a.m. EDT on the 29th. It crested at 10.54 feet at 4 p.m. EDT on the 28th.

Sussex County Montague to Flatbrookville

28	0730EST								
30	0500EST			0	0	600K			Flood

Several days of heavy rain throughout the Delaware River Basin culminated with major flooding along the Delaware River from the 28th through the 30th. It was the second or third highest crest on record for the Delaware River along Sussex County. The crest was the second highest on record (since 1955) at Tocks Island (Warren County) and the third highest crest on record at Montague. President George W. Bush declared Sussex County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Sussex County averaged four to six inches, but storm totals exceeded ten inches in parts of the Upper Delaware Basin in New York State.

The Delaware River at Montague was above its 25 foot flood stage from 830 a.m. EDT on the 28th through 345 p.m. EDT on the 29th. It crested at 32.16 feet at 1015 p.m. EDT on the 28th, the third highest crest on record. Farther downstream in Warren County, the Delaware River at Tocks Island was above its 21 foot flood stage from 906 a.m. EDT on the 28th through 1043 a.m. EDT on the 30th. It crested at 33.87 feet at 915 a.m. EDT on the 29th, the second highest crest on record. The flow from the Delaware River slowed the run-off from the Flat Brook and caused flooding along the brook. The Flat Brook at Flatbrookville was above its 6 foot flood stage from 545 p.m. EDT through 1152 p.m. EDT on the 28th. It crested at 6.25 feet at 815 p.m. EDT on the 28th.

Salem County Carneys Pt

29	0217EST								
				0	0				Thunderstorm Wind (G50)

A severe thunderstorm rolled across parts of Salem County, New Jersey during the very early morning hours of June 29th. The strong winds produced by the thunderstorm downed trees in Carney's Point, New Jersey at 3:17 AM EDT.

Gloucester County 5 NW Glassboro

29	0243EST								
				0	0				Thunderstorm Wind (G50)

During the very early morning hours of June 29th, a severe thunderstorm rolled across Gloucester County, New Jersey. Trees and power lines were downed at 3:43 AM EDT from South Harrison northeastward through Deptford Township.

Storm Data and Unusual Weather Phenomena

June 2006

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 JERSEY, South and Northwest</u>									
Camden County									
Audubon	29	0256EST			0	0			Thunderstorm Wind (G50)
	Strong winds from a severe thunderstorm downed trees in Gloucester Township, New Jersey and Audubon, New Jersey (both in Camden County) at 3:56 AM EDT on June 29th.								
Burlington County									
Cinnaminson to Palmyra	29	0303EST			0	0			Thunderstorm Wind (G50)
	A severe thunderstorm rolled across northwestern Burlington County, New Jersey during the very early morning hours of June 29th. Trees and power lines were downed at 4:03 AM EDT in Cinnaminson, Riverside and Palmyra as a result of strong winds.								
Gloucester County									
Turnersville	29	2130EST			0	0	0		Hail (1.00)
	A severe thunderstorm affected a portion of Gloucester County, New Jersey during the evening of June 29th. The severe thunderstorm produced nickel to quarter size hail in Washington Township, near Turnersville, at 10:30 PM EDT.								
Burlington County									
Rancocas	29	2145EST			0	0			Hail (0.75)
	Penny size hail fell in Westampton Township.								
<u>NEW MEXICO, Central and North</u>									
Rio Arriba County									
Canjilon	01	1255MST 1315MST			0	0			Hail (1.00)
	About 15 to 20 minutes with small hail and intermittent larger hail reported at the Canjilon Ranger Station.								
Guadalupe County									
Pastura	02	1512MST			0	0			Hail (1.00)
Union County									
Grenville	02	1550MST			0	0			Hail (0.88)
Bernalillo County									
Albuquerque Intl Arprt	06	1453MST			0	0			Thunderstorm Wind (G53)
Union County									
3 N Capulin to Capulin	12	1440MST 1445MST			0	0			Hail (1.00)
	Large hail reported from the Volcano National Monument south into Capulin.								
Harding County									
5 S Yates	12	1500MST			0	0			Hail (0.88)
San Miguel County									
Las Vegas Arprt	14	1517MST			0	0			Thunderstorm Wind (G50)
San Miguel County									
Las Vegas Arprt	14	1908MST			0	0			Thunderstorm Wind (G50)
NMZ004>007									
Sangre De Cristo Mountains - Northeast Highlands - Harding - Far Northeast Plains	15	1355MST 1926MST			0	0			High Wind (G61)
	Gusty winds developed as a strong upper level trough moved over northern New Mexico. In some cases the peak gusts were aided by outflow winds from high based virga showers.								
Los Alamos County									
2 S Los Alamos	22	1230MST			0	0			Hail (1.00)
Los Alamos County									
Los Alamos	22	1255MST 1305MST			0	0			Hail (1.00)
San Miguel County									
9 WSW Mineral Hill	22	1405MST			0	0			Hail (1.00)
San Miguel County									
17 N Pecos	22	1430MST			0	0			Hail (1.75)
San Miguel County									
2 N Mineral Hill	22	1432MST			0	0			Hail (1.00)
Union County									
6 N Folsom	22	1420MST			0	0			Hail (0.75)
Union County									
13 NE Folsom	22	1505MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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

NEW MEXICO, Central and North

Quay County									
3 SSW Ragland	22	1745MST 1750MST			0	0			Thunderstorm Wind (G55)
Numerous 2 to 3 inch tree limbs snapped off.									
Mora County									
12 N Wagon Mound	23	1530MST			0	0			Hail (0.75)
Santa Fe County									
2 SE Edgewood to Edgewood	23	2145MST 2150MST			0	0			Hail (1.25)
Storm produced swath of penny to half dollar size hail near Edgewood,									
San Miguel County									
Las Vegas	24	1130MST			0	0			Hail (0.88)
San Miguel County									
12 NE Trementina	24	1640MST			0	0			Thunderstorm Wind (G51)
Heavy rain and pea size hail also reported.									
Colfax County									
13 NE Cimarron	24	1832MST			0	0			Hail (0.75)
Bernalillo County									
8 N Albuquerque Intl	26	1845MST			0	0			Thunderstorm Wind (G51)
Bernalillo County									
9 NE Albuquerque Intl	26	1909MST			0	0			Thunderstorm Wind (G61)
Bernalillo County									
12 NE Albuquerque Intl	26	1909MST			0	0			Thunderstorm Wind (G78)
A storm with heavy rain produced high winds over northeast sections of Albuquerque. The Sandia Peak Tram system reported gusts to 90 mph at the top of the tram (10300 feet) and 70 mph wind at the base terminal (6900 feet).									
Sandoval County									
Rio Rancho	27	2000MST 2120MST			0	0			Heavy Rain
Bernalillo County									
Albuquerque	27	2010MST 2120MST			0	0			Heavy Rain
Sandoval County									
Rio Rancho	27	2048MST 2105MST			0	0			Hail (0.88)
Bernalillo County									
Albuquerque	27	2053MST 2110MST			0	0			Hail (0.88)
Strong storms moved across Rio Rancho and north central Albuquerque with heavy rain and a swath of hail. Parts of Rio Rancho, Corrales and the Albuquerque North Valley had rains of about 2 inches in 60 to 90 minutes. Several dirt roads were unpassable or washed out in Rio Rancho. Los Rios Road on the east side of Highway 528 suffered the worst damage as the runoff reclaimed the arroyo that had been filled as a road in new housing development situated on the sandy slope of the mesa between Corrales and Rio Rancho. Ponding problems developed along Edith Blvd in the Albuquerque North Valley filling streets to curb full and reaching several inches into a few homes.									

NEW MEXICO, South Central and Southwest

Sierra County									
Truth Or Consequences	01	1742MST 1756MST			0	0			Hail (1.00)
Otero County									
Alamogordo	22	1540MST			0	0			Thunderstorm Wind (G52)
Otero County									
Alamogordo	22	1545MST 1745MST			0	0	1.3M		Flash Flood
Strong thunderstorms developed over the southern Sacramento Mountains and along the eastern heights of Alamogordo. One storm in particular dropped about an inch and a half of rain in 40 minutes over Marble Canyon, which drains into eastern Alamogordo. Other storms added heavy rain and several inches of drifting small hail to that section of town. Strong winds blew shingles off houses, but flooding was the main problem. Roads along the eastern heights turned into raging torrents which flowed westward into the center of town. Mud flowed into numerous houses and several vehicles were swept into arroyos. A gas main was broken which led to the evacuation of residents in the vicinity. The state of NM put the damage total at about \$1.3 million.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Eddy County

Carlsbad

10 1410MST
 1417MST 0 0 0 0 **Hail (0.88)**

Pea to nickel size hail fell in northern portions of Carlsbad, specifically at the intersection of Canal and Pierce.

Lea County

Tatum

21 1819MST 0 0 0 0 **Thunderstorm Wind (G50)**

A NWS cooperative observer recorded a 58 mph wind gust on his home anemometer. No damage was reported.

Eddy County

Carlsbad

22 2050MST
 2300MST 0 0 0 0 **Flash Flood**

The public reported one foot of water flowing over some of the local roads in Carlsbad.

Lea County

1 S Hobbs

29 1700MST 0 0 0 0 **Hail (0.88)**

NEW YORK, Central

Steuben County

Bath

01 1820EST
 2200EST 0 0 50K **Flash Flood**

Several road washouts due to thunderstorms with heavy rainfall. A trailer park had to be evacuated.

Onondaga County

Plainville

19 1057EST 0 0 20K **Thunderstorm Wind (G50)**

Trees blown down and several roofs damaged.

Steuben County

Thurston

22 1925EST 0 0 **Thunderstorm Wind (G50)**

Trees blown down by strong thunderstorm winds.

Steuben County

Caton

22 1945EST 0 0 **Thunderstorm Wind (G50)**

Trees blown down by strong thunderstorm winds.

Steuben County

Lindley

22 1950EST 0 0 **Thunderstorm Wind (G50)**

Trees blown down by strong thunderstorm winds.

Chemung County

Elmira

22 2010EST 0 0 25K **Thunderstorm Wind (G50)**

Trees and wires blown down by strong thunderstorm winds.

Delaware County

Cooks Falls

26 1300EST
28 2300EST 0 0 **Flood**

Record flooding occurred on the Beaver Kill Creek at Cooks Falls . The Beaver Kill rose to the flood stage of 10 feet June 26 at 200 PM EDT, then fell below flood stage temporarily, before rising above flood stage again June 28th at 500 am EDT. The Beaver Kill Creek crested at 20.54 feet June 28th at around 11:00 am EDT. The previous record measured from flood marks was 20.3 feet October 10, 1903.

Sullivan County

5 W Liberty

26 1445EST
 2300EST 0 0 25K **Flash Flood**

A front from southern New England to near Washington D.C Sunday morning the 25th moved slowly west, to a position from just north of New England, south-southwest across the Adirondacks through central New York and then down the spine of the Appalachians by Monday morning the 26th. Tropical moisture moved westward and engulfed nearly all of New York State and most of northern and eastern Pennsylvania by Monday morning. This resulted in a widespread area of moderate to heavy rain across all of central New York and northeast Pennsylvania including the Poconos and Catskills by Monday morning the 26th. The heaviest rain occurred in the Poconos and Catskills where rainfall amounts totaled between 1.5 and 4 inches by 8 am EDT Monday. In Sullivan County, 2 to 4 inches of rain fell by Monday morning, which saturated soils. Another round of heavy rain showers and thunderstorms moved back into the northern part of the county during the day Monday the 26th. This additional heavy rainfall caused flash flooding in Youngsville closing Route 52. There were many streams overflowing their banks in and around Youngsville Monday afternoon and evening.

Steuben County

Jasper

26 1600EST
 2300EST 0 0 5K **Flash Flood**

Heavy rainfall washed out several roads in the Jasper area Monday afternoon and evening the 26th.

Storm Data and Unusual Weather Phenomena

June 2006

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

Delaware County

Colchester	26	1700EST 2300EST			0	0	50K		Flash Flood
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A front from southern New England to near Washington D.C Sunday morning the 25th moved slowly west to a position from just north of New England, south-southwest across the Adirondacks through central New York, and then down the spine of the Appalachians by Monday morning the 26th. Tropical moisture moved westward and engulfed nearly all of New York State and most of northern and eastern Pennsylvania by Monday morning. This resulted in a widespread area of moderate to heavy rain across all of central New York and northeast Pennsylvania including the Poconos and Catskills by Monday morning the 26th. The heaviest rainfall occurred in the Poconos and Catskills where rainfall amounts totaled between 1.5 and 4 inches by 8 am EDT Monday. In Delaware county, flash flooding began around 6 pm Monday evening as another batch of heavy rain concentrated extreme rainfall again over much of Delaware County during the day Monday. With the soils saturated from Sunday and Sunday night's rainfall, major flash flooding began. The town of Colchester took the brunt early on and the residents evacuated voluntarily. All roads in the town of Colchester were closed as of Monday evening.

Delaware County

Fishes Eddy	26	1800EST			0	0			Flood
	29	0800EST							

Major flooding occurred on the East Branch of the Delaware River at Fishes Eddy. The Delaware River at Fishes Eddy peaked just above the flood stage of 13 feet Monday evening the 26th before falling back below flood stage late Monday night. The East Branch of the Delaware then rose again Tuesday morning and exceeded the flood stage at Fishes Eddy at 800 am EDT Tuesday the 27th. The East Branch then continued to rise Tuesday afternoon through Wednesday, cresting at 21.45 feet at 1100 am EDT Wednesday the 28th. This was about a foot short of the previous record of 22.49 feet which occurred just 14 months earlier in April 2005.

Broome County

West Portion	27	0345EST 0800EST			0	0	50K		Flash Flood
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Tropical moisture continued to stream northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of central New York late Monday evening the 26th through Tuesday morning the 27th. A total of 2 to 4 inches of rain fell over the western half of Broome County, including the Binghamton, Vestal, Johnson City and Endicott areas. This rainfall, in addition to Sunday and Monday's rainfall, caused numerous roads to become flooded, especially in the Vestal area. The rain tapered off Tuesday morning after sunrise allowing the flash flooding to abate temporarily.

Cortland County

Countywide	27	0345EST 0800EST			0	0	25K		Flash Flood
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Tropical moisture continued to stream northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of central New York late Monday evening the 26th through Tuesday morning the 27th. A total of 2 to 4 inches of rain fell over the county. This rainfall, in addition to Sunday and Monday's rainfall, caused numerous roads to become flooded across the county. The flash flooding abated during the mid to late morning hours Tuesday the 27th as the rain tapered off.

Sullivan County

North Portion	27	0400EST			1	0	100M		Flash Flood
	28	1400EST							

Tropical moisture continued to stream northward into the Catskills ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms from eastern Pennsylvania into the Catskills late Monday evening the 26th through Tuesday morning the 27th. By 8 am Tuesday, another 3 to 5 inches of rain fell across northern Sullivan County which caused major flash flooding. Additional rain fell Tuesday afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. The additional rainfall brought rainfall totals to between 6 and 12 inches in the far northern part of Sullivan County. The extreme rainfall caused catastrophic flash flooding to become more widespread and affect Livingston Manor, Roscoe, Jeffersonville and other locations in the northern part of the county. The flash flooding was described as the worst in at least 40 years and in some areas it was the worst ever. Small streams and creeks caused massive flooding, inundating Livingston Manor entirely, flooding numerous roads. Over 1500 homes were flooded of which 30 were destroyed and over 700 heavily damaged. Numerous bridges were flooded as well as many businesses. Total losses are estimated at around 100 million dollars. One person was killed by the flooding when she was washed out of her home by the flood waters.

F15MH

Madison County

North Portion	27	0435EST 1000EST			0	0	200K		Flash Flood
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Tropical moisture continued to stream northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much upstate New York late Monday evening the 26th through Tuesday morning the 27th. From 2 to 4 inches

Storm Data and Unusual Weather Phenomena

June 2006

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

of rain fell across much of Madison County. This rain fell on saturated ground from previous rains that occurred Sunday and Monday leading to major flash flooding in the northern portion of the county. Widespread street flooding was reported with several homes experiencing crumbled foundations due to high waters. The rains tapered off by late morning allowing the flooding to abate.

Delaware County Walton

27	0745EST				0	0	10M		Flood
29	1200EST								

At Walton, record flooding occurred on the West Branch of the Delaware River. The river level rose above the flood stage of 9.5 feet Tuesday June 27th at 8:45 AM EDT. The river rose above the moderate flood level of 14 feet June 27 at 2:30 PM EDT. The river rose above the major flood level of 16 feet June 28, 3:15 AM EDT. The crest was 16.85 feet June 28 4:30 AM EDT. The previous record was January 19, 1996 where the crest was 16.36 feet. The flooding near Walton was described in the Binghamton Press and Sun Bulletin as "Unlike the flood of 1996, caused by overflowing waters of the West Branch of the Delaware River, this season's flooding damage was inflicted by fast-moving, "rip-and-tear" waters in the many streams and small tributaries that wreaked havoc on surrounding land, buildings, and equipment. In some cases, stream corridors changed directions, cutting right through the middle of fields." Quote is from John Thurgood, Agriculture extension leader for the Watershed Agriculture Council.

Delaware County Countywide

27	0810EST				2	0	250M		Flash Flood
28	1300EST								

Tropical moisture continued to stream northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of upstate New York late Monday evening the 26th through Tuesday morning the 27th. From 3 to 5 inches of rain fell across Delaware County by Tuesday morning. The rain fell on saturated ground from previous rains that occurred Sunday and Monday leading to major flash flooding in Hancock, Colchester and surrounding areas by Tuesday morning. Hancock experienced the worst flooding this town had ever seen with most of the downtown underwater. In addition, Walton, Downsville, Delhi and Sidney also became inundated with record flooding as intense rainfall focused on these areas later Tuesday. Numerous streams and creeks were flooding homes, businesses, roads, bridges and government facilities. Despite the major flash flooding that was occurring Tuesday morning, the situation was about to turn even more grim. The front, which was across the eastern Great Lakes Tuesday morning, moved back east and combined with a low pressure system that moved up the eastern seaboard by Tuesday night. This set the stage for additional heavy rains from Tuesday evening to Wednesday morning deluging Delaware County with more rains that brought three day totals to 8 to 15 inches. This caused even more catastrophic flooding to most of the county by Wednesday morning the 28th. At least 200 structures were damaged in Hancock alone, the entire business district of Walton was under 6 to 7 feet of water. Several small streams and the Susquehanna River combined to cause major flooding in the village of Sidney, NY. Many homes were flooded in Sidney with up to 6 feet of water. Amphenol Corporation in Sidney was flooded by up to 5 feet of water causing 40 million dollars worth of damage. The flooding also caused Interstate 88 to collapse early Wednesday morning near Unadilla killing two truck drivers. The flooding caused 189 million dollars worth of damage to roads alone. Damages are estimated at 250 million dollars from the floods. At least 1000 homes were damaged by flood waters with 30 homes completely destroyed. Hundreds of businesses were damaged including major corporations like Amphenol and Kraft foods. There were at least 10 businesses destroyed. Over 500 people were evacuated with hundreds of people rescued from the flood waters. At least 20 bridges were flooded. During the height of the flood, all roads were closed in Delaware County as a state of emergency was declared Tuesday. This flood will go down as the worst flood on record ever experienced by Delaware County.

M?VE, M?VE

Steuben County Addison

27	0900EST				0	0	5K		Flash Flood
	1500EST								

Heavy rains caused localized flash flooding in the Addison and Cameron areas where several roads were flooded.

Sullivan County Calicoon

27	1000EST				0	0			Flood
29	1800EST								

Record flooding occurred on the Delaware River at Calicoon. The Delaware River at Calicoon rose above the 12 foot flood stage late in the morning on Tuesday the 27th. The Delaware River continued to rise Tuesday and Wednesday cresting at a record level of 20.37 feet at 700 pm EDT Wednesday the 28th. This broke the previous record of 17.80 feet which occurred just 14 months earlier in April 2005.

Broome County Conklin

27	1315EST				0	0	10M		Flood
30	2359EST								

Both Broome and Susquehanna County were inundated with record flooding from the Susquehanna River near Conklin. Not only did the river rise to record levels, this left all the local tributary streams with no outlet. There was deep water from the backwater built-up in the communities of Conklin and Kirkwood in New York and Hallstead and Great Bend in Pennsylvania. Many homes and several businesses, big and small, were destroyed along the Route 11 and Route 7 corridors that parallel the Susquehanna River. The Conklin gage-house was flooded, and quit briefly near the flood crest. The river rose to the flood stage of 11 feet June 27th at 2:15 pm EDT. The river rose to the major flood level of 20.0 feet June 27 at 11:45 pm EDT. The river crested at 25.0 feet on June 28th at 11:30 am EDT. This broke the previous record of 20.83 feet set in 1948. The Susquehanna River at Conklin remained

Storm Data and Unusual Weather Phenomena

June 2006

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

above the major flooding level of 20 feet through the end of June.

Delaware County

Hale Eddy

	27	1330EST			0	0			Flood
	29	0800EST							

At Hale Eddy, major flooding occurred on the West Branch of the Delaware River. The river rose to the flood stage of 11 feet June 27th at 2:30 PM EDT. The river reached the moderate flooding level of 13 feet June 27th at 7:20 PM EDT. The river rose to the major flooding level of 15 feet June 28th at 2:30 AM EDT. The river crested at 19.1 feet June 28th at 2:00 PM EDT which was about one foot short of the record measured from flood marks of 20.3 feet October 10, 1903.

Otsego County

Countywide

	27	1400EST			0	0	50M		Flash Flood
	28	1400EST							

Widespread heavy rain moved through Otsego County and upstate New York during the day Monday with more heavy rain Monday night and Tuesday morning. This rainfall saturated the soils before another more widespread area of heavy rainfall occurred Tuesday afternoon and night. Tropical moisture combined with a slow-moving front and low pressure system moving up the eastern seaboard to bring extreme rainfall to Otsego County. The serious flash flooding began in Otsego County during the afternoon of Tuesday the 27th and continued until Wednesday afternoon as a total of 6 to 12 inches of rain fell by Wednesday the 28th. The highest rainfall was near Unadilla where the Susquehanna River reached record levels. No one was killed from the floods in Otsego County. A state of emergency was declared Tuesday afternoon as all roads were closed. The sewer plant in Oneonta was flooded sending raw sewage into the Susquehanna River. Hardest hit areas were Leonardsville, Cooperstown, Hartwick, Bridgewater and Oneonta. Route 20 was under nearly three feet of water in East Winfield. Total damage is estimated at 50 million dollars. This was described as the worst flooding in at least 45 years. A total of 75 roads were flooded in the county.

Tioga County

Countywide

	27	1410EST			0	0	100M		Flash Flood
	28	1400EST							

Tropical moisture streamed northward into south central New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture brought heavy showers and thunderstorms across much of upstate New York Sunday through Tuesday morning. Rainfall by Tuesday morning totaled 1 to 2 inches in Tioga County. This initial rainfall saturated the soils before another round of heavier rain moved into the county Tuesday afternoon as the front moved back east and combined with a low pressure system moving up the eastern seaboard. This scenario spelled disaster for Tioga County. Total rainfall for the three day period ending Wednesday was up to 6 inches. This heavy rain sent nearly all streams and creeks over their banks in what was described as the worst flash flooding this county has ever seen. Flash flooding began in Owego at 3:10 pm EDT Tuesday the 27th with some businesses downtown taking on water. By early evening, flash flooding was affecting the Waverly area and soon became widespread Tuesday night especially in the Campville area as another 1 to 3 inches of rain fell. Numerous roads, bridges, businesses and homes were flooded. A total of 5000 homes were affected with 500 homes damaged and 10 destroyed. Hardest hit areas were Tioga, Campville, Owego, Nichols, Barton, and Apalachin. Total damage in Tioga County is estimated at around 100 million dollars. No one was killed. A state of emergency was declared for Tioga county Tuesday evening.

Broome County

Binghamton

	27	1430EST			0	0	5M		Flood
	30	2359EST							

The Susquehanna River in Binghamton is estimated to have crested at 25.0 feet Wednesday June 28th, 11:00 AM EDT. The top of the flood walls protecting downtown Binghamton are at 25.6 feet. The Susquehanna River lapped over the top of these flood walls. This made for dramatic photos, but there was no serious flooding in the protected areas. There were 3000 people evacuated in Binghamton as a precaution. The most serious flooding in Binghamton was at Lourdes Hospital. The hospital was evacuated and shut down. The lower level of the hospital flooded. The river remained above the flood stage in Binghamton through the end of June.

Chenango County

Bainbridge

	27	1445EST			0	0	50M		Flood
	30	2359EST							

The communities of Bainbridge and Sidney were inundated with major flooding during this period. The major source of jobs in the valley is the Amphenol Corporation. This plant closed due to 4 to 5 feet of water that damaged the plant. The Susquehanna River at Bainbridge rose to the 13 foot flood stage Tuesday June 27th at 3:45 pm EDT. The river continued to rise above the moderate inundation stage of 20 feet on Wednesday, June 28th at 4:45 am EDT. The river rose above the major inundation stage of 22 feet on Wednesday, June 28th at 8:45 am EDT. The river crested at a new record of 27.03 feet Thursday June 29th at 11:00 am EDT. The old record flood was March 29, 1914 at 23.10 feet. The gauge was first established in 1907. The river remained above the flood stage through the end of June.

Steuben County

Bath

	27	1500EST 2100EST			0	0	5K		Flash Flood
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Heavy rains caused flooding of several roads in the Bath area Tuesday afternoon and evening the 27th.

Storm Data and Unusual Weather Phenomena

June 2006

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

Schuyler County

Burdett

27	1515EST 2200EST				0	0	15K		Flash Flood
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Heavy rains caused flash flooding along Route 414 in Burdett, Odessa and the Town of Hector.

Broome County

Countywide

27	1600EST				0	0	200M		Flash Flood
28	1400EST								

Tropical moisture streaming into upstate New York ahead of a frontal system which moved westward into the eastern Great Lakes by Tuesday morning the 27th started the flash flood problems in western Broome County early Tuesday. The rain abated for a time during the day Tuesday before another batch of heavy rain fell Tuesday afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. This scenario spelled disaster for Broome County. Total rainfall for the three day period ending Wednesday was up to 9 inches, especially in the Conklin and Windsor areas, which were particularly hard hit. This additional heavy rain sent nearly all streams and creeks over their banks in what was the worst flash flooding this county has ever seen. The county's infrastructure was challenged as major flash flooding began around 5 pm EDT Tuesday and lasted into Wednesday afternoon. A total of at least 40 roads, 5 bridges, dozens of businesses and over 1800 homes were flooded. At least 800 homes in Broome County were destroyed. Damages are estimated at 200 million dollars. All major highways in the Binghamton area were closed due to the flooding including Interstate 81, Route 17, Route 26 and Interstate 88. At least 6000 people were ordered to evacuate from both river and flash flooding. The Nanticoke Creek and Tracey Creek were among many creeks and streams causing major flooding. A state of emergency was declared Tuesday evening for Broome County. The National Guard was called out to assist in numerous water rescues, evacuations and to prevent looting. Hardest hit areas were Conklin, Kirkwood, Chenango Forks, Endicott, Vestal, Johnson City and Endwell. In Conklin, 50 percent of the business district was flooded. The National Guard had to airlift 300 people to safety who were stranded by flood waters as the evacuation shelter at the local high school became surrounded by flood waters. In Windsor, there were at least 100 people in shelters. Countywide over 3000 people were in shelters. In addition to the flash flooding, the Susquehanna and Chenango Rivers, which flow into the Binghamton area were at record high levels Wednesday. The rivers challenged the levee system that protects the city of Binghamton as the water overtopped and undermined the levee in spots. Many homes, roads and businesses along the Chenango and Susquehanna Rivers were severely impacted by flood waters from Windsor to Conklin, Kirkwood, Binghamton, Vestal, Endwell, Johnson City, and Endicott. The flood was the worst in Broome County history as the Susquehanna River broke previous record stages by 3 to 4 feet with river gauging going back almost 100 years. Fortunately no one was injured or killed in Broome County from the massive floods.

Tompkins County

Caroline

27	1630EST				0	0	50K		Flash Flood
28	0400EST								

Heavy rains associated with a cold front and tropical moisture caused flash flooding in the Caroline area. There were several roads closed by the flooding. A total of 2 to 5 inches of rain fell in Tompkins County from Monday the 26th through Wednesday the 28th. The heaviest rain occurred in the Caroline area where around 5 inches fell.

Chenango County

Countywide

27	1700EST				1	0	50M		Flash Flood
28	1400EST								

A steady stream of tropical moisture flowing north into upstate New York ahead of a frontal system across the eastern Great Lakes brought periods of heavy rain and thunderstorms to Chenango County from early Monday the 26th through Tuesday morning the 27th. From 1.5 to 4 inches of rain fell by Tuesday morning. This rain saturated soils before another batch of heavy rain fell Tuesday afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. This additional rainfall caused most small streams and creeks to burst their banks beginning Tuesday the 27th in the evening. The rain finally tapered off early Wednesday morning the 28th. A total of 4 to 7 inches of rain fell across Chenango County which caused numerous small streams and creeks to overflow their banks. The serious flooding began Tuesday evening around 6 pm EDT and lasted into Wednesday afternoon. Hardest hit areas were Afton, Bainbridge, Norwich and Sherburne. In Norwich, the Canasawcta Creek flooded the entire west side of the city with hundreds evacuated. In addition, the entire business district took on water. It is estimated that one half of all homes and businesses in Norwich had some flood damage. Damages were estimated in the millions as at least 300 homes were affected by the flood waters. 200 people were forced to evacuate, 10 people were rescued from the floods. A total of 250 roads were flooded with 2 bridges destroyed. One man was killed by the flood waters.

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Chemung County

East Portion

27	1700EST 2300EST				0	0	5K		Flash Flood
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Heavy rains caused several roads to be flooded in the Southport and Chemung areas Tuesday evening the 27th.

Storm Data and Unusual Weather Phenomena

June 2006

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

NEW YORK, Central

Sullivan County

Barryville	27	1700EST			0	0			Flood
	29	1900EST							

Record flooding occurred on the Delaware River at Barryville. The Delaware River at Barryville rose above the 17 foot flood stage Tuesday evening the 27th. The Delaware River continued to rise Tuesday and Wednesday cresting at a record level of 28.97 feet at 1100 am EDT Wednesday the 28th. This broke the previous record of 24.80 feet which occurred just 14 months earlier in April 2005.

Broome County

Vestal	27	1825EST			0	0	50M		Flood
	30	2359EST							

The Vestal river gage on the Susquehanna River is located 8 miles west of the Binghamton Washington Street Gage. Vestal is on the left bank of the river and the Town of Union Communities of Johnson City, Endwell and Endicott are on the right bank of the Susquehanna River. Each community had extensive flood losses, too numerous to list. Some of the more notable losses are the many homes in areas like the Castle Gardens development which were recovering from losses due to the April 2005 flooding. The inundation of the Enjoi Golf Course forced the cancellation of the "BC Open", a PGA Tour Event. This was a further economic blow for many businesses in the region. The Vestal gage reached the flood stage of 18 feet June 27th at 7:25 pm EDT. It rose to the moderate flooding level of 21 feet June 27th at 11:00 PM EDT. It rose to the major flood level, June 28th at 4:00 AM EDT. The river gage was flooded but continued sending data even though the gage float was as high as it could go. The gage topped out at 32.98 feet, but the USGS made a measurement of the watermark and have the provisional crest at 33.5 feet. The old record for Vestal was 30.5 feet measured from watermarks March 18, 1936. The April 3, 2005 flood crest was 28.87 feet. The local basin average rainfall for June 26 to 29 was 6.87 inches. The river remained well above the flood stage through the end of June at Vestal.

Oneida County Countywide

27	1830EST				0	0	50M		Flash Flood
28	1430EST								

Tropical moisture streamed northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This brought an initial round of heavy rain to Oneida County by Tuesday morning. From 2 to 4 inches of rain fell by Tuesday morning. The rain abated for a short time during the day Tuesday before another batch of heavy rain fell Tuesday afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. Total rainfall for the three day period ending Wednesday was between 4 and 8 inches. This scenario caused the worst flash flooding in Oneida County in 20 years, impacting many areas of the county starting at 730 pm EDT Tuesday and lasting into Wednesday. Hardest hit areas were Western, Deerfield, Vernon and Verona, Kirkland, Oriskany Falls and Steuben. There was one bridge washed out with at least 17 roads flooded. In the town of Deerfield, 22 homes were flooded by the West Canada Creek. No one was killed by the flooding with damage estimates around 50 million dollars. A state of emergency was declared for Oneida County as numerous roads were closed which included the New York State Thruway.

Chenango County Sherburne

27	1835EST				0	0	5M		Flood
30	2359EST								

Record flooding occurred at Sherburne on the Chenango River. At the peak of the flooding, there was three feet of water on Main Street in Sherburne. The river reached the flood stage of 8 feet June 27th at 7:35 PM EDT. The river rose to the moderate flood level of 9 feet June 28th at 9:45 PM EDT. The river rose to the major flood level of 10.6 feet June 28th at 1:00 AM EDT. The record crest was 11.35 feet June 28th at 12:45 PM EDT. The old record was 11.2 feet set March 28, 1914. The third highest crest is 10.78 feet April 3, 2005. The basin average rainfall for June 26 to 29 was 5.84 inches. The river at Sherburne remained above the flood stage through the end of June.

Delaware County Delhi

27	2020EST				0	0	5M		Flood
29	0000EST								

At Delhi, New York, major flooding occurred on the West Branch of the Delaware River. The river rose above the flood stage of 8 feet June 27th at 9:20 PM EDT. The river rose above the moderate flood level of 9.5 feet June 28th at 2:30 AM EDT. The river rose above the major flood level of 10.5 feet June 28th at 3:30 AM EDT. The river crested at 11.75 feet June 28th at 6:45 AM EDT. The record is 12.24 feet November 9, 1996.

Delaware County Unadilla

27	2030EST				0	0	10M		Flood
30	2359EST								

The Susquehanna River at Unadilla rose to the 11 foot flood stage Tuesday June 27th at 09:30 pm EDT. The river continued to rise above the moderate inundation stage of 13 feet on Wednesday June 28th at 5:45 am EDT. The river rose above the major inundation stage of 14.5 feet on Wednesday June 28th at 10:00 am EDT. The river crested at a new record of 17.73 feet Thursday June 29th at 5:15 am EDT. The old record flood was March 18, 1936 at 16.60 feet. The gage was established 1938. The river at Unadilla remained above flood stage through the end of June.

Broome County Windsor

27	2045EST				0	0	5M		Flood
30	2359EST								

The Susquehanna River rose to the flood stage of 15.5 feet Tuesday June 27th at 9:45 pm EDT. The river continued to rise above

Storm Data and Unusual Weather Phenomena

June 2006

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

the moderate inundation stage of 18.5 feet Tuesday June 27th at 11:46 pm EDT. The river rose above the major inundation level of 20.50 feet Wednesday June 28th at 12:45 am EDT. The first crest was 23.72 feet on June 28th at 1:00 pm EDT, and the second crest was 24.27 feet. The old record was 21.22 feet January 20, 1996. The gage was established in 1988. The Susquehanna River at Windsor remained above flood stage through the end of June.

Cortland County Cincinnatus

	27	2131EST			0	0			
	28	1400EST							Flood

At Cincinnatus on the Otselic River, only minor flooding occurred. The river rose above the flood stage of 8 feet June 27th at 10:31 PM EDT. The river crested at 9.59 feet June 28th at 2:01 AM EDT. The record is 12.5 feet July 8, 1935. The basin average rainfall for June 26 to 29 was 5.76 inches.

Broome County Chenango Forks

	27	2204EST			0	0			
	30	0900EST							Flood

Moderate flooding occurred at Chenango Forks on the Chenango River. The river rose to the flood stage of 10 feet June 27th at 11:04 PM EDT. The river rose to the moderate flood level of 12.6 feet June 28th at 7:22 AM EDT. The river crested at 13.74 feet June 28th at around 4 pm EDT. The flood of record is 20.3 feet July 8, 1935. This June 2006 flood crest ranks 9th. The local basin average rainfall for June 26 to 29 was 5.82 inches.

Madison County Countywide

	27	2300EST			0	0	25M		
	28	1300EST							Flash Flood

Tropical moisture streamed northward into upstate New York ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This brought an initial round of heavy rain to Madison County by Tuesday morning causing significant flash flooding in the northern portion of the county. The rain abated for a short time during the day Tuesday the 27th before another batch of heavy rain fell Tuesday afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. Total rainfall for the three day period ending Wednesday was between 4 and 8 inches. This scenario caused major flash flooding in Madison County, impacting many areas of the county starting at around Midnight EDT Wednesday and lasting into Wednesday morning. Hardest hit areas were south of Route 20, including Georgetown, Lebanon, Hamilton, and De Ruyter. Colgate University also had major flooding. A state of emergency was declared for the county. There were 12 bridges washed out, numerous roads flooded, and dozens of people rescued from the flood waters. 50 people had to be evacuated from the flood waters. No one was killed by the flooding with damage estimated at around 25 million dollars.

Chenango County Greene

	27	2300EST			0	0	2M		
	30	1200EST							Flood

Near record flooding occurred at Greene on the Chenango River. The current record at Greene is 22.0 feet set July 8, 1935. The river rose to the flood stage of 13 feet June 28th, 12:00 AM EDT. The river rose to the moderate flood level of 17 feet June 28th at 5:00 AM EDT. The river crested at 21.16 feet June 28th at 4:20 PM EDT.

Chenango County Rockdale

	28	0131EST			0	0	2M	1M	
	30	0700EST							Flood

Record flooding occurred on the Unadilla River at Rockdale. The flooding beat the old record by one foot. The news stories about the record flooding were centered on a Mount Upton firefighter, who nearly lost his own life in a swift water rescue that sent a 5-year old boy to the hospital. The firefighter was swept into the Unadilla River, but was wearing a flotation device and was rescued himself. The other flood news was the enormous amount of dairy farmland and crops that were destroyed by flooding. The river reached the flood stage of 11 feet June 28th at 2:31 AM EDT. The river rose to the moderate flood level of 12 feet June 28th, at 5:45 AM EDT. The river rose to the major flood category of 13 feet June 28th at 10:00 AM EDT. The crest was 13.96 feet on June 29th, at 12:00 AM EDT. The old record at Rockdale was 12.98 feet set December 31, 1942. The basin average rainfall for June 26 to 29 was 5.92 inches.

Tioga County Owego

	28	0330EST			0	0	5M		
	30	2359EST							Flood

Several neighborhoods in Owego became virtual islands during this flood. The Susquehanna River at Owego rose above the flood stage of 30 feet June 28th at 4:30 AM EDT. Moderate flooding (32 feet) began June 28th, at 7:30 AM EDT. Major flooding (33 feet) began June 28th at 9:30 AM EDT. The crest of 35.85 feet was reached June 29th, at 01:30 AM EDT which set a new record. The old record was 33.18 feet April 3, 2005. The January 20 1996 flood crest was 32.97 feet. The river at Owego remained above flood stage through the end of June.

Broome County Deposit

	28	0900EST 1800EST			0	0			
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At Oquaga Creek at Deposit, record flooding occurred. The crest was 10.51 feet June 28, 2006 at 10:00 AM. The old records are 8.98 feet July 4, 1970; 8.44 feet September 18, 2004; and 7.61 feet April 3, 2005.

Storm Data and Unusual Weather Phenomena

June 2006

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, Central</u>									
Steuben County									
Bradford	28	1820EST			0	0			Thunderstorm Wind (G50)
			Large branches were blown down by strong thunderstorm winds.						
Cayuga County									
Moravia	28	1925EST			0	0			Hail (0.75)
Oneida County									
Camden	28	2115EST			0	0	5K		Thunderstorm Wind (G50)
			Trees were blown down by strong thunderstorm winds.						
Seneca County									
Waterloo	29	1619EST			0	0			Hail (0.75)
Seneca County									
Seneca Falls	29	1625EST			0	0			Hail (1.25)
Steuben County									
Corning	29	1640EST			0	0			Hail (0.75)
Cortland County									
Marathon	29	1640EST			0	0			Hail (1.00)
Cayuga County									
Auburn	29	1644EST			0	0			Hail (0.88)
Chemung County									
Elmira	29	1650EST			0	0			Hail (1.00)
Cayuga County									
Auburn	29	1650EST			0	0			Hail (1.00)
Tioga County									
Candor	29	1715EST			0	0			Hail (0.88)
Tioga County									
Spencer	29	1715EST			0	0			Hail (2.00)
Tompkins County									
West Danby	29	1729EST			0	0			Hail (0.75)
Tioga County									
Candor	29	1730EST			0	0			Hail (0.88)
Tioga County									
Apalachin	29	1805EST			0	0			Hail (0.88)
Broome County									
Endicott	29	1810EST			0	0			Hail (0.75)
Delaware County									
East Meredith	29	2003EST			0	0			Hail (0.75)
Delaware County									
Davenport	29	2008EST			0	0			Hail (1.00)
Delaware County									
Meridale	29	2008EST			0	0			Hail (0.88)
Delaware County									
Davenport	29	2008EST			0	0			Hail (0.75)
Tioga County									
Owego	30	1340EST			0	0			Hail (0.88)
Steuben County									
Hammondsport	30	1540EST			0	0			Hail (0.75)
Steuben County									
Bath	30	1540EST			0	0	5K		Thunderstorm Wind (G50)
			Trees and wires were blown down by strong thunderstorm winds.						
<u>NEW YORK, Coastal</u>									
Westchester County									
Central Portion	01	1245EST			0	0			Thunderstorm Wind (G50)
			Trees and wires downed.						
Orange County									
Middletown	01	1315EST			0	0			Thunderstorm Wind (G50)
			Trees and power lines.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Orange County Countywide	01	1400EST 1500EST			0	0			Lightning
Lightning struck several structures in Orange County, causing numerous fires. House fires were reported in Huguenot, Port Jervis, and Middletown.									
Westchester County Mt Kisco	01	1418EST			0	0			Hail (0.75)
Putnam County Carmel	01	1740EST			0	0			Thunderstorm Wind (G50)
Trees and power lines downed by thunderstorm winds.									
Rockland County Stony Pt	01	1800EST 1815EST			0	0			Lightning
Lightning struck at least 6 houses in Stony Point.									
Richmond County West Central Portion	01	1900EST 2000EST			0	0			Flash Flood
Flash flooding on the West Shore Expressway. Thunderstorms developed in a moist and unstable atmosphere on June 1st. Not only did the storms produce very heavy rain and strong winds, they were also prolific lightning producers.									
Richmond County Richmond	01	2000EST			0	0			Lightning
Lightning struck a police car, narrowly missing a police officer standing in front of the North Shore's 120th precinct station house.									
New York County East Central Portion	02	1530EST 1630EST			0	0			Flash Flood
Flash flooding occurred on the FDR, causing it to be closed.									
Queens County Flushing	02	1530EST 1600EST			0	0			Flash Flood
Heavy rainfall caused flash flooding of roadways.									
Richmond County Countywide	02	1600EST 1700EST			0	0			Flash Flood
Rainfall falling at the rate of nearly two inches per hour caused flash flooding of streets across Staten Island. Hylan Blvd was affected the worst with at least a foot of water being observed flowing swiftly down the street. Anywhere between 2 and 4 inches of rain fell across New York City from late afternoon into the evening hours on June 2nd due to thunderstorms that tapped a very moist and unstable airmass. Central Park recorded 3.53 inches of rainfall.									
Orange County 2 S Maybrook	20	1625EST			0	0			Hail (0.75)
Westchester County 1 W Mt Kisco	29	1415EST			0	0			Hail (0.75)
Trees downed in addition to the penny size hail.									
Richmond County Tottenville	29	1745EST 1750EST			0	0			Hail (0.88)
Penny to nickel size hail was observed.									
Richmond County Tottenville	29	1745EST 1750EST			0	0			Thunderstorm Wind (G50)
Trees and power lines downed.									
Richmond County Huguenot	29	1800EST 1900EST			0	0			Flash Flood
Flash flooding of roads submerged vehicles. A few houses were surrounded by 5 feet of water.									
New York County East Portion	29	1830EST 1900EST			0	0			Flash Flood
Major flash flooding on FDR Drive.									

Storm Data and Unusual Weather Phenomena

June 2006

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 YORK, Coastal</u>									
Queens County									
Bayside	29	1845EST			0	0			Hail (0.88)
									Slow moving thunderstorms produced a wide array of severe weather. Flash flooding, large hail, and damaging winds were all experienced when thunderstorms ignited in a very moist and unstable airmass during the afternoon and evening of June 29th.
Bronx County									
Bronx	29	1815EST			0	1			Lightning
									Lightning struck a person at Crotona Park pool. Extent of injuries unknown.
<u>NEW YORK, East</u>									
Ulster County									
Lake Katrine	01	1300EST			0	0			Hail (0.75)
									A trained spotter reported penny-sized hail at Lake Katrine.
Dutchess County									
Hyde Park	01	1335EST			0	0			Hail (0.88)
									A trained spotter reported nickle-sized hail at the Vanderbilt National Historic Site in Hyde Park.
Ulster County									
Highland	01	1335EST			0	0			Hail (0.75)
									A trained spotter reported penny-sized hail in Highland.
Dutchess County									
Rhinebeck	01	1405EST			0	0			Hail (0.75)
									A trained spotter reported penny-sized hail at Rhinebeck.
Dutchess County									
Stanfordville	01	1427EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported trees and wires blown down along Route 82 in Stanfordville.
Rensselaer County									
Rensselaer	01	1811EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported numerous small trees blown down in Rensselaer. On the last day of May a north-south stationary front over central New York dissipated leaving residual moisture and instability over upstate New York. At daybreak on June 1, a slow-moving cold front over the St Lawrence Valley sliced into this unstable air mass over upstate New York producing afternoon thunderstorms, several of which became severe, containing large hail and damaging wind gusts.
Warren County									
Bolton	19	1400EST			0	3			Thunderstorm Wind (G60)
									Park/Forest Service personnel reported trees blown down on Lake George's Big Burn Island and Hatchett Island. Minor injuries were occurred when a tree fell on a tent.
Washington County									
Whitehall	19	1437EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported wires were blown down onto Route 12 in Whitehall.
Saratoga County									
Northumberland	19	1457EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported a tree and wires blown down on Lindsay Road at Route 32.
Washington County									
Easton	19	1515EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported wires blown down on Hoge Road in Easton.
Rensselaer County									
Troy	19	1550EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported trees and wire were blown down in Troy.
Albany County									
Bethlehem Center	19	1556EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported that trees were blown onto a power line along Beaver Dam Road.
Columbia County									
Stuyvesant	19	1605EST			0	0			Thunderstorm Wind (G60)
									Fire Department personnel in Stuyvesant report that 5 trees were blown down.
Ulster County									
Saugerties	19	1621EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported that trees and wires were blown down in Saugerties.
Dutchess County									
Washington Hollow	19	1740EST			0	0			Thunderstorm Wind (G60)
									Law enforcement personnel reported that trees were blown down in Washington Hollow.

Storm Data and Unusual Weather Phenomena

June 2006

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

NEW YORK, East

Early in the day on June 19, low pressure was over western Quebec Province with a cold front trailing southwestward to a weak wave over the northern Great Lakes, then southward to the central Mississippi Valley. The air over eastern New York became more unstable during the day as a moderate west southwesterly breeze brought more moisture into the Northeast. Several severe thunderstorms formed in the afternoon producing damaging wind gusts.

Dutchess County

Pleasant Vly

20	1632EST			0	0				Hail (0.75)
	1732EST								

A trained spotter reported penny-sized hail at Pleasant Valley.

Dutchess County

Moore's Mill

20	1655EST			0	0				Hail (0.88)
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A trained spotter reported nickel-sized hail at Moore's Mill.

Early in the day on June 20, a fairly strong cold front lay in an arc from near the mouth of the St Lawrence Valley to just north of the Ohio Valley. The front moved southeastward to off the Atlantic Coast late at night. The air mass covering eastern New York was moist and unstable. As the front moved across eastern New York in the afternoon, it produced a couple of severe thunderstorms containing large hail.

Dutchess County

La Grange

25	1815EST	0.5	150	0	0				Tornado (F1)
	1835EST								

An Emergency Manager reported that a tornado occurred at Lagrangeville. The tornado was on the ground between 15 and 30 seconds traveling half a mile and cutting a path 150 yards wide.

On June 24, a weak wave of low pressure had moved northeastward through New England. In its wake, it left a stationary front boundary along the New England coast. The air mass over southeastern New York State was moist and fairly unstable and there was considerable environmental wind shear over the region. On the evening of June 25, a supercell thunderstorm formed in Dutchess County. This thunderstorm briefly produced an F1 tornado, which was on the ground 15 to 30 seconds cutting a path a half mile long and 150 yards wide in the vicinity of Lagrangeville..

Fulton County

Bleecker

26	1745EST			0	0				Thunderstorm Wind (G60)
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An emergency manager reported that trees were blown down in Bleecker.

From June 24 through June 25 an upper level ridge strengthened off the eastern Atlantic Coast. The increasing southeasterly flow in the low levels of the atmosphere along the New England coast caused a nearly stationary front near the Atlantic Coast to drift northwestward into New York State. During the afternoon of June 25, this front lay from the northern Champlain Valley to the central southern tier of New York. A band of heavy rainfall occurred just to the southeast of this front. The heaviest rainfall was from the Catskills to the mid Hudson Valley. A few thunderstorms formed along the frontal boundary over east central New York during the afternoon. One thunderstorm became severe, producing damaging wind gusts.

Warren County

Pottersville

26	2300EST			0	1	40K			Flash Flood
27	0500EST								

According to a newspaper report, a woman suffered minor injuries near Pottersville when the vehicle she was driving fell through a section of Olmstead Road that was undermined by flooding Fish Creek. The flood water was from the combination of heavy rainfall and a breached beaver dam.

On June 26, a slowly-moving frontal boundary left 3 to 4 inches of rainfall in its wake as it drifted northwestward across the Lake George Northern Saratoga region of eastern New York. The rainfall caused a beaver dam near Pottersville to burst which resulted in a washout of a section of County Route 19, also known as Olmsteadville Road. County highway repair personnel said that the heavy rainfall resulted in partial damage to 7 roads in the county, and they estimated that the damage was about 40,000 dollars.

Herkimer County

Ilion

28	0245EST			0	0				Flash Flood
	0845EST								

An emergency manager reported that Fulmer Creek flooded a trailer park in German Flatts, about 5 miles southeast of Ilion. Twelve homes were evacuated.

Herkimer County

Little Falls

28	0245EST			0	0				Flash Flood
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An emergency manager reported that Routes 5 and 168 were closed due to flooding and mud slides.

Herkimer County

Little Falls

28	0245EST			0	0				Flash Flood
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An emergency manager reported that a house was lifted off its foundation in Little Falls, due to a mud slide.

Fulton County

Stratford

28	0500EST			0	0				Flash Flood
	1100EST								

An emergency manager reported that flooding of the East Canada Creek caused numerous evacuations across the western portion of Fulton County in the vicinity of Stratford and Dolgeville. Route 29A was flooded at Stratford.

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Herkimer County									
Dolgeville	28	0500EST 1100EST			0	0			Flash Flood
An emergency manager reported that East Canada Creek was flooding and that evacuations have occurred along Main Street in the village of Dolgeville. The water level rose to the bottom the the Route 29 bridge.									
Montgomery County									
Ames	28	0500EST 1100EST			0	0			Flash Flood
An emergency manager reported that widespread flooding along Brimstone Creek occurred. West Ames Road and Old Sharon Road, between Route 10 and Latimer and Shunk Roads, were closed due to flooding.									
Schoharie County									
Charlotteville	28	0600EST 1200EST			0	0			Flash Flood
A trained spotter reported that a small bridge was flooded at Charlotteville.									
Schoharie County									
Cobleskill	28	0600EST 1200EST			0	0			Flash Flood
Law enforcement personnel reported that State Route 7 was closed due to flooding from the Cobleskill Creek at the east end of the village of Cobleskill.									
Schoharie County									
Gilboa	28	0700EST			0	0			Flash Flood
A trained spotter reported that there was a mud slide across Stryker Road in Gilboa.									
Montgomery County									
Canajoharie	28	0700EST 1300EST			0	0			Flash Flood
A trained spotter reported that evacuations occurred along Route 80, which was closed due to flooding, near the village of Fort Plain. A state of emergency was in effect in Montgomery County.									
Schoharie County									
Warnerville	28	0705EST 1305EST			0	0			Flash Flood
A trained spotter reported that the Cobleskill Creek flooded several buildings and roads in Warnerville including the Post Office.									
Schoharie County									
Richmondville	28	0745EST			0	0			Flash Flood
A trained spotter reported that a mud slide occurred in Richmondville.									
Schoharie County									
Gilboa	28	0750EST 1350EST			0	0			Flash Flood
A trained spotter reported that Campbell Road in Gilboa was closed due to flooding from the Keyserkill Creek. A State of Emergency was in effect in Schoharie County.									
Herkimer County									
Ingham Mills	28	0815EST 1415EST			0	0			Flash Flood
An emergency manager reported that water was spilling from the Kyser Lake Dam on East Canada Creek and that evacuations were occurring downstream. The National Grids buildings were flooded.									
Schoharie County									
Broome Center	28	0842EST 1442EST			0	0			Flash Flood
Law enforcement personnel reported that State Route 145 was flooded from the Catskill Creek in the vicinity of Broome Center.									
Herkimer County									
Dolgeville	28	0900EST 1500EST			0	0			Flash Flood
Law enforcement personnel reported that a building was washed into East Canada Creek in Dolgeville.									
Herkimer County									
Ilion	28	0900EST 1500EST			0	0			Flash Flood
Law enforcement personnel reported that around 200 people were evacuated from Ilion, Dolgeville, Mohawk, and Frankfort due to flooding.									

Storm Data and Unusual Weather Phenomena

June 2006

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, East									
Schoharie County									
Cobleskill	28	0917EST 1517EST			0	0			Flash Flood
									Law enforcement personnel reported that Route 10 to the west of Cobleskill was impassable due to flooding.
Hamilton County									
Indian Lake	28	0920EST 1520EST			0	0			Flash Flood
									A trained spotter reported that Cedar River and Big Brook were flooding.
Ulster County									
Willow	28	0923EST 1523EST			0	0			Flash Flood
									A trained spotter reported that many streams in the vicinity of Willow were flooding.
Hamilton County									
Benson	28	1000EST 1600EST			0	0			Flash Flood
									Law enforcement personnel reported that Route 30 and Stoney Road were closed due to flooding
Fulton County									
Oppenheim	28	1023EST 1623EST			0	0			Flash Flood
									Law enforcement personnel reported that several roads in the area surrounding Oppenheim were closed due to flooding.
Greene County									
Catskill	28	1115EST 1715EST			0	0			Flash Flood
									Law enforcement personnel reported that several roads in Greene County were closed in, and near the towns of Catskill, Cairo and Haines Falls due to flooding.
									An upper level ridge over the western Atlantic Ocean which had been building westward for a couple of days prior to June 28 began to slowly retreat on June 28 as an upper level trough over the Mississippi Valley began drifting very slowly eastward. A frontal boundary which had drifted westward into western New York on June 27 began drifting eastward and was over east central New York at daybreak on June 28. A small low pressure was in the vicinity of the eastern Southern Tier of New York State. This was a weak cyclone of tropical origin. A band of heavy rainfall occurred just to the southeast of the front. The heaviest rainfall was from the eastern Southern Tier of New York State to the southern Adirondacks. Three to 5 inches of rainfall occurred in east central New York over about a 24-hour period from daybreak June 27 to June 28. And from June 26 to 28, nearly 10 inches of rain occurred in the southern Adirondacks according to radar estimates. Additional rainfall occurred on the morning of June 28 as the tropical cyclone moved northward through eastern New York State.
									The heavy rainfall produced widespread flooding across east central New York State. There was severe major level flooding on portions of the Mohawk River and some of its tributaries, and moderate to near major flooding on some of the Catskill Mountain drainages. Record flooding occurred on the Mohawk River at Little Falls and on the Canajoharie Creek. A record flood may have occurred on the East Canada Creek between Dolgeville and the Mohawk River. Also, moderate to near major flooding occurred at Kast Bridge, Hinckley, and Schenectady. Flooding, mainly minor, occurred along the Hudson River and its tributaries, including Hope (here moderate to near major flooding was observed), Troy, Riverbank, and Ft. Edward. In the Catskills, flooding approached major levels near Kingston on the Esopus. Elsewhere in the Catskills, mainly minor flooding was noted.
									Readers are referred to the E-5 report from the National Weather Service's Albany office for details on the flooding that occurred on the main stem (gaged) rivers.
									There was a considerable amount of flood damage. However as of mid summer 2006, when this report was filed, the damage figure was very preliminary. Damage was estimated to be around 50 million dollars. About 8,000 customers of National Grid were without power. In some cases, power was intentionally cut to homes and businesses to reduce the fire threat. A 117-mile stretch of the New York State Thruway was closed between Interchange 25A and Interchange 34A beginning at 11:45 am June 28, 2006 and lasting until 10:15 am June 29, 2006. Flooding from the Mohawk River between Fultonville and Canajoharie led to portions of the Thruway being under five feet of water. This was the worst flooding on the Barge Canal during the navigation season since its reconstruction in 1905. Forty-five locks were closed. In some locations, the flood waters deposited 100-foot deep debris piles. Thirty-five vessels were stranded in the canal system. Freight and passenger rail services were interrupted between Albany and Buffalo.
Schenectady County									
Niskayuna	29	1320EST			0	0			Thunderstorm Wind (G60)
									A former National Weather Service employee reported that two 10-inch diameter trees were blown down in Niskayuna by Lock 7 and Rosendale Roads.

Storm Data and Unusual Weather Phenomena

June 2006

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 YORK, East</u>									
Dutchess County									
Moores Mill	29	1520EST			0	0			Hail (0.88)
Newspaper personnel reported that nickel-sized hail occurred at Moors Mill.									
Albany County									
Altamont	29	1640EST			0	0			Hail (0.75)
A member of the general public estimated that penny-sized hail occurred at Altamont.									
Schenectady County									
Rotterdam	29	1652EST			0	0			Hail (0.88)
A trained spotter reported that nickle-sized hail occurred at Rotterdam.									
Schenectady County									
Scotia to Rotterdam	29	1653EST			0	0			Hail (0.75)
A trained spotter reported that penny-sized hail occurred at Scotia.									
Schenectady County									
Schenectady	29	1705EST			0	0			Thunderstorm Wind (G60)
Law enforcement personnel report that trees were blown down onto cars and a house on Campbell Avenue in Schenectady.									
Saratoga County									
West Milton	29	1727EST			0	0			Thunderstorm Wind (G60)
Law enforcement personnel report that trees were blown down in West Milton.									
Fulton County									
Stratford	29	1910EST			0	0			Hail (1.00)
A trained spotter reported that quarter-sized hail occurred in Stratford.									
Saratoga County									
Malta	29	1940EST			0	0			Thunderstorm Wind (G60)
A National Weather Service employee reported a measured wind gust of 60 miles an hour in a thunderstorm at Malta. After being nearly stationary while deepening for several days, an upper-level trough from the Great Lakes to the lower Ohio Valley was accelerating eastward at daybreak on June 29. An associated weak low pressure over Lake Erie trailed a cold front through the Ohio Valley. During the day, this system moved rapidly eastward and touched off thunderstorms in the warm, humid air mass over eastern New York and adjacent western New England from mid afternoon through early evening. There were many severe thunderstorms containing large hail and damaging wind gusts. The bulk of the severe activity was in, or near the Capital District.									
Hamilton County									
Hope Falls	29	1952EST			0	0			Hail (1.00)
Park/Forest Service personnel reported that quarter-sized hail occurred in Hope Falls.									
<u>NEW YORK, North</u>									
Franklin County									
4 SW Santa Clara	19	1205EST			0	0	5K		Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York. This led to the development of thunderstorms across northern New York during midday. A few thunderstorms produced severe weather, including damaging winds that downed trees and several large branches near Santa Clara.									
St. Lawrence County									
Childwood	19	1210EST			0	0	2K		Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York. This resulted in the development of thunderstorms across northern New York during midday. A few thunderstorms produced severe weather, including damaging winds that downed several large branches and a few trees near Childwood.									
Franklin County									
Saranac Lake	19	1235EST			0	0	3K		Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York. This led to the development of thunderstorms across northern New York during midday of the 19th. A few thunderstorms produced severe weather, including damaging winds that knocked down several large branches and resulted in minor power outages in Saranac Lake.									
Essex County									
Wilmington	19	1245EST			0	0	5K		Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York. This resulted in the development of thunderstorms across northern New York during midday on the 19th. A few thunderstorms produced severe weather, including damaging winds that downed trees in Wilmington.									
Clinton County									
Schuyler Falls	19	1320EST			0	0	2K		Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York.									

Storm Data and Unusual Weather Phenomena

June 2006

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

This led to the development of thunderstorms across northern New York during midday on the 19th, that moved into the Champlain Valley by early afternoon. A few thunderstorms produced severe weather, including damaging winds that downed several large branches at Schuyler Falls.

Clinton County Plattsburgh

19	1340EST				0	0	10K	Thunderstorm Wind (G55)
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A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th and developed a line of thunderstorms that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, in the form of wind damage, across Clinton county, including numerous trees and utility poles blown over in Plattsburgh.

Essex County Crown Pt

19	1350EST				0	0	2K	Thunderstorm Wind (G50)
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Essex County Moriah

19	1350EST				0	0	5K	Thunderstorm Wind (G50)
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Essex County Westport

19	1350EST				0	0	3K	Thunderstorm Wind (G50)
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Essex County Willsboro

19	1350EST				0	0	5K	Thunderstorm Wind (G50)
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A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th. This developed a line of thunderstorms that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, in the form of wind damage, across Essex county, including numerous trees and powerlines down in Willsboro, Moriah, Crown Point and Westport.

Essex County Ticonderoga

20	1130EST				0	0		Hail (0.75)
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A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during midday of the 20th. This led to scattered thunderstorms across the Champlain Valley of New York, including a severe thunderstorm in Ticonderoga that produced penny size (3/4 inch diameter) hail.

Essex County Countywide

26	1215EST 2000EST				0	0	25K	Flood
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On the morning of the 26th...a deep upper atmospheric trough was located across the Mississippi River Valley, while a quasi-stationary warm front was across the Champlain Valley. This combination allowed copious amounts of moisture to advect northward from the Gulf of Mexico into the Champlain Valley in the form of rain on the 26th. Widespread rainfall totals across the Champlain Valley in New York were 1 to 3 inches, with a concentrated area of 3 to 5 inches in southeast Essex county. Some observed rainfall totals included Schroon Lake with 3.83 inches and Mineville with 3.60 inches. Several roads were flooded in the Ticonderoga - Schroon Lake area, including Routes 9N and 22 and some basement flooding was observed. Roads were flooded in Minerva, including a washout on Potterville Rd.

Essex County Keene

28	0700EST 1200EST				0	0	5K	Flood
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On the early morning of the 28th, a persistent deep upper atmospheric trough was located across the Mississippi River Valley, while a cold front and weak area of low pressure was slowly moving east across New York. More steady rainfall fell across Essex county New York, an area that had witnessed heavy rainfall for the last several days. The end result was several bankfull streams and rivers with flooded fields as well as some scattered flooding of roads, including the Hulls Falls Road in Keene, along the upper reaches of the East Branch of the AuSable River.

St. Lawrence County Chippewa Bay

30	1235EST				0	0		Hail (1.00)
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A strong mid-level disturbance, with a cold temperature pool aloft, moved across the Saint Lawrence Valley of New York during the early afternoon of the 30th. The instability generated was enough to create isolated thunderstorms across the region, which produced Quarter size hail (one inch diameter) at Chippewa Bay.

NEW YORK, West

Cayuga County Cato

19	1050EST				0	0	20K	Thunderstorm Wind (G55)
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Oswego County West Monroe

19	1140EST				0	0	15K	Thunderstorm Wind (G50)
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Showers and thunderstorms developed ahead of a cold front during the late morning and early afternoon hours. The thunderstorm winds downed trees in Cato and West Monroe. In Cato, a roof was torn off a garage by the wind.

Cattaraugus County Allegany

19	1920EST				0	0	8K	Thunderstorm Wind (G50)
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Thunderstorms accompanied the passage of a cold front during the evening hours. In the town of Allegany in Cattaraugus county the thunderstorm winds downed power lines.

Storm Data and Unusual Weather Phenomena

June 2006

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, West									
Allegany County									
Bolivar	22	1805EST			0	0	8K		Thunderstorm Wind (G50)
Allegany County									
Andover	22	1840EST			0	0	5K		Thunderstorm Wind (G50)
Thunderstorms developed in a warm, moist flow ahead of an approaching cold front. The winds from one thunderstorm downed trees and power lines in Bolivar and Andover as it crossed Allegany county.									
Chautauqua County									
Lakewood	28	1522EST			0	0	5K	10K	Hail (1.75)
Monroe County									
Penfield	28	1550EST			0	0	10K		Hail (1.50)
Cattaraugus County									
South Dayton	28	1551EST			0	0	5K	5K	Hail (0.88)
Monroe County									
Webster	28	1600EST			0	0	15K		Thunderstorm Wind (G53)
Allegany County									
Belmont	28	1615EST			0	0	10K		Thunderstorm Wind (G50)
Ontario County									
Clifton Spgs	28	1640EST			0	0	8K		Thunderstorm Wind (G50)
Wayne County									
Clyde	28	1730EST			0	0	8K		Hail (0.75)
Cayuga County									
Cato	28	1805EST			0	0	10K		Thunderstorm Wind (G50)
Showers and thunderstorms accompanied the passage of a cold front during the afternoon hours. The thunderstorms produced damaging winds and large hail. Winds downed trees in Clifton Springs, Webster, Belmont, and Cato. A garage door was blown-in in Webster. Hail up to 1.75 inch fell in Lakewood, South Dayton, Clyde and Penfield.									
Allegany County									
Rushford	29	1504EST			0	0	15K		Thunderstorm Wind (G50)
Monroe County									
Henrietta	29	1511EST			0	0	10K		Hail (1.50)
Thunderstorms developed across the region as an upper level trough crossed during the afternoon hours. One and a half inch hail fell in Henrietta. In Rushford, the thunderstorm winds downed power lines.									
Allegany County									
West Clarksville	29	1525EST			0	0	50K		Lightning
A house was struck by lightning and set ablaze in the town of West Clarksville. The house was destroyed and left unlivable. A family of three was left homeless.									
Erie County									
Cheektowaga	30	1320EST			0	0	10K		Hail (1.00)
Erie County									
Lancaster	30	1345EST			0	0	8K		Hail (0.75)
Erie County									
Cheektowaga	30	1355EST 1405EST	3	75	0	2	250K		Tornado (F1)
Wyoming County									
Varysburg	30	1430EST			0	0	8K		Hail (0.75)
Erie County									
Colden	30	1450EST			0	0	8K		Hail (0.75)
Erie County									
Hamburg	30	1810EST			0	0	5K		Hail (0.88)
Niagara County									
Wheatfield	30	1855EST			0	0	5K		Hail (0.88)

Thunderstorms developed during the afternoon hours as an upper level trough crossed the region. The storms produced hail up to one inch in diameter. Hail reports spanned from Wheatfield across Cheektowaga, Lancaster, Hamburg and Colden to Varysburg. One thunderstorm spawned a tornado which moved across the Town of Cheektowaga. The tornado initially touched down around 2:55 p.m. on Walden Avenue near Harlem Road and traveled from the northwest to the southeast through the town. On Walden Avenue, a construction trailer was moved several hundred feet. The worker in the trailer suffered minor injuries. As the tornado moved across the New York State Thruway, it lifted a tractor trailer and deposited on its side across the Jersey barrier. The driver of the truck suffered a broken leg. The tornado continued on its southeast trek damaging a 20 by 30 foot section of a wall on a warehouse and then downed trees as it crossed through central Cheektowaga. The tornado touched down several times along its

Storm Data and Unusual Weather Phenomena

June 2006

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

path. Its final touchdown was at the Parkside Village Mobile Home Park around 3:05 p.m. where three mobile homes sustained significant damage and eight others sustained minor damage. The tornado was ranked an F1 with a path length of three miles and a width of 75 yards.

Lewis County									
Indian River	30	1555EST			0	0	15K		Thunderstorm Wind (G50)
Jefferson County									
Limerick	30	1615EST			0	0	8K		Hail (1.00)
Jefferson County									
Watertown	30	1635EST			0	0	5K		Hail (1.00)

Thunderstorms developed during the afternoon hours as an upper level trough crossed the region. The storms produced hail up to one inch in diameter in Jefferson county. In Indian River, Lewis county, the thunderstorm winds downed trees.

NORTH CAROLINA, Central

Randolph County									
Ramseur	02	1424EST			0	0			Hail (0.88)

Randolph County									
Ramseur	02	1424EST			0	0			Thunderstorm Wind (G50)

Trees down in Ramseur.

Person County									
8 SW Roxboro	02	1458EST			0	0	65K		Thunderstorm Wind (G50)

Two homes and two vehicles with tree damage in Hurdle Mills on Charlie Monk and Wolfe Road. One barn damaged and one completely destroyed. Also one mobile home damaged.

Franklin County									
Franklinton	02	1524EST			0	0			Thunderstorm Wind (G50)

Roof blown off a mobile home near US 1.

Chatham County									
1 S Goldston	05	1435EST			0	0			Hail (0.75)

Lee County									
4 W Sanford	05	1500EST			0	0			Hail (0.75)

Multiple reports of penny size hail west of Sanford.

Harnett County									
Olivia	05	1609EST			0	1			Lightning

Cumberland County									
1 N Spring Lake	05	1635EST			0	0			Hail (0.75)

Penny size hail reported on north bragg blvd.

Sampson County									
11 NE Clinton	05	1835EST			0	0			Hail (0.75)

Reported near interstate 40 and state route 403.

Sampson County									
11 NE Clinton	05	2020EST 2220EST			0	0			Flash Flood

Minor flooding on state route 403...2 miles west of interstate 40.

Franklin County									
2 WNW Youngsville	06	1430EST			0	0			Hail (0.75)

Reported near the US 1 and NC highway 96 junction.

Chatham County									
10 E Pittsboro	06	1505EST			0	0			Hail (0.75)

Reported near US highway 64 and Beaver Creek Road.

Franklin County									
2 NE Louisburg	06	1517EST			0	0			Hail (1.75)

Reported on highway 561.

Granville County									
4 NE Oxford	06	1525EST			0	0			Hail (0.75)

Reported near Interstate 85 and US highway 158 junction.

Wake County									
6 S New Hill	06	1530EST			0	0			Hail (0.75)

Reported 6 miles south of US highway 1.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Wake County 3 WNW Wendell	06	1554EST			0	0			Hail (0.75)
									Reported near the intersection of US highway 64 and Rolesville Road.
Johnston County Clayton	06	1623EST			0	0			Hail (0.75)
Orange County 2 ESE Efland	06	1625EST			0	0			Hail (0.75)
									Reported near the Interstate 85 and Interstate 40 split.
Guilford County 1 N High Pt	08	1446EST			0	0			Hail (0.75)
									Reported on Skeet Club Road on the north side of High Point.
Randolph County 6 S Asheboro	08	1539EST			0	0			Hail (1.00)
									Reported at Old Cox Road and Zoo Parkway.
Scotland County Laurinburg	08	1610EST			0	0			Hail (1.00)
Hoke County 4 SE Raeford	08	1630EST			0	0			Thunderstorm Wind (G50)
									One tree down on highway 220.
Harnett County Coats	08	1748EST			0	0			Thunderstorm Wind (G50)
									Numerous trees down around the Coats area.
Sampson County 10 S Clinton	08	1820EST			0	0			Thunderstorm Wind (G50)
									Several trees down near Delway on highway 421.
Johnston County Princeton	08	1838EST			0	0			Thunderstorm Wind (G50)
									Several trees down in Princeton area.
Forsyth County Kernersville	11	0338EST			0	0			Hail (0.75)
									Reported on Interstate 40 in Kernersville.
Guilford County 5 NE Greensboro	11	0343EST			0	0			Hail (0.75)
									Reported on US highway 29.
Orange County Hillsborough	11	0435EST			1	0			Lightning
									Tree fell on Interstate 85 near mile marker 168 when lightning struck a tree. One fatality when a motorcyclist struck the down tree. M?VE
Anson County 3 SW Wadesboro	11	1630EST			0	0			Thunderstorm Wind (G50)
									Tree down off NC Highway 109 on Pleasant Hill Church Road.
Anson County 1 NE Wadesboro	11	1630EST			0	0			Thunderstorm Wind (G50)
									Trees down on NC Highway 109.
Anson County 1 NW Wadesboro	11	1630EST			0	0			Thunderstorm Wind (G50)
									Trees down near NC highway 742 and Brown Creek Church Road.
Forsyth County Clemmons	11	1631EST			0	0			Hail (0.75)
Anson County Ansonville	11	1644EST			0	0			Hail (1.75)
Guilford County Stokesdale	11	1656EST			0	0			Hail (0.75)
									Reported at the intersection of highway 158 and highway 220.
Johnston County Princeton	11	2020EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Wake County									
Garner	11	2020EST 2220EST			0	0			Flash Flood
			Flash flooding reported at US highway 401 and Simpkins Road near Colonial Heights.						
Johnston County									
5 SW Clayton	11	2025EST			0	0			Hail (0.75)
			Penny size hail in the town of Cleveland.						
Wayne County									
Goldsboro	11	2025EST			0	0			Hail (0.75)
			Reported near Wayne Memorial Drive and highway 70.						
Wake County									
6 S Garner	11	2029EST			0	0			Thunderstorm Wind (G56)
Johnston County									
3 NW Coats Xrds	11	2035EST			0	0			Hail (0.75)
			Reported on interstate 40 between exits 319 and 312.						
Guilford County									
3 E Stokesdale	11	1709EST			0	0			Hail (0.75)
			Penny size hail covering the ground on highway 158 and 220.						
Davidson County									
Thomasville	11	1714EST			0	0			Hail (1.75)
			Golf ball size hail on the north side of Thomasville near US highway 70.						
Guilford County									
Greensboro	11	1730EST			0	0			Thunderstorm Wind (G50)
			Two trees down near intersection of Owen and markham Road.						
Guilford County									
Greensboro	11	1730EST			0	0			Thunderstorm Wind (G52)
			60 mph wind gusts estimated near Lake Jeanette.						
Guilford County									
Greensboro	11	1730EST			0	0			Hail (1.50)
			Quarter to ping pong size hail reported near Lake Jeanette.						
Guilford County									
Greensboro	11	1730EST			0	0			Thunderstorm Wind (G50)
			Trees on power lines at Rankin Church near Summit Ave.						
Guilford County									
Greensboro	11	1730EST			0	0			Thunderstorm Wind (G50)
			Two large oak trees down near the intersection of Summit Ave. and Dane St.						
Guilford County									
Greensboro	11	1734EST			0	0			Hail (0.75)
			Penny size hail reported near Owen Road and Wichita Road.						
Stanly County									
4 S Stanfield	11	1741EST			0	0			Thunderstorm Wind (G50)
			Trees down near Love Mill Road and Talley Road.						
Guilford County									
3 SW Greensboro	11	1825EST			0	0			Thunderstorm Wind (G50)
			Tree down 3 miles southwest of the Piedmont Triad International Airport.						
Alamance County									
4 E Snow Camp	11	1835EST			0	0			Thunderstorm Wind (G50)
			Several trees down in the southeast portion of the county.						
Chatham County									
1 N Moncure	11	1930EST			0	0			Thunderstorm Wind (G50)
			Several trees down along US highway 1 near exit 79.						
Chatham County									
Pittsboro	11	1930EST			0	0			Thunderstorm Wind (G50)
			Numerous trees down throughout the city.						
Chatham County									
Corinth	11	1945EST			0	0			Thunderstorm Wind (G50)
			Numerous trees down in Corinth and Moncure.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Johnston County 10 SW Princeton	11	1945EST			0	0			Thunderstorm Wind (G50) Trees down near Harper House Road south of the Bentenville area.
Wake County 2 S Holly Spgs	11	2001EST			0	0			Thunderstorm Wind (G50) Numerous trees down south of Holly Springs near the Wilbon area.
Harnett County 2 WNW Angier	11	2005EST			0	0			Thunderstorm Wind (G50) Tree down on Atkins Road near the Wake County line. Automobile hit tree in the road. No injuries reported.
Harnett County 3 SW Duncan	11	2005EST			0	0			Thunderstorm Wind (G50) Tree down on Cokesbury Road.
Harnett County 2 N Lillington	11	2005EST			0	0			Thunderstorm Wind (G50) Power lines down on Matthews Road near HWY 401 North.
Harnett County Angier	11	2005EST			0	0			Thunderstorm Wind (G50) Trees down on Wyndham Place Drive off of Rawls Church Road.
Wake County 7 S Raleigh	11	2010EST			0	0			Hail (0.75) Penny size hail reported near US highway 401 and Ten Ten Road.
Wake County 2 SW Fuquay Spgs	11	2015EST			0	0			Thunderstorm Wind (G50) Large trees down blocking Piney Grove-Wilbon Road.
Scotland County Laurinburg	12	1355EST			0	0			Hail (1.00) Reported in the City of Laurinburg.
Richmond County 3 SSW Rockingham	12	1520EST			0	0			Hail (1.00) Quarter size hail covering the ground at Loch Haven Golf Course.
Randolph County Coleridge	12	1635EST			0	0			Thunderstorm Wind (G50) Several trees down.
Randolph County Ramseur	12	1635EST			0	0			Thunderstorm Wind (G50) Several trees down.
Harnett County Erwin	12	1642EST			0	0			Hail (1.00)
Harnett County Dunn	12	1645EST			0	0	25K		Thunderstorm Wind (G50) Numerous trees and power lines down in the areas of Dunn...Erwin...and Bunn Level. Also a roof was blown off a mobile home.
Harnett County 3 NE Dunn	12	1655EST			0	0			Thunderstorm Wind (G50) Numerous trees down and signs blown down along Interstate 95 near exit 77. Shingles blown off roofs of nearby structures.
Wayne County Mt Olive	12	1700EST			0	0			Thunderstorm Wind (G50) Several trees blown down.
Johnston County Benson	12	1715EST			0	0	5K		Thunderstorm Wind (G50) Several trees and power lines down within the city limits. A canopy was also blown off a gas station.
Anson County Countywide	14	0700EST 1030EST			0	0			Flash Flood Numerous road closures due to high water. Sporadic evacuations of residential areas in Wadesboro and Lilesville. 5.1 inches of rain measured at Wadesboro.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>NORTH CAROLINA, Central</u>									
Montgomery County									
Central Portion	14	0800EST 1000EST			0	0			Flash Flood
			Flooding on Pellany Road.						
Moore County									
Countywide	14	0825EST 1230EST			0	0			Flash Flood
			Numerous roads flooded throughout the county associated with remnants of Tropical Storm Alberto. Flood waters to an inch deep in a business along Taylor Street.						
Wake County									
Countywide	14	0900EST 1500EST			0	0			Flash Flood
			Widespread flooding throughout the county and numerous road closures from 7 to 8 inches of rain. Wake County officials said emergency workers made about 30 water rescues. Crabtree Creek rose to some of the highest levels ever.						
Chatham County									
East Portion	14	0900EST 1230EST			0	0			Flash Flood
			5 feet of water across Christian Chapel Road and Old US HWY 1.						
Orange County									
Hillsborough	14	0900EST 1230EST			0	0			Flash Flood
			Several reports of flooding with Oakdale Road closed.						
Lee County									
Countywide	14	0915EST 1230EST			0	0			Flash Flood
			Numerous roads flooded throughout the county associated with remnants of Tropical Storm Alberto. A couple of roads closed. Coxmatic road in Sanford closed because of washout. Little Buffalo Creek flooding the Riverbirch Shopping Center parking lot.						
Davidson County									
Lexington	14	0930EST 1030EST			0	0			Flash Flood
			West Lexington Avenue temporary closed.						
Guilford County									
Greensboro	14	1045EST 1230EST			0	0			Flash Flood
			Minor flooding along Buffalo Creek.						
Halifax County									
Countywide	14	1045EST 1700EST			0	0			Flash Flood
			Road flooding all throughout the county. Hinston Road, Rebecca Drive, and NC Hwy 28 all have portions of the road closed due to flooding.						
Johnston County									
West Central Portion	14	1125EST 1520EST			0	0			Flash Flood
			Reports of road flooding at Devils Racetrace Road and in the town of Four Oaks.						
Franklin County									
Louisburg	14	1130EST 1700EST			1	0			Flash Flood
			13 year old boy fell into a swollen creek when he chased a ball into a culvert. The current pulled him through the drainpipe and under the street. The boy is believed to have been under water for approximately 25 minutes. M131W						
Harnett County									
West Portion	14	1200EST 1430EST			0	0			Flash Flood
			Several reports of high water running across road. Some small creeks out of banks. Broadway Road bridge closed.						
Franklin County									
Countywide	14	1200EST 1500EST			0	0			Flash Flood
			Numerous roads flooded across county.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Edgecombe County									
West Central Portion	14	1200EST 1600EST			0	0			Flash Flood
			Numerous roads flooded across western portions of the county.						
Wilson County									
Northwest Portion to West Portion	14	1200EST 1600EST			0	0			Flash Flood
			Numerous roads flooded across northwestern portions of the county.						
Granville County									
South Portion	14	1215EST 1430EST			0	0			Flash Flood
			A 40 ft. section of Woodchurch Road washed away. Minor flooding in the city of Oxford.						
Warren County									
Southeast Portion	14	1230EST 1700EST			0	0			Flash Flood
			Numerous secondary roads flooded. One road closed.						
Nash County									
Sharpsburg	14	1300EST 1700EST			0	0			Flash Flood
			Flooding across numerous roads in the Sharpsburg area.						
Wayne County									
2 E Goldsboro	14	1315EST			0	0			Thunderstorm Wind (G50)
			Several houses damaged. One blown off foundation and one double car garage lifted off foundation.						
Nash County									
2 SW Nashville	21	1210EST			0	0			Thunderstorm Wind (G50)
			Numerous trees down.						
Edgecombe County									
Pinetops	21	1225EST			0	0			Thunderstorm Wind (G50)
			Large tree limbs down and power outages.						
Johnston County									
Clayton	21	1250EST			0	0			Thunderstorm Wind (G50)
			Several trees down.						
Wilson County									
5 N Black Creek	21	1250EST			0	0			Thunderstorm Wind (G50)
			Numerous trees down.						
Johnston County									
5 N Benson	21	1255EST			0	0			Thunderstorm Wind (G50)
			Several trees down.						
Wayne County									
5 SE Fremont	21	1300EST			0	0			Thunderstorm Wind (G50)
			Numerous trees down of various sizes.						
Johnston County									
Princeton	21	1320EST			0	0			Thunderstorm Wind (G50)
			Several trees down.						
Wayne County									
Goldsboro	21	1338EST			0	0			Thunderstorm Wind (G50)
			Many trees down and power out in the city of Goldsboro.						
Wayne County									
10 NE Goldsboro	21	1345EST			0	0	30K		Lightning
			House fire near Saulston. Other House Fires in Mount Olive and Patetown.						
Cumberland County									
Eastover	21	1435EST			0	0			Thunderstorm Wind (G50)
			Power lines down on Middle Road.						
Hoke County									
Rockfish	21	1525EST			0	0			Hail (0.75)
			Reported between Barefoot Road and King Road off Rockfish Road.						
Moore County									
3 S Aberdeen	21	1550EST			0	0			Thunderstorm Wind (G50)
			Trees and power lines down on US highway 15-501. More trees blown down in the southern part of the county.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Scotland County 3 ESE Laurinburg	21	1618EST			0	0			Thunderstorm Wind (G50)
									57 mph wind gust measured at Maxton Laurinburg Airport.
Scotland County Wagram	21	1620EST			0	0			Thunderstorm Wind (G50)
									Trees blown down.
Warren County 5 N Vaughan	23	1215EST			0	0			Thunderstorm Wind (G50)
									Numerous trees down around Lake Gaston.
Granville County Oxford	23	1320EST			0	0			Hail (0.75)
Granville County Oxford	23	1328EST			0	0			Thunderstorm Wind (G50)
									Large limbs blown down causing power outages.
Warren County Warrenton	23	1405EST 1605EST			0	0			Flash Flood
									Reports of numerous roads flooded.
Wake County Rolesville	23	1505EST			0	0			Thunderstorm Wind (G50)
									Several trees snapped off at Hodge and Mingo Bluff Road.
Franklin County Youngsville	23	1520EST 1720EST			0	0			Flash Flood
									Flooding on Holden Raod making it impassible.
Wake County Morrisville	23	1525EST 1725EST			0	0			Flash Flood
									Three to four feet of water over Aviation Parkway near Evans Road.
Wake County Raleigh	23	1525EST			0	0			Thunderstorm Wind (G50)
									Trees down on Burlington Mill Road Between Capital Blvd and Ligon Mill Road.
Chatham County 5 E Siler City	23	1530EST			0	0			Hail (0.75)
Wake County Morrisville	23	1530EST 1730EST			0	0			Flash Flood
									One foot of water over the intersection of Morrisville Parkway and Crabtree Crossing.
Wake County Morrisville	23	1530EST 1730EST			0	0			Flash Flood
									Reports of flooding on Highway 54 W in Morrisville.
Wake County 4 NE Raleigh	23	1545EST 1745EST			0	0			Flash Flood
									Flooding on highway 401 N and Perry Creek Road.
Chatham County Moncure	23	1600EST			0	0			Thunderstorm Wind (G50)
									Trees down in Moncure near Pittsboro Road and US highway 1.
Chatham County 4 E Siler City	23	1600EST			0	0			Hail (0.88)
									Reported between Pittsboro and Siler City on US highway 64.
Wake County Cary	23	1608EST 1808EST			0	0			Flash Flood
									Creek out of banks near Brookgreen and Linwood. Water flooded locations within several yards of the creek.
Guilford County Mc Leansville	23	1635EST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

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

Davidson County Lexington	23	1655EST			0	0			Thunderstorm Wind (G50) Large trees down on highway 52 and 150 north of Lixongton. Tree also fell on a house.
Guilford County Greensboro	23	1655EST			0	0			Hail (0.88) Reported on West Market and Wendover Ave.
Guilford County High Pt	23	1700EST			0	0			Hail (0.88) Reported near Ethel Ave. and Baker Road.
Montgomery County Mt Gilead	23	1708EST			0	0			Hail (0.75) Reported near NC highway 2427 on Liberty Hill Church Road.
Guilford County Greensboro	23	1714EST			0	0			Hail (1.00) Reported on Interstate 40 near Elm Street.
Randolph County 6 NNE Randleman	23	1714EST			0	0			Hail (0.88) Reported on Racine Road south of NC highway 62.
Guilford County Greensboro	23	1715EST			0	0			Hail (1.00) Reported near Interstate 40 and High Point Road.
Davidson County Lexington	23	1720EST 1920EST			0	0			Flash Flood Widespread flooding through Lexington...localized flooding also occurred in the northern half of the county.
Alamance County 6 NW Burlington	23	1730EST 1930EST			0	0			Flash Flood Several reports of one to two feet of water over NC highway 87 near Altamahaw.
Guilford County 3 W Greensboro	23	1730EST			0	0			Hail (0.75) Reported near Albert Pick Road.
Randolph County 4 N Randleman	23	1740EST 1940EST			0	0			Flash Flood Flooding reported along US highway 220 near the Level Cross area.
Guilford County Guilford	23	1800EST 2000EST			0	0			Flash Flood Flooding reported in the westbound lanes of Friendly Ave. near the Friendly Shopping Center at Avondale.
Montgomery County Eldorado	23	1803EST			0	0			Hail (0.75)
Guilford County High Pt	23	1804EST 2004EST			0	0			Flash Flood Street flooding in High Point near South Main St. and Business 85.
Randolph County Archdale	23	1808EST 2008EST			0	0			Flash Flood Flooding reported along portions of US 311 from near Bake Road to interstate 85.
Stanly County 10 SSE Albemarle	23	1808EST			0	0			Hail (0.75) Reported near Lake Tillery.
Guilford County High Pt	23	1809EST 2009EST			0	0			Flash Flood Reported near Ward St. and Prospect near the railroad bridge.
Stanly County 1 S Albemarle	23	1825EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH CAROLINA, Central</u>									
Stanly County									
Norwood	23	1830EST			0	3			Lightning
Forsyth County									
7 SE Winston Salem to 7 SE Winston Jct	23	1830EST			0	0			Thunderstorm Wind (G50)
			Three trees down near highway 109 and highway 311.						
Randolph County									
Asheboro	23	1835EST 2035EST			0	0			Flash Flood
			Numerous reports of flooding in and around the city.						
Stanly County									
Norwood	23	1840EST			0	0			Thunderstorm Wind (G50)
			Power lines down.						
Stanly County									
Albemarle	23	1853EST 2053EST			0	0			Flash Flood
			Water over road in various spots along NC highway 52 between Albemarle and Norwood. Mauldin Road also impassible.						
Richmond County									
6 NE Ellerbe	23	1900EST			0	0			Thunderstorm Wind (G50)
			Reports of trees down north and west of the main Post Office downtown.						
Randolph County									
Asheboro	23	1900EST 2100EST			0	0			Flash Flood
			Senior adult center evacuated due to flooding. Numerous other places were under water near Old Liberty Road.						
Randolph County									
Asheboro	23	1900EST 2100EST			0	0			Flash Flood
			Flooding at highway 64 and highway 42 at Dublin St. Water depth was half way up the doors of several vehicles.						
Randolph County									
2 S Asheboro	23	1900EST 2100EST			0	0			Flash Flood
			Flood waters flowing over Southmont Road near highway 220 caused chunks of pavement to be washed away closing the road.						
Montgomery County									
3 W Eldorado	23	1915EST 2115EST			0	0			Flash Flood
			River Road flooded and impassible near Badin lake.						
Montgomery County									
Troy	23	1915EST 2115EST			0	0			Flash Flood
			Several roads impassible around the Troy area.						
Stanly County									
5 S Albemarle	23	1950EST 2150EST			0	0			Flash Flood
			NC 138 near Cooper Road was impassible between Albemarle and Aquadale.						
Montgomery County									
Troy	23	1955EST 2155EST			0	0			Flash Flood
			Cars were pulled from high water near Mt. Carmel Church Rd. and Landfill Rd. in Troy.						
Richmond County									
Ellerbe	23	2000EST 2200EST			0	0			Flash Flood
			Media reported small streams and streets flooding across the county.						
Stanly County									
6 W Norwood	23	2140EST 2340EST			0	0			Flash Flood
			Numerous portions of highway 138 flooded in southwestern Stanly County.						
Stanly County									
Norwood	23	2140EST 2340EST			0	0			Flash Flood
			Three roads impassible in southwestern Stanly County near the Norwood area.						

Storm Data and Unusual Weather Phenomena

June 2006

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

Stanly County

2 W Norwood	23	2140EST 2340EST			0	0			Flash Flood
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Roads flooded at Cottonville Road and Hardy Branch.

Durham County

2 NW Bahama	24	2235EST			0	0			Flash Flood
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Minor flooding at US 501 and Quail Roost Road. Impassable for smaller cars.

Durham County

2 NW Bahama	24	2330EST			0	0			Flash Flood
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Flooding across northern portions of county along US 501.

Orange County

3 W Efland	24	2350EST			0	0			Flash Flood
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Minor flooding on Industrial Drive. Just north of Interstate 85 between Efland and Mebane.

Davidson County

Lexington	27	1440EST 1600EST			0	0			Flash Flood
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Road closures on the north and east sides of the city due to high water.

Davidson County

3 WNW Thomasville	27	1440EST 1600EST			0	0			Flash Flood
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Kanoy Road at Jacobs Street closed due to high water from Hunts Fork Creek.

Guilford County

High Pt	27	1500EST 1600EST			0	0			Flash Flood
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Widespread flooding in the western part of the county. Numerous road closures...homes and businesses flooded.

NORTH CAROLINA, Central Coastal

Onslow County

3 E Catherine Lake	03	1545EST			0	0			Hail (1.00)
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Carteret County

Stella	03	1615EST			0	0			Thunderstorm Wind (G50)
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Onslow County

4 NNW Swansboro	03	1615EST			0	0			Thunderstorm Wind (G50)
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Jones County

Comfort	05	1700EST			0	0			Hail (0.75)
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Craven County

Dover	05	1725EST			0	0			Hail (0.75)
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Beaufort County

Chocowinity	05	1805EST			0	0			Hail (0.75)
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Onslow County

Camp Lejeune	05	1813EST			0	0			Hail (0.75)
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Craven County

Havelock	05	1843EST			0	0			Hail (0.75)
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Onslow County

Swansboro	05	1900EST			0	0			Hail (0.88)
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Pitt County

Greenville	06	1356EST 1415EST			0	0			Hail (1.75)
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Penny to golf ball size hail reported.

Craven County

Ft Barnwell	06	1405EST			0	0			Hail (0.75)
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Jones County

Trenton	06	1437EST			0	0			Hail (0.75)
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Onslow County

Jacksonville	06	1504EST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH CAROLINA, Central Coastal</u>									
Onslow County Piney Green	06	1520EST			0	0			Hail (0.75)
Onslow County Swansboro	06	1558EST			0	0			Hail (1.00)
Onslow County Camp Lejeune	06	1628EST			0	0			Hail (1.75)
Onslow County Hubert	06	1630EST			0	0			Hail (0.75)
Craven County Cherry Pt Mcas	08	1400EST 1410EST			0	0			Hail (0.88)
Craven County Cherry Pt Mcas	08	1400EST			1	0			Lightning
									Mother and unborn child killed by lightning strike just outside of Marine Squadron 1 Transport Building. F27OU
Pamlico County Oriental	08	1400EST 1410EST			0	0			Hail (1.75)
									Penny to golf ball size hail reported.
Craven County Havelock	08	1445EST			0	0			Hail (0.75)
Pamlico County Minnesott Beach	08	1456EST			0	0			Hail (1.25)
Lenoir County Kinston	08	1912EST			0	0			Hail (0.75)
Onslow County Richlands	12	1433EST 1443EST			0	0			Hail (0.88)
Craven County New Bern to James City	12	1545EST 1555EST			0	0	75K		Hail (2.75)
									Hail up to baseball size caused damage to many cars.
Pamlico County 2 E Olympia to 4 E Olympia	12	1608EST 1610EST			0	0	25K		Hail (2.75)
									Hail up to baseball size broke windows in cars and homes.
Craven County Bridgeton to 1 E Bridgeton	12	1610EST 1612EST			0	0			Hail (1.75)
Beaufort County Aurora	12	1631EST			0	0			Hail (2.75)
Hyde County 1 NW Swanquarter	12	1700EST			0	0			Thunderstorm Wind (G52)
Carteret County Atlantic Beach to Morehead City	14	1140EST 1141EST	0.5	25	0	0	25K		Tornado (F0)
									Waterspout moved across Atlantic Beach at Ocean Ridge Court to Morehead City between 23rd and 30th Streets, then dissipated. Damage occurred to a house under construction on Atlantic Beach.
Dare County Frisco	14	1340EST	0.1	25	0	0			Tornado (F0)
									Waterspout moved over land at mile marker 70 near Frisco.
NCZ044-080-090>091									Pitt - Beaufort - Duplin - Lenoir
	14	1400EST 1815EST			0	0	5K		High Wind (G53)
									Trees down and a roof was blown off of a barn just south of Farmville. The remnants of Tropical Storm Alberto moved across Eastern North Carolina during the afternoon producing sustained winds of 30 to 40 mph and damaging wind gusts to near 60 mph. Waterspouts moved onshore as weak tornadoes in Carteret and Dare counties resulting in minor damage.
Pitt County Fountain	21	1313EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		
<u>NORTH CAROLINA, Central Coastal</u>										
Martin County										
Gold Pt	21	1335EST			0	0			Hail (1.00)	
NCZ095										
Carteret	27	1435EST			0	0			High Wind (G35)	
		1535EST								
			High winds on Pine Knoll Shores and Atlantic Beach.							
Onslow County										
Jacksonville	28	1350EST			0	0			Hail (1.00)	
Onslow County										
Countywide	28	1420EST			0	0	50K		Flood	
		1630EST								
			Flooding reported across a large area of the county. Water levels reported up to the hood of cars in Jacksonville with 4 feet of water reported on Western Blvd. Flood waters were waist deep in the Tarawa Terrace housing area at Camp Lejeune. Also, 2 to 3 feet of water was reported along Highway 258 and Rhodestown Rd. just south of Richlands.							
Onslow County										
1 SSE Richlands	28	1451EST			0	0			Hail (1.00)	
Beaufort County										
Pungo	30	1740EST			0	0			Hail (1.75)	
Lenoir County										
Kinston	30	1745EST			0	0			Hail (0.75)	
Craven County										
Cove City	30	1805EST			0	0			Hail (1.00)	
Hyde County										
3 N Scranton	30	1830EST			0	0			Hail (0.75)	
Duplin County										
2 N Beulaville	30	1851EST			0	0			Hail (0.75)	
Onslow County										
8 SW Jacksonville	30	1915EST			0	0			Hail (0.75)	
			Hail reported in Haws Run.							
Lenoir County										
Kinston	30	1920EST			0	0			Flash Flood	
		2015EST								
			Up to 2 feet of water across many roads in Kinston.							
Onslow County										
5 NW Richlands	30	1928EST			0	0			Flash Flood	
		2045EST								
			One to two feet of water reported over Haw Branch Rd.							
Duplin County										
2 SW Chinquapin	30	2009EST			0	0			Hail (0.75)	
Duplin County										
Kenansville	30	2026EST			0	0			Hail (1.00)	
<u>NORTH CAROLINA, Extreme Southwest</u>										
Cherokee County										
Andrews	23	1415EST			0	0	12K		Thunderstorm Wind (G60)	
		1430EST								
			Several trees and powerlines down in Andrews.							
<u>NORTH CAROLINA, North Coastal</u>										
Chowan County										
Rockyhock	07	1740EST			0	0	3K		Thunderstorm Wind (G50)	
			Large tree and telephone pole down on Evans-Bass Road.							
Currituck County										
2 S Currituck	08	1540EST			0	0			Hail (0.88)	
			Dime to nickel hail at Bells Island.							
Bertie County										
Kelford	11	2215EST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, North Coastal</u>									
Gates County									
Storys Xrds	14	1430EST 1530EST			0	0			Flash Flood
									Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding with numerous road closures including Routes 13 and 158.
Hertford County									
6 S Murfreesboro	14	1430EST 1530EST			0	0			Flash Flood
									Heavy rain associated with the remnants of Tropical Storm Alberto caused countywide flash flooding with many roads closed or washed out. Residents near Millennium were evacuated from their homes due to high water.
Bertie County									
Kelford	14	1520EST 1545EST			0	0			Flash Flood
									Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and numerous countywide road closures including 72 Siding Road near Roxobel. In downtown Windsor, low-lying areas near Davis Ballpark and Livermon Zoo were flooded.
Northampton County									
2 S Margaretsville	24	1930EST 2000EST			0	0			Flood
									High water on Severn and Sharron Roads.
Northampton County									
Vultare	24	2015EST 2045EST			0	0			Flood
									High water on Highway 46 near River Road.
Currituck County									
6 W Barco	29	1410EST			0	0			Hail (1.00)
									Winds estimated at 60 mph.
Camden County									
Belcross	29	1425EST			0	0			Hail (0.75)
<u>NORTH CAROLINA, Northwest and North Central</u>									
Caswell County									
Providence	01	1530EST			0	0			Hail (1.00)
Rockingham County									
Wentworth	02	1440EST			0	0	3K		Thunderstorm Wind (G60)
									A severe thunderstorm downed several trees on Route 65.
Rockingham County									
Wentworth	02	1500EST			0	5	500K		Lightning
									A lightning strike on Friday afternoon derailed the Rockingham County 911 Center and caused \$500,000 worth of damage. The strike damaged phones, computers, switchboards and other circuits.
Surry County									
Mt Airy	11	0137EST			0	0			Hail (0.88)
Alleghany County									
4 N Sparta	11	0143EST			0	0	0.90K		Thunderstorm Wind (G60)
									A large tree was downed on Maines Road.
Surry County									
5 SW Mt Airy	11	0219EST			0	0			Hail (0.88)
									Nickel sized hail covered the ground.
Yadkin County									
Jonesville	11	0320EST			0	0	2.7K		Thunderstorm Wind (G53)
									Thunderstorm winds downed several trees.
Surry County									
Ararat	11	0337EST			0	0	20K		Lightning
Surry County									
White Plains	11	0410EST 1300EST			0	0	0.90K		Lightning
Surry County									
White Plains	11	0410EST			0	0	200K		Lightning
									Lightning caused three fires in Surry county on the morning of the 11th. The first fire was a utility building. The owner lost his tractor as well as other equipment and a four-wheeler. The second fire was a two-story old white farm house. A 40 to 50 foot oak

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>NORTH CAROLINA, Northwest and North Central</u>							
Yadkin County Yadkinville	11	1550EST			0 0	1.8K	Thunderstorm Wind (G57)
tree which was hit by lightning during the morning, sparked during the morning and became fully involved by afternoon. Trees downed blocked Hamptonville Road in Yadkinville.							
Yadkin County Yadkinville	11	1601EST			0 0	1K	Hail (0.75)
Surry County Pilot Mtn	11	1605EST			0 0	2.4K	Thunderstorm Wind (G52)
Yadkin County 6 E Yadkinville	11	1613EST			0 0	27K	Thunderstorm Wind (G52)
A severe thunderstorm produced hail up to penny sized and wind gusts up to 60 mph during the afternoon of the 11th. Trees were downed at the Intersection of Highway 601 and 421 in Yadkinville city limits and the Forbush Community. Several trees downed by a thunderstorm blocked Route 268 along Pilot Mountain in Surry county.							
Stokes County Danbury	11	1625EST			0 0		Hail (1.00)
Stokes County Danbury	11	1625EST			0 0	2K	Thunderstorm Wind (G53)
Stokes County 2 W Walnut Cove	11	1630EST			0 0		Hail (0.88)
A severe thunderstorm produced hail up to quarter sized and downed tree limbs which created power outages.							
Stokes County Germanton	11	1654EST			0 0		Hail (1.00)
Rockingham County 4 S Ellisboro	11	1702EST			0 0	0.90K	Thunderstorm Wind (G53)
Thunderstorm winds downed a large tree.							
Rockingham County 8 E Eden	11	1741EST			0 0		Hail (0.88)
Rockingham County 8 E Eden	11	1742EST			0 0	3K	Thunderstorm Wind (G60)
Downburst preceded by brief period of nickel sized hail and accompanied by damaging winds broke a home owners flag pole and downed numerous large tree limbs.							
Wilkes County Windy Gap	22	1448EST			0 0	0.90K	Thunderstorm Wind (G55)
Large tree blown down across Windy Gap Road.							
Caswell County 3 W Jericho	23	1747EST			0 0	1K	Thunderstorm Wind (G57)
Ashe County 2 S West Jefferson	25	1800EST 2000EST			0 0	2K	Flash Flood
Ashe County 4 SE Jefferson	25	1830EST 2010EST			0 0	2K	Flash Flood
Ashe County Glendale Spgs	25	1854EST 2013EST			0 0	5K	Flash Flood
Widespread heavy rains of two to four inches produced mudslides on Highway 163, two miles south of West Jefferson, and Highway 16, four miles southeast of Jefferson. Highway 16 South had one lane blocked by two downed trees. In Glendale Springs, an embankment washed out causing downed powerlines .							
Surry County Pilot Mtn	27	1200EST 1400EST			0 0	12K	Flash Flood
A county official reported flash flooding in Pilot Mountain. A campground was evacuated from rising water.							
Surry County Northwest Portion	29	2000EST 2245EST			0 0	25K	Flash Flood
Flash flooding closed several roads in northwest portion of Surry county. Carson Creek, Lumber Plant, Warrior Mt Lane, Ramey Creek Road, and Wahissa Trail were closed.							

Storm Data and Unusual Weather Phenomena

June 2006

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

Pender County									
Watha	06	1247EST			0	0			Hail (0.88)
Nickel size hail covered the ground.									
Columbus County									
Bolton	06	1314EST			0	0			Hail (0.88)
Nickel size hail.									
New Hanover County									
Wilmington	06	1335EST			0	0			Hail (0.75)
Brunswick County									
10 SE Bolivia to Holden Beach	06	1358EST 1500EST			0	0			Hail (1.00)
Nickel to quarter size hail was reported.									
New Hanover County									
3 NE Wilmington to Wilmington	06	1401EST 1405EST			0	0			Hail (0.75)
Penny size hail.									
New Hanover County									
Wilmington	06	1421EST			0	0			Hail (0.88)
Nickel size hail was reported in the Kings Grant subdivision.									
Brunswick County									
6 S Leland	06	1445EST			0	0			Hail (0.75)
Penny size hail was reported on Mellanie Lane.									
Pender County									
Watha to 2 W Surf City	06	1454EST 1457EST			0	0			Hail (0.75)
Penny size hail fell.									
Bladen County									
6 NW Kelly	06	1550EST			0	0			Hail (0.75)
Columbus County									
5 S Whiteville	06	1630EST			0	0			Hail (0.88)
Penny size hail on Hwy 701.									
Brunswick County									
Ash	06	1645EST			0	0			Hail (0.75)
New Hanover County									
Wilmington	08	1326EST 1329EST			0	0			Hail (1.75)
Penny to golfball size hail was reported in the Ogden area.									
Pender County									
4 SW Hampstead	08	1345EST			0	0			Hail (0.75)
Penny size hail was reported just north of Scotts Hill.									
Robeson County									
3 SE Lumberton	08	1502EST			0	0			Hail (0.88)
Penny to nickel size hail covered the ground.									
Bladen County									
Clarkton	08	1540EST			0	0			Hail (0.75)
Penny size hail fell.									
Columbus County									
5 N Lake Waccamaw to 4 N Lake Waccamaw	08	1615EST 1618EST			0	0			Hail (0.75)
Penny size hail was reported.									
Columbus County									
Delco	08	1700EST			0	0			Hail (0.88)
Nickel size hail fell.									
Robeson County									
5 SW Lumberton	08	1709EST			0	0			Thunderstorm Wind (G60)
Trees down on Interstate 95, exit 14.									
Columbus County									
Whiteville	08	1801EST			0	0			Hail (0.88)
Penny to nickel size hail was reported.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>NORTH CAROLINA, South Coastal</u>							
Brunswick County							
Calabash	08	1925EST			0 0		Hail (1.75)
			Golfball size hail fell at the intersection of Hwy 17 and Seaside Road.				
Brunswick County							
5 S Shallotte	08	1945EST			0 0		Hail (0.88)
			Nickel size hail was reported at Shallotte Point.				
Robeson County							
Pembroke	11	1715EST			0 0	15K	Thunderstorm Wind (G65)
			The front porch of a house collapsed from strong winds.				
Bladen County							
Bladenboro	11	1840EST			0 0	50K	Thunderstorm Wind (G65)
			Numerous trees were blown down, and the roof of two buildings were peeled back.				
Columbus County							
Evergreen	11	1845EST			0 0		Thunderstorm Wind (G60)
			Trees down.				
Columbus County							
8 N Whiteville	11	1850EST			0 0		Thunderstorm Wind (G60)
			Trees were blown down across the road.				
Bladen County							
Elizabethtown	11	1915EST			0 0		Thunderstorm Wind (G60)
			Three trees down.				
New Hanover County							
Wrightsville Beach	12	0631EST			0 0		Thunderstorm Wind (G58)
			A 66 mph wind gust was recorded at the Oceanic restaurant.				
Bladen County							
10 ESE Elizabethtown	12	1345EST			0 0		Hail (1.75)
			Golfball size hail was reported at Singletary Lake.				
Robeson County							
5 SE Lumberton	12	1404EST			0 0		Hail (0.75)
Bladen County							
Clarkton	12	1440EST			0 0		Hail (1.00)
			Quarter size hail fell.				
Robeson County							
1 S Pembroke	21	1550EST			0 0		Thunderstorm Wind (G55)
			Numerous large limbs were blown down.				
Columbus County							
Evergreen	21	1740EST			0 0		Thunderstorm Wind (G60)
			Trees down.				
<u>NORTH CAROLINA, Southwest</u>							
Mcdowell County							
2.5 NW Marion	02	1223EST 1225EST			0 0		Hail (0.88)
			Dime to nickel size hail and wind gusts estimated at 50 mph.				
Burke County							
6 NW Morganton	02	1307EST			0 0		Hail (0.88)
			Nickel size hail between Oak Hill and Table Rock.				
Iredell County							
4 E Statesville	02	1516EST			0 0		Hail (0.75)
Davie County							
Mocksville	02	1558EST			0 0		Hail (0.75)
Catawba County							
2 S Newton	02	1600EST			0 0		Thunderstorm Wind (G50)
			Two trees down on power lines.				
Lincoln County							
Lincolnton	02	1600EST			0 0	250K	Lightning
			Lightning struck a church, igniting a fire that almost completely destroyed the building and its contents.				

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH CAROLINA, Southwest</u>									
Cleveland County 1.5 SSW Shelby	10	1932EST			0	0			Hail (0.75)
									Penny size hail reported at the intersection of Plaster Ave and S Lafayette St. Also, large hail of unspecified size in the city around this time.
Cleveland County 4 NNW Kings Mtn	10	1955EST			0	0			Hail (1.75)
									Golfball size hail near the Oakgrove community.
Gaston County 8 SW Gastonia	10	2014EST			0	0			Thunderstorm Wind (G50)
									Two trees down on the main road through Crowders Mountain State Park.
Cabarrus County Concord	10	2124EST			0	0			Hail (1.75)
Cabarrus County Concord to 4 SE Concord	10	2124EST 2135EST			0	0			Thunderstorm Wind (G55)
									Numerous trees down, some on homes and power lines, from the city to the area near Flowes Store Rd and Highway 601.
Cabarrus County 2 SE Harrisburg	10	2138EST			0	0			Hail (1.00)
									Quarter size hail near the intersection of Rocky River Rd and Hickory Ridge Rd.
Lincoln County 5 E Lincolnton	10	2127EST			0	0			Hail (0.75)
									Dime size hail on Orchard Rd, approximately halfway between Lincolnton and Denver
Lincoln County Iron Station	10	2130EST			0	0			Hail (0.88)
Mecklenburg County 3 SW Huntersville to 2 S Huntersville	10	2152EST			0	0			Thunderstorm Wind (G50)
									Two trees blown down in the Huntersville area.
Gaston County 1 NW Lucia	10	2155EST			0	0			Hail (0.88)
Buncombe County 2 SE Asheville to 4 SE Asheville	11	1335EST 1340EST			0	0			Thunderstorm Wind (G55)
									Numerous trees down southeast of Asheville.
Buncombe County Asheville	11	1350EST			0	0			Hail (0.88)
Buncombe County 9 E Asheville	11	1350EST			0	0			Hail (0.75)
									Penny size hail on Flat Top Mountain.
Burke County 8 S Morganton	11	1427EST			0	0			Hail (1.00)
Burke County 8 S Morganton	11	1427EST			0	0			Thunderstorm Wind (G50)
									Large limbs blown down.
Henderson County 1 N Hendersonville	11	1430EST			0	0			Thunderstorm Wind (G50)
									A tree was blown down onto power lines just north of town, with 2 other small trees down in the same area.
Henderson County 10 ENE Hendersonville	11	1430EST			0	0			Hail (0.75)
									Penny hail reported near the border with Polk.
Transylvania County 1 NE Cedar Mtn	11	1431EST			0	0			Hail (0.75)
									Hail covered the ground.
Mcdowell County 8 SSW Marion	11	1433EST			0	0			Hail (0.88)
Polk County 8 N Columbus	11	1435EST			0	0			Thunderstorm Wind (G55)
									Numerous trees blown down in the Sunny View community.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH CAROLINA, Southwest</u>									
Rutherford County									
5.5 WSW Rutherford	11	1459EST			0	0			Thunderstorm Wind (G50)
Two small trees blown down on highway 108 near the Polk County line.									
Catawba County									
9 WSW Newton	11	1522EST			0	0			Thunderstorm Wind (G50)
Large limbs down near the intersection of highways 10 and 127. Also, marble size hail fell.									
Cleveland County									
Countywide	11	1532EST 1545EST			0	0			Thunderstorm Wind (G55)
Numerous trees and power lines down, mainly across the western and southern portion of the county. Two trees fell on major roads in Shelby. Trees fell on 3 homes in Shelby, and 2500 people lost power in the area.									
Cleveland County									
3.5 NNE Shelby	11	1540EST			0	0	150K		Lightning
Lightning struck a tree, then traveled along power lines to ignite a fire at a home. The home was practically a total loss.									
Iredell County									
Troutman	11	1615EST			0	0			Thunderstorm Wind (G50)
Several trees blown down.									
Gaston County									
4 WSW Gastonia	11	1617EST			0	0			Hail (1.00)
Gaston County									
4 WSW Gastonia	11	1617EST			0	0			Thunderstorm Wind (G55)
Six trees down blocking part of Lynnwood Ave along with quarter size hail. A large oak tree fell on a trailer on Glenallen Dr in this same area. Several trees also fell along Carson Dr, with one tree damaging the roof of a home and a shed. Also, the metal roof was blown off a shed near downtown at Long Ave and Broad St. Approximately 10,000 customers lost power in the county.									
Davie County									
6 NNW Advance	11	1625EST			0	0			Hail (1.00)
Hail a little larger than quarter size accumulated to a depth of 1 to 2 inches near the intersection of highway 801 and I-40.									
Gaston County									
4 WSW Gastonia	11	1627EST			0	0			Thunderstorm Wind (G55)
Several trees down on South New Hope Rd and Robinwood Rd									
Rowan County									
Cleveland	11	1642EST			0	0			Hail (0.75)
Mecklenburg County									
6 WNW Charlotte	11	1645EST			0	0			Thunderstorm Wind (G50)
Trees blown down on Little Rock Rd.									
Mecklenburg County									
Charlotte to Matthews	11	1700EST 1710EST			0	0	100K		Thunderstorm Wind (G60)
Numerous trees were blown down in various locations across the southern part of the city due to a series of microbursts. Several trees on homes in the Sardis Rd area around Bently Oaks Rd and Chevron Rd. A private sector meteorologist estimated wind speeds at 65 to 75 mph based on the damage. Also, a spotter reported 3 trees snapped off on Patrick Springs Ct. Trees were also blown down on Kings Dr and Hartford Ave. Trees were also blown down in the Matthews area. There were at least 28,000 power outages in the area.									
Buncombe County									
3.5 SE Asheville to 2.5 SW Asheville	11	1709EST			0	0			Thunderstorm Wind (G50)
Part of a fallen tree fell on a house southwest of Asheville, while another tree leaned into power lines southeast of Asheville.									
Union County									
2 NE Fairview	11	1725EST			0	0			Thunderstorm Wind (G50)
Trees down on Unionville Brief Rd.									
Rutherford County									
2 SSW Forest City	12	1333EST			0	0			Hail (1.00)
Cabarrus County									
7 W Concord to 6 SW Concord	12	1805EST			0	0			Thunderstorm Wind (G65)
Seven power poles blown down along Pitts School Rd. A barn was blown down near the intersection of Shelton and Poplar Tent Rds.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Southwest</u>									
Mecklenburg County									
.5 SE Charlotte	12	1839EST			0	0			Thunderstorm Wind (G55)
			Several trees blown down on Kings Drive near the campus of Queens College.						
Cabarrus County									
Concord	12	1840EST			0	0			Hail (0.75)
Cabarrus County									
Concord	12	1840EST			0	0			Thunderstorm Wind (G50)
			Large tree limbs down.						
Union County									
6 W Monroe	12	1929EST			0	0			Thunderstorm Wind (G55)
			Numerous trees and power lines down in the area around the intersection of Potter and Newton Rds.						
Haywood County									
2 SW Waynesville	22	1250EST			0	0			Hail (0.88)
			Nickel size hail in the Allens Creek area.						
Transylvania County									
5 NE Brevard	22	1305EST			0	0			Thunderstorm Wind (G50)
			Trees down north of Pisgah Forest						
Rutherford County									
Lake Lure	22	1440EST			0	0			Thunderstorm Wind (G50)
			Several trees blown down in the Lake Lure area.						
Caldwell County									
3 NE Granite Falls	22	1510EST			0	0			Hail (0.75)
Cleveland County									
Polkville	22	1604EST			0	0			Hail (0.75)
Catawba County									
10 W Newton	22	1610EST			0	0			Hail (1.00)
Rutherford County									
2 SE Forest City to 8 E Forest City	22	1610EST			0	0			Thunderstorm Wind (G50)
			Several trees down east of Forest City and a tree down off of highway 74 near Sandymush.						
Lincoln County									
6 SW Lincolnton	22	1620EST			0	0	10K		Lightning
Lincoln County									
8 W Lincolnton	22	1630EST			0	0			Thunderstorm Wind (G55)
			Numerous trees and power lines down across the western part of the county.						
Cleveland County									
Polkville	22	1630EST			0	0	100K		Lightning
			Lightning ignited a fire, destroying a storage shed at a business. The 911 center received as many as 4 calls related to structural fires associated with lightning.						
Macon County									
5 NW Franklin	22	1632EST			0	0			Thunderstorm Wind (G50)
			Several pine trees and large branches blown down, resulting in minor damage to a fence.						
Cleveland County									
2 SW Lattimore	22	1635EST			0	0			Thunderstorm Wind (G50)
			Several trees down near highway 74 between Lattimore and Mooresboro.						
Cleveland County									
Waco	22	1655EST			0	0			Thunderstorm Wind (G55)
			Quite a few trees down in the Waco area. Also, the metal undercarriage of a mobile home was knocked in about 10 feet.						
Gaston County									
Cherryville	22	1700EST			0	0			Thunderstorm Wind (G50)
			Quite a few trees down in the Cherryville area. A spotter estimated 60 mph winds. Some residents were without power for approximately 15 hours.						
Yancey County									
1 W Burnsville	23	0530EST			0	0			Hail (0.75)
			Penny size hail in the Mountain Air community.						
Henderson County									
9 W Hendersonville	23	1335EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Southwest</u>									
Jackson County									
Cashiers	23	1400EST			0	0			Thunderstorm Wind (G50)
									Quite a few trees and power lines down in the Cashiers area.
Henderson County									
Bat Cave	23	1415EST			0	0			Thunderstorm Wind (G50)
									Trees and lines down.
Mcdowell County									
Marion	23	1425EST			0	0			Hail (1.75)
Mcdowell County									
Marion to 1 E Marion	23	1425EST			0	0			Thunderstorm Wind (G55)
									Golfball size hail and numerous trees down on the west side of Marion.
Mecklenburg County									
3.5 SE Charlotte	23	1430EST			0	1			Lightning
									A utility worker working on a water line was injured when lightning struck the ground nearby.
Polk County									
5 SE Columbus	23	1500EST			0	0			Thunderstorm Wind (G50)
									Large tree limbs blown down in the Green Creek area.
Burke County									
4 S Morganton	23	1505EST			0	0			Thunderstorm Wind (G55)
									Trees and lines down south of Morganton.
Catawba County									
3 W Maiden	23	1540EST			0	0			Hail (0.75)
Catawba County									
3 W Maiden	23	1540EST			0	0			Thunderstorm Wind (G50)
									Penny size hail and large tree limbs blown down.
Catawba County									
5 NNE Maiden	23	1543EST			0	0			Hail (0.75)
Rowan County									
1.5 NNW Woodleaf	23	1600EST			0	0			Thunderstorm Wind (G55)
									Numerous trees and power lines down, some blocking roads in the Woodleaf area, especially near the intersection of Hart and Cool Springs Rds.
Iredell County									
3 W Statesville	23	1635EST			0	0			Thunderstorm Wind (G50)
									Power lines and a tree down on the west side of Statesville.
Davie County									
3 SE Farmington	23	1715EST			0	0			Hail (0.75)
									Penny size hail at a rest stop on Interstate 40 in eastern Davie county.
Union County									
Countywide	23	1845EST 1945EST			0	0			Flash Flood
									As many as 11 roads were covered with water across the southern and eastern sections of the county, with most of the roads reported as impassable. Closed roads included East Sandy Spring Rd south of Monroe, which was flooded by L. Richardson Creek.
Union County									
Countywide	23 24	1945EST 0000EST			0	0			Flood
									High water conditions continued for several hours after flash flooding ended, as moderate to occasionally heavy rainfall continued across the county. A motorist drove into high water on East Sandy Springs and required rescue. This prompted the county to close 6 roads in the area.
Polk County									
Saluda	26	0700EST 1000EST			0	0			Heavy Rain
									Very heavy rainfall of 6 to 8 inches caused mainly nuisance flooding across the southern part of the county. Some roads received minor flooding due to poor drainage, but no known stream flooding occurred. In addition, several small landslides developed across the county, with the most significant affecting a portion of highway 176 near Saluda.

Storm Data and Unusual Weather Phenomena

June 2006

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

Henderson County

Countywide	26	0815EST 1130EST			0	0	200K		Flash Flood
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Flash flooding developed along the Rocky Broad River when 6 to 9 inches of rain fell in about an 8 hour period along the eastern escarpment. The river gauge at Bat Cave reached 11 feet at around 11 am. About 100 people were evacuated from the area, mostly from flooded campgrounds. Several structures were damaged by flood water. Highway 64/74 and Riverside Dr were covered with water and closed. A bridge was washed out on Edney Inn Rd just south of Bat Cave due to flooding on Reedypatch Creek. Flooding along this creek damaged the porch of a log home. Approximately 20 homes were isolated due to washed out bridges and driveways. A couple required rescue when their car stalled in high water on highway 64 between Edneyville and Bat Cave. Most roads in the Edneyville area required closing at some point. Other roads flooded in the Dana and Fruitland areas. Mudslides also developed, covering portions of the major highways in the area with debris, and damaging at least 1 business.

Rutherford County

Lake Lure to Chimney Rock	26	0830EST 1215EST			0	0	400K		Flash Flood
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Flash flooding developed along the Rocky Broad River in the Chimney Rock and Lake Lure area when 6 to 9 inches of rain fell in about an 8 hour period along the eastern escarpment. The river gauge upstream at Bat Cave reached 11 feet at around 11 am. Approximately 15 structures received some damage due to flood water. About 115 people were evacuated from the area, mostly from flooded campgrounds. Highway 64/74 was covered with water and closed. While most of the evacuations were in the Hickory Nut gorge, flooding also developed in the Bills Creek area, prompting additional evacuations.

Henderson County

Bat Cave	26	1130EST 1430EST			0	0			Flood
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Flooding continued along the Rocky Broad River through mid-afternoon.

Rowan County

3 SSW Salisbury	26	1900EST 2300EST			0	0			Heavy Rain
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Water entered a newly constructed school during a period of heavy rain. Clogged drainage was suspected to be the main cause of the flooding.

NORTH DAKOTA, Central and West

Morton County

New Salem	03	1602CST 1606CST			0	0			Hail (1.00)
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Mclean County

Coleharbor	03	1740CST 1745CST			0	0	5K		Thunderstorm Wind (G56)
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Storage facility under construction was damaged.

Ward County

Minot	03	1809CST 1813CST			0	0			Thunderstorm Wind (G50)
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Ward County

2 SE Minot	03	1817CST 1821CST			0	0			Hail (0.88)
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Renville County

3 S Glenburn	03	1829CST 1830CST			0	0			Thunderstorm Wind (G50)
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Ward County

Minot	03	1920CST 2020CST			0	0			Heavy Rain
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Minor street flooding in the city of Minot. Radar estimates 1 to 1.5 inches of rain.

Mountrail County

5 S Stanley to 6 SE Stanley	12	1340CST 1351CST			0	0			Funnel Cloud
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Weak or cold air funnel. No thunderstorm was occurring.

Burleigh County

2 S Bismarck	14	0048CST 0057CST			0	0			Hail (0.75)
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Mcintosh County

Ashley	14	0222CST 0226CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, Central and West</u>									
Logan County									
Burnstad	14	0230CST 0245CST			0	0			Hail (1.50)
Kidder County									
4 SE Steele	14	0240CST 0247CST			0	0			Hail (0.75)
		Ground covered by hail.							
Logan County									
15 NE Napoleon	14	0300CST 0305CST			0	0			Hail (0.75)
Stutsman County									
Streeter	14	0310CST			0	0			Hail (0.75)
Emmons County									
3 N Strasburg	14	0800CST 0805CST			0	0			Hail (0.75)
Golden Valley County									
Golva	14	1930CST 2030CST			0	0	2K		Lightning
		Lightning strikes in the Golva area started a grass fire that burned 50 hay bales. Report through newspaper.							
Golden Valley County									
7 SE Beach to 6 E Beach	14	2006CST 2015CST			0	0	100K		Hail (1.75)
		Severe crop damage to lentil, pea, durum, and corn fields. 65 mph winds accompanied large hail.							
Billings County									
Medora	14	2030CST 2035CST			0	0			Hail (0.75)
Logan County									
8 S Napoleon	15	2019CST 2025CST			0	0			Hail (0.88)
Rolette County									
3 S Mylo	15	2026CST 2030CST			0	0			Hail (0.75)
Logan County									
8 S Napoleon	15	2029CST 2035CST			0	0			Hail (1.00)
Logan County									
Gackle	15	2125CST 2130CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

NORTH DAKOTA, Central and West

La Moure County

2 N Edgeley to
4 NE Edgeley

23 1147CST 3 70 0 0 **Tornado (F0)**



Photograph by Joy Powers. Taken from Edgeley looking north.

Lamoure County Sheriff and North Dakota Highway Patrol Trooper witnessed and tracked the tornado. No structures were impacted and no damage occurred. The tornado completely lifted back into the parent thunderstorm. A second tornado formed from the same thunderstorm. See Tornado entry for Lamoure County 1205 to 1210 06/23/06.

La Moure County

5 NE Edgeley to
6 NE Edgeley

23 1205CST 1 40 0 0 **Tornado (F0)**

Trained spotters witnessed this tornado. No structures were impacted and no damage occurred. See Tornado entry for Lamoure County 1147 to 1202 06/23/06.

Rolette County

1 S Rolla to
4 E Rolla

23 1252CST 4 25 0 0 **Tornado (F0)**

Tornado tracked by Rolette County Sheriff. No structures impacted and no damage. Tornado crossed from Rolette County (NWS Bismarck) into Towner County (NWS Grand Forks). See Tornado entry for Towner County 1305 to 1310 06/23/06 from National Weather Service Grand Forks, North Dakota.

Stutsman County

1 N Streeter

23 1531CST 1546CST 0 0 **Hail (1.00)**

Hail covered the ground.

Logan County

6 W Gackle

23 1618CST 1628CST 0 0 **Hail (1.75)**

Emmons County

Westfield

23 1634CST 1640CST 0 0 **Hail (0.75)**

Ward County

Minot

24 1800CST 1810CST 0 0 125K **Lightning**

The Minot Fire Department determined that lightning striking a condominium in the city of Minot was the cause of a fire that damaged the condo. Newspaper reports stated that the unit sustained heavy damage to the roof and top floor. A thunderstorm was occurring at the time and there were reports of a lot of cloud to ground lightning.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, Central and West</u>									
Stutsman County									
11 S Cleveland	26	1600CST 1607CST			0	0			Hail (0.75)
Williams County									
Grenora	30	1015CST 1017CST			0	0			Hail (0.75)
			Mostly pea sized hail.						
Golden Valley County									
10 N Sentinel Butte	30	1459CST 1503CST			0	0			Hail (1.00)
			Winds also estimated up to 50 mph.						
Billings County									
4 S Medora	30	1515CST 1521CST			0	0	10K		Hail (2.25)
			Hail accompanied by measured 68 mph wind gust on a hand held anemometer. Damage to a ranch 4 miles south of Medora included the roof and windows and tree limbs down in the farm yard.						
Billings County									
Fryburg	30	1520CST 1525CST			0	0	75K		Hail (2.25)
			Storm accompanied by estimated 60 mph wind gusts. Damage to roofs and windows.						
Stark County									
Belfield	30	1540CST 1542CST			0	0			Hail (0.75)
Stark County									
South Heart	30	1548CST 1603CST			0	0			Thunderstorm Wind (G52)
			Penny size hail along with winds.						
Stark County									
4 S Dickinson to Dickinson	30	1606CST 1613CST			0	0	1K		Thunderstorm Wind (G53)
			KDIK ASOS PK WND 31053/2206. Trees uprooted.						
Golden Valley County									
11 SE Golva	30	1610CST 1615CST			0	0			Hail (1.75)
			Mostly penny size hail with a few golfball size.						
Stark County									
Gladstone	30	1615CST 1618CST			0	0			Thunderstorm Wind (G52)
			10 inch tree branches down. 1/2 inch diameter hail and 0.98 inches of rainfall in 15 minute period.						
Stark County									
9 SE Dickinson to 11 SE Dickinson	30	1615CST 1630CST			0	0	200K	150K	Thunderstorm Wind (G65)
			Two barns and one pole barn destroyed. Broken windows in homes and mobile homes. Cattle injured. Storm accompanied by 0.88 inch diameter hail. Hail piled six inches deep against buildings. Farmer was quoted as saying the crops looked like they had been mowed by a lawn mower.						
Hettinger County									
16 NE Mott	30	1700CST 1715CST			0	0			Hail (1.00)
Slope County									
3 WSW Amidon	30	1700CST 1705CST			0	0			Hail (0.88)
Morton County									
6 SE Glen Ullin	30	1710CST 1714CST			0	0	10K		Thunderstorm Wind (G61)
			Storm also accompanied by one inch diameter hail. Many trees down.						
McLean County									
10 NW Garrison	30	1715CST 1717CST			0	0			Thunderstorm Wind (G52)
			Pea size hail as well.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH DAKOTA, Central and West</u>									
Hettinger County									
5 NE New England	30	1725CST 1730CST			0	0			Hail (1.00)
			Ground was white with hail.						
Grant County									
5 E Elgin	30	1735CST 1738CST			0	0			Thunderstorm Wind (G52)
			Quarter size hail along with 0.50 inches of rainfall.						
Emmons County									
5 NE Hazelton	30	1745CST 1749CST			0	0	1K		Hail (1.75)
			Golfball size hail broke windows out in a farmhouse.						
Hettinger County									
14 NNW Mott to 14 NW Mott	30	1755CST 1800CST			0	0			Hail (0.75)
Morton County									
5 E Flasher	30	1755CST 1800CST			0	0			Hail (0.88)
Grant County									
3 N Shields	30	1815CST 1820CST			0	0			Hail (1.75)
			Also had 65 mph wind gusts.						
McLean County									
Turtle Lake	30	1817CST 1820CST			0	0	4K		Hail (1.75)
			Windshields cracked.						
Sioux County									
Selfridge	30	1820CST			0	0			Thunderstorm Wind (G55)
			MESONET recorded wind speed.						
McLean County									
5 W Mercer	30	1823CST 1828CST			0	0	3K		Hail (1.75)
			Broken house windows.						
Sioux County									
Cannon Ball	30	1828CST 1840CST			0	1	80K		Thunderstorm Wind (G80)
			One person was injured and hospitalized as three mobile homes were blown over and damage was sustained to one permanent home.						
Emmons County									
1 N Braddock	30	1846CST 1849CST			0	0			Hail (1.00)
Burleigh County									
11 NW Regan	30	1900CST			0	0	2K		Thunderstorm Wind (G57)
			Campers at New Johns Lake damaged.						
Emmons County									
Linton	30	1900CST 1905CST			0	0			Hail (1.00)
McIntosh County									
10 N Ashley	30	1953CST 2000CST			0	0	25K		Thunderstorm Wind (G74)
			Damage to quonset. Door blown in and roof damaged.						
McIntosh County									
17 ENE Ashley	30	2010CST 2015CST			0	0	2K		Thunderstorm Wind (G65)
			Also had 1.00 inch diameter hail. Large tree blown over. Windows broken.						
<u>NORTH DAKOTA, East</u>									
Richland County									
2 E Hankinson	05	1300CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, East</u>									
Cass County									
Horace	05	1328CST			0	0			Hail (0.75)
Nelson County									
15 N Tolna	05	1721CST			0	0			Hail (0.88)
Barnes County									
6 E Rogers	05	1725CST			0	0			Hail (1.00)
Griggs County									
5 W Cooperstown	05	1731CST			0	0			Hail (0.75)
Nelson County									
2 NW Mapes	05	1735CST			0	0			Hail (0.75)
Nelson County									
1 W Michigan City	05	1740CST			0	0			Hail (0.88)
Steele County									
Finley	05	1745CST			0	0			Hail (0.88)
Steele County									
10 SSE Finley	05	1755CST			0	0			Funnel Cloud
			A persistent wall cloud produced a brief funnel.						
Nelson County									
5 E Petersburg	05	1757CST			0	0			Hail (0.88)
Barnes County									
7 NNE Oriska	05	1800CST			0	0			Hail (1.00)
Ramsey County									
5 N Brocket	05	1810CST			0	0			Funnel Cloud
			A funnel cloud was reported.						
Grand Forks County									
3 N Niagara	05	1811CST			0	0			Hail (0.75)
Cass County									
5 NNE Buffalo	05	1815CST			0	0			Hail (1.00)
Grand Forks County									
5 E Niagara	05	1815CST 1823CST			0	0			Hail (0.88)
Steele County									
10 E Hope	05	1825CST			0	0			Hail (1.00)
Traill County									
Clifford	05	1830CST			0	0			Hail (1.00)
Cass County									
2 W Casselton	05	1834CST			0	0			Funnel Cloud
			A persistent wall cloud produced a funnel west of Casselton.						
Cass County									
2 WSW Leonard	05	1835CST	0.2	25	0	0			Tornado (F0)
			A deputy reported a tornado along the Cass and Ransom county line.						
Ransom County									
8 ENE Sheldon	05	1835CST	0.2	25	0	0			Tornado (F0)
			A deputy reported a tornado along the Cass and Ransom county line.						
Sargent County									
5 N Cayuga	05	1835CST			0	0			Funnel Cloud
			A persistent wall cloud and a brief funnel were reported north of Cayuga.						
Sargent County									
6 N Cayuga	05	1840CST			0	0			Hail (1.25)
Grand Forks County									
2 W Emerado	05	1850CST			0	0			Funnel Cloud
			A persistent wall cloud and funnel were reported.						
Grand Forks County									
6 NW Arvilla	05	1851CST			0	0			Hail (0.75)
Cass County									
6 E Casselton	05	1855CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, East</u>									
Grand Forks County									
Grand Forks Afb	05	1900CST			0	0			Hail (1.00)
Cass County									
2 E Mapleton	05	1905CST			0	0			Hail (0.88)
Richland County									
4 SW Hankinson	05	1926CST			0	0			Hail (1.75)
Richland County									
4 SE Colfax	05	1930CST			0	0			Thunderstorm Wind (G50)
			Several large tree branches were blown down in shelterbelts along Interstate 29.						
Grand Forks County									
4 NNW Grand Forks	05	1932CST			0	0			Thunderstorm Wind (G51)
			The wind gust was measured by a ND DOT RWIS sensor along Interstate 29.						
Richland County									
7 SW Hankinson	05	1932CST			0	0			Funnel Cloud
			A persistent wall cloud and funnel were reported.						
Richland County									
8 SSE Hankinson	05	1940CST 1950CST			0	0			Hail (1.00)
Richland County									
8 SSW Hankinson to 7 S Hankinson	05	1941CST 1946CST	2	25	0	0			Tornado (F0)
			The tornado tracked through open fields and pastureland. The tornado occurred near Interstate 29 near the South Dakota border.						
Richland County									
9 SSW Hankinson	05	1950CST			0	0			Funnel Cloud
			Two weak funnels were viewed from Interstate 29 near the South Dakota border.						
Richland County									
11 SE Hankinson	05	2000CST			0	0			Hail (0.88)
Sargent County									
Cayuga	14	0530CST			0	0			Hail (0.88)
Sargent County									
1 NE Geneseo	14	0550CST			0	0			Hail (0.88)
Richland County									
1 S Lidgerwood	14	0600CST			0	0			Hail (1.50)
Benson County									
1 NE Oberon	15	2015CST			0	0			Hail (0.88)
Benson County									
11 ESE Oberon	15	2055CST			0	0			Hail (0.75)
			The hail fell along the Benson and Eddy county line.						
Eddy County									
5 E Sheyenne	15	2055CST			0	0			Hail (0.75)
			The hail fell along the Eddy and Benson county line.						
Eddy County									
8 S Hamar	15	2105CST			0	0			Thunderstorm Wind (G50)
			4 to 6 inch diameter tree branches were broken off.						
Towner County									
14 WNW Rocklake to 12 WNW Rocklake	23	1305CST 1310CST	2	25	0	0			Tornado (F0)
			This tornado originated in Rollette County.						
Towner County									
4 W Rocklake to 3.5 W Rocklake	23	1314CST 1316CST	0.5	25	0	0			Tornado (F0)
			A long and slender tornado briefly touched down in an open field.						
Barnes County									
3 SSE Kathryn	23	1335CST			0	0			Hail (0.88)
			The hail fell along the Barnes and Ransom county line.						
Ransom County									
7 N Ft Ransom	23	1335CST			0	0			Hail (0.88)
			The hail fell along the Ransom and Barnes county line.						

Storm Data and Unusual Weather Phenomena

June 2006

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

NORTH DAKOTA, East

Barnes County							
7 S Pillsbury	23	1408CST			0	0	Hail (0.88)
Barnes County							
11 N Oriska	23	1430CST			0	0	Hail (0.75)
Cass County							
9 NW Buffalo	23	1430CST			0	0	Hail (0.88)
Barnes County							
2 W Rogers	24	1245CST			0	0	Hail (1.00)
Walsh County							
4 W Fordville	24	1600CST			0	0	Hail (0.75)
Grand Forks County							
12 W Inkster	24	1610CST			0	0	Hail (0.88)
Ramsey County							
Brocket	24	1633CST 1641CST			0	0	Hail (0.88)
		Hail covered the ground.					
Nelson County							
10 N Lakota	24	1640CST			0	0	Hail (0.75)
Traill County							
3 NE Hillsboro	26	1221CST			0	0	Hail (0.75)
Traill County							
8 SE Hillsboro	26	1245CST			0	0	Thunderstorm Wind (G52)
Benson County							
Minnewaukan	26	1323CST 1327CST			0	0	Hail (0.88)
		The hail covered the ground.					
Grand Forks County							
2 NE Larimore	26	1325CST 1335CST			0	0	Hail (0.75)
Eddy County							
2 N New Rockford	26	1330CST			0	0	Hail (0.88)
Griggs County							
10 NE Binford	26	1330CST			0	0	Hail (1.00)
Griggs County							
10 NE Binford	26	1505CST			0	0	Hail (1.00)
Griggs County							
15 N Cooperstown	26	1510CST			0	0	Hail (0.75)
Towner County							
5 SE Cando	30	1910CST			0	0	Hail (1.00)
Cavalier County							
7 W Langdon	30	1917CST			0	0	Hail (1.00)
Cavalier County							
2 S Nekoma	30	1930CST			0	0	Hail (1.00)
Ramsey County							
9 N Edmore	30	1930CST			0	0	Hail (1.00)
Walsh County							
3 NW Fairdale	30	1935CST			0	0	Hail (1.00)
Ramsey County							
8 W Lawton	30	1952CST			0	0	Hail (0.75)
Walsh County							
Lankin	30	2015CST			0	0	Hail (1.00)
Walsh County							
3 W Pisek	30	2028CST 2032CST			0	0	Hail (0.88)
Nelson County							
4 SW Whitman	30	2030CST			0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, East</u>									
Grand Forks County									
1 NE Inkster	30	2052CST			0	0			Hail (0.88)
Ransom County									
Lisbon	30	2125CST			0	0			Thunderstorm Wind (G54)
Sargent County									
Gwinner	30	2127CST			0	0			Thunderstorm Wind (G50)
Grand Forks County									
Grand Forks	30	2135CST			0	0			Hail (1.00)
The hail fell at the National Weather Service office on the west side of the city.									
Ransom County									
7 E Lisbon	30	2135CST			0	0			Thunderstorm Wind (G52)
Richland County									
Wahpeton	30	2200CST			0	0			Thunderstorm Wind (G59)
Richland County									
1 N Christine	30	2205CST			0	0			Thunderstorm Wind (G59)
Richland County									
Wahpeton	30	2210CST			0	0			Thunderstorm Wind (G50)
Tree branches were snapped off across the north side of Wahpeton.									
Richland County									
5 N Lidgerwood	30	2245CST			0	0			Thunderstorm Wind (G55)
Several trees were blown down.									
<u>OHIO, East</u>									
Tuscarawas County									
Sugar Creek	22	0000EST			0	0	15K		Thunderstorm Wind (G52)
Barn roof blown off. Trees blown down.									
Tuscarawas County									
5 NE Newcomerstown	22	1400EST			0	0	8K		Thunderstorm Wind (G50)
Trees and power lines blown down.									
Monroe County									
Woodsfield	22	1410EST			0	0	3K		Thunderstorm Wind (G50)
Trees down along SR 26.									
Columbiana County									
Salem	22	1420EST			0	0			Hail (0.75)
Carroll County									
Dellroy	22	1430EST			0	0			Thunderstorm Wind (G50)
Trees down.									
Muskingum County									
Zanesville	22	1435EST			0	0			Hail (0.88)
Harrison County									
Cadiz	22	1445EST			0	0	15K		Thunderstorm Wind (G50)
Numerous trees down county-wide.									
Jefferson County									
Dillonvale	22	1505EST			0	0	15K		Thunderstorm Wind (G50)
Several trees and power lines blown down. 400 customers lost electricity.									
Carroll County									
Carrollton	22	1510EST			0	0			Thunderstorm Wind (G50)
Trees down.									
Belmont County									
Martins Ferry	22	1515EST			0	0	15K		Thunderstorm Wind (G50)
Trees blown down in Martins Ferry. Other trees and power lines down near Piedmont Lake. 245 customers lost electric power.									
Tuscarawas County									
Dover	22	1558EST			0	0			Hail (0.75)
Coshocton County									
Warsaw	22	1625EST			0	0	15K		Thunderstorm Wind (G50)
Numerous trees down along SR 36 and SR 83.									

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Tuscarawas County									
New Philadelphia	22	1630EST 1644EST			0	0			Flash Flood
			Crooked Run overflowed and flooded Ragersville Rd and Crooked Run Rd.						
Carroll County									
Malvern	22	1645EST 1655EST			0	0			Flash Flood
			Roads flooded in Harrison Twp, Rose Twp, and Brown Twp.						
Muskingum County									
5 SW Zanesville	22	1650EST 1800EST			0	0			Flash Flood
			SR 555 was flooded at 550 PM EDT. By 610 PM EDT, several roads were flooded in southwestern Muskingum County, between Zanesville and Fultonham.						
Tuscarawas County									
5 SW Dover	22	1700EST			0	0	15K		Thunderstorm Wind (G50)
			Numerous trees and power lines down.						
Carroll County									
Carrollton to 5 N Carrollton	22	1705EST			0	0	5K		Thunderstorm Wind (G57)
			65 mph gust (57 kt) reported by skywarn spotter. Trees blown down along SR 39.						
Noble County									
5 N Caldwell	22	1705EST			0	0	8K		Thunderstorm Wind (G50)
			Trees and power lines down.						
Columbiana County									
Leetonia	22	1720EST			0	0			Hail (0.75)
Jefferson County									
Connorville	22	1725EST			0	0	7K		Thunderstorm Wind (G50)
			Numerous trees down along SR 150, near Buckeye Local High School.						
Harrison County									
Countywide	22	1730EST			0	0	20K		Thunderstorm Wind (G50)
			Numerous trees down county-wide.						
Tuscarawas County									
New Philadelphia	22	1800EST 1930EST			0	0	15K		Flash Flood
			Many basements and roads flooded.						
Tuscarawas County									
New Philadelphia	22 23	1912EST 0015EST			0	0			Flood
			Tuscarawas River at New Philadelphia rose above flood stage (7 ft) at 812 PM EDT on 22nd. It crested at 7.45 ft at 10 PM EDT on 22nd, and fell below flood stage at 115 AM EDT on the 23rd.						
Guernsey County									
North Salem	28	1615EST			0	0			Hail (0.75)
Muskingum County									
Nashport	28	2102EST			0	0			Hail (0.88)
<u>OHIO, North</u>									
Morrow County									
Shauck	01	1530EST			0	0	3K		Thunderstorm Wind (G52)
			A wind gust estimated at 60 mph brought down two large trees. Penny size hail was also observed.						
Richland County									
Bellville	01	1545EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Marion County									
La Rue	03 04	0227EST 0500EST			0	0	0	0	Flood
			The Scioto River at LaRue flooded from the early morning hours of the 3rd through the early morning hours of the 4th. Flood stage is 11.0 feet. The river crested during the afternoon on the 3rd. No injuries or significant damage was reported during this event.						
Seneca County									
3 NE Tiffin	03	1500EST			0	0			Hail (0.75)
			Penny size hail was observed.						

Storm Data and Unusual Weather Phenomena

June 2006

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									
Bucyrus	03	1537EST			0	0	15K		Thunderstorm Wind (G50)
									Severe thunderstorm winds took down a portion of a barn roof. Several tree limbs were also down.
Crawford County									
Chatfield	03	1537EST			0	0			Hail (0.75)
									Penny size hail was observed.
Crawford County									
2 N North Robinson	03	1615EST			0	0			Hail (0.88)
									Nickel size hail was observed.
Morrow County									
Shauck	03	1640EST			0	0			Hail (0.88)
									Nickel size hail was observed. A large limb was also reported down.
Morrow County									
3 NW Chesterville	03	1700EST			0	0	10K		Hail (1.00)
									Quarter size hail was observed.
Marion County									
Prospect	04	2315EST			0	0	0		Flood
	05	1250EST							The Scioto River at Prospect went into flood shortly after midnight on the 5th, and remained above flood stage until the early afternoon hours. Flood stage is 9.0 feet. The river crested around 9.1 feet during the morning hours.
Seneca County									
Republic	08	1825EST			0	0	0.80K		Hail (0.75)
									Penny size hail was observed. A large tree was also reported down from the thunderstorm.
Crawford County									
New Washington	08	1840EST			0	0			Hail (0.75)
									Penny size hail was observed.
Richland County									
Mansfield	08	1908EST			0	0			Hail (1.00)
									Quarter size hail was observed.
Morrow County									
Iberia	08	1915EST			0	0			Hail (0.75)
									Penny size hail was observed.
Richland County									
Butler	08	1930EST			0	0	1K		Thunderstorm Wind (G50)
									A large tree and a large limb was reported down.
Crawford County									
Northeast Portion	08	2000EST 2130EST			0	0	25K		Flash Flood
									Thunderstorms dumped locally heavy rains on the northeastern portion of Crawford County. Radar estimated that up to two inches of rain fell between 7 and 8 p.m in this area. State Routes 98 and 602 had to be closed south of New Washington because of flooding.
Wood County									
Bloomdale	18	1745EST			0	0	5K		Thunderstorm Wind (G55)
									Three large trees and six large limbs were reported down.
Lorain County									
Lorain to Avon Lake	19	1440EST 1455EST			0	0	3K		Thunderstorm Wind (G50)
									Two trees were reported down in Lorain and Avon Lake.
Cuyahoga County									
Westlake	19	1514EST			0	0			Hail (0.75)
									Penny size hail was observed.
Lucas County									
Toledo	19	1520EST			0	0			Hail (0.88)
									Nickel size hail was observed.
Cuyahoga County									
Valley View	19	1530EST			0	0	10K		Thunderstorm Wind (G50)
									Several trees were reported down.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
OHIO, North									
Lake County									
Willoughby Hills	19	1535EST			0	0	10K		Thunderstorm Wind (G50)
					Two trees were reported down. Power lines were also taken down from the fallen trees.				
Geauga County									
Chesterland to Montville	19	1545EST 1555EST			0	0	30K		Thunderstorm Wind (G50)
					Numerous trees were reported down across the northern part of the county.				
Ashtabula County									
Hartsgrove to Orwell	19	1608EST 1615EST			0	0	2K		Thunderstorm Wind (G50)
					A few trees were reported down.				
Trumbull County									
Champion Hgts	19	1610EST			0	0	25K		Thunderstorm Wind (G50)
					Several trees and power lines were reported down.				
Lucas County									
Sylvania	19	1640EST			0	0			Hail (0.88)
					Nickel size hail was observed.				
Geauga County									
1 S Chardon	19	1645EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Ottawa County									
1 NW Oak Harbor	19	1645EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Lucas County									
Toledo	19	1648EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Lucas County									
Pt Place	19	1651EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Ottawa County									
Oak Harbor	19	1653EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Ottawa County									
Oak Harbor	19	1703EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Wood County									
Custar	19	1728EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Ottawa County									
Port Clinton	19	1750EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Wood County									
Rising Sun	19	1750EST			0	0	5K		Hail (1.00)
					Quarter size hail was observed.				
Erie County									
Sandusky	19	1804EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Sandusky County									
6 E Vickery	19	1805EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Seneca County									
2 NE Fostoria	19	1807EST			0	0			Hail (0.75)
					Penny size hail was observed.				
Erie County									
Sandusky	19	1815EST			0	0	5K		Thunderstorm Wind (G50)
					Numerous large limbs were reported down.				

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Erie County									
Sandusky	19	1828EST			0	0			Hail (0.88)
			Nickel size hail was observed.						
Erie County									
7 S Sandusky	19	1843EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Lorain County									
Elyria	19	1848EST 1852EST			0	0			Hail (1.00)
			Hail was initially observed as penny size, but continued to increase to quarter size before ending.						
Erie County									
Kimball	19	1850EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Wyandot County									
3 W Upper Sandusky	19	1905EST			0	0			Hail (0.88)
			Nickel size hail was observed.						
Huron County									
Norwalk	19	1910EST			0	0	1K		Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Cuyahoga County									
Westlake	19	1925EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Lorain County									
North Ridgeville	19	1925EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Lake County									
Painesville	19	1950EST			0	0	3K		Thunderstorm Wind (G50)
			Two trees were reported down.						
Geauga County									
Chesterland to Welshfield	19	2005EST 2015EST			0	0	1K		Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Crawford County									
East Portion	21	0900EST 1300EST			0	0	350K		Flash Flood
			Thunderstorms dumped two to three inches of rain on eastern Crawford County during the morning of June 21st. Severe flooding occurred in the New Washington and Crestline areas. Several roads including State Routes 602, 598 and 96 were flooded by as much as three feet of water. Severe flooding was also reported along Connely Road west of New Washington where several cars became stranded in flood waters over three feet deep. Five houses were damaged northwest of Crestline along State Route 598. At least one of the houses had water flowing through the ground floor. Numerous other houses in the county sustained damage from basement flooding.						
Lucas County									
Countywide	21 22	1905EST 0115EST			0	0	14.8M		Flash Flood
			Thunderstorms dumped torrential rainfall on Lucas County during the evening hours of June 21st. Rainfall rates with the stronger storms exceeded 3 inches per hour. A peak rainfall total of 7.25 inches was measured near the University of Toledo. Other totals from across the county included: 5.15 inches in West Toledo; 5.01 inches in Richfield Township; 4.06 inches in downtown Toledo and 2.72 inches at Toledo Express Airport. Most of this rain fell between 7 and 10 p.m., and a spotter in West Toledo measured 3.4 inches of rain between 7 and 8:30 p.m. Devastating flash flooding occurred across the county with Toledo, Maumee and Sylvania especially hard hit. Roads and streets throughout the county were turned into rivers. Hundreds of vehicles became stranded in the flood waters and emergency responders performed dozens of boat rescues. Shanteee Creek left it's banks causing extensive damage along Crawford and Poinsetta Avenues. Many stores at the Franklin Park Mall and dozens of homes nearby were damaged by flooding after a drainage ditch along Monroe Street (State Route 51) overflowed. Floodwaters in these areas were reported to be several feet in depth. Extensive damage was also reported on Longwood Avenue. Dozens of roads and streets had to be closed with many of them under as much as four feet of water. Two homes were destroyed in Lucas County during this event with 125 homes sustaining major damage and around 200 homes suffering minor damage. An additional 1,000 homes sustained damage from basement or nuisance flooding. The City of Toledo alone spent over \$250,000 responding to this event. Local officials stated that this was the worst flooding seen in the area since July 4th, 1969.						

Storm Data and Unusual Weather Phenomena

June 2006

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

Ottawa County Countywide

21	1930EST				0	0	250K	6M	Flood
22	2000EST								

Thunderstorms dumped as much as 8 to 10 inches of rain on portions of Ottawa County on June 21st and 22nd. Widespread flooding occurred across the county as runoff from this heavy rain made it into area streams and rivers. At the peak of the flooding, much of the county was under standing water. Numerous roads had to be closed because of flooding. Hundreds of homes sustained damage during this event. Initial estimates indicate that as much as 20 percent of the soybean crop in the county was destroyed by flooding. Local officials stated that flood damage in the county was the worst since July 4th, 1969.

Wood County North Portion

21	2038EST				0	0	375K		Flash Flood
22	0030EST								

Thunderstorms dumped locally heavy rains on much of Wood County during the evening hours of June 21st. The heaviest rains fell on the northern two tiers of townships. Spotters in Haskins measured 4.5 inches of rain with 4.0 inches recorded in Perrysburg and 2.50 inches at North Baltimore. Most of this rain fell between 7 and 9 p.m. Significant street and lowland flooding was reported in the Perrysburg and Lake Township areas. Several roads had to be closed because of flood waters over two feet deep. Further south, nuisance flooding occurred in and around Bowling Green. At least three buildings on the Bowling Green State University campus sustained flood damage. Hundreds of homes in the county experienced basement flooding.

Ottawa County Countywide

21	2130EST				0	0	5M		Flash Flood
22	0030EST								

Thunderstorms dumped very heavy rains on Ottawa County during the evening hours of June 21st. The rain began around 7 pm with rainfall rates later in the evening exceeding three inches per hour. Rainfall totals from the storm ranged from 6 to 8 inches in the Port Clinton area with slightly lesser amounts further east and south. Widespread flash flooding occurred across the county. The flooding was especially bad in Port Clinton where firefighters rescued 15 motorists from their stranded vehicles between 10:30 and 11:30 p.m. Floodwaters over three feet deep were reported in many locations in the city. At the peak of the event, flood waters on Buckeye Boulevard were over four feet deep. Extensive flooding occurred on the ground floor of a local hospital. Several apartment buildings were also flooded in the city requiring the evacuation of dozens of residents. Flooding elsewhere in the county closed a couple dozen roads. Dozens of homes and businesses sustained significant damage from flooding that made it into their ground floors. Several hundred more homes sustained lesser damages, mainly from basement flooding. Local officials stated that this was the worst flooding seen in the county since the historic flood and severe weather episode of July 4th, 1969.

Erie County Countywide

21	2215EST				0	0	2M		Flash Flood
22	0145EST								

Thunderstorms dumped torrential rains on Erie County during the evening of June 21st. Rainfall rates with the stronger storms exceeded three inches per hour. As much as 7 to 9 inches of rain fell on Perkins Township with 4 to 6 inches over the remainder of the county. Most of this rainfall fell between 8 and 11 p.m. Devastating flash flooding occurred across the county as result of this rainfall. Perkins, Milan, Huron and Margaretta Townships were the hardest hit by the flooding. Rapid rises in water levels occurred in the county forcing the closure of dozens of roads and streets. Hundreds of people had to be evacuated from flood prone areas. The flooding was especially bad along Pike Creek in Perkins Township which quickly left it's bank. Flooding also occurred along Mills Creek near Sandusky with several roads in the city flooded by two to three feet of water. The flooding worsened after daybreak on the 22nd as runoff from the heavy rains on the 21st made it's way into the larger creeks and rivers. Local officials stated that this flood event was the worst in the county since the July 4th, 1969. See the accompanying flood event write-up for damage estimates and more details on the damage.

Lorain County Countywide

21	2255EST				0	0	600K		Flash Flood
22	0400EST								

Thunderstorms dumped torrential rains on Lorain County during the late evening hours of June 21st and early morning hours of the 22nd. Rainfall rates with the stronger storms approached 3 inches per hour. A peak rainfall total of 6.5 inches was reported in Vermilion with 4 inches of this total falling between 9 and 11 p.m. Other rainfall totals from across the county included: 5.12 inches at Findlay State Park south of Wellington, 4.65 inches in Canton Township and 3.42 at the Lorain County Airport near Elyria. Flash flooding occurred as runoff from this rain made it's way into the area streams and rivers. Many roads had to be closed because of flooding. Over three feet of fast flowing water was reported on State Route 511 just south of Rochester. Other streets and roads in the county had to be closed as well, especially in the northwest corner of the county. Dozens of homes sustained damaged from basement or nuisance flooding.

Storm Data and Unusual Weather Phenomena

June 2006

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

Huron County Countywide

	21	2300EST			0	0	8M		Flash Flood
	22	0715EST							

Thunderstorms dumped torrential rains on Huron County during the late evening hours of June 21st and early morning hours of the 22nd. Widespread and devastating flash flooding occurred as a result of this rain. Damage in the county was the worst since the storms of July 4th, 1969. Between 5 and 9 inches of rain fell on much of the county. Cooperative observers in Norwalk measured a storm total of 5.70 inches with a spotter report just south of town of 6.66 inches. Other reports included 6.0 inches in New London and 4.20 inches in Fitchville. Most of this rain fell in a three to four hour period. Runoff from this rain caused area streams and rivers to quickly rise. By 3 a.m. evacuations were under way in Norwalk where flood waters around two feet deep were already being reported on the ground floors of several homes. Evacuations were also conducted near Clarksfield around the same time. Many of these evacuations were conducted by boat. Water levels continued to rise as daybreak approached. Dozens of roads in the county were washed out or flooded with water in some areas several feet deep. Dozens of vehicles became stranded in the flood waters and many motorists had to be rescued by emergency personnel. The Norwalk area was especially hard hit. By 8 am on the 22nd, the city had effectively been cut in half by the flooding with Linwood Avenue the only accessible north/south route still open. Evacuations continued through the morning hours of the 22nd with residents along Elm Street evacuated after daybreak. Water Steet and Benedict Avenue were also hard hit with homes and business heavily damaged or destroyed. Significant flooding also was reported in New London where over 100 homes were damaged by flooding. See the accompanying flood write up for more damage estimates and information.

Crawford County Northeast Portion

	21	2330EST			0	0	250K	500K	Flash Flood
	22	0115EST							

Thunderstorms redeveloped over Crawford County during the late evening hours of June 21st. One to three inches of rain fell on much of the county during a two hour period. With streams and rivers already full and the ground still saturated from heavy rains earlier in the day, flash flooding resumed over portions of the county. Flood waters over three feet deep forced the closure of State Routes 58 and 602 in the northeastern corner of the county. Homes in the area were again inundated by flood water. The flooding also severely impacted the crops in the county with projected yields reduced significantly in some areas.

Seneca County West Portion

	21	2330EST			0	0	250K	750K	Flash Flood
	22	0200EST							

Thunderstorms dumped 1 to 2 inches of rainfall on the western half of Seneca County during the evening hours of the 21st on ground already saturated from flooding earlier in the day. Cooperative observers in Tiffin measured 3.33 inches of rain on the 21st with 2.39 inches measured by spotters in the eastern portion of county. Widespread lowland and urban flooding occurred as streams and creeks quickly left their banks. The street flooding was especially bad in Fostoria where an underpass was flooded by more than four feet of water. Numerous other roads and streets were also closed because of flooding. Dozens of homes sustained damage from basement and nuisance flooding. Crop losses because of flooding were also substantial.

Sandusky County Countywide

	22	0000EST 0500EST			0	0	2.3M		Flash Flood
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Thunderstorms dumped torrential rains on Sandusky County during the evening hours of June 21st and early morning hours of the 22nd. Rainfall rates with the stronger storms approached three inches per hour. Rainfall totals for the event include: 7.5 inches in northeastern Townsend Township; 5.0 inches at Woodville; 4.5 inches north of Fremont; 4 inches in Clyde and 3.5 inches in Lindsey. Widespread flash flooding occurred in the county as a result of this heavy rain. Flooding was reported in Fremont with many streets flooded with 2 to 3 feet of water. Residents of an apartment complex in Fremont were evacuated after flooding occurred on the ground floor of their building. A YMCA building nearby was also heavily damaged. Thirty homes along Clinton Street were damaged by flooding. Dozens of other homes and businesses were damaged in Fremont by basement or nuisance flooding. Flooding was also bad in the portion of Bellevue in Sandusky County. Homes along Attwood Terrace were flooded and residents began evacuating around 1 a.m. on the 22nd. Over a dozen vehicles were stranded by flooding in Bellevue alone. Extensive flooding was also reported in Woodville, Clyde and in Riley and Townsend Townships. Many roads had to be closed because of flooding. Damage to roads occurred at several locations in the county. Local officials stated that this flooding was the worst seen in the county since July 4th, 1969.

Ashland County North Portion

	22	0145EST 0730EST			0	0	250K	1M	Flash Flood
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Thunderstorms dumped torrential rain on the northern part of Ashland County during the late evening hours of June 21st and early morning hours of June 22nd. As much as 4 to 6 inches of rain fell in the Sullivan area with 3 to 4 inches reported at Polk, Nankin, Nova and Savannah. Several roads had to be closed because of flooding. U.S. Route 224 had to be closed near Sullivan after a drainage ditch flooded. A home nearby was destroyed around 3:30 a.m. after flood waters two to three feet deep accumulated around the house and caused a basement wall to fail. One person in the home had to be rescued by emergency personnel. A few gravel roads in the northern tier of townships in the county were partially washed out. Several homes sustained damage from basement flooding. Most of these were in and around Sullivan. Crop losses in the county are expected to be significant as standing water was observed in many fields.

Storm Data and Unusual Weather Phenomena

June 2006

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

Erie County Countywide

	22	0145EST			0	0	18.5M	5M	Flood
	23	2000EST							

Devastating and widespread flooding developed in Erie County on June 22nd as runoff from the heavy thunderstorm rains that fell during the evening of the 21st made its way into area streams and rivers. Initially much of the flooding in the county was in urban areas where water several feet deep accumulated on streets and roads as a result of overwhelmed storm sewers and drainage ditches. But after the rain quit, this flooding diminished during the early morning hours of the 22nd. The improvement in conditions was short lived as runoff caused area streams and rivers to quickly rise as daybreak on the 22nd approached. By 5:30 a.m. evacuations were being conducted along the Huron River near Milan. Evacuations in Perkins Township began around 7:30 a.m. and by early afternoon residents in the Milan Township community of Franklin Flats were being evacuated. In Perkins Township, Pipe Creek left its banks flooding six streets in the Lakeland Subdivision, Terrace Court Mobile Home Park and Searsville. Fifty homes on these streets were evacuated after flood waters reached three to four feet in depth. A total of 75 people had to be rescued by boat in this area. Franklin Flats was also devastated by flooding as the Huron River rose from a stage of 6.5 feet just after midnight to 23.95 feet around 2 pm on the 22nd. Much of this rise occurred after 9 a.m. At least half of the homes in Franklin Flats were heavily damaged by the flooding. Flooding along the Vermilion River resulted in several homes being evacuated along Riverside Drive in Vermilion. Three piers and several boats in this area were washed out into Lake Erie. A total of 20 homes were destroyed by flooding in Erie County with 25 homes suffering major damage and 79 more with minor damage. Several motorists had to be rescued from stranded vehicles. In addition, 64 mobile homes in Terrace Court and Franklin Flats were heavily damaged. Several hundred additional homes and businesses sustained damage from either basement or nuisance flooding. A total of 573 people were evacuated in the county by emergency personnel. Damage to roads, culverts and bridges was significant. Crop losses in the county are expected to be substantial as standing water was reported over most of the county. Local officials stated that this flooding was the worst in the county since the storms of July 4th, 1969.

Lorain County Countywide

	22	0400EST			1	0	3.5M	5M	Flood
	23	1800EST							

Runoff from heavy thunderstorm rains earlier in the night caused streams and rivers in Lorain County to rapidly rise. By mid-morning evacuations were conducted along the East Branch of the Black River in both Lagrange and Carlisle Townships. A total of ten homes were evacuated. In Lagrange Township, four people had to be rescued by boat from their Vermont Road home. Evacuations were conducted later in the morning in Elyria as the Black River flooded the Greenview Drive area. Water rose to the second floors of 13 homes in this neighborhood. At least one person had to be rescued by boat from the roof of his home. The Black River later crested at 16.9 feet, well above the flood stage of 9.5 feet. Tragically, a 47 year old rescue diver was killed while trying the rescue two teenagers who drove their vehicle into an area flooded by the West Branch of the Black River. This occurred just northwest of Wellington along Pitts Road just after noon. The firefighter was swept off his feet while wading through three to four feet of swift moving water. The firefighter was tethered by a safety line, but died before he could be pulled from the water by fellow rescuers. Around 25 homes were heavily damaged by flooding in the county with several dozen more sustaining lesser damages. One home in Carlisle Township sustained enough damage to be classified as destroyed. Twenty eight apartments, mostly in Carlisle Township, were also damaged by the flooding. State Routes 18, 511, 58 and 303 all had to be closed because of flooding. A couple dozen other roads and streets also had to be closed. Hundreds of homes sustained damage from basement flooding. Crop losses in Lorain County are also expected to be substantial as standing water was observed over much of the county. M47IW

Sandusky County Countywide

	22	0500EST			0	0	2.5M	5M	Flood
	23	1800EST							

Flooding continued in Sandusky County well after the heavy rains that caused flash flooding early on June 22nd ended. Runoff from the heavy rains caused rapid rises in all of the streams and rivers in the county on June 22nd. Both the Sandusky and Portage Rivers went into flood damaging many homes and businesses. Several homes along Riverview Avenue in Woodville were damaged. Homes in Fremont also experienced flooding. However, perhaps the hardest hit part of the county was northern Townsend Township where 7.5 inches of rain fell. Flooding along Pickerel Creek was significant and two adults and a child had to be rescued from their car along U.S. Highway 6 near the creek around noon on the 22nd. Homes in Whites Landing had as much as three feet of water on their ground floors. Significant damage occurred to roads, bridges and culverts in the county. Twenty roads remained closed in the county as late as daybreak on the 23rd. Crop losses are expected to be significant as standing water covered much of the county. Flooding in Sandusky County during this event was the worst since July 4th, 1969.

Storm Data and Unusual Weather Phenomena

June 2006

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

Huron County Countywide

22	0715EST				0	0	12M	7M	Flood
23	2000EST								

Flooding continued to worsen in Huron County on June 22nd even after the heavy rains had ended. The City of Norwalk was especially hard hit as flooding from Norwalk Creek affected much of the city. Flood waters on Water and Elm Streets rose to as much as 12 feet in depth on the 22nd. Evacuations continued throughout the day as water levels climbed. Additional rainfall during the afternoon further aggravated conditions. Water levels finally receded on the 23rd revealing the devastation the flooding caused throughout the county. Over a dozen homes in the county were classified as being destroyed with another 35 to 40 with major damage. Close to 200 homes were classified as having minor damage with another 600 to 700 sustaining damage from basement or nuisance flooding. Most of these homes were in the Norwalk area, although there were around 100 homes damaged in New London from mostly basement flooding. Seven business along Water Street in Norwalk were heavily damaged with another 20 to 25 businesses in the area sustaining lesser damages. Damages to the businesses along Water Street alone topped \$1 million. At the peak of the flooding, most of streets in the southern half of Norwalk were closed with around 35 roads and highways elsewhere in the county closed. Hundreds of people had to be evacuated from their homes, many by boat. Around 600 feet of Lamereaux Road northwest of Norwalk was washed out, along with portions of Old State Road. Government clean up costs and damage to bridges, roads and culverts topped \$1.5 million in Huron County. Crop losses because of flooding are estimated to be around 30 percent. At the peak of the flooding the majority of the county was under water. Local officials stated that flooding during this event was the worst since the July 4th, 1969.

Ottawa County Countywide

22	1445EST				0	0	500K		Flash Flood
	1930EST								

Thunderstorms redeveloped along the south shore of Lake Erie during the afternoon of June 22nd and dumped a second round of heavy rain on portions of Ottawa County. With streams and rivers already full and the ground saturated from earlier rains, flash flooding resumed in the county. One to three inches of additional rainfall was reported during the afternoon bringing 24 hour totals to around 10 inches in Port Clinton and 6 inches in Elmore. Streets and roads in the county once again became impassable in many areas. Two adults and a child had to be rescued from a stranded vehicle. In addition to the substantial property losses across the county, significant crop damage also occurred. Initial estimates indicate that as much as 20 percent of the soybean crop in Ottawa County was destroyed by the flooding on the 21st and 22nd.

Cuyahoga County East Portion

22	1524EST				0	0	35M		Flash Flood
	2100EST								

Thunderstorms dumped torrential rainfall on much of Cuyahoga County during the late afternoon and early evening hours of June 22nd. With the ground already saturated from heavy rains the previous 24 hours, flash flooding quickly developed. The eastern and southern portions of the county were especially hard hit with significant damage reported in Brecksville, Broadview Heights, Parma, North Royalton and Solon. Spotters in Solon measured 5.0 inches of rain between 3:30 and 7:30 pm. A spotter in Parma reported a 24 rainfall total of 6 inches. Other storm totals included: 5.20 inches in Solon; 4.55 inches in Oakwood; 4.39 inches in Brecksville; 3.43 inches in North Royalton and 3.02 inches in Broadview Heights. Two to three feet of water was reported on many streets effectively turning them into rivers. Dozens of motorists had to be rescued from their vehicles. In Independence, 21 passengers had to be rescued from a scenic railway train after the railroad's tracks became flooded. In Brecksville, Chippewa Creek turned into a raging torrent and caused extensive damage in the city. A lumberyard near the creek saw much of it's inventory washed away and around 450 homes in thre area were damaged with 50 sustaining major damage. Also in Brecksville, a car was washed off of a road and deposited on it's side several hundred yards away. As much as two to three feet of water was reported on the ground floors of homes in Independence. In Parma, a sink hole 10 feet wide and 13 feet deep developed on State Road (State Route 94). The City of Parma spent over \$1 million for emergency response, street repairs, materials and personnel. Around 200 homes, most of them east of State Road were damaged in the city. Several hundred homes and six school buildings were damaged by flooding in North Royalton. The damage was even more widespread in Broadview Heights and Solon. In Broadview Heights, around 1800 homes were affected by flooding with over 200 sustaining major damage. Most of this damage was north of State Route 82. Another 2000 homes were damaged in Solon. Numerous roads and culverts in these areas were washed out. At the peak of the flooding, nearly two dozen streets were impassable in Solon alone. In Walton Hills, flood waters were reported flowing over guard rails lining streets. Flooding in Cuyahoga County during this event was unprecedented. Nearly 4,000 homes, 475 businesses and 21 public buildings in the county were damaged by flooding. Damage to public infrastructure alone was in the millions. See the accompanying flood write up for information on the record flooding that occurred along the Cuyahoga River.

Geauga County South Portion

22	1525EST				0	0	500K		Flash Flood
	2100EST								

Thunderstorms dumped locally heavy rains on southern Geauga County during the afternoon hours of June 22nd. This rain fell on top of ground already saturated from heavy rains the previous 24 hours. A spotter in Troy Township measured 3.94 inches of rain on June 21st and 22nd with most of this rain falling between 3 and 8 p.m on the 22nd. Streams and creeks throughout southern Geauga County quickly left their banks flooding several roads. Both U.S. Route 422 and State Route 306 near Bainbridge had to be closed. Residents of several homes on Kenston Lake south of Bainbridge had to be evacuated because of a possible dam failure at the lake. A lot of flooding was also reported in Newbury Township after several streams went into flood. Dozens of homes in the county sustained damage, mainly from basement or nuisance flooding. No significant structural damage was reported.

Storm Data and Unusual Weather Phenomena

June 2006

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

OHIO, North

Summit County

North Portion

22	1555EST 2130EST				0	0	2M		Flash Flood
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Thunderstorms dumped torrential rains on the northern portion of Summit County during the afternoon hours of June 22nd. This rain fell on ground already saturated from heavy rains the previous 24 hours. Radar estimated that 3 to 5 inches of rain fell along and north of the Ohio Turnpike during a two hour period. A spotter in Twinsburg reported over 5 inches of rain fell in 75 minutes beginning around 4 p.m. Two day storm totals from across the county included: 5.75 inches in Twinsburg; 3.30 inches in Macedonia; 3.18 inches in Bath; 2.90 inches at Portage Lakes; 2.76 inches in Munroe Falls and 2.62 at Akron Fulton Airport. Runoff from this rain caused flash flooding to quickly develop during the late afternoon hours of the 22nd. Extensive flooding was reported near the intersection of the Ohio Turnpike and State Route 21 in Richfield Township. Roads in this area were flooded by as much as two feet of water and a hotel sustained extensive damage from water flowing through it's ground floor. A lot of flooding was also reported north of Peninsula and in Twinsburg. In Twinsburg, flood water were as much as four feet deep and at least four motorists had to be rescued from their vehicles. Dozens of homes in Adams Park area were damaged by flooding. Near Peninsula, considerable damage was done to a scenic railroad track. Later in the evening, a ski resort along Riverview Road was heavily damaged by flash flooding. Dozens of roads and streets in the northern half of the county had to be closed because of flooding. Several hundred homes and businesses were damaged, mainly by basement flooding.

Stark County

South Portion

22	1640EST 2000EST				0	0	500K	250K	Flash Flood
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Thunderstorms dumped around 2 inches of rain on portions of Stark County during the afternoon hours of June 22nd. Most of this rain fell in the less than 90 minutes on ground already saturated from heavy rains the previous 24 hours. Two day rainfall totals from across the county included: 3.16 inches in Beach City; 3.10 inches in North Lawrence; 3.02 inches in Osnaburg Township; 2.98 inches in Genoa and 2.70 inches in Alliance. Rapid rises in area streams and rivers resulted from this rainfall and led to flash flooding in several areas. Most of the flooding was reported in Pike, Tuscarawas and Canton Townships. In Tuscarawas Township, Wolf Creek and Pigeon Run left their banks flooding several roads. Nimishillen Creek and Bear Run flooded in Canton and Pike Townships causing some damage. Many homes along these streams were damaged by the rapidly rising flood waters and several roads had to be closed. Damage to the homes was mainly from nuisance or basement flooding and no significant structural damage was reported. Local officials estimate that there could be some crop loss from standing water.

Portage County

North Portion

22	1655EST 2030EST				0	0	1M		Flash Flood
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Thunderstorms dumped torrential rains on Portage County during the late afternoon and early evening hours of June 22nd. Radar estimated that as much as 3 to 5 inches of rain fell across the northern portion of the county. This rain fell on ground already saturated from earlier rains. Flooding was reported in Aurora with dozens of homes in the northern half of the city sustaining damage from flooding. Most of this was basement flooding and no significant structural damage was reported. Significant street flooding also occurred in Streetsboro. Near Ravenna, a stream left it's banks and flooded much a mobile home park near State Route 59. Several residents of the park had to be evacuated. Many other homes in the county also sustained damages, mainly from basement flooding.

Medina County

Countywide

22	1700EST				0	0	500K	3M	Flood
23	1200EST								

Thunderstorms dumped locally heavy rains on Medina County on June 21st and 22nd. Runoff from this rain caused streams and rivers in the county to leave their banks during the evening hours of the 22nd. Widespread lowland flooding occurred in the county. Around 10 roads had to be closed because of flooding. Two day rainfall totals from June 21st and 22nd included: 4.06 inches at Medina; 3.81 inches at the Wadsworth Airport; 3.81 inches in Seville; 3.78 inches in Spencer; 3.41 inches in Wadsworth and 3.22 inches in Granger Township. Dozens of homes in the county sustained damage, mainly from basement flooding. Crop losses in the county are expected to be significant as many fields in the county were under standing water for several days.

Cuyahoga County

Countywide

22	2100EST				0	0	12M		Flood
23	2100EST								

Runoff from the heavy rains on June 22nd caused rapid rises in all of the streams and rivers in Cuyahoga County. The Cuyahoga River at Independence established a new record high level by cresting at 23.21 feet during the early morning hours of June 23rd. Flood stage at Independence is 16 feet. Extensive flooding occurred along the river in both Valley View and Independence. Hundreds of people had to evacuated from their homes in these locations. Significant damage was done to homes and business along the river with damage along Canal Road especially bad. Considerable damage was also reported along the small streams and creeks in county. Numerous roads, bridges and culverts were damaged by this flooding. Around 4,000 homes, 475 business and 21 public buildings were damaged by flooding n Cuyahoga County on June 22nd and 23rd. This amount of damage was unprecedented in the county.

Lucas County

Berkey

21	1755EST				0	0	2K		Thunderstorm Wind (G50)
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Several large tree limbs were reported down.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
OHIO, North									
Lucas County									
Berkey	21	1811EST			0	0	15K		Hail (1.75)
									Golfball size hail was observed.
Ottawa County									
Countywide	21	1845EST 1855EST			0	0	80K		Thunderstorm Wind (G50)
									Severe thunderstorms moved across Ottawa County during the evening hours of June 21st. A camper with two people inside was overturned in Port Clinton. No significant injuries were reported. Numerous trees and large limbs were reported down across the county. A mobile home was crushed by a fallen tree and a car was also destroyed by a tree. In Benton Township, several buildings lost portions of their roofs.
Wood County									
Perrysburg	21	1854EST			0	0	75K		Thunderstorm Wind (G50)
									Several trees were uprooted causing damage to several homes. Utility poles and wires were also reported down from the thunderstorms.
Erie County									
Sandusky	21	1930EST			0	0	1K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Wood County									
Perrysburg	21	1944EST			0	0	30K		Thunderstorm Wind (G50)
									A few trees were reported down. One tree landed on a house and caused some minor damage.
Lorain County									
Vermilion On The Lk	21	1945EST			0	0	0		Thunderstorm Wind (G50)
									Severe thunderstorm winds were estimated to be 50 knots.
Lucas County									
3 W Maumee	21	2013EST			0	0	4K		Hail (1.00)
									Quarter size hail was observed.
Cuyahoga County									
Westlake	21	2015EST			0	0	4K		Thunderstorm Wind (G50)
									One tree and a few large limbs were reported down.
Sandusky County									
Fremont	21	2015EST			0	0	3K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Lucas County									
Sylvania	21	2017EST			0	0	4K		Hail (1.00)
									Quarter size hail was observed.
Wood County									
Tontogany	21	2017EST			0	0	3K		Thunderstorm Wind (G50)
									Two large limbs were reported down.
Seneca County									
Old Ft to Green Spgs	21	2050EST 2059EST			0	0			Hail (0.75)
									Penny size hail was observed.
Wayne County									
Wooster	21	2153EST			0	0	50K		Lightning
									A house was struck by lightning causing significant damage.
Wood County									
Wood Co Arpt	21	2155EST 2200EST			0	0	2M		Thunderstorm Wind (G65)
									A severe thunderstorm with winds estimated to be at least 75 mph caused extensive damage at the Wood County Airport in Bowling Green. One hangar was completely destroyed and another was heavily damaged. The two hangars stored around eighteen airplanes, twelve of which were completely destroyed. Two flatbed trailers parked near the airport were thrown into an adjacent playground and destroyed.
Hancock County									
Findlay Arpt	21	2157EST			0	0			Thunderstorm Wind (G53)
									A 53 knot wind gust was measured by an automated wind sensor at the Findlay Airport.
Hancock County									
Findlay Arpt	21	2205EST			0	0			Thunderstorm Wind (G53)
									Another wind gust of 53 knots was measured by an automated wind sensor at Findlay airport.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, North									
Seneca County									
Bloomville	21	2210EST			0	0			Thunderstorm Wind (G61)
									A trained spotter estimated wind gusts to be around 70 mph as thunderstorms passed through the area.
Crawford County									
Tiro	21	2220EST			0	0	4K		Thunderstorm Wind (G50)
									Several trees and large limbs were reported down.
Huron County									
Greenwich	21	2225EST			0	0			Hail (0.75)
									Penny size hail was observed.
Huron County									
Plymouth	21	2230EST			0	0	4K		Thunderstorm Wind (G50)
									A few trees and large limbs were reported down throughout Plymouth.
Richland County									
Plymouth	21	2230EST			0	0			Thunderstorm Wind (G50)
									A few trees and large limbs were reported down throughout Plymouth.
Ashland County									
2 S Hayesville to Loudonville	21	2235EST 2300EST			0	0	15K		Thunderstorm Wind (G50)
									Thunderstorm winds downed a few trees and large limbs south of Hayesville. Trees and limbs were also reported down in the Loudonville area.
Richland County									
Mansfield Arpt	21	2239EST			0	0			Thunderstorm Wind (G59)
									A 68 mph wind gust was measured by an automated wind sensor at Mansfield Lahm Airport.
Ashland County									
Ashland	21	2245EST			0	0			Hail (0.88)
									Nickel size hail was observed.
Holmes County									
4 NW Nashville	21	2300EST 2310EST			0	0	50K		Thunderstorm Wind (G50)
									Thunderstorm winds downed several trees and large limbs in extreme northwestern Holmes County. Two buildings were leveled three miles east of Loudonville along State Route 3.
Wayne County									
Wooster	21	2300EST			0	0	10K		Thunderstorm Wind (G50)
									Numerous trees and large limbs were reported down.
Holmes County									
Fryburg to Winesburg	21	2315EST 2320EST			0	0	425K		Thunderstorm Wind (G50)
									A line of severe thunderstorms moved across northeastern Holmes County during the early morning hours of June 22nd. Several hundred trees and many utility poles were toppled in Berlin, Paint and Salt Creek Townships. Three buildings at a factory on Township Road 654 west of Winesburg were heavily damaged. A home inside of Winesburg was damaged and a barn and garage were flattened near Fryburg. Several homes and buildings in the Berlin area also sustained some damage.
Sandusky County									
Clyde	21	2346EST			0	0	2K		Thunderstorm Wind (G50)
									A few trees were reported down.
Ashland County									
Sullivan	22	0050EST			0	0	1K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Marion County									
La Rue	22	0145EST			0	0			Hail (0.75)
									Penny size hail was observed.
Sandusky County									
Clyde	22	0200EST			0	0	2K		Thunderstorm Wind (G50)
									A few trees were reported down.
Seneca County									
Fostoria	22	0242EST			0	0	6K		Thunderstorm Wind (G50)
									Several trees and utility poles were reported down.
Ashland County									
3 E Ashland	22	1240EST			0	0			Hail (0.75)
									Penny size hail was observed.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
OHIO, North									
Stark County									
Waynesburg	22	1330EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Wayne County									
Wooster	22	1336EST 1338EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Seneca County									
Bascom to Tiffin	22	1358EST 1406EST			0	0	8K		Hail (1.00)
			Hail ranging from quarter to penny size was observed for several minutes.						
Medina County									
Medina	22	1400EST			0	0	1K		Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Seneca County									
Tiffin	22	1405EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Wood County									
Pemberville	22	1408EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Stark County									
Massillon	22	1409EST			0	0			Hail (1.00)
			Quarter size hail was observed.						
Portage County									
Ravenna	22	1410EST			0	0	3K		Thunderstorm Wind (G50)
			Several tree limbs were reported down.						
Cuyahoga County									
Broadview Hgts	22	1417EST 1420EST			0	0	3K		Thunderstorm Wind (G50)
			A tree and a few large limbs were reported down.						
Sandusky County									
Helena	22	1425EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Erie County									
Sandusky	22	1428EST			0	0			Hail (0.88)
			Nickel size hail was observed.						
Stark County									
Lake Cable	22	1429EST			0	0			Hail (0.75)
			Penny size hail was observed in Jackson Township.						
Erie County									
Sandusky	22	1430EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Mahoning County									
Boardman	22	1432EST			0	0	3K		Hail (0.88)
			Nickel size hail was observed. Also, several large trees were reported down.						
Crawford County									
Bucyrus to Galion	22	1439EST 1444EST			0	0	125K		Thunderstorm Wind (G62)
			Severe thunderstorms moved across Crawford County during the afternoon hours of June 22nd. A 71 mph wind gust was measured at the Bucyrus Airport as the storms moved through. Numerous trees from Bucyrus to Galion were taken down, along with utility poles and wires. Four homes were damaged when trees fell on them and several mobile homes were blown off their foundations causing major damage. Also near Bucyrus, a barn was knocked down, a gas pump was blown over, and several cars at a dealership were damaged by flying debris. In Galion, several buildings sustained minor damage.						
Stark County									
Waynesburg	22	1440EST			0	0			Hail (0.88)
			Nickel size hail was observed.						
Geauga County									
1 W Welshfield	22	1442EST			0	0	4K		Hail (1.00)
			Quarter size hail was observed.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, North									
Marion County									
Green Camp	22	1444EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Hancock County									
Arlington	22	1445EST			0	0	6K		Thunderstorm Wind (G50)
			Several trees and numerous large limbs were reported down.						
Stark County									
Waynesburg	22	1448EST			0	0	4K		Hail (1.00)
			Quarter size hail was observed.						
Wyandot County									
Upper Sandusky	22	1450EST 1455EST			0	0	100K		Thunderstorm Wind (G61)
			Severe thunderstorms moved across Wyandot County during the afternoon hours of June 22nd and produced wind gusts estimated to be around 70 mph. Many trees and large limbs were downed across the county. Utility poles and lines were also reported down at several locations. Many reports came from the Upper Sandusky area where several buildings sustained roof and siding damage. Three semi trucks were blown over on U.S. 23 in Upper Sandusky.						
Mahoning County									
Boardman	22	1454EST			0	0	2K		Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Mahoning County									
Poland	22	1500EST			0	0			Hail (0.88)
			Nickel size hail was observed.						
Mahoning County									
Austintown	22	1505EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Seneca County									
Tiffin	22	1505EST			0	0			Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Lorain County									
Grafton	22	1506EST			0	0			Hail (0.75)
			Penny size hail was observed.						
Marion County									
Central Portion	22	1510EST 1515EST			0	0			Thunderstorm Wind (G61)
			Numerous trees were reported down across central portions of the county, including the city of Marion. In the city of Marion, several homes were damaged by fallen trees. One home sustained severe wind damage as the storms moved through, and a barn was destroyed. Winds during this event were estimated at around 70 mph.						
Crawford County									
Bucyrus	22	1515EST			0	0	30K		Thunderstorm Wind (G50)
			A barn suffered extensive damage after the roof was blown off. Numerous trees were also reported down.						
Summit County									
Richfield	22	1525EST			0	0	4K		Thunderstorm Wind (G50)
			A few trees were reported down.						
Morrow County									
Shauck	22	1535EST			0	0	10K		Thunderstorm Wind (G50)
			Numerous large trees and limbs were reported down.						
Portage County									
Mantua to Hiram	22	1538EST 1540EST			0	0	6K		Thunderstorm Wind (G50)
			Several trees were reported down.						
Richland County									
Mansfield Arpt	22	1540EST			0	0	8K		Thunderstorm Wind (G53)
			A wind gust of 61 mph was measured at the Mansfield Lahm Airport. Several trees were downed in Mansfield.						
Cuyahoga County									
Brecksville	22	1545EST			0	0			Hail (0.75)
			Penny size hail was observed.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, North									
Knox County									
Central Portion	22	1545EST 1555EST			0	0	175K		Thunderstorm Wind (G50)
			Severe thunderstorms moved across Knox County during the afternoon hours of June 22nd. Damage was reported from Fredericktown to Mt. Vernon. Dozens of trees came down in Fredericktown and several homes suffered major damage from fallen trees. There was also a report of a barn heavily damaged during the storm. In Mt Vernon, numerous trees were reported down and one house was damaged by a downed tree. A car was crushed by another fallen tree. Utility poles and lines were downed at several locations in the county with approximately twenty thousand customers affected by outages. Downed trees and power lines also forced several county and town roads in and around Mt Vernon to be closed.						
Medina County									
Medina	22	1548EST			0	0	6K		Hail (1.00)
			Quarter size hail was observed.						
Richland County									
Mansfield	22	1550EST 1600EST			0	0	35K		Thunderstorm Wind (G50)
			Numerous trees were reported down, and a barn was destroyed.						
Lorain County									
Wellington	22	1555EST			0	0	1K		Thunderstorm Wind (G50)
			A few large limbs were reported down.						
Summit County									
Fairlawn	22	1556EST			0	0	10K		Hail (1.75)
			Golf ball size hail was observed.						
Ashland County									
Countywide	22	1600EST 1610EST			0	0	450K		Thunderstorm Wind (G70)
			During the late afternoon hours of June 22nd, severe thunderstorms moved across Ashland County and caused extensive damage. The worst damage resulted from straight line winds caused by a downburst that started east of Charles Mills Lake and continued through the Mifflin area to near Hayesville. Winds were estimated to be greater than 80 mph. Up to a thousand trees were downed along this path. Near Mifflin, a 120 foot tall radio tower was knocked down. Several homes in Mifflin lost sections of roof and three garages were also destroyed. One of the homes was damaged enough to be declared uninhabitable. In Hayesville, over half the the trees in the town were blown down and many homes were damaged. Numerous roads had to be closed because of downed trees, limbs and power lines. Across the remainder of the county, trees and power lines were reported down from as far north as Polk to Loudonville in the southeast corner of the county. At least two homes were damaged by fallen trees in Loudonville. Thousands of people lost power during this event.						
Trumbull County									
Kinsman	22	1600EST			0	0	4K		Thunderstorm Wind (G50)
			Several trees were reported down.						
Portage County									
Ravenna	22	1610EST			0	0	15K		Thunderstorm Wind (G50)
			Several power poles and wires were reported down. One person was trapped inside of a car after a power line fell on it. No injuries were reported.						
Summit County									
Akron	22	1610EST			0	0	2K		Thunderstorm Wind (G50)
			A tree and large limb was reported down.						
Wayne County									
Countywide	22	1620EST 1630EST			0	0	950K		Thunderstorm Wind (G55)
			Hundreds of trees, large limbs, utility poles and power lines were reported down across the county as severe thunderstorms moved across Wayne County during the late afternoon hours of the 22nd. Damage in the City of Wooster was especially bad with many homes damaged by fallen trees. At least 20,000 homes lost power as a result of the storms. It took several days for power to be restored to all areas. Many roads in Wooster and elsewhere in the county had to be closed because of the fallen trees and power lines. A country club in Wooster spent nearly \$100,000 cleaning up 189 downed trees on it's property. Near Dalton, a home, barn and silo were damaged by thunderstorm winds. Tree damage in Wooster was as extensive as that seen after a tornado hit the city on November 12th, 2003.						

Storm Data and Unusual Weather Phenomena

June 2006

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

Holmes County

**Mt Hope to
Winesburg**

22	1630EST 1640EST	6	100	0	0	750K		Tornado (F2)
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During the late afternoon hours of June 22nd, a severe thunderstorm moved across eastern Holmes County and produced a tornado. This tornado touched down at 5:30 pm just west of Mt Hope and tracked east through Winesburg and then exited the county. The tornado had a damage path in Holmes County roughly six miles in length and 50 to 100 yards in width. The majority of the damage was classified as F1, but there were several areas of F2 damage evident. Along the path, numerous structures were damaged and hundreds of trees toppled or snapped. A barn was heavily damaged near where the tornado first touched down. Two houses nearby sustained siding and roof damage. A home on State Route 241 just outside of Mt. Hope was destroyed and several buildings at a factory in Mt. Hope sustained major damage. Metal roofs were torn off of these factory buildings with debris found as far as a mile away. Wooden beams from the buildings were thrown and pierced metal garage doors. Empty box trailers were overturned and one box trailer was even torn from its frame. The tornado continued east from Mt Hope and damaged several more homes on it's way to Winesburg. One house had it's second floor torn off. A second factory near Winesburg lost large sections of roof. In Winesburg, a few homes sustained roof damage. The tornado continued into Tuscarawas County and caused damage there. Later, the same parent thunderstorm produced another tornado west of Waynesburg in southeastern Stark County.

Stark County Countywide

22	1640EST 1710EST			1	1	1.2M		Thunderstorm Wind (G60)
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A line of severe thunderstorms moved east across Stark County during the early evening hours of June 22nd and caused extensive damage. In addition to straight winds estimated to be nearly 70 mph, this line of storms produced two tornadoes in Stark County. The tornadoes and straight line winds combined to destroy or heavily damage around 50 homes. Another 125 homes sustained minor damage. A 17 year boy was killed around 5:40 p.m. in Sugar Creek Township after the tent he was in was struck by a falling tree. A second boy inside the tent was injured. This incident occurred at a hunting club on Lawndell Road SW. Every township and municipality in the county reported damage during this event. As many as 2,000 trees and limbs were downed in the county. In addition to the damage done to homes and businesses, dozens of cars were also damaged by fallen trees. Pike, Sandy, Sugar Creek and Bethlehem Townships were especially hard hit. Local officials stated that nearly every road in Pike Township was blocked by fallen trees or limbs after this line moved through. M17UT

Stark County 1 W Brewster to Navarre

22	1645EST 1655EST	4	75	0	0	1.5M		Tornado (F1)
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A F1 tornado touched down just west of Brewster at 5:45 p.m. on June 22nd. This tornado tracked to the east northeast and finally lifted near Navarre. This tornado had a damage path roughly four miles in length and 50 to 75 yards in width. Extensive damage was done in Brewster, especially on the west side of the town. Five houses, two garages and one car were destroyed on West 4th Street with other homes elsewhere in Brewster sustaining lesser damages. Twelve mobile homes were also destroyed or damaged enough to be declared uninhabitable in Brewster. A local utility company had roughly \$300,000 in damage and repair costs. The tornado continued to Navarre and finally lifted after damaging a few more homes and buildings. It was estimated that over a thousand trees were downed along the damage path with 400 reported down in Brewster and another 300 down in Navarre. Some of this damage may have been caused by straight line winds associated with the parent thunderstorm. Most of the structural damage along the path was caused by toppled trees. The City of Brewster alone spent \$450,000 for clean up costs and repairs to city property.

Trumbull County Cortland to Fowler

22	1645EST 1650EST			0	0	30K		Thunderstorm Wind (G50)
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Thunderstorm winds downed several trees and large limbs. A park pavilion in Cortland was also blown down during the storms.

Mahoning County Canfield

22	1655EST			0	0	1K		Thunderstorm Wind (G50)
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A few large limbs were reported down.

Stark County 2 E East Sparta to Waynesburg

22	1658EST 1705EST	3.5	50	0	0	500K		Tornado (F1)
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The same parent thunderstorm that produced a tornado in northeastern Holmes County spawned a second tornado in southeastern Stark County. A F1 tornado touched down east of East Sparta around 5:58 pm. This tornado moved east into Waynesburg where it followed Lisbon Street through the center of town and then lifted. The tornado had a damage path roughly three and a half miles long and no more than 50 yards in width. Hundreds of trees were downed along the damage path. Many of these trees were in Waynesburg where the top floor of a three story building in the downtown area was tore off. A second building on Mill Street also sustained significant damage. Other buildings on the east side of the city also sustained some damage. Twenty two utility poles were snapped in the Waynesburg area as well. Straight line winds associated with the parent thunderstorms may have contributed to this damage.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Ashland County 3 S Mc Zena	22	1615EST			0	0	25K		Thunderstorm Wind (G61)
									Straight line winds from a thunderstorm downburst caused considerable damage at a campground south of McZena along the Ashland/Holmes county line. Around sixty trees and thirty one power poles were reported down at the campground. A pontoon boat was also flipped over. Winds from this downburst were estimated to be nearly 70 mph.
Holmes County Lakeville to Holmesville	22	1615EST 1627EST			0	0	200K		Thunderstorm Wind (G61)
									Straight line winds from a thunderstorm downburst caused considerable damage at a campground along the Ashland/Holmes county line west of Lakeville. Around sixty trees and thirty one power poles were reported down at the campground. A pontoon boat was also flipped over. The downburst continued east from the campground and moved through the Lakeville area where it downed dozens of trees and damaged several buildings. The damage path continued east to Holmesville where four apartment buildings and a business lost large sections of roof. Several hundred trees were downed in northern Holmes County from this downburst which produced winds estimated to be nearly 70 mph. Widespread power outages were reported.
Mahoning County North Jackson	28	1345EST			0	0			Hail (0.75)
									Penny size hail was observed.
Trumbull County Masury	28	1412EST			0	0			Hail (0.75)
									Penny size hail was observed.
Wood County Bowling Green	28	1620EST			0	0	4K		Thunderstorm Wind (G50)
									Several large limbs were reported down.
Cuyahoga County Mayfield Hgts	28	1732EST			0	0			Hail (0.75)
									Penny size hail was observed.
Lorain County Avon Lake	28	1815EST			0	1	8K		Thunderstorm Wind (G50)
									A few trees and utility wires were reported down. In Avon Lake, a large tree limb fell on a bicyclist. The bicyclist sustained minor injuries and was transported to the hospital.
Geauga County Thompson	28	1825EST			0	0			Hail (1.00)
									Quarter size hail was observed.
Cuyahoga County Bay Vlg	28	1830EST			0	0	4K		Thunderstorm Wind (G50)
									Two trees were reported down.
Ashtabula County Rock Creek	28	1840EST			0	0	10K		Hail (1.50)
									Walnut size hail was observed.
Cuyahoga County Cleveland Hgts	28	1850EST			0	0	6K		Thunderstorm Wind (G50)
									Several large limbs were reported down.
Wayne County New Pittsburg	28	1851EST			0	0			Hail (0.75)
									Penny size hail was observed.
Holmes County 3 NE Loudonville	28	1855EST 1900EST			0	0			Hail (0.75)
									Penny size hail was observed, and accumulated enough to cover the ground before ending.
Cuyahoga County Gates Mills	28	1912EST			0	0			Hail (0.75)
									Penny size hail was observed.
Lake County Mentor	28	1925EST 1930EST			0	0			Hail (1.00)
									Quarter size hail was observed, and lasted for several minutes accumulating enough to cover the ground.
Lake County Painesville	28	1939EST			0	0			Hail (0.75)
									Penny size hail was observed.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Geauga County									
Montville	28	2005EST 2008EST			0	0			Hail (0.75)
Penny size hail was observed. It lasted for several minutes, accumulating enough to cover the ground.									
Ashtabula County									
8 W Andover	28	2045EST			0	0			Hail (0.75)
Penny size hail was observed.									
<u>OHIO, Northwest</u>									
Williams County									
Edon	19	1610EST 1611EST			0	0			Thunderstorm Wind (G51)
Williams County									
2 E Montpelier	19	1613EST 1614EST			0	0			Hail (0.88)
Defiance County									
Ney	19	1650EST 1651EST			0	0			Hail (0.75)
Defiance County									
3 NE Ney	19	1659EST 1700EST			0	0			Hail (1.00)
Paulding County									
Antwerp	19	1719EST 1720EST			0	0			Hail (0.75)
Defiance County									
Ney	19	1720EST 1721EST			0	0			Hail (0.75)
Paulding County									
Paulding	19	1743EST 1744EST			0	0			Hail (0.75)
Putnam County									
Glandorf	19	1815EST 1816EST			0	0			Hail (0.88)
Paulding County									
2 S Paulding	19	1823EST 1824EST			0	0			Hail (1.75)
Paulding County									
1 SE Paulding	19	1835EST 1836EST			0	0			Thunderstorm Wind (G55)
3 to 4 foot diameter tree blown down.									
Paulding County									
Grover Hill	19	1855EST 1856EST			0	0			Hail (1.00)
Allen County									
Harrod	21	0745EST 0746EST			0	0	80K		Lightning
A residence was struck by lightning, cause a fire which spread through much of the house, causing extensive damage to the house and an attached garage. Those in the home were able to escape without injury. Damage is estimated at around \$80,000.									
Allen County									
Cairo	21	0800EST 0801EST			0	0	40K		Lightning
A empty barn was struck by lightning, resulting in a fire which destroyed the barn. An adjacent house suffered heat damage to the siding but the house, which was vacant, never caught fire. Damage for both is estimated at around \$40,000.									
Williams County									
Bryan	21	1940EST 1941EST			0	0			Hail (1.00)
Williams County									
Countywide	21	2123EST 2124EST			0	0	20K		Thunderstorm Wind (G60)
Trees, tree limbs and power lines were reported down across the county.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Northwest									
Defiance County									
1 N Defiance	21	2136EST 2137EST			0	0			Hail (1.75)
Henry County									
2 N Hamler	21	2205EST 2206EST			0	0	2K		Thunderstorm Wind (G60)
									Several large trees were blown down. A barn door was also blown in.
Putnam County									
Glandorf to Gilboa	21	2225EST 2245EST			0	0			Hail (1.00)
									Numerous reports of hail ranging from penny to quarter size were received along State Route 694 from Glandorf, into Ottawa and east to Gliboa.
Paulding County									
Antwerp	22	1329EST 1331EST			0	0			Hail (0.75)
Van Wert County									
2 E Willshire	22	1338EST 1339EST	0.1	25	0	0	20K		Tornado (F0)
									Very brief touchdown near the intersection of Harrison Willshire Rd. and state route 81. Several storage sheds, silos, grain elevators, and trees sustained damage.
Van Wert County									
Willshire	22	1340EST 1345EST			0	0	100K		Thunderstorm Wind (G70)
									Widespread trees and power lines down. All roads closed in town due to being blocked by downed trees and power lines. Numerous homes and barns sustained structural damage, both from wind, and from falling trees. A grain elevator sustained significant damage, and the village's communication system was destroyed.
Van Wert County									
5 E Willshire	22	1343EST 1344EST	0.1	25	0	0	15K		Tornado (F1)
									Brief touchdown near the intersection of state route 81 and Glenmore Rd. A garage sustained significant structural damage. Total path length was about 100 yards.
Van Wert County									
Van Wert	22	1345EST 1350EST			0	0	25K		Thunderstorm Wind (G60)
									Barn blown over. Several trees and power lines down.
Van Wert County									
5 S Convoy	22	1350EST 1355EST			0	0			Thunderstorm Wind (G70)
Van Wert County									
2 NE Venedocia	22	1358EST 1359EST	0.1	25	0	0	10K		Tornado (F0)
									Very brief touchdown near the intersection of Converse Rd. and Landeck Rd. A well built shed was destroyed in this area.
Allen County									
Delphos	22	1405EST 1408EST			0	0	10K		Thunderstorm Wind (G60)
									Numerous trees and power lines down.
Allen County									
Spencerville	22	1405EST 1408EST			0	0	10K		Thunderstorm Wind (G60)
									Barn moved about 2 feet off the foundation. Several trees and power lines blown down.
Putnam County									
Kalida	22	1405EST 1407EST			0	0			Thunderstorm Wind (G50)
									Several large trees down.
Allen County									
1 E Lima to Lima	22	1415EST 1416EST			0	0			Thunderstorm Wind (G70)
									Three tractor trailers were blown over on Interstate 75.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Allen County									
Lima	22	1415EST 1420EST			0	2	200K		Thunderstorm Wind (G70)
Widespread tree and power line damage throughout the city of Lima. Along a stretch of Shawnee Rd. from Fort Amanda Rd. to Reed Rd., every power pole and traffic signal was blown over, completely blocking the road. The roof of an automotive shop at Jackson St. and Findlay Rd. collapsed. Numerous homes and businesses sustained roof damage. About two thirds of Allen County was without power. One person was injured by a falling tree, and one person was knocked over by the wind and sustained minor injuries. There were also up to 15 indirect injuries from automobile accidents during the storm.									
Allen County									
Lima	22	1415EST 1420EST			0	0	50K		Thunderstorm Wind (G70)
Roof collapsed at the Motel 6 on Harding Highway. The south end of the building sustained considerable damage.									
Allen County									
3 E Lima to 1 E Lima	22	1415EST 1420EST			0	0	1.6M		Thunderstorm Wind (G70)
Three aircraft hangars destroyed. About 17 airplanes and the Allen County Sheriff's Office helicopter were significantly damaged or destroyed.									
Allen County									
3 E Beaverdam	22	1418EST 1419EST	0.1	50	0	0	20K	5K	Tornado (F1)
Brief touchdown near the intersection of U.S. route 30 and Pevee Rd. The roof of one home was destroyed, with another home sustaining significant roof damage. The tornado also resulted in crop damage in the area.									
Putnam County									
Pandora	22	1420EST 1422EST			0	0	10K		Thunderstorm Wind (G50)
Several trees and power lines blown down.									
Allen County									
Lima	22	1422EST 1427EST			0	0	20K		Thunderstorm Wind (G70)
Roof damage to a shopping center. Widespread trees and power lines down.									
Allen County									
Bluffton	22	1425EST 1428EST			0	0	60K		Thunderstorm Wind (G52)
Barn destroyed on Sugar Creek Road. Thirty seven head of cattle were trapped in the barn, eight of which died.									
Williams County									
1 SW Bryan	27	1417EST 1418EST			0	0			Hail (0.88)
Fulton County									
Lyons	27	1515EST 1518EST			0	0			Thunderstorm Wind (G60)
Tree Down									
<u>OHIO, Southeast</u>									
Washington County									
Marietta	04	1242EST			0	0			Hail (0.75)
Washington County									
Lowell	04	1249EST			0	0			Hail (1.00)
Meigs County									
Pomeroy	04	1336EST			0	0			Hail (0.75)
Meigs County									
Racine	04	1345EST			0	0			Hail (0.75)
Vinton County									
Ratcliffburg	22	1150EST			0	0			Hail (1.00)
Morgan County									
Pennsville	22	1310EST			0	0			Hail (1.75)
Washington County									
Reno	22	1400EST			0	0			Thunderstorm Wind (G50)
Trees came down along Route 7.									
Athens County									
Coolville	22	1415EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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, Southeast</u>							
Perry County Crooksville	22	1627EST			0 0		Hail (0.75)
Morgan County Deavertown	22	1645EST			0 0		Hail (1.00)
Morgan County Malta	22	1705EST			0 0		Thunderstorm Wind (G50)
Vinton County Mc Arthur	22	1745EST			0 0		Thunderstorm Wind (G50)
Meigs County 9 N Portland	22	1900EST			0 0		Hail (0.75)
Lawrence County South Pt	22	2040EST			0 0		Thunderstorm Wind (G50)
Vinton County Zaleski	28	1730EST			0 0		Thunderstorm Wind (G50) Trees and large branches were blown down.
<u>OHIO, Southwest</u>							
Darke County Arcanum to Pittsburg	01	1615EST 2000EST			0 0	25K	Flash Flood Seven homes were flooded, with two sustaining major damage. Four house trailers were also flooded. A log and corn fodder jam occurred as a result of the heavy rain, causing high water to flow over Bridge Oaks Road.
Franklin County Grove City to Groveport	01	1700EST 2100EST			0 0	10K	Flash Flood Numerous roads were flooded and closed across the southern part of Franklin County. Two boys were swept into Big Run Creek near Grove City. They were later rescued.
Licking County Pataskala	01	1750EST 2100EST			0 0		Flash Flood Roads were flooded and closed in and around town.
Fayette County Jeffersonville	01	1759EST 1803EST			0 0	3K	Thunderstorm Wind (G50) Trees were downed.
Miami County West Milton to Tipp City	01	1800EST 2000EST			0 0		Flash Flood Several roads were flooded across Monroe Township.
Madison County 6 SE London	01	1910EST 1914EST			0 0	2K	Thunderstorm Wind (G50) Two trees were knocked down.
Logan County Bellefontaine	01	1954EST 2130EST			0 0		Flash Flood A few roads were flooded.
Darke County 2 NW Bradford	02	0545EST 1130EST			0 0		Flood Water was up to 18 inches deep across the intersection of Horatio-Harris Cree and Zerber Roads.
Auglaize County St Marys	02	0640EST 1130EST			0 0		Flood Several roads were flooded and closed.
Mercer County Montezuma	02	0640EST 1130EST			0 0		Flood A few roads were flooded. Three automobiles were washed off roads.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Southwest									
Shelby County									
Russia	02	0640EST 1130EST			0	0			Flood
Roads were flooded. Several homes had water in their basements.									
Logan County									
Russells Pt to Huntsville	02	0655EST 1130EST			0	0			Flood
Several roads were flooded, including State Route 274 near Russells Point. A small tributary of the Great Miami River overflowed into a greenhouse and a building carrying oil supplies along State Route 117.									
Champaign County									
Mechanicsburg	02	0730EST 1130EST			0	0			Flood
A few roads were flooded.									
Montgomery County									
Centerville	02	0730EST 1130EST			0	0			Flood
Roads were flooded throughout Washington Township.									
Fayette County									
3 NW Bloomingburg	02	1031EST 1130EST			0	0			Flood
The intersection of State Routes 38 and 734 was flooded.									
Auglaize County									
Wapakoneta	07	1554EST 1558EST			0	0			Hail (0.75)
Darke County									
Union City	07	1600EST 1604EST			0	0	4K		Thunderstorm Wind (G50)
Trees and numerous large limbs were knocked down.									
Auglaize County									
4 SE Wapakoneta	07	1605EST 1609EST			0	0	3K		Thunderstorm Wind (G50)
Trees and power poles were knocked down.									
Miami County									
Piqua	07	1650EST 1654EST			0	0			Hail (0.75)
Shelby County									
5 SE Sidney	07	1700EST 1800EST			0	0			Flood
A few roads were flooded.									
Butler County									
Oxford	07	1718EST 1721EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were downed.									
Champaign County									
St Paris	07	1730EST 1734EST			0	0	3K		Thunderstorm Wind (G50)
One tree was knocked down. A large tree limb fell onto an automobile, causing minor damage.									
Hamilton County									
Lockland	19	1540EST 1543EST			0	0	3K		Thunderstorm Wind (G50)
Trees were knocked down.									
Butler County									
Middletown	19	1554EST 1558EST			0	0	3K		Thunderstorm Wind (G50)
A few large tree limbs were knocked down.									
Warren County									
Lebanon to Butlerville	19	1605EST 1615EST			0	0	3K		Thunderstorm Wind (G50)
Two trees were downed, including one across the Lebanon Bike Trail. A power pole was also blown over near Butlerville.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Southwest</u>									
Preble County New Paris to West Alexandria	21	0518EST 0530EST			0	0	8K		Thunderstorm Wind (G50)
	Trees were downed across the northern and central portions of the county.								
Warren County 5 N Lebanon	21	0618EST 0622EST			0	0	4K		Thunderstorm Wind (G50)
	A few trees were knocked down in Clearcreek Township.								
Auglaize County 2 W Waynesfield	21	1614EST 1618EST			0	0			Hail (1.00)
Hocking County Logan	22	1300EST			0	10			Lightning
	Ten people were injured, one seriously, from a lightning bolt that struck the outdoor pavillion they were standing under. All ten people survived.								
Mercer County Chattanooga to Rockford	22	1345EST 1353EST			0	0	15K		Thunderstorm Wind (G55)
	Two machine sheds were heavily damaged, and several barns sustained roof damage. A few large trees were also downed.								
Franklin County Gahanna	22	1355EST 1359EST			0	0	3K		Thunderstorm Wind (G50)
	Large tree limbs were downed.								
Mercer County 3 E Rockford	22	1400EST 1403EST	0.2	30	0	0	20K		Tornado (F0)
	A small tornado briefly touched down near the intersection of US Route 127 and Shelley Road. A barn was destroyed and a few trees were knocked down.								
Darke County Union City	22	1403EST 1407EST			0	0			Hail (1.00)
Fairfield County Pickerington	22	1405EST 1409EST			0	0	3K		Thunderstorm Wind (G50)
	A few trees were knocked down.								
Darke County 3 W Bradford	22	1413EST 1416EST			0	0			Thunderstorm Wind (G52)
	A trained spotter estimated a 60 mph wind gust.								
Miami County Piqua	22	1413EST 1416EST			0	0			Hail (0.75)
	A gust of 60 mph was estimated with the hail as well.								
Auglaize County St Marys to Wapakoneta	22	1415EST 1430EST			0	0	15K		Thunderstorm Wind (G55)
	Several houses sustained roof damage. Trees and power poles were downed in scattered locations from St Marys to Wapakoneta. A few semi trailers were blown over on Interstate 75 near Wapakoneta. This was caused by a possible downburst.								
Auglaize County Wapakoneta	22	1430EST 1433EST	0.1	20	0	0	10K		Tornado (F0)
	A weak tornado touched down near the intersection of US Route 33 and Interstate 75. Several homes sustained roof damage from the tornado.								
Shelby County Sidney to Port Jefferson	22	1430EST 1438EST			0	0	15K		Thunderstorm Wind (G50)
	Numerous trees and large limbs were downed across the northern half of the county. One tree fell on a vehicle and another on a house in Sidney, causing minor damage to both.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Southwest</u>									
Hardin County									
Ada to Dunkirk	22	1434EST 1444EST			0	0	10K		Thunderstorm Wind (G50)
Two homes near the intersection of US Route 68 and State Route 81 sustained damage. One of the houses had its chimney blown off. The second house had roof tiles blown off of its garage. Several large tree limbs were downed.									
Logan County									
Bellefontaine	22	1443EST 1445EST			0	0			Thunderstorm Wind (G52)
A trained spotter estimated a 60 mph wind gust.									
Champaign County									
Countywide	22	1447EST 1457EST			0	0	7K		Thunderstorm Wind (G50)
Trees were downed.									
Union County									
Raymond to Richwood	22	1455EST 1503EST			0	0	4K		Hail (1.00)
Trees were also knocked down across the northern part of the county.									
Delaware County									
2 S Delaware	22	1530EST 1534EST			0	0	8K		Thunderstorm Wind (G50)
Several tents were blown down at the Delaware County Fairgrounds. Trees were also downed.									
Preble County									
3 N Camden	22	1531EST 1534EST			0	0	10K		Thunderstorm Wind (G50)
One home had its roof peeled off by the thunderstorm winds.									
Franklin County									
2 W Westerville	22	1534EST 1538EST			0	0	3K		Thunderstorm Wind (G52)
Trees were knocked down a mile or two south of the Polaris area.									
Licking County									
Newark	22	1540EST 1544EST			0	0	3K		Thunderstorm Wind (G50)
Several trees and large limbs were downed.									
Preble County									
West Alexandria	22	1550EST 1554EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Butler County									
Countywide	22	1600EST 1615EST			0	0	8K		Thunderstorm Wind (G50)
Numerous trees were downed.									
Warren County									
Waynesville	22	1619EST 1623EST			0	0	3K		Thunderstorm Wind (G50)
Trees were downed.									
Greene County									
3 S Bellbrook	22	1622EST 1626EST			0	0	3K		Thunderstorm Wind (G50)
Large tree limbs were knocked down in Sugarcreek Township.									
Montgomery County									
Miamisburg	22	1623EST 1627EST			0	0	5K		Thunderstorm Wind (G50)
Trees and large limbs four to six inches in diameter were knocked down in Miami Township.									
Clermont County									
5 W Goshen	22	1634EST 1638EST			0	0	3K		Thunderstorm Wind (G50)
Several trees were downed in Miami Township.									
Highland County									
Leesburg	22	1708EST 1713EST			0	0	15K		Hail (2.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, Southwest</u>							
Darke County							
Union City	28	1720EST 1724EST			0 0	3K	Thunderstorm Wind (G50)
							A few power poles were knocked down.
Mercer County							
Maria Stein	28	1730EST 1733EST			0 0	3K	Thunderstorm Wind (G50)
							Power poles were downed.
Auglaize County							
Countywide	28	1800EST 1815EST			0 0	8K	Thunderstorm Wind (G50)
							Trees were downed.
Warren County							
Morrow	28	1800EST			0 1		Lightning
							A 16 year old boy was injured by a lightning strike.
Shelby County							
Anna	28	1810EST 1814EST			0 0	3K	Thunderstorm Wind (G50)
							A few trees were knocked down. Penny size hail also occurred.
Miami County							
Countywide	28	1815EST 1830EST			0 0	8K	Thunderstorm Wind (G50)
							Trees were knocked down.
Franklin County							
Gahanna to Whitehall	28	1955EST 2000EST			0 0	5K	Thunderstorm Wind (G50)
							Several trees and large limbs were knocked down.
<u>OKLAHOMA, Eastern</u>							
Tulsa County							
Tulsa	06	0435CST			0 0	25K	Hail (1.75)
							Golfball size hail fell at the Channel 6 studio in downtown Tulsa.
Tulsa County							
3 E Tulsa to 4.2 ESE Tulsa	06	0437CST 0445CST			0 4	2.5M	Thunderstorm Wind (G74)
							A microburst occurred near the fairgrounds. There was extensive damage north to south from 11th Street to 21st Street and from east to west from Yale to the Broken Arrow Expressway. Wind speeds were estimated at 85 miles an hour based on the damage. 1420 homes were damaged, two of which received major damage as large trees were blown down onto them. At one time, 13,000 residents near the damaged area were without power.
							There was extensive roof damage at the fairgrounds and several rides at Bell's Amusement park were damaged. The most notable damage was the roof being peeled back at the trade center, the roof being stripped to the sheet metal at the exchange center, and the 80 year old Ferris wheel at Bell's being destroyed. Two churches near the fairgrounds received roof damage.
							There were four injuries for which people were taken to the hospital. All were considered minor.
Pushmataha County							
7 N Sobol to 5 E Sobol	06	1525CST 1539CST			0 0		Hail (1.00)
Choctaw County							
8 NNE Ft Towson	06	1543CST			0 0		Hail (1.00)
Choctaw County							
8 NNE Ft Towson	06	1543CST			0 0		Thunderstorm Wind (G61)
							Thunderstorm winds estimated at 70 miles an hour uprooted a large tree and snapped several others.
Tulsa County							
Glenpool	12	0800CST			0 0	2M	Lightning
							A fuel tank which contained 5 million gallons of gasoline was struck by lightning causing a fire. The fuel tank was part of a tank farm near Glenpool. 800,000 gallons of fuel burned with much of the rest being pumped out of the tank. The tank was originally 48 feet tall and when the fire was finally put out by covering it with a chemical foam it stood at 20 feet tall. The fire started early in the morning and was put out early that evening. Residents from five surrounding homes voluntarily evacuated. Traffic on nearby Highway 75 was rerouted for a time.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Okfuskee County 3 S Paden	17	1624CST 1654CST			0	0			Hail (1.00)
Okfuskee County 2 SE Paden to Boley	17	1628CST 1644CST			0	0			Hail (0.88)
Creek County Kiefer	17	1705CST			0	0	15K		Thunderstorm Wind (G61)
			Strong thunderstorm wind blew down trees, one of which fell on a home damaging it.						
Tulsa County Glenpool	17	1727CST			0	0			Thunderstorm Wind (G52)
			KOTV storm chasers estimated 60 mph thunderstorm wind gusts.						
Tulsa County Owasso	17	1731CST			0	0			Hail (0.75)
Tulsa County Tulsa	22	1552CST			0	0			Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew down a tree at the OSU Tulsa campus.						
<u>OKLAHOMA, Extreme Southeast</u>									
Mccurtain County 5 W Hochatown	06	1530CST			0	0			Hail (0.75)
Mccurtain County Valliant	06	1605CST			0	0			Hail (1.00)
Mccurtain County 2 E Valliant	06	1610CST			0	0			Hail (0.75)
<u>OKLAHOMA, Panhandle</u>									
Texas County Goodwell	03	2200CST			0	0	18K		Hail (0.88)
			Major crop damage reported from large quantity of hail.						
Beaver County 1 SSW Beaver	03	2320CST			0	0			Thunderstorm Wind (G52)
			Severe thunderstorms across the central and eastern Oklahoma panhandle produced hail which damaged crops and also high winds. No injuries were reported.						
Cimarron County 15 NW Boise City	16	1320CST			0	0			Thunderstorm Wind (G52)
			Four inch diameter tree limbs broken.						
Texas County 3 E Guymon	16	1650CST			0	0			Hail (0.88)
			Severe thunderstorms across the western and central Oklahoma panhandle produced high winds which broke tree limbs and hail. No injuries were reported.						
Beaver County Slapout	18	1914CST			0	0			Thunderstorm Wind (G52)
Beaver County 6 SE Slapout to 7 SE Slapout	18	1930CST 1932CST	1	100	0	0	8K		Tornado (F0)
			Official storm damage survey indicates brief tornado touchdown along East to West 0330 Road in extreme southeastern Beaver county.						
Beaver County 5 S Slapout	18	1937CST			0	0			Hail (0.88)
Beaver County 5 S Slapout	18	1937CST			0	0			Thunderstorm Wind (G52)
			Severe thunderstorms across the eastern Oklahoma panhandle produced high winds and hail along with a brief tornado in southeastern Beaver county. The tornado caused damage to power poles and snapped four to six inch diameter tree limbs. Metal roofing was entangled on a fence and wrapped around frame from outbuilding. Trees were sheared off with one tree blown over. No injuries were reported.						
Cimarron County 11 W Boise City	21	1546CST			0	0			Hail (1.50)
Cimarron County Boise City	21	1605CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Panhandle</u>									
Texas County 5 SE Tyrone	21	1724CST 1731CST	0.2	50	0	0			Tornado (F0)
									Landspout tornado based on video footage with no damage or injuries reported. Path length and path width were estimated. The tornado remained over open country.
Beaver County 2 W Turpin	21	1727CST 1735CST	0.1	50	0	0			Tornado (F0)
									Two landspout tornadoes on the ground at the same time based on pictures. The path length and path width were estimated. There were no damage or injuries reported. The tornadoes remained over open country.
Beaver County 2 W Turpin	21	1727CST 1735CST	0.1	50	0	0			Tornado (F0)
									Two landspout tornadoes on the ground at the same time based on pictures. The path length and path width were estimated. There were no damage or injuries reported. The tornadoes remained over open country.
Beaver County Turpin	21	1730CST			0	0			Hail (1.25)
Texas County 1 NE Adams to 3.5 NE Adams	21	1746CST 1756CST	2	300	0	0	700K		Tornado (F1)
									An official storm damage survey was made by the Texas County Emergency Manager. One hog barn was severely damaged and three homes sustained significant roof damage. Also...two barns and a pickup with a trailer hitched to the pickup were damaged.
Texas County 6 NE Adams	21	1750CST			0	0	58K		Thunderstorm Wind (G61)
									Thunderstorm wind damage to three homes which was reported at the intersection of Road 59 and Road M.
Beaver County Turpin	21	1811CST			0	0			Hail (1.50)
Texas County 7 E Hardesty	21	1840CST 1842CST			0	0			Hail (1.00)
Texas County 6 ENE Adams	21	1845CST			0	0	34K		Thunderstorm Wind (G61)
									Report of several power poles blown down and irrigation towers overturned. Severe thunderstorms initiated along a surface trough and frontal boundary across the Oklahoma panhandle during the late afternoon hours. The severe thunderstorms produced large hail...damaging winds...and a few landspout tornadoes. One tornado just northeast of Adams caused considerable damage but no injuries were reported.
Cimarron County Boise City	22	1825CST			0	0			Thunderstorm Wind (G52)
Texas County Goodwell	22	1930CST			0	0			Thunderstorm Wind (G56)
Texas County 2 E Goodwell	22	1930CST			0	0			Thunderstorm Wind (G59)
Texas County 2 E Goodwell	22	1935CST			0	0			Thunderstorm Wind (G62)
Texas County 2 E Goodwell	22	1940CST			0	0			Thunderstorm Wind (G61)
Texas County 5 W Guymon	22	1940CST			0	0	68K		Thunderstorm Wind (G56)
									High winds overturned a tractor-trailer.
Texas County 2 W Guymon	22	1941CST			0	0			Thunderstorm Wind (G51)
Texas County 2 W Guymon	22	1945CST			0	0			Thunderstorm Wind (G52)
Texas County 2 E Goodwell	22	1950CST			0	0			Thunderstorm Wind (G51)
Texas County 2 E Goodwell	22	2000CST			0	0			Thunderstorm Wind (G54)

Storm Data and Unusual Weather Phenomena

June 2006

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

OKLAHOMA, Panhandle

Texas County
1 W Hooker 22 2005CST 0 0 **Thunderstorm Wind (G55)**

Texas County
1 W Hooker 22 2010CST 0 0 **Thunderstorm Wind (G64)**

Texas County
Hardesty 22 2015CST 0 0 42K **Thunderstorm Wind (G56)**
High winds caused damage to homes. Also...street signs...trees and power poles were reported blown down.

Beaver County
Turpin 22 2040CST 0 0 **Thunderstorm Wind (G52)**

Beaver County
Bryans Corner 22 2055CST 0 0 **Thunderstorm Wind (G52)**

Severe thunderstorms across the Oklahoma panhandle produced damaging winds during the evening hours. No injuries were reported.

OKLAHOMA, Western, Central and Southeast

OKZ004>048-050>052 **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 - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan**
01 0000CST 0 0 151M **Drought**
30 2359CST

The drought continued to affect the region during June. The drought remained at severe to extreme (D2-D3) levels throughout the area during the month with the worst conditions occurring in western Oklahoma. The month of June was the heart of the winter wheat harvest which showed losses to the wheat crop due to the drought. The area had been declared a federal disaster area so that farmers and ranchers could receive aid through loans. Only 53% of the acres of wheat planted were actually harvested with the rest of the acreage abandoned for loss. The average amount harvested in a year is usually about 75%. The quality of the wheat crop was also down with 23 bushels per acre produced compared to a 45 year average of 28.6 bushels per acre. The amount per acre is the lowest since 1995 and 1996. With the low wheat production of crop actually harvested and the amount of acres that were abandoned, the total monetary loss of the wheat crop due to the drought was roughly estimated at \$150 million.

The winter wheat crop was not the only aspect of the agriculture community that was affected by the drought. Pastures and hay production continued to remain low which affected ranchers and farmers that raise livestock. Farm ponds also continued to dry up. With the lack of food and adequate water, many farmers and ranchers continued to sell part or all of their herds. Those businesses that rely on the harvest of crops were also adversely impacted.

The lack of rainfall continued to impact communities and outdoor recreation activities and their associated businesses. Additional towns instigated some level of water rationing in their communities. Low lake, river, and pond levels had also affected fishing, swimming, and boating activities. In some cases, the lakes had receded enough that boat docks and ramps were on dry land. The low lake levels also caused some parts of the lakes to become dangerous to boaters due to the lake bottom and the things laying on them being closer to the surface which had caused some accidents.

The ongoing dry conditions also caused an increase in fire danger over the area, with much of the vegetation beginning to cure again after becoming green for a short time in the spring. Several wildfires occurred over the area during the month of June. Firefighters were able to contain the fires causing only a few hundred acres or less to burn per fire.

Ellis County
8 WSW Arnett 04 0255CST 0 0 **Thunderstorm Wind (G52)**
Wind gust was measured by the Oklahoma mesonet.

Grant County
3 E Renfrow 10 1505CST 0 0 **Thunderstorm Wind (G52)**

Kay County
Braman 10 1555CST 0 0 15K **Thunderstorm Wind (G61)**

The roof of a local cafe was partially blown off. A two foot diameter tree was downed. Tree limbs, 4-5 inches in diameter, were also snapped.

Kay County
1 W Kildare 10 1708CST 0 0 **Thunderstorm Wind (G52)**

Roger Mills County
Dempsey 16 1832CST 0 0 **Hail (0.75)**

Roger Mills County
1 SSW Cheyenne 16 1838CST 0 0 **Hail (1.00)**

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Beckham County 8.5 NW Mayfield	16	1905CST			0	0			Hail (1.00)
Roger Mills County 4 W Sweetwater	16	1905CST			0	0			Hail (1.00)
Harmon County 5 WSW Hollis	16	1910CST			0	0			Hail (0.75)
Roger Mills County Cheyenne	16	1930CST			0	0			Thunderstorm Wind (G52)
Harmon County 3 W Gould	16	1935CST			0	0			Thunderstorm Wind (G51) Wind gust was measured by the Oklahoma mesonet.
Roger Mills County Cheyenne	16	1935CST			0	0			Hail (0.88)
Harmon County 3 W Gould	16	1940CST			0	0			Thunderstorm Wind (G56) Wind gust was measured by the Oklahoma mesonet.
Harmon County 6 E Hollis	16	1940CST			0	0	7.5K		Thunderstorm Wind (G61) Several pieces of farming equipment were blown across a field and through a fence.
Harmon County Hollis	16	1945CST			0	0			Hail (0.88)
Harmon County Hollis	16	1945CST			0	0	5K		Thunderstorm Wind (G56) A few power poles and many tree limbs were downed. A few roofs sustained minor damage.
Jackson County 1 NW Martha	16	2000CST			0	0	2.5K		Thunderstorm Wind (G56) Power lines were downed.
Roger Mills County 9 E Dempsey	16	2000CST			0	0			Hail (1.75) Hail was reported covering the ground near the intersection of Dempsey Road and Highway 283.
Roger Mills County 2 E Herring Station	16	2010CST			0	0	2.5K		Thunderstorm Wind (G56) Power lines were downed near the river.
Roger Mills County Herring Station	16	2015CST			0	0			Thunderstorm Wind (G52) Small hail was also reported.
Greer County Mangum	16	2025CST			0	0	0.50K		Thunderstorm Wind (G56) Some tree limbs were downed.
Greer County 6 SW Mangum	16	2039CST			0	0	7.5K		Thunderstorm Wind (G65) A patio cover was blown apart. Several small trees were also downed.
Kingfisher County 5 S Reeding	16	2235CST			0	0	7.5K		Thunderstorm Wind (G56) Power poles were downed.
Kiowa County Lugert	16	2255CST			0	0			Hail (0.75)
Kiowa County (Hbr)Muni Arpt	16	2341CST			0	0			Thunderstorm Wind (G50) Wind gust was measured by the KHBR ASOS near Hobart.
Canadian County 5 WNW El Reno	17	0010CST			0	0			Thunderstorm Wind (G57) Wind gust was measured by the Oklahoma mesonet.
Oklahoma County (Tik)Tinker Afb	17	0100CST			0	0			Thunderstorm Wind (G52) Wind gust was measured at Tinker Air Force Base (KTIK).

Storm Data and Unusual Weather Phenomena

June 2006

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									
Comanche County									
Lawton	17	1333CST			0	0			Hail (0.88)
			Hail was observed on the southwest side of town.						
Tillman County									
1 W Davidson	17	1339CST			0	0			Hail (0.75)
Comanche County									
Lawton	17	1346CST			0	0			Hail (0.75)
Ellis County									
Fargo	17	1349CST			0	0			Hail (0.75)
Grady County									
6 E Tabler	17	1359CST			0	0			Hail (0.88)
Comanche County									
3 S Cache	17	1400CST			0	0			Hail (1.00)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Comanche County									
1 W Lawton	17	1406CST			0	0			Hail (1.00)
Stephens County									
1 WSW Marlow	17	1410CST			0	0			Hail (0.75)
Comanche County									
Lawton	17	1412CST			0	0	0.20K		Thunderstorm Wind (G52)
			Three inch diameter tree limbs were downed.						
Comanche County									
4 NW Lawton	17	1415CST			0	0			Hail (0.88)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Grady County									
2 W Norge	17	1416CST			0	0			Hail (0.75)
Grady County									
2 W Norge	17	1417CST			0	0			Hail (1.75)
Grady County									
1 E Lavery	17	1424CST			0	0			Hail (1.25)
Comanche County									
3 SW Cache	17	1425CST			0	0			Hail (1.25)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Comanche County									
1 W Cache	17	1428CST			0	0			Hail (1.00)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Comanche County									
5 S Lawton	17	1428CST			0	0			Thunderstorm Wind (G52)
Comanche County									
Lawton	17	1432CST			0	0			Hail (0.88)
Kiowa County									
7 E Snyder	17	1505CST			0	0			Hail (1.00)
Stephens County									
Duncan	17	1513CST			0	0	0.50K		Thunderstorm Wind (G56)
			A large tree was downed blocking Highway 81.						
Garvin County									
Pernell	17	1515CST			0	0			Hail (1.25)
Grady County									
8 E Chickasha	17	1518CST			0	0			Hail (0.88)
Caddo County									
1 S Anadarko	17	1533CST			0	0			Hail (0.75)
Cleveland County									
Norman	17	1540CST			0	0			Thunderstorm Wind (G52)
			Wind gust was estimated by an off-duty NWS employee on the northwest side of town.						
Pottawatomie County									
3 SW Maud	17	1540CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Caddo County 3.8 S Anadarko	17	1555CST			0	0			Hail (0.88)
Caddo County 2 S Anadarko	17	1600CST			0	0			Hail (0.75)
Hail report gathered by NSSL Severe Hail Verification Experiment (SHAVE).									
Seminole County 3 NE Bowlegs	17	1605CST			0	0			Thunderstorm Wind (G51)
Wind gust was measured by the Oklahoma mesonet.									
Seminole County Cromwell	17	1617CST			0	0	0.50K		Thunderstorm Wind (G52)
Tree limbs, 1-2 inches in diameter, were downed.									
Garvin County 5 ENE Wynnewood	17	1620CST			0	0			Hail (0.88)
Lincoln County Prague	17	1638CST			0	0			Hail (0.75)
Kingfisher County 10 W Kingfisher	17	1800CST			0	0			Thunderstorm Wind (G52)
Garfield County 5 NNE Drummond	17	1825CST			0	0			Funnel Cloud
A brief funnel cloud developed near a cold front that was moving across the area. This funnel cloud may have briefly reached the ground as a landspout, but no damage was reported.									
OKZ020 Payne	18	1745CST			0	0			Heat
A 21-month old boy succumbed (indirect) to the heat when left in a car for an hour in Stillwater, Oklahoma. High temperatures across the area were in the mid 90s on June 18th.									
Ellis County 5 NNW Catesby to 3 NNW Catesby	18	1945CST 1955CST			0	0	2.5K		Thunderstorm Wind (G56)
Trees were reported snapped and power poles downed between EW 31 and EW33 roads.									
Ellis County 3 N Catesby	18	1950CST			0	0			Thunderstorm Wind (G52)
Ellis County 2 NW Catesby	18	1953CST			0	0			Hail (1.00)
Hail was reported covering the ground.									
Ellis County 1 E Catesby	18	1955CST			0	0			Hail (0.88)
Ellis County 12 NNW Shattuck	18	2010CST			0	0			Hail (3.00)
Hail, 2.5-3 inches in diameter, was observed west of Highway 283 on Highway 15.									
Ellis County (Gag)Shattuck Arpt G	18	2039CST			0	0			Thunderstorm Wind (G50)
Wind gust was measured by the KGAG ASOS.									
Woodward County Woodward Arpt	18	2050CST			0	0			Thunderstorm Wind (G52)
Wind gust was measured by the KWWR AWOS near Woodward.									
OKZ025 Oklahoma	19	0600CST			1	0			Heat
An elderly woman was found dead sitting in a patio chair on her back porch at her home in Edmond, Oklahoma Monday morning at 0600 CST. However, the exact time of her death was not reported. The woman was found to have died due to the heat. The high temperature on Sunday June 18 was in the mid 90s with overnight lows reaching the upper 60s.									
F78PH									
OKZ024 Canadian	20	1500CST			1	0			Heat
A man collapsed at a house in Yukon, Oklahoma on Tuesday June 20 due to the heat. He died from the effects of heat stress the following day in the hospital.									
M32PH									

Storm Data and Unusual Weather Phenomena

June 2006

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

Harper County
10 NNW Buffalo 21 1910CST 0 0 7.5K **Thunderstorm Wind (G65)**

High line power poles were downed.

Harper County
7 WNW Laverne 21 1930CST 0 0 **Hail (0.75)**

Harper County
Buffalo 21 2030CST 0 0 **Hail (0.88)**

Harper County
.5 SW Buffalo 21 2030CST 0 0 **Thunderstorm Wind (G50)**
 Wind gust was measured by the Oklahoma mesonet.

Woodward County
6 SE Mutual 21 2205CST 0 0 **Thunderstorm Wind (G60)**
 Wind gust was measured by the Oklahoma mesonet.

Harper County
Buffalo 22 2020CST 0 0 **Thunderstorm Wind (G52)**

Harper County
2 E Buffalo 22 2031CST 0 0 5K **Thunderstorm Wind (G52)**
 Tin was blown off several buildings.

Woods County
Waynoka 22 2235CST 0 0 **Hail (0.75)**

Major County
North Portion 23 0700CST 0 0 **Flood**
 24 0030CST

Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

Woods County
West Portion 23 0700CST 0 0 **Flood**
 24 0030CST

Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

Woodward County
Northeast Portion 23 0700CST 0 0 **Flood**
 24 0030CST

Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

OREGON, Central and East

NONE REPORTED.

OREGON, Northwest

ORZ001-005>009 **Northern Oregon Coast - Lower Columbia - Greater Portland Metro Area - Central Willamette Valley - Southern Willamette Valley - Western Columbia River Gorge**
 24 1100PST 0 0 **Excessive Heat**
 26 2100PST

A broad upper ridge of unusually high height coupled with a thermally-induced surface trough of low pressure lingered over the Pacific Northwest for several days. This pattern resulted in persistent offshore flow, and therefore many days of record-smashing high temperatures. Many cities in Oregon saw record-breaking daily high temperatures for multiple days in a row. Some examples from around the area at the peak of the heat on June 26th:

Astoria had 85 degrees, with the old record at 81 degrees in 2000;
 Portland at 101 deg., with the old record at 94 in 1987;

Storm Data and Unusual Weather Phenomena

June 2006

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

Troutdale at 102 deg., with the old record at 100 in 1987;
 Hillsboro at 102 deg., with the old record at 94 in 2002;
 McMinnville at 103 deg., with the old record at 98 in 1925;
 Salem at 103 deg., with the old record at 97 in 1987;
 Eugene at 97 deg., with the old record at 95 in 1987;
 Hood River at 100 deg., with the old record at 97 in 1968.

Many of these record daily high temperatures were between 10 and 20 degrees above normal. Some sites even produced high temperature records for the entire month of June, and a few approached, but did not reach, high temperature records for the entire period of record.

Lane County

5 SSW Mc Kenzie Brid	30	1200PST 1700PST			0	0			Hail (0.75)
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Lane County

5 SSW Mc Kenzie Brid	30	1200PST 1700PST			0	0			Thunderstorm Wind (G50)
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An unstable airmass with southerly near-surface winds brought afternoon thunderstorms to the Cascades and Cascade Foothills of Lane county in Oregon. A few of these storms produced severe conditions. One particularly strong storm produced wind gusts strong enough to bring down a 12" diameter tree as well as hail estimated to be dime-sized.

OREGON, Southeast

Baker County

Sumpter	04	0930MST 1030MST			0	0			Thunderstorm Wind (G70)
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Roofs damaged and trees blown down

Harney County

10 W Diamond	12	1700MST 1705MST			0	0			Hail (0.88)
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Nickel size hail reported by spotter 10 miles west of Diamond.

Malheur County

Westfall	12	1710MST 1720MST			0	0			Hail (1.00)
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Quarter size hail reported by spotter in Westfall.

Harney County

16 N Wagontire	13	1255MST	1	10	0	0	0	0	Tornado (F0)
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Reported by Federal Employee.

Malheur County

1 SE Jordan Vly	13	1420MST 1425MST			0	0			Hail (1.00)
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Deep shear aloft destabilized the airmass sufficiently for supercell thunderstorm development across parts of Idaho and Southeast Oregon. Reports of 1 inch hail were common across the County Warning Area.

OREGON, Southwest

Klamath County

South Central Portion	07 08	1400PST 1400PST			0	0			Flash Flood
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A dike on Upper Klamath Lake failed on the afternoon of 06/07/06. It inundated some Caledonia Marsh agricultural fields, State Highway 140, and 3 holes on the Running Y Golf Resort.

The NWS was not notified of this event through official channels, the former MIC called and passed along the information. Once the office was notified and the event verified, a Flash Flood Warning was issued for South Central Klamath County at 07/2147 PDT, effective until 08/0345 PDT. It was extended until 08/1000 PDT at 08/0415 PDT. It was cancelled at 08/0858 PDT. A second dike was threatening to fail, so a Flash Flood Watch was issued at 08/0851 PDT. It was cancelled at 08/1359 PDT when it was determined that no structures were in the threatening area.

No permanent structures were affected and there were no deaths or injuries, but several agricultural structures and equipment were inundated, and Highway 140 was partially undermined, forcing its closure. A second dike showed signs of weakening, but that dike was reinforced and held. Had it failed, more agricultural land would have flooded. Highway 140 was opened to 1 lane of travel after the waters subsided; it will take a number of months to effect repairs.

Jackson County

Jacksonville	12	1450PST 1520PST			0	0			Flash Flood
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Flooding was reported above Highway 238 near Jacksonville.

Storm Data and Unusual Weather Phenomena

June 2006

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

OREGON, Southwest

A Flash Flood Warning was issued for southwest and west central Jackson County (ORC029) at 12/1439 PDT, effective until 12/1615 PDT. It was cancelled at 12/1615 PDT. This warning was issued after a member of the public reported flooding of agricultural fields near the South Fork of Jackson Creek south of Jacksonville. Some debris was scattered over roads and some erosion damage occurred, but no structures were involved and there were no deaths or injuries.

PACIFIC

NONE REPORTED.

PENNSYLVANIA, Central

Schuylkill County

Pottsville	01	1513EST		0	0		Thunderstorm Wind (G50)
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Thunderstorm winds knocked down trees in Pottsville.

York County

4 NE Fawn Grove	01	1751EST 2015EST		0	0		Flash Flood
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Thunderstorms produced heavy rain and localized flash flooding in southeast York County. Most of the activity was centered near and northeast of the town of Fawn Grove, where local rain reports of 6 inches in less than 2 hours were received. Several roads and intersections were closed and flooded, including Woodbine Road, Route 425 and Nace Road. There were no injuries.

York County

5 NW Stewartstown	02	1716EST		0	0		Thunderstorm Wind (G50)
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Thunderstorm winds knocked down trees and wires in East Hopewell Township, about 5 miles northwest of Stewartstown.

York County

Loganville	02	1721EST		0	0		Thunderstorm Wind (G50)
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Thunderstorm winds knocked down trees in Loganville.

York County

Windsor	02	1745EST 2230EST		0	0		Flash Flood
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Thunderstorms produced heavy rain and Flash Flooding in portions of York County during the late afternoon and evening hours of June 2nd. Flooding caused numerous road closures throughout the southern half of York county. Most notable was water on Interstate 83 near the Glen Rock exit, making the road impassible.

Cumberland County

New Cumberland	09	1040EST		0	0		Hail (0.75)
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Thunderstorms produced penny size /0.75 inch/ hail in New Cumberland.

Cumberland County

Mechanicsburg	09	1040EST		0	0		Hail (0.88)
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Thunderstorms produced nickel size /0.88 inch/ hail in Mechanicsburg.

York County

Hanover	09	1050EST		0	0		Hail (1.00)
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Thunderstorms produced quarter size /1.00 inch/ hail in Hanover.

Dauphin County

Elizabethville	09	1150EST		0	0		Hail (0.88)
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Thunderstorms produced nickel size /0.88 inch/ hail in Elizabethville.

Snyder County

9 SW Selingsgrove	09	1230EST		0	0		Hail (0.88)
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Thunderstorms produced nickel size /0.88 inch/ hail in Meiserville.

Lycoming County

Williamsport	09	1240EST		0	0		Hail (0.88)
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Thunderstorms produced nickel size /0.88 inch/ hail in Williamsport.

York County

Jacobus	09	1251EST		0	0		Hail (0.75)
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Thunderstorms produced penny size /0.75 inch/ hail in Jacobus.

Lycoming County

Montoursville	09	1252EST		0	0		Hail (0.88)
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Thunderstorms produced nickel size /0.88 inch/ hail in Montoursville.

Dauphin County

Elizabethville	09	1302EST		0	0		Hail (0.75)
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Thunderstorms produced penny size /0.75 inch/ hail in Elizabethville.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, Central</u>									
Lancaster County									
Mt Joy	09	1344EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down two trees in MOUNTAIN JOY.						
Lycoming County									
5 E Jersey Shr	09	1601EST 1608EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees about 5 miles east of Jersey Shore.						
Dauphin County									
Millersburg	09	1645EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Millersburg.						
Snyder County									
5 S Freeburg	19	1305EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees and wires 5 miles south of Freeburg.						
Snyder County									
Selinsgrove	19	1309EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down wires in Selinsgrove.						
Warren County									
Warren	19	1817EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down numerous trees and wires throughout the city of Warren.						
Mckean County									
3 W Marshburg	19	1840EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down large trees across Route 59 about 3 miles West of Marshburg.						
Elk County									
Brockport	19	1900EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees and wires near Brockport.						
Warren County									
Warren	22	1640EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Warren.						
Clearfield County									
Du Bois	22	1643EST			0	0			Hail (0.75)
			Thunderstorms produced penny size /0.75 inch/ hail in DuBois.						
Warren County									
Warren	22	1648EST			0	0			Thunderstorm Wind (G55)
			A trained spotter estimated thunderstorm wind gusts of 65 mph.						
Clearfield County									
Du Bois	22	1725EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees and wires in DuBois.						
Elk County									
St Marys	22	1732EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in St. Marys.						
Cambria County									
Johnstown	22	1740EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees and wires in Johnstown.						
Cambria County									
Carrolltown	22	1745EST			0	0	3K		Thunderstorm Wind (G50)
			Thunderstorm winds ripped the roof off a trailer.						
Cambria County									
Ebensburg	22	1750EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds knocked a utility pole onto a tractor trailer.						
Clearfield County									
Clearfield	22	1755EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Clearfield.						
Cameron County									
2 SE Driftwood	22	1805EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees along Route 872 about 2 miles southeast of Driftwood.						

Storm Data and Unusual Weather Phenomena

June 2006

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

Centre County

State College	22	1845EST			0	0			Hail (1.00)
Thunderstorms produced hail ranging from pea /0.25 inch/ to quarter /1.00 inch/ size in and to the west of State College. Several reports of the large hail were received from the general public, trained spotters and off-duty NWS employees. Wind speeds were also estimated at 60 mph.									

Huntingdon County

Shade Gap	22	1910EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees near Shade Gap on Route 522.									

Union County

Mifflinburg	22	1920EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Mifflinburg.									

Union County

Hartleton	22	1920EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Hartleton.									

Clinton County

Lock Haven	22	1926EST			0	0	30K		Thunderstorm Wind (G51)
Strong thunderstorm winds estimated at 60 mph blew through the Lock Haven airport damaging several small aircraft. A pilot also reported sighting a funnel cloud.									

Lycoming County

Williamsport	22	1930EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and wires in Williamsport.									

Lycoming County

Williamsport	22	1935EST			0	0			Thunderstorm Wind (G50)
ASOS equipment at the Lycoming Airport (IPT) recorded a wind gust of 50 kts (58 mph).									

Perry County

Shermans Dale	22	1940EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down large trees in Shermansdale.									

Perry County

Newport	22	1940EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down large trees in Newport.									

Lycoming County

Montoursville	22	1940EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and wires in Montoursville.									

Lycoming County

Loyalsockville	22	1942EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and wires in Loyalsockville.									

Perry County

Liverpool	22	1942EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down large trees in Liverpool.									

Northumberland County

Sunbury	22	1946EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down numerous trees in Sunbury.									

Dauphin County

Lykens	22	2010EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and wires in Lykens.									

Columbia County

3 S Bloomsburg	22	2010EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and wires 3 miles south of Bloomsburg.									

Snyder County

Selinsgrove	22	2011EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Selinsgrove.									

Northumberland County

Shamokin	22	2011EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Shamokin.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, Central</u>									
Cumberland County									
5 NE Carlisle	22	2015EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees and wires in Middlesex Township.						
Lebanon County									
9 NW Lebanon	22	2027EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Harper Tavern.						
Schuylkill County									
Gordon	22	2027EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Gordon.						
Lebanon County									
Lebanon	22	2040EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Lebanon.						
Lancaster County									
Ephrata	22	2045EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Ephrata.						
Lancaster County									
Manheim	22	2054EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees in Manheim.						
Lebanon County									
Newmanstown	22	2100EST			0	0			Hail (1.00)
			Thunderstorms produced quarter size /1.00 inch/ hail in Newmanstown.						
Lebanon County									
3 SW Lebanon	22	2100EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees 3 miles southwest of Lebanon.						
Lancaster County									
2 NE New Holland	22	2100EST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds knocked down trees 2 miles northeast of New Holland.						
Franklin County									
Greencastle	25	1200EST 1800EST			0	0			Flash Flood
			Heavy rain caused flash flooding throughout Franklin County. The Route 11 underpass in Greencastle was flooded, along with a number of roads in Waynesboro. 2 water rescues were performed.						
Dauphin County									
Harrisburg	25	1500EST 2230EST			0	0			Flash Flood
			Heavy rain caused flash flooding throughout Dauphin County. Especially affected was Middle Paxton Township where Route 441 was closed at several interchanges due to flooding from Fishing Creek.						
Adams County									
Gettysburg	25 26	1600EST 0230EST			0	0			Flash Flood
			Heavy rain caused flash flooding in Adams County. Bermudian Creek came out of its bank flooding Home Back Bridge. Old Harrisburg Road near Gettysburg was also flooded. At 21:15 LST, water rescues were performed on Matamoras Valley Road.						
Clearfield County									
Mahaffey Jct	25	1600EST 1745EST			0	0			Flash Flood
			Heavy rain caused two rock slides which closed portions of Route 286 near Mahaffey.						
Schuylkill County									
Pottsville	25 26	1600EST 0230EST			0	0			Flash Flood
			Heavy rain caused flash flooding throughout Schuylkill County. Many roads were closed with more than 1 foot of water on them in the vicinity of Hometown and Port Clinton.						
Lebanon County									
Lebanon	25 26	1700EST 0230EST			0	0			Flash Flood
			Heavy rains caused flash flooding in Lebanon County, closing roads in the cities of Lebanon and Palmyra.						
York County									
Newberrytown	25 26	1830EST 0230EST			0	0			Flash Flood
			Heavy rains caused flash flooding and the closure of many roads in Fairview and Newberry Townships.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, Central</u>									
Lebanon County									
9 NW Lebanon	25	2330EST			0	0			Flood
	29	1045EST							
									Heavy rain caused Swatara Creek at Harper Tavern to flood. The creek exceeded flood stage of 9.0 feet at 23:30 EST on the 25th, crested at 18.28 feet at 18:45 EST on the 28th, then fell back below flood stage at 19:00 EST on the 29th.
Franklin County									
Greencastle	26	0630EST			0	0			Flash Flood
		0715EST							
									Heavy rain caused flash flooding across Franklin County. During the early morning hours, 12 water rescues were performed, many roads were flooded and closed, and one home suffered damage as a basement wall collapsed from the flood waters.
Dauphin County									
Middletown	26	0700EST			0	0			Flood
	30	0900EST							
									Heavy rain caused Swatara Creek at Middletown to flood. The creek exceeded flood stage of 11.0 feet at 07:00 EST on the 26th, crested at 20.6 feet at 07:00 EST on the 29th, then fell back below flood stage at 09:00 EST on the 30th.
Dauphin County									
Hershey	26	0945EST			0	0			Flood
	30	0500EST							
									Heavy rain caused Swatara Creek at Hershey to flood. The creek exceeded flood stage of 7.0 feet at 09:45 EST on the 26th, crested at 16.12 feet at 04:45 EST on the 29th, then fell back below flood stage at 05:00 EST on the 30th. This crest is the highest stage ever recorded at Hershey on Swatara Creek.
York County									
Delta	26	1530EST			0	0			Flash Flood
	27	0130EST							
									Heavy rain caused flash flooding in Lancaster County. Roads were closed and flooded in Delta, Fawn and Lower Chanceford Townships. In addition, two mudslides occurred. The first was in Lower Chanceford Township near the intersection of Route 372 and Slab Road. The second occurred in Windsor Township on Burkholder Road east of Blacksmith Avenue.
Somerset County									
Somerset	26	1937EST			0	0			Flash Flood
		2100EST							
									Heavy rain produced flash flooding in Somerset county in and near the city of Somerset. 18 basements were flooded, and Route 31 was closed due to high water just to the west of Somerset.
Lancaster County									
Lancaster	26	2045EST			0	0			Flash Flood
	27	0230EST							
									Heavy rain caused flash flooding throughout Lancaster County. Numerous roads were closed throughout the county, with over 50 homes reporting basement flooding. One home had a basement wall collapse from the flood waters. In addition, 18 water rescues were performed, and Route 471 was closed due to water flowing over it.
Lebanon County									
Newmanstown	26	2336EST			0	0			Flash Flood
	27	0015EST							
									Heavy rain caused flash flooding over eastern Lebanon County in Millcreek Township. Several roads were closed in the township, and several evacuations took place due to high water.
York County									
Countywide	27	0130EST			0	0			Flood
		0730EST							
									Heavy rain caused flash flooding in Lancaster County. Roads were closed and flooded in Delta, Fawn and Lower Chanceford Townships. In addition, two mudslides occurred. The first was in Lower Chanceford Township near the intersection of Route 372 and Slab Road. The second occurred in Windsor Township on Burkholder Road east of Blacksmith Avenue.
									Although the flash flooding ended shortly after midnight on the 27th , flooding continued into the morning.
Dauphin County									
Countywide	27	1030EST			0	0			Flash Flood
	28	0230EST							
									Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Dauphin County, numerous roads were closed. Severe flooding was noted in Middle Paxton Township where Stoney Creek overflowed its banks.

Lancaster County Countywide

27	1100EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Lancaster County, 36 water rescues were performed. Flooding was reported on the campus of Millersville University. Also in Millersville, Routes 741 and 999 were flooded.

Lebanon County Countywide

27	1100EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Lebanon County, numerous roads and bridges were closed due to flood waters.

Mckean County Countywide

27	1150EST	0	0	Flash Flood
	1700EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

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In McKean County, numerous roads were closed due to flood waters. Especially hard hit was Route 66 south of Kane.

Elk County Ridgway

27	1200EST	0	0	Thunderstorm Wind (G50)
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Thunderstorm winds knocked down several trees in Ridgway.

Clearfield County Du Bois

27	1220EST	0	0	Thunderstorm Wind (G50)
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Thunderstorm winds knocked down trees in DuBois.

Adams County Countywide

27	1400EST	1	0	Flash Flood
28	0300EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Adams County, numerous roads and bridges were closed due to flood waters. The bridge on Gun Club Road in Menallen Township was destroyed. A water rescue was also performed on Matamoros Valley Road in York Springs. There was one death associated with the flash flooding when the driver of a vehicle lost control on a flooded roadway and crashed. F21VE

Tioga County Countywide

27	1600EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Tioga County, numerous roads and bridges were closed due to flood waters. One bridge was under scoured and 2 others were damaged by debris near the town of Tioga.

Sullivan County Countywide

27	1600EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Sullivan County, numerous roads were closed due to flood waters. Route 42 at the intersection of Route 220 was closed in Muncy Valley. Roads were closed in Laporte and Nordmont, including SR2002 where the burms of the road were washed out.

Huntingdon County Huntingdon

27	1615EST	0	0	Flash Flood
28	0230EST			

Heavy rain caused flash flooding in Huntingdon County, resulting in numerous mud slides and road closures.

Schuylkill County Countywide

27	1615EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

In Schuylkill County, numerous roads and bridges were closed due to flood waters. A portion of Route 924, one mile north of Frackville collapsed, and resulted in several vehicles driving into the resulting hole. There were two injuries, but no deaths. The Lower Owl Creek Dam in Tamaqua Borough was determined to be eroding. The Department of Conservation and Natural Resources, the dam owner, drew down on the dam.

Columbia County Countywide

27	1625EST	0	0	Flash Flood
28	0230EST			

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In Columbia County, numerous bridges and roads were washed out. Residents in Ferndale were evacuated. Twin Bridges at Forks was destroyed by flood waters late in the evening on the 27th. Interstate 80 was closed at Buckhorn, and Catawissa Bridge was closed. A number of mud and rock slides were also reported throughout the county.

Juniata County Countywide

27	1630EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Juniata County, numerous roads were closed due to flooding.

Franklin County Countywide

27	1700EST	0	0	Flash Flood
28	0300EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Franklin County, numerous roads and bridges were closed due to flood waters. Around 19:00 EST, 200 homes and trailers had to be evacuated in Lincolndale, Mickeys Inn and Red Bridge. Falling Springs Creek overflowed and covered the intersection of Light Avenue and 2nd Street in Chambersburg. Water also covered Route 30 in Chambersburg. Antitam Creek also came out of its banks in Waynesboro.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

Perry County

Countywide

27	1800EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Perry County, numerous roads were closed due to flood waters. Kings Highway in Marysville was damaged by flood waters, and there was a rock slide in Miller Township near Newport.

Montour County

Countywide

27	1800EST	0	0	Flash Flood
28	0230EST			

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In Montour County, numerous roads and bridges were closed due to flood waters. Between 10 and 15 roads in the county sustained moderate damage, and 1 road was completely washed out. Water damage occurred in the sewage treatment plant and the school basement in Danville. 63 flooded basements were reported.

Northumberland County

Countywide

27	1800EST	0	0	Flash Flood
28	0230EST			

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In Northumberland County, numerous roads and bridges were closed due to flood waters. About 30 people had to be evacuated from Knobels Camp Ground. One bridge was damaged in Lithia Springs.

Snyder County

Countywide

27	1800EST	0	0	Flash Flood
28	0230EST			

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Snyder County, numerous roads and bridges were closed due to flood waters. Middle Creek produced notable flooding in Penn and Washington Townships. A landslide closed State Route 104 in Perry Township.

Cumberland County Countywide

27	1800EST			0	0				Flash Flood
28	0300EST								

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

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In Cumberland County, numerous roads and bridges were closed due to flood waters. 30 homes were evacuated on Betham Hollow Road due to access road washing out. Flooding was also extensive in Silver Spring Township.

Union County Countywide

27	1900EST			0	0				Flash Flood
28	0230EST								

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Union County, numerous roads were closed due to flood waters. Especially hard hit were the towns of Mifflinburg where North 8th, North 3rd and North 4th streets were closed. Route 15 near Winfield was also closed.

Perry County Shermans Dale

27	1930EST			0	0				Flood
28	1000EST								

Heavy rain caused Sherman Creek at Shermans Dale to flood. The creek exceeded flood stage of 9.0 feet at 19:30 EST on the 27th, crested at 11.71 feet at 02:00 EST on the 28th, then fell back below flood stage at 11:00 EST on the 28th.

York County Countywide

27	2030EST			0	0				Flash Flood
28	0300EST								

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

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In York County, numerous roads and bridges were closed due to flood waters. Extensive flooding was reported in Peach Bottom Township where a portion of Route 851 was washed out.

Cumberland County 3 NW Mechanicsburg

27	2045EST			0	0				Flood
29	1615EST								

Heavy rain caused the Conodoguinet Creek at Hogestown to flood. The creek exceeded flood stage of 8.0 feet at 20:45 EST on the 27th, crested at 10.05 feet at 21:30 EST on the 28th, then fell back below flood stage at 16:15 EST on the 29th.

Storm Data and Unusual Weather Phenomena

June 2006

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

Lancaster County

Lancaster	27	2300EST			0	0			Flood
	28	1900EST							

Heavy rain caused Conestoga River at Lancaster to flood. The river exceeded flood stage of 11.0 feet at 23:00 EST on the 27th, crested at 14.7 feet at 09:30 EST on the 28th, then fell back below flood stage at 19:00 EST on the 28th.

Cumberland County

Camp Hill	28	0100EST			0	0			Flood
	29	1515EST							

Heavy rain caused Yellow Breeches Creek at Camp Hill to flood. The creek exceeded flood stage of 7.0 feet at 01:00 EST on the 28th, crested at 9.7 feet at 10:00 EST on the 28th, then fell back below flood stage at 15:15 EST on the 29th.

Montour County

Countywide	28	0230EST 1415EST			0	0			Flood
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Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Montour County, numerous roads and bridges were closed due to flood waters. Between 10 and 15 roads in the county sustained moderate damage, and 1 road was completely washed out. Water damage occurred in the sewage treatment plant and the school basement in Danville. 63 flooded basement were reported.

Although the flash flooding ended early on the 28th in Montour County, flooding continued into the afternoon.

Lancaster County

Countywide	28	0230EST 1415EST			0	0			Flood
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Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Lancaster County, 36 water rescues were performed. Flooding was reported on the campus of Millersville University. Also in Millersville, Routes 741 and 999 were flooded.

Although the flash flooding ended early on the 28th in Lancaster County, flooding continued into the afternoon.

Lebanon County

Countywide	28	0230EST			0	0			Flood
	29	0145EST							

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Lebanon County, numerous roads and bridges were closed due to flood waters.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

Dauphin County Countywide

Although the flash flooding ended early on the 28th in Lebanon County, flooding continued into the early morning of the 29th.

28	0230EST		0	0	Flood
29	0145EST				

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Dauphin County, numerous roads were closed. Severe flooding was noted in Middle Paxton Township where Stoney Creek overflowed its banks.

Schuylkill County Countywide

Although the flash flooding ended early on the 28th in Dauphin County, flooding continued into the early morning of the 29th.

28	0230EST		0	0	Flood
	1415EST				

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Schuylkill County, numerous roads and bridges were closed due to flood waters. A portion of Route 924, one mile north of Frackville collapsed, and resulted in several vehicles driving into the resulting hole. There were two injuries associated with the flash flooding, but no deaths.

Northumberland County Countywide

Although the flash flooding ended early on the 28th in Schuylkill County, flooding continued into the afternoon.

28	0230EST		0	0	Flood
	1415EST				

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Northumberland County, numerous roads and bridges were closed due to flood waters. About 30 people had to be evacuated from Knobels Camp Ground. One bridge was damaged in Lithia Springs.

Columbia County Countywide

Although the flash flooding ended early on the 28th in Northumberland County, flooding continued into the afternoon.

28	0230EST		0	0	Flood
29	0715EST				

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Central

flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Columbia County, numerous bridges and roads were washed out. Residents in Ferndale were evacuated. Twin Bridges at Forks was destroyed by flood waters late in the evening on the 27th. Interstate 80 was closed at Buckhorn, and Catawisa Bridge was closed. A number of mud and rock slides were also reported throughout the county.

Although the flash flooding ended early on the 28th in Columbia County, flooding continued into the morning of the 29th.

Sullivan County Countywide

28	0230EST 0815EST	0	0	Flood
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Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Sullivan County, numerous roads were closed due to flood waters. Route 42 at the intersection of Route 220 was closed in Muncy Valley. Roads were closed in Laporte and Nordmont, including SR2002 where the burms of the road were washed out.

Although the flash flooding ended early on the 28th in Sullivan County, flooding continued into the mid morning.

Columbia County Bloomsburg

28	0245EST	0	0	Flood
30	2359EST			

Heavy rain caused Susquehanna River at Bloomsburg to flood. The river exceeded flood stage of 19.0 feet at 02:45 EST on the 28th, crested at 28.69 feet at 20:15 EST on the 28th, then fell back below flood stage at 13:15 EST on the 1st of July.

York County Countywide

28	0300EST 1415EST	0	0	Flood
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Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In York County, numerous roads and bridges were closed due to flood waters. Extensive flooding was reported in Peach Bottom Township where a portion of Route 851 was washed out.

Although the flash flooding ended early on the 28th in York County, flooding continued into the afternoon.

Cumberland County Countywide

28	0300EST 0815EST	0	0	Flood
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Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

Storm Data and Unusual Weather Phenomena

June 2006

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

In all, the governor signed a Declaration of Disaster Emergency for 46 Pennsylvania counties. 21 Counties were given federal disaster designation status, making them eligible for federal aid. Over 1200 water rescues were performed statewide. Hundreds of roads and bridges were closed during the event. At least 65 bridges were damaged, with an estimated 23 requiring total replacement. The American Red Cross opened 48 shelters statewide which housed more than 2500 people. More than 77,000 meals and snacks through 60 mobile feeding sites were also distributed by the American Red Cross. About 7800 residences were damaged, with between 275,000 and 300,000 voluntary evacuations orders being given.

In Cumberland County, numerous roads and bridges were closed due to flood waters. 30 homes were evacuated on Betham Hollow Road due to access road washing out. Flooding was also extensive in Silver Spring Township.

Although the flash flooding ended early on the 28th in Cumberland County, flooding continued into the mid morning.

Adams County Countywide

28	0300EST								
	0815EST				0	0			Flood

Heavy rain associated with a stalled frontal boundary, interacting with the remnants of a weak tropical system, caused flash flooding throughout central and eastern Pennsylvania from June 27 through June 28. While flash flooding ended on the 28th, flood waters continued in some locations until July 1st.

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In Adams County, numerous roads and bridges were closed due to flood waters. The bridge on Gun Club Road in Menallen Township was destroyed. A water rescue was also performed on Matamoras Valley Road in York Springs. There was one death associated with the flash flooding when the driver of a vehicle lost control on a flooded roadway and crashed.

Although the flash flooding ended early on the 28th in Adams County, flooding continued into the mid morning.

Montour County Danville

28	0345EST								
	30 2359EST				0	0			Flood

Heavy rain caused Susquehanna River at Danville to flood. The river exceeded flood stage of 20.0 feet at 03:45 EST on the 28th, crested at 28.19 feet at 21:46 EST on the 28th, then fell back below flood stage at 11:45 EST on the 1st of July.

Northumberland County Sunbury

28	1030EST								
	29 1930EST				0	0			Flood

Heavy rain caused Susquehanna River at Sunbury to flood. The river exceeded flood stage of 24.0 feet at 11:30 EST on the 28th, crested at 26.89 feet at 21:30 EST on the 28th, then fell back below flood stage at 19:30 EST on the 29th.

Lancaster County Marietta Afs

28	1730EST								
	30 1130EST				0	0			Flood

Heavy rain caused Susquehanna River at Marietta to flood. The river exceeded flood stage of 49.0 feet at 17:30 EST on the 28th, crested at 52.53 feet at 10:00 EST on the 29th, then fell back below flood stage at 11:30 EST on the 30th.

Dauphin County Harrisburg

28	1830EST								
	30 0200EST				0	0			Flood

Heavy rain caused Susquehanna River at Harrisburg to flood. The river exceeded flood stage of 17.0 feet at 18:30 EST on the 28th, crested at 19.66 feet at 06:30 EST on the 29th, then fell back below flood stage at 02:00 EST on the 30th.

Perry County Loysville

29	1540EST								
					0	0			Thunderstorm Wind (G50)

Thunderstorm winds knocked down trees in Loysville.

Perry County Blain

29	1545EST								
					0	0			Thunderstorm Wind (G50)

Thunderstorm winds knocked down trees and wires in Blain.

Dauphin County Halifax

29	1620EST								
					0	0			Hail (0.75)

Thunderstorms produced penny size hail /0.75 inch/ in Halifax.

Storm Data and Unusual Weather Phenomena

June 2006

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

Lycoming County

Hughesville	29	1720EST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds knocked down trees in Hughesville.

PENNSYLVANIA, East

Carbon County

Nesquehoning	01	1505EST			0	0	0		Thunderstorm Wind (G50)
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Thunderstorm winds that below through Carbon County during the later afternoon of June 1st downed power lines in Nesquehoning. A large tree was also knocked down across Dock Street in Lansford.

Carbon County

Nesquehoning to Lansford	01	1640EST 1830EST			0	0			Flash Flood
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Thunderstorms with torrential rains caused creek flooding in western Carbon County. Creeks overflowed across a few roadways in Lansford. Water accumulated up to three feet on some roadways in Lansford. Doppler Radar storm total estimates reached between 3 and 4 inches in the western part of the county.

Berks County

Bally	01	1700EST			0	0	0		Thunderstorm Wind (G50)
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A severe thunderstorm rolled through Berks County, Pennsylvania during the early evening of June 1st. Power lines were knocked down as a result of the gusty winds.

Chester County

3 S Cedarville	01	1700EST			0	0	0		Thunderstorm Wind (G50)
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Gusty winds associated with a severe thunderstorm downed trees in South Conventry Township during the early evening of June 1st.

Berks County

Bechtelsville	01	1705EST			0	0			Hail (0.88)
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Nickel size hail was produced by a severe thunderstorm at 6:05 PM EDT on June 1st in Bechtelsville, Pennsylvania (Berks County). The trained weather spottedter reported the hail lasted for about 5 minutes.

Montgomery County

Gilbertsville	01	1715EST			0	0	0		Thunderstorm Wind (G50)
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The Douglass Township Police reported downed trees in the township due to strong winds with a severe thunderstorm that rolled through the area during the early evening of June 1st. The downed trees blocked some roads in the township.

Berks County

Shanesville	01	1715EST			0	0	0		Thunderstorm Wind (G50)
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Gusty winds from a severe thunderstorm, which rolled through the area during the early evening of June 1st, downed power lines across Earl Township.

Bucks County

Perkasie	01	1753EST			0	0	0		Thunderstorm Wind (G50)
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A trained weather spotter in Perkasie measured a peak thunderstorm wind gust of 58 mph at 6:53 PM EDT on a hand held anemometer.

Montgomery County

Pottstown	01	1830EST 2000EST			0	0			Heavy Rain
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Heavy rain from thunderstorms caused some roadway flooding in northwestern Montgomery County. This included the intersection of High and Berks Streets in Pottstown. Doppler Radar storm total estimates average one to two inches in the northwestern part of the county.

Montgomery County

Lansdale	01	1845EST			0	0	0		Thunderstorm Wind (G50)
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Gusty winds from a thunderstorm downed power lines from Schwenksville to Lansdale between 7:45 PM EDT and 8:00 PM EDT on June 1st.

Montgomery County

Pottstown	01	1900EST			0	0	0		Lightning
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As thunderstorms rumbled across Montgomery County, several homes were struck by lightning in the Pottstown area during the evening of June 1st. Also, three buildings were struck by lightning in New Hanover. The newspaper 'The Reporter' in Lansdale lost power during the evening of June 1st as lightning struck a utility pole causing the high tension pole to catch fire. The power outage delayed the newspaper printing process during the overnight of June 1st into the early morning of June 2nd. No injuries or major damage were reported.

Montgomery County

Trappe	01	1900EST			0	0	0		Lightning
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Around 8 PM EDT, the Montgomery County Geriatric Center, now known as Parkhouse Providence Pointe, in Upper Providence lost power after lightning hit one its transformers. No injuries were reported. A total of 19,000 customers across Montgomery

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, East

County though lost power during the height of the thunderstorms during the evening of June 1st.

Delaware County Countywide

02	0900EST				0	0	0		Lightning
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Thunderstorms that rolled through late June 1st into the morning of June 2nd caused numerous power outages across Delaware County. Some 600 customers lost power during the height of the storms. The Interboro High School dismissed students early on the morning of June 2nd after lightning struck and ignited a utility pole on fire on Amosland Road near the high school in Prospect Park. Officials closed down Amosland Road due to the unsafe conditions. As a result of the lightning strike, wires were downed at Amosland Road and Chester Pike in Norwood, Baltimore Pike and Wawa Road in Chester Heights, however no major outages were reported in these areas. Lightning struck the Delaware County 911 Center in Middletown, knocking out four of the police sectors. Also, no injuries were reported. A total of about 50,000 PECO customers around the region lost power during the storms.

Chester County Oxford

02	1400EST				0	0	0		Thunderstorm Wind (G50)
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A severe thunderstorm rumbled across portions of Chester County, Pennsylvania during the afternoon of June 2nd. As a result of strong winds, trees and power lines were knocked down in Oxford around 3:00 PM EDT.

Chester County Fairville

02	1410EST				0	0	0		Thunderstorm Wind (G52)
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A severe thunderstorm knocked down trees and wires in Pennsbury Township.

Delaware County Glen Mills to Aston Mills

02	1415EST				0	0	10K		Thunderstorm Wind (G50)
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Severe thunderstorms ripped through Delaware County, Pennsylvania during the afternoon hours of June 2nd. At 3:15 PM EDT, small trees were uprooted in the Glen Mills area along with minor damage done to a shopping center. Also, trees were knocked over by strong winds, crashing through some homes in Concord and Aston. Live power lines and tree limbs were knocked down onto busy Route 202, which caused headaches for commuters. In addition, several homes across the county suffered some roof damage due to downed trees and high winds.

Delaware County 5 NW Boothwyn

02	1420EST				1	0	0	0	Lightning
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A 53-year old man was struck and killed by lightning while on a lawnmower cutting grass in Thornbury at 3:20 PM EDT. M53UT

Delaware County Glen Mills to 2 SW Chester Hgts

02	1420EST 1425EST				0	0	0		Hail (1.25)
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A severe thunderstorm, which moved across Delaware County, Pennsylvania during the afternoon of June 2nd, produced 1.25 inch hail in Concordville and quarter size hail in Glen Mills, between 3:20 PM EDT and 3:25 PM EDT.

Berks County Reading

02	1700EST 1800EST				0	0	0		Heavy Rain
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Pennsylvania State Route 12 in Reading was closed for more than three hours during the evening after heavy rains caused almost 2 feet of water to accumulate on the highway at the height of rush hour. Both the eastbound and westbound lanes were flooded at the River Road exit, and about a quarter-mile stretch of the westbound lanes at the Schuylkill Avenue overpass were also under water. One car was trapped under the Schuylkill Avenue overpass for about three hours as towing crews struggled with it in water up to its wheel wells. The River Road entrance ramp to Pennsylvania State Route 12 also was closed for more than three hours when roadway flooding made it impassable at about 6 p.m. EDT. Roadway flooding was also reported on U.S. Business Route 222 and Pennsylvania State Route 61. Flooding along Pennsylvania State Routes 61 and 12 extended into Muhlenberg Township. Storm totals included 1.47 inches in Reading and 1.39 inches at the Reading Regional Airport.

Chester County West Grove

02	1955EST				0	0	0		Thunderstorm Wind (G50)
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A severe thunderstorm ripped across parts of Chester County, Pennsylvania during the evening of June 2nd. The strong winds associated with the thunderstorm snapped off numerous trees halfway up, with some trees even completely toppled over at 8:55 PM EDT in West Grove. One home sustained roof damage as a result of fallen trees. Also, nickel size hail was reported at 8:57 PM EDT during the same thunderstorm in West Grove.

Delaware County South Portion

02	2145EST				0	0	0		Flash Flood
03	0523EST				0	0	0		

Slow moving thunderstorms with torrential rain caused flooding of numerous roadways and a couple of creeks and streams in Delaware County. The heaviest rain fell in the southern half of the county as Doppler Radar storm total estimates reached between 2 and 4 inches. Reported street flooding included Hook Road in Darby Township, parts of Baltimore Pike in Nether Providence, and in front of the Granite Run Mall in Middletown. Several stone driveways in the western part of the county were washed away from the heavy rainfall. Chester Creek in Chester was above its 8 foot flood stage from 1224 a.m. EDT through 623 a.m. EDT on the 3rd. It crested at 11.16 feet at 230 a.m. EDT. Actual storm totals included 3.96 inches in Chadds Ford, 3.50 inches in Aston Township and 2.92 inches in Springfield.

Storm Data and Unusual Weather Phenomena

June 2006

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

Philadelphia County

Philadelphia	02	2205EST			0	0			Flash Flood
	03	0000EST							

Slow moving thunderstorms with torrential rain caused flooding of numerous roadways and a couple of creeks within Philadelphia. The heavy rain forced the closures of the University Avenue exits on the Schuylkill Expressway. The Frankford Creek at Castor Avenue was above its 7 foot flood stage from 1105 p.m. EDT through 1134 p.m. EDT on the 2nd. It crested at 7.16 feet at 1130 p.m. EDT. The Pennypack Creek at the Rhawn Street Bridge was above its 7 foot flood stage from 1127 p.m. EDT through 1147 p.m. EDT on the 2nd. It crested at 7.23 feet at 1130 p.m. EDT. Doppler Radar storm total estimates reached between 1 and 3 inches across the city. Actual storm totals included 2.41 inches in Roxborough, 2.37 inches at Philadelphia International Airport, 2.24 inches at Northeast Philadelphia Airport and 1.52 inches at the Fairmount Dam.

Chester County

South Portion	03	0020EST			0	0			Flash Flood
		0200EST							

Slow moving thunderstorms with torrential rain caused flooding of numerous roadways and a couple of creeks and streams in southern Chester County. Doppler Radar storm total estimates averaged between 2 and 4 inches along the Maryland and Delaware County borders. Several people were rescued from vehicles in West Grove Borough. The White Clay Creek at Strickersville was above its 9.5 foot flood stage from 118 a.m. EDT through 157 a.m. EDT on the 3rd. It crested at 130 a.m. EDT. Actual storm totals included 2.61 inches in Modena, 2.36 inches in West Chester and 1.81 inches in Valley Forge.

Delaware County

Drexel Hill	09	1440EST			0	0	0		Hail (0.75)
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A severe thunderstorm produced penny size hail in Drexel Hill, Pennsylvania (Delaware County) at 3:40 PM EDT on June 9th. Smaller hail, the size of peas, was reported at 3:41 PM EDT by a trained weather spotter on the Blue Route near Broomall.

Philadelphia County

3 N Philadelphia	09	1445EST			0	0	0		Thunderstorm Wind (G50)
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Strong winds from a thunderstorm downed two large tree limbs in the Oak Lawn area near Philadelphia at 3:45 PM EDT on June 9th. Meanwhile, a trained weather spotter measured a peak thunderstorm wind gust of 48 mph in Roxborough at 3:49 PM EDT, with some dead tree branches knocked down. At 3:51 PM EDT, a peak wind gust of 46 mph was measured at the Philadelphia International Airport during a thunderstorm.

Lehigh County

Countywide	19	1540EST			0	0			Thunderstorm Wind (G50)
		1600EST							

Some severe thunderstorms roared across Lehigh County, Pennsylvania during the late afternoon of June 19th. Between 4:40 PM EDT and 5:00 PM EDT, trees and power lines were knocked down across the county. The hardest hit areas appeared to be the Allentown and Bethlehem areas. Winds and rain knocked trees and branches onto power lines causing sparks and a fire in Allentown. A large tree branch fell onto a line at 2451 South Carbon Street causing sparks but no fire. Branches also fell on lines at 354 Barber Street, causing a fire with even an electrical transformer catching fire. No injuries were reported as a result of the severe thunderstorms, however some 8,200 customers lost power in the Allentown and Bethlehem areas.

Northampton County

Countywide	19	1615EST			0	0			Thunderstorm Wind (G50)
		1630EST							

A severe thunderstorm or two rumbled their way across a good portion of Northampton County, Pennsylvania during the early evening of June 19th. Trees and power lines were downed in Hanover, Palmer and Lower Mount Bethel Townships between 5:15 PM EDT and 5:30 PM EDT. A tree was knocked over in Easton, which blocked traffic on Route 22 West at Cemetery Cove. Power line fires occurred at Park and North Wood Avenues in Palmer Township, with a transformer fire in the Palmer Park Mall parking lot.

Northampton County

2 W Bethlehem	19	1618EST			0	0			Thunderstorm Wind (G50)
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A severe thunderstorm produced strong winds, which downed trees and power lines in Hanover Township, Pennsylvania (Northampton County) between 5:18 PM EDT and 5:35 PM EDT on June 19th.

Northampton County

Glendon	19	1635EST			0	0	0		Lightning
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The Glendon substation took a lightning hit around 5:45 PM EDT on June 19th. This was the suspected reason for the numerous power outages, including 10,000 customers in Easton and Palmer Township. At 9:00 PM EDT, about 3,000 customers were still without power and out of that number, about 1,500 were affected by a utility pole fire at Second and Lehigh Streets in Easton. Nearby, 400 customers in Warren County, New Jersey and 100 customers in Hunterdon County, New Jersey lost power because of the thunderstorms.

Lehigh County

Macungie	19	1715EST			0	0	0		Lightning
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A home at 4413 Newton Circle in Lower Macungie took a lightning strike to the chimney at about 6:15 PM EDT on June 19th. A few of the bricks were separated from the chimney but no other damage was done to the home, and there were no injuries reported.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, East</u>									
Northampton County									
Bethlehem	21	2330EST			0	0	5K	0	Lightning
									At about 12:30 AM on June 22nd, lightning struck a tree 20 feet from a home at 3425 Farmersville Road in Bethlehem Township. The lightning appeared to travel through the tree roots and up one of the homes rain gutters. No fire resulted, however the power was completely knocked out to the home and a hole was punched in the side of the homes attic. The family was displaced as a result of the lightning strike, however there were no injuries reported.
PAZ071									
Philadelphia									
	22	1100EST 2000EST			1	0	0	0	Excessive Heat
									A hot day in Philadelphia caused the first heat related death of 2006. A 67-year-old woman died on South 20th Street. The high temperature at Philadelphia International Airport was 91 degrees. F67PH
Berks County									
Womelsdorf to Birdsboro	22	2100EST 2140EST			0	0			Thunderstorm Wind (G52)
									A severe thunderstorm tore down numerous trees and wires across Berks County. The hardest hit municipalities were located from west to east across the central third of the county.
Chester County									
Elverson to Phoenixville	22	2130EST 2200EST			0	0			Thunderstorm Wind (G50)
									A severe thunderstorm tore down numerous large tree limbs and wires across the northern half of Chester County.
Lehigh County									
1 NW Allentown to Lanark	22	2156EST 2200EST			0	0			Thunderstorm Wind (G52)
									A severe thunderstorm tore down several trees in southeastern Lehigh County in South Whitehall and Upper Saucon Townships.
Chester County									
Central Portion	24	1430EST 1700EST			0	0			Flash Flood
Chester County									
Central Portion	24	1700EST 2320EST			0	0			Flood
									Thunderstorms with torrential rains produced mudslides and flash flooding in central Chester County in and around Downingtown and Caln Township. Doppler Radar storm total estimates reached 6 inches. A Skywarn spotter in Coatesville reported 5 inches of rain fell in one hour and 40 minutes. The East Branch of the Brandywine Creek in Downingtown was above its 7 foot flood stage from 602 p.m. EDT on the 24th through 1220 a.m. EDT on the 25th . It crested at 10.79 feet at 915 p.m. EDT.
Montgomery County									
Pottstown to Hatboro	24	1500EST 2146EST			0	0			Flash Flood
									Thunderstorms with heavy rain produced poor drainage flooding as well as flooding of some of the smaller creeks in Montgomery County from around Pottstown southeast through Hatboro and Horsham. Several roads were flooded and impassable in the county. In Hatboro, flooding also surrounded the Robert Bruce Apartments. Creek flooding included Sprogel's Run in Pottstown, Sanatoga Creek in Sanatoga and the East Branch of the Perkiomen Creek in Schwenksville. The East Branch of the Perkiomen Creek at Schwenksville was above its 7 foot flood stage from 945 p.m. EDT through 1046 p.m. EDT on the 24th. It crested at 7.07 feet at 1030 p.m. EDT. Storm totals included 3.50 inches in Graterford and 2.46 inches in Pottstown.
Berks County									
Northwest Portion	25	1835EST 2005EST			0	0			Flash Flood
									Thunderstorms with torrential downpours dropped a Doppler Radar estimated two to five inches of rain across the northwestern tier of Berks County from Bethel Township northeast through Albany Township. This caused roadway and stream flooding as well as causing one rock slide. Actual storm totals included 5.67 inches in Berne, 5.11 inches in Bethel and 3.92 inches in Hamburg.
Chester County									
Downingtown to 5 E Longwood	26 27	1052EST 1006EST			0	0			Flood
									The run-off from heavy rain that fell during the day on the 26th caused flooding along the East Branch and the main stem of the Brandywine Creek. The East Branch of the Brandywine Creek was above its 7 foot flood stage from 1132 a.m. EDT through 141 p.m. EDT on the 26th. It crested at 7.14 feet at 1230 p.m. EDT. Later that day the creek was again above flood stage from 508 p.m. EDT on the 26th through 307 a.m. EDT on the 27th. It crested at 9.93 feet at 1015 p.m. EDT on the 26th. The main stem of the Brandywine Creek at Chadds Ford (Delaware County) had minor flooding. It was above its 9 foot flood from 1218 a.m. EDT through 1106 a.m. EDT on the 27th. It crested at 10.09 feet at 7 a.m. EDT. The Valley Creek at Valley Forge was above its 7 foot flood stage from 623 p.m. EDT through 833 p.m. EDT on the 26th. It crested at 7.45 feet at 7 p.m. EDT. The French Creek at Phoenixville was above its 8 foot flood stage from 430 a.m. EDT through 238 p.m. EDT on the 27th. It crested at 8.91 feet at 715 a.m. EDT.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, East

Lehigh County

Coplay	26	1549EST 2127EST			0	0			Flood
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Northampton County

Walnutport	26	1549EST 2127EST			0	0			Flood
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The run-off from heavy rain that fell during the day on the 26th caused minor flooding along the Lehigh River. The Lehigh River at Walnutport (Northampton County) was above its 8 foot flood stage from 449 p.m. through 1027 p.m. EDT on the 26th . It crested at 8.32 feet at 7 p.m. EDT.

Montgomery County

East Greenville to Schwenksville	26 27	1835EST 0208EST			0	0			Flood
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The run-off from heavy rain that fell during the day on the 26th caused minor flooding along the East Branch and main stem of the Perkiomen Creek. The East Branch of the Perkiomen Creek at Schwenksville was above its 7 foot flood stage from 735 p.m. EDT on the 26th through 310 a.m. EDT on the 27th. It crested at 8.33 feet at 2 a.m. EDT on the 27th. The main stem of the Perkiomen Creek at East Greenville was above its 4 foot flood stage from 832 p.m. EDT on the 26th through 308 a.m. EDT on the 27th. It crested at 4.89 feet at 1245 a.m. EDT on the 27th.

Delaware County

Chadds Ford	26 27	2318EST 1006EST			0	0			Flood
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The run-off from heavy rain that fell during the day on the 26th caused minor flooding along the main stem of the Brandywine Creek. The main stem of the Brandywine Creek at Chadds Ford had minor flooding. It was above its 9 foot flood from 1218 a.m. EDT through 1106 a.m. EDT on the 27th. It crested at 10.09 feet at 7 a.m. EDT.

Lehigh County

Coplay to Bethlehem	27 29	0545EST 0200EST			0	0	1M	1M	Flood
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Lehigh County

Northwest Portion	27	1611EST 1800EST			0	0			Flash Flood
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Lehigh County

West Portion	27	2030EST 2230EST			0	0			Flash Flood
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Lehigh County

Countywide	28	0300EST 0600EST			0	0			Flash Flood
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Several days of heavy rain throughout the Delaware River Basin culminated with flash flooding of smaller streams during bursts of heavier rain during the night of the 27th and minor to moderate flooding along the Lehigh River. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Lehigh County averaged five to nine inches, but storm totals exceeded ten inches in the headwaters of the Lehigh River in the Poconos.

The Lehigh River at Walnutport (Northampton County) was above its above its 8 foot flood stage from 645 a.m. EDT on the 27th through 300 a.m. EDT on the 29th. It crested at 12.49 feet 715 a.m. EDT on the 28th. Farther downstream in Bethlehem, the Lehigh River was above its 16 foot flood stage from 458 a.m. EDT through 418 p.m. EDT on the 28th. It crested at 17.74 feet at 11 a.m. EDT.

Berks County

Berne to Reading	27 29	0633EST 1228EST			0	0	17.7M	1M	Flood
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Berks County

Countywide	27 28	1450EST 0300EST			0	0			Flash Flood
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Several days of heavy rain throughout the Schuylkill River Basin culminated with major flooding along the Schuylkill River from the 27th through the 29th. It was the second or third highest crest on record for the Schuylkill River in Berks County and the highest crest since Hurricane Agnes in 1972. President George W. Bush declared Berks County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 26th into the morning of the 28th. During bursts of heavier rain on the 27th and 28th, flash flooding of smaller streams occurred and the ongoing flooding along the main stem rivers was exacerbated. Event totals in Berks County averaged five to eleven inches.

Over 1,000 homes, apartment buildings and businesses were affected by the flooding. Seventy-six of them suffered major damage and nine of them were destroyed.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, East

The Schuylkill River at Berne was above its 12 foot flood stage from 733 a.m. EDT on the 27th through 747 a.m. EDT on the 29th. It crested at 17.54 feet at 700 a.m. EDT on the 28th. It was the second highest crest on record and the highest crest since Hurricane Agnes in June of 1972. Farther downstream in Reading, the Schuylkill River was above its 13 foot flood stage from 214 p.m. EDT on the 27th through 128 p.m. EDT on the 29th. It crested at 23.63 feet at 230 p.m. EDT on the 28th, the third highest crest on record and the highest since hurricane Agnes in June of 1972. The Manatawny Creek at Spangville exceeded its 6 foot flood stage twice. It was above flood stage from 1135 a.m. EDT through 245 p.m. EDT on the 27th and crested at 6.17 feet at 130 p.m. EDT. It was above flood stage again from 618 a.m. EDT through 1221 p.m. EDT on the 28th. It crested at 6.60 feet at 10 a.m. EDT.

Carbon County Lehighton

27	0633EST				0	0			Flood
28	2348EST								

Carbon County Jim Thorpe

27	1515EST 1715EST				0	0			Flash Flood
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Carbon County Countywide

27	2015EST				0	0	2.1M		Flash Flood
28	0600EST								

Several days of heavy rain throughout the Lehigh River Basin culminated with flooding along the main stem of the Lehigh River. President George W. Bush declared Carbon County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the late afternoon of the 27th into the morning of the 28th. This caused flash flooding along smaller streams and exacerbated the ongoing flooding along the major rivers. Event totals in Carbon County averaged eight to twelve inches.

The Lehigh River in Lehighton was above its 10 foot flood stage from 919 a.m. EDT on the 27th through 252 p.m. EDT on the 28th. It crested at 13.51 feet at 545 a.m. EDT on the 27th. The Tobyhanna Creek along the Monroe/Carbon County border at Blakeslee was above its 10 foot flood stage from 737 a.m. EDT on the 27th through 1248 a.m. EDT on the 29th. It crested at 13.41 feet at 545 a.m. EDT on the 28th, the second highest crest on record and 0.11 feet higher than the crest in April of 2005. The Aquashicola Creek at Palmerton was above its 7 foot flood stage from 1205 p.m. EDT on the 28th through 358 p.m. EDT on the 28th. It crested at 7.23 feet at 230 p.m. EDT.

Northampton County Walnutport to Easton

27	0645EST				0	0	10M	1M	Flood
30	1803EST								

Northampton County Northwest Portion

27	2030EST 2200EST				0	0			Flash Flood
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Northampton County Countywide

28	0300EST 0600EST				0	0			Flash Flood
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Several days of heavy rain throughout the Delaware and Lehigh River Basins culminated with major flooding along the Delaware River from the 28th through the 30th. It was the fourth highest crest on record for the Delaware River along Northampton County. The worst reported damage was in Easton and Portland. The crest was slightly lower than the April 2005 flood. President George W. Bush declared Northampton County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Northampton County averaged five to nine inches, but storm totals exceeded ten inches in parts of the Upper Delaware Basin in New York State.

The Delaware River at Belvidere (Warren County), was above its 22 foot flood stage from 1145 a.m. EDT on the 28th through 303 a.m. EDT on the 30th. It crested at 27.16 feet at 1130 a.m. EDT on the 29th, the fourth highest crest on record. Farther downstream at Easton, the Delaware River was above its 22 foot flood stage from 830 p.m. EDT on the 27th through 703 p.m. EDT on the 30th. It crested at 37.09 feet at 1215 p.m. EDT on the 29th, the fourth highest crest on record. The Lehigh River also flooded inland, but flooding was not as severe. The Lehigh River at Walnutport was above its above its 8 foot flood stage from 645 a.m. EDT on the 27th through 300 a.m. EDT on the 29th. It crested at 12.49 feet 715 a.m. EDT on the 28th. Farther downstream in Bethlehem, the Lehigh River was above its 16 foot flood stage from 458 a.m. EDT through 418 p.m. EDT on the 28th. It crested at 17.74 feet at 11 a.m. EDT. Farther downstream in Glendon, the Lehigh River was above its 19 foot flood stage from 434 p.m. EDT on the 27th through 2 a.m. EDT on the 29th. It crested at 19.74 feet at 730 a.m. EDT on the 28th.

Chester County Phoenixville

27	0730EST 1338EST				0	0			Flood
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The run-off from heavy rain that fell during the night of the 27th caused minor flooding along the French Creek. The French Creek at Phoenixville was above its 8 foot flood stage from 430 a.m. EDT through 238 p.m. EDT on the 27th. It crested at 8.91 feet at 715 a.m. EDT.

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, East

Monroe County

Countywide	27	0805EST			0	0	16M		Flood
	30	0943EST							

Monroe County

Countywide	27	2030EST			2	0			Flash Flood
	28	0600EST							

M19IW, M66IW

Several days of heavy rain throughout the Delaware and Lehigh River Basins culminated with major flooding along the Delaware River from the 28th through the 30th. It was the second highest crest on record for the Delaware River along Monroe County only surpassed by the flooding in August of 1955. The worst reported damage was along the Brodhead Creek and along the Delaware River. The crest along the Delaware River was slightly lower than the April 2005 flood. President George W. Bush declared Monroe County a disaster area. Two men drowned. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. This caused flash flooding along smaller streams and exacerbated the ongoing flooding along the major rivers. Event totals in Monroe County averaged eight to twelve inches, with similar storm totals in parts of the Upper Delaware Basin in New York State.

The body of a 19-year-old male was recovered on the night of the 30th near Winona Falls in the Bush Kill in Middle Smithfield Township. A 66-year-old male drowned in the Delaware River on the 29th while he was taking pictures of the flooded river. His body was found in the Delaware Water Gap National Recreation Area.

The Delaware River at Tocks Island (Warren County) was above its 21 foot flood stage from 906 a.m. EDT on the 28th through 1043 a.m. EDT on the 30th. It crested at 33.87 feet at 915 a.m. EDT on the 29th, about half a foot higher than the crest in April of 2005 and the second highest crest on record overall. The Brodhead Creek at Analomink was above its 8 foot flood stage from 430 a.m. EDT through 238 p.m. EDT on the 28th. It crested at 11.44 feet at 715 a.m. EDT. Farther downstream at Mininsink Hills, the Brodhead Creek was above its 10 foot flood stage from 407 a.m. EDT on the 28th through 706 a.m. EDT on the 30th. It crested at 21.34 feet at 845 a.m. EDT on the 29th. The crest was the second highest on record and 0.34 feet higher than the crest in April of 2005. The Lehigh River at Stoddartsville was above its 7 foot flood stage 905 a.m. EDT on the 27th through 942 p.m. EDT on the 28th. It crested at 11.77 feet at 215 p.m. EDT on the 27th. The Pohopoco Creek at Kresgeville was above its 8.5 foot flood stage from 336 a.m. EDT through 1211 p.m. EDT on the 28th. It crested at 8.77 feet at 6 a.m. EDT. The Tunkhannock Creek at Long Pond was above its 5 foot flood stage from 1041 p.m. EDT on the 27th through 330 a.m. EDT on the 29th. It crested at 5.44 feet at 430 a.m. EDT on the 29th. The Bush Kill at Shoemakers was above its 6 foot flood from 712 a.m. EDT on the 28th through 120 a.m. EDT on the 29th. It crested at 7.31 feet at 1 p.m. EDT on the 28th. The Tobyhanna Creek along the Monroe/Carbon County border at Blakeslee was above its 10 foot flood stage from 737 a.m. EDT on the 27th through 1248 a.m. EDT on the 29th. It crested at 13.41 feet at 545 a.m. EDT on the 28th, the second highest crest on record and 0.11 feet higher than the crest in April of 2005.

Montgomery County

Countywide	27	1910EST			0	0	22M		Flood
	29	2108EST							

Montgomery County

Countywide	28	0100EST			0	0			Flash Flood
		0600EST							

Several days of heavy rain throughout the Schuylkill River Basin culminated with moderate flooding along the Schuylkill River and its tributaries from the 27th through the 29th. President George W. Bush declared Montgomery County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Even heavier rain fell farther upstream in Berks and Schuylkill Counties. During bursts of heavier rain on the 28th, flash flooding of smaller streams occurred and the ongoing flooding along the main stem rivers was exacerbated. Event totals in Montgomery County averaged five to nine inches.

The Schuylkill River at Pottstown had moderate flooding. It was above its 13 foot flood stage from 811 p.m. EDT on the 27th through 1008 p.m. EDT on the 29th. It crested at 20.53 feet at 215 a.m. EDT on the 29th. Farther downstream in Norristown flooding was also moderate. The Schuylkill River was above its 17 foot flood stage from 1001 a.m. EDT through 1101 p.m. EDT on the 28th. It crested at 19.03 feet at 315 p.m. EDT. The Manatawny Creek in Pottstown was above its 6 foot flood stage from 1 a.m. EDT through 149 p.m. EDT on the 28th. It crested at 8.11 feet at 415 a.m. EDT. The West Branch of the Perkiomen Creek at Hillegass was above its 5 foot flood stage from 455 a.m. EDT through 715 a.m. EDT on the 28th. It crested at 5.17 feet at 545 a.m. EDT. The East Branch of the Perkiomen Creek at Schwenksville was above its 7 foot flood stage from 441 a.m. EDT through 402 p.m. EDT on the 28th. It crested at 12.18 feet at 1230 p.m. EDT. This was the highest crest of the three times the creek flooded during the past four days. The main stem of the Perkiomen Creek at East Greenville was above its 4 foot flood stage from 425 a.m. EDT through 1207 p.m. EDT on the 28th. Farther downstream in Graterford, the Perkiomen Creek had moderate flooding and was above its 11 foot flood stage from 540 a.m. EDT through 449 p.m. EDT on the 28th. It crested at 13.68 feet at 115 p.m. EDT. It crested at 6.02 feet at 9 a.m. EDT. The Wissahickon Creek at Fort Washington was above its 9 foot flood stage from 426 a.m. EDT through 1239 p.m. EDT on the 28th. It crested at 13.33 feet 845 a.m. EDT.

Storm Data and Unusual Weather Phenomena

June 2006

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

Chester County

Countywide	27	1911EST			0	0	6M		Flood
	29	2108EST							

Chester County

Countywide	28	0219EST 0500EST			0	0			Flash Flood
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Several days of heavy rain throughout Southeastern Pennsylvania culminated with major flooding along the Brandywine Basin and moderate flooding along Schuylkill River from the 27th through the 29th. President George W. Bush declared Chester County a disaster area. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. During bursts of heavier rain on the 28th, flash flooding of smaller streams occurred and the ongoing flooding along the main stem rivers was exacerbated. Event totals in Chester County averaged six to twelve inches.

The Schuylkill River at Pottstown (Montgomery County) had moderate flooding. It was above its 13 foot flood stage from 811 p.m. EDT on the 27th through 1008 p.m. EDT on the 29th. It crested at 20.53 feet at 215 a.m. EDT on the 29th. Farther downstream in Norristown (Montgomery County), flooding was also moderate. The Schuylkill River was above its 17 foot flood stage from 1001 a.m. EDT through 1101 p.m. EDT on the 28th. It crested at 19.03 feet at 315 p.m. EDT. The West Branch of the Brandywine Creek was above its 7 foot flood stage from 810 p.m. EDT through 1103 p.m. EDT on the 27th. It crested at 7.51 feet at 915 p.m. EDT. The East Branch of the Brandywine Creek at Downingtown was above its 7 foot flood stage from 315 a.m. EDT through 540 p.m. EDT on the 28th. It crested at 14.38 feet at 8 a.m. EDT. It was the highest crest of the four times the creek flooded since the 24th. The main stem of the Brandywine Creek at Chadds Ford (Delaware County) had major flooding. It was above its 9 foot flood from 545 a.m. EDT through 1115 p.m. EDT on the 28th. It crested at 13.33 feet at 145 p.m. EDT. French Creek at Phoenixville was above its 8 foot flood stage from 319 a.m. EDT through 245 p.m. EDT on the 28th. It crested at 12.19 feet at 530 a.m. EDT. The White Clay Creek at Strickersville was above its 9.5 foot flood stage from 545 a.m. EDT through 631 a.m. EDT on the 28th. It crested at 9.56 feet at 6 a.m. EDT. The Red Clay Creek at Kennett Square was above its 9.5 foot flood stage from 344 a.m. EDT through 922 a.m. EDT on the 28th. It crested at 8.85 feet at 645 a.m. EDT. The Valley Creek at Valley Forge was above its 7 foot flood stage from 352 a.m. EDT through 938 a.m. EDT on the 28th. It crested at 8.8 feet at 545 a.m. EDT.

Philadelphia County

Countywide	28	0214EST 0600EST			0	0			Flash Flood
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Philadelphia County

Philadelphia	28	0600EST			0	0	1M		Flood
	29	1350EST							

Several days of heavy rain throughout the Delaware and Schuylkill River Basins culminated with flooding along the Schuylkill River from the 28th through the 29th. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. During bursts of heavier rain flash flooding occurred on the smaller streams and exacerbated the ongoing flooding on the larger rivers. Event totals in Philadelphia averaged three to four inches.

The Schuylkill River in Philadelphia was above its 11 foot flood stage from 805 a.m. EDT on the 28th through 250 p.m. EDT on the 29th. It crested at 12.49 feet at 330 p.m. EDT on the 28th. The Wissahickon Creek at its mouth with the Schuylkill River was above its 5 foot flood stage from 444 a.m. EDT through 538 p.m. EDT on the 28th. It crested at 8.00 feet at 1245 p.m. EDT. The Frankford Creek at Castor Avenue flooded twice above its 7 foot flood on the 28th. First briefly from 314 a.m. EDT through 319 a.m. EDT. It crested at 7.06 feet at 315 a.m. EDT. The second time it was above its 7 foot flood stage from 418 a.m. EDT through 640 a.m. EDT. It crested at 10.25 feet at 530 a.m. EDT. The Pennypack Creek at the Rhawn Street Bridge was above its 7 foot flood stage from 510 a.m. EDT through 349 p.m. EDT on the 28th. It crested at 10.93 feet at 115 p.m. EDT.

Delaware County

Countywide	28	0300EST 0600EST			0	0			Flash Flood
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Delaware County

Chadds Ford	28	0445EST 2215EST			0	0	500K		Flood
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Several days of heavy rain throughout the Delaware and Brandywine Basins culminated with flooding along some of the creeks in Delaware County. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Delaware County averaged four to five inches.

The main stem of the Brandywine Creek at Chadds Ford (Delaware County) had major flooding. It was above its 9 foot flood from 545 a.m. EDT through 1115 p.m. EDT on the 28th. It crested at 13.33 feet at 145 p.m. EDT. The Chester Creek at Chester was above its 8 foot flood stage from 422 a.m. EDT through 850 a.m. EDT on the 28th. It crested at 10.52 feet at 615 a.m. EDT. The Crum Creek at Newtown Square was above its 6 foot flood stage from 418 a.m. EDT through 946 a.m. EDT on the 28th. It crested at 7.88 feet at 1215 a.m. EDT.

Bucks County

Countywide	28	0300EST 0700EST			0	0			Flash Flood
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Storm Data and Unusual Weather Phenomena

June 2006

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

Bucks County

**Riegelsville to
New Hope**

28	0700EST				0	0	30M		Flood
30	1935EST								

Several days of heavy rain throughout the Delaware River Basin culminated with major flooding along the Delaware River from the 28th through the 30th. It was the fourth or fifth highest crest on record for the Delaware River along Bucks County and hit Yardley and New Hope the hardest. The crest was slightly lower than the April 2005 flood. President George W. Bush declared Bucks County a disaster area. Inland flooding affected Perkasie and Sellersville the most. Sporadic periods of heavy rain started on the 23rd, but the most widespread and heaviest rain fell from the night of the 27th into the morning of the 28th. Event totals in Bucks County averaged four to ten inches, but storm totals exceeded ten inches in parts of the Upper Delaware Basin in New York State.

The Delaware River at Riegelsville was above its 22 foot flood stage from 451 a.m. EDT on the 28th through 632 p.m. EDT on the 30th. It crested at 33.62 feet at 300 p.m. EDT on the 29th, the fourth highest crest on record. Farther downstream at Frenchtown (Hunterdon County), the Delaware River was above its 16 foot flood stage from 827 a.m. EDT on the 28th through 835 p.m. EDT on the 30th. It crested at 22.90 feet at 500 p.m. EDT on the 29th, the fourth highest crest on record. Farther downstream, at Stockton (Hunterdon County), the Delaware River was above its 18 foot flood stage from 4 a.m. EDT on the 28th through 620 p.m. EDT on the 30th. It crested at 25.35 feet at 7 p.m. EDT on the 29th, the fourth highest crest on record. Farther downstream, at New Hope the Delaware River was above its 13 foot flood stage from 805 a.m. EDT on the 28th through 401 p.m. EDT on the 30th. It crested at 19.08 feet at 6 p.m. EDT on the 29th, the fourth highest crest on record. The Delaware River at Washington's Crossing was above its 20 foot flood stage from 825 p.m. EDT on the 28th through 912 a.m. EDT on the 30th. It crested at 22.54 feet at 700 p.m. EDT on the 29th, the fourth highest crest on record. The Delaware River at Trenton (Mercer County) was above its 20 foot flood stage from 746 a.m. EDT on the 28th through 652 p.m. EDT on the 30th. It crested at 25.09 feet at 845 p.m. EDT on the 29th, the fifth highest crest on record.

Inland creeks also flooded. The Little Neshaminy Creek at Neshaminy was above its 8 foot flood stage from 502 a.m. EDT through 1112 a.m. EDT on the 28th. It crested at 9.76 feet at 8 a.m. EDT. The main stem of the Neshaminy Creek at Langhorne had major flooding and was above its 9 foot flood stage from 645 a.m. EDT through 1029 p.m. EDT on the 28th. It crested at 13.88 feet at 415 p.m. EDT. The East Branch of the Perkiomen Creek at Dublin was above its 5 foot flood stage from 401 a.m. EDT through 749 a.m. EDT on the 28th. It crested at 9.60 feet at 530 a.m. EDT. The Tohickon Creek at Pipersville was above its 10 foot flood stage from 559 a.m. through 747 a.m. EDT on the 28th. It crested at 10.55 feet at 645 a.m. EDT.

Philadelphia County

Philadelphia

29	0255EST				0	0			Thunderstorm Wind (G50)
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A severe thunderstorm rolled through Philadelphia, Pennsylvania during the very early morning hours of June 29th. Several trees were knocked down at 3:55 PM EDT as a result of the strong winds. In addition, a trained weather spotter measured a peak wind gust of 50 mph at 4:00 AM EDT during the passing thunderstorm.

Bucks County

Treose

29	2038EST				0	0	0		Hail (0.75)
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A severe thunderstorm rolled across the Treose, Pennsylvania area (Bucks County) during the evening of June 29th, and produced penny size hail at 9:38 PM EDT.

Bucks County

Southwest Portion

29	2120EST				0	0			Flash Flood
	2230EST								

Thunderstorms with heavy rain caused poor drainage flooding and some creek flooding in southwestern Bucks County. Doppler Radar storm total estimates ranged between one and three inches across that area.

Monroe County

**Long Pond to
Skytop**

30	1720EST				0	0			Thunderstorm Wind (G50)
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A severe thunderstorm knocked down a few large tree limbs, wires and transformers in Barrett, Chestnut Hill and Tunkhannock Townships.

PENNSYLVANIA, Northeast

Pike County

Panther

01	1230EST				0	0	5K		Thunderstorm Wind (G50)
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Several trees were blown down from strong thunderstorm winds.

Lackawanna County

Clarks Summit

01	1345EST				0	0	5K		Thunderstorm Wind (G50)
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Trees and wires were blown down by strong thunderstorm winds.

Luzerne County

West Wyoming

09	1653EST				0	0			Hail (0.88)
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Luzerne County

Hughestown

09	1700EST				0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

June 2006

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

Luzerne County

Hughestown 09 1705EST 0 0 **Hail (0.88)**

Wayne County

Honesdale 26 1430EST 0 0 **10K** **Flash Flood**
27 2330EST

A front from southern New England to near Washington D.C Sunday morning the 25th moved slowly west to a position from just north of New England south-southwest across the Adirondacks through central New York and then down the spine of the Appalachians by Monday morning the 26th. Tropical moisture moved westward and engulfed nearly all of New York State and most of northern and eastern Pennsylvania by Monday morning. This resulted in a widespread area of moderate to heavy rain across all of central New York and northeast Pennsylvania including the Poconos and Catskills. The heaviest rain occurred in the Poconos and Catskills where rainfall amounts totaled between 1.5 and 4 inches by 8 am EDT Monday. In Wayne County, 1 to 3 inches of rain fell across the county by Monday morning. This rainfall saturated the soils before another round of heavy rainfall moved into Wayne County during the day Monday. This next batch of rainfall caused significant flash flooding in the Honesdale and Bethany areas. The flash flooding began at 330 pm EDT and lasted into the evening hours. Many roads were washed out. The Lackawaxen River spilled its bank and flooded a parking lot. A nursing home in the Bethany area was flooded as well.

Luzerne County

Nescopeck 26 2228EST 0 0 **25K** **Flash Flood**
27 0200EST

Heavy rains from tropical moisture brought 1 to 3 inches of rain to Luzerne County Sunday the 25th to Monday morning the 26th. This initial rainfall set the stage for flash flooding as another round of heavy rain moved through the county late Monday afternoon and evening. Flash flooding began along the Nescopeck Creek around 1128 pm EDT and lasted until around 3 am EDT Tuesday the 27th.

Luzerne County

Hazleton 26 2339EST 0 0 **10K** **Flash Flood**
27 0300EST

Heavy rains continued to pelt the Poconos in Luzerne County late Monday night and early Tuesday morning the 26th. As a result, flash flooding began around the Hazleton area. There were numerous roads flooded around the town including Route 93. Black Creek started overflowing its banks flooding several roads as well.

Wyoming County

Tunkhannock 27 0100EST 0 0 **50K** **Flash Flood**
1100EST

Tropical moisture continued to stream northward into eastern Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of eastern Pennsylvania late Monday evening the 26th through Tuesday morning the 27th. Up to 2 inches of rain fell in the Tunkhannock area by Tuesday. This rain fell on saturated ground from previous rains that occurred Sunday and Monday leading to flash flooding in the Tunkhannock area. Several roads were reported to be washed out Tuesday morning. The rain tapered off for a few hours Tuesday morning allowing the waters to recede temporarily.

Bradford County

Wyalusing 27 0315EST 0 0 **10K** **Flash Flood**
0700EST

Tropical moisture continued to stream northward into Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of northeast Pennsylvania early Tuesday. Eastern Bradford County was particularly hard hit with 3 to 4 inches of rain by Tuesday morning. This rain fell on saturated ground from previous rainfall and caused a rockslide in the town of Wyalusing. Many roads were also flooded in and around Wyalusing.

Susquehanna County

Little Meadows 27 0348EST 0 0 **50K** **Flash Flood**
0900EST

Tropical moisture continued to stream northward into eastern Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of eastern Pennsylvania late Monday evening the 26th to Tuesday morning the 27th. The northwest corner of Susquehanna County was particularly hard hit with up to 5 inches of rain. This rain fell on saturated ground from previous rains that occurred Sunday and Monday leading to major flash flooding in Little Meadows. Water topped a bridge in Little Meadows and flooded several homes. The rain tapered off Tuesday morning after sunrise allowing the flash flooding to abate.

Wayne County

Countywide 27 0600EST 1 0 **50M** **Flash Flood**
28 1400EST

Tropical moisture continued to stream northward into northeast Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This tropical moisture developed a batch of heavy showers and thunderstorms across much of eastern Pennsylvania late Monday evening the 26th to Tuesday morning the 27th. By 8 am Tuesday, another 3 to 5 inches of rain fell across Wayne County which caused major flash flooding. Additional rain fell Tuesday

Storm Data and Unusual Weather Phenomena

June 2006

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

afternoon into Wednesday morning as the front moved back east and combined with a low pressure system moving up the eastern seaboard. The additional rainfall brought rainfall totals to between 8 and 15 inches in the county. This extreme rainfall over a three day period brought catastrophic flash flooding to many locations in Wayne County, the worst flooding this county has ever seen. Numerous small streams and creeks overflowed their banks, flooding homes, businesses, roads, and bridges. A state of emergency was declared for Wayne County on Tuesday. The flooding lasted from Tuesday around 7 am EDT through 3 pm EDT Wednesday the 28th. Hardest hit areas were Scott, Buckingham, Manchester, Damascus, Preston, and Clinton townships as well as Waymart and Hawley. At least 400 people were evacuated from flood-stricken areas. There were 109 homes and businesses heavily damaged with 6 homes totally destroyed. 50 people were rescued from the flood waters, with 25 bridges destroyed and 15 more heavily damaged. Dozens of roads were flooded. One man was killed by the floodwaters after attempting to cross a flooded roadway in his vehicle. Total damage is estimated at around 50 million dollars in Wayne County.

M76VE

Luzerne County Countywide

27	0710EST								
28	1400EST				3	0	100M		Flash Flood

Additional heavy rain fell Tuesday the 27th through early Wednesday morning the 28th across Luzerne County and the Poconos on top of what fell on Monday as a front moved east across Pennsylvania and combined with low pressure and tropical moisture. This additional rainfall brought three day rainfall totals between 6 and 10 inches in Luzerne County, sending most streams and creeks over their banks in what would be deemed the worst flash flooding this county has experienced since Hurricane Agnes in 1972. Many people remarked that this storm reminded them of the Agnes Floods of 1972. The flash flooding lasted until Wednesday and affected over 1000 homes of which 33 had major damage. Two businesses were destroyed with over 150 roads damaged by flood waters. Over 100 people had to be rescued. Twenty five bridges were destroyed with over 50 damaged. At least 26 million dollars worth of damage was done to roadways with up to 100 million dollars of damage reported from flooding in the county. Hardest hit areas were Plains, Plymouth, Schickshinny, Dallas, Jackson township, West Wyoming, and Luzerne townships. Toby's Creek was among one of the creeks that experienced the most significant flooding. During the day Wednesday, concerns shifted from the flash flooding on the small streams to the Susquehanna River which was projected to rise close to the top of the levee in the city of Wilkes Barre. This prompted city and county officials to order 200,000 people to evacuate Wilkes Barre. Fortunately the levee held and there were no significant problems in the City Proper. Tragically, three people died from the floods in Luzerne county. M15IW, M30IW, M35IW

Lackawanna County Countywide

27	0900EST								
28	1400EST				0	0	50M		Flash Flood

Tropical moisture streamed northward into northeast Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. This brought 2 to 5 inches of rain to Lackawanna County and began significant flash flooding by Tuesday morning. Later on Tuesday another more substantial area of heavy rain moved into Lackawanna County as the front moved back east and combined with a low pressure system moving up the eastern seaboard. This additional rainfall caused massive flash flooding from Tuesday afternoon through Wednesday. Total rainfall in Lackawanna County ranged from 7 to 15 inches. This extreme rainfall sent streams and creeks overflowing their banks in Moscow and Goldboro by mid-morning Tuesday. By late morning, widespread flash flooding was occurring across many parts of the county. The flooding damaged 200 homes, destroying 2. There were at least 18 businesses damaged. Over 500 were evacuated with 20 people being rescued from the raging flood waters. There were 22 roads damaged with 2 roads destroyed. During the height of the flash flood, there were 30 roads closed, including Interstate 81 from exit 199 in northern Lackawanna County north to the New York border. There were no deaths, but damages are estimated to be at least 50 million dollars.

Lackawanna County Old Forge

27	1100EST								
28	1400EST				0	0	5M		Flood

At Old Forge on the Lackawanna River, moderate flooding occurred. The river rose to the flood stage of 11 feet on June 27th at 12:00 PM EDT. Moderate flooding at 13 feet began June 27th at 2:00 PM EDT. The first crest was 13.39 feet June 27th at 3:15 PM EDT. The second crest was slightly lower than the first at 13.05 feet June 28th at 8:15 AM EDT. The record flood at Old Forge is 20.05 feet from the remnants of Hurricane Diane on August 19, 1955.

Wayne County Hawley

27	1400EST								
30	2359EST				0	0	5M		Flood

Major flooding occurred on the Lackawaxen River at Hawley. The Lackawaxen River at Hawley rose above the 11 foot flood stage early in the afternoon on Tuesday the 27th. The Lackawaxen River continued to rise Tuesday evening and Wednesday morning cresting at 18.19 feet at 200 pm EDT Wednesday the 28th. This was the 4th highest stage at Hawley with records going back around 100 years.

Bradford County Sayre

27	1500EST								
30	2359EST				0	0	10M		Flood

The Waverly/Sayre gage is located at the point where the Susquehanna River makes its final turn out of New York State into Pennsylvania. It is also 5 miles north of the confluence of the Susquehanna and Chemung Rivers at Tioga Point. The gage serves

Storm Data and Unusual Weather Phenomena

June 2006

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

PENNSYLVANIA, Northeast

the communities of Waverly in New York and the Athens/Sayre region in Pennsylvania. The Cannon Hole neighborhood and the Village of Barton were severely flooded. To quote the Star-Gazette of Elmira, New York, Thursday July 3rd, 2006 "Cannon Hole residents, living unprotected and sometimes only yards from the Susquehanna River, are used to dealing with floods every so often. They mop up, wring things out, wash things off and move on with their lives." The article goes on to say that this June flooding brought far more devastation to the area than anyone had experienced. Several residents will not return due to homes being unfit or not repairable. Some are saying that they are tired of dealing with flooding and will move now. The river rose to the flood stage (11 feet) June 27th, at 4:00 PM EDT. It reached moderate flooding (16 feet) June 28th, at 3:30 AM EDT. It rose to major flooding (21.4 feet) June 28th, at 6:45 PM EDT. The river crested at 22.52 feet June 29, at 5:00 AM EDT. This broke the old record of 21.4 feet set in March of 1936. The local basin average rainfall for June 26 to 29 was 5.26 inches. The river remained above flood stage through the end of June in the Waverly/Sayre area.

Susquehanna County Countywide

27	1630EST	1	0	100M	Flash Flood
28	1400EST				

Tropical moisture continued to stream northward into northeast Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. Additional heavy rain fell Tuesday afternoon into Wednesday morning across Susquehanna County as the front moved back east and combined with a low pressure system moving up the eastern seaboard. Total rainfall for the three day period ending Wednesday was over 10 inches in many areas with 14.74 inches reported in Clinton Township. This batch of heavy rain sent most streams and creeks over their banks in what was the worst flash flooding this county has ever seen. The flash flooding lasted until Wednesday afternoon. Hardest hit areas were New Milford, Great Bend, Hallstead, Susquehanna, Lanesboro, Oakland and Little Meadows. One person was killed when he drove his car into a flooded roadway in Springville Township. Total damages to the county were at least 100 million dollars. 183 homes were damaged, 76 destroyed. There were 110 businesses damaged by the flood waters. 400 people were evacuated, with 100 people rescued. At least 50 roads were damaged by flood waters with 10 destroyed. At one point, 150 roads in the county were closed during the height of the flood. Thirty bridges were flooded countywide. M43VE

Bradford County East Portion

27	1650EST	0	0	25M	Flash Flood
28	1400EST				

Tropical moisture continued to stream northward into northeast Pennsylvania ahead of a frontal system which slowly moved westward into the eastern Great Lakes by Tuesday morning the 27th. By Tuesday evening another more substantial area of heavy rain moved into the eastern half of Bradford County as the front moved back east and combined with a low pressure system moving up the eastern seaboard. This additional rainfall caused massive flash flooding by 5:50 pm EDT Tuesday through Wednesday at 3 pm EDT. Hardest hit areas were mainly in the eastern half of the county, including Sayre, Athens, Ulster, Sheshequin, Windham, LeRaysville, Herrick, and Stevens. Total damage was estimated around 25 million dollars. The flash floods caused 99 homes to be damaged, 1 destroyed. 12 businesses were flooded. There were at least 100 people evacuated from the flood waters. More than 50 roads were damaged and 2 bridges flooded. All the flash flooding in Bradford County combined with the heavy rainfall in upstate New York to send the Susquehanna River in Sayre and Athens to its highest level in history. At the Sayre/Waverly Gauge, the Susquehanna River crested at 22.52 feet Wednesday night which was 1.1 feet higher than the previous record set in March 1936. The levee system that protects Sayre and Athens held but 300 people were ordered to evacuate as a precaution. The river did flood the Athens sewage plant causing major water problems for Athens. Fortunately there were no deaths from this flood in Bradford County.

Wyoming County Tunkhannock

27	1810EST	0	0		Flood
29	0000EST				

At Tunkhannock and Dixon on the Tunkhannock Creek, record flooding may have occurred. The creek rose to the flood stage of 11 feet June 27th, at 7:10 PM EDT. Moderate flooding begins at 14 feet and the creek rose above this level June 27th at 9:30 PM EDT. Major flooding began when the creek reached 17 feet June 29th at 1:00 AM EDT. The creek rose above the stream gage's maximum reading and leveled off at 19.88 feet June 28th between 4:30 AM and 9:30 AM EDT. No crest is available since the gauge was flooded. The highest level on record is 19.97 feet January 19, 1996. Also major flooding occurred September 18, 2004 with a crest of 19.69 feet during the floods caused by the remnants of Hurricane Ivan.

Wyoming County Countywide

27	1940EST	0	0	60M	Flash Flood
28	1300EST				

Additional heavy rain fell Tuesday afternoon into Wednesday morning across Wyoming County on top of what fell earlier on Tuesday the 27th as a front moved east across Pennsylvania and combined with low pressure and tropical moisture. This additional rainfall brought three day rainfall totals to 11 inches in Wyoming County sending most streams and creeks over their banks in what would be deemed the worst flash flooding this county has ever experienced. Many stated that the flash flooding was worse than the flash floods caused by Hurricane Agnes in 1972, Hurricane Ivan in 2004 and the snowmelt flood of January 1996. Hardest hit areas were Noxen, Nicholson and Eaton Townships. Damages were estimated at 60 million dollars. There were over 200 homes damaged, 52 homes destroyed. A dozen businesses were damaged with another dozen destroyed. 400 people were forced to evacuate along Bowman's Creek. Sixty people were rescued from the flood waters. A state of emergency was declared on Tuesday as all roads in the county were closed. Over 100 roads were damaged with at least 30 destroyed. Six bridges were completely destroyed with all bridges closed at one point during the height of the flash floods.

Storm Data and Unusual Weather Phenomena

June 2006

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

Wyoming County

Meshoppen	27	2353EST			0	0			Flood
	30	2359EST							

Moderate flooding occurred at Meshoppen. The Susquehanna River at Meshoppen rose to the flood stage of 27 feet June 28th, at 12:53 AM EDT. The river rose to the moderate flood level of 31 feet June 28th at 7:30 AM EDT. The river crested at 32.78 feet June 28th at 11:30 AM EDT. This flood crest ranks third. The record crest is 43.51 on June 23, 1972. The second highest crest was 36.34 feet January 20, 1996. The local basin average rainfall for June 26 to 29 was 6.04 inches. The river at Meshoppen remained above flood stage through the end of June.

Luzerne County

Wilkes Barre	28	0115EST			0	0	10M		Flood
	30	2359EST							

Major flooding occurred on the Susquehanna river at Wilkes-Barre. The river rose to the flood stage of 22 feet June 28th at 2:15 AM EDT. The river rose to the moderate flood level of 24 feet June 28th, at 3:30 AM EDT. At 24 feet Canal Street in Shickshinny and the lowlands in Pittston begin to flood. The river rose to the major flood level of 30 feet June 28th at 9:00 AM EDT. The river crested at 34.09 feet June 28th at 6:30 PM EDT. This is the fifth highest flood crest on record. Records began at Wilkes-Barre in November 1890. The local basin average rainfall for June 26 to 29 was 6.99 inches.

Bradford County

Towanda	28	0515EST			0	0			Flood
	30	2359EST							

Moderate flooding occurred on the Susquehanna River in Towanda. The Courthouse parking lot in the center of Towanda flooded. Several roads were closed and extensive field flooding occurred in and around Towanda. The river rose to the flood stage of 16 feet June 28th, at 6:15 AM EDT. The river rose to the moderate flood level of 18 feet June 28th at 11:30 AM EDT. The river crested at 20.83 feet June 29th, at 10:30 AM EDT. This was the 12th highest crest for the Susquehanna River at Towanda. The record at Towanda is 33.43 feet set in June 1972. The local basin average rainfall for June 26 to 29 was 3.38 inches. The river remained above flood stage through the end of June.

Pike County

Milford	28	0700EST			0	0	5M		Flood
	29	1200EST							

Major flooding occurred along the Delaware River from Matamoras, PA and Port Jervis, NY south through the eastern border of Pike County Wednesday June 28th. The Delaware River at Matamoras/Port Jervis crested at 21.43 feet 3:00 pm EDT Wednesday which was the 5th highest crest on record. At the Montague, New Jersey river gauge, which is directly across the Delaware River from Milford, Pennsylvania, the river crested at 32.16 feet 1:00 am EDT Thursday June 29th. This was the 3rd highest crest on record at this gauge location.

Bradford County

Ulster	29	1735EST			0	0	5K		Thunderstorm Wind (G50)
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Trees were blown down by strong thunderstorm winds.

Susquehanna County

New Milford	30	1430EST			0	0	5K		Thunderstorm Wind (G50)
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Trees were blown down by strong thunderstorm winds.

Bradford County

Towanda	30	1711EST			0	0	5K		Thunderstorm Wind (G50)
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Trees and wires were blown down by strong thunderstorm winds.

PENNSYLVANIA, Northwest

Crawford County

Conneaut Lake	19	1700EST			0	0	10K		Thunderstorm Wind (G50)
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Several trees were reported down.

Crawford County

Cochranton	22	1620EST			0	0	2K		Thunderstorm Wind (G50)
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A tree and large limbs were reported down.

Erie County

Waterford	28	1412EST			0	0			Hail (0.88)
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Nickel size hail was observed.

PENNSYLVANIA, West

Mercer County

Jamestown	19	1640EST			0	0			Thunderstorm Wind (G50)
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Large trees branches blown down onto road, blocking it.

Mercer County

4 NE Greenville	19	1645EST			0	0			Thunderstorm Wind (G50)
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Large tree down.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Venango County									
Utica	19	1725EST			0	0	3K		Thunderstorm Wind (G50)
			Large trees blown down.						
Venango County									
Franklin	19	1735EST			0	0	10K		Thunderstorm Wind (G50)
			Large tree blown down; fell onto a home on 10th Street.						
Venango County									
President	19	1750EST			0	0	5K		Thunderstorm Wind (G50)
			Large trees down along SR 62.						
Forest County									
5 NNE Tionesta	19	1810EST			0	0	4K		Thunderstorm Wind (G50)
			Large trees down near Endeavor along SR 666.						
Clarion County									
5 W Knox	19	1810EST			0	0			Thunderstorm Wind (G50)
			Trees down.						
Allegheny County									
Pittsburgh	19	2008EST			0	0			Hail (0.75)
			Numerous reports penny size hail.						
Beaver County									
Monaca	22	0043EST			0	0			Hail (1.00)
Mercer County									
Mercer	22	1515EST			0	0	10K		Thunderstorm Wind (G50)
			Numerous trees down.						
Lawrence County									
Volant	22	1530EST			0	0			Thunderstorm Wind (G50)
			Trees down.						
Butler County									
West Sunbury	22	1540EST			0	0			Hail (0.75)
Washington County									
2 SW Canonsburg	22	1608EST			0	0			Hail (0.75)
Clarion County									
Shipperville	22	1610EST			0	0	4K		Thunderstorm Wind (G50)
			Several large trees down.						
Allegheny County									
Wexford	22	1615EST			0	0	15K		Thunderstorm Wind (G50)
			Numerous trees down.						
Venango County									
Sugarcreek	22	1615EST			0	0			Thunderstorm Wind (G50)
			Trees down.						
Clarion County									
Countywide	22	1620EST 1745EST			0	0			Flash Flood
			Numerous roads flooded throughout the county.						
Beaver County									
Beaver	22	1630EST			0	0	30K		Thunderstorm Wind (G50)
			Trees and power lines down county-wide. Thousands lost electricity.						
Westmoreland County									
3 S Vandergrift	22	1652EST			0	0			Hail (0.75)
			in Apollo.						
Westmoreland County									
Derry	22	1715EST			0	0	40K		Thunderstorm Wind (G50)
			Trees blown down onto 2 mobile homes at Sundial Trailer Park. Thousands lost electricity.						
Mercer County									
Countywide	22	1730EST			0	0	10K		Thunderstorm Wind (G50)
			Numerous trees and power lines down.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Indiana County									
Indiana	22	1755EST			0	0	20K		Thunderstorm Wind (G50)
			Numerous trees and power lines blown down. 2500 customers lost electricity.						
Beaver County									
Aliquippa	22	1800EST			0	0	6K		Thunderstorm Wind (G50)
			Trees and power lines down in ALIQUIPPA.						
Venango County									
5 N Oil City	22	1800EST			0	0	6K		Thunderstorm Wind (G50)
			Numerous trees down.						
Allegheny County									
Pittsburgh	22	1800EST			0	0	15K		Thunderstorm Wind (G50)
			Numerous trees and power lines down.						
Butler County									
10 E Slippery Rock	22	1815EST			0	0	6K		Thunderstorm Wind (G50)
			Trees and power lines blown down.						
Lawrence County									
Volant	22	1900EST 2000EST			0	0			Flash Flood
			Numerous roads flooded.						
Armstrong County									
10 SW Kittanning to Kittanning	25	1100EST 2100EST			0	0	600K		Flash Flood
			Widespread flooding of roads and 200 basements. 12 families were evacuated. Flooding started in South Buffalo Twp around noon, then moved into Ford City and Kittanning. Between 7 AM EDT and 1130 AM, 4.2 inches of rain fell in Kittanning. It reached 5 inches by 4 PM EDT. By 215 PM EDT, flooding was reported in Ford City and 2 miles south of Kittanning. By 413 PM EDT, flooding was widespread. By 723 PM EDT, Glade Run overflowed and flooded Skinall Rd near the Villa Restaurant on SR 1285. By 935 PM EDT, several roads were still flooded in Ford City and Kittanning. Skywarn spotter in Kittanning reported total rainfall in the storm was 5.9 inches. Manor Twp Fire Dept reported some families were evacuated from homes along Garretts Run Rd (old Rte 66) because of flooding. Hawk Hollow and Ping Wing Hollow Roads were washed out. Thirty feet of Scout Run Rd washed out. Restaurant on Rte 66 had extensive flooding. Nearly 100 basements flooded in Manorville and Garretts Run. 136 more basements flooded in Ford City. Animal shelter off Rte 85 flooded by 1130 AM EDT; over 100 animals rescued.						
Jefferson County									
Punxsutawney to 3 S Punxsutawney	25	1243EST 1800EST			0	0			Flash Flood
			At 1:43 PM EDT, roads were flooded south of Punxsutawney, near the border of Indiana County. By 425 PM EDT, there was flooding in Valier, 3 miles south of Punxsutawney, and along Route 119.						
Indiana County									
Marion Center	25	1400EST 2000EST			0	0	200K		Flash Flood
			Widespread flooding of roads and of at least 16 basements, in Marion Center, East Mahoning Twp, and northern Indiana County. Skywarn spotter in Marion Center reported 2.5 inches of rain from 10 AM EDT to 1230 PM EDT; 4 inches by 130 PM; 4.5 inches by 3 PM; and finally 4.6 inches at 7 PM EDT. By 3 PM EDT, numerous roads were reported flooded in East Mahoning Twp. By 7 PM, Little Mahoning Creek overflowed and flooded Route 119 between Marion Center and the northern border of Indiana County, and several vehicles in a parking lot were submerged. By 720 PM EDT, Canoe Creek flooded Juneau. By 815 PM EDT, near Mottarns Mill in North Mahoning Twp, East Creek Rd was washed out; it paralleled Little Mahoning Creek. Route 210 was damaged by flooding.						
Butler County									
Cabot to Herman	25	1708EST 1815EST			0	0			Flash Flood
			Roads flooded in Cabot and Herman.						
Westmoreland County									
Latrobe	25	1930EST 2030EST			0	0	7K		Flash Flood
			A few basements flooded.						
Armstrong County									
12 SE Ford City	27	1000EST			0	0	3K		Thunderstorm Wind (G50)
			Few trees and power lines blown down.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
Armstrong County									
Goheenville	27	1025EST 1125EST			0	0	15K		Flash Flood
			Route 28 flooded about 10 miles northeast of Kittanning. Several basements also flooded.						
Indiana County									
Smicksburg	27	1030EST			0	0	35K		Thunderstorm Wind (G57)
			A microburst, with maximum wind 65 mph (57 kt), struck near Smicksburg about 1130 AM EDT. Numerous trees uprooted, power lines blown down, part of barn roof blown off, shed destroyed. Sporadic damage extended for about 1 mile. Maximum width 100 yards. (Same storm moved into Horntown, Jefferson County, Pa.)						
Jefferson County									
7 N Sykesville	27	1055EST			0	0	6K		Thunderstorm Wind (G55)
			Trees and power lines blown down in Falls Creek.						
Jefferson County									
Horntown to Allens Mills	27	1100EST			0	0	50K		Thunderstorm Wind (G57)
			A microburst, with maximum wind 65 mph (57 kt), struck Horntown about noon EDT, and ended near Allens Mills. Hundreds of trees were toppled or snapped. Several trees fell onto homes. Roof blown off one mobile home. In Washington Twp, trees and power lines were blown down along Interstate 80 near Airport Rd in Horntown. Four homes damaged in this area. In Winslow Twp, trees and power lines were down in the Deemers Crossroad area along Rte 322. Length of damage about 3 miles. Maximum width about a quarter mile. (Same storm came from Smicksburg in Indiana County Pa.)						
Jefferson County									
2 S Brookville	27	1300EST 1340EST			0	0			Flash Flood
			Flooding on State Rte 36.						
Mercer County									
1 S Sharon	28	1415EST			0	0			Hail (1.00)
			A few large trees branches also blew down.						
Mercer County									
2 E Sharon	28	1439EST			0	0			Hail (0.88)
Clarion County									
Sligo	28	1530EST			0	0			Hail (0.88)
Jefferson County									
Roseville	28	1605EST			0	0	4K		Thunderstorm Wind (G50)
			Trees and power lines blown down.						
Jefferson County									
Hazen	28	1610EST			0	0	3K		Thunderstorm Wind (G50)
			Trees down.						
Washington County									
Washington	28	1856EST			0	0			Hail (1.00)
Fayette County									
Uniontown to 1 S Uniontown	29	1624EST			0	0			Hail (0.88)
Fayette County									
Uniontown	29	1639EST			0	0			Hail (1.00)
<u>PUERTO RICO</u>									
North Central									
Vega Alta	03	1735AST 1935AST			0	0			Heavy Rain
			Small stream Machuchal in the Vega ALta municipality was reported out of its banks.						
Northeast									
Naguabo	04	1600AST 1900AST			0	0			Flash Flood
			Road 192 from Naguabo to the the El Yunque rainforest was reported flooded and impassable.						
Northeast									
Naguabo	04	1642AST 1900AST			0	0			Flash Flood
			Road 973 at El Duke sector in Naguabo was reported flooded and impassable. Highway 3 from Naguabo towards Daguao was reported flooded and impassable.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PUERTO RICO									
Northeast									
Fajardo	04	1650AST 1900AST			0	0			Flash Flood
									Highway 3 towards Ceiba was reported flooded and impassable. A moist southeast wind flow prevailed across Puerto Rico on Sunday and combined with local diurnal effects to produce scattered showers and thunderstorms mainly during the afternoon. The heaviest rain occurred over the northeast section between Naguabo...Ceiba and Fajardo municipalities where the Doppler radar rainfall estimates indicated over four inches of rain in localized areas. This caused a rapid rise of River Fajardo.
Mayaguez And Vicinity									
Hormigueros	11	1300AST 1700AST			0	0	9K		Flash Flood
									Street and road flooding was reported in the municipality of Hormigueros. Three homes were flooded at Barrio Jaguita, Lavadero and Estancias del Rio. Roads Guamani, 104, 3, 346, 114 were reported flooded. Strong showers and thunderstorms developed across the west and southwest section of Puerto Rico during the early afternoon in response to an upper level trough that was approaching from the east. The interaction of the trough with local effects enhanced shower and thundersorm development.
San Juan And Vicinity									
San Juan	12	1400AST 1700AST			0	0			Heavy Rain
									Off duty National Weather Service employees reported urban flooding in San Juan near the entrance to the Minillas Tunnel and in some sections of Levittown.
San Juan And Vicinity									
Catano	12	1520AST 1820AST			0	0			Heavy Rain
									Scattered to numerous showers and isolated thunderstorms occurred over parts of the San Juan metropolitan area causing periods of heavy rainfall and some urban and street flooding in the Catano municipality. . Amparo, Nueva and Gomez streets were flooded in Barriada Juana Matos. The wetland along road 5 in front of Puente Blanco neighborhood was close to overflowing its banks. Atalaya and Reparto streets were reported flooded. Showers and isolated thunderstorms...some with very heavy rain affected the San Juan metro and adjacent areas. Periods of heavy rainfall and some urban flooding were reported in a few areas.
Northeast									
Naguabo	13	1640AST 1900AST			0	0			Heavy Rain
									Road 31 was reported flooded and impassable at Sector La Fe in the Naguabo municipality.
PRZ011									
Southwest	13	1650AST			0	0	1K		Strong Wind
									Downed trees and power lines were reported in the Cabo Rojo municipality as thunderstorms moved through the area.
San Juan And Vicinity									
San Juan	13	1655AST 1705AST			0	0			Heavy Rain
									Road 849 at Barrio Santo Domingo in Rio Piedras was reported flooded at km 1.7.
San Juan And Vicinity									
Trujillo Alto	13	1655AST 1900AST			0	0			Heavy Rain
									Road flooding was reported near Villa Capri in Trujillo Alto, just before the new bridge.
PRZ009									
Western Interior	14	1457AST			0	0	5K		Strong Wind
									Downed trees were reported along road 111 towards Lares, Barrio Los Angeles. A tree fell on top of an automobile. Isolated strong thunderstorms affected the San Sebastian...Adjuntas and Lares sectors producing gusty winds and heavy rains.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>PUERTO RICO</u>									
Mayaguez And Vicinity Mayaguez	15	1436AST 1445AST	0.5	3	0	0	30K		Tornado (F0)
Mayaguez City emergency managers reported a tornado touched down at the SAM's parking lot at the Western Plaza in Mayaguez. The funnel cloud originated inland near Cerro Las Mesas and traveled west towards Barrio El Mani. One tree was uprooted and one automobile was damaged. The winds tossed several shopping carts around.									
Northwest Aguadilla	16	1536AST			0	0	4K		Heavy Rain
Street and home flooding was reported at Barriada Estevez in Aguadilla. A low to mid level trough moved across Puerto Rico and scattered showers and isolated thunderstorms with heavy rain.									
Ponce And Vicinity Penuelas	20	0715AST 0900AST			0	0			Heavy Rain
Highway 2 in Penuelas was reported flooded.									
Ponce And Vicinity Ponce	20	0715AST 0900AST			0	0			Heavy Rain
Highway 2 along Balneario El Tuque, and road in front of Mercedita airport, were reported flooded. Numerous showers and thunderstorms trailing behind a tropical wave across the Mona Passage generated heavy rains across the southern municipalities of Puerto Rico.									
Northwest Aguadilla	20	1418AST 1803AST			0	0			Heavy Rain
Urban flooding was reported at Vista Verde neighborhood.									
Northwest Aguadilla	20	1514AST 1803AST			0	0			Heavy Rain
Urban and street flooding was reported along Progreso, Betances, Munoz Rivera, Llano Jimenez streets.									
Northwest Aguadilla	20	1603AST 1803AST			0	0			Heavy Rain
A flooded road was reported at Montebru sector in front of Walgreens.									
Northeast Fajardo	20	1920AST 2120AST			0	0			Heavy Rain
Urban and street flooding was reported along Union and Marcelo Gotay streets.									
Northeast Naguabo	20	2135AST 2235AST			0	0			Heavy Rain
Road 31 at La Pitina sector in Naguabo was reported flooded and impassable A tropical wave over Hispaniola produced an area of rain and showers that extended across eastern Puerto Rico during the evening hours.									
Northwest Aguadilla	21	1225AST 1530AST			0	0			Heavy Rain
Urban flooding was reported.									
Northwest Isabela	21	1225AST 1530AST			0	0			Heavy Rain
Urban flooding was reported.									
Northwest Quebradillas	21	1320AST 1520AST			0	0			Heavy Rain
Urban and street flooding was reported in Barrio Cacao and Parcelas Grandes.									
San Juan And Vicinity San Juan	21	1430AST 1645AST			0	0			Heavy Rain
Urban and street flooding was reported along Bechara sector in Puerto Nuevo and in Las Americas neighborhood in Rio Piedras									

Storm Data and Unusual Weather Phenomena

June 2006

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

Southeast

Yabucoa

22	0820AST 0920AST				0	0			Flash Flood
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Small stream was reported flooding highway 3 in Yabucoa.

Southeast

Maunabo

22	0835AST				0	0			Heavy Rain
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River Maunabo level was reported high but within its banks.

PRZ003

Southeast

22	0910AST				0	0			Landslide
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A landslide was reported along Highway 3, La Pica sector in Yabucoa.

San Juan And

Vicinity

Trujillo Alto

22	1445AST 1645AST				0	0			Heavy Rain
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Urban and street flooding was reported in Trujillo Alto along road 850,188, Villa Trujillo Alto, and Orocovis street. Small stream Betania Final was reported out of its banks.

San Juan And

Vicinity

Guaynabo

29	1326AST 1526AST				0	0			Heavy Rain
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Urban and street flooding reported along road 834.

Eastern Interior

Caguas

29	1331AST 1526AST				0	0			Heavy Rain
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Urban and street flooding was reported along Highway 1 near Flamingo Motel.

Tropical wave was moving west across Puerto Rico generating scattered showers and isolated thunderstorms.

RHODE ISLAND

Providence County

Cranston

07	1100EST				0	0			Flood
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10 0600EST

Pawtuxet River

Providence County

Countywide

07	1150EST 1550EST				0	0	20K		Flood
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Newport County

Middletown

07	1200EST 1330EST				0	0	10K		Flood
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Bristol County

Bristol

07	1215EST 1345EST				0	0	5K		Flood
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A late season coastal storm brought heavy rain to Rhode Island, which resulted in widespread flooding in Providence County as well as near Narragansett Bay. Storm total rainfall averaged 2 to 4 inches.

In the city of Providence, flooding closed Valley Street at Atwells Avenue. A car was submerged on Charles Street, and the driver had to be rescued from the flood waters. Flooding was also reported in Burrillville and Cumberland.

Three roads were closed due to flooding in Middletown. Chestnut Street and Hope Avenue in Bristol were also closed because of flooding.

The Pawtuxet River at Cranston went into moderate flood, and crested at 12.57 feet at 415 pm EDT on June 8. Flood stage is 9 feet.

Providence County

Woonsocket

20	1350EST				0	0	5K		Thunderstorm Wind (G50)
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Providence County

Providence

20	1640EST				0	0	25K		Thunderstorm Wind (G50)
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Providence County

Cumberland

20	2015EST				0	0			Hail (0.75)
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Providence County

Smithfield

20	2020EST				0	0	50K		Lightning
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A severe thunderstorms brought down large branches in Woonsocket.

Storm Data and Unusual Weather Phenomena

June 2006

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

Later in the afternoon, another severe thunderstorm brought down wires in Providence, and blew down scaffolding at the state capitol building. Penny sized hail was reported with another storm in Cumberland.

In Smithfield, lightning struck a house and ignited a fire in the attic.

Providence County Woonsocket

23	1420EST				0	0	15K		Thunderstorm Wind (G50)
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Severe thunderstorm winds brought down three large trees and a telephone pole on South Main Street and Roberta Street in Woonsocket.

SOUTH CAROLINA, Central

Orangeburg County Wolfton to 3 N North

02	2040EST				0	0		0	Thunderstorm Wind (G55)
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Tri County Electric reported powerlines down from Wolfton to North.

Calhoun County 8 WSW St Matthews

02	2042EST				0	0	0	0	Thunderstorm Wind (G55)
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Sheriff reported a couple of trees down on Kennerly and Murph Mill roads.

Sumter County 4 S Sumter

04	2249EST				0	9	0	0	Hail (0.75)
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Walters Care Facility reported penny size hail and strong winds with small limbs down.

Barnwell County Barnwell

02	2100EST				0	0	2K	0	Lightning
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Lightning struck the Barnwell Communications Center doing about 2 thousand dollars in damage to equipment.

Lancaster County 2 ESE Heath Spgs

11	1730EST				0	0	0	0	Thunderstorm Wind (G55)
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Highway Dept. reported a couple of trees down in the Heath Springs area on hwy 341.

Lancaster County 7 SSW Lancaster

11	1740EST				0	0	60K	0	Thunderstorm Wind (G65)
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A downburst down trees on the Ghent family home on Major Evans Road. Trees fell on the home and started a fire which significantly damaged the home.

Richland County Columbia

12	1838EST				0	0	1.5M	0	Lightning
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Lightning struck a tree and ran through the ground into the home starting a fire in the home in the Woodcreek Farms Subdivision.

Chesterfield County 5 S Cheraw

12	1342EST				0	0	0	0	Hail (0.75)
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Highway Dept. reported 3/4 inch hail on US Hwy 52.

Chesterfield County 5 S Cheraw

12	1430EST				0	0	0	0	Hail (0.75)
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Forestry Commission reported 3/4 inch hail at Cheraw State Park.

Kershaw County Bethune to 2 S Bethune

12	1500EST 1502EST				0	0		0	Thunderstorm Wind (G55)
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Highway Dept. reported a couple of trees, many large branches, and some powerlines down with power failures.

Fairfield County 7 NE Ridgeway

12	1622EST				0	0			Hail (1.00)
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SKYWARN spotter reported quarter size hail.

Kershaw County 5 S Camden

12	1635EST				0	0		0	Thunderstorm Wind (G65)
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Sheriff reported numerous trees and powerlines down.

Lexington County 8 NE Lexington

12	1653EST				0	0	0	0	Thunderstorm Wind (G55)
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SKYWARN spotter reported a couple of trees down at hwy 6 and Bush River Road.

Richland County 4 S Columbia

12	1720EST				0	0		0	Thunderstorm Wind (G65)
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Sheriff reported numerous trees down on Shop Road.

Aiken County 1 SE Aiken

12	1817EST				0	0	0	0	Thunderstorm Wind (G60)
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Sheriff reported several trees down on Shilow Church Road.

Storm Data and Unusual Weather Phenomena

June 2006

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 CAROLINA, Central</u>									
Clarendon County									
5 WNW Summerton	20	1435EST			0	0	0	0	Hail (0.75)
			Panola Recycling Center reported 3/4 inch hail.						
Orangeburg County									
Elloree	20	1635EST			0	0			Hail (1.75)
			Public reported golfball size hail.						
Orangeburg County									
Elloree to 5 S Elloree	20	1635EST 1640EST			0	0	0		Thunderstorm Wind (G60)
			Emergency Manager reported roof torn off mobile home at US301 and hwy 47. Several trees were down on homes, a mobile home was rolled over, and a shed was damaged.						
Calhoun County									
3 SSE St Matthews	20	1730EST			0	0	0		Hail (0.88)
			Calhoun Country Club reported nickel size hail.						
Lexington County									
6 NE Gaston	21	1430EST			0	0	0	0	Hail (0.75)
			Public reported 3/4 inch hail at the Pitt Stop store on I-26 at exit 119.						
Calhoun County									
16 NW St Matthews to 16 N St Matthews	21	1436EST			0	0	0	0	Hail (0.75)
			Highway Patrol reported penny size hail on I-26 near exit 125.						
Richland County									
2 SE Columbia	21	1558EST			0	0	0		Thunderstorm Wind (G60)
			The State Newspaper reported that trees and powerlines were down on Wheat St. with power outages.						
Richland County									
10 N Eastover	21	1600EST			0	0	0	0	Thunderstorm Wind (G55)
			SKYWARN spotter reported one tree and large limbs down.						
Chesterfield County									
6 ESE Mc Bee	21	1650EST			0	0			Hail (1.00)
			SKYWARN spotter reported quarter size hail near Lake Robinson.						
Bamberg County									
4 NNE Denmark	21	1700EST			0	0	0		Thunderstorm Wind (G65)
			Sheriff reported numerous trees down near and north of Denmark, including Shilly road.						
Barnwell County									
2 SSW Blackville	21	1717EST			0	0			Hail (1.00)
			Public reported nickel to quarter size hail at Barnwell State Park.						
Orangeburg County									
Bowman	21	1830EST			0	0	0	0	Thunderstorm Wind (G55)
			Sheriff reported a couple of trees down in Bowman.						
<u>SOUTH CAROLINA, North Coastal</u>									
Florence County									
1 W Florence to 5 SW Florence	08	1745EST			0	0			Hail (0.88)
			Nickel size hail was reported at Traces Golf Club. Hail was also reported southwest of Florence, along with strong winds that blew several 6-8 inch diameter trees down south of the intersection of Us Hwy 76 and Interstate 95.						
Florence County									
1 SW Florence	08	1806EST			0	0			Thunderstorm Wind (G60)
			Several trees and power lines were blown down in the Oakdale section of Florence.						
Williamsburg County									
3 W Andrews	08	1815EST			0	0	15K		Hail (0.75)
			Penny size hail damaged crops in the town of Earle.						
Horry County									
Longs	08	1911EST			0	0			Hail (1.00)
			Quarter size hail fell at the fire station.						
Horry County									
Little River	08	1920EST			0	0			Thunderstorm Wind (G53)
			There was a 61 mph measured gust at the fire station. Nickel size hail was also reported.						

Storm Data and Unusual Weather Phenomena

June 2006

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 CAROLINA, North Coastal</u>									
Williamsburg County 5 NW Andrews	08	2135EST			0	0			Hail (0.75)
Marlboro County 5 NW Bennettsville	11	1635EST			0	0			Thunderstorm Wind (G55)
Trees down near the intersection of SR 9 and SR 79.									
Marlboro County Mc Coll	11	1658EST			0	0	10K		Thunderstorm Wind (G55)
Large tree fell on a car.									
Marlboro County Mc Coll to Clio	12	1341EST			0	0			Hail (0.75)
Penny size hail was reported.									
Darlington County Society Hill to 2 SW Society Hill	12	1403EST 1408EST			0	0			Hail (1.75)
Penny size hail was reported in town, with golfball size hail reported on Hwy 52.									
Darlington County 4 SE Society Hill	12	1430EST			0	0			Hail (1.75)
Golfball size hail was reported on Lumber Rd.									
Darlington County Darlington	12	1530EST			0	0			Hail (0.75)
Penny size hail fell.									
Florence County Florence	12	1755EST			0	0			Hail (0.88)
Nickel size hail was reported.									
Florence County Florence	12	1850EST			0	1	200K		Lightning
Lightning started several fires that affected five homes. One person was injured. Nickel size hail was also reported.									
Darlington County 4 S Society Hill	20	1641EST			0	0			Hail (1.75)
Golfball size hail fell.									
Darlington County 6 N Darlington	20	1705EST			0	0			Hail (0.75)
Penny size hail fell.									
Darlington County 5 SW Society Hill	21	1655EST			0	0			Thunderstorm Wind (G50)
The AWOS at the Darlington Jetport measured a 58 mph wind gust.									
Marlboro County 1 S Blenheim	21	1710EST			0	0			Thunderstorm Wind (G60)
Trees down.									
Dillon County Latta	21	1731EST			0	0			Thunderstorm Wind (G60)
Trees and power lines were blown down.									
Darlington County 3 NW Darlington to 1 NW Darlington	21	1733EST 1735EST			0	0			Thunderstorm Wind (G65)
Power lines were blown down, and one pole was snapped. Further east, more telephone poles were down, along with a penny size hail.									
Marion County Sellers	21	1750EST			0	0			Thunderstorm Wind (G60)
Several trees were blown down.									
Florence County Timmonsville	21	1830EST			0	0			Hail (1.00)
Nickel to quarter size hail was reported.									
<u>SOUTH CAROLINA, Northwest</u>									
Greenwood County 1 NW Greenwood	02	1217EST			0	0			Hail (1.75)
Golfball size hail on Montague Ave.									

Storm Data and Unusual Weather Phenomena

June 2006

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 CAROLINA, Northwest</u>									
York County Mc Connells	02	1225EST			0	0			Hail (0.88)
York County Mc Connells	02	1225EST			0	0			Thunderstorm Wind (G50)
			A satellite dish and flag pole were blown down.						
Greenville County Travelers Rest	02	1820EST			0	0			Hail (0.75)
Pickens County 1 W Easley	02	1825EST			0	0			Thunderstorm Wind (G50)
			Spotter reported 3 to 4 trees down on Brushy Creek Rd.						
Cherokee County 3 S Gaffney	02	2010EST			0	0			Hail (0.75)
			Reported on Union Highway.						
Greenville County Tigerville	11	1515EST			0	0			Thunderstorm Wind (G50)
			North Greenville College DPS reported several large limbs and a few trees blown down around campus.						
Cherokee County 4 NW Blacksburg	11	1545EST			0	0			Thunderstorm Wind (G50)
			Trees down near the intersection of highways 5 and 18.						
Cherokee County 10 SE Gaffney	11	1722EST			0	0			Thunderstorm Wind (G50)
			Trees down.						
Greenville County 2 SE Tigerville	12	1305EST			0	0			Hail (0.88)
Cherokee County 9 S Gaffney	12	1340EST			0	0			Hail (0.75)
Spartanburg County 4 W Spartanburg	12	1412EST			0	0			Hail (0.88)
			Nickel size hail near the intersection of highway 29 and Interstate 26.						
Greenville County 7 N Tigerville	12	1413EST			0	0			Hail (1.00)
			Quarter size hail near the state line north of Tigerville.						
Union County 6 ENE Union	12	1425EST			0	0			Hail (1.00)
York County 9 W Mc Connells	12	1430EST			0	0			Thunderstorm Wind (G50)
			Large tree limbs blown down.						
Chester County 11 WNW Chester	12	1437EST			0	0			Hail (0.75)
Laurens County 3 SSW Joanna	12	1510EST			0	0			Thunderstorm Wind (G60)
			Part of the roof blown off of a barn.						
Laurens County 3 SSW Joanna	12	1510EST			0	0			Hail (1.00)
Anderson County 1 S Iva	12	1525EST			0	0			Hail (0.75)
Abbeville County Donalds	12	1527EST			0	0			Thunderstorm Wind (G50)
			Two trees down. One fell on a power line on highway 184 near Donalds.						
Greenwood County 3 SW Ware Shoals	12	1537EST			0	0			Thunderstorm Wind (G50)
			One large tree and several small limbs down.						
Spartanburg County Spartanburg	22	1725EST			0	0			Thunderstorm Wind (G60)
			Numerous trees and power lines blown down and some roof damage, mainly in the southwest and south part of the city.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, Northwest</u>									
Anderson County									
4 S Anderson	22	1845EST			0	0			Hail (0.75)
			Dime size hail near the intersection of highway 81 and Masters Blvd.						
Anderson County									
Belton	22	1945EST			0	0			Thunderstorm Wind (G55)
			Trees and power lines down in several locations around Belton.						
Cherokee County									
11 NW Gaffney	23	1300EST			0	0			Thunderstorm Wind (G50)
			Two trees blown down.						
Spartanburg County									
Chesnee	23	1315EST			0	0			Hail (0.75)
Spartanburg County									
7 WSW Chesnee	23	1350EST			0	0			Thunderstorm Wind (G50)
			Two pine trees blown down.						
Greenville County									
5 NNW Greer	23	1435EST 1444EST			0	0			Hail (0.75)
			Hail lasted about 10 minutes.						
Greenville County									
3 W Taylors	23	1458EST			0	0			Hail (1.00)
			Quarter size hail in the Pebble Creek area.						
Spartanburg County									
4 W Inman	23	1446EST			0	0			Thunderstorm Wind (G55)
			Eight trees down at a residence west of Inman.						
Spartanburg County									
2 ENE Landrum	23	1455EST			0	0			Hail (0.75)
Spartanburg County									
Pacolet	23	1555EST			0	0			Hail (0.88)
Spartanburg County									
Spartanburg	23	1600EST			0	0			Heavy Rain
			Torrential rain from a thunderstorm caused some urban flooding in Inman, especially on Park Rd, which was covered with over a foot of water at Asheville highway and E Street.						
Anderson County									
Anderson	23	1635EST			0	0			Thunderstorm Wind (G55)
			Numerous trees blown down around the city and out in the county.						
Greenville County									
9 S Fork Shoals	23	1640EST			0	0			Thunderstorm Wind (G50)
			Two trees down on highway 76 near the Laurens County line.						
Laurens County									
8 WNW Laurens	23	1650EST			0	0			Thunderstorm Wind (G50)
			Several trees down in the Greenpond Rd area.						
Laurens County									
Laurens	23	1715EST			0	0			Thunderstorm Wind (G55)
			Quite a few trees down in the Laurens area.						
Union County									
Jonesville	23	1725EST			0	0			Thunderstorm Wind (G55)
			Quite a few trees down and minor roof damage to a home in Jonesville.						
Laurens County									
Laurens	23	1745EST 1900EST			0	0			Heavy Rain
			Torrential rain from a thunderstorm caused the Little River to rise rapidly and briefly flood the bridge on Main St. Also, N. Harper St was closed for a little while at an intersection due to poor drainage flooding.						
Greenville County									
Greenville	26	0445EST 0530EST			0	0			Flash Flood
			Flash flooding on Brushy Creek, along with severe urban flooding, prompted closure of several roads, including the bridge over Boiling Springs Rd, Devenger Rd, and Lake Fairfield Dr. The worst flooding was on Lake Fairfield Dr, where water entered at least 2 homes.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, Northwest</u>									
SCZ006									
Greater Greenville	26	0900EST			0	0			Landslide
	NWS survey team reported a significant debris flow in the Jones Gap State Park area of northern Greenville County. The debris flow carried numerous trees, boulders and other debris for several hundred yards.								
Pickens County									
Pickens	26	0945EST 1230EST			0	0	50K		Flash Flood
	Severe urban and poor drainage flooding and some stream flooding developed in Pickens when 8 to 10 inches fell across the county in about an 8 hour period. Several roads were closed in an around the city, including highway 178 North. Water entered several businesses along this section of 178, apparently due to flooding along Towne Creek. Other closed roads included City Lake Rd, Hollingsworth Rd, and Runymeade Rd. The Pickens flea market flooded to depths of 5 feet as rapid runoff from heavy rain collected in this low lying area. Highway 183 was also flooded near the flea market.								
Oconee County									
Walhalla to 8 S Walhalla	26	1000EST 1230EST			0	0	25K		Flash Flood
	Levi Lane, Debra Lane, and Seed Farm Road were all washed out, and numerous other roads were closed due to flooding, mainly in areas from Walhalla south to between Seneca and Westminster. Most of the flooding was due to poor drainage, but some of it was likely due to flooding streams. Closed roads included E Halfway Branch, Antebellum, Avondale, Mauldin Mill, Sertoma Field, and Camp.								
Chester County									
7 WNW Chester	26	1500EST			0	0			Thunderstorm Wind (G55)
	Seven trees down, some uprooted, some snapped off approximately 8 feet from the ground on Yarborough Rd and West Chester School Rd.								
York County									
Rock Hill	26	1900EST			0	0			Heavy Rain
	A detention pond at a construction site in the southwest part of the city overflowed when over 3 inches of rain fell in several hours. This resulted in significant flooding of several yards, with water a couple of feet deep, on Ogden Rd in the southwest part of the city.								
Pickens County									
Central Portion	26 27	2300EST 0400EST			0	0			Flood
	Twelvemile Creek flooded during the late evening and early morning hours, as runoff from the days heavy rain across the mountains worked its way through the water system. The creek flooded the Pickens flea market with more than 5 feet of water for the second time in a 12 hour period. Also, Maw Bridge over highway 337 and highway 158 were flooded and closed due to high water from the creek.								
<u>SOUTH CAROLINA, South Coastal</u>									
Allendale County									
2 W Barton	02	2109EST			0	0	0.50K		Thunderstorm Wind (G50)
	Tree damage at hunting lodge.								
Dorchester County									
2 S Summerville	04	2115EST			0	0	0.50K		Thunderstorm Wind (G50)
	Top part of tree broken off with a few smaller limbs down on Ladson Road.								
Hampton County									
Estill	11	2000EST			0	0	5K		Thunderstorm Wind (G50)
	Power lines down near intersection of Highway 321 and 5th St. in Estill.								
SCZ040-042>045-047>050									
									Thunderstorm Wind (G50)
	13	0400EST			0	0			Tropical Storm
	14	0400EST							
	Tropical Storm Alberto formed off the western tip of Cuba and moved north into the northeast Gulf of Mexico June 12th. Alberto made landfall in the Florida Big Bend on the 13th and the remnants moved north into Southern Georgia. Tropical storm force winds affected the South Carolina coast late on the 13th into the morning of the 14th. Winds were as strong as 40 mph in many locations mainly near the coast. Rainfall totaled 2 to 4 inches across portions of southeast South Carolina. As the storm system crossed the Midlands, rainbands produced 5 F0 tornadoes 3 of which were in Charleston County. Storm affects to the coast were minimal.								
Hampton County									
Hampton	13	0945EST			0	0	2K		Thunderstorm Wind (G50)
	Trees and power lines down.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>SOUTH CAROLINA, South Coastal</u>									
Beaufort County									
Laurel Bay	13	1330EST	0.1	10	0	0			Tornado (F0)
	Emergency Manager reports brief touchdown with no damage.								
Charleston County									
1 WSW Charleston to 1.2 W Charleston	13	1705EST	1	30	0	0	3K		Tornado (F0)
	NWS damage survey confirms brief F0 tornado touch down near the Medical University of South Carolina Hospital. Storm track was 1 mile long with tornado path 30 yards. Tree damage was observed at the MUSC Hospital parking lot as well as numerous cars damaged from flying debris at the hospital and nearby hotel parking lot. The tornado crossed Highway 17 and produced additional tree damage off Lockwood Blvd and damaged police cars at the Charleston Police station motorpool. Winds estimated at 60 to 70 mph.								
Charleston County									
3 S Awendaw to 3 SSW Awendaw	13	1850EST	1.5	30	0	0	0.50K		Tornado (F0)
	NWS storm survey confirmed F0 tornado touch down near Doar Road and Wilson Cemetary Road. Path Length was 1.5 miles and path width was 30 yards. Tornado track was from Bulls Bay, crossed the Intercoastal Waterway, and into Charleston County near the Sewee Coastal Retreat Center. Numerous trees damaged and uprooted. Winds estimated to be 60 to 70 mph.								
Charleston County									
Lincolnvile	13 14	2310EST 2310EST	0.2	100	0	0	5K		Tornado (F0)
	NWS damage survey determined F0 tornado touched down near the intersection of Pickens and Lincolnvile Roads. Survey determined winds 60 to 70 mph. Path length of 1/4 mile long with path width of 100 yards. Tree damage was found along with minor house damage.								
Berkeley County									
Cross	13	2334EST	0.7	150	0	1	20K		Tornado (F0)
	NWS damage survey confirms F0 tornado touchdown near the intersection of Mudville Road and Highway 311. Path was 3/4 mile long and path width was 150 yards wide. There was tree damage, damage to a house, a shed was destroyed, and damage to a carport. Injury occured when a large tree limb dropped onto car. Wind speeds are estimated at 60 to 70 mph.								
Dorchester County									
1 W Summerville	20	1830EST			0	0	1K		Thunderstorm Wind (G50)
	Large tree limbs down.								
Dorchester County									
Summerville	20	1832EST			0	0			Hail (0.88)
Dorchester County									
3 W Summerville	20	1833EST			0	0			Hail (0.88)
Dorchester County									
Knightsville	20	1834EST			0	0			Hail (0.88)
Colleton County									
2 N Smoaks	21	1825EST			0	0			Hail (0.75)
Dorchester County									
Reevesville	21	1825EST			0	0	2K		Thunderstorm Wind (G50)
	Trees down.								
Dorchester County									
St George	21	1830EST			0	0	2K		Thunderstorm Wind (G50)
	Tree down on powerline.								
Allendale County									
2 SE Allendale	21	1906EST			0	0	2K		Thunderstorm Wind (G50)
	Large tree down on Bluff Road.								
Hampton County									
Gifford	21	1919EST			0	0	2K		Thunderstorm Wind (G50)
	Trees down.								
Hampton County									
Luray	21	1924EST			0	0	2K		Thunderstorm Wind (G50)
	Trees down.								
Berkeley County									
Moncks Corner	25	1212EST			0	0			Heavy Rain
	Estimated 3 to 4 inches rainfall. 6 inches standing water on Broughton Road near the High School.								

Storm Data and Unusual Weather Phenomena

June 2006

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 CAROLINA, South Coastal</u>									
Hampton County 4 SW Hampton	26	1405EST			0	0	2K		Thunderstorm Wind (G50)
			Tree down on powerline on Highway 363,						
Colleton County Green Pond	28	1520EST			0	0	2K		Thunderstorm Wind (G50)
			Trees down along Catholic Hill Road.						
Colleton County Cottageville	28	1530EST			0	0	10K		Thunderstorm Wind (G50)
			Numerous trees and large limbs down in town.						
Hampton County Hampton	28	1405EST			0	0	10K		Thunderstorm Wind (G50)
			Tree down on a house in Hampton. Other tree down just outside of Hampton and in Brunson.						
Dorchester County Summerville	28	1610EST			0	0	2K		Thunderstorm Wind (G50)
			Trees down along Old Trolley Rd.						
<u>SOUTH DAKOTA, Central and North</u>									
SDZ003>005- 009>010-015>017- 033>037-045-048-051			Corson - Campbell - Mcpherson - Walworth - Edmunds - Dewey - Potter - Faulk - Stanley - Sully - Hughes - Hyde - Hand - Jones - Lyman - Buffalo						
	01	0000CST			0	0			Drought
	30	2359CST							
			Drought conditions expanded in coverage and increased in intensity across central and north central South Dakota through June. Severe drought (D2) conditions expanded across the region with extreme drought (D3) conditions developing across north central South Dakota by mid June. The extreme drought conditions expanded southward into central South Dakota by the end of June. Precipitation deficits by the end of the month were from 2 to 2.50 inches below normal. Water supplies and agriculture were greatly affected. Many crops were rated as poor to very poor. Ranchers were affected by the short grasses on the pastureland and the fire danger was also a problem through June with several fires occurring.						
Hyde County 24 N Holabird	03	1645CST			0	0			Hail (0.88)
Faulk County 8 SSW Seneca	03	1700CST			0	0			Hail (1.00)
Sully County 18 E Agar	03	1720CST 1740CST			0	0			Hail (0.88)
Hyde County 16 N Holabird	03	1725CST 1755CST			0	0			Hail (1.75)
Hyde County 10 N Holabird	03	1800CST			0	0			Hail (1.75)
Hyde County 7 N Holabird	03	1800CST			0	0			Hail (1.75)
Hyde County 3 N Holabird	03	1810CST			0	0			Hail (1.25)
Hyde County 10 N Holabird	03	1830CST			0	0			Hail (0.88)
Potter County Hoven	03	1840CST			0	0			Hail (0.75)
Hyde County Northwest Portion	03	1930CST 2230CST			0	0			Flash Flood
			Heavy rainfall of 3 to 5 inches caused flash flooding in northwest Hyde county washing out several roads.						
Sully County 19 WNW Onida	03	2000CST			0	0			Hail (1.75)
Potter County 1 W Gettysburg	03	2030CST			0	0			Hail (0.88)
Sully County 15 ESE Onida	03	2030CST			0	0			Hail (1.25)

Storm Data and Unusual Weather Phenomena

June 2006

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, Central and North

Hand County									
6 SSW Ree Hgts	04	0010CST			0	0			Hail (0.88)
Hand County									
6 SSW Ree Hgts	04	0010CST			0	0			Thunderstorm Wind (G52)
			Strong winds downed some large tree branches.						
Day County									
3 S Pierpont	04	1900CST			0	0			Hail (0.75)
Brown County									
3 E Ferney	04	2020CST			0	0			Hail (0.75)
Brown County									
3 NE Verdon	04	2055CST			0	0			Hail (0.75)
Hand County									
6 S St Lawrence	05	1405CST			0	0			Hail (0.88)
Hand County									
7 N Danforth	05	1428CST			0	0			Hail (0.88)
Hand County									
11 S Vayland	05	1446CST			0	0			Hail (0.88)
Marshall County									
5 N Hillhead	05	1855CST			0	0			Hail (1.75)
Marshall County									
3 N Veblen	05	1906CST			0	0			Hail (0.88)
Roberts County									
4 N Rosholt	05	1956CST			0	0			Hail (0.75)
Edmunds County									
5 E Ipswich	13	1245CST			0	0			Hail (0.88)
Brown County									
Warner	13	1252CST			0	0			Hail (0.88)
Edmunds County									
Mina	13	1258CST			0	0			Hail (1.00)
Edmunds County									
8 SW Mina	13	1305CST			0	0			Hail (1.25)
Day County									
4 E Lily	13	1330CST			0	0			Hail (0.88)
Day County									
3 SE Lily	13	1335CST			0	0			Hail (1.75)
Edmunds County									
9 SE Ipswich	13	1337CST			0	0			Hail (0.88)
Day County									
Lily	13	1340CST			0	0			Hail (1.75)
Codington County									
4 NW Wallace	13	1355CST			0	0			Hail (1.00)
Clark County									
6 NE Bradley	13	1400CST			0	0			Hail (1.00)
Codington County									
3 E Wallace	13	1400CST			0	0			Hail (0.88)
Codington County									
Wallace	13	1400CST			0	0			Hail (0.88)
Codington County									
2 N Wallace	13	1400CST			0	0			Hail (1.25)
Codington County									
4 N Wallace	13	1402CST			0	0			Hail (1.00)
Codington County									
Wallace	13	1405CST			0	0			Hail (1.00)
Codington County									
3 N Wallace	13	1424CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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

Deuel County 6 N Altamont	13	1430CST			0 0		Hail (1.00)
Grant County 6 S Strandburg	13	1430CST			0 0		Hail (1.00)
Grant County 2 S Troy	13	1430CST			0 0		Hail (0.75)
Deuel County 3 N Altamont	13	1441CST			0 0		Hail (1.00)
Deuel County 3 N Altamont	13	1443CST			0 0		Hail (0.88)
Hyde County 5 NNW Stephan	13	1626CST			0 0		Hail (0.88)
Hyde County 1 NE Stephan	13	1643CST			0 0		Hail (0.75)
Campbell County 4 NE Artas	14	0140CST			0 0		Hail (1.25)
Mcperson County 9 N Eureka	14	0200CST			0 0		Hail (0.75)
Mcperson County 14 E Hillsview	14	0312CST			0 0		Hail (2.50)
Dewey County 8 E La Plant	14	0326CST			0 0		Hail (1.75)
Mcperson County 16 S Long Lake	14	0330CST			0 0		Hail (1.75)
Edmunds County 9 N Ipswich	14	0345CST 0430CST			0 0		Hail (0.75)
Edmunds County 10 N Ipswich	14	0350CST 0430CST			0 0		Hail (1.75)
Hail from penny to golfball size fell for almost 45 minutes.							
Potter County 11 ENE Gettysburg	14	0400CST			0 0		Hail (0.75)
Edmunds County 10 N Ipswich	14	0430CST 0530CST			0 0		Flash Flood
Heavy rains of 3 to 5 inches flooded several roads and fields 10 miles north of Ipswich.							
Spink County 5 ESE Conde	14	0556CST			0 0		Hail (1.25)
Clark County 5 WNW Crocker	14	0600CST			0 0		Hail (1.00)
Grant County 4 NW Milbank	14	0630CST			0 0		Hail (0.75)
Mcperson County 8 SSW Leola	14	0805CST			0 0		Hail (0.88)
Edmunds County 10 N Ipswich	14	0810CST			0 0		Hail (0.75)
Spink County 11 W Turton	14	0830CST			0 0		Hail (0.75)
Hand County 6 SE Vayland	14	0930CST			0 0		Hail (0.75)
Clark County Clark	14	1025CST			0 0		Thunderstorm Wind (G52)
Sixty mph winds downed several large branches.							
Clark County 9 WNW Clark	14	1245CST			0 0		Hail (1.00)

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					Killed	Injured	Property	Crops	
SOUTH DAKOTA, Central and North									
Clark County									
Clark	14	1304CST			0	0			Hail (0.88)
Codington County									
Henry	14	1332CST 1342CST			0	0			Hail (0.75)
Clark County									
6 N Naples	14	1333CST			0	0			Hail (1.00)
Hamlin County									
7 ENE Thomas	14	1415CST			0	0			Hail (0.75)
Mcperson County									
9 SSW Leola	14	0430CST 0530CST			0	0			Flash Flood
			Heavy rains of 3 to 5 inches flooded several roads along with many ditches and fields.						
Clark County									
1 NW Raymond	14	1220CST			0	0			Hail (0.88)
Clark County									
Raymond	14	1230CST			0	0			Hail (1.00)
Clark County									
2 NE Raymond	14	1235CST			0	0			Hail (0.88)
Clark County									
5 W Clark	14	1240CST			0	0			Hail (1.75)
Clark County									
3 SE Raymond	14	1245CST			0	0			Hail (1.00)
Clark County									
4 W Clark	14	1250CST			0	0			Hail (1.50)
Clark County									
3 W Clark	14	1300CST			0	0			Hail (1.75)
Clark County									
1 W Clark	14	1300CST			0	0			Hail (1.25)
Clark County									
3 E Clark	14	1300CST			0	0			Hail (0.75)
Clark County									
5 N Naples	14	1320CST			0	0			Hail (1.00)
Clark County									
9 E Clark	14	1328CST			0	0			Hail (1.00)
Codington County									
5 SE Henry	14	1330CST			0	0			Hail (0.88)
Codington County									
3 SW Henry	14	1330CST			0	0			Hail (1.75)
Codington County									
1 S Henry	14	1335CST			0	0			Hail (1.00)
Codington County									
2 S Henry	14	1345CST			0	0			Hail (0.75)
Codington County									
2 SE Henry	14	1346CST			0	0			Hail (1.00)
			Many of the hail reports on the afternoon of the 13th and 14th were collected by the National Severe Storms Laboratory in Norman, Oklahoma.						
Lyman County									
8 WNW Iona	14	2249CST			0	0			Thunderstorm Wind (G61)
			Large branches were downed by high winds.						
Day County									
3 ESE Webster	16	0530CST			0	0			Thunderstorm Wind (G70)
			A wet microburst producing winds of 80 mph or higher took the roof off a house and barn. The barn roof was blown about 300 yards. Also, up to 12-inch diameter tree branches were broken off from several trees.						
Spink County									
7.1 SW Tulare	23	1201CST			0	0			Hail (1.75)

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June 2006

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					Killed	Injured	Property	Crops	
<u>SOUTH DAKOTA, Central and North</u>									
Grant County 2 E Revillo	23	1530CST			0	0			Hail (0.75)
Campbell County 3 NE Herreid	23	1710CST			0	0			Hail (0.75)
Campbell County 8 E Herreid	23	1730CST			0	0			Hail (0.75)
Mcpherson County 6 S Eureka	23	1740CST			0	0			Hail (0.75)
Edmunds County Hosmer	23	1755CST			0	0			Thunderstorm Wind (G52)
		Large branches were downed in Hosmer.							
Edmunds County 4 SE Hosmer	23	1805CST			0	0			Hail (0.75)
Edmunds County 6 SE Hosmer	23	1812CST			0	0			Hail (0.88)
Buffalo County 5 WNW Gann Vly	23	1830CST			0	0			Hail (0.88)
Grant County 2 NE Stockholm	24	1102CST			0	0			Hail (0.88)
Hamlin County Hazel	24	1111CST			0	0			Hail (1.00)
Grant County 1 SE Strandburg	24	1115CST			0	0			Hail (1.00)
Hamlin County 4 E Hayti	24	1127CST			0	0			Hail (0.88)
Deuel County 5 NE Altamont	24	1130CST			0	0			Hail (1.00)
Dewey County 12 ESE Promise	24	1643CST			0	0			Hail (0.75)
Dewey County 15 ESE La Plant to 15.5 ESE La Plant	24	1647CST 1648CST	0.5	10	0	0			Tornado (F0)
		A weak tornado touched down briefly in an open field and caused no damage.							
Potter County 3 WSW Gettysburg to 2 WSW Gettysburg	24	1710CST 1712CST	1	10	0	0			Tornado (F0)
		A weak tornado touched down briefly southwest of Gettysburg in an open area causing no damage.							
Sully County 15 ENE Onida to 15.5 ENE Onida	24	1735CST 1736CST	0.5	10	0	0			Tornado (F0)
		A weak tornado touched down briefly in an open area causing no damage.							
Hyde County 1 N Highmore	24	1810CST			0	0			Hail (0.75)
Hyde County 1 N Highmore	24	1810CST			0	0			Thunderstorm Wind (G61)
Hand County 5 WSW Miller	24	1829CST			0	0			Thunderstorm Wind (G50)
Hand County 11 S Ree Hgts	24	1829CST			0	0			Hail (0.88)
Faulk County 6 NE Cresbard	24	1837CST			0	0			Hail (0.88)
Hand County 6 SW Miller to 6.5 SW Miller	24	1835CST 1838CST	0.5	10	0	0			Tornado (F0)
		A weak tornado touched down southwest of Miller in an open field causing no damage.							
Hand County 6 N Ree Hgts	30	1720CST			0	0			Hail (1.50)

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					Killed	Injured	Property	Crops	
<u>SOUTH DAKOTA, Central and North</u>									
Hand County									
6 NW Miller	30	1730CST			0	0			Hail (0.88)
Buffalo County									
5 NW Ft Thompson	30	1840CST			0	0			Hail (0.75)
Mcperson County									
19 E Long Lake	30	2030CST			0	0			Thunderstorm Wind (G52)
Roberts County									
New Effington	30	2215CST			0	0			Thunderstorm Wind (G61)
Large branches were downed by high winds.									
<u>SOUTH DAKOTA, Southeast</u>									
Beadle County									
9 S Wessington	05	1421CST			0	0			Hail (1.75)
Large hail dented vehicles. The amount of damage was not known.									
Beadle County									
6 SE Virgil	05	1516CST			0	0			Hail (1.25)
Jerauld County									
Alpena	05	1516CST			0	0			Hail (1.00)
Sanborn County									
9 N Woonsocket	05	1525CST			0	0			Hail (1.00)
Sanborn County									
1.5 N Woonsocket	05	1528CST			0	0			Hail (1.75)
Sanborn County									
Woonsocket	05	1535CST			0	0			Hail (1.75)
Large hail caused crop damage and dented vehicles. The amount of crop and property damage was not known.									
Sanborn County									
Woonsocket	05	1540CST			0	0	10K		Thunderstorm Wind (G61)
Thunderstorm winds caused tree damage, including one tree that fell onto and heavily damaged a car.									
Sanborn County									
6 SSE Forestburg to 8 SSE Forestburg	05	1545CST 1552CST	2	200	0	0			Tornado (F0)
A tornado caused tree damage, including some trees uprooted, as it moved over open country. The tornado was observed and photographed by an off duty National Weather Service employee who is also an experienced storm chaser.									
Sanborn County									
Letcher	05	1548CST			0	0			Thunderstorm Wind (G52)
Sanborn County									
10 S Artesian	05	1555CST			0	0			Hail (1.25)
Large hail covered the ground and caused crop damage in the area. The amount of crop damage was not known.									
Davison County									
4 NE Mitchell	05	1615CST			0	0			Thunderstorm Wind (G57)
Thunderstorm winds caused tree damage, including branches and a few small trees blown down.									
Davison County									
5 NNE Mitchell	05	1615CST			0	0			Thunderstorm Wind (G57)
Hanson County									
7 W Fulton	05	1615CST			0	0			Thunderstorm Wind (G57)
Thunderstorm winds caused tree damage, including branches and a few small trees blown down.									
Miner County									
9 S Fedora	05	1615CST			0	0			Hail (0.88)
Hanson County									
7 N Fulton	05	1620CST			0	0			Hail (1.00)
Large hail was accompanied by estimated 40 to 50 mph wind gusts.									
Davison County									
4 NE Mitchell	05	1620CST			0	0			Hail (1.00)
Hanson County									
10 N Alexandria	05	1640CST			0	0			Hail (0.75)
Union County									
Elk Pt	05	1837CST			0	0			Hail (1.75)

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June 2006

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>									
Clay County									
Meckling	09	1742CST			0	0			Hail (0.75)
Gregory County									
2 W Herrick	14	2245CST			0	0			Thunderstorm Wind (G52)
									Thunderstorm winds caused tree damage, including a few 4 inch diameter branches blown down.
Gregory County									
7 N Bonesteel	14	2305CST			0	0			Thunderstorm Wind (G52)
	15	2305CST							Thunderstorm winds caused tree damage, including several 2 inch diameter branches blown down.
Brule County									
Chamberlain	14	2345CST			0	0			Thunderstorm Wind (G57)
									Thunderstorm winds caused tree damage, including several 4 to 6 inch diameter branches blown down.
Yankton County									
4 SSW Utica	15	0352CST			0	0			Thunderstorm Wind (G52)
Charles Mix County									
13 S Dante	16	1355CST			0	0			Thunderstorm Wind (G57)
									Thunderstorm winds caused tree damage, including small trees blown down.
Bon Homme County									
Springfield	16	1403CST 1413CST			0	0	100K		Thunderstorm Wind (G69)
									Thunderstorm winds caused widespread tree damage. Several trees and large branches were blown down. Some of the falling trees and branches damages homes and vehicles, including the roof of one house and one pickup truck which were heavily damaged. The wind blew down numerous power poles and power lines, causing a power outage in most of Springfield which lasted several hours.
Bon Homme County									
2 SW Tyndall to 6 S Scotland	16	1407CST 1426CST			0	0			Hail (0.88)
									Large hail, driven by strong winds, heavily damaged corn and soybean crops. The amount of crop damage was not known, partly because the extent of crop recovery could not be known until closer to harvest.
Yankton County									
Lesterville to 4 NNW Lesterville	16	1422CST 1424CST			0	0	10K		Hail (2.75)
									Large hail broke windows and severely damaged siding on at least two homes. The hail also severely damaged corn and soybean crops. The amount of crop damage could not be determined because the extent of crop recovery could not be known for a long time. However, some crops were severely enough damaged to require replanting.
Bon Homme County									
Tabor	16	1426CST			0	0			Hail (1.00)
Bon Homme County									
Tabor	16	1426CST			0	0			Thunderstorm Wind (G52)
									Thunderstorm winds caused tree damage, including small branches blown down.
Yankton County									
Mayfield to Irene	16	1440CST 1455CST			0	0			Hail (1.75)
									Large hail heavily damaged corn and soybean crops, totally stripping some crops while leaving others with some chance of recovery. The amount of crop damage could not be determined.
Turner County									
15 WNW Viborg	16	1445CST			0	0			Thunderstorm Wind (G65)
Turner County									
15 WSW Hurley to 5 E Hurley	16	1500CST 1520CST			0	0	100K		Hail (1.75)
									Large hail severely damaged corn and soybean crops over a very large area, with the Lincoln County extension office estimating 95,000 acres affected. Some crops were totally stripped, while others were expected to partially recover. The dollar amount of crop damage could not be determined, but the county Farm Service Agency office estimated a yield loss of 25 to 30 percent for corn and soybean crops for the entire county. The hail also broke windows and damaged roofs on some homes. The hail was driven by strong winds.
Lincoln County									
Lennox	16	1517CST			0	0			Hail (1.00)
Lincoln County									
Lennox	16	1517CST			0	0			Thunderstorm Wind (G61)

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

SOUTH DAKOTA, Southeast

Union County

North Sioux City	16	1700CST 2100CST			0	0			Flash Flood
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Heavy rain caused flash flooding of streets and other low areas. Several vehicles were stranded in the water. The street flooding included entrance and exit ramps to and from Interstate Highway 29.

Hutchinson County

Menno	20	0055CST			0	0			Hail (0.88)
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Hutchinson County

Menno	20	0102CST			0	0			Hail (1.00)
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Turner County

12 W Hurley	20	0121CST			0	0			Hail (0.75)
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Minnehaha County

Sioux Falls	20	0202CST			0	0			Hail (1.00)
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Sanborn County

9 NNE Forestburg	20	0221CST			0	0			Hail (0.88)
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Kingsbury County

8 ESE Esmond	20	0314CST			0	0			Hail (0.75)
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Brookings County

2 NE Sinai	20	0335CST 0340CST			0	0			Hail (0.75)
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Brookings County

Elkton	20	0336CST 0341CST			0	0			Hail (1.25)
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Kingsbury County

10 WNW De Smet to 4 W De Smet	23	1345CST 1355CST			0	0			Hail (1.00)
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Large hail covered the ground in places and damaged corn and soybean crops. The amount of crop damage could not be determined.

Brule County

10 N Kimball	23	1900CST			0	0			Hail (0.88)
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Douglas County

5 E Corsica	23	2010CST			0	0			Hail (0.88)
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Brookings County

2 NE Sinai	24	1225CST			0	0			Hail (0.75)
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Brookings County

2 NE Sinai	24	1225CST			0	0			Thunderstorm Wind (G52)
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Moody County

4 NE Flandreau	24	1258CST			0	0			Hail (0.88)
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Moody County

6 NE Flandreau	24	1302CST			0	0			Hail (0.88)
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Bon Homme County

6 NE Tyndall	24	2118CST			0	0			Hail (0.88)
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Bon Homme County

5 E Tyndall	24	2125CST			0	0			Hail (0.88)
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Bon Homme County

4 WNW Tabor	24	2130CST			0	0	5K		Hail (1.00)
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Bon Homme County

Bon Homme Colony	24	2140CST			0	0			Hail (1.00)
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Large hail damaged corn and soybean crops along a narrow strip, about a mile and a half wide, through the central and southeastern parts of Bon Homme County. Crops were shredded in places. The amount of crop damage could not be determined, since it would depend in part on the degree of crop recovery. The hail also damaged the steel siding of several buildings. The hail was driven by strong winds accompanying the storm, although no damage was reported from the wind alone.

SOUTH DAKOTA, West

Custer County

4 S Custer	04	2200MST			0	0	0	0	Hail (0.88)
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Custer County

11 E Buffalo Gap	07	0545MST			0	0	0	0	Hail (1.00)
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					Killed	Injured	Property	Crops	
SOUTH DAKOTA, West									
Mellette County 3 NW Wood	07	1345MST			0	0	0	0	Hail (0.88)
Mellette County 3 NW Wood	07	1345MST			0	0	0	0	Thunderstorm Wind (G52)
Todd County 5 SE Mission	07	2220MST 2230MST			0	0	0	0	Hail (1.00)
Custer County 10 ENE Custer	09	1125MST			0	0	0	0	Hail (1.00)
Shannon County Rockyford	09	1940MST			0	0	0	0	Hail (1.00)
Shannon County 1 E Pine Ridge	09	2008MST			0	0	0	0	Hail (0.75)
Shannon County 13 W Pine Ridge	10	1410MST	0.1	10	0	0	0	0	Tornado (F0)
			Brief tornado touchdown near Slim Buttes.						
Shannon County 15 W Pine Ridge	10	1420MST			0	0	0	0	Hail (1.75)
Shannon County 4 S Porcupine	10	1425MST			0	0	0	0	Hail (0.75)
Bennett County 5 SW Swett	10	1445MST			0	0	0	0	Hail (0.75)
			Severe thunderstorms moved across southern Shannon and Bennett Counties. These storms produced large hail across southeast Shannon County and western Bennett County. A brief tornado touched down near Slim Buttes. No injuries or damage were reported.						
Lawrence County 13 SE Deadwood	13	1530MST			0	0	0	0	Hail (1.00)
Custer County 6 E Fairburn to 5 E Fairburn	13	1640MST			0	0	0	0	Hail (1.00)
Shannon County 6 S Red Shirt	13	1715MST			0	0	0	0	Hail (1.00)
Shannon County 13 S Red Shirt	13	1805MST			0	0	0	0	Hail (1.25)
Shannon County 13 SSW Red Shirt	13	1815MST			0	0	0	0	Hail (2.50)
			A large supercell thunderstorm developed across eastern Custer County and tracked slowly southeast across northwest Shannon County. The storm produced hail to the size of tennis balls and very heavy rainfall.						
Fall River County Hot Spgs	14	1440MST			0	0	0	0	Thunderstorm Wind (G52)
Custer County 5 NW Buffalo Gap	14	1442MST			0	0	0	0	Thunderstorm Wind (G52)
Custer County 13 SE Custer	14	1445MST			0	0	0	0	Thunderstorm Wind (G52)
Custer County Hermosa	14	1450MST			0	0	1K	0	Thunderstorm Wind (G63)
			Shingles were torn off a house roof.						
Custer County 7 W Hermosa	14	1452MST			0	0	0	0	Hail (0.75)
Pennington County 2 NE Rockerville	14	1500MST			0	0	0	0	Thunderstorm Wind (G52)
Pennington County 1 N New Underwood	14	1520MST 1525MST			0	0	0	0	Hail (0.75)
Pennington County 1 N New Underwood	14	1520MST 1525MST			0	0	0	0	Thunderstorm Wind (G52)

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					Killed	Injured	Property	Crops	
SOUTH DAKOTA, West									
Meade County 3 SE Hereford	14	1555MST			0	0	0	0	Thunderstorm Wind (G61)
Meade County 6 SW Elm Spgs	14	1600MST			0	0	0	0	Hail (1.00)
			Hail covered the ground.						
Meade County 3 SE Elm Spgs	14	1619MST			0	0	0	0	Thunderstorm Wind (G52)
Pennington County 20 N Scenic	14	1620MST			0	0	0	0	Thunderstorm Wind (G70)
Perkins County 16 S Prairie City	14	1700MST			0	0	0	0	Thunderstorm Wind (G52)
Perkins County 5 W Usta	14	1705MST			0	0	0	0	Hail (0.75)
Haakon County 11 WNW Philip to 9 N Philip	14	1723MST			0	0	0	0	Thunderstorm Wind (G52)
Haakon County 20 NW Philip	14	1725MST			0	0	0	0	Hail (0.75)
Perkins County 8 SSE Usta	14	1730MST			0	0	0	0	Thunderstorm Wind (G52)
Ziebach County 10 N Bridger	14	1735MST			0	0	0	0	Thunderstorm Wind (G56)
			Also received half inch diameter hail.						
Haakon County 4 W Billsburg	14	1745MST			0	0	0	0	Hail (0.75)
Meade County 1 N Faith	14	1800MST			0	0	0	0	Thunderstorm Wind (G56)
Perkins County Lodgepole	14	1805MST			0	0	0	0	Thunderstorm Wind (G52)
Ziebach County Cherry Creek	14	1820MST			0	0	0	0	Hail (0.75)
Haakon County 5 W Kirley	14	1827MST			0	0	0	0	Hail (1.00)
Ziebach County Cherry Creek	14	1827MST			0	0	0	0	Hail (1.00)
			A cluster of severe thunderstorms developed across southwest South Dakota late in the afternoon and moved northeastward across the west central and north central South Dakota plains through early evening. These storms produced hail to the size of quarters and wind gusts to 70 mph over a widespread area.						
Butte County 3 S Hoover	14	1650MST			0	0	0	0	Thunderstorm Wind (G52)
Butte County Hoover	14	1658MST			0	0	0	0	Hail (0.88)
Butte County Hoover	14	1658MST			0	0	0	0	Thunderstorm Wind (G52)
			6 inch diameter tree branches were broken off trees and a fence was destroyed.						
Butte County 13 ENE Hoover	14	1700MST			0	0	0	0	Thunderstorm Wind (G56)
Harding County 22 SSW Reva	14	1710MST			0	0	0	0	Thunderstorm Wind (G52)
			A supercell thunderstorm developed across southwestern Butte County and moved northeast across Butte County and eastern Harding County. This storm produced hail to the size of nickels and wind gusts to 65 mph.						
Meade County 4 NE Hereford	14	1940MST			0	0	0	0	Thunderstorm Wind (G52)
Meade County 2 NE White Owl	14	2045MST			0	0	0	0	Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Meade County									
Faith	14	2110MST 2130MST			0	0	0	0	Hail (1.00)
Meade County									
Faith	14	2110MST			0	0	0	0	Hail (0.75)
Meade County									
Faith	14	2110MST 2130MST			0	0	150K	0	Thunderstorm Wind (G61)
Strong winds tore half the roof off a house and blew down two outbuildings on the south side of Faith. Several empty truck trailers were tipped over and large trees throughout town were broken and blown over. Several power poles were downed, causing the loss of electric service for about 36 hours in much of the town. Hail accumulated to a depth of 12 inches.									
Meade County									
8 E Maurine	14	2130MST			0	0	0	0	Thunderstorm Wind (G61)
10 inch diameter trees were blown down.									
Perkins County									
8 NW Usta	14	2130MST			0	0	0	0	Thunderstorm Wind (G61)
Large tree branches were blown down.									
Ziebach County									
10 SW Red Elm	14	2130MST			0	0	0	0	Thunderstorm Wind (G61)
Ziebach County									
Dupree	14	2140MST			0	0	0	0	Hail (0.75)
Severe thunderstorms developed across southern Meade county and moved northeast across northern Meade, Perkins, and Ziebach counties. These storms produced damaging wind gusts in excess of 80 mph across parts of the area.									
Bennett County									
1 E Vetal	14	2015MST			0	0	0	0	Thunderstorm Wind (G61)
Several tree downed.									
Tripp County									
(Sfd)Winner Arprt	14	2044MST			0	0	0	0	Thunderstorm Wind (G55)
Tripp County									
Winner	14	2053MST			0	0	10K	0	Thunderstorm Wind (G56)
3 power poles were downed in Winner.									
Todd County									
Mission	14	2055MST			0	0	0	0	Hail (1.75)
Mellette County									
10 S White River	14	2059MST 2115MST			0	0	0	0	Thunderstorm Wind (G52)
Todd County									
6 W Parmelee	14	2100MST			0	0	0	0	Thunderstorm Wind (G58)
Todd County									
Mission	14	2120MST			0	0	0	0	Thunderstorm Wind (G54)
Todd County									
7 SE Olsonville	14	2145MST			0	0	0	0	Thunderstorm Wind (G52)
Mellette County									
White River	14	2150MST 2200MST			0	0	0	0	Thunderstorm Wind (G56)
Several trees were blown down in White River.									
Tripp County									
Winner	14	2230MST			0	0	0	0	Thunderstorm Wind (G65)
Tripp County									
(Sfd)Winner Arprt	14	2244MST			0	0	0	0	Thunderstorm Wind (G52)
Severe thunderstorms moved across south central South Dakota during the late evening, bringing strong wind gusts to a good part of the area. Wind gusts to 75 mph were witnessed across the area, downing power poles and trees. Two severe storms went through the Winner area with strong wind gusts accompanying each one.									
Butte County									
20 NNW Belle Fourche	19	1955MST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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, West</u>									
Pennington County									
Wasta	19	2335MST 2350MST			0	0	0	0	Thunderstorm Wind (G61)
			10 inch diameter tree was blown down.						
Shannon County									
3 S Batesland	20	1655MST			0	0	0	0	Thunderstorm Wind (G52)
Bennett County									
10 SW Martin	20	1710MST			0	0	0	0	Hail (2.00)
Bennett County									
5 E Martin	20	1720MST			0	0	0	0	Hail (1.75)
			50 MPH winds with hail.						
Bennett County									
Martin	20	1722MST			0	0	0	0	Hail (1.75)
Bennett County									
5 S Martin	20	1725MST			0	0	0	0	Hail (0.88)
Bennett County									
10 E Martin	20	1740MST			0	0	0	0	Hail (1.75)
Bennett County									
4 N Tuthill	20	1750MST			0	0	0	0	Hail (1.00)
Todd County									
12 NW St Francis	20	1830MST			0	0	0	0	Hail (0.88)
			A supercell thunderstorm moved northeastward from Nebraska and across Bennett and northwestern Todd Counties. This storm produced golf ball sized hail across much of western Bennett County, including the Martin area, before gradually weakening over eastern Bennett and northwestern Todd Counties.						
Bennett County									
8 N Martin	20	1755MST			0	0	0	0	Hail (1.75)
Bennett County									
11 N Tuthill	20	1812MST			0	0	0	0	Hail (1.00)
Jackson County									
4 S Longvalley	20	1820MST 1830MST			0	0	0	0	Hail (1.75)
			Hail to the size of golf balls damaged an automobile windshield.						
Mellette County									
Norris	20	1843MST			0	0	0	0	Hail (0.75)
			A supercell thunderstorm developed across northern Bennett County and moved northeast across southeast Jackson and southwest Mellette Counties. The storm produced hail to the size of golf balls.						
Shannon County									
Sharps Corner	20	2345MST			0	0	0	0	Hail (0.75)
Shannon County									
Kyle	20	2350MST			0	0	0	0	Hail (1.75)
Shannon County									
Kyle	20	2350MST			0	0	0	0	Thunderstorm Wind (G52)
Fall River County									
5 S Oelrichs	21	0015MST			0	0	0	0	Hail (1.75)
Todd County									
13 S Mission	21	0145MST			0	0	0	0	Thunderstorm Wind (G52)
<u>TENNESSEE, Central</u>									
Warren County									
Mc Minnville	01	1519CST			0	0			Thunderstorm Wind (G50)
			Tree was down along with power outages.						
Bedford County									
Shelbyville	01	1600CST			0	0	50K		Lightning
			Lightning struck and destroyed the Bedford Home Furnishings store on South Cannon Blvd. The fire spread quickly to an adjoining warehouse. The fire was brought under control at 7 PM CST, but firefighters had to return again Friday, June 2, to put out a flare-up.						
Putnam County									
Cookeville	01	1655CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
TENNESSEE, Central							
Putnam County							
Cookeville	01	1704CST			0 0		Thunderstorm Wind (G50)
							Trees and power lines were down in and just west of Cookeville. Some trees were on tops of 2 homes.
Putnam County							
Cookeville	01	1725CST 2030CST			0 0	1K	Flash Flood
							Numerous roads flooded in Cookeville and Algood, some with 3 to 4 feet of water.
Macon County							
Lafayette	01	1855CST 2030CST			0 0	1K	Flash Flood
							Water over Galen Road, Bradley Hollow Road and State Route 52. White Oak Creek left its banks and flooded the bottom bordering the road in the half-mile stretch of the Lafayette side of White Oak Hill. An estimated 4 inches of rain fell in the central part of Macon County according to a newspaper article.
Lawrence County							
Lawrenceburg	02	1048CST 1145CST			0 0	1K	Flash Flood
							Emergency Manager reported flooding on U.S. Highway 43 and 64 in Lawrenceburg.
Warren County							
Mc Minnville	02	1306CST			0 0		Thunderstorm Wind (G50)
							911 Center reported trees were blown down.
Van Buren County							
3 WSW Spencer	02	1335CST			0 0		Thunderstorm Wind (G50)
							911 Center reported trees down on Highway 30 west heading toward McMinnville.
Humphreys County							
Waverly	04	1215CST			0 0		Hail (0.88)
Putnam County							
Monterey	04	1237CST			0 0		Hail (1.00)
Hickman County							
Centerville	04	1300CST			0 0		Hail (0.75)
Wayne County							
Waynesboro	04	1317CST			0 0	10K	Thunderstorm Wind (G50)
							A tree fell on a house, and another tree fell on a vehicle.
Lawrence County							
Lawrenceburg	04	1350CST			0 0	15K	Thunderstorm Wind (G50)
							Shingles off a roof. A tree fell on a car (2003 Ford Escape).
Overton County							
Hilham	04	1735CST			0 0	5K	Hail (0.75)
							Penny size hail reported. Spotter reported hail damage to his car.
Overton County							
Rickman	04	1740CST			0 0		Thunderstorm Wind (G50)
							Trees were blown down.
Humphreys County							
Waverly	11	2145CST			0 0		Thunderstorm Wind (G50)
							Trees were down in Waverly.
Warren County							
Rock Is	20	1630CST			0 0		Hail (1.00)
Rutherford County							
Murfreesboro	20	1722CST			0 0		Hail (0.88)
Davidson County							
Donelson	22	1252CST			0 0		Hail (1.75)
							Trained spotter reported golf ball size hail at the Opryland Hotel parking lot.
Davidson County							
9 NE Nashville	22	1312CST			0 0		Hail (1.00)
							WKRN-TV reported a viewer called in a report of nickel to quarter size hail in Old Hickory.
Cumberland County							
5 SSW Crossville	22	1615CST			0 0		Thunderstorm Wind (G50)
							Sheriff's office reported a couple of trees were down.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Jackson County									
Countywide	22	2015CST 2130CST			0	0			Thunderstorm Wind (G50)
									Numerous calls to EMA office of trees and power lines down around the county.
Sumner County									
Gallatin	22	2030CST			0	0			Hail (1.75)
									Golf ball size hail reported by off duty NWS employee. Some vehicles had dings from the hailstones.
Sumner County									
Gallatin	22	2035CST			0	0			Hail (0.88)
Clay County									
Moss	22	2059CST			0	0			Thunderstorm Wind (G50)
									TDOT reported trees were down in Moss and in the western part of the county.
Sumner County									
Sugar Grove	22	2114CST			0	0			Hail (0.75)
Sumner County									
Sugar Grove	22	2115CST			0	0			Thunderstorm Wind (G50)
									Trees were down in the community of Sugar Grove, and also on U.S. Highway 31E, Backgraves Road and Fairfield Rd.
Lewis County									
6 SSW Hohenwald	23	1044CST			0	0			Thunderstorm Wind (G50)
									911 Center reported a tree down on Highway 99 on Buffalo Rd.
Lawrence County									
Lawrenceburg	23	1056CST			0	0			Thunderstorm Wind (G50)
									Sheriff's office reported a tree down on West Point Rd.
Maury County									
Columbia	23	1148CST			0	0			Thunderstorm Wind (G52)
									Trained spotter measured a 60 mph wind gust with his weather station.
Marshall County									
Countywide	23	1152CST			0	0			Thunderstorm Wind (G50)
									3 trees were blown down in the county. Two in the south and one in the north.
Maury County									
Columbia	23	1205CST			0	1			Lightning
									Lightning struck Parks Motor Company, injuring one employee who was repairing a computer during the storm. He was taken to Maury Regional Hospital in fair condition.
Maury County									
5 E Columbia	23	1205CST			0	0			Thunderstorm Wind (G52)
									Spotter reported numerous large trees were down in the eastern part of the county on Highway 99. Newspaper article said 5,000 customers were without power in Columbia and 3,500 in Spring Hill. Newspaper article stated that trees were down in the Porter Hills, Tom Osborne Road, Cothran Road, Riverside Drive, and Bear Creek Pike areas near Columbia.
Rutherford County									
Murfreesboro	23	1240CST			0	0			Thunderstorm Wind (G55)
									Emergency Manager reported residential damage to homes.
Cannon County									
3 NW Woodbury	23	1305CST			0	0			Thunderstorm Wind (G50)
									Tree down on Lock Creek Rd.
Dekalb County									
Smithville	23	1321CST			0	0			Thunderstorm Wind (G50)
									911 Center reported a utility pole was down in Smithville. 3 trees were down in the southeast part of the county on Highway 56 south.
Fentress County									
6 SW Allardt	23	1515CST			0	0			Thunderstorm Wind (G61)
									Several trees were down. Spotter estimated winds to be 70 mph by his home weather equipment.
Fentress County									
10 SSW Jamestown	25	1125CST 1230CST			0	0	1K		Flash Flood
									Road flooded out.
Dekalb County									
North Portion	30	1437CST			0	0			Hail (1.75)
									Golf ball size hail occurred in the northern part of the county.

Storm Data and Unusual Weather Phenomena

June 2006

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, Central</u>									
Rutherford County									
Murfreesboro	30	1458CST			0	0			Hail (0.88)
			Nickel size hail in the southwest part of the city.						
Rutherford County									
Murfreesboro	30	1458CST			0	0			Thunderstorm Wind (G50)
			2 trees were down in the southwest part of the city.						
Davidson County									
14 SE Nashville	30	1515CST			0	0			Hail (0.88)
			Nickel size hail reported by spotter near Bell Road and I-24 in southeast Davidson County.						
Van Buren County									
7 SE Spencer	30	1520CST			0	0			Hail (0.88)
			Nickel size hail reported by Park Ranger at Fall Creek Falls State Park.						
Warren County									
10 SSE Mc Minnville	30	1545CST			0	0			Hail (1.00)
			Quarter size hail reported at Jimmy's Auto Sales on Highway 56 south of McMinnville.						
Rutherford County									
12 SW Murfreesboro	30	1550CST			0	0			Thunderstorm Wind (G50)
			Trees were blown down on Double Springs Rd.						
<u>TENNESSEE, East</u>									
Loudon County									
Erie	01	1700EST 1710EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down in Erie.						
Roane County									
Countywide	01	1710EST 1715EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down countywide.						
Sequatchie County									
South Portion	01	1735CST 1745CST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down in the southern portion of the county.						
Hamilton County									
Chattanooga	01	1850EST 1900EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down in East Ridge area.						
Morgan County									
5 SE Wartburg	02	1510EST 1515EST			0	0	20K		Thunderstorm Wind (G60)
			Two oak trees down, damaging a home in Mossy Grove. Another tree down on Highway 27 near Bitter Creek.						
Sevier County									
Seymour	02	1535EST 1540EST			0	0			Hail (0.88)
			Nickel-size hail in the Seymour area.						
Hawkins County									
Countywide	02	1540EST 1550EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees and powerlines down countywide.						
Mcminn County									
Countywide	02	1545EST 1550EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees and powerlines down in the northern portions of the county.						
Knox County									
Countywide	02	1605EST 1610EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down countywide.						
Grainger County									
5 E Blaine	02	1620EST 1630EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down on powerlines east of Blaine.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
TENNESSEE, East							
Jefferson County							
New Market	02	1630EST 1635EST			0 0	10K	Thunderstorm Wind (G60)
			Several trees down in the New Market area.				
McMinn County							
Countywide	04	1450EST 1500EST			0 0	12K	Thunderstorm Wind (G60)
			Numerous trees and powerlines down in the western portion of the county.				
Meigs County							
2 SE Decatur	04	1450EST 1500EST			0 0	12K	Thunderstorm Wind (G60)
			Numerous trees and powerlines down south and east of Decatur.				
Hamilton County							
Chattanooga	04	1530EST 1535EST			0 0	12K	Thunderstorm Wind (G60)
			Several trees and powerlines down in the southeast portion of the county.				
Hawkins County							
Rogersville	04	1725EST 1730EST			0 0		Hail (0.75)
			Penny-size hail in Rogersville.				
Washington County							
Jonesboro	10	1759EST 1805EST			0 0		Hail (1.00)
			Quarter-size hail in Jonesboro				
Washington County							
Countywide	10	2020EST 2030EST			0 0	8K	Thunderstorm Wind (G60)
			A few trees and limbs down on roads countywide.				
Sullivan County							
Countywide	11	0205EST 0215EST			0 0	8K	Thunderstorm Wind (G60)
			Several trees and large limbs down countywide.				
Sullivan County							
Bristol	11	0210EST 0215EST			0 0		Hail (0.75)
			Penny-size hail in Bristol.				
Sullivan County							
Countywide	11	1400EST 1415EST			0 0	10K	Thunderstorm Wind (G60)
			Several trees and powerlines down countywide.				
Johnson County							
Countywide	11	1430EST 1445EST			0 0	8K	Thunderstorm Wind (G60)
			A few trees and powerlines down countywide.				
Hawkins County							
5 NE Rogersville	11	1550EST 1600EST			0 0	6K	Thunderstorm Wind (G60)
			A few trees down on Bear Hollow Road and Old Stage Road near Rogersville.				
Sullivan County							
Countywide	11	2250EST 2315EST			0 0	8K	Thunderstorm Wind (G60)
			A few trees and large limbs down countywide.				
Rhea County							
3 SE Spring City	21	1330EST 1340EST			0 0	8K	Thunderstorm Wind (G60)
			Several trees down along Highway 60 near Spring City.				
Rhea County							
Spring City	21	1345EST 1355EST			0 0		Hail (1.00)
			Quarter-size hail in Spring City.				

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Hamilton County									
Birchwood	21	1450EST 1500EST			0	0	10K		Thunderstorm Wind (G60)
Several trees down in and around Birchwood.									
Meigs County									
Countywide	21	1510EST 1525EST			0	0	10K		Thunderstorm Wind (G60)
A few trees and powerlines down countywide.									
Bradley County									
Cleveland	21	1530EST 1540EST			0	0	10K		Thunderstorm Wind (G60)
Several trees down in Cleveland.									
Bradley County									
2 N Cleveland	21	1557EST 1605EST			0	0			Hail (0.75)
Penny-size hail near Cleveland.									
Marion County									
Countywide	23	1320CST 1335CST			0	0	18K		Thunderstorm Wind (G60)
Numerous trees down countywide. Several cars in Jasper damaged by falling limbs.									
Scott County									
Smoky Jct	23	1325EST 1335EST			0	0	3K		Thunderstorm Wind (G60)
Two trees down in Smoky Junction.									
Marion County									
Countywide to Comfort	23	1355CST 1410CST			0	0	6K		Thunderstorm Wind (G60)
A few trees down countywide.									
Meigs County									
4 SW Decatur	23	1400EST 1410EST			0	0	2K		Thunderstorm Wind (G60)
One tree and powerlines down near Decatur.									
Rhea County									
Spring City	23	1400EST 1415EST			0	0	12K		Thunderstorm Wind (G60)
Several trees and powerlines down in Spring City.									
Bledsoe County									
Countywide	23	1405CST 1415CST			0	0	3K		Thunderstorm Wind (G60)
One tree and a few powerlines down countywide.									
Campbell County									
Vasper	23	1430EST 1440EST			0	0	8K		Thunderstorm Wind (G60)
A few trees down in Vasper.									
Anderson County									
Lake City	23	1430EST 1440EST			0	0	6K		Thunderstorm Wind (G60)
A few trees down in Lake City.									
Grainger County									
Countywide	23	1505EST 1515EST			0	0	10K		Thunderstorm Wind (G60)
Five trees down countywide.									
Hamilton County									
Countywide	23	1530EST 1540EST			0	0	18K		Thunderstorm Wind (G60)
Several trees and powerlines down countywide. Around 12,000 homes and businesses lost power. In addition, an overhead sign was blown onto state Highway 153 in the Chattanooga area..									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Knox County									
Knoxville	23	1530EST 1545EST			0	0	18K		Thunderstorm Wind (G60)
			Several trees and powerlines down in Knoxville.						
Bradley County									
Cleveland	23	1600EST 1620EST			0	0	30K		Thunderstorm Wind (G60)
			Several trees and powerlines down countywide. Several homes in Cleveland sustained roof damage.						
Sevier County									
Countywide	23	1620EST 1635EST			0	0	6K		Thunderstorm Wind (G60)
			Three trees down countywide.						
Monroe County									
Countywide	23	1630EST 1645EST			0	0	8K		Thunderstorm Wind (G60)
			A few trees down countywide.						
Cocke County									
Countywide	23	1650EST 1715EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees down countywide.						
Hamblen County									
4 NW Morristown	24	1755EST 1800EST			0	0	5K		Thunderstorm Wind (G40)
			A few trees and powerlines down. A barn was also slightly damaged.						
Bledsoe County									
7 NW Pikeville	30	1540CST 1550CST			0	0	8K		Thunderstorm Wind (G60)
			A few trees down in Fall Creek Falls State Park.						
Bledsoe County									
Pailo	30	1550CST 1555CST			0	0			Hail (0.88)
			Nickel-size hail in the Pailo area.						
Bledsoe County									
Pailo	30	1550CST 1555CST			0	0	5K		Thunderstorm Wind (G60)
			Several tree tops sheared off in the Pailo area.						
Roane County									
Countywide	30	1640EST 1650EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees...large limbs...and powerlines down across the southern half of the county.						
Hamilton County									
Chattanooga	30	1644EST 1650EST			0	0			Hail (0.88)
			Pea to nickel-size hail in north Chattanooga.						
Meigs County									
Ten Mile	30	1645EST 1650EST			0	0			Hail (0.88)
			Nickel-size hail at Ten Mile.						
Mcminn County									
Athens	30	1717EST 1725EST			0	0			Hail (1.00)
			Nickel to quarter-size hail in Athens.						
Meigs County									
Countywide	30	1720EST 1730EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees...large limbs and powerlines down across the southern half of the county.						
Mcminn County									
Etowah	30	1730EST 1735EST			0	0			Hail (1.75)
			Golfball-size hail near Etowah.						

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Bradley County 6 N Cleveland	30	1745EST 1750EST			0	0			Hail (0.88)
			Nickel-size hail on I-75 north of Cleveland.						
Mcminn County Etowah	30	1753EST 1800EST			0	0			Hail (0.88)
			Nickel-size hail near Etowah.						
Anderson County Oak Ridge	30	1755EST 1805EST			0	0	3K		Thunderstorm Wind (G60)
			One tree and powerlines down in Oak Ridge.						
Morgan County Coalfield	30	1756EST 1805EST			0	0			Hail (1.00)
			Quarter-size hail in Coalfield.						
Hamilton County Harrison	30	1800EST 1810EST			0	0			Hail (0.75)
			Penny-size hail in Harrison.						
Anderson County 2 W Clinton	30	1800EST 1810EST			0	0	4K		Thunderstorm Wind (G60)
			Large limbs downed on a powerline near Clinton.						
Roane County Countywide	30	1815EST 1830EST			0	0	10K		Thunderstorm Wind (G60)
			A few trees...large limbs and powerlines down across the southern portions of the county.						
Loudon County 8 NW Lenoir City	30	1834EST 1845EST			0	0			Hail (1.00)
			Dime to quarter-size hail on Highway 321.						
Bradley County 6 S Cleveland	30	1835EST 1840EST			0	0			Hail (1.75)
			Golfball-size hail near Cleveland.						
<u>TENNESSEE, South Central</u>									
Franklin County Belvidere	01	1600CST 1730CST			0	0	20K		Lightning
			Lightning sparked a fire at a local church causing considerable damage in the church sanctuary. Another separate fire was sparked at a residence in Hopkins Point, but no other information was available. Time range estimated. Clusters of strong thunderstorms developed during the afternoon hours in an unstable airmass typical of early Summer. The thunderstorms produced heavy downpours up to around 2 inches in spots, prolific lightning strikes, and gusty winds.						
Franklin County Winchester	23	1341CST			0	0			Thunderstorm Wind (G55)
			Trees and power lines were blown down.						
Franklin County 1 N Winchester	23	1355CST			0	0			Thunderstorm Wind (G52)
			60 mph winds were estimated by a trained spotter. A line of strong to severe thunderstorms rolled through the Tennessee Valley along a cold front. The storms produced hail up to golf ball sized, sporadic wind damage, and a severe lightning injury to one person.						
<u>TENNESSEE, West</u>									
Henderson County 3 ENE Wildersville	07	1801CST 1806CST			0	0	5K		Hail (1.00)
			Numerous truck drivers reported quarter size hail 3 miles ENE of Wildersville.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
TENNESSEE, West									
Carroll County 3 S Mc Kenzie to 5 NW Huntingdon	11	2006CST 2020CST			0	0	50K		Thunderstorm Wind (G50)
									Straight line winds produced damage at the Carroll Lake Golf Course and the surrounding neighborhood just south of McKenzie. A building that was housing golf carts was destroyed. The entrance to the golf course's restaurant was destroyed, causing some roof damage to the building. In the nearby neighborhood, a garage was lifted off the ground, moved 15 feet, and came to rest on a pickup truck. Trees were also knocked down in this neighborhood as well as in locations 5 miles northwest of Huntingdon.
Shelby County 5 S Germantown	17	1704CST 1708CST			0	0	2K		Thunderstorm Wind (G50)
									A few trees were knocked down by straight line winds.
Shelby County Whitehaven	17	1710CST 1715CST			0	0	2K		Thunderstorm Wind (G50)
									Some trees were knocked down in the Whitehaven area.
Shelby County 5 SE Bartlett	17	1718CST 1722CST			0	0	5K		Hail (1.00)
Shelby County Cordova to 5 NE Cordova	17	1725CST 1730CST			0	0	2K		Thunderstorm Wind (G55)
									Some trees were knocked down near the Lakeland area.
Shelby County 4 NE Cordova	17	1735CST 1740CST	0.3	50	0	0	100K		Tornado (F1)
									An F1 tornado touched down near Wood Sage Cove in the Franklin Farms Subdivision off Houston Levee Road 1 mile south of Lakeland. This is just south of Highway 64. The tornado then tracked northeast across Tall Hickory Drive and then lifted. In addition to the tornado there was also straight line wind damage in the vicinity. About 20 homes in the Franklin Farms subdivision were damaged. Some homes had roofs partially ripped off. An SUV also had windows broken out of it.
Madison County Jackson	17	2020CST 2200CST			0	0	20K		Flash Flood
									Heavy rain caused flooding on the Hwy 45 Bypass in Jackson at several intersections. The intersection at Old Hickory Boulevard had 1 foot of water over it for 500 yards. Two cars were flooded out at the Best Western parking lot where water was 3.5 feet deep.
Haywood County Brownsville	18	1348CST 1500CST			0	0	0.01K		Flash Flood
									Street flooding was reported in Brownsville from heavy rainfall.
Carroll County Trezevant	18	1443CST 1543CST			0	0	0.01K		Flash Flood
									Heavy rain caused street flooding in Trezevant.
Shelby County 2 E Cordova	18	1445CST 1545CST			0	0	0.01K		Flash Flood
									Heavy rain caused one lane of Lenow Road 4 miles south of Lakeland to be flooded.
Madison County North Portion	18	1450CST 1600CST			0	0	5K		Flash Flood
									Heavy rain caused flooding across the northern portion of Madison County. Several roads were closed including Windy City and Humboldt Roads which had 3 feet of water on them. In Jackson, two people had to be evacuated out of their mobile home due to flooding. The hardest hit area was on Mason Road where there was up to four feet of water.
Fayette County Moscow to Rossville	18	1500CST 1600CST			0	0	0.01K		Flash Flood
									Several roads were flooded in the Moscow and Rossville area due to flash flooding.
Fayette County Moscow to Rossville	18	1530CST 1535CST			0	0	2K		Thunderstorm Wind (G50)
									A few trees were knocked down on Highway 57 between Moscow and Rossville by straight line winds.

Storm Data and Unusual Weather Phenomena

June 2006

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, West</u>									
Gibson County									
Humboldt	18	1530CST 1600CST			0	0	0.01K		Flash Flood
A few streets were flooded due to heavy rain in Humboldt.									
<u>TEXAS, Central</u>									
Nolan County									
Sweetwater	16	2007CST			0	0			Hail (0.88)
Nolan County									
Sweetwater	16	2007CST			0	0			Thunderstorm Wind (G52)
Taylor County									
4 SSW Abilene	16	2150CST			0	0			Hail (0.88)
Taylor County									
5 SSE Abilene	16	2158CST			0	0			Hail (0.88)
Taylor County									
(Abi)Abilene Muni Ar	17	0228CST			0	0			Thunderstorm Wind (G52)
Crockett County									
Ozona	17	2322CST			0	0	25K		Thunderstorm Wind (G61)
Damages were to trees, power lines, awnings and sheds.									
Haskell County									
11 SSE Haskell	17	1800CST			0	0			Hail (0.88)
Haskell County									
9 SE Haskell	17	1815CST			0	0			Hail (1.75)
Haskell County									
7 NW Stamford	17	1815CST			0	0			Thunderstorm Wind (G52)
Throckmorton County									
3 N Throckmorton	17	1830CST			0	0			Thunderstorm Wind (G52)
Shackelford County									
7 E Albany	17	1840CST			0	0			Hail (1.75)
Shackelford County									
13 WNW Albany	17	1845CST			0	0			Hail (1.75)
Fisher County									
Rotan	17	1907CST			0	0			Hail (0.75)
Shackelford County									
East Portion	17	1930CST 2130CST			0	0	10K		Flash Flood
Numerous county roads were flooded in eastern portion of the county.									
Taylor County									
1 N Abilene	17	1954CST			0	0			Hail (1.75)
Taylor County									
1 N Abilene	17	1954CST			0	0			Thunderstorm Wind (G61)
Taylor County									
Tye	17	1957CST			0	0			Hail (1.75)
Callahan County									
2 W Clyde	17	2000CST			0	0			Hail (0.88)
Callahan County									
2 NW Clyde	17	2000CST			0	0			Thunderstorm Wind (G53)
Callahan County									
Eula	17	2002CST			0	0	20K		Thunderstorm Wind (G69)
Strong thunderstorm winds damaged the school in Eula and several houses around the community.									
Taylor County									
View	17	2005CST			0	0			Hail (0.88)
Taylor County									
4 E Abilene	17	2010CST			0	0			Hail (1.75)
Taylor County									
4 SW Abilene	17	2013CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Central</u>									
Taylor County									
Buffalo Gap	17	2018CST 2022CST			0	0			Hail (1.75)
Runnels County									
1 E Winters	17	2100CST			0	0			Hail (0.88)
Mcculloch County									
Melvin	17	2325CST			0	0			Thunderstorm Wind (G52)
Concho County									
5 W Eden	18	0159CST			0	0			Hail (1.00)
Concho County									
Eden	18	0202CST			0	0			Hail (0.88)
Tom Green County									
Orient	18	0209CST			0	0			Hail (1.75)
Tom Green County									
13 N San Angelo	18	0602CST 0607CST			0	0			Hail (0.88)
<u>TEXAS, Central Southeast</u>									
Harris County									
Galena Park	01	1040CST			0	0	5K		Lightning
									Lightning struck the rim of an external floating roof storage tank resulting in a fire.
Matagorda County									
Collegeport	01	1100CST			0	0			Funnel Cloud
Harris County									
5 SE Kingwood	13	1515CST			0	0	30K		Thunderstorm Wind (G50)
									Numerous large trees downed and several homes damaged.
Harris County									
Crosby	13	1545CST			0	0	10K		Thunderstorm Wind (G50)
									Trees and street signs down.
Montgomery County									
Cut And Shoot	13	1610CST			0	0	5K		Hail (0.88)
									Nickel-size hail.
Galveston County									
League City	13	1625CST			0	0	35K		Thunderstorm Wind (G60)
									Semi-tractor trailer overturned onto another vehicle on Interstate 45 at FM 646. Winds also blew down a few large concrete wall structures at a construction site at the same intersection. Numerous fences and store signs were also blown down in and around League City and Dickinson.
Fort Bend County									
4 SE Thompsons	13	1645CST			0	0	10K		Thunderstorm Wind (G50)
									Numerous trees and power lines down in the Sienna Plantation.
Brazoria County									
West Columbia	13	1735CST			0	0	12K		Thunderstorm Wind (G50)
									Numerous trees, power lines, and storm signs down.
Wharton County									
2 E Wharton	13	1825CST			0	0	15K		Hail (1.75)
									Golfball-size hail on County Road 120.
Wharton County									
5 NE Wharton	13	1825CST			0	0	5K		Hail (0.75)
									Penny-size hail.
Montgomery County									
2 W Montgomery	17	0930CST	1	75	0	0	40K		Tornado (F0)
									Tornado downed several large trees, one on top of a church. Out buildings were damaged and some lawn equipment was displaced.
Liberty County									
Liberty	19	0059CST 0215CST			0	0			Flash Flood
									Highway 90 flooded in the town of Liberty.

Storm Data and Unusual Weather Phenomena

June 2006

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

Harris County

South Houston	19	0411CST 1100CST			0	0	3.3M		Flash Flood
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Approximately 3,370 homes were flooded with some water rescues in the Interstate 45 and Beltway 610 vicinity (Belfort and Telephone Roads). The Washburn Tunnel was flooded and impassable while Interstate 10 at Federal Street's bypass was under water. Sections of Sims, Halls, and Hunting Bayous with Vogel and White Oak Creeks experienced significant flooding. Homes along these bayous and creeks had flood water in them from 2 to 8 inches to as high as 18 to 20 inches.

Matagorda County

Matagorda	20	0530CST 1345CST			0	0			Flash Flood
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Highway 60 was impassable due to flood waters.

San Jacinto County 13 WSW Coldspring

	22	1445CST			0	0	5K		Hail (0.75)
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Penny-size hail at the intersection of FM Road 2693 and FM Road 2778 right at the Walker-San Jacinto County line.

Harris County

Spring	22	1630CST 1800CST			0	0	200K		Flash Flood
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40 vehicles were flooded per media helicopter shot of Spring.

San Jacinto County Coldspring

	25	1740CST			0	0	20K		Thunderstorm Wind (G50)
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Trees and power lines down.

Fort Bend County

8 NW Richmond	25	2030CST			0	0	25K		Thunderstorm Wind (G50)
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Trees and a fence down in the Pecan Creek Subdivision near the intersection of FM Road 359 and FM Road 723.

Brazoria County

3 NE Quintana	30	1500CST			0	2			Lightning
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Two victims (a 13 year old female and a 23 year old female) sought shelter under a cabana on Surfside Beach when lightning struck. The younger victim was initially in critical condition when airlifted to the hospital but fully recovered after a four day stay with only scars around her neck from a necklace she was wearing when struck. The older victim had bleeding ears after the strike, but was treated and released the same day.

TEXAS, Extreme West

El Paso County

El Paso Intl Arpt	20	2230MST			0	0			Thunderstorm Wind (G53)
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A dry microburst occurred at the El Paso International Airport.

Storm Data and Unusual Weather Phenomena

June 2006

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

**Nueces County
Corpus Christi**

	01	0000CST 0615CST			0	0	300K		Flash Flood
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Photo by National Weather Service

Stranded vehicles on Highway 44 near Clarkwood Rd., just west of the Corpus Christi International Airport, on the morning of June 1st.

Nearly 12 inches of rain fell across west-central Corpus Christi during the late night hours of May 31st and the early morning hours of June 1st. The flooding began at roughly 2345 CST on May 31st and continued through roughly 0615 CST on June 1st. The Corpus Christi International Airport recorded a 24 hour rainfall total of 11.47", establishing a new all time 24 hour precipitation record. Numerous city streets became flooded, along with a seven mile stretch of Highway 44 (from the Corpus Christi International Airport to F.M. 1694), North Padre Island Drive (Highway 358) and a section of Interstate 37 (near Corn Products Road). Numerous cars became stranded in high water. There was one indirect fatality when a 51 year old woman abandoned her flooded vehicle and began walking on the shoulder of Highway 358. The woman was struck and killed by a van exiting Highway 358.

Many high water vehicle rescues were performed by the Corpus Christi Fire Department, including rescues on I-37, Highway 44 and Highway 358. Several people were also evacuated from their homes, which included homes near Manchester Avenue and I-37.

Other areas in the city that flooded included, but were not limited to, homes near Clarkwood Road and Highway 44, homes in the Las Colonias subdivision near Greenwood Avenue and Saratoga, sections of Old Brownsville Road near Saratoga and several roads and neighborhood between Highway 44 and I-37

Dollar estimates on the damages are rough, conservative estimates and are likely underestimated. See episode narrative below for further details on the event.

The flash flooding also complicated efforts to contain an oil spill, initially caused by lightning, at the Valero Refinery. More info on this oil spill can be found below, in the lightning event.

Storm Data and Unusual Weather Phenomena

June 2006

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

Nueces County Corpus Christi

01 0015CST **0** **0** **Lightning**

Lightning struck a waste oil tank at the Valero Bill Greehey Refinery between 100 and 130 AM CDT. The lightning strike resulted in a fire as well as an oil spill. The fire destroyed the large oil storage tank and part of the pipe rack behind it, used to offload oil from ships. The oil spilled into a containment dike. The heavy rainfall, as well as well as water used to put out the fire, caused the oil to spill over the containment dike and into the Corpus Christi Ship Channel. Valero estimated roughly 63,000 gallons of an oil water mix (roughly 1500 barrels) spilled into the ship channel. The Corpus Christi Ship Channel was closed for several days while the oil was cleaned up.

Dollar estimates on the damage that occurred to the tank and pipe rack, as well as the cost of the oil and cleanup, were unknown at the time of this publication.

See episode narrative below for further details on the event.

Victoria County Central Portion

01 0330CST **0** **0** **Flash Flood**
1130CST

Heavy rainfall rainfall since May 28th had left portions of Victoria County saturated. As heavy rainfall began falling again during the early morning hours of June 1st, several city streets in the city of Victoria, as well as several Farm to Market Roads and County Roads throughout Central Victoria County, became flooded and impassable.

See episode narrative below for further details on the event.

Nueces County 3 S Crps Christi Intl A

01 0430CST **0** **0** **Flood**
02 1715CST

Heavy rainfall of nearly 12 inches caused the Oso Creek at Corpus Christi to reach 25.56 feet during the mid afternoon hours of the 1st, resulting in major flooding in the basin. Property and some buildings along Oso Creek at F.M. 763 were flooded. This was the sixth highest crest ever recorded along Oso Creek.

Aransas County Rockport

01 0645CST **0** **0** **Flash Flood**
0900CST

Between 4 and 6 inches of rain fell in Rockport, leaving some city streets flooded, including Market Street at Business 35.

Calhoun County Countywide

01 1000CST **0** **0** **Flash Flood**
1700CST

Widespread heavy rainfall led to flash flooding along several roads in the Port O'Connor and Magnolia Beach areas. Several roads were impassable but to large trucks.

See episode narrative below for further details on the event.

Storm Data and Unusual Weather Phenomena

June 2006

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

Kleberg County

Countywide

01	2115CST				0	0	300K		Flash Flood
02	1900CST								



Low water crossing the near Ricardo, TX on the morning of June 2nd.

An epic flash flood event across much of Kleberg County began in the late evening on the 1st and continued through much of June 2nd. 14.52 inches of rainfall was recorded by a volunteer NWS observer 2 miles east of Ricardo. Satellite precipitation estimates indicated up to 20 inches of rainfall may have fallen just east of the volunteer observer's location. Many Farm to Market and County Roads were flooded as well as U.S. 77 at Ricardo and several streets in Kingsville. About 30 residents in a flood plain along F.M. 1717, southeast of Kingsville, had to be evacuated for their safety from the rising water.

Dollar estimates on the damages are rough, conservative estimates and are likely underestimated. See episode narrative below for further details on the event.

Jim Wells County

South Central Portion

02	0500CST				0	0			Flash Flood
	1600CST								

Heavy rainfall fell across all of Kleberg County and a portion of Southern Jim Wells County during the early morning hours of June 2nd. Several Country Roads became flooded and impassable, including a large section of C.R. 428, west of Premont.

See episode narrative below for further details on the event.

Duval County

San Diego

02	1400CST				0	0			Flash Flood
	1600CST								

Heavy rainfall left most city streets impassable, with two feet of water covering many of them.

The heavy rainfall episode started on May 28th and lasted through June 2nd. During these six days a series of heavy rainfall events erased rainfall deficits in the Victoria, Corpus Christi, and the Kingsville areas and left them with rainfall surpluses, in addition to flooded fields, roadways and homes.

Some of the key highlights from this active week included an all time 24 hour record rainfall total of 11.47 inches at the Corpus Christi International Airport, breaking a record which stood since 1931. In just one hour the Corpus Christi International Airport doubled their year to date rainfall total, and in just 6 hours saw five times the amount of rainfall they had seen since January 1st. Also, a daily record rainfall for May 28th was broken at Victoria, when the municipal airport received 5.39 inches of rain. Other locations received even higher daily amounts, including the hard hit area around Ricardo, which received around 14 inches of rain early on the morning of June 2nd. The strong thunderstorms and flooding resulted in unfortunate results, including one death indirectly due to the flooding, a fire at the Valero refinery, as well as an oil spill affecting Corpus Christi Ship Channel.

On the evening of May 31, an upper level low, as well as surface low over the Western Gulf of Mexico, began to move west,

Storm Data and Unusual Weather Phenomena

June 2006

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

TEXAS, Mid - South

bringing its affects to the Coastal Plains region of South Texas. Also, this storm system began to develop tropical characteristics from May 31st through June 2nd, generating showers and thunderstorms during the late evening and overnight hours, with the showers and storms generally weakening during the late afternoon hours.

During the late evening hours of May 31st, the surface low and convergence axis pulled up stationary across Nueces County. Very heavy rainfall began falling across the northwest and west side of Corpus Christi, including over the refineries, Corpus Christi International Airport and Oso Creek Basin. Over the course of the next four to six hours showers and thunderstorms remained nearly stationary, dumping extraordinary amounts of rainfall across the west and northwest side of Corpus Christi. The surface trough began to slowly push northeast by daybreak on June 1st, and the heavy rainfall shifted into the Northern Coastal Bend as well as the Victoria region.

The heavy rainfall also caused the Oso Creek at Corpus Christi to reach 25.56 feet during the mid afternoon hours of the 1st, resulting in major flooding in the basin and flooding of property and some homes along the creek.

The storm system began to shift southwest on the afternoon of June 1st, and weakened slightly. However, showers and thunderstorms redeveloped late in the evening and continued through the mid afternoon hours on June 2. This time the heaviest rainfall occurred further south, across Kleberg and Jim Wells counties. Nearly 14 inches of rain were observed by a coop observer just east of Ricardo, and nearly nine inches of rain was reported by an observer in Kingsville. Satellite precipitation estimates indicate nearly 20 inches of rain may have fallen 3 to 4 miles east of Ricardo during the early morning hours of the 2nd. Several creeks in Kingsville as well as near Ricardo experienced flash flooding. Sporadic flooding was also observed in portions of Jim Wells and Duval counties. By the evening of June 2nd all of the heavy rainfall ended as the system weakened over Deep South Texas.

Below are selected cumulative rainfall totals from May 28th through June 2nd for some of the hardest hit areas:

- Aransas Wildlife Refuge...9.81
- Austwell...8.55
- Bishop...6.19
- Coleto Creek...5.34
- Corpus Christi International Airport...12.50
- Goliad North Street...10.08
- Kingsville Naval Air Station...8.09
- Port Lavaca...13.08
- Port O'Connor...13.69
- Ricardo 2 miles east...14.52
- Rockport 3 miles north...8.25
- Victoria Regional Airport...9.73

TXZ229>234-239>247 La Salle - McMullen - Live Oak - Bee - Goliad - Victoria - Webb - Duval - Jim Wells - Kleberg - Nueces - San Patricio - Aransas - Refugio - Calhoun

01 0000CST 0 0 Drought
30 2359CST

Scattered and very beneficial rainfall fell across portions of the Coastal Bend and Victoria Crossroads during the month of June, providing some relief to long-term drought conditions, yet producing flash flooding in some areas. The rainfall episode of May 28th through June 2nd across portions of the Coastal Bend and Victoria Crossroads, in particular Nueces and Kleberg counties, produced some rainfall amounts in excess of 10 inches. Additional rainfall impacted the Victoria area and Northern Coastal Bend on June 18th, with some locations seeing rainfall of 1 to 2 inches. On June 20th very heavy rainfall was observed across Calhoun county as well as portions on Aransas, Refugio and Victoria counties. Some locations across Calhoun county observed 10 to 15 inches of rainfall on the 20th.

Unfortunately much lesser amounts during the month were observed further west, across the Rio Grande Plains, and further northwest in the Nueces and Frio River basins.

The Corpus Christi International Airport recorded a beneficial 11.19 inches of rainfall during June of 2006, which was 7.66 inches above normal. Most of this fell during the early morning hours of June 1st. The Victoria Regional Airport recorded 4.72 inches, which was 0.24 inches below normal. The Laredo International Airport only recorded 1.85 inches of rainfall, which was 1.14 inches below normal.

By the end of the month the U.S. Drought Monitor showed exceptional drought conditions persisting across the Rio Grande Plains. Severe to extreme drought conditions were indicated across the Western Coastal Bend. Conditions across the coastal counties and Victoria Crossroads improved to moderate drought conditions to abnormally dry conditions.

Some locations across the Coastal Bend and Victoria Crossroads saw improvement in soil conditions, providing relief to growing

Storm Data and Unusual Weather Phenomena

June 2006

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

TEXAS, Mid - South

crops. But some locations across the Northern Coastal areas received too much rainfall and crop damage likely occurred. Rainfall across the Western Coastal Bend and Rio Grande Plains was insufficient and did not provided significant relief to soil conditions, and crops still struggled. Many ranchers were still relying on hay to feed cattle, and in some locations ranchers continued to diminish their herd sizes.

Reservoir levels continued to slowly fall at Choke Canyon Reservoir and Lake Corpus Christi. The capacity at Choke Canyon at the end of June stood at 81.9%. Lake Corpus Christi fell to around 39% by the end of June. Lake Amistad pool levels also continued to slowly fall. The Coleta Creek Reservoir rose slightly.

The wildfire danger decreased significantly across the coastal counties and Victoria Crossroads, but remained high across western portions of the Coastal Bend and over the Rio Grande Plains. No significant wildfires were reported over the month of June across South Texas.

Calhoun County Countywide

20	0350CST		0	0		Flash Flood
	1300CST					

Showers and thunderstorms trained across much of Calhoun County for an extended time, producing a doppler radar estimated, wide swath of 6 to 12 inches of rainfall, with isolated amounts of 15 inches across northeast Calhoun County. The rainfall led to flooding of some roadways throughout the county, including areas near Seadrift, Port Lavaca and Indianola. Several vehicles were reported flooded in Indianola.

The following are some selected 24 rainfall totals from Calhoun County:

Indianola...14.33 inches
 Port Lavaca...2.46 inches
 Port Lavaca 5 miles SW...8.28 inches
 Port O'Connor...6.6 inches
 Seadrift...5.25 inches

Refugio County Northeast Portion

20	0700CST		0	0		Flash Flood
	1300CST					

Showers and thunderstorms trained across portions of extreme northeast Refugio County for an extended time, producing a doppler radar estimated swath of 6 to 12 inches of rainfall. The rainfall led to flooding of some Farm to Market roads throughout the northeast portions of the county, near Austwell. In addition, five homes were flooded in Tivoli.

The following are some selected 24 rainfall totals from Refugio County:

Austwell...13.08 inches

Victoria County 12 S Victoria

20	0800CST		0	0		Flash Flood
	1000CST					

Doppler radar estimated showers and thunderstorms produced an isolated 3 to 5 inches of rainfall in the southern portion of Victoria County. Old Refugio Road at U.S. 77 was reported barricaded due to high water over the road.

Duval County Freer

20	2030CST		0	0		Flash Flood
	2130CST					

Doppler radar estimated 3 to 4 inches of rainfall fell over a very short period of time in Freer. A few roadways in and around Freer were flooded.

Nueces County 3 ENE Crps Christi Intl

26	1500CST		0	0		Lightning
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Lightning struck a foundation company truck on McBride Ln. One person was inside the truck at the time, but was not injured.

Nueces County 2 N Crps Christi Intl A

26	1500CST		0	0	3K	Thunderstorm Wind (G50)
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Six utility poles blow down at Leopard St. and Rhew Rd. (Measured gust of 42 knots was recorded 2 miles away by the CRP ASOS).

Nueces County 2 SE Crps Christi Intl

26	1505CST		0	0	2K	Thunderstorm Wind (G50)
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Several utility poles were blown down on Bear Lane.

Nueces County 5 W Chapman Ranch

26	1545CST		0	0	2K	Thunderstorm Wind (G50)
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Several utility poles were blown over onto Highway 70, west of Chapman Ranch.

Storm Data and Unusual Weather Phenomena

June 2006

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

Nueces County
1 SE Driscoll

30 1315CST 0 0 45K Thunderstorm Wind (G65)

Three mobile homes were blown off their supports and destroyed in the Fiesta Ranch subdivision on County Road 75B. No injuries occurred, and no one was reported home at the time. Time of occurrence is very rough, based on radar data.

TEXAS, North

**TXZ092>095-
102>107-116>123-
130>135-143>148-
157>162-174>175**

Cooke - Grayson - Fannin - Lamar - Wise - Denton - Collin - Hunt - Delta - Hopkins - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Erath - Hood - Somervell - Johnson - Ellis - Henderson - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Coryell - Bell - McLennan - Falls - Limestone - Leon - Milam - Robertson

06 0000CST 0 0 100M Drought
30 2359CST

After a few weeks of respite, north Texas was once again placed into the category of severe drought (D2) according to the U.S. Drought Monitor. NOAA reported that 12 to 15 inches of rain was needed across north Texas to bring the Palmer Drought Severity Index back to near normal values. Spring rainfall continued to lack, increasing rainfall deficits since January 2006 to anywhere from a couple of inches to almost nine inches in some locations. Temperatures also remained quite warm, and the National Climatic Data Center reported that the first half of the year was the warmest ever on record for the U.S. They also reported that Texas in particular was warmer than average for the period. Disaster declarations remained in place for Collin, Comanche, Parker, and Somervell Counties due to the drought. Warm temperatures, plenty of dry fuel, and the ongoing drought continued to present dangerous wildfire opportunities. Outdoor burn bans remained in place for many north Texas Counties.

The hydrologic drought continued to affect area lakes. Lake Lewisville was over 8 feet below normal this month, and Lake Lavon was almost 11 feet below normal. Bridgeport, Hubbard Creek, and Jim Chapman reservoirs were all more than 10 feet below normal pool elevation. Beginning June 1, Fort Worth and Arlington imposed mandatory water restrictions between 10 AM and 6 PM daily. The North Texas Municipal Water District, which serves 1.5 million people in Collin, Dallas, Denton, Hunt, Kaufman, and Rockwall Counties, began Stage 3 water restrictions this month, which allows residents to water their lawns only once a week. The city of Lavon in Collin County stopped allowing residents to fill new swimming pools as a result of the water shortage.

The drought remained a problem for the agricultural sector as well. Recent data showed that wheat production in Texas was down 64% from last year, and oat production was down 18%. The U.S. Department of Agriculture approved Governor Rick Perry's request for drought relief in several counties, including Hamilton, Johnson, and McLennan. Farmers and ranchers in these counties were eligible for low-interest emergency loans from the Farm Service Agency.

The current U.S. seasonal outlook through September 2006 forecasts drought conditions over north Texas to persist or intensify, with marginal improvement possible in areas of southeastern north Texas.

TXZ141

Comanche

15 2315CST 0 0 1K Strong Wind

A deepening low pressure system in the lee of the Rockies resulted in gusty south winds. The winds blew a tree onto a power line in De Leon.

TXZ104

Collin

16 1520CST 0 0 2K Strong Wind

A Bradford Pear tree split and fell onto a power line in McKinney. This was caused by strong winds associated with dissipating thunderstorms.

Stephens County

Breckenridge

16 2230CST 0 0 Thunderstorm Wind (G50)

Numerous tree limbs down.

TXZ158

Bell

17 0630CST 0 0 10K Strong Wind

A power line fell across a three-car garage in Temple, melting and setting fire to the adjacent aluminum gutters and wooden walls. However...only minor damage to the garage was reported.

Anderson County

1 NE Tucker

17 0945CST 0 0 Flash Flood
1100CST

Highway 79 and FM 645 were closed due to high water.

Stephens County

Hubbard Creek Lake

17 1800CST 0 0 Hail (0.88)

Wise County

5 ENE Alvord

17 1815CST 0 0 5K Hail (1.75)

Golf ball-size hail report relayed by law enforcement.

Wise County

Alvord

17 1830CST 0 0 Hail (1.50)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Montague County									
Sunset	17	1845CST			0	0			Hail (0.75)
Jack County									
Perrin	17	1852CST			0	0			Hail (0.88)
Jack County									
Jacksboro	17	1915CST			0	0	10K		Thunderstorm Wind (G50)
									Power lines and tree limbs were blown down around the city.
Young County									
Graham	17	1920CST			0	0	25K		Thunderstorm Wind (G50)
									A tree fell on a transformer knocking out power to about 20,000 people.
Young County									
7 W Graham	17	1926CST			0	0			Thunderstorm Wind (G52)
Montague County									
3 SW Montague	17	1945CST			0	0			Hail (1.00)
Jack County									
1 N Perrin	17	2010CST 2200CST			0	0			Flash Flood
									Flooding was reported on Highway 281.
Eastland County									
Rising Star	17	2045CST			0	0			Thunderstorm Wind (G50)
Palo Pinto County									
1 NE Salesville	17	2045CST 2245CST			0	0			Flash Flood
									Flooding was reported on Highway 281.
Comanche County									
4 ENE Comanche	17	2120CST			0	0	5K		Thunderstorm Wind (G50)
									Power lines down in the Hasse area.
Denton County									
Ponder	17	2140CST			0	0	20K		Thunderstorm Wind (G50)
									Widespread wind damage occurred with fences, outbuildings, and jungle gyms blown over and damaged.
Hill County									
Itasca	17	2335CST			0	0	20K		Thunderstorm Wind (G50)
									Signs and power lines were blown down.
Hill County									
Hillsboro	17	2359CST			0	0	30K		Thunderstorm Wind (G56)
									The awning and marquee of the historic Texas Theater on Waco Street was torn off. Support cables for the awning were also pulled from the wall.
TXZ158									
Bell									
	18	0018CST			0	0	1K		Strong Wind
									A tree fell over and blocked a road in Nolanville.
Falls County									
Marlin	22	1500CST			0	0	5K		Thunderstorm Wind (G50)
									A tree was uprooted and fell on power lines. Garbage cans, lawn furniture, and tree limbs were also blown around.
TXZ104									
Collin									
	25	1100CST			0	0	17K	2.4K	Wildfire
									A cigarette thrown from a car ignited a field, a barn, and twelve bales of hay about 3 miles east-southeast of McKinney. The hay was valued around \$2,400.
Anderson County									
Palestine to Neches	25	1420CST 1445CST			0	0	20K		Thunderstorm Wind (G61)
									Numerous trees were split and blown down along U.S. 79 and CR 367 between Palestine and Neches. Tree limbs and lawn furniture were blown across yards, and a window of a house was broken.
Bell County									
Belton	28	2000CST			0	0	50K		Lightning
									Lightning struck and split a marble slab near the front entrance of the University of Mary Hardin-Baylor. The strike damaged the school's telephone and sprinkler systems. Most of the telephones and wiring on the campus had to be replaced.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North Panhandle									
TXZ017		Randall							
	04	1930CST			0	0			Wildfire
	05	1700CST							
	A wildfire seventeen miles southeast of Canyon was caused by lightning and burned three hundred acres. No structural damage and no injuries were reported.								
Gray County									
1 E Mc Lean	05	1935CST			0	0			Thunderstorm Wind (G58)
	A severe thunderstorm over the east-central Texas panhandle produced high winds during the evening hours. No damage and no injuries were reported.								
TXZ018		Armstrong							
	11	2035CST			0	0			Wildfire
	12	1700CST							
	A wildfire eleven and a half miles southwest of Goodnight was caused by lightning and burned six hundred and forty acres. No structural damage and no injuries were reported.								
Potter County									
2 SSW Amarillo	12	1445CST			0	0			Hail (0.88)
Potter County									
2.5 SSE Amarillo	12	1454CST			0	0			Hail (1.00)
	Reported by Bell Helicopter.								
Potter County									
Amarillo	12	1457CST			0	0			Hail (0.88)
Moore County									
2 SW Cactus	12	1900CST			0	0			Thunderstorm Wind (G52)
Lipscomb County									
Booker	12	2135CST			0	0			Hail (1.00)
	Severe thunderstorms across the central and northeast Texas panhandle produced hail and high winds during the afternoon and evening hours. No damage and no injuries were reported.								
Potter County									
19 N Amarillo	15	1600CST			0	0			Hail (0.88)
TXZ001		Dallam							
	15	1610CST			0	0			High Wind (G52)
	Non-thunderstorm wind gust in Texline moved a weighted down canoe and soilfilled trash can.								
Potter County									
19 N Amarillo	15	1631CST			0	0			Hail (1.75)
Potter County									
19 N Amarillo	15	1631CST			0	0			Thunderstorm Wind (G52)
	Severe thunderstorms over the south-central Texas panhandle produced hail and high winds during the early evening hours. A high wind not associated with a thunderstorm moved some heavy objects in the extreme northwest Texas panhandle during the early evening hours. No damage and no injuries were reported.								
TXZ012		Potter							
	15	1718CST			0	0			Wildfire
	16	1700CST							
	A wildfire eight miles north of Amarillo burned six hundred acres and was caused by lightning. No structural damage and no injuries were reported.								
TXZ006		Hartley							
	15	1800CST			0	0	275K		Wildfire
	17	1700CST							
	A wildfire one and a half miles northeast of Romero burned five hundred and fifty acres was started by lightning. Firefighters reported four to eight foot flame lengths and caused damage to openland. No structural damage and no injuries were reported.								
TXZ011		Oldham							
	15	1900CST			0	0	12.5M		Wildfire
	22	1700CST							
	A wildfire twenty-two miles west northwest of Adrian burned twenty-five thousand acres and was started by lightning. The wildfire caused damage to rangeland...however no structural damage and no injuries were reported. Firefighters reported four to eight foot flame lengths.								
TXZ006		Hartley							
	15	2000CST			0	0	2.5M		Wildfire
	20	1700CST							
	A wildfire two and a half miles northeast of Romero off U.S. Highway 54...which was started by lightning...burned five thousand								

Storm Data and Unusual Weather Phenomena

June 2006

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 Panhandle									
									acres and caused damage to rangeland. Firefighters reported eight to eleven foot flame lengths along with crowning...torching and spotting control problems. No structural damage and no injuries were reported.
Armstrong County 25 S Claude	16	1455CST			0	0			Hail (1.00)
Carson County Conway	16	1515CST			0	0			Thunderstorm Wind (G52)
Armstrong County 5 NNW Claude	16	1517CST			0	0			Thunderstorm Wind (G52)
Hutchinson County Borger	16	1520CST			0	0			Hail (0.88)
Hutchinson County Borger	16	1520CST			0	0			Hail (1.75)
									Hail fell across the southern and western sections of the city of Borger.
Donley County Ashtola	16	1535CST			0	0			Hail (1.00)
Hutchinson County Stinnett	16	1535CST			0	0			Hail (0.88)
Armstrong County 5 SE Goodnight	16	1540CST			0	0			Thunderstorm Wind (G56)
									Numerous cottonwood trees of substantial size were reported damaged on ranch property.
Carson County White Deer	16	1547CST			0	0			Thunderstorm Wind (G70)
Gray County Kings Mill	16	1558CST			0	0	8K		Thunderstorm Wind (G52)
									Report of windows blown out of vehicles along with trees and power line blown down.
Gray County 2 E Pampa	16	1600CST			0	0			Thunderstorm Wind (G53)
Donley County 6 W Clarendon	16	1615CST			0	0			Hail (1.75)
Gray County Pampa	16	1615CST			0	0	54K		Thunderstorm Wind (G70)
Gray County Lefors	16	1630CST			0	0			Hail (0.88)
Roberts County 8 NW Miami	16	1632CST			0	0			Thunderstorm Wind (G70)
Gray County 1 E Mc Lean	16	1635CST			0	0			Thunderstorm Wind (G56)
Donley County Ashtola	16	1638CST			0	0			Thunderstorm Wind (G52)
Hemphill County 13 SSE Mendota	16	1700CST			0	0			Thunderstorm Wind (G52)
Wheeler County 3 E New Mobeetie	16	1705CST			0	0	12K		Thunderstorm Wind (G61)
									Hay barn reported blown two hundred yards by the high winds at County Road 9 and Farm to Market Road 1046.
Wheeler County Allison	16	1710CST			0	0			Thunderstorm Wind (G52)
Wheeler County 5 N Wheeler	16	1710CST			0	0			Hail (0.75)
Wheeler County Wheeler	16	1719CST			0	0			Thunderstorm Wind (G56)
									Report of six to ten inch diameter tree branches blown down along State Highway 152.
Donley County 18 N Hedley	16	1730CST 1740CST			0	0			Thunderstorm Wind (G52)
Gray County Alanreed	16	1730CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 2006

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 Panhandle									
Gray County 2 W Mc Lean	16	1730CST			0	0	53K		Thunderstorm Wind (G70)
									Report of two tractor trailers jackknifed.
Gray County Alanreed	16	1740CST			0	0			Hail (1.00)
Gray County 2 W Mc Lean	16	1743CST			0	0			Hail (2.50)
Wheeler County 1 W Wheeler	16	1808CST			0	0			Hail (0.88)
Gray County Mc Lean	16	1822CST			0	0			Hail (0.88)
Wheeler County 11 W Shamrock	16	1825CST			0	0			Hail (1.25)
Wheeler County 4 N Twitty	16	1847CST			0	0			Hail (0.75)
Wheeler County 4 N Twitty	16	1847CST			0	0			Thunderstorm Wind (G61)
Wheeler County 12 ESE Wheeler	16	1850CST			0	0			Thunderstorm Wind (G50)
Wheeler County 12 ESE Wheeler	16	1900CST			0	0			Hail (0.88)
Collingsworth County 2 S Dozier	16	2025CST			0	0			Hail (1.00)
									Isolated severe thunderstorms over the southcentral Texas panhandle produced a few reports of hail and high wind. Severe thunderstorms slightly further north developed into an extreme damaging wind event across the eastern Texas panhandle during the late afternoon and early evening hours. Although some damage was reported from the high winds...no injuries were reported.
Lipscomb County 4 NW Follett	18	1948CST			0	0			Hail (1.00)
Lipscomb County Follett	18	1952CST			0	0			Thunderstorm Wind (G52)
Lipscomb County 8 E Follett	18	1955CST			0	0			Hail (1.00)
									Severe thunderstorms across the extreme northeast Texas panhandle produced hail and high winds during the evening hours. No damage and no injuries were reported.
TXZ005 Lipscomb 19		1600CST			0	0	6K		Wildfire
	20	1700CST							A wildfire three miles east of Darrrouzett burned four hundred and eighty acres and was caused by trains. No injuries were reported...however one outbuilding was destroyed.
Deaf Smith County 10 NNW Hereford	21	1445CST 1450CST	0.1	25	0	0			Tornado (F0)
									A very thin landspout tornado based on video footage. No reports of damage or injuries and the path length and path width were estimated. The tornado remained over open country.
Potter County 5 N Amarillo	21	1458CST			0	0			Hail (0.88)
Carson County 7 WNW Mc Bride	21	1512CST			0	0			Hail (0.88)
									Reported on the Potter and Carson county line about one and a half miles west of Wilhelm Texas in Carson county.
Carson County 5 N Pantex	21	1515CST			0	0			Hail (1.00)
Potter County 3 NW Amarillo	21	1520CST			0	0			Hail (0.75)
Potter County 6 W Amarillo	21	1520CST			0	0			Hail (1.00)
Potter County 4 W Amarillo	21	1522CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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 Panhandle									
Potter County 5 W Amarillo	21	1523CST			0	0			Hail (0.75)
Deaf Smith County Hereford	21	1532CST			0	0			Hail (0.75)
Sherman County Stratford	21	1537CST			0	0			Hail (1.00)
Randall County 3 SW Amarillo	21	1550CST			0	0			Hail (0.75)
Carson County Panhandle	21	1609CST			0	0			Hail (1.00)
Carson County Panhandle	21	1616CST			0	0			Hail (0.88)
Hansford County 5 N Gruver	21	1630CST 1635CST	0.2	50	0	0			Tornado (F0)
Small landspout tornado reportedly remained over open country. No damage and no injuries were reported. The path length and path width were estimated.									
Armstrong County 9 S Washburn	21	1637CST			0	0			Hail (0.88)
Hansford County 5 W Spearman	21	1638CST 1645CST	0.2	50	0	0			Tornado (F0)
A small landspout tornado was confirmed by photographs. No damage and no injuries were reported. Path length and path width were estimated. The tornado remained over open country.									
Randall County 7 S Amarillo	21	1640CST			0	0			Thunderstorm Wind (G52)
Armstrong County 7 W Claude	21	1704CST			0	0			Hail (0.75)
Armstrong County 7 W Claude	21	1704CST			0	0			Thunderstorm Wind (G52)
Hansford County 3 NW Spearman	21	1715CST			0	0			Hail (0.88)
Hansford County Gruver	21	1738CST			0	0			Hail (1.00)
Sherman County 23 SE Lautz	21	1808CST 1810CST	0.1	25	0	0			Tornado (F0)
A small landspout tornado remained over open country. The path width and path length were estimated. No damage or injuries were reported.									
Hansford County 7 W Gruver	21	1810CST 1820CST	0.2	50	0	0			Tornado (F0)
A landspout tornado remained over open country. The path length and path width were estimated. No damage or injuries were reported.									
Ochiltree County 10 W Perryton	21	1939CST			0	0			Thunderstorm Wind (G52)
Ochiltree County 8 SW Perryton	21	1948CST			0	0			Hail (0.88)
Ochiltree County 9 SW Perryton	21	1949CST			0	0			Hail (1.00)
Ochiltree County 8 SSW Perryton	21	1952CST			0	0			Hail (1.00)
Severe thunderstorms producing large hail...high winds...and several small landspout tornadoes during the late afternoon and into the evening hours initiated along a frontal boundary and surface trough across the Texas panhandle. No damage or injuries were reported.									
Hutchinson County Borger	22	1620CST			0	0			Hail (0.75)
Reported in downtown Borger.									

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Hutchinson County									
3 W Borger	22	1625CST			0	0			Hail (0.75)
Carson County									
8 NNW Mc Bride	22	1635CST			0	0			Hail (1.75)
Moore County									
10 SE Sunray	22	1807CST			0	0			Hail (0.88)
Dallam County									
20 NW Dalhart	22	1835CST			0	0			Thunderstorm Wind (G52)
Hartley County									
4 WSW Dalhart	22	1845CST			0	0			Thunderstorm Wind (G56)
Hartley County									
2 S Dalhart	22	1853CST			0	0			Thunderstorm Wind (G64)
Dallam County									
8 NW Dalhart	22	1855CST			0	0			Hail (0.88)
Dallam County									
10 N Dalhart	22	1857CST			0	0			Thunderstorm Wind (G52)
Hartley County									
Hartley	22	1916CST			0	0			Thunderstorm Wind (G52)
Hartley County									
Hartley	22	1917CST			0	0			Thunderstorm Wind (G52)
Sherman County									
14 S Stratford	22	1919CST			0	0			Thunderstorm Wind (G52)
Moore County									
5 SW Cactus	22	1934CST			0	0	12K		Thunderstorm Wind (G65)
Two grain bins reported to be overturned by the high winds.									
Oldham County									
6 N Boys Ranch	22	1945CST			0	0			Hail (0.88)
Hartley County									
5 W Hartley	22	1948CST 2130CST			0	0			Flash Flood
Numerous county roads reported flooded by heavy rainfall.									
Hansford County									
Gruver	22	2015CST			0	0			Thunderstorm Wind (G50)
Oldham County									
Adrian	22	2020CST			0	0			Thunderstorm Wind (G52)
Ochiltree County									
3 E Perryton	22	2027CST			0	0			Thunderstorm Wind (G52)
Roberts County									
25 NW Miami	22	2052CST			0	0			Thunderstorm Wind (G52)
Roberts County									
25 NW Miami	22	2103CST			0	0			Thunderstorm Wind (G52)
Severe thunderstorms across the northern...western and central Texas panhandle produced damaging winds and hail during the evening hours. No injuries were reported.									
Dallam County									
9 W Dalhart	25	1648CST	0.1	25	0	0			Tornado (F0)
The small tornado was on the ground for less than a minute and remained over open country. No damage and no injuries were reported. The path length and path width were estimated.									
A severe thunderstorm over the northwest Texas panhandle during the early evening hours produced a brief landspout tornado.									
<u>TEXAS, Northeast</u>									
Shelby County									
Center	05	1405CST			0	0			Thunderstorm Wind (G54)
Large pine trees were downed by high winds...taking out powerlines and blocking Hwy 87.									
Bowie County									
De Kalb	06	1637CST			0	0			Hail (0.75)
Bowie County									
Hooks	06	1640CST			0	0			Thunderstorm Wind (G56)
Trees were downed.									

Storm Data and Unusual Weather Phenomena

June 2006

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, Northeast</u>									
Red River County 2 NE Clarksville	06	1640CST			0	0	5K		Thunderstorm Wind (G58) Several trees were downed and a barn was damaged near the intersection of Hwy 1159 and Hwy 82.
Bowie County Hooks	06	1640CST			0	0			Hail (1.00)
Bowie County 2 E Hooks	06	1650CST			0	0			Thunderstorm Wind (G52) Gust estimated by Storm Chaser in the town of Red Lick.
Morris County 3 W Omaha	06	1745CST			0	0			Thunderstorm Wind (G55) Trees downed on Hwy 67.
Cass County Linden	06	1750CST			0	0	15K		Thunderstorm Wind (G58) Reports of several rural buildings with wind damage.
Marion County Jefferson	06	1810CST			0	0			Thunderstorm Wind (G58) Several trees were blown down...mainly over the eastern portions of the county.
Harrison County 6 N Marshall	06	1855CST			0	0			Thunderstorm Wind (G56) Trees downed.
Harrison County 8 E Marshall	06	1913CST			0	0			Thunderstorm Wind (G56) Trees downed.
Panola County 10 W Carthage	25	1500CST			0	0			Thunderstorm Wind (G56) Trees downed 1 mile south of US-79 in the community of Fair Play.
<u>TEXAS, South</u>									
Brooks County 7 W Encino	02	0710CST 0810CST			0	0			Flash Flood Flash flooding was reported near the entrance to the King Ranch after 4 inches of rain fell in a short period of time.
Kenedy County 15 SSE Norias	14	1755CST			0	0			Hail (1.00)
Jim Hogg County Hebronville	20	1908CST 2200CST			0	0	25K		Flash Flood Thunderstorms produced 7 inches of rain in a short period of time in Hebronville. The runoff from this rainfall quickly produced street flooding and flooding of low-lying that affected businesses and homes. Additionally, the creek that runs through Hebronville went over its banks.
<u>TEXAS, South Central</u>									
Val Verde County North Portion	17	0300CST 0500CST			0	0			Flash Flood Thunderstorms early in the morning of June 17 produced widespread rain totals of between 1 and 2 inches over northern Val Verde County. Highest totals were near 4 inches about 8 miles northwest of Juno. Flash flooding closed sections of SH163 and FM189 just before sunrise for 1 to 2 hours.
Burnet County Oakalla to Briggs	24	0630CST 0730CST			0	0			Flash Flood Thunderstorms that developed near sunrise in northeast Burnet County remained nearly stationary for four hours, producing 1 to 2 inch totals between Okalla and Briggs. Highest amounts were 5 inches near Okalla. FM963 and FM 2657 were closed due to flash flooding.
Val Verde County Del Rio	30	1500CST 1630CST			0	0			Flash Flood Mid-afternoon showers and thunderstorms remained nearly stationary for three hours over the Del Rio area, producing 2 to 3 inches of rain and causing widespread street flooding. Several low water crossings were closed in the late afternoon due to high water.

Storm Data and Unusual Weather Phenomena

June 2006

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

TEXAS, South Central

Dimmit County

Asherton	30	1730CST 1900CST			0	0			Flash Flood
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Showers and thunderstorms formed between Carrizo Springs and Catarina in Dimmit County, producing general 1 to 2 inch rain totals. Up to 4 inches of rain was indicated near Asherton, where the public reported flash flooding over low water crossings and secondary roads through the early evening.

TEXAS, South Panhandle

TXZ021>026

Parmer - Castro - Swisher - Briscoe - Hall - Childress									
	01	0000CST			0	0	0	60M	Drought
	30	2359CST							

The long-term drought that began in late 2005 over much of the Southern Plains of the U.S. persisted over the extreme southern Texas Panhandle through the month of June, where severe (D2) drought conditions were observed. Although weather and soil conditions remained extremely dry, drought conditions were temporarily downgraded to moderate (D1) over the remainder of the west Texas South Plains region. This downgrade was due to scattered rainfall that fell during numerous episodes of spring and early summer convection over the region; yet rainfall totals through the month were generally around fifty percent of climatological averages. Local farmers and agricultural officials began to report losses by mid June, when dryland cotton crops across the South Plains initially failed to emerge. At least 300,000 acres of cotton were destroyed due to the lack of water during the second half of the month.

Many cotton crops also were destroyed by drought related haboobs and other convectively triggered dust storms. At least 10,000 acres of drought-stressed crops were destroyed by the haboob on June 22nd. Local media sources, farmers, and agricultural agents fear that economic losses will be significant later in the growing season if the drought continues or intensifies.

In addition, many area ranchers were forced to begin selling cattle pre-maturely due to drought-related hardships. The lack of rain during the growing season resulted in poor hay crops. This caused the price of hay to skyrocket past \$130 per ton; up from only \$80 per ton one year ago. Ranchers have had difficulty affording hay to feed the cattle, thus many head of cattle have been sold at very early ages resulting in lower selling prices.

Crosby County

1 SE Ralls	11	1545CST			0	0	0	0	Thunderstorm Wind (G52)
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An isolated severe thunderstorm produced 60 MPH wind gusts as measured by the West Texas Mesonet site near Ralls. No damage was reported.

Briscoe County

5 N Quitaque to Quitaque	12	1540CST 1545CST			0	0	0.50K	0	Thunderstorm Wind (G53)
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Severe winds, accompanied by small hail, damaged tents at Caprock Canyon State Park. In addition, an automated weather station operated by a local television station recorded a severe thunderstorm wind gust of 61 MPH in Quitaque. No injuries were reported.

Crosby County

6 N Crosbyton	12	1824CST 1826CST			0	0	15K	0	Thunderstorm Wind (G52)
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The Crosby County Sheriff's Office reported that damaging thunderstorm winds blew down several power poles and utility wires along Farm to Market Road 651 north of Crosbyton. A chimney was additionally blown down, damaging a nearby residence.

Crosby County

Lorenzo	12	2015CST			0	0	0	0	Hail (1.00)
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Hail that ranged in size from peas to quarters was reported in Lorenzo.

Strong to severe thunderstorms affected portions of the west Texas South Plains late on the 12th. A few storms produced damaging wind gusts, and one severe storm resulted in large hail. Reports of damage were limited to light structural damage and downed utility poles.

Swisher County

2 ENE Tulia to 15 NE Tulia	16	1405CST 1415CST			0	0	150K	0	Thunderstorm Wind (G55)
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A severe thunderstorm resulted in a swath of damaging winds from just northeast of Tulia to Vigo Park. The West Texas Mesonet Site near Tulia initially measured a 63 MPH wind gust at 14:05 CST. As the storm and associated severe winds propagated east-northeast, at least twelve utility poles were snapped two miles west of Vigo Park. Two "substantial" barns were destroyed one quarter of a mile west of Vigo Park.

Swisher County

15 NE Tulia to 16 NE Tulia	16	1415CST 1506CST			0	0	0	0	Hail (1.75)
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Large hail that ranged in size from quarters to golfballs fell in and near Vigo Park for fifty minutes. The hail accumulated to a depth of three inches on the ground. No damage was reported.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Panhandle									
Briscoe County 18 NNW Silverton	16	1523CST			0	0	0	0	Hail (1.00)
									Quarter size hail was reported along Texas Highway 207 north of MacKenzie Reservoir.
Motley County 6 NW Matador	16	1735CST 1740CST			0	0	0	0	Hail (1.00)
									A motorist reported quarter size hail over Texas Highway 70 northwest of Matador.
Childress County 6 N Childress	16	1820CST 1835CST			0	0	0	0	Hail (1.00)
									The Childress County Sheriff's Office reported quarter size hail along U.S. Highway 62/83 north of Childress.
Cottle County 10 N Paducah to 15 N Paducah	16	1840CST 1855CST			0	0	0	0	Hail (1.25)
									Several motorists reported large hail up to the size of half dollars along U.S. Highway 62/83 in northern Cottle County.
Childress County (Cds)Childress Arpt	16	1845CST			0	0	0	0	Thunderstorm Wind (G61)
									An Automated Surface Observing System located at the Childress Airport measured severe thunderstorm wind gusts up to 70 MPH.
Childress County 6 N Childress	16	1900CST			0	0	0	0	Hail (1.00)
									Law enforcement officials reported that a second severe thunderstorm produced quarter size hail north of Childress along U.S. Highway 62/83.
Kent County 16 SW Clairemont	16	1915CST 1920CST			0	0	0	0	Thunderstorm Wind (G61)
									A trained storm spotter estimated severe thunderstorm wind gusts in excess of 70 MPH in association with a microburst over extreme southwestern Kent County.
Childress County 22 NNE Childress	16	1930CST			0	0	0	200K	Hail (1.00)
									A farmer reported that a cotton field was destroyed by large hail in rural northeastern Childress County. The hail, measuring at least one inch in diameter, was accompanied by severe thunderstorm winds.
Childress County 22 NNE Childress	16	1930CST			0	0	20K	100K	Thunderstorm Wind (G52)
									A barn was destroyed in rural northeastern Childress County. In addition, the damaging winds combined with large hail to destroy a cotton crop.
Kent County Clairemont	16	1935CST			0	0	0	0	Hail (1.50)
									The public reported ping-pong ball size hail in Clairemont.
King County 10 ESE Guthrie	16	2030CST			0	0	0	0	Hail (0.75)
									A motorist reported three-quarter inch diameter hail along U.S. Highway 82 east of Guthrie. Isolated to scattered severe storms erupted along a dryline over the eastern portions of the west Texas South Plains and the extreme southeastern Texas Panhandle during the late afternoon and evening hours of the 16th. A few of the storms maintained supercellular characteristics, and produced large hail up to the size of golfballs and damaging thunderstorm wind gusts. Several barns were destroyed along with cotton crops over the extreme southeastern Texas Panhandle.
King County Guthrie	17	1745CST			0	0	0	0	Thunderstorm Wind (G52)
									The public reported severe thunderstorm wind gusts to at least 60 MPH. No reports of significant damage were received.
Kent County 12 SSE Clairemont	17	1825CST			0	0	0	0	Hail (0.75)
									Motorists returning to their rural residence between Texas Highway 70 and Farm to Market Road 208 in southern Kent County encountered three-quarter inch diameter hail covering the ground in drifts. Event time is estimated by radar given that the severe storm that produced the hail had already departed the area when the hail drifts were discovered. Isolated to scattered convection developed near a frontal boundary and surface trough triple point over the Rolling Plains of west Texas during the late afternoon and early evening of the 16th. A few storms became severe with hail and 60 MPH wind gusts.
TXZ023-035 Swisher - Lubbock	21	1950CST 2316CST			0	0	320K	0	High Wind (G63)
									A complex of non-severe thunderstorms propagated over the west Texas South Plains region during the evening of the 21st. A series of wake-lows developed along the back edge of the convection. At least two of these features resulted in severe wind gusts

Storm Data and Unusual Weather Phenomena

June 2006

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

that caused damage across portions of Swisher and Lubbock Counties.

Winds that were measured by the West Texas Mesonet at speeds up to 72 MPH severely damaged a mobile home near Vigo Park (Swisher County) around 20:00 CST. More than two and a half hours later, winds measured by the West Texas Mesonet, the Automated Surface Observing System at Lubbock International Airport, and at the National Weather Service Forecast Office, reached speeds up to 68 MPH. These winds destroyed a barn, blew the roof off of a mobile home, and downed road signs from Shallowater to Lubbock (Lubbock County). The most significant damage occurred near Idalou, where severe winds caused extensive damage to the Lubbock Children's Home facility. Roofs were blown off of several structures, and large trees were uprooted. No injuries were reported.

Crosby County

**13 NE Crosbyton to
Ralls**

22	1418CST 1445CST	0	0	20K	0	Thunderstorm Wind (G53)
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A complex of convection produced widespread strong to severe winds over the central and southern South Plains region of west Texas during the afternoon hours of the 22nd. The public initially reported thunderstorm wind gusts that were estimated to exceed 60 MPH in rural portions of northeastern Crosby County at 14:18 CST. By 14:23 CST, local law enforcement officials had reported that numerous utility poles and wires had been blown down along Farm to Market Road 651, and that electricity outages were widespread in the vicinity of Ralls and Crosbyton. Severe thunderstorm winds were observed to continue eastward over northern Crosby County during the next twenty minutes. At 14:45 CST the West Texas Mesonet site near Ralls recorded a gust up to 61 MPH. No additional damage was reported.

Lubbock County

**1 SW Idalou to
6 WNW New Deal**

22	1440CST 1500CST	0	0	50K	0	Thunderstorm Wind (G61)
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Severe thunderstorm winds caused damage at the Lubbock Children's Home near Idalou. This occurred less than twenty-four hours after the facility suffered extensive damage from high winds during the late evening hours of the 21st. Several additional large trees were uprooted, and an outbuilding was destroyed. The administrators at the Lubbock Children's Home reported that all of the resident children and staff were sent to underground storm shelters before the storm struck. No injuries were reported. A severe wind gust up to 60 MPH was recorded by a West Texas Mesonet site in northern Lubbock County as the storms continued to propagate west-southwestward.

Storm Data and Unusual Weather Phenomena

June 2006

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

TEXAS, South Panhandle

TXZ034>035-039>041	Hockley - Lubbock - Yoakum - Terry - Lynn								
		22	1450CST		0	0	640K	1.5M	Dust Storm
			1645CST						



A haboob is shown advancing southward toward Brownfield, Texas, at 15:45 CST on the 22nd. The dust storm contributed to life-threatening travel conditions along a major U.S. highway. One motorist was killed and fifteen others were injured. At least twenty-seven vehicles were involved in twelve collisions. Wind-blown dust destroyed cotton crops and resulted in extensive agricultural losses. Photo courtesy: Dennis Dean - Brownfield, Texas.

A severe dust storm affected much of the southwestern South Plains of west Texas during the afternoon and early evening of the 22nd. The dust storm was a classic haboob, characterized by a visually dramatic and densely whirling wall of dust. The haboob was associated with a strong outflow boundary that propagated southwestward from a complex of severe storms over the central portions of the South Plains. Winds associated with the outflow were generally sustained in the 30 MPH range, with a peak wind gust measured by the West Texas Mesonet of 54 MPH. Dust storm conditions were reported over the five county area of Lubbock, Hockley, Terry, Yoakum, and Lynn Counties, however, radar and satellite imagery suggests that the effects of the haboob were widespread over the western and southern portions of the greater South Plains region.

Visibilities in blowing dust were reduced to zero along U.S. Highway 62/82 southwest of Lubbock. At least twenty-seven multi-vehicle accidents were reported between Ropesville and Brownfield. An elderly man was killed when his vehicle impacted the rear of a jack-knifed tractor-trailer. Fifteen other motorists were injured in the series of chain collisions (fatality and injuries were deemed as "indirect" per National Weather Service Directive 10-1605). The fatality accident occurred at 15:50 CST approximately five miles northeast of Brownfield.

In addition, the haboob destroyed an estimated 10,000 acres of cotton across the southwestern South Plains, as wind-driven dust reportedly "burned" the young cotton plants, stripping leaves off of the already drought-stressed plants.

Lubbock County
2 NE Slaton

		22	1500CST		0	0	0	0	Thunderstorm Wind (G52)

The West Texas Mesonet site near Slaton additionally measured a severe thunderstorm wind gust as a complex of storms affected portions of Lubbock County. No damage was reported in the Slaton vicinity.

Storm Data and Unusual Weather Phenomena

June 2006

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

Garza County

Post to 9 ENE Justiceburg	22	1525CST 1622CST			0	0	30K	0	Thunderstorm Wind (G63)
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Damaging winds spread southward over Garza County as a large complex of severe thunderstorms impacted the area during the late afternoon hours on the 22nd. Storm spotters initially estimated wind gusts up to 70 MPH in Post at 15:23 CST. By 15:25 CST, local authorities reported that many large trees and utility lines had been blown down in the city. The Texas Tech West Texas Mesonet observations indicated peak gusts to 73 MPH in the vicinity. The severe winds began to affect the Lake Alan Henry area by 16:10 CST, when a gust of 69 MPH was recorded by the West Texas Mesonet near the lake. Severe thunderstorm winds intermittently gusted to near 70 MPH at the lake until 16:22 CST. A local newspaper additionally reported that some minor structural damage also occurred in Post. No injuries were reported.

Garza County

5 SSW Graham Chape	22	1615CST			0	0	0	0	Thunderstorm Wind (G59)
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As the convective complex propagated southward over Garza County, additional severe gusts were recorded by the West Texas Mesonet site near Graham. No damage was reported.

Lynn County

1 N Odonnell	22	1615CST			0	0	0	0	Thunderstorm Wind (G53)
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The West Texas Mesonet site near O' Donnell recorded a severe thunderstorm wind gust of 61 MPH. The winds were accompanied by blowing dust that restricted visibilities to near zero.

Lamb County

6 S Olton	22	2210CST			0	0	0	0	Thunderstorm Wind (G52)
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A severe thunderstorm wind gust of 60 MPH was measured by the West Texas Mesonet site near Olton.

Hale County

5 ENE Abernathy	22	2240CST			0	0	0	0	Thunderstorm Wind (G52)
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A severe thunderstorm wind gust of 60 MPH was measured by the West Texas Mesonet site near Abernathy. A large complex of severe thunderstorms erupted over the central South Plains of west Texas during the afternoon and evening hours of the 22nd. The storms produced severe winds that damaged structures and downed power lines. The most significant damage occurred in northeastern Lubbock County, where thunderstorm winds caused damage to the Children's Home of Lubbock. The facility was damaged for the second time in less than twenty-four hours by severe winds. Fortunately, administrators at the facility took pro-active measures upon hearing severe weather warnings, and moved all of the resident children and staff into storm shelters. No injuries were reported. Electrical outages also were widespread across the central South Plains, with reports of downed utility lines and poles common.

Outflow from the convective complex generated a haboob that caused high-end weather impacts over the southwestern half of the South Plains. Blowing dust reduced visibilities to near zero across a widespread area covering four counties, and contributed to at least twelve auto-accidents along a portion of U.S. Highway 62/82 between Lubbock and Brownfield. One motorist was killed, and fifteen others were injured. The haboob also was responsible for massive agricultural losses, as wind-driven dust "burned" young cotton crops. Total event damages were estimated to exceed \$2.2 million.

TEXAS, Southeast

Orange County

Mauriceville	19	0700CST 0900CST			0	0	5K		Flash Flood
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With over five inches of rain, several roads were impassable around Mauriceville.

TEXAS, West

Midland County

Midland	01	1123CST 1400CST			0	0	0	0	Flash Flood
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Broadcast media reported nine inches of water flowing across the intersection of Garfield Street and Mockingbird Lane in Midland. In addition, the Midland Emergency Operations Center reported flooding at A Street and Scharbauer Drive.

Howard County

4 SW Big Spring	16	1803CST			0	0	0	0	Thunderstorm Wind (G50)
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The Automated Weather Observing System at the Big Spring Airport (KBPG) recorded a 58 mph wind gust.

Howard County

Big Spring	16	1812CST			0	0	0	0	Hail (0.88)
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Midland County

11 SSE Midland	16	1815CST			0	0	0	0	Hail (0.88)
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An amateur radio operator reported nickel size hail and approximately 70 mph winds.

Midland County

11 SSE Midland	16	1815CST			0	0	0	0	Thunderstorm Wind (G61)
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An amateur radio operator reported nickel size hail and approximately 70 mph winds.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, West</u>									
Borden County 14 E Gail	16	1855CST			0	0	0	0	Thunderstorm Wind (G50)
									Two to three inch diameter tree branches were broken off by severe thunderstorm winds.
Scurry County 3 SW Snyder to Snyder	16	1906CST 1911CST			0	0	0	0	Hail (1.00)
									Pea to quarter size hail fell in and around Snyder. Reports of minor damage were received.
Scurry County 3 SW Snyder	16	1906CST 1913CST			0	0	10K	0	Thunderstorm Wind (G65)
									The Automated Weather Observing System at Winston Field Airport outside of Snyder (KSNK) recorded a wind gust of 75 mph. Shortly thereafter, the public reported 70 mph winds near the Scurry/Kent County line. The severe wind snapped six inch diameter trees seven feet off the ground, and downed two utility poles.
Glasscock County 9 N Garden City	16	1920CST			0	0	5K	0	Thunderstorm Wind (G50)
									The public reported that winds had damaged windmills, irrigation pivots, and had blown a tractor over north of Garden City.
Mitchell County 11 SE Colorado City	16	1945CST			0	0	0	0	Thunderstorm Wind (G53)
									A NWS spotter reported 60 mph winds knocked the electricity out at his house.
Pecos County Sheffield	16	2235CST			0	0	0	0	Thunderstorm Wind (G53)
									The fire chief in Sheffield reported 60 mph winds. No damage was reported.
Terrell County Sanderson	17	0002CST			0	0	2K	0	Thunderstorm Wind (G53)
									The Terrell County Sheriff's Office reported that the roof was blown off of a county owned storage building.
Howard County 1 N Big Spring	17	1619CST			0	0	0	0	Hail (0.88)
Glasscock County Lees	17	1702CST			0	0	0	0	Hail (0.75)
									Soft marble to penny size hail fell in Lees.
Glasscock County 11 SE Garden City	17	1800CST 1805CST			0	0	0	0	Hail (1.75)
									The Glasscock County Sheriff's Office reported that marble size hail remained on the ground along Texas Highway 158 east of Garden City half an hour after the storm passed through. Based on radar and environmental observations, original hail size was estimated to be golfball size.
Gaines County 7 W Seminole to 1 E Seminole	30	1730CST			0	0	5K	0	Thunderstorm Wind (G50)
									The Gaines County Sheriff's Office reported that several power poles were downed near Paynes Corner.
<u>TEXAS, Western North</u>									
Wilbarger County 4 NW Vernon	17	1305CST			0	0			Hail (1.75)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Wilbarger County 5 SW Fargo	17	1315CST			0	0			Hail (0.88)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Wilbarger County 3 N Vernon	17	1315CST			0	0			Hail (1.00)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Wilbarger County 4 N Vernon	17	1317CST			0	0			Hail (1.00)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Wilbarger County 4 SE Fargo	17	1319CST			0	0			Hail (1.25)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Wilbarger County 5 S Fargo	17	1335CST			0	0			Hail (1.50)
									Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Storm Data and Unusual Weather Phenomena

June 2006

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, Western North</u>									
Wilbarger County									
1 W Fargo	17	1345CST			0	0			Hail (0.88)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Wilbarger County									
3 NW Fargo	17	1350CST			0	0			Hail (1.25)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Wilbarger County									
2 N Fargo	17	1350CST			0	0			Hail (1.00)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Wilbarger County									
4 NW Fargo	17	1350CST			0	0			Hail (0.88)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Wilbarger County									
4 NW Fargo	17	1400CST			0	0			Hail (1.75)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Wilbarger County									
1 SW Fargo	17	1400CST			0	0			Hail (0.88)
			Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).						
Hardeman County									
6 S Chillicothe	17	1436CST			0	0			Hail (0.75)
Hardeman County									
Chillicothe	17	1436CST			0	0			Hail (0.75)
Wilbarger County									
1 WSW White City	17	1446CST			0	0			Hail (0.75)
Hardeman County									
Chillicothe	17	1530CST			0	0			Hail (1.75)
<u>UTAH, East</u>									
UTZ022>025-027>029 Southeast Utah - Eastern Uinta Mountains - Eastern Uinta Basin - Tavaputs Plateau - Grand Flat And Arches - La Sal & Abajo Mountains - Canyonlands / Natural Bridges									
	01	0630MST			0	0			Drought
			An early departure of the winter mountain snowpack and little precipitation during the month resulted in continued water supply and agricultural concerns across eastern Utah. Moderate drought conditions persisted across southeast Utah and expanded into portions of east central Utah. For a continuation on this drought situation please see the July 2006 Storm Data publication.						
UTZ025 Tavaputs Plateau									
	01	1200MST			0	0			Wildfire
	06	1200MST							
			This incident was named the Willow Creek Fire and occurred about 55 miles north of Moab, Utah. About 1,278 acres of brush, juniper, and timber were consumed by the blaze with an estimated cost of 1.43 million dollars to fight the fire.						
Grand County									
Moab	06	1800MST 1805MST			0	0	25K		Thunderstorm Wind (G50)
			A microburst blew down a 60 to 70 foot tall healthy cottonwood tree that was about 2 feet in diameter. The tree landed on a pick-up truck and crushed it.						
San Juan County									
Blanding	07	1417MST 1440MST			0	0	175K		Thunderstorm Wind (G55)
			Thunderstorm winds resulted in widespread power outages in Blanding as large trees up to 60 feet tall and tree limbs fell onto power lines. A total of 7 lines were downed and 4 power poles were broken. The majority of the power outages lasted about three and one-half hours. Several homes sustained wind damage, mostly to roofs. Shingles were blown off homes and some metal roofs were blown off or curled up in some places. Trampolines were tossed around yards and neighborhoods, several small sheds were blown over and caused damage to equipment, adjacent homes and vehicles. In one instance a shed was wrapped around a power pole which broke the meter for a nearby trailer. Some portable garages were toppled and caused damage to vehicles. Downed power lines sparked two fires.						
Grand County									
(Cny)Canyonlands Fld	07	1623MST 1628MST			0	0			Thunderstorm Wind (G51)
Grand County									
9 NW Harley Dome	07	1710MST 1715MST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>UTAH, East</u>									
Strong thunderstorm winds were measured at Bryson Canyon RAWS.									
San Juan County 6 N La Sal	07	2200MST 2205MST			0	0			Thunderstorm Wind (G55)
UTZ022		Southeast Utah 10 1400MST 25 1200MST			0	0			Wildfire
This lightning caused incident was named the Navajo Mountain Fire and occurred about 55 miles west of Mexican Hat in San Juan County, Utah. The fire consumed about 3,380 acres of mixed conifer forest containing lots of bug and drought killed trees. A communications site and a public water supply facility were threatened, as well as a number of residences and power lines.									
UTZ027		Grand Flat And Arches 14 1200MST 16 1200MST			0	0			Wildfire
This incident was named the Westwater 2 Fire and occurred about 7 miles northeast of Cisco. About 2,800 acres of pinyon pine, juniper, and grass were consumed by the blaze, and protection was needed for several structures. The cost of fighting the fire was estimated at 22,000 dollars.									
UTZ023		Eastern Uinta Mountains 23 1200MST 27 1200MST			0	0			Wildfire
This incident was named the Pot Hole Fire and occurred about 25 miles northeast of Vernal. About 1,398 acres of sagebrush, grass, and timber were consumed by the blaze. Several residences were threatened by the fire.									
<u>UTAH, West and Central</u>									
Salt Lake County West Jordan	07	0255MST			0	0			Thunderstorm Wind (G56)
KU42, Salt Lake Airport #2									
Tooele County 55 SE (Env)Wendover	07	1245MST			0	0			Thunderstorm Wind (G58)
Dugway Causeway Mesonet									
Tooele County 53 ESE (Env)Wendover	07	1300MST			0	0			Thunderstorm Wind (G59)
Dugway V-grid									
Tooele County 3 W Stockton	07	1445MST			0	0			Thunderstorm Wind (G68)
Davis County 11 SW Clinton	07	1515MST			0	0			Thunderstorm Wind (G65)
Antelope Island									
Tooele County 1 NNW (T62)Tooele	07	1539MST			0	0			Thunderstorm Wind (G65)
4 inch diameter tree ripped out of the ground									
Tooele County Tooele	07	1607MST			0	0			Thunderstorm Wind (G65)
I-80 closed due to trucks blown over									
Box Elder County 18 ESE Lakeside	07	1645MST			0	0			Thunderstorm Wind (G65)
Hat Island									
Kane County Bullfrog	07	1515MST			0	0			Thunderstorm Wind (G65)
numerous gusts between 1600 and 1630 reported by observer.									
UTZ013		San Rafael Swell/Greene River/Hanksville 07 1645MST 1715MST			0	0			Dust Storm
Visibilities less than 1/2 mile in Hanksville									
Emery County 3 W Green River	08	1545MST 1600MST	0.5	.1	0	0			Tornado (F0)
Ropelike tornado observed by an NWS employee and Atmospheric Science Professors a few miles west of Green River. No damage was observed and the tornado was short lived.									

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>UTAH, West and Central</u>									
Davis County									
Bountiful	08	2000MST 2100MST			0	0			Heavy Rain
		1.57" in one hour fell near Bountiful temple resulting in street flooding							
Salt Lake County									
5 E Cottonwood Hgts	08	2120MST 2320MST			0	0	35K		Flash Flood
		part of road up Big Cottonwood washed out. Damage amount estimated.							
Carbon County									
5 S Price	09	1415MST			0	0			Hail (1.00)
		Estimated size...reported by NSSL. 1" hail also reported in Sunnyside and Wellington about the same time.							
Utah County									
3 SSW Springville	09	1645MST			0	0			Hail (1.00)
		Estimated size...reported by NSSL. 0.75" report about the same time just east of this location							
Tooele County									
64 E (Env)Wendover A	09	1600MST			0	0	10K		Thunderstorm Wind (G65)
		Semi blown over near mile marker 64 on I-80							
Utah County									
Spanish Fork	09	1600MST			0	0			Hail (1.00)
		Estimated size							
Box Elder County									
9 N Lakeside	09	1615MST			0	0			Thunderstorm Wind (G73)
		Gunnison Island sensor							
UTZ003-005-015-019									
		Salt Lake And Toole Valleys - Great Salt Lake Desert And Mountains/Wendover/Snowville - West Central Utah/Delta - Utah'S Dixie And Zion National Park							
	13	1323MST 1605MST			0	0			High Wind (G68)
		non-thunderstorms wind gust at Alpine UDOT Sensor. Showers were in the vicinity. Strong winds following a cold front occurred across western Utah. Numerous gusts in the 60-70mph range were reported in Box Elder, Salt Lake, Tooele, Juab, Iron, and Washington counties.							
Utah County									
12 ESE Spanish Fork	30	2030MST 2230MST			0	0			Flash Flood
		Heavy rain resulted in flooding of 3 Forks Creek. Numerous mudslides reported. Campground evacuated by law enforcement.							
<u>VERMONT, North and Central</u>									
Grand Isle County									
Isle La Motte	19	1335EST			0	0	5K		Thunderstorm Wind (G50)
Grand Isle County									
Grand Isle	19	1345EST			0	0	2K		Thunderstorm Wind (G50)
Grand Isle County									
North Hero	19	1345EST			0	0	3K		Thunderstorm Wind (G50)
		A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th and developed a line of thunderstorms, that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, in the form of wind damage, across Grand Isle county, Vermont with numerous trees down in Isle LaMotte as well as large branches and trees down in Grand Isle and North Hero.							
Franklin County									
Swanton	19	1345EST			0	0	5K		Thunderstorm Wind (G50)
Franklin County									
St Albans	19	1355EST			0	0	5K		Thunderstorm Wind (G54)
		A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th and developed a line of thunderstorms, that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, including downed trees along Routes 36 and 78 in Swanton and a measured wind gust of 62 mph in St. Albans.							
Chittenden County									
Shelburne	19	1350EST			0	0	10K		Lightning
		A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of thunderstorms with frequent and dangerous cloud to ground lightning. A thunderstorm moved across Shelburne during the mid-afternoon and produced a lightning strike that killed five cows at a farm off of Harbor Road.							

Storm Data and Unusual Weather Phenomena

June 2006

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							
Chittenden County							
Charlotte	19	1355EST			0 0	5K	Thunderstorm Wind (G50)
Chittenden County							
Colchester	19	1400EST			0 0	4K	Thunderstorm Wind (G50)
Chittenden County							
Essex Center	19	1400EST			0 0	4K	Thunderstorm Wind (G52)
Chittenden County							
Milton	19	1405EST			0 0	2K	Thunderstorm Wind (G50)
Chittenden County							
Richmond	19	1425EST			0 0	2K	Thunderstorm Wind (G50)
Chittenden County							
Underhill	19	1425EST			0 0	3K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th. This resulted in the development of a line of thunderstorms, that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, including downed powerlines in Charlotte, trees down in Richmond, Underhill and Colchester and large branches down in Milton.							
Addison County							
Bridport	19	1415EST			0 0	3K	Thunderstorm Wind (G50)
Addison County							
New Haven	19	1415EST			0 0	5K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th. This led to the development of a line of thunderstorms, that intensified as they moved into the Champlain Valley by early afternoon. These thunderstorms produced severe weather, including downed trees and powerlines in Bridport and New Haven.							
Addison County							
Middlebury	19	1430EST			0 0	5K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance encountered a very warm and humid airmass across northern New York around midday on the 19th. This resulted in the development of several lines of thunderstorms, that intensified as they moved into the Champlain Valley by early to mid-afternoon. A severe thunderstorm moved across Middlebury with damaging winds knocking down trees.							
Washington County							
Waterbury	19	1435EST			0 0	15K	Thunderstorm Wind (G55)
Washington County							
Worcester	19	1435EST			0 0	5K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of several lines of thunderstorms, that intensified as they moved across the state. Severe thunderstorms occurred in Washington county with trees and powerlines blown down in Worcester as well as trees down and a partially torn roof, which was lifted off of a storage shed at the VT Public Safety Complex in Waterbury.							
Lamoille County							
Johnson	19	1436EST			0 0	5K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This led to the development of several lines of thunderstorms, that intensified as they moved across the state. Severe thunderstorms produced damaging winds in Johnson, where there were reports of numerous trees down.							
Rutland County							
Fair Haven	19	1451EST			0 0	5K	Thunderstorm Wind (G50)
Rutland County							
Poultney	19	1510EST			0 0	5K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of several lines of thunderstorms, that intensified as they moved across the state. Severe thunderstorms produced damaging winds in Fair Haven, where several trees were blown down as well as large branches and powerlines blown down in Poultney.							
Orleans County							
Craftsbury	19	1500EST			0 0	2K	Thunderstorm Wind (G50)
A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This led to the development of a line of thunderstorms, that intensified as they moved across the state. Some of these storms were severe, including in Craftsbury where a tree and several large branches were downed by damaging winds.							
Caledonia County							
Hardwick	19	1505EST			0 0	2K	Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VERMONT, North and Central</u>									
Caledonia County									
St Johnsbury	19	1520EST			0	0	8K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of several lines of thunderstorms, that intensified as they moved across the state. Severe thunderstorms moved across northeast Vermont by mid to late afternoon producing damaging winds in Hardwick that resulted in large branches and powerlines blown down. Also, numerous reports of trees and tree branches down in St. Johnsbury on Railroad Street, Crow Hill Road and Spring Street.								
Windsor County									
Bethel	19	1517EST			0	0	5K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of thunderstorms, that intensified as they moved across the state. Some of these storms were severe and produced damaging winds that knocked down trees onto powerlines in Bethel.								
Orange County									
Chelsea	19	1525EST			0	0	5K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This led to the development of a line of thunderstorms, that intensified as they moved across the state. Some of these storms were severe and produced damaging winds that knocked down trees and powerlines in Chelsea.								
Rutland County									
Wallingford	19	1530EST			0	0	3K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This led to the development of several lines of thunderstorms that moved across southern Rutland county with wind damage in the form of several large branches blown down and power outages in Wallingford.								
Essex County									
2 SE Island Pond	19	1530EST			0	0	3K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of thunderstorms that moved across Vermont during the afternoon and entered Essex county. Some of these storms produced damaging winds, which knocked down a few trees and several large branches in Brighton State Park.								
Orange County									
Newbury	19	1600EST			0	0	3K		Thunderstorm Wind (G50)
	A surface trough and mid-level atmospheric disturbance moved into a very warm and humid airmass across Vermont during the afternoon of the 19th. This resulted in the development of several lines of thunderstorms as they moved across Vermont. Some of these storms moved across Orange county and knocked down several large branches and produced power outages in Newbury.								
Caledonia County									
Stannard	20	1141EST			0	0			Hail (1.00)
	A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass around midday of the 20th. This led to the development of scattered thunderstorms in Northeast Vermont, including a severe thunderstorm that produced one inch diameter hail in Stannard.								
Chittenden County									
South Burlington	20	1155EST			0	0			Hail (1.00)
Chittenden County									
Essex Center	20	1200EST			0	0	5K		Thunderstorm Wind (G50)
Chittenden County									
Williston	20	1200EST			0	0	5K		Thunderstorm Wind (G50)
	A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across the Champlain Valley of Vermont. One of these storms produced one inch diameter hail, as well as a 54 mph wind gust at the National Weather Service office in South Burlington. Also, a few small microbursts in northern Williston and Essex knocked down numerous large branches and trees, including a 50-60 foot oak tree that downed powerlines and blocked Route 15 in Essex.								
Addison County									
Orwell	20	1200EST			0	0	5K		Thunderstorm Wind (G50)
	A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during midday of the 20th. This led to scattered thunderstorms across the Champlain Valley, including a severe thunderstorm that moved through Orwell and produced damaging winds that knocked down a few trees, large limbs and powerlines.								
Caledonia County									
4 E Danville	20	1210EST			0	0	10K		Thunderstorm Wind (G50)
	A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. One of these storms produced locally strong winds that toppled trees, blew off an antenna and caused roof damage just east of Danville.								

Storm Data and Unusual Weather Phenomena

June 2006

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

Essex County

Concord 20 1215EST 0 0 5K Thunderstorm Wind (G50)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. One of these storms produced locally strong winds several minutes ahead of the precipitation, that toppled trees and caused power outages in Concord.

Essex County

Concord 20 1220EST 0 0 Hail (1.00)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. One of these storms produced large hail (an inch in diameter) in Concord.

Caledonia County

St Johnsbury 20 1230EST 0 0 Hail (0.88)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. One of these storms produced nickel size hail in St. Johnsbury.

Rutland County

Benson 20 1230EST 0 0 5K Thunderstorm Wind (G50)

Rutland County

Killington 20 1300EST 0 0 5K Thunderstorm Wind (G50)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across central and southern Vermont. These storms produced wind damage that downed trees onto Route 22A in Benson as well as toppling trees onto Route 100 in Killington.

Chittenden County

Richmond 20 1250EST 0 0 5K Thunderstorm Wind (G50)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. Numerous large tree branches and limbs were blown down and onto powerlines in Richmond.

Franklin County

Fairfield 20 1355EST 0 0 Hail (0.88)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across northern Vermont. One of these storms produced nickel size hail in Fairfield.

Chittenden County

5 SW Westford 20 1440EST 0 0 Hail (0.75)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of several rounds of scattered penny size hail near Westford.

Addison County

2 E Ripton 20 1610EST 0 0 Hail (1.00)

A mid-level atmospheric disturbance and surface cold front moved across a moderately unstable airmass during the early afternoon of the 20th. This led to the development of scattered thunderstorms across central Vermont. One of these storms produced one inch diameter sized hail near Ripton.

Addison County

**Orwell 26 1200EST
 2000EST 0 0 15K Flood**

On the morning of the 26th...a deep upper atmospheric trough was located across the Mississippi River Valley, while a quasi-stationary warm front was across the Champlain Valley. This combination allowed copious amounts of moisture to advect northward from the Gulf of Mexico into the Champlain Valley in the form of rain on the 26th. Widespread rainfall totals across the Champlain Valley were 1 to 3 inches, with a concentrated area of 3 to 5 inches from southeast Essex county, New York across Addison county and into Washington county, Vermont. Some observed rainfall totals included Cornwall with 4.5 inches, Orwell with 3.65 inches, South Lincoln with 3.50 inches and Salisbury with 3.05 inches. Several roads were flooded and closed in Orwell and many basements were flooded as well.

Washington County Countywide

**26 1200EST
 1800EST 0 0 20K Flood**

On the morning of the 26th, a deep upper atmospheric trough was located across the Mississippi River Valley, while a quasi-stationary warm front was across the Champlain Valley. This combination allowed copious amounts of moisture to advect northward from the Gulf of Mexico into the Champlain Valley in the form of rain on the 26th. Widespread rainfall totals across the Champlain Valley were 1 to 3 inches, with a concentrated area of 3 to 5 inches from southeast Essex county, New York across Addison county and into Washington county, Vermont. Some observed rainfall totals included Waitsfield with 3.92 inches,

Storm Data and Unusual Weather Phenomena

June 2006

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

Worcester with 3.62 inches, Waterbury Center with 3.60 inches, North Calais with 3.18 inches and Northfield with 2.84 inches. There were a few reports of flooded roads between Warren and Waitsfield, including two washed out culverts on Waitsfield Common Road.

VTZ005

Western Chittenden

27	1015EST 1200EST				0	0	2K		Strong Wind
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On the morning of the 27th, low pressure was located across Ontario with an accompanying cold front across the eastern Great Lakes, while high pressure was located around New Brunswick. The pressure gradient between both systems accounted for brisk low-level flow from the south and southeast of 20 to 30 mph with brief wind gusts that approached 45 mph. These strong winds combined with saturated soil conditions due to recent 2 to 4 inch rainfalls, as well as previous abnormally wet soil conditions, contributed to a tree that fell on Maple Street in Essex Center .

VTZ008

Washington

27	1030EST 1200EST				0	0	10K		Strong Wind
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On the morning of the 27th, low pressure was located across Ontario with an accompanying cold front across the eastern Great Lakes, while high pressure was located around New Brunswick. The pressure gradient between both systems accounted for brisk low-level flow from the south and southeast of 20 to 30 mph with brief wind gusts that approached 45 mph. These strong winds combined with saturated soil conditions due to recent 2 to 4 inch rainfalls, as well as previous abnormally wet soil conditions, contributed to scattered trees blown down in Waterbury and Middlesex, including a tree that blocked Interstate 89 Northbound between Montpelier and Middlesex.

Franklin County

2 W Franklin

29	1700EST				0	0			Hail (0.75)
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Franklin County

3 NW Bakersfield

29	1715EST				0	0	5K		Thunderstorm Wind (G50)
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A mid-level disturbance moved into a marginally unstable airmass across the northern Champlain Valley of Vermont during the afternoon and early evening of the 29th. Scattered thunderstorms developed during the late afternoon and evening, with localized severe weather, including penny size hail near Franklin, along with a tree uprooted and numerous large branches down near Bakersfield.

Chittenden County

2 NW Colchester

29	1705EST				0	0			Hail (0.88)
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Chittenden County

Colchester

29	1705EST				0	0	5K		Thunderstorm Wind (G50)
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A mid-level disturbance moved into a marginally unstable airmass across the northern Champlain Valley of Vermont during the afternoon of the 29th. This accounted for the development of scattered thunderstorms with isolated severe characteristics, such as nickel size hail and trees down near and in Colchester.

Chittenden County

Westford

29	1820EST				0	0			Hail (0.75)
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A mid-level disturbance moved into a marginally unstable airmass across the northern Champlain Valley of Vermont during the afternoon and evening of the 29th. This resulted in the development of scattered thunderstorms, with isolated pulse severe storms, that produced penny size hail in Westford.

Franklin County

Bakersfield

29	1840EST 2200EST				0	0	20K		Flash Flood
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A series of mid-level disturbances moved into a relatively unstable and moist airmass across the northern Champlain Valley of Vermont during the afternoon and evening of the 29th. A series of thunderstorms and tropical-like showers moved over the Bakersfield vicinity during the evening and delivered rainfall of an inch per half hour on already saturated soils. An unofficial spotter reported 3.30 inches in 90 minutes in Bakerfield. The end result was several flooded basements, a few flooded road culverts, some minor washouts on Routes 108 in Bakersfield and some minor road washouts along Route 36 between Bakersfield and Fairfield.

Rutland County

Hubbardton

29	2110EST				0	0	5K		Thunderstorm Wind (G50)
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A series of mid-level disturbances moved into a marginally unstable airmass across the southern Champlain Valley of Vermont during the afternoon and evening of the 29th. This accounted for the development of several rounds of scattered thunderstorms with some pulse severe storms, which resulted in several trees uprooted in Hubbardton.

Franklin County

St Albans

30	1340EST				0	0			Hail (1.00)
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A strong mid-level disturbance, with a cold temperature pool aloft, moved across northern Vermont during the afternoon of the 30th. The instability generated was enough to create isolated thunderstorms across the region, including Quarter size hail (one inch diameter) in St. Albans.

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VERMONT, South</u>									
Bennington County									
Sunderland	19	1543EST			0	0			Hail (0.75)
	A trained spotter reported penny-sized hail in Sunderland.								
Windham County									
Rockingham	19	1624EST			0	0			Thunderstorm Wind (G60)
	Law enforcement personnel reported that trees were blow down in Rockingham. Early in the day on June 19, low pressure was over western Quebec Province with a cold front trailing southwestward to a weak wave over the northern Great Lakes, then southward to the central Mississippi Valley. The air over western New England became more unstable during the day as a moderate west southwesterly breeze brought more moisture into southern Vermont. A few thunderstorms formed toward evening and became severe, producing damaging wind gusts and large hail.								
Windham County									
Cambridgeport	29	1406EST 2006EST			0	0			Flash Flood
	A trained spotter reported that Read Road was completely washed out. Garages were undermined and turned on their sides. Read Road was closed.								
Windham County									
Townshend	29	1530EST 2130EST			0	0			Flash Flood
	An emergency manager reported that Route 35 and other roads were washed out near Townshend. After being nearly stationary while deepening for several days, an upper-level trough from the Great Lakes to the lower Ohio Valley was accelerating eastward at daybreak on June 29. An associated weak low pressure over Lake Erie trailed a cold front through the Ohio Valley. During the day, this system moved rapidly eastward and touched off thunderstorms in the warm, humid air mass over western New England in the early evening. Torrential rainfall produced flash flooding in Windham County.								
<u>VIRGIN ISLANDS</u>									
VIZ001									
	St. Thomas / St. John And Adjacent Islands								
03	1545AST				0	0			Volcanic Ash
	A pilot reported volcanic ash from surface to 6,500 feet 23 miles east of St. Thomas.								
<u>VIRGINIA, East</u>									
Amelia County									
2 E Winterham	02	1555EST			0	0	2K		Thunderstorm Wind (G50)
	Large tree down and obstructing traffic on Route 360								
Gloucester County									
2 N Gloucester	04	1800EST			0	0	2K		Thunderstorm Wind (G50)
	Trees down on Roaring Springs Road.								
Northumberland County									
1 E Heathsville	08	1425EST			0	0	2K		Thunderstorm Wind (G50)
	Trees down on Betts Bottom Road.								
Gloucester County									
Hayes	08	1450EST			0	0			Hail (0.75)
Chesapeake (C)									
3 N Deep Creek	14	1530EST 1630EST			0	0			Flash Flood
	Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and the closure of Bainbridge Boulevard near the Triple Decker Bridge.								
Norfolk (C)									
Norfolk	14	1600EST 1700EST			0	0			Flash Flood
	Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and the closure of several roads including Brambleton Avenue near Route 264 overpass. Flooding also occurred at Texas Avenue in the Norvell Heights area.								
Portsmouth (C)									
Portsmouth	14	1600EST 1700EST			0	0			Flash Flood
	Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and the closure of the 2000 block of Frederick Boulevard.								

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, East</u>									
Suffolk (C)									
Suffolk	14	1600EST 1700EST			0	0			Flash Flood
Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and the closure of the 2500 block of Pruden Boulevard.									
Virginia Beach (C)									
North Virginia Beach	14	1630EST 1700EST			0	0			Flash Flood
Heavy rain associated with the remnants of Tropical Storm Alberto caused flash flooding and several road closures including Atlantic Avenue between 49th and 71st streets.									
Prince Edward County									
Elam	23	0125EST			0	0	2K		Thunderstorm Wind (G50)
Trees down. Small hail reported.									
Prince George County									
1 SE Prince George	23	1400EST			0	0	2K		Thunderstorm Wind (G50)
Several trees down near 801 Walther Street.									
Hampton (C)									
Hampton	23	1550EST			0	0	2K		Thunderstorm Wind (G50)
Trees down.									
Portsmouth (C)									
Portsmouth	23	1550EST			0	0	2K		Thunderstorm Wind (G50)
Trees down at Palmer and Effingham.									
Norfolk (C)									
Norfolk	23	1556EST			0	0			Thunderstorm Wind (G60)
Measured at Norfolk International Airport.									
Chesapeake (C)									
3 N Great Bridge	23	1610EST			0	0	5K		Thunderstorm Wind (G50)
Trees down on car at Crosswinds Drive.									
Chesterfield County									
Bellwood	23	1617EST			0	0	4K		Hail (1.00)
Numerous trees down along Jeff Davis Highway near Defense Supply Center.									
Chesterfield County									
2 W Bellwood	23	2200EST 2300EST			0	0			Flash Flood
Flash flooding caused the closure of Hopkins Road in the Beulah District.									
Powhatan County									
1 S Subletts	23	2300EST 2315EST			0	0			Flash Flood
Flash flooding caused high water on Route 711 and Manakin Ferry Road and at Judes Ferry Road.									
York County									
Seaford	23	1545EST 1615EST			0	0			Flood
High water on several roads.									
Hampton (C)									
Hampton	23	1550EST 1620EST			0	0			Flood
High water on several roads.									
Isle Of Wight County									
Smithfield	23	1555EST 1625EST			0	0			Flood
High water on Main Street.									
Newport News (C)									
Newport News	23	1615EST 1645EST			0	0			Flood
High water on several roads.									
Louisa County									
2 W Locust Creek	24	2230EST 2300EST			0	0			Flood
High water on Route 33 at the intersection of Routes 601 and 655.									

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Louisa County									
1 SE Frederick Hall	26	1300EST 1400EST			0	0			Flash Flood
			Heavy rain caused washed out roads along portions of Route 618.						
Powhatan County									
4 NE Powhatan	26	1300EST 1400EST			0	0			Flash Flood
			Heavy rain caused flooding at Three Bridge Road between Red Lane and Academy Roads.						
Brunswick County									
3 E Valentines	26	1430EST 1500EST			0	0			Flash Flood
			Heavy rain caused flash flooding and road closures in the southeast part of the county including Manning Drive and Dromgoole Road.						
Hanover County									
1 E Ashland	26	1700EST 1745EST			0	0			Flash Flood
			Heavy rain caused flash flooding and closure of Mount Hermon Road.						
Caroline County									
1 N Central Pt	26	1730EST 1745EST			0	0			Flash Flood
			Heavy rain caused flash flooding and closure of portions of Route 625.						
King And Queen County									
St Stephens Church	27	1518EST 1523EST			0	0			Funnel Cloud
			Funnel cloud observed at intersection of Highways 360 and 14.						
Essex County									
1 W Caret	27	1555EST			0	0	2K		Thunderstorm Wind (G50)
			A few trees were blown down.						
Northampton County									
Exmore	27	2228EST			0	0	2K		Thunderstorm Wind (G50)
			Two trees were blown down.						
Accomack County									
Parksley	27	2248EST			0	0	2K		Thunderstorm Wind (G50)
			Several trees blown down.						
Caroline County									
4 SW Bowling Green	28	2210EST 2345EST			0	0			Flash Flood
			Heavy rain caused flash flooding and closed portions of Ladysmith Road.						
Suffolk (C)									
5 NE Driver	29	1730EST			0	0			Hail (0.88)
			Nickel size hail fell in the Harborview section.						
Portsmouth (C)									
5 NW Cradock	29	1738EST			0	0			Hail (1.75)
			Golf ball size hail fell in the Churchland section.						
Hampton (C)									
Hampton	29	1752EST 1755EST			0	0			Hail (1.75)
			Several reports of nickel to golf ball size hail in the Holiday Park section.						
Norfolk (C)									
Norfolk	29	1752EST			0	0			Hail (0.75)
			Penny size hail fell at Norfolk Sentara Hospital.						
Portsmouth (C)									
Portsmouth	29	1800EST			0	0	5K		Thunderstorm Wind (G75)
			Damage to several boats at the Tidewater Marina on Crawford Parkway.						
Virginia Beach (C)									
2 S Kempsville	29	1818EST			0	0			Hail (1.00)
			Quarter size hail fell at Indian River Road.						

Storm Data and Unusual Weather Phenomena

June 2006

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, East</u>									
Westmoreland County									
Kinsale	29	1820EST			0	0	2K		Thunderstorm Wind (G50)
									Trees blown down.
Northampton County									
Simpkins	29	2120EST 2125EST			0	0			Hail (0.88)
									Penny to nickel size hail fell.
<u>VIRGINIA, Extreme Southwest</u>									
Scott County									
Countywide	11	1405EST 1410EST			0	0	8K		Thunderstorm Wind (G60)
									A few trees and powerlines down countywide.
Washington County									
Countywide	11	1410EST 1420EST			0	0	10K		Thunderstorm Wind (G60)
									Several trees and powerlines down countywide.
Bristol (C)									
Bristol	11	1415EST 1425EST			0	0	8K		Thunderstorm Wind (G60)
									A few trees and powerlines down in Bristol.
Lee County									
Countywide	11	2125EST 2140EST			0	0	10K		Thunderstorm Wind (G60)
									Several trees and powerlines down countywide.
Norton (C)									
Norton	11	2130EST 2140EST			0	0	10K		Thunderstorm Wind (G60)
									A few trees and powerlines down in Norton.
Wise County									
Countywide	11	2140EST 2150EST			0	0	6K		Thunderstorm Wind (G60)
									Two trees and a powerline down countywide.
Scott County									
Countywide	11	2210EST 2230EST			0	0	8K		Thunderstorm Wind (G60)
									A few trees and powerlines down countywide.
Russell County									
Lebanon	11	2242EST 2250EST			0	0	25K		Thunderstorm Wind (G65)
									A roof was blown off a building in the city of Lebanon. Several trees down along Main Street.
Bristol (C)									
Bristol	11	2250EST 2300EST			0	0	10K		Thunderstorm Wind (G60)
									A few trees and powerlines down in Bristol.
Washington County									
Countywide	11	2305EST 2315EST			0	0	10K		Thunderstorm Wind (G60)
									Several trees down countywide.
Scott County									
Dungannon	21	1405EST 1415EST			0	0	6K		Thunderstorm Wind (G60)
									A few trees down in Dungannon.
Wise County									
5 NW St Paul	23	1630EST 1640EST			0	0	10K		Thunderstorm Wind (G50)
									Several trees down on Bull Hill Road and Rt 58 near St Paul.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Shenandoah County									
Woodstock to Mt Jackson	01	1515EST			0	0	15K		Thunderstorm Wind (G50)
	<p>Trees were downed.</p> <p>A trough of low pressure was draped across the Mid Atlantic on June 1. This feature combined with high moisture content and instability in the atmosphere to promote scattered strong to severe thunderstorms. The thunderstorms first developed across the higher terrain of the Appalachian Mountains, then moved east across the Washington/Baltimore corridor.</p>								
Arlington County									
Arlington	09	1803EST			0	0	20K		Thunderstorm Wind (G50)
	<p>Trees downed at intersection of Columbia Pike and Columbus Street.</p> <p>Daytime heating combined with an unstable lower atmosphere and favorable amounts of moisture contributed to scattered afternoon and evening thunderstorms. A few of these storms reached severe limits with large hail and damaging wind gusts.</p>								
Fauquier County									
3 NNE Cassanova	19	1435EST			0	0	40K		Thunderstorm Wind (G50)
	<p>An area of extensive tree damage was reported by the public. Many trees were snapped off with unsecured outdoor property being picked up and thrown around by the winds.</p>								
Fairfax (C)									
Fairfax	19	1650EST			0	0	10K		Thunderstorm Wind (G50)
	<p>A tree fell on a car along Bob Court in Fairfax.</p>								
Fairfax County									
Franconia to Springfield	19	1705EST 1710EST			0	0	50K		Thunderstorm Wind (G55)
	<p>A tree fell on a car on Franconia Road at Van Dorn Street. Numerous trees and powerlines downed in the Franconia and Springfield areas. Extensive tree damage occurred in Springfield near Springfield Plaza.</p>								
Arlington County									
Arlington	19	1715EST			0	0	5K		Thunderstorm Wind (G50)
	<p>Tree downed at the intersection of North Glebe and Chesterbrook Roads.</p>								
Fairfax County									
1 W Annandale	19	1720EST 1820EST			0	0	10K		Flash Flood
	<p>Water was across Route 236 at Wakefield Chapel Road. Water also flooded into a building in the 5500 block of Backlick Road.</p> <p>A strong cold front moved from the Ohio Valley in the early morning of June 19, then across the Mid Atlantic during the late afternoon and evening. This cold front fired strong to severe thunderstorms as it encountered an atmosphere that was rich in moisture and very unstable. In addition to numerous occurrences of damaging wind gusts of around 60 mph across the Baltimore-Washington corridor, there were also several instances of flash flooding. Numerous cars were stuck in flooded roadways across both Northern Virginia and Central and Southern Maryland. Strong winds also occurred on the tidal waters of the Potomac River and Maryland portion of the Chesapeake Bay.</p>								
Augusta County									
Mt Sidney	22	1730EST 1733EST			0	0			Hail (1.75)
	<p>Golfball sized hail occurred with a severe thunderstorm just southwest of Shenandoah Valley Regional Airport.</p>								
Augusta County									
Mt Sidney	22	1730EST			0	0	125K		Thunderstorm Wind (G60)
	<p>Severe winds hit an area just southwest of the Shenandoah Valley Regional Airport. Numerous trees were downed, minor property damage occurred to a few buildings and homes, and one tree fell on a parked car.</p> <p>Scattered showers and thunderstorms developed ahead of an approaching cold front. Some of these storms became severe, causing damaging winds and large hail.</p>								
Prince William County									
Gainesville	22	2124EST 2128EST			0	0	12K		Thunderstorm Wind (G50)
	<p>Several trees were downed in Gainesville.</p>								
Prince William County									
Nokesville	22	2125EST			0	0	40K		Thunderstorm Wind (G50)
	<p>A 100 year old tree fell and damaged a roof of a home in Nokesville.</p>								
Manassas (C)									
Manassas	22	2130EST			0	0	20K		Thunderstorm Wind (G50)
	<p>Thunderstorms brought several trees and large limbs down across the city.</p>								

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Fairfax County									
Countywide	22	2145EST 2150EST			0	0	35K		Thunderstorm Wind (G50)
			Numerous trees were downed across Burke, West Springfield, Centreville, and Clifton.						
Loudoun County									
Aldie	22	2230EST			0	0	20K		Thunderstorm Wind (G50)
			Trees were downed across Route 15 South.						
Augusta County									
New Hope	23	1720EST			0	0			Hail (1.75)
			Golf ball-sized hail was reported in New Hope.						
Augusta County									
New Hope to Crimora	23	1720EST			0	0	20K		Thunderstorm Wind (G50)
			Strong winds brought several trees down, blocking several roads in New Hope and Crimora.						
Harrisonburg (C)									
Harrisonburg	23	1730EST			0	0			Hail (1.75)
			Hail to the size of golfballs occurred.						
Harrisonburg (C)									
Harrisonburg	23	1730EST			0	0	50K		Thunderstorm Wind (G50)
			Strong winds brought several trees down, which ended up damaging a deck, roof and gutters of a house as well as a nearby parked car. Scattered showers and thunderstorms developed ahead of an approaching cold front. Some of these storms became severe, causing damaging winds and large hail.						
Augusta County									
Weyers Cave	23	1825EST 1840EST			0	0			Hail (1.75)
			Hail to the size of golfballs occurred near Weyers Cave.						
Augusta County									
Weyers Cave	23	1825EST 1840EST			0	0	500K		Thunderstorm Wind (G60)
			Multiple trees were downed across roads. Fifteen to twenty homes and six barns and silos were damaged by severe thunderstorm winds. One silo and one 2 and a half story barn were destroyed.						
Albemarle County									
Keene to Esmont	23	2000EST 2200EST			0	0			Flash Flood
			Numerous roads were closed across Keene, Scottsville, and Esmont due to high water and debris.						
Nelson County									
6 SE Nellysford	23 24	2100EST 0000EST			0	0			Flash Flood
			County Road 617 was closed due to flash flooding from Buck Creek. A weak cold front settled over the Mid Atlantic between June 23 and June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of persistent showers and thunderstorms. As a result, double digit rainfall totals affected parts of the region through the five day period. Scattered areas of flash flooding began on June 23 and continued into June 24. Then, flooding began to take on an even more serious nature since the ground had become saturated in so many spots. A slow-moving line of thunderstorms fired along a tropical moisture plume and dumped between 4 and 7 inches of rain across Northern Virginia, causing extensive urban flooding on June 25 and June 26. Extensive power outages across the region occurred during this event. Major disruption of transportation was experienced June 26 due to the flooding. MARC Commuter rail experienced disruptions, Virginia Railway Express commuter rail did not operate, flooding in underground tunnels forced much of the Washington Metro rail to close, and numerous roadways were flooded and closed due to high water or mudslides. Numerous water rescues were needed for the people who were stranded in their cars. In one neighborhood in Huntington, Virginia, 158 homes were declared uninhabitable by building inspectors due to contamination and lack of utilities. Another two homes and one business were condemned.						
Culpeper County									
Brandy	24	1900EST 2000EST			0	0			Flash Flood
			Routes 684 near the intersection of Route 663 impassable due to flash flooding.						

Storm Data and Unusual Weather Phenomena

June 2006

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, North</u>									
Prince William County									
Countywide	24	1900EST 2100EST			0	0	20K		Flash Flood
Prince William County officials reported numerous roads closed with flash flooding near Manassas, including Route 28. There were also reports of flooded basements in the same area.									
Fairfax County									
Centreville	24 25	1905EST 0000EST			0	0			Flash Flood
A water rescue was performed by emergency responders when a father and two children were stranded in their car, which was stalled out in a flooded parking lot.									
Fairfax County									
Reston to Vienna	25	0800EST 1300EST			0	0			Flash Flood
Fairfax County police reported numerous road closures due to high water. Some roadways included are Old Courthouse Road at Besley Road, Stuart Mill Road at Birdfoot Lane, and Hunter Mill Road at Cedar Pond Drive.									
Fauquier County									
Catlett	25	1300EST 1600EST			0	0			Flash Flood
Burwell Road one half mile north of Route 605 was flooded when Kettle Run went out of its banks.									
Albemarle County									
Southeast Portion	25	1600EST 1900EST			0	0			Flash Flood
Officials reported multiple road closures in southeast part of county due to flash flooding.									
Augusta County									
Sangerville to Mt Solon	25	1600EST 2030EST			0	0			Flash Flood
Gum Spring Branch in Gypsy Hill Park overflowed its banks and flooded several baseball fields. High water near Sangerville and Mount Solomon closed four roads.									
Staunton (C)									
Staunton	25	1600EST 1800EST			0	0	10K		Flash Flood
Water and mud infiltrated a basement on Tyler Street. Mason Street was flooded.									
Waynesboro (C)									
Waynesboro	25	1600EST 1800EST			0	0			Flash Flood
An alley behind King Avenue was flooded. There was also a flooded section of 13th Street between Magnolia and Linden Avenues.									
Culpeper County									
Culpeper	25	1745EST 1945EST			0	0			Flash Flood
A secondary road was closed due to high water.									
Loudoun County									
Countywide	25	1830EST 2100EST			0	0			Flash Flood
Washington Dulles Airport reported water rescues on access roads and commercial parking lots around the airport. Some of the major roads that were closed included U.S. Route 50, Evergreen Mills, and Cedar Green Road due to flash flooding.									
Prince William County									
Countywide	25	1830EST 2300EST			0	0	55K		Flash Flood
Flash flooding occurred at the intersection of I-66 and US Route 29 in Gainesville. Wellington Road was closed due to flash flooding and Hayden Elementary School reported flooding. The Linton Hall Road corridor between Balls Fords Road and Nissan Pavilion were blocked due to high water. More than 25 roads across the county were under water. Up to 100 trees were downed due to saturated grounds. Twelve homes flooded in Yorkshire, near Manassas Park. Damage estimates \$55,000.									
Fairfax County									
Chantilly	25	1845EST 2200EST			0	0	15K		Flash Flood
A car was submerged. Several other roads in the area closed due to flash flooding.									

Storm Data and Unusual Weather Phenomena

June 2006

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, North</u>									
Fairfax (C)									
Fairfax	25	1930EST			0	0			Flash Flood
	26	0000EST							
City officials reported nearly all major roads were closed throughout the city due to flash flooding.									
Fredericksburg (C)									
Fredericksburg	25	2000EST			0	0			Flash Flood
	26	0100EST							
A secondary county road was closed due to high water.									
Fairfax County									
Huntington	25	2045EST			0	0	11M		Flash Flood
	26	0500EST							
Flash flooding occurred when Cameron Run came out of its banks. 158 homes were declared uninhabitable by building inspectors due to contamination and/or lack of utilities. Another two homes and one business were condemned. Estimated damage \$11 million.									
Alexandria (C)									
Alexandria	25	2100EST			0	0	35K		Flash Flood
	26	0600EST							
I-495 at Telegraph Rd was closed due to high water. Two parking garages on Eisenhower Avenue were flooded, which damaged several parked cars.									
Arlington County									
Arlington	25	2100EST			0	0	3M		Flash Flood
	26	0600EST							
More than 10 heavily traveled roads were closed, including I-395, Route 110, and Washington Blvd. I-395 was closed at the Glebe Rd exit due to high water. Several cars were submerged up to their hoods. The George Washington Memorial Parkway South at the Washington National Airport exit was closed.									
Fairfax County									
Ft Belvoir	25	2100EST			0	0	15K		Flash Flood
	26	0500EST							
A car was flooded near Ft. Belvoir.									
Staunton (C)									
Staunton	25	2300EST			0	0			Flash Flood
	26	0200EST							
Several primary and secondary roads were closed due to flash flooding.									
Augusta County									
Craigsville	26	0845EST			0	0			Flash Flood
	28	1100EST							
Numerous roads along and near Route 687 and Route 42 were closed due to high water in Craigsville.									
Augusta County									
Sangerville	26	0930EST			0	0			Flash Flood
	28	1100EST							
Numerous roads were closed in Sangerville. Some of these roads included Route 764 from Route 730 to Route 766, Route 766 from Route 727 to Route 764, and Route 727 from Route 766 to Route 731.									
Fairfax County									
Countywide	26	1130EST			0	0			Flash Flood
		2300EST							
VDOT and Fairfax County reported numerous roads closed countywide. Rock Hill Road near Old Ox Road closed due to high water. Holmes Run Creek overflowed its banks and a bridge crossing it washed out.									
Fredericksburg (C)									
Fredericksburg	26	1200EST			0	0	10K		Flash Flood
		1800EST							
The Rappahannock River was out of its banks near the Falmouth Bridge on US 1. A pickup truck with a woman and several children stalled in water in Alum Spring Park.									
Spotsylvania County									
Countywide	26	1200EST			0	0			Flash Flood
		1800EST							
Numerous reports of roads with high water countywide.									
Manassas (C)									
Manassas	26	1300EST			0	0			Flash Flood
	27	0700EST							
Heavy rainfall caused flash flooding to continue through the overnight hours. County Emergency Management officials reported dozens of roads that remained closed, and dozens more with high water.									

Storm Data and Unusual Weather Phenomena

June 2006

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

Manassas Park (C)

Manassas Park	26	1300EST			0	0			Flash Flood
	27	0700EST							

Heavy rain and flash flooding continued through the overnight hours. A swift water crossing on Compton Road and Old Centreville Road in Manassas Park had 6 inches of water flowing across the roadway. Emergency Management officials reported dozens of roads closed, and dozens more with high water.

Prince William County

Countywide	26	1300EST			0	0			Flash Flood
	27	0700EST							

Heavy rain and flash flooding continued through the overnight hours. Emergency Management officials reported dozens of roads closed, and dozens more with high water.

Augusta County

2 W Barren Ridge to Fishersville	27	0930EST			0	0			Flash Flood
	28	1100EST							

Numerous roads were closed from just east of the City of Staunton to Fishersville due to high water. Between 50 and 75 people were evacuated from a flooded trailer park in Brands Flat. High water covered a bridge spanning Christians Creek on Jericho Road. A mudslide was reported on Richmond Road. A car was half submerged near Jericho Road.

Highland County

Countywide	27	1130EST			0	0			Flash Flood
		1500EST							

Several low water crossings flooded countywide.

Spotsylvania County

Spotsylvania	27	1145EST			0	0			Flash Flood
		1300EST							

Debris was reported over the road near Jefferson Davis Highway and Spotsylvania Parkway due to receded flood waters.

Albemarle County

Crozet	27	1330EST			0	0			Flash Flood
		2200EST							

Flash flooding was reported in Crozet.

Greene County

Countywide	27	1330EST			0	0	100K		Flash Flood
		2300EST							

Saturated grounds due to heavy rains brought down trees countywide. Streams and rivers lifted out of their banks and flooded several roads.

Clarke County

Countywide	27	1400EST			0	0			Flash Flood
		2300EST							

Numerous roads were closed countywide due to flash flooding.

Frederick County

East Portion	27	1400EST			0	0			Flash Flood
		2300EST							

Numerous roads were closed, including east bound Virginia Route 7 near Greenwood Road and parts of Valley Mills Road due to high water.

Warren County

Front Royal	27	1400EST			0	0	65K		Flash Flood
		2200EST							

Water covered Happy Creek Road east of Front Royal near the Bing Crosby Stadium. Property adjacent to the stadium suffered damages when the fence was washed out. Morgan Ford Road was also flooded.

Shenandoah County

Countywide	27	1500EST			0	0			Flash Flood
		2100EST							

Numerous reports of roads flooded across the county.

A weak cold front settled over the Mid Atlantic between June 23 and June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of persistent showers and thunderstorms. As a result, double digit rainfall totals affected parts of the region through the five day period.

Scattered areas of flash flooding began on June 23 and continued into June 24. Then, flooding began to take on an even more serious nature since the ground had become saturated in so many spots. A slow-moving line of thunderstorms fired along a tropical moisture plume and dumped between 4 and 7 inches of rain across Northern Virginia, causing extensive urban flooding on June 25 and June 26. Extensive power outages across the region occurred during this event. Major disruption of transportation was

Storm Data and Unusual Weather Phenomena

June 2006

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

VIRGINIA, North

experienced June 26 due to the flooding. MARC Commuter rail experienced disruptions, Virginia Railway Express commuter rail did not operate, flooding in underground tunnels forced much of the Washington Metro rail to close, and numerous roadways were flooded and closed due to high water or mudslides. Numerous water rescues were needed for the people who were stranded in their cars. In one neighborhood in Huntington, Virginia, 158 homes were declared uninhabitable by building inspectors due to contamination and lack of utilities. Another two homes and one business were condemned.

Orange County
Barboursville 29 1530EST 0 0 5K Thunderstorm Wind (G50)
Several tree limbs were downed.

Fauquier County
3 SE Warrenton 29 1545EST 0 0 Hail (0.75)
Penny sized hail was reported.

Fauquier County
3 SE Warrenton 29 1545EST 0 0 10K Thunderstorm Wind (G50)
Several tree limbs were downed.
A strong upper level disturbance swinging across the area encountered a warm and humid air mass across northern and central Virginia on June 29. Scattered showers and thunderstorms developed during the early afternoon hours, producing isolated reports of strong winds and hail.

VIRGINIA, Northwest

Dickenson County
4 SE Nora 02 1545EST 0 0 Thunderstorm Wind (G50)
Five apple trees were blown over and one Red Bud tree was split open along Sandy Ridge.

Dickenson County
Clintwood 11 1649EST 0 0 Hail (0.88)

Dickenson County
Birchleaf to Trammel 27 0615EST 0 0 2K Flash Flood
0730EST
Small streams flooded Routes 80 and 63.

Dickenson County
Birchleaf to Clinchco 27 1830EST 0 0 100K Flash Flood
2100EST
Localized downpours trained over the Turner and Edwards Ridge vicinity between 1730 and 1900E. The ground was wet from previous rains. Rain estimates were on the order of 2 to 2.5 inches. Small streams flowing in different directions off the higher ridges briefly flooded. This included streams such as Road Branch, Turkey Branch, and Crooked Branch.

One house along Road Branch sustained about \$20,000 damage. Another home along Turkey Branch was damaged. Playground equipment and fencing were damaged at the elementary school along Crooked Branch. Across this rugged terrain, mudslides affected several roads. Walk bridges were also damaged.

VIRGINIA, Southwest

Giles County
2 W Narrows 01 1400EST 0 0 1.8K Thunderstorm Wind (G60)

Tazewell County
Boissevain 01 1640EST 0 0 0.90K Thunderstorm Wind (G60)
A severe thunderstorm downed a large tree on Boissevain Road.

A severe thunderstorm uprooted large trees two miles west of Narrows in Giles county.

Buckingham County
10 NE Dillwyn 01 1915EST 0 0 Hail (1.25)

Buckingham County
10 NE Dillwyn 01 1915EST 0 0 1K Thunderstorm Wind (G60)
A severe thunderstorm during the evening of the 1st downed trees and produced half dollar sized hail in the Arvon community.

Halifax County
South Boston 02 1420EST 0 0 8K Thunderstorm Wind (G61)
A severe thunderstorm produced wind gusts estimated up to 70 mph in South Boston which created power outages.

Grayson County
5 W Volney 11 0119EST 0 0 1.8K Thunderstorm Wind (G60)
A few red spruce trees were uprooted near the Visitors Center of the Grayson Highland State Park.

Tazewell County
Claypool Hill 11 0124EST 0 0 2.7K Thunderstorm Wind (G60)
0128EST

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
VIRGINIA, Southwest							
A severe thunderstorm during the morning of the 11th downed trees.							
Henry County 3 W Ridgeway	11	1707EST			0 0		Hail (1.00)
Carroll County 4 N Galax City	11	1840EST			0 0	10K	Thunderstorm Wind (G55)
Thunderstorm winds downed trees and powerlines near the Gambetta Church on Gambetta Road.							
Tazewell County Tazewell	11	2312EST			0 0	1.8K	Thunderstorm Wind (G57)
Thunderstorm winds downed trees in Tazewell and Springville.							
Appomattox County Evergreen	23	0110EST			0 0	3K	Thunderstorm Wind (G55)
Large trees were downed between Evergreen and along Route 696 in Pamplin in Appomattox.							
Franklin County 2 W Boones Mill	23	1718EST			0 0	1.8K	Thunderstorm Wind (G53)
Franklin County 5 SW Burnt Chimney	23	1732EST			0 0	1.8K	Thunderstorm Wind (G53)
Thunderstorm winds downed trees near Cahas Mountain, 2 miles west of Boones Mill and 5 miles southwest of Burnt Chimney.							
Henry County Bassett	23	1725EST			0 0		Hail (0.75)
Henry County Sanville	23	1755EST			0 0		Hail (1.00)
Henry County Collinsville	23	1800EST			0 0		Hail (1.25)
Henry County 2 N Horse Pasture	23	1829EST			0 0	3.2K	Thunderstorm Wind (G57)
Thunderstorm winds downed numerous trees on Meadowood trail.							
Montgomery County Elliston	23	1840EST			0 0	0.60K	Thunderstorm Wind (G53)
Thunderstorm winds downed several 12 to 15 inch tree limbs.							
Bedford County 5 SW Big Island	23	1955EST			0 0	1K	Thunderstorm Wind (G57)
Amherst County 8 SW Amherst	23	2000EST			0 0	3K	Thunderstorm Wind (G57)
Thunderstorm winds downed several large trees along the Blue Ridge Parkway near Peaks of Otter.							
The Public Safety Director of Amherst reported 20-30 trees downed by thunderstorm winds in Amherst county. There was an isolated strip about 3/4 mile long of 2 foot diameter trees downed.							
Martinsville (C) Martinsville	25	0335EST 0430EST			0 0	35K	Flash Flood
A slow-moving frontal boundary and the interaction with abundant tropical moisture resulted in a flash flood. The flash flood began with the collapse of an underground culvert at 817 Spruce Street in Martinsville. Two homes reported flooded basements along Clearview Drive in the City of Martinsville. Radar estimated amounts of 3 to 4 inches over Henry county.							
Grayson County Elk Creek	25	1800EST 1839EST			0 0	5K	Flash Flood
Heavy rains resulted in a mudslide on Carsonville Road.							
Alleghany County 6 SW Covington City	25	1805EST 1850EST			0 0	15K	Flash Flood
A slow moving line of thunderstorms produced heavy rains which resulted in a flash flood. Potts Creek and Bluesprings Creek ran out of their banks and flooded Route 18 in southern Alleghany county.							
Pulaski County Countywide	25 26	1819EST 2000EST			0 0	25K	Flood
Floyd County East Portion to Countywide	25 27	2143EST 1530EST			0 0	155K	Flood

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Bath County									
Countywide	25	2152EST			0	0	100K		Flood
	27	1745EST							
Botetourt County									
Countywide	25	2152EST			0	0	89.5K		Flood
	27	1845EST							
Montgomery County									
Countywide	26	0750EST			0	0	100K		Flood
	27	1430EST							
A slow-moving frontal boundary and interaction with abundant tropical moisture produced widespread heavy rains. Rainfall amounts of 4 inches to as much as a 12 inches caused flooding along several creeks and streams. Numerous roads were closed due to flooding with high water. Some of the roads closed included Routes 663, 672, 709, 610, 672, 714, 668, 639, 617, 679, 637, 860 and 683.									
Alleghany County									
Countywide	25	1900EST			1	1	50K		Flood
	27	1900EST							
One fatality of a heavy rain event occurred on 27 June, when an 8-year old girl in Alleghany county (VA) was apparently swept into a drainage culvert near Dunlap Creek west of Covington. This occurred as runoff into Dunlap Creek was extremely high due to storms that pushed across the area the previous few hours with rainfall of 1 to 2 inches in an hour. The Covington IFLOWS gage (CFPV2) received 0.71" in 30 minutes and 0.91" in 1 hour ending at 1600 UTC. This fell on top of 2 days of heavy rainfall so runoff efficiencies were extremely high at this time. F81W									
Bath County									
1 E Millboro	26	0530EST 0630EST			0	0	10K		Flash Flood
Route 39 was closed due to high water east of Millboro. Also Highway 629 was closed north of the Green valley due to water flowing over the bridge.									
Lexington (C)									
Lexington	26	0700EST 0800EST			0	0	3K		Flash Flood
Furrs Mill Road was closed due to high water. An apartment on Furrs Mill Road was evacuated during the morning of the 26th of June.									
Botetourt County									
Buchanan	26	0800EST 2000EST			0	0			Flood
Roanoke (C)									
Roanoke	27	0514EST 0600EST			0	0			Flood
Botetourt County									
Buchanan	27	0700EST 0115EST			0	0			Flood
Halifax County									
South Boston	27	0700EST 2228EST			0	0			Flood
Amherst County									
Holcomb Rock	27	1145EST 1500EST			0	0			Flood
Bedford County									
Countywide	27	1354EST 1354EST			0	0			Flood
Botetourt County									
Lick Run	27	1354EST 2340EST			0	0			Flood
Lynchburg (C)									
Lynchburg	27	1500EST 2000EST			0	0			Flood
Buckingham County									
Buckingham	28	0800EST 2000EST			0	0			Flood

Widespread rains of 2 to 4 inches with local amounts up to 6 inches produced large river flooding along the James River and along the upper Roanoke River. The worst flooding on the James apparently occurred at Buchanan and Bremo Bluff which both reached

Storm Data and Unusual Weather Phenomena

June 2006

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, Southwest</u>							
Moderate Flood Stage. Several businesses near the river in Buchanan were flooded. In Big Island, water backed up under the railroad bridge near the Georgia Pacific plant and flooded the parking lot of the Hunting Creek public boat ramp.							
The crest along the James River at Lick Run was 19.8 feet at 2030 pm on the 28th.							
The crest along the James River at Buchanan was 18.73 feet at 1145 am on the 26th.							
The crest along the James River at Holcomb Rock was 22.74 feet at 800 am on the 28th.							
The crest along the James River at Lynchburg was 19.74 feet at 1300 pm on the 28th.							
The crest along the James River at Scottsville was 20.28 feet at 2100 pm on the 28th.							
The crest along the James River at Bremono Bluff was 26 feet at 1400 pm on the 28th.							
The crest along the Dan River at South Boston was 20.21 feet at 1900 pm on the 29th.							
The crest along the Roanoke River at Roanoke was 11.05 feet at 630 am on the 27th and a second crest of 12.80 feet 4 hours later on the 27th in the moderate flood category.							
Rockbridge County 4 SE Collierstown	26	0900EST 1045EST			0 0	5K	Flash Flood
Rockbridge County Goshen	26	0915EST 1045EST			0 0	10K	Flash Flood
Heavy rains produced flash flooding in Rockbridge county. Collierstown road was closed between Murat and Toad Run. Route 60 was closed from Interstate 64 to North Mountain. Evacuations of 50 people were made from apartments and homes near the intersection of Highways 42 and 39 in Goshen. Mill Creek flooded Route 39 and Route 42.							
Halifax County 2 S South Boston	26	1500EST 1600EST			0 0	2K	Flash Flood
Several roads were flooded and closed in Riverdale, 2 miles south of South Boston.							
Franklin County Boones Mill	26	1550EST 1800EST			0 0	2K	Flash Flood
Mud slides on Highway 220 between Boones Mill and Rocky Mount.							
Carroll County Hillsville	26	1701EST 1801EST			0 0	20K	Flash Flood
Carroll County Fancy Gap	26	1705EST 1805EST			0 0	55K	Flash Flood
Heavy rains created water flowing across several roadways including Route 52 in Hillsville, Route 922, and Route 624. A pipe failed on Route 685 which closed the road in the Fancy Gap section of Carroll county.							
Henry County Martinsville City	26	1800EST 1900EST			0 0	10K	Flash Flood
The Emergency Manager of the City of Martinsville reported flash flooding during the evening of the 26th. Route 58 and Route 688 were closed due to flooding. A mudslide occurred on River Road in the City of Martinsville. The Henry County Animal Clinic and Martinsville City Animal Control reported that 136 animals were evacuated from the animal shelter because of flooding.							
Roanoke County Roanoke City	26	1900EST 2035EST			0 0	75K	Flash Flood
Thunderstorms with heavy rains pushed across Roanoke county during rush hour causing flash flooding in parts of the City of Roanoke. Water flooded a hotel on Franklin street and two feet of water flowed over Franklin Street near Ore branch in Roanoke. Flooding of the hotel parking lot damaged 5 cars. A mudslide was also report on U.S 220 in Roanoke. Flooding closed the corner of Fifth Street and Albemarle Avenue next to Highland Park, Hamilton Terrace and Piedmont Street in Roanoke.							
Roanoke County North Portion	26	2150EST 2341EST			0 0	10K	Flash Flood
Flash flooding was reported by law enforcement from water overflowing the Lock Haven Lake Dam. The creek below the Dam, Deer Branch was flooded due to overflowing water.							
Giles County 10 NE Pearisburg	27	0840EST 1145EST			0 0	25K	Flash Flood
Giles County Countywide	27	0900EST 1155EST			0 0	50K	Flash Flood

Storm Data and Unusual Weather Phenomena

June 2006

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

Big Stoney creek flooded Route 635, Route 627 and Route 722. Department of Highways reported Route 613, Route 623, Route 700 and Route 723 were all flooded by the heavy rains during the morning of the 27th.

Salem (C) Salem (C)	27	1230EST 1343EST			0	0	100K		Flash Flood
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Roanoke County West Portion	27	1240EST 1345EST			0	0	50K		Flash Flood
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City of Salem roads were closed from high waters. Several roads in western Roanoke county were covered with water including Harborwood, Gladden, West River and West Riverside. Runoff from Poor and Fort Lewis Mountains flooded Wildwood Road. In Salem, a man was tugged under his motor home in the Salem Village Mobile Home Park by rapid floodwaters as he tried to dislodge its wheels from the mud. A Valley Metro employee saved the man by pulling him out of the moving water. An emergency shelter was setup at Andrew Lewis Middle school for evacuated residents of the Salem Village Mobile Park and the Salem's Ramey Trailer Park. The Roanoke Fire- EMS Department made a swiftwater rescue for two people from a capsized canoe near the Franklin Street Bridge along Wiley Drive.

Pittsylvania County 10 SW Chatham	27	1530EST 1830EST			0	0	20K		Flash Flood
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State Road 649 flooded and washed out due to heavy rains.

Buckingham County Wingina	27	1830EST 2030EST			0	0	20K		Flash Flood
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Heavy rains produced road closures due to high water including State Route 737 from Route 664 to Route 601 and State Route 644 from Route 637 to Route 604.

Buckingham County 7 WNW Buckingham	27	1930EST 2030EST			0	0	55K		Flash Flood
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Several Roads were closed due to a washout in Buckingham county including State Route 662 from Highway 56 to Route 661, Route 805 and Route 737 between Route 601 and Route 664.

Amherst County 4 W Pedlar Mills	28	1600EST			0	0	10K		Thunderstorm Wind (G60)
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Bedford County 1 SE Goode	28	1604EST			0	0	0.90K		Thunderstorm Wind (G55)
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Montgomery County 2 E Blacksburg	28	1735EST			0	0			Hail (0.75)
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Thunderstorm winds downed several trees 1 mile southeast of Goode in Bedford county.

A severe thunderstorm produced penny sized hail 2 miles east of Blacksburg.

Thunderstorm winds downed numerous trees along the Blue Ridge Parkway near the Virginia 130 Intersection. A stop sign was also uprooted from the ground.

WASHINGTON, Northeast

Okanogan County Omak	08	1500PST			0	0			Lightning
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A lightning strike at a gas station in Omak damaged convenience store electronic equipment and gas pumps.

Spokane County Spangle	10	1835PST 2035PST			0	0			Flash Flood
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Sustained moderate to heavy rain from a slow moving complex of thunderstorms on the evening of June 10th caused Spangle Creek to overflow and flood the town of Spangle. 12 homes sustained extensive water and mud damage. Flood waters were up to five feet deep in places. Property damage from this event is unknown, but at least \$70,000 damage occurred to one home.

Whitman County Rosalia	10	1845PST			0	0			Funnel Cloud
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A funnel cloud was spotted near Rosalia. The time of the event is estimated to have occurred near 18:45 PST.

Chelan County 1 NE Dryden	12	1845PST 2000PST			0	0			Flash Flood
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Storm Data and Unusual Weather Phenomena

June 2006

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

WASHINGTON, Northeast

Chelan County 3 SW Dryden	12	1845PST 1855PST			0	0			Thunderstorm Wind (G50)
WAZ042 East Slopes Northern Cascades	12	1845PST 1900PST			0	2			Landslide
Chelan County 6 NNW Ardenvoir	12	1850PST 2030PST			0	0			Flash Flood
Chelan County 1 N Leavenworth	12	1850PST 2000PST			0	0			Flash Flood
Chelan County 12 NW Entiat	12	1915PST 2030PST			0	0			Flash Flood
Chelan County 5 NW Ardenvoir	12	1933PST 2030PST			0	0			Flash Flood
Chelan County 19 W Entiat	12	2025PST 2130PST			0	0			Flash Flood

During the evening of June 12th, a thunderstorm with very heavy rain tracked through Chelan county from south to north. Rain rates of 1 to 2 inches in 1/2 hour were reported by weather spotters. Numerous reports of hillsides washed away and flash flooding were received from the Entiat River Basin, Eagle Creek, and the Ollala Canyon. The Big Creek Campground on Lake Chelan was destroyed by the flash flood. In the Entiat River Valley, two women were injured and trapped in their house when mud filled the house and knocked it off its foundation. Several other homes were damaged by mud and debris in the area. Outflow winds from this thunderstorm destroyed a greenhouse southwest of Dryden.

Chelan County Wenatchee	12	1900PST			0	0	5K		Lightning
Lightning destroyed a chimney of a residence in Wenatchee. The property damage from this event is estimated at \$5,000.									
Garfield County 2 E Pomeroy	13	0600PST 0610PST			0	0			Hail (1.00)
Whitman County 1 N Pullman	13	0615PST 0620PST			0	0			Hail (1.00)
Spokane County Newman Lake	13	0745PST 0750PST			0	0			Hail (0.88)
Pend Oreille County 1 N Diamond Lake	13	0830PST 0840PST			0	0			Hail (1.00)
Spokane County Spokane	13	0840PST 0900PST			0	0			Flash Flood

During the morning of June 13th, a severe thunderstorm tracked through eastern Washington with numerous reports of large hail and very heavy rain. The storm formed over Garfield county and moved northeast through Whitman county, crossed over into Idaho, then crossed back into Washington through Spokane county, finally weakening over Pend Oreille county. Numerous reports of quarter sized hail were reported. A spotter in Spokane measured .82 inches of rain in 10 minutes. In northwest Spokane a flash flood washed out T.J. Meenach Road and blocked portions of the road with rocks and mud. Four bedrooms in a residence basement were also flooded.

WAZ044 Waterville Plateau	16	1300PST			0	0			Wildfire
	17	0400PST							

Lightning sparked a 500 acre brush fire on the cliffs above the town of Palisades along Highway 28 near Crescent Bar.

WASHINGTON, Northwest

Snohomish County 4 E Sultan	16	1250PST	0.5	50	0	0			Tornado (F0)
Tornado stayed on ground for about a minute. No damage.									

Storm Data and Unusual Weather Phenomena

June 2006

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

NONE REPORTED.

WASHINGTON, Southwest

WAZ039	Vancouver Area								
	24	1100PST			0	0			Excessive Heat
	26	2100PST							

A broad upper ridge of unusually high height coupled with a thermally-induced surface trough of low pressure lingered over the Pacific Northwest for several days. This pattern resulted in persistent offshore flow, and therefore many days of record-smashing high temperatures. Many cities in southwest Washington saw record-breaking daily high temperatures for multiple days in a row. For example, around the area at the peak of the heat on June 26th, Vancouver recorded a max temperature of 101 degrees, breaking the old record of 90 degrees set in 2000. Many of these record daily high temperatures were between 10 and 20 degrees above normal.

WEST VIRGINIA, East

Mineral County									
Short Gap	01	1441EST							
					0	0	5K		Thunderstorm Wind (G50)

Tree downed with debris reported along Dirtyfoot Road and Knobley Road in the town of Short Gap.

Jefferson County									
Charles Town to Bolivar	01	1600EST							
		1630EST			0	0	300K		Lightning

Intense lightning occurred with a batch of strong thunderstorms as they moved across the Eastern Panhandle of West Virginia. Newspaper reports indicated several house fires in Jefferson County, with extensive property damage. A few trees were also damaged due to the intense lightning strikes. The times listed are estimated.

A trough of low pressure was draped across the Mid Atlantic on June 1. This feature combined with high moisture content and instability in the atmosphere to promote scattered strong to severe thunderstorms. The thunderstorms first developed across the higher terrain of the Appalachian Mountains, then moved east across the Washington/Baltimore corridor.

Jefferson County									
5 SSE Shenandoah Jct	22	2130EST							
					0	0	10K		Thunderstorm Wind (G50)

Several trees were downed across roadways.

Scattered showers and thunderstorms developed ahead of an approaching cold front. Some of these storms became severe, causing damaging winds and large hail.

Berkeley County									
Inwood	27	1400EST							
		2300EST			0	0	12K		Flash Flood

Between 9 and 12 inches of water was reported at the intersection of US 11 and Route 51 in Inwood. A truck with two men was stuck in waist deep water at the intersection of Winchester Avenue and Gerrardstown Road. Douglas Grove Road was flooded.

Jefferson County									
Millville to Harpers Ferry	27	1400EST							
		2200EST			0	0	25K		Flash Flood

High water caused a vehicle accident on Highway 230 near Covenant Baptist Church. Spruce Street flooded. Water went into the Bolivar-Harpers Ferry Public Library. Basement flooding in homes in Bolivar.

Morgan County									
Countywide	27	1600EST							
		2200EST			0	0	8K		Flash Flood

Heavy rains and saturated grounds brought a couple trees down across roadways, including Quaint Acres Lane and along Route 9 near Largent. Water was reported over Mesner Road, New Hope Road, parts of Valley Road, and Packing Shed Road. A minor rockslide impeded traffic on Route 9 west of the scenic panorama.

A weak cold front settled over the forecast area from June 23 until June 27. Waves of low pressure rode northeast along the front. Flow in the atmosphere was parallel to the boundary, producing several rounds of training echoes. As the front retrograded northwest, several West Virginia counties experienced flash flooding.

Scattered areas of flash flooding began late on June 27 and continued into June 28. Numerous road closures and several water rescues were reported across the eastern Pan Handle of West Virginia.

WEST VIRGINIA, North

Brooke County									
Bethany	22	1555EST							
					0	0	15K		Thunderstorm Wind (G50)

Numerous trees down county-wide.

Hancock County									
Newell	22	1745EST							
					0	0			Thunderstorm Wind (G50)

Trees down.

Storm Data and Unusual Weather Phenomena

June 2006

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

Tucker County

Parsons to Shafer 25 1100EST
1400EST 0 0 20K **Flash Flood**

Numerous basements and road flooded in Parsons and Shafer.

Tucker County

Parsons to Hambleton 26 1730EST
2000EST 0 0 25K **Flash Flood**

At 630 PM EDT, numerous basements were flooded in Parsons and Hambleton Route 219 flooded in Parsons. Streets in Parsons and Hambleton remained flooded beyond 8 PM EDT.

Preston County

Albright 26 1755EST
2000EST 0 0 **Flash Flood**

Flooding caused mud slide along Woolen Mill Rd. Road blocked.

**Preston County
Independence** 28 2130EST 0 0 **Hail (1.00)**

**Preston County
Arthurdale** 28 2134EST 0 0 **Hail (1.00)**

WEST VIRGINIA, Southeast

Summers County

1 SE Lick Creek 04 1522EST 0 0 **Hail (0.88)**

Nickel sized hail covered the road up to 2 inches deep.

Monroe County

Bozoo 04 1526EST 0 0 **Hail (0.75)**

Penny sized hail covered the ground.

Summers County

Pence Spgs 26 1720EST 0 0 1.8K **Thunderstorm Wind (G55)**

Thunderstorm winds downed trees.

Greenbrier County

4 NNE Lewisburg 26 1810EST 0 0 5K **Thunderstorm Wind (G57)**

Thunderstorm winds downed trees northeast of Lewisburg with power lines downed near the Greenbrier and Summers county line.

WEST VIRGINIA, West

Barbour County

Belington 01 1730EST 0 6 **Lightning**

Lightning struck the Belington Wellness Center, sending an electrical charge inside the building. Six people were shocked, while inside, using the hot tub. The victims were treated and released.

Barbour County

Belington 01 1915EST
2030EST 0 0 50K **Flash Flood**

A small complex of showers and thunderstorms trained over the northern sections of Belington, affecting the Mill Creek drainage. Rain was estimated around 3 inches in 2 hours in a small localized area. The cooperative observer at Belington measured 2.38 inches in less than 2 hours.

An assessment of damage by the state included 3 houses with minor damage. Three other houses were affected, as water surrounded them or outbuildings were flooded. The carpet in 2 classrooms of the elementary school was damaged. Several roads were briefly closed, including Routes 92 and 250.

Logan County

Lyburn 04 1203EST 0 0 **Hail (1.00)**

Mcdowell County

Welch 04 1229EST 0 0 **Hail (0.75)**

Mcdowell County

Premier 04 1238EST 0 0 **Hail (0.88)**

Wood County

Mineral Wells 04 1346EST 0 0 **Hail (0.75)**

Jackson County

1 N Sandyville 04 1350EST 0 0 **Hail (0.88)**

Doddridge County

4 NE West Union 04 1400EST 0 0 **Thunderstorm Wind (G50)**

Trees were blown down along County Route 14.

Storm Data and Unusual Weather Phenomena

June 2006

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									
Calhoun County									
Grantsville	04	1442EST			0	0			Hail (0.88)
Raleigh County									
3 S Shady Spg	04	1442EST			0	0			Hail (0.75)
Kanawha County									
Clendenin	04	1504EST			0	0			Hail (0.88)
Clay County									
Bickmore	04	1534EST			0	0			Hail (0.88)
Wayne County									
Wayne	04	1536EST			0	0			Hail (0.75)
Kanawha County									
Charleston	04	1547EST			0	0			Hail (0.88)
Mingo County									
Gilbert	04	1715EST			0	0			Hail (1.00)
Mingo County									
War Eagle	04	1730EST			0	0			Thunderstorm Wind (G50)
			Trees fell along County Route 15.						
Wyoming County									
Pineville	04	1741EST			0	0			Hail (0.75)
			An unseasonably strong upper level low pressure system brought cold air aloft, with the freezing level about 9000 feet. The heating of the day allowed for pulse thunderstorms to develop in the northwest wind flow.						
Lewis County									
8 S Weston	05	1658EST			0	0			Hail (0.75)
Randolph County									
Helvetia	05	1858EST			0	0			Hail (0.75)
Braxton County									
Gassaway	08	1822EST			0	0			Hail (0.75)
Gilmer County									
5 NW Glenville	08	1838EST			0	0			Hail (0.75)
Braxton County									
Rosedale	08	1926EST			0	0			Hail (1.75)
Braxton County									
1 S Frametown	08	1942EST			0	0			Hail (0.75)
Clay County									
Duck	08	1945EST			0	0			Thunderstorm Wind (G50)
			Trees were blown across Route 4.						
Calhoun County									
Mt Zion	08	2000EST			0	0			Hail (0.75)
Clay County									
Bickmore	08	2045EST			0	0			Hail (0.75)
Fayette County									
Hico	08	2100EST			0	0			Hail (0.75)
Nicholas County									
Zela	08	2100EST			0	0			Hail (0.75)
Lincoln County									
West Hamlin	19	2000EST			0	0			Hail (1.00)
Kanawha County									
Nitro	19	2035EST			0	0			Thunderstorm Wind (G50)
			Trees fell in scattered locations across the city.						
Braxton County									
Sutton	19	2215EST			0	0			Hail (0.75)
Mingo County									
5 N Chattaroy	20	1450EST			0	0			Hail (0.75)
Logan County									
Holden	20	1510EST			0	0			Hail (1.00)
Logan County									
Accoville	20	1540EST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 2006

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									
Tyler County Sistersville	22	1415EST			0	0			Hail (0.75)
Jackson County Murraysville	22	1545EST			0	0			Hail (0.88)
Ritchie County 1 N Harrisville	22	1830EST			0	0			Thunderstorm Wind (G50) Trees and large branches were blown down.
Mason County Point Pleasant	22	1910EST			0	0			Thunderstorm Wind (G50) Trees fell onto power lines.
Jackson County Ravenswood	22	1920EST			0	0			Hail (0.75)
Harrison County West Milford	22	2000EST			0	0			Thunderstorm Wind (G50)
Wayne County Kenova	22	2035EST			0	0			Hail (0.75)
Lincoln County 1 E Portersville	22	2105EST			0	0			Hail (0.75)
Cabell County Ona	22	2107EST			0	0	5K		Thunderstorm Wind (G50) Trees were blown down and some outbuildings were flattened.
Putnam County Hurricane	22	2120EST			0	0			Thunderstorm Wind (G50)
Kanawha County Cross Lanes to Dunbar	22	2150EST 2155EST			0	0			Thunderstorm Wind (G50) Trees fell onto power lines.
Raleigh County Beckley	22	2353EST			0	0			Hail (0.88)
Logan County Ethel	23	0300EST			0	0			Thunderstorm Wind (G50) Trees were blown down.
Pocahontas County 3 E Green Bank to Cass	24	1515EST 1700EST			0	0	2K		Flash Flood Portions of Deer Creek and its north fork flooded after 2 to 2.5 inches of rain. Water was 3 feet deep near the intersection of Routes 26 and 66. No dwellings were flooded.
Pocahontas County Slaty Fork to Cass	25	1400EST 1500EST			0	0	2K		Flash Flood Big Spring and Slaty Fork flooded. Route 219 was closed. Mud slides closed Route 66 near Cass.
Raleigh County Crab Orchard to Coal City	26	1400EST 1500EST			0	0	2K		Flash Flood Small streams flooded and closed roads. No dwellings were affected.
Webster County Dyer	27	1000EST 1130EST			0	0	2K		Flood The Williams River and its feeder streams flooded campsites and roads.
Randolph County Monterville	27	1030EST 1130EST			0	0	2K		Flash Flood Small streams flooded roads.

A stalled frontal system and a southeast tropical feed of moisture caused 3 day rain totals, from Saturday the 24th to 1800E on Tuesday the 27th, of 2.5 to 6.7 inches in Pocahontas and Randolph Counties. This was on the western fringe of a much larger event along the Mid Atlantic states. Automatic gauges on Brushy Mountain and at Woodrow in Pocahontas County had around 6.7 inches of rain for the event. Some of the heavier rain totals from cooperative observers were 6.5 inches at Snowshoe, 5.3 inches at Webster Springs, and 4.8 inches at Valley Head. Luckily, prior to the event, the ground was dry and the streams were running at their usual low summer level. However, minor flooding of small streams and headwater rivers did eventually occur, especially on

Storm Data and Unusual Weather Phenomena

June 2006

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									
	the 26th into the 27th.								
Pleasants County									
Hebron	29	1240EST			0	0			Hail (1.00)
Doddridge County									
West Union	29	1330EST			0	0			Hail (0.75)
Ritchie County									
Pullman	29	1410EST			0	0			Hail (0.88)
Mcdowell County									
Welch	29	1515EST			0	0			Hail (0.88)
Pocahontas County									
Marlinton	29	1538EST			0	0			Hail (0.88)
Lewis County									
Horner	29	1540EST			0	0			Hail (0.88)
Pocahontas County									
Buckeye	29	1545EST			0	0			Hail (0.88)
Upshur County									
Tallmansville	29	1552EST			0	0			Hail (0.75)
Upshur County									
Adrian	29	1555EST			0	0			Hail (1.00)
Upshur County									
French Creek	29	1559EST			0	0			Hail (1.00)
Upshur County									
Buckhannon	29	1602EST			0	0			Hail (1.00)
WISCONSIN, Northeast									
Winnebago County									
5 E Larsen	02	1522CST			0	0			Hail (0.75)
Winnebago County									
5 SE Larsen	02	1539CST			0	0			Hail (1.00)
Winnebago County									
Winnebago	02	1548CST			0	0			Hail (0.75)
Winnebago County									
Oshkosh	02	1558CST			0	0			Hail (0.75)
Winnebago County									
Winnebago	02	1603CST			0	0			Hail (0.88)
Winnebago County									
Oshkosh	02	1605CST			0	0			Hail (1.00)
An unstable atmosphere combined with a disturbance in the upper atmosphere to produce thunderstorms in east central Wisconsin. The storms dropped hail up to an inch in diameter across Winnebago county late in the afternoon.									
Lincoln County									
Tomahawk	06	1545CST			0	0			Thunderstorm Wind (G50)
Lincoln County									
Tomahawk	06	1546CST			0	0			Funnel Cloud
Lincoln County									
Tomahawk	06	1546CST			0	0			Hail (0.75)
Wood County									
3 S Vesper	06	1623CST			0	0			Hail (0.75)
Portage County									
Stevens Pt	06	1702CST			0	0			Funnel Cloud
Waushara County									
5 E Hancock	06	1738CST			0	0			Funnel Cloud
Waupaca County									
Royalton	06	1750CST			0	0			Hail (0.75)
Portage County									
Stevens Pt	06	1805CST			0	0			Hail (0.88)

Thunderstorms developed in the vicinity of a cold front and upper air low pressure system as it passed through Wisconsin. High winds from one of the storms downed numerous trees and power lines in Tomahawk (Lincoln co.). Funnel clouds were spotted in

Storm Data and Unusual Weather Phenomena

June 2006

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

Tomahawk, over the Wisconsin River in Stevens Point (Portage co.) and 5 miles east of Hancock (Waushara co.). The storms also produced penny to nickel size hail as they moved through central Wisconsin.

Outagamie County									
Appleton	18	1703CST 1705CST			0	0			Funnel Cloud
Door County									
Sister Bay	18	1720CST			0	0			Hail (0.88)
Calumet County									
Brillion	18	1744CST			0	0			Hail (1.00)
Calumet County									
New Holstein	18	1807CST			0	0			Funnel Cloud
Calumet County									
1 N St Anna	18	1815CST			0	0			Funnel Cloud
Manitowoc County									
Kiel	18	1815CST			0	0			Funnel Cloud
Calumet County									
New Holstein	18	1825CST			0	0			Hail (0.75)
Manitowoc County									
Kiel	18	1836CST			0	0			Hail (0.75)

Thunderstorms developed near a surface boundary that moved across eastern Wisconsin. The storms produced a waterspout over the Bay of Green Bay, funnel clouds at Appleton (Outagamie co.), New Holstein (Calumet co.), Kiel (Manitowoc co.) and near St. Anna (Calumet co.) and several reports of hail up to an inch in diameter.

Brown County									
De Pere	21	0840CST			0	0			Hail (1.00)
Thunderstorms that moved through Brown county during the morning produced quarter-size hail in De Pere.									
Marathon County									
Wausau	24	1220CST			0	0			Hail (0.75)
Marathon County									
4 SW Wausau	24	1221CST			0	0			Hail (0.88)
Marathon County									
Wausau	24	1232CST			0	0			Hail (0.75)
Marathon County									
2 NE Rothschild	24	1243CST			0	0			Hail (0.75)
Menominee (C)									
3 E Keshena	24	1300CST			0	0			Thunderstorm Wind (G52)
Portage County									
10 N Stevens Pt	24	1410CST			0	0			Thunderstorm Wind (G50)
Portage County									
Custer	24	1430CST			0	0			Funnel Cloud
Calumet County									
4 W Sherwood	24	1614CST 1615CST	0.1	10	0	0			Tornado (F0)
Calumet County									
4 N Chilton	24	1635CST			0	0			Thunderstorm Wind (G52)
Waupaca County									
Scandinavia	24	1712CST			0	0			Lightning

Thunderstorms became severe across central and east central Wisconsin from early afternoon to early in the evening ahead of a front that lifted north into the area. Penny to nickel size hail fell throughout Marathon county. In Wausau (Marathon co.), penny size hail covered the ground and heavy rain caused some street flooding. High winds downed trees 10 miles north of Stevens Point (Portage co.), a funnel cloud was spotted at Custer (Portage co.). A waterspout touched down, and remained nearly stationary, for about a minute in eastern Lake Winnebago (Calumet co.). A tree that was struck by lightning downed power lines in Scandinavia (Waupaca co.).

Marinette County									
Porterfield	27	1756CST			0	0			Hail (1.00)
A thunderstorm produced one inch diameter hail, that covered the ground, as it passed over Porterfield in Marinette county.									
Marinette County									
2 W Crivitz	28	1237CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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

WISCONSIN, Northeast

Marinette County

Coleman	28	1315CST			0	0			Hail (0.75)
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Oconto County

Suring	28	1335CST			0	0			Hail (0.75)
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Brown County

Howard	28	1448CST			0	0			Hail (0.88)
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Scattered thunderstorms produced penny to nicked size hail in northeast Wisconsin. Dime size hail covered the ground at Coleman (Marinette co.) and Suring (Oconto co.) and nickel size hail caused extensive crop damage 2 miles west of Crivitz.

WISCONSIN, Northwest

WIZ008

Sawyer

12	1230CST				0	0	50K		Wildfire
	1700CST								

Smoldering forest dry matter that was sparked by a lightning strike a week earlier flared into a major fire on the east bay of Big Spider Lake. The fire destroyed a boathouse, two sailboats and two trolling motors. An uninhabited cabin was heavily damaged.

Burnett County

7 E Danbury	17	0100CST			0	0			Lightning
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Lightning struck an instrument transformer, causing a two-hour power outage at Spooner, Webb lake, Danbury, Oakland, Yellow Lake, and Devil's Lake.

Bayfield County

1 S Bayfield	17	1430CST			0	0	400K		Thunderstorm Wind (G55)
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Major wind damage to docks and a few boats occurred at two marinas. Many docks were destroyed. One 40 foot boat was destroyed. There was also three-quarter inch hail and some downed trees.

Bayfield County

Washburn	17	1458CST			0	0			Hail (0.75)
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Bayfield County

3 S Bayfield	17	1500CST			0	0			Thunderstorm Wind (G50)
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The concession tent at the Big Top Chautauqua outdoor performance area was blown down. The main tent received hail and water damage. Shows at the tent were cancelled for three days. Hail size is unknown.

WISCONSIN, Southeast

Iowa County

2.8 SW Helena	06	1753CST	0.2	25	0	0			Tornado (F0)
		1755CST							

A tornado spun up 2.8 miles southwest of Helena at 1753CST on the Wisconsin River just west/northwest of the STH 23 bridge that crosses the river. It moved southeast and on-shore just east of the bridge and quickly dissipated at 1755CST. The tornado resulted in only minor tree damage and was rated F0 with winds around 50 knots (58 mph).

Columbia County

3 E Wisconsin Dells to 1.5 SE Lewiston	06	1754CST	6.1	200	0	0	400K		Tornado (F1)
		1813CST							

The first segment of a multi-county-segmented tornado spun up 3.0 miles east of Wisconsin Dells at 1754CST about 0.6 mile east-northeast of the intersection of Broadway Rd. and CTH Q. It headed southeast and crossed STH 16 at Lewiston, and then crossed the Wisconsin River into Sauk County about 1.5 miles southeast of Lewiston at 1813CST. In this first Columbia County stretch, around 10 houses were damaged or destroyed, along with a couple pole sheds and many trees and power lines. An estimated 400,000 dollars in property damage occurred. The tornado was rated F1 with winds of 64 to 97 knots (73-112 mph). After a short track through Sauk County, this tornado re-entered Columbia County about 7 miles west of Portage, crossed Interstate 90/94, and then crossed the Wisconsin River again before dissipating at 1840CST.

Columbia County

2.7 NE Lewiston	06	1755CST			0	0			Hail (0.75)
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Columbia County

2.7 NE Lewiston	06	1755CST			0	0			Thunderstorm Wind (G56)
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Trees down.

Storm Data and Unusual Weather Phenomena

June 2006

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

Sauk County

8.5 ESE Lake Delton to 10.1 ESE Lake Delton	06	1813CST 1817CST	1.6	100	0	0	1K		Tornado (F0)
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This tornado segment is the 2nd of a three-segment tornado (Columbia-Sauk-Columbia). The first segment started in Columbia County about 3.0 miles east of Wisconsin Dells. This second segment entered Sauk County about 8.5 miles east-southeast of Lake Delton at 1813CST (or about 0.6 mile northeast of the intersection of N Hein Rd. and Levee Rd.) and headed southeast. It exited Sauk County about 10.1 miles east-southeast of Lake Delton at 1817CST where Levee Rd. goes east into Columbia County. The tornado caused a tree to fall onto a home which caused 1000 dollars in property damage. The tornado during this second county segment had weakened a bit down to the F0 rating with winds of 35-63 knots (40-72 mph). Overall, this three-segment tornado path length was 16.9 miles with a time span of 1754CST to 1840CST.

Iowa County

5.6 NNW Ridgeway to 3.3 NNE Ridgeway	06	1814CST 1825CST	2.7	30	0	0			Tornado (F0)
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A tornado spun up 5.6 miles NNW of Ridgeway at 1814CST just south of Erdman Rd. (or about 1.5 WNW of an unincorporated hamlet of Hyde). It headed southeast for 2.7 miles and dissipated 3.3 miles NNE of Ridgeway at 1825 CST near a big curve on Dugway Rd. This tornado resulted in only minor tree damage and was rated F0 with winds around 50 knots (58 mph).

Columbia County

7 W Portage to 1 SW Dekorra	06	1817CST 1840CST	9.2	200	0	0	600K		Tornado (F1)
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This tornado segment is a third, county-segment, continuation of a tornado that initially spun up in far northwestern Columbia County about 3.0 miles east of Wisconsin Dells at 1754CST and then crossed into Sauk County about 1.5 miles southeast of Lewiston at 1813CST. This tornado re-entered Columbia County about 7.0 miles west of Portage at 1817CST where Levee Rd. on the south side of the Wisconsin River exits Columbia County going west. The heading of this tornado was southeast, and it crossed Interstate 90/94 near Tritz Road where a vehicle swerved and caused a semitrailer to roll onto its side. It eventually passed through a residential trailer complex/camp ground south of the Cascade Ski Resort. It crossed Interstate 90/94 where Ziehmke Rd approached the Interstate from the east. At this point, the tornado caused a semitrailer to be blown off the road. The tornado then tracked over the extreme eastern edge of Pickerel Lake, crossed over the Wisconsin River for the second time, and dissipated about 1.0 mile southwest of Dekorra at 1840CST, just short of CTH V. Around 10 houses were damaged, along with a barn, a couple pole sheds, and many trees and power lines. The tornado caused about 600,000 dollars in property damage, and was rated F1 with winds of 64-97 knots (73-112 mph). The tornado was well-photographed and filmed. Overall, this F1 Columbia-Sauk-Columbia County tornado path length was 16.9 miles with a beginning time of 1754CST and an ending time of 1840CST.

Iowa County

1.5 W Barneveld to 1.4 WSW Barneveld	06	1833CST 1835CST	0.5	30	0	0	5K		Tornado (F0)
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A tornado spun up 1.5 miles west of Barneveld at 1833 CST just northwest of the intersection of STH 18/151 and Ihm-Harris Rd. It traveled southeast across the intersection of these two roads and dissipated about 100 yards southeast of the intersection about 1.4 miles WSW of Barneveld at 1835CST. About 5,000 dollars in damage occurred to a shed and home. The tornado was rated an F0 with winds around 56 knots (65 mph).

Columbia County

Arlington	06	1915CST			0	0			Funnel Cloud
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Dane County

2 E Waunakee	06	1930CST			0	0	5K		Thunderstorm Wind (G70)
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Around 1930 CST (830 PM CDT) thunderstorm wind gusts took a roof off a house 2 miles east of Waunakee. Winds were estimated at 70 knots (80 mph). About 5,000 dollars in damage resulted.

Green County

3 N Monticello	06	1945CST			0	0			Funnel Cloud
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Green Lake County

Marquette	06	2040CST			0	0			Hail (0.88)
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Several supercell thunderstorms developed along a cold front across southwest Wisconsin and pushed east southeast into south-central Wisconsin during the late afternoon and early evening. Six tornadoes resulted from these storms (listed with details above) of the F0 to F1 variety across the counties of Sauk, Columbia, and Iowa. A couple funnel clouds were reported in Green and Columbia counties, as well as large hail in Green Lake and Columbia counties, and thunderstorm wind damage in Dane and Columbia counties. Synoptically, with temperatures in the low or mid 70s and dewpoints in the mid 60s with cold air aloft, high instability resulted. Vertical wind shear, in addition to lift with the cold front, allowed supercell thunderstorms to develop. Sufficient low-level shear allowed tornadic development with two of the supercells.

Dane County

3.4 SW Stoughton	18	1322CST	0.1	20	0	0			Tornado (F0)
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A brief tornado spun up at 1322CST at a location 3.4 miles southwest of Stoughton, just northeast of the intersection of CTH A and Lake Kegonsa Rd. Only some tree and shrub damage was noted and the tornado was rated F0 with winds of 35-63 knots (40-72 mph). The parent thunderstorm eventually moved east and generated another funnel cloud southeast of Stoughton.

Storm Data and Unusual Weather Phenomena

June 2006

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

Dodge County

**1.5 SSE Rubicon to
2.4 SE Rubicon**

18	1326CST 1327CST	1.2	25	0	0				Tornado (F0)
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A tornado spun up at 1326CST at a location 1.5 SSE of Rubicon about 0.2 mile south of the intersection of STH 60 and Resthaven Rd. It tracked east-southeast and exited Dodge County at 1327CST about 2.4 southeast of Rubicon (or about 0.6 mile south of where STH 60 goes east into Washington Co.). Only some minor tree damage was noted with this segment of the tornado track, which was rated F0 with winds of 35-63 knots (40-72 mph).

Washington County

**2 W Hartford to
2.7 SE Hartford**

18	1327CST 1339CST	4.6	400	0	1	4M			Tornado (F1)
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This tornado segment is a continuation of the Dodge County segment southeast of Rubicon. This second segment entered Washington County at a location 2.0 miles west of Hartford (about 0.6 mile south of where STH 60 goes east into Dodge Co.) and headed east-southeast through the southern part of the city of Hartford. The tornado strengthened to a high end F1 as it passed through the city. Around 147 residences sustained at least some damage ranging from tree damage to severe structural damage. Ten businesses also sustained structural damage. Lincoln Elementary School's roof was completely destroyed. Estimated damage amounts totaled about 4 million dollars. One person was directly injured by the tornado and two others were indirectly injured. Nobody was killed. The tornado continued east-southeast to a dissipation location 2.7 miles southeast of Hartford (about 0.1 mile southeast of the northern intersection of CTH E and K) at 1339CST. This segment of the tornado track was rated as F1 with winds of 64-97 knots (73-112 mph).

Dane County

3 SE Stoughton

18	1353CST			0	0				Funnel Cloud
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Sheboygan County

Sheboygan

18	1850CST 1905CST			0	0				Funnel Cloud
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On a day one would not expect any tornadoes, a couple tornadoes did manage to spin up in southern Wisconsin. A fairly abnormal weather situation developed during the early afternoon hours of June 18th. After a large area of stratiform rain moved east out of Wisconsin, a line of scattered thunderstorms developed on the western edge of the rain shield. Two storms developed supercellular characteristics and produced a couple tornadoes - one that moved from Dodge County into Washington County, and another brief one in Dane county. In addition, a couple funnel clouds were reported. Specific details of both tornadoes are found above. Synoptically, a trough pushed through south-central and southeast Wisconsin during the late morning and afternoon hours. A moist airmass left behind from morning rain allowed for low cloud base heights. Sufficient low-level vertical wind shear was present for rotating storms. Once rotation was evident in the thunderstorms, tornadoes were easily formed because of low cloud heights and decent low-level CAPE.

Rock County

5 NW Beloit

21	0430CST			0	0				Hail (0.75)
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Rock County

5 NW Beloit

21	0430CST			0	0				Thunderstorm Wind (G52)
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Trees down.

Walworth County

Lake Geneva

21	0447CST			0	0				Thunderstorm Wind (G52)
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Trees down.

Green County

Brodhead

21	0500CST			0	0	10K			Thunderstorm Wind (G56)
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Trees down.

Rock County

Beloit

21	0502CST			0	0	20K			Thunderstorm Wind (G56)
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Damaging thunderstorm winds caused a tree to topple onto a house which tore an electrical box off the side of the house. When the electrical box began to overheat, the house caught fire. Chimney damage, roof damage, and smoke damage caused around 20,000 dollars in property damage.

Green County

Monroe

21	0505CST			0	0				Thunderstorm Wind (G56)
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Trees down.

Racine County

Burlington

21	0515CST			0	0				Thunderstorm Wind (G52)
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Trees down.

Green County

Monticello

21	0530CST			0	0				Thunderstorm Wind (G56)
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Trees down.

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Racine County									
Bohners Lake	21	0530CST			0	0			Thunderstorm Wind (G52)
			Trees down.						
Racine County									
Rochester	21	0530CST			0	0			Thunderstorm Wind (G56)
			Trees down.						
Dane County									
1 SW Waunakee	21	0550CST			0	0			Funnel Cloud
Waukesha County									
Brookfield	21	0550CST			0	0	10K		Thunderstorm Wind (G56)
			Trees and power lines down.						
Waukesha County									
Brookfield	21	0605CST			0	0			Thunderstorm Wind (G52)
			Trees down.						
Milwaukee County									
.5 SE Hales Corners	21	0606CST			0	0			Thunderstorm Wind (G56)
			Trees and power lines down on Potter Rd.						
Milwaukee County									
Hales Corners	21	0612CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on Godsell Road.						
Washington County									
Jackson	21	0612CST			0	0			Thunderstorm Wind (G50)
Milwaukee County									
1.5 E Oak Creek	21	0615CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on Puetz Rd. and Chicago.						
Milwaukee County									
5 SSW Milwaukee	21	0619CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on 76th street.						
Milwaukee County									
8.5 SSE Milwaukee	21	0620CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on West Tower Rd.						
Milwaukee County									
Bayside	21	0625CST			0	0	10K		Thunderstorm Wind (G56)
			Trees and power lines down.						
Milwaukee County									
2 E Milwaukee	21	0631CST			0	0	10K		Thunderstorm Wind (G56)
			Trees and power lines down on N. 13th St.						
Ozaukee County									
Mequon	21	0632CST			0	0	10K		Thunderstorm Wind (G56)
			Trees and power lines down.						
Dodge County									
Hustisford	21	0638CST			0	0			Thunderstorm Wind (G50)
			Trees down.						
Milwaukee County									
2 SE Milwaukee	21	0641CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on 25th and Wells.						
Lafayette County									
1 N South Wayne	21	0649CST			0	0			Thunderstorm Wind (G50)
			Trees down on Mink Farm Rd.						
Washington County									
Countywide	21	0655CST			0	0	50K		Thunderstorm Wind (G65)
			Widespread tree and power line damage across most of the county.						
Milwaukee County									
3 E Milwaukee	21	0657CST			0	0	20K		Thunderstorm Wind (G56)
			Trees and power lines down on Wright and Holton.						
Rock County									
Beloit	21	0700CST			0	0			Thunderstorm Wind (G56)
			Widespread tree damage.						

Storm Data and Unusual Weather Phenomena

June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
WISCONSIN, Southeast									
Rock County									
Janesville	21	0701CST			0	0			Thunderstorm Wind (G56)
			Widespread tree damage.						
Fond Du Lac County									
Fond Du Lac	21	0705CST			0	0			Thunderstorm Wind (G52)
			Trees down near Highway 41 in Fond du Lac.						
Milwaukee County									
6.5 SE Milwaukee	21	0708CST			0	0			Thunderstorm Wind (G52)
			Trees down.						
Green County									
Browntown	21	0715CST			0	0			Thunderstorm Wind (G50)
			Tree down.						
Green County									
Albany	21	0745CST			0	0			Thunderstorm Wind (G52)
			Trees down.						
			Numerous thunderstorms developed during the early morning hours of June 21st, producing mainly damaging straightline winds. Trees and power lines were reported down across many areas of south-central and southeast Wisconsin. A funnel cloud was also reported in Dane County and a hail report was received from Rock County. Synoptically, thunderstorms developed along a warm front that extended from northeast Iowa, into southern Wisconsin and across Lake Michigan into Lower Michigan. A layer of drier air aloft contributed to the cause for wind damaging thunderstorms.						
Columbia County									
Dekorra to North Leeds	25	0130CST 0210CST			0	0	1M	3M	Hail (1.00)
			A roughly 40 to 45-minute hail shower (stones up to the size of quarters) fell in a band from Dekorra to North Leeds. Crop, vegetable, and fruit damage was noted, and in some cases, an entire year's crop was lost due to hail damage. Many residential homes and vehicles were damaged. Hail depth on some roads reached 8 inches and had to be plowed off the roads. The damage amounts are pure estimates.						
Columbia County									
Wyocena to Arlington	25	1330CST 1600CST			0	0	40K		Flash Flood
			Thunderstorms with torrential rainfall of 3 to 6 inches (radar estimated) within a couple hours caused low spots on several roads to be washed out near Poynette. In addition, there were other washouts of gravel shoulders on some roads. Several roads had water depths of 1 to 2 feet on low spots.						
Columbia County									
Poynette	25	1340CST			0	0			Hail (0.75)
Sauk County									
Hillpt	25	1400CST 1700CST			0	0	500K	1K	Flash Flood
			Thunderstorms with torrential downpours produced rainfalls of 3 to 6 inches (radar estimated) in west-central Sauk County. Specifically, 4.67 inches of rain fell in Hill Point from 1315CST to 1430CST. Several shoulder gravel washouts occurred on a couple roads in the west-central part of the county as well as on some residential driveways. Several roads had water depths of 1 to 2 feet on low spots. The area that was affected the most was a 2 mile by 10 mile band in the Civil Towns of Ironton and Washington. In this area, four roads had a low spot washed away from the floods. One farm lost 4 acres of a hay/alfalfa crop.						
Columbia County									
4 S Wyocena	25	1410CST			0	0			Hail (0.88)
Sauk County									
Loganville	25	1430CST			0	0			Hail (0.88)
Dane County									
Middleton	25	1500CST 1630CST			0	0	20K		Flash Flood
			Heavy rains of 3 to 5 inches (radar estimated) from thunderstorms caused water to flood over many roads just north of Middleton. Some gravel shoulder washouts were noted, as well as some basement flooding.						
Dane County									
Middleton	25	1500CST			0	0	20K		Heavy Rain
			The heavy rains that fell in the Middleton area resulted in a partial collapse of a roof of a warehouse due to accumulation of rain water on the roof.						

Storm Data and Unusual Weather Phenomena

June 2006

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

Dane County

4.5 NE Sun Prairie 25 1500CST 1700CST 0 0 20K Flash Flood

Heavy rains of 3 to 5 inches (radar estimated) in a short period of time resulted in flash flooding. Gravel shoulder washouts occurred on a couple roads, and there was some basement flooding.

Walworth County

1 S La Grange 26 0115CST 0 0 2K Lightning

Lightning struck the roof a residence causing a 6-8 inch hole in the roof, and the collapse of the ceiling under the impact area.

Walworth County

3.8 SE La Grange 26 0130CST 0 0 1K Lightning

Lightning struck a tree and traveled through the ground to a residence near STH 12/67 and Lauderdale Drive, and broke two windows and cracked some drywall.

Very slow moving clusters of thunderstorms developed across south-central Wisconsin during the early afternoon hours of June 25th. Very heavy rains within these storms produced 3 to 5 inches of rain in some areas and resulted in flash flooding near Sun Prairie (Dane Co., Wyocena to Arlington (Columbia Co.), and Middleton (Dane Co.). Road washouts, gravel shoulder washouts, and basement flooding were the main result from this flooding. A large area of southern Columbia County had considerable flood and hail damage - refer to details in the specific line entries for flash flooding and hail events for this date. The slow movement of the the thunderstorms amplified the damage.

Dodge County

Beaver Dam 27 1748CST 0 0 Thunderstorm Wind (G52)

Three trees, 1 powerline, and 1 cable line were reported down due to powerful thunderstorm winds.

Dodge County

4 SW Horicon 27 1800CST 0 0 Funnel Cloud

Washington County

2 W Kewaskum 27 1902CST 0 0 Hail (0.88)

A few severe weather events were recorded as slow moving scattered thunderstorms developed across portions of south-central and southeast Wisconsin. Damaging straight-line winds and large hail were noted.

Columbia County

Pardeeville to 28 1612CST 1615CST 0 0 Hail (0.88)
3 SE Pardeeville

Marquette County

6 SW Endeavor 28 1620CST 1623CST 0 0 Hail (0.75)

Dodge County

4 NE Watertown 28 1655CST 0 0 Hail (0.75)

Waukesha County

Oconomowoc 28 1708CST 0 0 Hail (0.88)

Waukesha County

1 E Delafield to 28 1721CST 1740CST 0 0 Thunderstorm Wind (G52)
Genesee Depot

Trees were reported down with the damaging winds. Penny sized hail was also noted for 5 minutes within the swath of wind damage.

Dane County

Cottage Grove 28 1730CST 1735CST 0 0 Hail (0.75)

The ground was nearly covered white with hail accumulation.

Rock County

Janesville 28 1808CST 0 0 Thunderstorm Wind (G52)

Trees down.

Scattered thunderstorms developed during the late afternoon or early evening hours of June 28th across south-central and southeast Wisconsin. Some of these storms pulsed to severe limits and produced marginally severe hail and damaging winds. Cold air aloft created instability which allowed the storms to develop. These storms diminished as the evening progressed.

WISCONSIN, Southwest

Clark County

Greenwood 06 1510CST 0 0 Thunderstorm Wind (G52)

Monroe County

1 W Shennington 06 1548CST 0 0 Hail (0.75)

Vernon County

9 E La Farge 06 1600CST 0 0 1K Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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 3 N New Lisbon	06	1615CST			0	0	0.50K		Hail (0.88)
Richland County 1 NE Bloom City	06	1615CST			0	0			Hail (0.75)
Richland County Neptune	06	1647CST			0	0	0.60K		Hail (0.88)
Adams County 4 NW Big Spg	06	1725CST 1740CST			0	0	0.50K		Hail (0.88)
Storm spotters, law enforcement officials and the public reported hail varying in size from pennies to as large as quarters.									
Grant County 5 NW Patch Grove	18	1550CST 1555CST			0	0			Hail (0.75)
Grant County Patch Grove	18	1605CST			0	0			Hail (0.88)
Penny to nickel size hail was reported by the public.									
Trempealeau County 2 SW Blair	24	1526CST			0	0			Hail (0.75)
The public reported penny size hail.									
La Crosse County La Crosse	25	1205CST 1415CST			0	0	40K		Heavy Rain
Rainfall amounts of 1.5 to 2 inches in a couple of hours caused minor flooding of urban areas on the south side of the city of La Crosse. Law enforcement officials reported stalled cars and water covering roads.									
La Crosse County La Crosse	25	1300CST			0	0	75K		Lightning
A lightning strike caused smoke and fire damage to a residence in the city of La Crosse. The occupants were able to get out safely and no injuries were reported.									
Vernon County Potts Corner	25	1400CST			0	0			Hail (0.88)
Crawford County 3 N Gays Mills	25	1520CST			0	0			Hail (0.88)
Nickel size hail was reported by law enforcement officials and the public.									
<u>WISCONSIN, West</u>									
Chippewa County Cadott	24	1215CST 1216CST			0	0			Hail (0.75)
Eau Claire County 1 S Augusta	24	1215CST 1218CST			0	0			Hail (0.75)
<u>WYOMING, Central and West</u>									
Johnson County 11.4 NW Kaycee	09	1155MST			0	0			Hail (0.75)
Hail fell in the community of Mayoworth.									
Fremont County 11.8 NW Riverton	09	1346MST			0	0			Hail (1.00)
Lincoln County 4 NE Thayne	14	0855MST			0	0			Hail (1.00)
Teton County 4.5 NE Alta	14	0925MST			0	0			Hail (0.75)
Teton County Jackson	14	0942MST			0	0			Hail (1.75)
Park County 19 NE Meeteetse	14	1125MST			0	0			Hail (0.75)
Big Horn County Burlington	14	1142MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 2006

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

WYOMING, Central and West

Big Horn County 1 N Burlington	14	1147MST			0	0			Hail (1.50)
Big Horn County 2 ENE Emblem	14	1150MST 1155MST			0	0			Hail (2.00)
Big Horn County Emblem	14	1150MST			0	0			Hail (1.75)
Big Horn County 18 ESE Lovell to 16 NE Lovell	14	1240MST 1245MST			0	0	35K		Thunderstorm Wind (G65)

A severe thunderstorm cut a path of damage more than 60 miles long across Park and Big Horn counties. The largest hail was observed in a swath from near Burlington to just east of Emblem. Damaging wind was responsible for snapping seven power poles along U.S. Highway 14A east of Lovell near the foothills of the Bighorn Mountains. A NWS storm damage survey revealed numerous trees snapped mid-trunk in the Bighorn Mountain foothills.

Big Horn County Byron	14	1208MST			0	0			Hail (0.88)
Big Horn County 5 SW Lovell	14	1210MST			0	0			Hail (1.75)
Big Horn County Lovell	14	1220MST			0	0			Hail (1.00)
Big Horn County 5 E Lovell	14	1225MST			0	0	12K	0.50K	Hail (2.00)
Big Horn County 6 E Lovell	14	1225MST			0	0	12K	275K	Hail (1.75)

A severe thunderstorm quickly developed near Byron and tracked northeast over the city of Lovell toward the Bighorn Canyon National Recreation Area. Large hail of around two inches in diameter fell five to six miles east of Lovell where two homes sustained substantial roof and siding damage. Approximately 900 acres of sugar beets, over 100 acres of corn, and about 40 acres of alfalfa were destroyed by the large hail.

Big Horn County 4 NNW Basin	14	1230MST			0	0			Thunderstorm Wind (G52)
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A wind gust to 60 mph was reported at the county landfill north of Basin.

Fremont County Dubois Muni Arpt	19	1555MST			0	0			Thunderstorm Wind (G60)
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AWOS at Dubois Municipal Airport reported sustained winds of 46 knots gusting to 60 knots.

Natrona County (Cpr)Natrona Co Arpt	19	1951MST			0	0			Thunderstorm Wind (G55)
Natrona County 18 SW Casper	19	2004MST			0	0	1K		Thunderstorm Wind (G56)
Natrona County 3 N Casper	19	2010MST 2025MST			0	0			Thunderstorm Wind (G61)

Thunderstorm outflow caused widespread reports of 55 to 65 knot winds in east central Natrona County. A shed near the intersection of Wyoming state highways 220 and 487 was thrown approximately 500 feet and destroyed. Visibility was greatly reduced due to blowing dust. In Bar Nunn, a trailer with 12 tie downs was rocked repeatedly for about 15 minutes.

Washakie County 9 SW Worland	30	1928MST			0	0			Hail (1.00)
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Public report of one inch diameter hail on U.S. Highway 20.

Johnson County Linch	30	2223MST			0	0			Hail (1.00)
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Johnson County 5.4 SE Linch	30	2229MST			0	0			Hail (2.75)
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Baseball sized hail was reported at the junction of Wyoming state highways 192 and 387.

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

June 2006

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, Northeast</u>									
Campbell County 15 NE Wright	09	1425MST 1440MST			0	0	0	0	Hail (1.00)
Campbell County 15 NE Wright	09	1425MST 1440MST			0	0	10K	0	Thunderstorm Wind (G61)
Campbell County 13 NE Wright	09	1430MST			0	0	0	0	Hail (1.25)
			A severe thunderstorm moved across east-central Campbell County, bringing large hail to areas northeast of Wright. Strong winds from the thunderstorm damaged small outbuildings and blew over trees. The combination of hail and wind killed 10 sheep on ranchland.						
Weston County Newcastle	14	1442MST			0	0	5K	0	Thunderstorm Wind (G52)
			A business had a plate glass window blown out and part of its roof torn off.						
Campbell County 3 SE Gillette	19	1815MST			0	3	2K	0	Thunderstorm Wind (G50)
			The roof of a masonry ballpark dugout blew off, injuring 3 people. The injuries to two adults and a 2 year old child were minor.						
Campbell County 13 E Wright	19	1830MST			0	0	0	0	Hail (0.75)
Campbell County 16 ESE Wright	19	1835MST			0	0	0	0	Hail (1.75)
Crook County 2 SW Lightning Flat	19	1835MST			0	0	0	0	Hail (0.75)
			Estimated 50 mph wind gusts occurred with the hail.						
Crook County 8 NW Colony	19	1925MST			0	0	0	0	Thunderstorm Wind (G61)
Campbell County 25 NE Weston	19	1932MST			0	0	0	0	Thunderstorm Wind (G58)
Crook County 2 SW Lightning Flat	19	1940MST			0	0	0	0	Thunderstorm Wind (G61)
			A supercell thunderstorm moved across northern Campbell and northwest Crook counties, producing wind gusts around 70 mph.						
Weston County 19 SW Upton	23	1430MST			0	0	0	0	Hail (0.88)
<u>WYOMING, Southeast</u>									
Laramie County Albin	05	0015MST			0	0			Hail (0.75)
Goshen County 9 NW Hawk Spgs to 3 SW Yoder	10	1122MST 1126MST			0	0			Hail (0.88)
			Penny to nickel sized hail reported.						
Laramie County 8 S Cheyenne	10	1306MST 1309MST			0	0			Hail (1.00)
Laramie County 4 NW Carpenter to 3 N Carpenter	10	1345MST 1349MST			0	0			Hail (1.00)
			3/4 to 1 inch diameter hail reported.						
Goshen County 4 E Yoder	11	1615MST			0	0			Hail (0.75)
Goshen County 3 SW Yoder to 8 ESE Torrington	11	1710MST 1720MST			0	0			Hail (0.75)
Laramie County 5 S Cheyenne to Cheyenne	11	1715MST 1730MST			0	0			Hail (0.88)
			Penny to nickel sized hail reported.						
Laramie County 5 W Pine Bluffs	11	1723MST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 2006

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>									
Niobrara County									
Redbird	11	1917MST			0	0			Hail (1.00)
Laramie County									
Albin	12	1620MST			0	0			Hail (0.75)
Laramie County									
Pine Bluffs	12	1713MST 1723MST			0	0			Hail (1.25)
		1 to 1 1/4 inch diameter hail.							
Laramie County									
6 N Burns	12	1910MST			0	0			Hail (0.75)
Laramie County									
5 ESE Carpenter	19	1638MST			0	0			Hail (1.75)
Laramie County									
20 W Albin	20	1326MST			0	0			Hail (0.88)
Laramie County									
Burns	22	0027MST			0	0			Hail (0.75)
Niobrara County									
10 S Redbird to 15 NE Lusk	23	1647MST 1710MST			0	0			Hail (1.75)
		3/4 to 1 3/4 inch diameter hail reported along a track from north to northeast of Lusk, WY.							
Laramie County									
25 WSW Cheyenne to 24 WSW Cheyenne	24	1419MST 1424MST			0	0			Hail (1.75)
		Hail sizes estimated from 1 to 1 3/4 inch in diameter.							
Goshen County									
7 N Torrington	24	1620MST 1623MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

January 2006

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

Additions/Corrections

KENTUCKY, Eastern

Lee County

Beattyville	23	0140EST 0150EST			0	0	0	0	Flash Flood
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One mile stretch of Highway 52 just west of Beattyville heading towards Irvine impassable due to high water. Portions of Gilliam Road also impassable due to high water.

Lee County

Beattyville	23	0250EST 0300EST			0	0	0	0	Flash Flood
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Portions of Blaines Branch Road closed due to high water.

Laurel County

London	23	0215EST 0225EST			0	0	0	0	Flash Flood
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Portions of Middle Ground Way and Commercial Drive off of Highway 25 as well as Sallys Branch Road off of Highway 80 and Tobacco Road off of East 4th Street impassable due to high water.

Whitley County

Corbin	23	0335EST 0345EST			0	0	0	0	Flash Flood
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Intersection of Highways 26 and 3041 impassable due to high water. Portions of Bacon Creek Road impassable due to high water.

Whitley County

Faber	23	0410EST 0430EST			0	0	0	0	Flash Flood
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Highway 26 at the underpass impassable due to high water.

Whitley County

10 NW Williamsburg	23	0410EST 0430EST			0	0	0	0	Flash Flood
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Portions of Highway 90 near the Cumberland Falls State Resort Park impassable due to high water.

Rockcastle County

Wildie	23	0440EST 0450EST			0	0	0	0	Flash Flood
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PORTIONS OF HIGHWAY 1786 IMPASSABLE AND BRUSH CREEK ROAD OFF OF HIGHWAY 1912 IMPASSABLE DUE TO HIGH WATER.

MINNESOTA, Northeast

Carlton County

Barnum	01	2026CST			0	0			Hail (0.88)
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TEXAS, North Panhandle

TXZ015-019

Wheeler - Donley

	01	1100CST			0	1			Wildfire
	04	1700CST							

A deepening low pressure system over Kansas...low relative humidities...and dry fuels combined to produce extreme fire danger conditions. A wildfire burned nearly twenty-three thousand acres in the southeast Texas panhandle between Interstate 40 and Clarendon. Several houses were threatened outside Clarendon...however the fire was diverted around them. Another wildfire burned nearly thirty-one hundred acres just northeast of Shamrock. About one hundred people were evacuated by authorities and about ten structures and one motel were threatened by the wildfire. One firefighter on the Howardwick wildfire was injured when he received minor burns to the face.

Storm Data and Unusual Weather Phenomena

February 2006

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

AMERICAN SAMOA

Tutuila

Countywide

01	0500SST 2000SST								
		0	0	50K	10K	Heavy Rain			

Heavy rainfall flooded 50 percent of homes in the village of Tafuna. Personal properties, including household goods, were ruined by the increasing flow of water. Two families were "forced from their homes by the floodwaters" and no injury reported. Heavy rainfall impacted roads causing potholes and "in some cases becoming deeper, resulting in an overall traffic slowdown around the Island."

The Weather Service Office blamed a stationary monsoon trough over the Islands which produced occasional showers...with heavy rainfall at times. The Weather Service Office recorded about 5.53 inches of precipitation for this day.

Tutuila

Countywide

01	0600SST 1800SST								
		0	0	9K	2K	Flash Flood			

Heavy downpour caused overflow of small streams and flooding along road and sidewalks across the Island of Tutuila. The Weather Service Office recorded a total precipitation of 5.53 inches for this day's event. No injury reported.

ASZ002

Tutuila

01	0800SST								
03	1500SST	0	0	20K	5K	High Wind (G53)			

Strong gusty winds from the northwest reaching over 50 mph destroyed over 40 percent of crops in the Island of Tutuila. A gale warning was issued for the Islands of Tutuila Aunuu and Manu'a. During this 3-day period, continuous landslides and fallen trees were observed in a lot of villages.

No death or injury reported.

Manu'A

Countywide

06	0800SST 1400SST								
		0	0					Heavy Rain	

Tutuila

Countywide

06	0800SST 1400SST								
		0	0					Heavy Rain	

Heavy rainfall caused an increase in rising water in several villages across the Island of Tutuila. Some roads were flooded with at least 1 to 3 inches of water, causing traffic congestion in some areas. A total rainfall of 4.22 inches was recorded at the Weather Service Office for this event. No injury reported.

ASZ002

Tutuila

22	0500SST 1400SST								
		0	0	7K	1K	High Wind (G51)			

Strong and gusty northwest winds of 59 mph were associated with locally heavy rainfall over the Samoan Islands. An active trough near the Islands was blamed for the cause of these unfavorable conditions. A rainfall amount of 3.92 inches was recorded by the Weather Service Office for this event. No injury reported.

Storm Data and Unusual Weather Phenomena

March 2006

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

ALABAMA, North

Franklin County									
Red Bay to Belgreen	09	1517CST 1530CST			0	0			Thunderstorm Wind (G70)
			Trees were blown down.						
Colbert County									
Mt Hester to Cherokee	09	1520CST			0	0			Thunderstorm Wind (G70)
			Trees were blown down.						
Lauderdale County									
Wright	09	1525CST			0	0			Thunderstorm Wind (G60)
			Trees were blown down along and west of Natchez Trace Parkway.						
Lauderdale County									
Center Hill	09	1540CST			0	0	5K		Thunderstorm Wind (G80)
			A roof was blown off of a house.						
Franklin County									
Hodges	09	1550CST			0	0	5K		Thunderstorm Wind (G80)
			A roof blown was blown off of a house along Highway 187.						
Franklin County									
Newburg	09	1557CST			0	0			Thunderstorm Wind (G70)
			Several trees were blown down.						
Lauderdale County									
Petersville	09	1600CST			0	0			Funnel Cloud
Lauderdale County									
Oakland	09	1601CST			0	0			Thunderstorm Wind (G70)
			Several trees were blown down.						
Lawrence County									
Wren	09	1614CST			0	0			Thunderstorm Wind (G60)
Lawrence County									
Hatton	09	1645CST			0	0			Thunderstorm Wind (G70)
			Trees were blown down.						
Cullman County									
2 W Jones Chapel	09	1650CST			0	0			Hail (0.75)
			Penny sized hail was reported.						
Morgan County									
Eva	09	1650CST			0	0	5K		Thunderstorm Wind (G80)
			A roof was blown off of a house along Lawrence Cove Road. Power lines were blown down in the city of Eva.						
Cullman County									
2 W Jones Chapel	09	1700CST			0	0	0.50K		Thunderstorm Wind (G70)
			Roof damage was reported to a chicken house.						
Limestone County									
Athens	09	1700CST 1710CST			0	0			Thunderstorm Wind (G70)
			Numerous trees were blown down.						

Storm Data and Unusual Weather Phenomena

March 2006

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

ALABAMA, North

Morgan County									
Decatur to 5 SE Decatur	09	1710CST 1725CST			0	0	0.50K		Thunderstorm Wind (G70)
Trees were blown down along Highway 36 between Highway 67 and Interstate 65. A billboard sign was blown onto a mobile home on Sixth Avenue.									
Morgan County									
2 W Somerville	09	1710CST			0	0			Hail (1.75)
Golf ball sized hail was reported along Highway 36.									
Madison County									
Huntsville	09	1725CST			0	0			Thunderstorm Wind (G60)
A traffic signal was blown down at Highway 20 and Governors West. A billboard was blown down in South Huntsville.									
Marshall County									
Arab	09	1734CST			0	0	0.50K		Thunderstorm Wind (G70)
Windows were blown out of a house.									
Limestone County									
Athens	09	1800CST			0	0	10K		Lightning
Lightning struck a new house causing damage to an attic.									
Jackson County									
5 SW Scottsboro	09	1820CST			0	0			Thunderstorm Wind (G60)
A tree was blown down onto a house. A potent early Spring low pressure system moved through the lower Missouri and Mid-Mississippi Valley dragging a cold front through the Tennessee Valley. This front produced a squall line of severe thunderstorms producing widespread damaging winds to the region.									
Cullman County									
2 NE Arkadelphia	13	1756CST	0.1	20	0	0			Tornado (F0)
The initial touch down was along county road 501 about 13 miles south-southwest of Cullman, just east of I-65, about 2 miles east-southeast of the I-65 291 exit. The tornado initially knocked down a few trees in this area and had a path length of 75 yards and a 50 yard path width. Winds were at 70 mph, making it a F-0 tornado. The tornado lifted and then touched down briefly again along county road 504, about 11 miles south of Cullman. The F-0 tornado with winds topping out at 60 mph had a path length at 20 yards and a 20 yard width. The tornado again quickly lifted and touched down again about 4 miles northeast of the previous touch down, along the north end of county road 506, about 9 miles southeast of Cullman. The path length of this F-0 tornado with maximum wind speeds of 60 mph was again around 20 yards and path width at 20 yards.									
Cullman County									
Arkadelphia	13	1815CST			0	0			Thunderstorm Wind (G60)
A few trees were blown down by thunderstorm winds.									
Madison County									
Berkley	13	1820CST			0	0			Thunderstorm Wind (G60)
A tree was blown over onto power lines.									
Marshall County									
6 NNE Union Grove	13	1835CST			0	0	5K		Thunderstorm Wind (G70)
A tall maple tree was blown over onto a car.									

Storm Data and Unusual Weather Phenomena

March 2006

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

ALABAMA, North

Cullman County

8 SSW Hanceville	13	1845CST	0.1	50	0	0			Tornado (F0)
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The initial touchdown was along county road 501, about 13 miles south-southwest of Cullman, just east of interstate 65. The tornado knocked down a few trees with maximum estimated wind speeds at 70 miles an hour.

Cullman County

7 SSW Hanceville	13	1847CST	0.1	20	0	0			Tornado (F0)
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A tornado once again descended briefly along county road 504, about 11 miles south-southwest of Cullman, knocking down additional trees.

Cullman County

4 SSW Hanceville to 5 SSW Hanceville	13	1850CST	0.1	20	0	0			Tornado (F0)
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Another brief tornado touchdown occurred, knocking down additional trees along the north end of county road 506, about 9 miles south-southeast of Cullman.

A strong cold front tracked east from the Great Lakes south through the lower Mississippi Valley into a moist and unstable airmass that presented strong vertical wind shear. Several broken bands of thunderstorms developed, some of which were supercells producing long tracks of severe weather.

Lauderdale County

1 N Florence	31	1700CST 1703CST			0	0			Hail (1.00)
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Quarter size hail was reported on Chism road just north of Florence.

Lauderdale County

9 NE Florence	31	1715CST 1717CST			0	0			Hail (1.75)
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Golf ball size hail was reported near St. Florian.

Lauderdale County

11 NE Florence to 10 NE Florence	31	1725CST 1727CST			0	0			Hail (1.75)
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Golf ball size hail was reported at the Bellemeade subdivision.

Lauderdale County

1 E Florence	31	1728CST			0	0			Thunderstorm Wind (G60)
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A few trees were blown down by thunderstorm winds near Martin's department store just east of Florence.

TENNESSEE, South Central

Lincoln County

Howell	09	1725CST			0	0			Thunderstorm Wind (G70)
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Numerous trees were blown down.

Franklin County

Decherd	09	1743CST			0	0			Thunderstorm Wind (G60)
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A tree was blown down.

Franklin County

Huntland	09	1815CST			0	0			Thunderstorm Wind (G60)
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An estimated wind gust of 60 mph was reported.

A potent early Spring low pressure system moved through the lower Missouri and Mid Mississippi Valley dragging a strong cold front through the Tennessee Valley. This front produced a squall line of severe thunderstorms producing widespread damaging winds to the region.

Storm Data and Unusual Weather Phenomena

March 2006

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

TEXAS, North

TXZ119-135									
Dallas - Henderson									
	19	0919CST 2359CST			0	0			Flood
									Water was flowing over Northwest Highway from Whiterock Creek in Dallas County. Also, Cedar Creek Lake in Henderson County was reported out of its banks and flooding nearby streets in Payne Springs.
Erath County									
Dublin	19	1240CST			0	0			Hail (0.75)
Tarrant County									
Countywide	19	1253CST 2330CST			0	0	300K		Flash Flood
									Significant flooding occurred across the county. Numerous streets were barricaded with water flowing over them. Several high water rescues and home evacuations were necessary. Numerous homes and businesses suffered water damage. In Mansfield, street flooding was reported, with several streets, including Walnut Creek Drive and Retta Road closed and impassible. In Arlington, apartment complexes and homes sustained water damage. Six Flags over Texas in Arlington was under several feet of water. Numerous cars were underwater and high water rescues were needed. Shady Valley Country Club was also underwater. In Kennedale, Village Creek was over its banks and flooding parts of I-20.
Dallas County									
Countywide	19 20	1300CST 0200CST			1	0	300K		Flash Flood
									Heavy rains caused many road closures, high water rescues, and evacuations of homes and businesses throughout the afternoon and evening. Water was reportedly five feet high in some homes, causing significant damage. Water rose four feet high in the lower level of the Renaissance Hotel on Stemmons Freeway near Wycliff Avenue. Dallas police received more than 240 calls about people in danger from the flood waters in four hours. A woman was swept away in Turtle Creek by Wycliff Avenue after she abandoned her car due to rapidly rising flood waters. Her body was recovered later that night nearly a mile from where she was swept away. F23IW
Somervell County									
Countywide	19	1300CST 1500CST			0	0			Flash Flood
									Numerous farm roads and county roads were closed due to high water.
Johnson County									
Burleson	19	1330CST 1800CST			0	0			Flash Flood
									Minor street flooding reported.
Rockwall County									
Rockwall to Royse City	19	1355CST 2230CST			0	0			Flash Flood
									Significant flooding in and between the cities of Rockwall and Royse City including bypasses on Interstate 30.
Ellis County									
Waxahachie	19 20	1430CST 0200CST			0	0			Flash Flood
									Creeks were out of their banks in Waxahachie and several roads were closed, including both I-45 service roads near Palmer. Main Street and Grand Avenue in Waxahachie were barricaded due to flood waters. Several roads in Bardwell and Bristol were also closed.
Collin County									
Countywide	19	1500CST 2200CST			0	0			Flash Flood
									Significant flooding countywide with numerous roads closed. Several high water rescues were needed for stranded vehicles near Lake Ray Hubbard.
Hopkins County									
5 S Cumby	19	1530CST			0	0			Hail (1.00)
									Quarter-size hail reported in Miller Grove.
Palo Pinto County									
Mineral Wells	19	1643CST 1900CST			0	0			Flash Flood
									Several roads closed due to flooding.

Storm Data and Unusual Weather Phenomena

March 2006

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

TEXAS, North

Grayson County 2 E Sherman	19	1700CST 2000CST			0	0	20K		Flash Flood
Homes and businesses were flooded.									
Wise County 12 S Decatur	19	1700CST 1900CST			0	0			Flash Flood
Minor street flooding reported.									
Hunt County Countywide	19 20	1720CST 0300CST			0	0	40K		Flash Flood
Significant flooding countywide with numerous roads closed, including I-30 service roads. Sulphur River overflowed onto State Highway 224 between the cities of Commerce and Neylandville. Also, 380 west of Greenville and 276 west of Quinlan were barricaded all afternoon and evening due to flooding. FM 1570, 1565, and 118 were all closed due to flooding. Flood waters entered homes and apartments in Greenville. A portion of CR 3702 collapsed due to the flooding, washing out an entire 4 to 5 foot section. CR 3208 was also damaged by the floods.									
Johnson County Countywide	19	1745CST 2230CST			0	0			Flash Flood
Several roads and bridges were underwater across the county. High water rescues were also needed. A woman and two children had to be rescued when their house was surrounded by flood waters Sunday afternoon. Buffalo Creek spilled onto and flooded Hillsboro Street, Smith Street, and West Henderson Street.									
Dallas County 7 NW Dallas	19	1800CST			0	0	35K		Heavy Rain
Heavy rain collapsed the roof and walls of a gun range near Love Field.									
Erath County Countywide	19	1800CST 2100CST			0	0			Flash Flood
FM 8 and CR 199 were underwater and barricaded. Water was also flowing over several other roads in the county.									
Grayson County 5 SE Denison	19	1800CST 2000CST			0	0			Flash Flood
Minor street flooding reported.									
Denton County Justin	19	1809CST 2000CST			0	0			Flash Flood
The intersection of Creekhill Way and 12th Street was underwater and barricaded.									
Hood County Granbury	19	1846CST			0	0			Thunderstorm Wind (G50)
Trees were blown down.									
Fannin County Trenton	19	1900CST 2100CST			0	0			Flash Flood
Flood waters caused Augustus Street in downtown Trenton to be closed for a short period of time.									
Lamar County Southeast Portion	19 20	2200CST 0030CST			0	0	20K		Flash Flood
Flooding reported in the southeastern portion of the county. Several roads were closed and some homes and apartments were flooded. Flood waters were more than six feet deep between Collegiate and Clarksville Streets.									
Kaufman County North Portion	19 20	2210CST 0100CST			0	0			Flash Flood
A few road closures due to flooding were reported.									

Storm Data and Unusual Weather Phenomena

April 2006

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

AMERICAN SAMOA

Tutuila

Vaitogi to Pago Pago	04	1930SST			1	1			Lightning
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Two teenagers, a 15 year-old girl and a 14 year-old boy, were at home lowering blinds of their guest house when they were both struck by lightning. The boy survived, but his sister died from this incident.

An area of showers and isolated thunderstorms move over Tutuila during the late afternoon through evening hours of this day. F17BF

ILLINOIS, Central

Logan County

Middletown	30	1425CST			0	0			Hail (0.88)
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Nickel size hail covered the ground.

Sangamon County

Auburn	30	1427CST			0	0			Hail (0.75)
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Sangamon County

2 E Chatham	30	1439CST			0	0			Hail (0.75)
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Logan County

New Holland	30	1444CST			0	0			Hail (0.75)
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Penny size hail covered the ground.

Christian County

Taylorville	30	1450CST			0	0			Thunderstorm Wind (G58)
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Numerous large trees blown down.

Logan County

2 N Hartsburg	30	1512CST			0	0			Hail (0.75)
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Mason County

Mason City	30	1514CST			0	0			Hail (0.88)
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Logan County

2.5 SE Lincoln to 2.5 ESE Lincoln	30	1515CST 1517CST	0.7	50	0	0			Tornado (F0)
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A tornado briefly touched down. No damage was reported.

Clay County

Oskaloosa	30	1640CST			0	0			Hail (0.88)
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KANSAS, Extreme Southeast

KSZ073-097-101

Bourbon - Crawford - Cherokee

01	0000CST			0	0				Drought
30	2359CST								

The first three weeks of April were unusually dry which worsened the ongoing drought across extreme southeast Kansas. However, during the final week of April, a few episodes of beneficial rains fell across the region with average total amounts of around two inches. The U.S. Drought Monitor had analyzed a severe drought across Crawford and Bourbon counties, while Cherokee County was analyzed as experiencing an extreme drought.

KENTUCKY, Eastern

Wayne County

11 E Sunnybrook to Monticello	02	1718EST 1720EST			0	0	0	0	Hail (0.75)
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Hail was reported in the town of Mount Pisgah.

Storm Data and Unusual Weather Phenomena

April 2006

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Additions/Corrections

KENTUCKY, Eastern

Bath County									
Sharpsburg to 11 NW Sharpsburg	02	2235EST			0	0	0	0	Hail (0.75)
Rockcastle County									
Brodhead	02	2250EST 2253EST			0	0	0	0	Hail (0.75)
Knott County									
Hindman	03	0015EST 0020EST			0	0	0	0	Hail (0.75)
Knott County									
Hindman	03	0015EST 0020EST			0	0	0	0	Thunderstorm Wind (G53)
Large tree limbs down county wide.									
Pike County									
Meta	03	0016EST 0120EST			0	0	0	0	Thunderstorm Wind (G55)
Tree down on Taylor Road and Highway 194.									
Pike County									
3 ESE Shelbiana	03	0016EST 0020EST			0	0	0	0	Thunderstorm Wind (G55)
Several trees down on Biggs Branch Road.									
Pike County									
Feds creek	03	0028EST 0032EST			0	0	4K	0	Thunderstorm Wind (G55)
Tree down across house and tree across power lines.									
Pike County									
Coleman	03	0033EST 0037EST			0	0	0	0	Thunderstorm Wind (G55)
Tree down across road at Smith Fork and Kentucky Highway 632.									
Morgan County									
West Liberty	03	2300EST 2310EST			0	0	0	0	Thunderstorm Wind (G53)
Several large tree limbs down in roads countywide.									
Rockcastle County									
Brodhead	03	2308EST 2312EST			0	0	0	0	Thunderstorm Wind (G53)
Three foot diameter tree down on Highway 70 at Highway 150.									
Wolfe County									
Hazel Green	03	2308EST 2312EST			0	0	0	0	Thunderstorm Wind (G53)
Tree down on Highway 1010.									
Elliott County									
2 NNW Sandy Hook	03	2309EST 2311EST			0	0	0	0	Thunderstorm Wind (G55)
Trees down on Highway 32 and lots of small tree limbs down county wide requiring cleanup.									
Breathitt County									
Lost Creek	03	2328EST 2332EST			0	0	0	0	Thunderstorm Wind (G53)
Tree down across Highway 15.									
Leslie County									
4 NNW Big Fork	03	2328EST 2332EST			0	0	0	0	Thunderstorm Wind (G55)
Several trees down on Silver Lane near Smilix.									

Storm Data and Unusual Weather Phenomena

April 2006

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Additions/Corrections

KENTUCKY, Eastern

Perry County

Hazard	03	2333EST 2346EST			0	0	0	0	Thunderstorm Wind (G55)
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Four to five large trees down 1 mile east of Grapevine.

Breathitt County

Rousseau	03	2343EST 2347EST			0	0	0	0	Thunderstorm Wind (G53)
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Tree down across Calhoun Branch.

Bell County

Ferndale	03	2351EST 2355EST			0	0	0	0	Hail (1.00)
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Nickel to quarter sized hail fell.

Rockcastle County

Roundstone	07	1504EST 1506EST			0	0	0	0	Hail (1.75)
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Rockcastle County

Roundstone	07	1504EST 1506EST			0	0	0	0	Thunderstorm Wind (G55)
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Several trees blown down.

Pulaski County

Eubank	07	1509EST 1511EST			0	0	0	0	Hail (0.75)
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Jackson County

2 N Sandgap	07	1513EST 1515EST			0	0	0	0	Hail (0.75)
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Hail covering the ground two inches deep.

Lee County

Heidelberg	07	1524EST 1526EST			0	0	0	0	Thunderstorm Wind (G55)
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Few trees down.

Lee County

4 WSW Beattyville	07	1527EST 1529EST			0	0	0	0	Hail (1.00)
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Estill County

5 S Irvine	07	1527EST 1529EST			0	0	0	0	Hail (0.75)
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Laurel County

3 NW Victory	07	1529EST 1531EST			0	0	0	0	Thunderstorm Wind (G55)
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Few trees down. Large limbs also reported down in the road.

Clay County

10 E Manchester	07	1544EST 1546EST			0	0	0	0	Hail (1.00)
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Hail nearly covered the ground.

Owsley County

Vincent	07	1544EST 1546EST			0	0	0	0	Thunderstorm Wind (G53)
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Four eight to ten inch diameter tree limbs blown down.

Pike County

1 S South Williamson	07	1551EST 1553EST			0	0	0	0	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2006

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Additions/Corrections

KENTUCKY, Eastern

Owsley County

3 E Booneville	07	1554EST 1556EST			0	0	3K	0	Thunderstorm Wind (G55)
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Roof blown off of house on Route 30.

Owsley County

Pebworth	07	1554EST 1556EST			0	0	2K	0	Thunderstorm Wind (G55)
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Portable metal one car garage lifted and deposited on Cherry Lane 75 feet from original location.

Breathitt County

Wolf Coal	07	1554EST 1556EST			0	0	1K	0	Thunderstorm Wind (G55)
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Three trees down, one laying on a yard barn.

Wayne County

Monticello	07	1556EST 1558EST			0	0	2K	0	Thunderstorm Wind (G55)
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Power lines blown down.

Leslie County

Thousandsticks	07	1559EST 1601EST			0	0	0	0	Hail (1.75)
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Hail cracked car windshield.

Magoffin County

Salyersville	07	1559EST 1601EST			0	0	0	0	Thunderstorm Wind (G53)
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A few large limbs down.

Clay County

4 SW Manchester	07	1559EST 1601EST			0	0	4K	0	Thunderstorm Wind (G55)
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Severe roof damage to four or five homes on Curry Branch Road near Pigeonroost.

Leslie County

Wooton	07	1606EST 1608EST			0	0	0	0	Hail (1.00)
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Wayne County

10 W Monticello	07	1609EST 1611EST			0	0	2K	0	Thunderstorm Wind (G53)
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Several trees down on powerlines.

Breathitt County

Watts	07	1609EST 1611EST			0	0	3K	0	Thunderstorm Wind (G55)
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Roofs blown off three structures.

Perry County

Hazard	07	1614EST 1616EST			0	0	0	0	Hail (1.00)
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Floyd County

4 W Prestonsburg	07	1614EST 1616EST			0	0	0	0	Thunderstorm Wind (G60)
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Two foot diameter pine tree blown down.

Floyd County

Martin	07	1614EST 1616EST			0	0	1K	0	Thunderstorm Wind (G60)
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Two fifty foot tall trees blown down. Two inch flag pole bent at base with pole touching the ground.

Leslie County

Wooton	07	1614EST 1616EST			0	0	0	0	Hail (1.75)
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Golf ball size hail reported.

Storm Data and Unusual Weather Phenomena

April 2006

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

KENTUCKY, Eastern

Laurel County									
Lily	07	1614EST 1616EST			0	0	0	0	Hail (0.75)
Penny sized hail reported on Highway 1223 near Lily.									
Perry County									
Hazard	07	1614EST 1616EST			0	0	0	0	Hail (1.00)
Hail fell at WYMT television station in Hazard, reported by t.v. meteorologist.									
Knott County									
Mousie	07	1619EST 1621EST			0	0	0	0	Hail (0.75)
Laurel County									
London	07	1619EST 1621EST			0	0	0	0	Hail (0.88)
Nickel sized hail.									
Martin County									
10 S Inez	07	1628EST 1630EST			0	0	2K	0	Thunderstorm Wind (G55)
Roof blown off a mobile home. Three trees also blown down.									
Pike County									
Coal Run	07	1629EST 1631EST			0	0	2K	0	Thunderstorm Wind (G55)
Roof blown off of a house at Broad Bottom.									
Pike County									
Pikeville	07	1629EST 1631EST			0	0	3K	0	Thunderstorm Wind (G55)
Throughout the city, multiple trees were blown down. Power lines and fencing also blown down.									
Pike County									
Pikeville	07	1631EST 1633EST			0	0	0	0	Thunderstorm Wind (G55)
Estimated wind gust of 58 mph.									
Pike County									
Pikeville	07	1631EST 1633EST			0	0	0	0	Hail (0.88)
Pike County									
Pikeville	07	1631EST 1633EST			0	0	1K	0	Thunderstorm Wind (G53)
Twelve inch diameter tree blown down. Shutters blown off a house.									
Floyd County									
15 S Martin	07	1632EST 1634EST			0	0	0	0	Hail (0.88)
Hail covered the ground.									
Pike County									
15 NE Pigeon	07	1636EST 1639EST			0	0	3K	0	Thunderstorm Wind (G60)
Building collapsed.									
Pike County									
1 S South Williamson	07	1637EST 1639EST			0	0	1K	0	Thunderstorm Wind (G55)
Fences and several large trees down.									
Pike County									
Kimper	07	1639EST 1641EST			0	0	4K	0	Thunderstorm Wind (G60)
Mobile home overturned.									

Storm Data and Unusual Weather Phenomena

April 2006

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

KENTUCKY, Eastern

Letcher County									
3 N Whitesburg	07	1642EST 1644EST			0	0	2K	0	Thunderstorm Wind (G55)
			Power lines blown down in the Dry Fork area.						
Letcher County									
Whitco	07	1644EST 1646EST			0	0	1K	0	Thunderstorm Wind (G55)
			Roof blown off of a mobile home.						
Pike County									
Pikeville	07	1644EST 1646EST			0	0	0	0	Thunderstorm Wind (G55)
			Several trees down throughout the city.						
Pike County									
Pikeville	07	1644EST 1646EST			0	0	0	0	Hail (0.88)
Pike County									
Jamboree	07	1644EST 1646EST			0	0	3K	0	Thunderstorm Wind (G55)
			Debris from buildings reported in the Jamboree and Phelps areas.						
Floyd County									
15 SSW Prestonsburg	07	1644EST 1646EST			0	0	8K	0	Thunderstorm Wind (G60)
			At Estill on Route 7, several large trees blown down. One tree toppled onto power line and resting on top of storage building. Severe roof damage to 4 homes.						
Pike County									
Dorton	07	1644EST 1646EST			0	0	1K	0	Thunderstorm Wind (G53)
			Shingles blown off two homes.						
Mccreary County									
Stearns	07	1708EST 1710EST			0	0	0	0	Hail (1.00)
Mccreary County									
Whitley City	07	1709EST 1711EST			0	0	0	0	Hail (0.88)
Bell County									
4 NW Middlesboro	07	1719EST 1721EST			0	0	0	0	Hail (0.75)
Whitley County									
Williamsburg	07	1724EST 1726EST			0	0	0	0	Hail (0.88)
Bell County									
11 S Pineville	07	1724EST 1726EST			0	0	0	0	Hail (0.75)
Whitley County									
Williamsburg	07	1728EST 1730EST			0	0	0	0	Hail (0.88)
Rockcastle County									
1 S Brodhead	07	2145EST 2147EST			0	0	0	0	Thunderstorm Wind (G53)
			Tree down in yard along Highway 70.						

Storm Data and Unusual Weather Phenomena

April 2006

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

Additions/Corrections

KENTUCKY, Eastern

Jackson County

Sandgap	07	2148EST 2150EST			0	0	4K	0	Thunderstorm Wind (G60)
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Barn blown into road.

Jackson County

2 S Annville	07	2211EST 2212EST			0	0	0	0	Thunderstorm Wind (G55)
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Estimated wind gust of 60 mph occurred.

Laurel County

2 N London	07	2218EST 2221EST			0	0	0	0	Thunderstorm Wind (G55)
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Several trees down.

Pulaski County

Burnside	13	0513EST 0516EST			0	0	0	0	Hail (1.00)
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Magoffin County

Harper	13	0516EST 0519EST			0	0	0	0	Thunderstorm Wind (G53)
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Few large tree limbs down.

Martin County

Warfield	13	0548EST 0551EST			0	0	0	0	Hail (0.75)
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Pike County

Turkey Creek	13	0612EST 0615EST			0	0	0	0	Thunderstorm Wind (G53)
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Few large tree limbs down.

Fleming County

Flemingsburg	15	0033EST 0036EST			0	0	0	0	Hail (0.75)
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Breathitt County

2 N Talbert	17	0144EST 0147EST			0	0	1K	0	Thunderstorm Wind (G53)
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Roof blown off trailer home.

Letcher County

Seco	17	1014EST 1016EST			0	0	1K	0	Thunderstorm Wind (G55)
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Telephone poles blown down.

Letcher County

Thornton	17	1014EST 1016EST			0	0	7K	0	Thunderstorm Wind (G55)
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Porch blown off house and roof's torn off two houses. Several trees blown down.

Harlan County

Cumberland	17	1051EST 1054EST			0	0	0	0	Hail (0.88)
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Letcher County

Partridge	17	1056EST 1058EST			0	0	0	0	Thunderstorm Wind (G53)
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Couple of large tree limbs blown down.

Harlan County

Lynch	17	1056EST 1059EST			0	0	0	0	Thunderstorm Wind (G55)
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Few trees and large limbs down.

Storm Data and Unusual Weather Phenomena

April 2006

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

KENTUCKY, Eastern

Knox County									
Jarvis Store	19	0247EST 0250EST			0	0	0	0	Hail (1.00)
Laurel County									
4 NW Corbin London A	19	0247EST 0249EST			0	0	0	0	Hail (0.88)
Knox County									
Barbourville	19	0308EST 0311EST			0	0	0	0	Hail (0.75)
Pulaski County									
Faubush	19	0319EST 0321EST			0	0	0	0	Hail (0.75)
Bell County									
3 SE Pineville	19	0326EST 0328EST			0	0	0	0	Hail (0.75)
Whitley County									
6 SE Williamsburg	19	0330EST 0333EST			0	0	0	0	Hail (0.75)
Laurel County									
Keavy	19	0337EST 0340EST			0	0	0	0	Hail (0.88)
Knox County									
7 N Barbourville	19	0343EST 0347EST			0	0	0	0	Thunderstorm Wind (G53)
A few large tree limbs blown down.									
Bell County									
Pineville	19	0358EST 0401EST			0	0	0	0	Hail (1.00)
Bell County									
Ferndale	19	0358EST 0401EST			0	0	0	0	Hail (1.25)
Knox County									
Kayjay	19	0403EST 0406EST			0	0	0	0	Hail (0.88)
Laurel County									
London	19	0415EST 0417EST			0	0	0	0	Hail (0.88)
Laurel County									
London	19	0415EST 0417EST			0	0	0	0	Hail (0.88)
Rockcastle County									
Conway	19	0417EST 0419EST			0	0	0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2006

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

KENTUCKY, Eastern

Clay County

Manchester	19	0421EST 0423EST			0	0	0	0	Thunderstorm Wind (G53)
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A few large limbs down.

Clay County

Manchester	19	0421EST 0423EST			0	0	0	0	Thunderstorm Wind (G53)
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A few large limbs down.

Owsley County

Booneville	19	0455EST 0457EST			0	0	0	0	Hail (0.75)
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Jackson County

Gray Hawk	19	0513EST 0516EST			0	0	0	0	Hail (0.75)
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Leslie County

3 E Hyden	19	0521EST 0523EST			0	0	0	0	Hail (0.75)
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Perry County

Viper	19	0538EST 0540EST			0	0	0	0	Hail (1.00)
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Wayne County

5 W Monticello	19	0624EST 0626EST			0	0	0	0	Hail (1.00)
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Wayne County

5 W Monticello	19	0624EST 0626EST			0	0	0	0	Thunderstorm Wind (G53)
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A few large limbs down.

Wayne County

1 N Gap Creek	20	2018EST 2022EST			0	0	0	0	Hail (0.75)
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LAKE MICHIGAN

Pt Washington To

North Pt Lt Wi

Port Washington to 3.5 E Mequon	13	2150CST 2200CST			0	0			Marine Hail
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North Pt Lt To Wind

Pt Wi

Milwaukee Harbor to Oak Creek Power Plant	13	2210CST			0	0			Marine Hail
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Sheboygan To Pt

Washington Wi

Sheboygan to 5 S Sheboygan	13	2342CST 2345CST			0	0			Marine Tstm Wind
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A short line of storms that bowed out and moved east-southeast through northern Sheboygan county continued out over the Lake Michigan waters. Buidling, tree, and power-line damage was noted all the way to the shoreline in Sheboygan County. The northward extension of this line also resulted in wind damage to the shoreline in Manitowoc County.

Storm Data and Unusual Weather Phenomena

April 2006

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

MISSOURI, East

St. Louis County
3 S Ballwin

02 1555CST 1 0 Thunderstorm Wind (G60)

A man was killed while hiking in Castlewood State park when he was hit by a large tree branch broken by thunderstorm winds. M26OU

St. Louis County
Kirkwood

02 1600CST 0 1 Thunderstorm Wind (G55)

A local high school teacher and coach was severely injured by a downed tree while he was jogging with his dog near his home on North Woodlawn Avenue. The man suffered a punctured lung, broken ribs, a broken shoulder and other injuries.

MISSOURI, Southwest

**MOZ055>056-
066>069-077>080-
088>091-093>095-
101>104**

Benton - Morgan - Vernon - St. Clair - Hickory - Camden - Barton - Cedar - Polk - Dallas - Jasper - Dade - Greene - Webster - Newton - Lawrence - Christian - McDonald - Barry - Stone - Taney

01 0000CST 0 0 Drought
30 2359CST

The first three weeks of April were unusually dry which worsened the ongoing drought across west central and southwest Missouri. However, during the final week of April, a few episodes of beneficial rains fell across the region with average total amounts of around two inches. The U.S. Drought Monitor had analyzed an extreme drought across McDonald, Newton, Barry, Barton, Vernon, St. Clair, Cedar, Dade, Lawrence, Hickory, Polk, and Greene counties, while the rest of southwest Missouri was analyzed as experiencing a severe drought.

NEW YORK, West

Chautauqua County
Jamestown

03 1325EST 0 0 3K Hail (0.75)

Cattaraugus County
Hinsdale

03 1430EST 0 0 10K Thunderstorm Wind (G50)

Erie County
Wales Center

03 1450EST 0 0 8K Thunderstorm Wind (G50)

Thunderstorms developed in a warm, moist flow over the western Southern Tier of New York during the afternoon hours. The storms produced hail up to 3/4" in Jamestown and damaging winds which downed trees in Hinsdale and Wales Center.

Cattaraugus County
Salamanca

12 1920EST 0 0 7K Thunderstorm Wind (G50)

An isolated thunderstorm downed trees in Salamanca during the evening hours.

Niagara County
Cambria

13 1600EST 0 0 5K Hail (0.75)

Genesee County
Batavia

13 1730EST 0 0 10K Hail (1.00)

Wayne County
Ontario

13 1745EST 0 0 8K Hail (0.88)

Monroe County
Greece

13 1750EST 0 0 8K Hail (1.00)

Afternoon thunderstorms that developed produced hailstones up to one inch in diameter. In Batavia, the hailstones clumped together to produce masses of ice up to two inches in diameter.

Cayuga County
Cato

15 0011EST 0 0 8K Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2006

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

Additions/Corrections

NEW YORK, West

**Wayne County
Wolcott**

15 0019EST 0 0 15K Hail (1.75)

A weak cold front crossed the area during the early overnight hours producing thunderstorms that dropped hail up to 1.75" in diameter.

TEXAS, North

TXZ104-118>119

Collin - Tarrant - Dallas

07 1635CST
1800CST 0 0 60K Strong Wind

A fast moving cold front brought strong northwest winds and blowing dust to north Texas Friday afternoon. Visibilities dropped to 3 miles in some locations due to the blowing dust. Measured wind gusts reached 51 MPH at Meacham Airport in Fort Worth and at Addison Airport in north Dallas. Several thousand people lost power. Minor damage was reported around the area, with several windows blown out of downtown Dallas skyscrapers. Downed trees and power lines were also reported. In Collin County, a large part of a roof was blown off, a grill was blown across a yard, and heavy signs were blown down.

Hunt County

Quinlan

20 0230CST 0 0 20K Thunderstorm Wind (G50)

County officials reported several trees blown down and a few structures damaged by strong winds.

Lampasas County

4 W Lampasas

20 1649CST 0 0 Hail (0.88)

Lampasas County

3 W Lampasas

20 1657CST 0 0 5K Hail (1.75)

Golf ball-size hail reported in town.

Lampasas County

Kempner

20 1700CST 0 0 Thunderstorm Wind (G50)

Several trees blown down.

Coryell County

Copperas Cove

20 1725CST 0 0 Hail (0.75)

Reported on the south side of Highway 190.

Coryell County

Copperas Cove

20 1725CST 0 0 40K Thunderstorm Wind (G50)

Trees, power lines, and large tree limbs down around the city. A carport was also blown away. Most of the damage was reported on the south side of Highway 190.

Bell County

Killeen

20 1802CST 0 0 Hail (1.00)

Bell County

6 S Killeen

20 1805CST 0 0 5K Hail (1.75)

Golf ball-size hail reported.

Bell County

4 SE Killeen

20 1813CST 0 0 Thunderstorm Wind (G52)

Storm spotter measured a 60 MPH wind gust in Harker Heights.

Bell County

4 NNW Belton

20 1830CST 0 0 20K Thunderstorm Wind (G61)

Storm spotter measured a 70 MPH wind gust. The emergency manager reported a few mobile homes were damaged.

Bell County

Temple

20 1839CST 0 0 10K Thunderstorm Wind (G50)

A roof of a barn and a garden shed were blown away.

Storm Data and Unusual Weather Phenomena

April 2006

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

TEXAS, North

Bell County Rogers	20	1904CST			0	0			Hail (1.25)
Bell County Heidenheimer to 1 W Rogers	20	1905CST			0	4	1M		Thunderstorm Wind (G74)
At least 20 mobile homes were damaged or destroyed. Several were rolled off their foundations and virtually disintegrated. Numerous barns and outbuildings were destroyed. Four people were injured. Winds were estimated at 80 MPH.									
Bell County Belton	20	1912CST 2130CST			0	0	15K		Flash Flood
Part of Interstate 35 was closed due to flash flooding. One home was evacuated due to flooding.									
Milam County Cameron	20	1928CST			0	0	5K		Thunderstorm Wind (G50)
Trees and power lines blown down.									
Milam County Cameron	20	1936CST			0	0			Hail (1.00)
Falls County Rosebud	20	1945CST			0	0	5K		Thunderstorm Wind (G50)
Power lines blown down.									
TXZ157 Coryell	20	1945CST			0	0	3K		High Wind (G50)
A metal building was damaged and limbs blown down. The damage was due to strong winds associated with dissipating thunderstorms.									
Robertson County Hearne	20	2018CST			0	0			Hail (0.75)
<u>VIRGINIA, North</u>									
Augusta County Stuarts Draft	03	1630EST			0	0	12K		Thunderstorm Wind (G50)
Isolated reports of downed powerlines and tree limbs									
Albemarle County 2 S Earlysville	03	1632EST			0	0	15K		Thunderstorm Wind (G50)
Trees down on Profitt Road, just outside the City of Charlottesville.									
Albemarle County Woodridge	03	1635EST			0	0			Hail (0.75)
VAZ051 Culpeper	03	1715EST			0	0	5K		Strong Wind
Wind damage to an empty above ground swimming pool.									
Loudoun County Pleasant Vly	03	1737EST			0	0	20K		Thunderstorm Wind (G50)
Several trees downed									
Arlington County Arlington	03	1809EST			0	0			Hail (0.75)
A cold front combined with strong instability to cause numerous severe thunderstorms to occur on April 3 across the Mid Atlantic. The majority of the severe weather reports were from large hail and damaging wind gusts.									

Storm Data and Unusual Weather Phenomena

April 2006

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

VIRGINIA, North

Fauquier County

1 N Warrenton	22	1715EST 1730EST			0	0			Flash Flood
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Mudslide and closures reported on US route 29

Culpeper County

Jeffersonton	22	1735EST 1745EST			0	0			Flash Flood
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Several road closures with high water

Prince William County

3 NE Haymarket	22	1744EST 1800EST			0	0			Flash Flood
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Catharpin Run flowing across Pageland Road

Fauquier County

Warrenton	22	1745EST			0	0	25K		Heavy Rain
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Hospital roof collapsed due to heavy rainfall, estimated at 3 inches in only a few hours.

Fairfax County

Burke	22	1800EST 2000EST			0	0			Flash Flood
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Road closures occurred along Route 123 in Burke.

Fauquier County

New Baltimore	22	1930EST 2000EST			0	0			Flash Flood
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Intersection of US 29 and Baldwin Street flooded with several inches of flowing water

Fairfax County

3 W Centreville	22	2015EST 2025EST			0	0			Flash Flood
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Bull Run Post Office Road closed due to high water

High moisture content and relatively light winds created prime conditions for flash flooding to occur with rain and thunderstorms on the evening of April 22. There were several reports of flooding and flash flooding due to the heavy rainfall across portions of the region.

Storm Data and Unusual Weather Phenomena

May 2006

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

ALABAMA, North

Jackson County

Woodville	28	1210CST			0	0			Hail (1.00)
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Quarter sized hail fell for 20 minutes at a residence in Woodville.

Jackson County

Woodville	28	1210CST			0	0			Thunderstorm Wind (G50)
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Strong winds produced minor roof damage and blew down a tree and power lines. Clusters of pulse type thunderstorms developed during the afternoon hours producing isolated severe weather.

ALASKA, Northern

Upper Koyukuk Valley

Hughes	13	1600AST 2300AST			0	0	411.1K		Flood
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An ice Jam formed 7 to 12 miles downstream from the village of Hughes on the Koyukuk River, causing flooding of the village on the 13th. The airport's connection from the apron to the runway was washed out and a few portions of the apron were damaged. Water level was 1 to 3 feet around the village, with 5 homes flooded, the school was flooded, the city store was flooded, and the city office had water halfway up the entrance steps. The village greenhouse floated away.

Lower Koyukuk

Middle Ykn Vlys

Koyukuk to Nulato	17 19	1930AST 1500AST			0	0	280.1K		Flood
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An ice jam formed on the Yukon River 20 miles downstream of Nulato causing flooding of the village of Nulato and Koyukuk. At Nulato the water reached maximum height at 0500 ADT on the morning of the 19th...reaching a marking of 2.2 on the Corps of Engineers gage.

In Nulato, a number of roads were impassable during the flooding, including the road to the airport.

In Koyukuk, most of the roads were flooded; access to homes, city buildings, and the school was restricted. By 1300 ADT on the 19th water levels had fallen such that most buildings were accessible. 32 residents were flown out to the bigger village of Galena on the 18th and 19th, returning on the 24th and 25th after preliminary water testing showed that the contaminants in the water system had been reduced to safe levels. Very early on the 19th, a woman and her three children, camping about 6 miles upriver from Koyukuk were rescued by an Army medevac helicopter crew when they became stranded due to the high water.

Monetary amount of damage was \$32,000 in Nulato and \$248,100 in Koyukuk.

Yukon Delta

Alakanuk to Emmonak	28 29	1100AST 2100AST			0	0	531.1K		Flood
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An ice jams formed 5-10 river miles downstream of the villages of Alakanuk and Emmonak on the Yukon River, causing moderate flooding at these villages.

At Alakanuk, moderate flooding with water up to 3 feet in depth occurred, soaking some of the lowest portions of homes, causing large village fuel tanks to tilt, some ice chunks may have hit several buildings. The apron at the airport was partially flooded, though the airstrip remained dry. The sewage lagoon was flooded.

At Emmonak, water levels rose to within inches of the need to shut down the village's power plant. Airport apron received water though the airstrip and tarmac remained dry. Moderate flooding occurred across the village.

Monetary amount of damages was \$227,000 in Emmonak and \$306,100 in Alakanuk.

AMERICAN SAMOA

ASZ003

Manu'A	16	0100SST			0	0	20K		Landslide
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"Three road between Ofu village and the airport was cut off by a landslide which covered the road with huge boulder. The landslide occurred early Tuesday morning and cut off the water supply."

Storm Data and Unusual Weather Phenomena

May 2006

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

ARKANSAS, Central and North Central

Hot Spring County

Malvern	10	0750CST			0	1			Lightning
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Lightning struck a 20 foot high watchtower and the local state prison in Malvern. One guard in the tower suffered minor burns to her face and chest and was hospitalized for a short period of time.

ATLANTIC OCEAN

Chesapeake Bay New

Pt Comfort To Cp

Henry Va

New Point Comfort to Cape Henry	26	1612EST			0	0			Marine Tstm Wind
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Wind gust of 41 knots measured at the Chesapeake Bay Bridge Tunnel.

Currituck Sound

Currituck	26	1624EST			0	0			Marine Tstm Wind
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Wind gust of 35 knots measured at Duck, North Carolina.

Chesapeake Bay New

Pt Comfort To Cp

Henry Va

Kiptopeke	26	2000EST			0	0			Marine Tstm Wind
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Wind gust of 35 knots measured at Kiptopeke.

CARIBBEAN SEA AND TROPICAL ATLANTIC

S Santee R To Edisto

Beach Sc Out 20Nm

1 E Isle Of Palms	14	2045EST			0	0			Marine Tstm Wind
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Measured wind gust on the Isle of Palms.

FLORIDA, Northeastern

Marion County

Weirsdale	28	1345EST			0	1			Lightning
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A ten year old girl was struck by lightning while on a horse farm along County Highway 42 in southeast Marion County. Lightning struck a tree and then the charge traveled along a metal fence, which the girl was holding with her hands. The girl had bruises consistent with an indirect lightning strike with red marks on her arms and abdomen and a black mark on her buttocks, which indicates a lightning exit wound. She was taken by helicopter to Orlando Regional Medical Center as a precaution.

GEORGIA, North and Central

Floyd County

Rome	10	1500EST 1515EST			0	0	5K		Lightning
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The Rome News Tribune reported that lightning struck a home causing minor damage to the structure. No fire was reported during his incident. Nearby at the approximately the same time lightning struck a tree nearby causing a tree to fall on a power line and telephone utility box.

Harris County

Countywide	10	1619EST 1709EST			0	0	5K		Thunderstorm Wind (G50)
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The Harris County 911 Center reported that several trees were blown down throughout the county, including the city of Hamilton.

Muscogee County

Countywide	10	1630EST 1713EST			0	0	15K		Thunderstorm Wind (G50)
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The Muscogee County 911 Center reported widespread damage throughout the county to trees, power lines, and some structures from thunderstorm winds. The Columbus Ledger-Inquirer reported that over 20,000 people in the area were left without power. Dozens of trees were down in the county, with the worst damage reported in the western and northern part of the county. The public reported that a portion of the roof was blown off the Golden Foundries in the north part of Columbus, with at least seven trees down in the vicinity, one on a car. Another tree fell on a trailer home. Wind gusts were measured at 68 mph at the Fort Benning.

Storm Data and Unusual Weather Phenomena

May 2006

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

GEORGIA, North and Central

Chattahoochee County

Countywide	10	1640EST 1726EST			0 0	5K	Thunderstorm Wind (G59)
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The Chattahoochee County Emergency Management Director reported that several trees were down, especially in the Cusseta area. Wind gusts were measured at 68 mph at Fort Benning.

Muscogee County

3 N Columbus to Fortson	10	1640EST 1648EST			0 0		Hail (1.00)
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The public reported quarter-sized hail in Fortson and nickel-sized hail in Columbus.

Muscogee County

Columbus	10	1640EST 1655EST			0 0	15K	Heavy Rain
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The Columbus Ledger-Inquirer reported that very heavy rain, combined with wind gusts of 65 to 70 mph, caused a home in Columbus on Merle Avenue to become flooded with up to a foot of water. The water poured into the house through the windows and doors, largely a result of the combination of strong wind gusts and very heavy rain. In excess of two inches of rain fell throughout much of Muscogee county during the storm, much of which occurred in less than an hour.

Webster County

Countywide	10	1704EST 1721EST			0 0	7K	Thunderstorm Wind (G52)
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The Webster County 911 Center reported that thunderstorm wind gusts blew down many trees throughout the county.

Marion County

Buena Vista	10	1705EST 1713EST			0 0	1K	Thunderstorm Wind (G45)
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The Marion County 911 Center reported that three to four trees were down along Georgia Highway 26 near Buena Vista.

Stewart County

2 SW Lumpkin	10	1722EST 1726EST			0 0	0.50K	Thunderstorm Wind (G39)
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The Stewart County Emergency Management Director reported that a couple of trees were blown down.

Schley County

Countywide	10	1726EST 1745EST			0 0	5K	Thunderstorm Wind (G51)
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The Schley County 911 Center and Emergency Management Director reported that thunderstorm winds had blown down many trees and a number of power lines throughout the county.

Sumter County

Countywide	10	1726EST 1804EST			0 0	8K	Thunderstorm Wind (G51)
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The Sumter County 911 Center and Sheriff's Office reported that thunderstorm winds had blown down many trees across the county. A number of trees were also down on power lines across the county. The Sumter Electric Cooperative Membership reported that 1800 residents, 300 of which were in Americus, were left without power during the height of the storm.

Stewart County

6 SSW Lumpkin	10	1730EST 1731EST			0 0		Hail (0.75)
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An amateur radio operator reported penny-sized hail.

Crisp County

Countywide	10	1804EST 1829EST			0 0	20K	Thunderstorm Wind (G57)
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The Crisp County 911 Center reported that thunderstorm winds had blown down many trees throughout the county. One tree was down on a mobile home causing damage to the structure. Wind gusts were measured at 65 mph at the Catahoula Farm in Cordele. About 2500 people in the county were left without power during the height of the storm.

Dooly County

Countywide	10	1804EST 1829EST			0 0	5K	Thunderstorm Wind (G51)
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The Dooly County 911 Center reported that from 15 to 20 trees were down across the county, mostly in the eastern portion. One tree was down on Georgia Highway 27 east of Vienna. Winds were measured at 49 mph at the Murphy Farm AgAmerica Empowerment Agency in Byromville, but stronger winds were estimated at other locations in the county. Pea-sized hail was reported in the north part of the county.

Storm Data and Unusual Weather Phenomena

May 2006

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

GEORGIA, North and Central

Macon County

Montezuma to Marshallville	10	1808EST 1837EST			0	0	3K		Thunderstorm Wind (G51)
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The Macon County 911 Center reported that several trees were down between Montezuma and Marshallville.

Wilcox County

Countywide	10	1833EST 1858EST			0	0	7K		Thunderstorm Wind (G50)
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The Wilcox County 911 Center reported that several trees were down scattered throughout the county. The most significant wind damage occurred across the eastern portion of the county along U.S. Highway 129 north and south of Abbeville where several trees were down, including several on U.S. Highway 129.

Macon County

Montezuma to 5 SE Montezuma	10	1837EST 1903EST			0	0			Heavy Rain
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The Macon County 911 Center reported that heavy rain resulted in minor street flooding in the Montezuma area and the southeast part of the county.

Dooly County

Dooling to 6 E Pinehurst	10	1842EST			0	0			Heavy Rain
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The Dooly County Emergency Management Director reported that heavy rain, on the order of three to four inches according to Doppler radar, caused flooding of several dirt roads across the northern half of the county.

Dodge County

Chauncey	10	1942EST 1950EST			0	0	2K		Thunderstorm Wind (G50)
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An amateur radio operator reported that six to seven large trees were blown down in the Chauncey area, including 5-inch diameter pine trees and 15-inch diameter oak trees.

Taylor County

7 N Butler to 7 S Butler	10	1943EST 1955EST			0	0	0.50K		Thunderstorm Wind (G35)
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The Taylor County Emergency Management Director reported that one tree was blown down in the north part of the county and several highway signs were blown down elsewhere across the county.

KANSAS, Southwest

Comanche County

10 SE Coldwater	02	1817CST			0	0			Hail (1.00)
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Comanche County

6 ESE Coldwater	02	1831CST			0	0			Hail (0.88)
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The hail covered the ground.

Comanche County

6 ESE Coldwater	02	1835CST			0	0			Hail (1.75)
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Scott County

14 NW Scott City	07	1635CST			0	0			Hail (0.75)
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Scott County

11 NNW Scott City	07	1658CST 1713CST			0	0			Hail (0.75)
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The hail nearly covered the ground and was falling for 15 minutes.

Kearny County

21 N Lakin	07	1720CST			0	0			Hail (1.75)
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The hail nearly covered the ground.

Kearny County

14 N Deerfield	07	1745CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

KANSAS, Southwest

Finney County

16 NW Garden City 07 1750CST 0 0 Hail (1.75)

Finney County

15.9 NW Garden City to 07 1753CST 1 150 0 0 Tornado (F0)
14.9 NW Garden City 1758CST

This tornado did not strike anything as it moved south/southeast.

Kearny County

14 N Deerfield 07 1754CST 0 0 Hail (1.75)

Finney County

1 NE Garden City 07 1842CST 0 0 Hail (0.88)

Finney County

5 NNW Garden City 07 1844CST 0 0 Hail (1.25)

Finney County

Garden City 07 1845CST 0 0 Hail (1.00)
1905CST

Finney County

1 NE Garden City 07 1855CST 0 0 Hail (1.75)

Finney County

1 NW Garden City 07 1855CST 0 0 Hail (2.00)

Finney County

4 SE Garden City 07 1900CST 0 0 Hail (1.75)

Trees were stripped by the hail and shingles were knocked off the clubhouse at the golf course. Small wildlife was killed on the Buffalo Dunes golf course.

Finney County

1 NE Garden City 07 1900CST 0 0 Hail (1.25)

Finney County

1 SE Garden City 07 1905CST 0 0 Hail (1.00)

A windshield was knocked out. Hail covered the ground.

Finney County

3 SE Plymell 07 1930CST 0 0 Hail (1.00)

Finney County

4.4 SE Plymell to 07 1940CST 2.1 150 0 0 Tornado (F1)
5.9 SE Plymell 1947CST

This tornado crossed into Haskell county and produced damage to three pivot irrigation sprinklers.

Haskell County

17 NNE Sublette 07 1940CST 0 0 Hail (0.75)

Haskell County

15 NNE Sublette 07 1942CST 0 0 Hail (0.88)

Grant County

10 NE Ulysses 07 1945CST 0 0 Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Haskell County

17.8 N Sublette to 16.5 N Sublette	07	1947CST 1950CST	1.4	150	0	0			Tornado (F1)
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This tornado started in Finney county and cross the county line. Three pivot sprinklers were damaged and there was also tree damage.

Haskell County

17.4 N Sublette to 16.6 N Sublette	07	1951CST 1955CST	1	75	0	0			Tornado (F1)
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This was smaller tornado associated with the storm that produced a bigger tornado. This one damage a pivot irrigation sprinkler.

Ford County

2 NW Dodge City	07	1955CST			0	0			Hail (0.75)
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Gray County

5 NE Copeland	07	2000CST			0	0			Hail (1.00)
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Gray County

7 N Copeland	07	2024CST			0	0			Hail (0.88)
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Kiowa County

1 SE Mullinville	07	2115CST			0	0			Hail (0.88)
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Kiowa County

Mullinville	07	2117CST			0	0			Hail (1.00)
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Kiowa County

Mullinville	07	2120CST			0	0			Hail (1.00)
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Kiowa County

3 SW Haviland	07	2145CST			0	0			Hail (0.75)
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Kiowa County

Haviland	07	2155CST			0	0			Hail (1.00)
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Barber County

5 N Sun City	07	2200CST			0	0			Hail (1.00)
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There was significant wheat damage reported in the area.

Pratt County

3 W Coats	07	2203CST			0	0			Hail (1.00)
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Finney County

2 N Holcomb	08	1830CST			0	0			Hail (1.00)
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Lane County

14 S Dighton	08	1830CST			0	0			Hail (1.00)
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Finney County

3 NW Holcomb	08	1845CST			0	0			Hail (0.75)
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Lane County

15 SW Dighton	08	1845CST			0	0			Hail (0.75)
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Finney County

2 NW Garden City	08	1900CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Finney County							
1 NW Kalvesta	08	1925CST			0	0	Hail (0.88)
Hodgeman County							
18 WSW Jetmore	08	1940CST			0	0	Hail (0.75)
The hail covered the ground.							
Ford County							
4 NW Bucklin	08	1947CST			0	0	Hail (0.88)
Ford County							
3 N Bucklin	08	1947CST			0	0	Hail (1.75)
Hodgeman County							
8 NNE Hanston	08	1955CST			0	0	Hail (1.00)
Hodgeman County							
8 SW Jetmore	08	1959CST			0	0	Hail (0.75)
Gray County							
5 S Ingalls	08	2050CST			0	0	Hail (0.75)
Gray County							
3 N Ensign	08	2110CST			0	0	Hail (1.75)
Gray County							
8 NE Montezuma	08	2110CST			0	0	Hail (0.75)
Gray County							
6 S Cimarron	08	2118CST			0	0	Hail (0.75)
Ford County							
3 N Bloom	08	2140CST			0	0	Hail (0.88)
Hodgeman County							
8 N Jetmore	08	2158CST			0	0	Hail (1.00)
Finney County							
3 N Kalvesta	08	2200CST			0	0	Hail (0.75)
Ford County							
3 NE Ford	08	2222CST			0	0	Hail (0.88)
Hodgeman County							
6 NE Hanston	08	2225CST			0	0	Hail (1.00)
The crop was moved down by the hail. Hail drifts to 18 inches deep.							
Hodgeman County							
4 NE Hanston	08	2230CST			0	0	Hail (1.00)
Pawnee County							
7 SSW Rozel	08	2255CST			0	0	Hail (1.75)
Hodgeman County							
11 SSW Jetmore	08	2258CST			0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Pawnee County 5 SW Garfield	08	2300CST			0 0		Hail (1.00)
Hodgeman County 16 WNW Jetmore	08	2305CST			0 0		Hail (0.75)
Hodgeman County 15 W Jetmore	08	2310CST			0 0		Hail (0.88)
Edwards County 2 S Offerle	08	2320CST			0 0		Hail (1.00)
Pawnee County 4 SW Larned	08	2333CST			0 0		Hail (1.00)
Ford County 3 WNW Spearville	08	2340CST			0 0		Hail (0.75)
The hail covered the ground.							
Edwards County 4 SW Kinsley	08	2350CST			0 0		Hail (1.50)
Ford County 2 WNW Windthorst	08	2350CST			0 0		Hail (1.00)
Edwards County Centerview	09	0000CST			0 0		Hail (1.00)
Edwards County 8 SE Kinsley	09	0000CST 0010CST			0 0		Hail (1.75)
Stafford County 8 S Stafford	09	0035CST			0 0		Hail (1.00)
Pratt County 5 NE Iuka	09	0045CST			0 0		Hail (0.75)
Comanche County 1 NW Wilmore	09	0130CST			0 0		Hail (1.00)
Ford County 1 N Dodge City	23	1825CST 1920CST			0 0		Hail (0.75)
Pea to 3/4 inch diameter hail fell five times during this period. Hail 1.25" in diameter fell from 1833 to 1838.							
Ford County 2 N Dodge City	23	1828CST			0 0		Hail (0.75)
Ford County Dodge City	23	1828CST			0 0		Hail (0.88)
Ford County Dodge City	23	1832CST			0 0		Hail (0.75)
Ford County Dodge City	23	1832CST			0 0		Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Ford County 1 N Dodge City	23	1833CST 1838CST			0 0		Hail (1.25)
Ford County Dodge City	23	1838CST			0 0		Hail (0.88)
Ford County 3 N Dodge City	23	1840CST			0 0		Hail (1.00)
Ellis County 6 S Walker	23	1845CST			0 0		Hail (1.00)
Ellis County 7 SE Victoria	23	1850CST			0 0		Hail (1.00)
Ford County Dodge City Arpt	23	1856CST			0 0		Thunderstorm Wind (G57)
Gray County Montezuma	23	1901CST			0 0		Hail (0.88)
Gray County Montezuma	23	1905CST			0 0		Hail (1.00)
Gray County Montezuma	23	1909CST			0 0		Hail (1.00)
Pawnee County 5 NE Rozel	23	1915CST			0 0		Hail (2.00)
There was extensive and severe crop damage from the hail.							
Pawnee County 5 NE Rozel	23	1915CST			0 0		Thunderstorm Wind (G70)
Three pivot irrigation sprinklers were blown over.							
Pawnee County Sanford	23	1920CST			0 0		Hail (0.88)
Pawnee County Sanford	23	1920CST			0 0		Thunderstorm Wind (G52)
Gray County Montezuma	23	1955CST			0 0		Hail (1.00)
Pawnee County 5 W Larned	23	2002CST			0 0		Hail (1.50)
Pawnee County 5 W Larned	23	2006CST			0 0		Hail (1.75)
Gray County Montezuma	23	2025CST			0 0		Hail (1.00)
Gray County 3 S Ensign	23	2028CST			0 0		Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Pawnee County									
Larned	23	2032CST			0	0			Hail (0.88)
Pawnee County									
Larned	23	2032CST			0	0			Thunderstorm Wind (G56)
Ford County									
15 S Dodge City	23	2042CST			0	0			Hail (0.75)
Ford County									
8 NW Bloom	23	2045CST			0	0			Hail (0.75)
Ford County									
16 S Dodge City	23	2056CST			0	0			Hail (1.00)
Ford County									
20 SSE Dodge City	23	2110CST			0	0			Hail (0.88)
Ford County									
9 S Dodge City	23	2130CST			0	0			Hail (1.00)
Pawnee County									
10 S Larned	23	2130CST			0	0			Hail (1.75)
Finney County									
4 N Garden City	25	1842CST			0	0			Thunderstorm Wind (G53)
Meade County									
20 SE Meade	25	1903CST			0	0			Hail (0.88)
Clark County									
17 SW Ashland	25	1910CST			0	0			Hail (1.00)
Finney County									
1 S Piercerville	25	1919CST			0	0			Thunderstorm Wind (G52)
estimated wind of 50 to 70 mph.									
Finney County									
10 NNE Garden City	25	1938CST 1943CST	0.5	50	0	0			Tornado (F0)
This was a weak landspout.									
Gray County									
12 SSW Cimarron	25	1945CST			0	0			Thunderstorm Wind (G65)
Barber County									
21 WSW Medicine Lodg	25	1950CST			0	0			Thunderstorm Wind (G61)
Comanche County									
8 NNW Protection	25	2004CST			0	0			Thunderstorm Wind (G61)
Comanche County									
8 NNW Protection	25	2013CST			0	0			Hail (0.75)
Comanche County									
12 N Protection	25	2017CST			0	0			Thunderstorm Wind (G65)

A large cottonwood tree was blown over.

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Clark County

11 NE Ashland	25	2020CST			0	0			Hail (1.00)
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50 to 60 mph winds occurred right before the hail fell.

Ford County

3 W Dodge City	25	2020CST			0	0			Hail (0.88)
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Ford County

2.5 NW Dodge City	25	2023CST			0	0			Hail (0.75)
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Comanche County

3 SW Coldwater	25	2040CST			0	0			Hail (0.75)
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Comanche County

Coldwater	25	2042CST			0	0			Hail (0.75)
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Comanche County

1 ENE Coldwater	25	2045CST			0	0			Hail (1.00)
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Hodgeman County

1 ENE Jetmore	25	2100CST			0	0			Hail (0.88)
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Kiowa County

6 NW Belvidere	25	2110CST			0	0			Hail (0.75)
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Kiowa County

4 NE Belvidere	25	2125CST			0	0			Hail (0.75)
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Edwards County

3 S Lewis	25	2130CST			0	0			Hail (0.75)
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Pratt County

4 N Coats	25	2130CST			0	0			Hail (1.00)
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Rush County

2 E Alexander	25	2155CST			0	0			Thunderstorm Wind (G52)
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Two inch diameter tree branches were broken.

Pratt County

1 N Pratt	25	2202CST			0	0			Hail (1.00)
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Pratt County

3 N Pratt Muni Arpt	25	2202CST			0	0			Hail (1.00)
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There was also 56 mph winds recorded with the hail (fell and occurred at the Pratt airport).

Stafford County

3 ENE Dillwyn	25	2208CST			0	0			Thunderstorm Wind (G61)
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A large tree branch was broken.

Ford County

2.5 NW Dodge City	25	2302CST			0	0			Hail (0.88)
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Barber County

4 S Hazelton	25	2356CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Gray County 1 N Copeland	26	1800CST			0	0			Thunderstorm Wind (G65)
									Large tree branches and a few power poles were blown down.
Gray County Copeland	26	1803CST			0	0			Thunderstorm Wind (G51)
Gray County 3 W Montezuma	26	1820CST			0	0			Thunderstorm Wind (G65)
									Power poles were blown down.
Gray County 7 SE Cimarron	26	1835CST			0	0			Thunderstorm Wind (G52)
									Live 1 inch tree branches were broken.
Ford County 2 NW Dodge City	26	1853CST			0	0			Hail (0.75)
Ford County 1 N Dodge City	26	1859CST			0	0			Hail (0.75)
Ford County Dodge City	26	1859CST			0	0			Hail (0.75)
Ford County Dodge City	26	1901CST			0	0			Hail (0.88)
Trego County 8 S Collyer	26	1920CST			0	0			Thunderstorm Wind (G56)
									Three inch diameter tree branches broken.
Pratt County 5 W Preston	29	1735CST			0	0			Hail (0.88)
Stafford County 6 SSW Stafford	29	1800CST			0	0			Hail (0.88)
Stafford County 7 SE St John	29	1803CST			0	0			Hail (0.88)
Stafford County 3 SW Stafford	29	1815CST			0	0			Hail (1.00)
Stafford County 8 ESE St John	29	1816CST			0	0			Hail (0.75)
Stafford County 6 SE St John	29	1820CST			0	0			Hail (1.75)
Stafford County 4 E St John	29	1828CST			0	0			Hail (1.75)
Stafford County 5 ENE St John	29	1839CST 1854CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Pawnee County

1 S Zook	29	2043CST			0	0			Hail (0.88)
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Edwards County

6 SE Kinsley	29	2056CST			0	0			Hail (1.00)
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Edwards County

6 ESE Kinsley	29	2057CST			0	0			Hail (0.75)
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Clark County

1 NW Acres	30	0200CST			0	0			Hail (0.75)
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Clark County

7 S Minneola	30	0200CST			0	0			Hail (0.75)
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Clark County

5 SSE Minneola	30	0200CST			0	0			Hail (0.75)
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Clark County

7 S Minneola	30	0215CST			0	0			Hail (0.75)
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Ford County

10 W Bloom	30	0215CST			0	0			Hail (1.00)
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Clark County

5 SW Minneola	30	0225CST			0	0			Hail (1.00)
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Meade County

9 N Plains	30	0305CST			0	0			Hail (1.50)
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Ford County

10 W Bloom	30	0330CST			0	0			Hail (0.88)
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Ford County

13 WNW Bloom	30	0345CST			0	0			Hail (0.88)
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Finney County

10 NNW Kalvesta	30	0400CST			0	0			Hail (0.88)
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Clark County

Minneola	30	0440CST			0	0			Hail (0.88)
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Hamilton County

1 S Coolidge	30	0450CST			0	0			Hail (1.00)
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Ford County

10 W Bloom	30	0500CST			0	0			Hail (1.25)
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This was third hail at this location during the night/early morning. Also, nearly 4 inches of rain fell.

Ford County

19.4 S Dodge City	30	0506CST			0	0			Hail (1.00)
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Finney County

17 NE Garden City	30	0530CST			0	0			Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Scott County 10 W Scott City	30	0530CST			0	0			Hail (0.75)
Clark County 1 S Minneola	30	0700CST 0900CST			0	0			Flood
Water rose out of the ditch and across highway 283 with about 1 inch of depth.									
Ford County 10 W Bloom	30	0730CST			0	0			Heavy Rain
3.40" of rain fell overnight.									
Ford County 12 W Bloom	30	0730CST			0	0			Heavy Rain
4.00" of rain fell overnight.									
Scott County Scott City	30	0730CST 0930CST			0	0			Flood
Minor flooding was reported.									
Clark County Minneola	30	0745CST 0945CST			0	0			Flood
Water was covering the highway on the south side of Minneola.									
Clark County 1 W Minneola	30	0755CST			0	0			Heavy Rain
4.30" of rain fell overnight.									
Clark County Minneola	30	0758CST			0	0			Heavy Rain
3.50" of rain fell overnight.									
Gray County 7 S Ensign	30	0800CST			0	0			Heavy Rain
4.00" of rain fell overnight									
Gray County 5 S Ensign	30	0800CST			0	0			Heavy Rain
4.10" of rain fell overnight.									
Clark County 9 SSE Minneola	30	0810CST			0	0			Heavy Rain
2.10" of rain fell overnight									
Ford County 13 WNW Bloom	30	0810CST			0	0			Heavy Rain
3.45" of rain fell overnight									
Ford County 14 W Bloom	30	1000CST			0	0			Heavy Rain
3.90" of rain fell overnight.									
Lane County 4 S Healy	30	1110CST			0	0			Heavy Rain
2.30" of rain fell overnight									

Storm Data and Unusual Weather Phenomena

May 2006

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

KANSAS, Southwest

Seward County

13 NNW Kismet 30 1110CST 0 0 Hail (1.00)

Haskell County

7 SE Sublette 30 1115CST 0 0 Hail (0.75)

Haskell County

7 NE Sublette 30 1115CST 0 0 Hail (0.75)

Barber County

1 S Medicine Lodge 30 1330CST 0 0 Hail (0.75)

Barber County

5 SE Medicine Lodge 30 1414CST 0 0 Hail (0.88)

KENTUCKY, Eastern

Jackson County

5 NE Mc Kee 11 1609EST
1612EST 0 0 0 0 Thunderstorm Wind (G55)

A few small trees and large limbs down.

Powell County

2 N Clay City 18 1526EST
1530EST 0 0 1K 0 Thunderstorm Wind (G53)

Tree blown down on a power line.

Powell County

Stanton 18 1533EST
1537EST 0 0 0 0 Thunderstorm Wind (G53)

Three trees down in town and one out in the county. Lots of limbs down as well.

Estill County

6 WNW Irvine 18 1538EST
1542EST 0 0 0 0 Thunderstorm Wind (G53)

One tree down on Trotting Ridge Road.

Estill County

3 ENE Irvine 18 1543EST
1546EST 0 0 2K 0 Thunderstorm Wind (G53)

Tree down on Tickey Fork road. Tree fell on transformer and telephone pole.

Magoffin County

1 E Salyersville 18 1618EST
1622EST 0 0 0 0 Thunderstorm Wind (G53)

Large limbs down.

Pulaski County

Somerset 18 1728EST
1732EST 0 0 5K 0 Thunderstorm Wind (G60)

Trees and power lines down in several locations throughout the county, including trees down in Bronston as well as near 192 and 3325 in the White Lily area, and power lines down on Clifty Road north of Somerset.

Wayne County

Monticello 18 1744EST
1747EST 0 0 0 0 Thunderstorm Wind (G53)

Few trees down across the county.

Bell County

Middlesboro 18 1810EST
1814EST 0 0 0 0 Thunderstorm Wind (G53)

Few trees down at 25th Street, Cumberland Ave, and Fords Woods Park.

Mccreary County

Stearns 18 1859EST
1902EST 0 0 0 0 Thunderstorm Wind (G55)

Downed trees reported throughout county. Power lost in western portion of county.

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

KENTUCKY, Eastern

Fleming County									
Mt Carmel	25	1954EST 1958EST			0	0	0	0	Thunderstorm Wind (G53)
			One tree down.						
Fleming County									
Fleming Mason Arpt	25	1954EST 1958EST			0	0	0	0	Thunderstorm Wind (G53)
			One tree down.						
Montgomery County									
Mt Sterling	25	2010EST 2014EST			0	0	0	0	Thunderstorm Wind (G53)
			A few large limbs down.						
Bath County									
Owingsville	25	2016EST 2020EST			0	0	0	0	Thunderstorm Wind (G55)
			Numerous large limbs down countywide.						
Estill County									
Shade	25	2027EST 2031EST			0	0	0	0	Thunderstorm Wind (G55)
			Several trees down in the northern portion of the county.						
Menifee County									
1 S Wellington	25	2041EST 2045EST			0	0	0	0	Hail (0.75)
Morgan County									
Ezel	25	2048EST 2052EST			0	0	0	0	Thunderstorm Wind (G55)
			Four trees blown down in Ezel along Highway 772.						
Wolfe County									
Gillmore	25	2058EST 2102EST			0	0	0	0	Thunderstorm Wind (G55)
			Several trees down.						
Morgan County									
1 SE Cannel City	25	2108EST 2112EST			0	0	0	0	Hail (0.75)
Johnson County									
Redbush	25	2108EST 2112EST			0	0	0	0	Thunderstorm Wind (G53)
			Two trees down on State Route 172 near Red Bush.						
Rockcastle County									
Quail	25	2145EST 2149EST			0	0	0	0	Thunderstorm Wind (G53)
			Two trees down.						
Rockcastle County									
Brodhead	25	2246EST 2250EST			0	0	0	0	Thunderstorm Wind (G55)
			Numerous trees and power lines down.						
Pulaski County									
4 ENE Bent	25	2254EST 2258EST			0	0	0	0	Thunderstorm Wind (G63)
			Trees down. Wind gust estimated at 70 mph.						
Powell County									
Stanton	26	1253EST 1257EST			0	0	0	0	Hail (0.88)
			Dime to nickel size hail reported.						

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

KENTUCKY, Eastern

Powell County									
Stanton	26	1258EST 1302EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down.						
Powell County									
Stanton	26	1258EST 1302EST			0	0	0	0	Hail (1.00)
Menifee County									
Sudith	26	1308EST 1312EST			0	0	0	0	Thunderstorm Wind (G55)
			Several trees down.						
Pike County									
5 E Phelps	26	1443EST 1447EST			0	0	0	0	Hail (0.88)
Laurel County									
Victory	26	2313EST 2317EST			0	0	0	0	Thunderstorm Wind (G53)
			Few trees and large limbs down in the northern portion of the county.						
Jackson County									
Mc Kee	26	2316EST 2320EST			0	0	0	0	Thunderstorm Wind (G53)
			Two trees down.						
Owsley County									
Island City	26	2333EST 2337EST			0	0	0	0	Hail (0.88)
			Penny to nickel size hail reported.						
Clay County									
Manchester	26	2343EST 2347EST			0	0	3K	0	Thunderstorm Wind (G65)
			Garage blown down. Trees also down. Damage occurred in Paces Creek area.						
Clay County									
Manchester	26	2343EST 2347EST			0	0	5K	0	Thunderstorm Wind (G60)
			Funeral home has extensive siding damage. Large pine tree blown down. Guide wires snapped on a utility pole.						
Mccreary County									
Greenwood	31	1408EST 1412EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down.						
Whitley County									
6 W Clio	31	1408EST			0	0	0	0	Thunderstorm Wind (G55)
			A few large trees blown down.						
Whitley County									
2 E Redbird	31	1408EST			0	0	0	0	Thunderstorm Wind (G53)
			A few large limbs blown down at the Cumberland Falls State Resort Park.						
Mccreary County									
Whitley City	31	1410EST 1432EST			0	0	0	0	Thunderstorm Wind (G60)
			Numerous trees down countywide. Some trees are still on power lines. Five hundred people without power.						
Mccreary County									
Whitley City	31	1413EST 1417EST			0	0	0	0	Thunderstorm Wind (G53)
			Trees down.						

Storm Data and Unusual Weather Phenomena

May 2006

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

KENTUCKY, Eastern

Pulaski County									
Alpine	31	1420EST 1424EST			0	0	0	0	Hail (0.75)
Mccreary County									
Parkers Lake	31	1436EST 1440EST			0	0	0	0	Hail (0.75)
Mccreary County									
Parkers Lake	31	1436EST 1440EST			0	0	0	0	Thunderstorm Wind (G60)
Numerous trees down on Highways 1045 and 927.									
Pulaski County									
1 S Alpine	31	1436EST 1440EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees and large limbs down.									
Mccreary County									
4 NW Whitley City	31	1438EST 1442EST			0	0	0	0	Thunderstorm Wind (G60)
Numerous trees down on Highway 700.									
Mccreary County									
3 N Parkers Lake	31	1438EST 1442EST			0	0	0	0	Thunderstorm Wind (G60)
Numerous trees down on Highway 27.									
Laurel County									
4 W London	31	1458EST 1502EST			0	0	0	0	Hail (0.75)
Estill County									
4 N Irvine	31	1514EST 1518EST			0	0	2K	0	Thunderstorm Wind (G55)
Several trees blown down, one onto a mobile home in the White Oak community.									
Pulaski County									
Faubush	31	1520EST 1524EST			0	0	5K	0	Thunderstorm Wind (G55)
Numerous trees and power lines down.									
Rockcastle County									
Mt Vernon	31	1533EST 1537EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees down.									
Laurel County									
Victory	31	1558EST 1602EST			0	0	1K	0	Thunderstorm Wind (G53)
Large limbs down. Flagpole blown to the ground and wrought iron pole damaged on porch.									
Powell County									
Bowen	31	1628EST 1632EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees down.									
Clay County									
Burning Spgs	31	1638EST 1642EST			0	0	0	0	Thunderstorm Wind (G55)
Numerous trees down.									
Jackson County									
1 SE Gray Hawk	31	1700EST 1704EST			0	0	0	0	Thunderstorm Wind (G53)
A few trees down at the junction of Oak Grove Church Road and Highway 421.									

Storm Data and Unusual Weather Phenomena

May 2006

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

KENTUCKY, Eastern

Wolfe County

1 E Flat	31	1700EST 1712EST			0	0	0	0	Thunderstorm Wind (G53)
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One 8 inch diameter pine tree blown down.

Owsley County

5 E Booneville	31	1708EST 1712EST			0	0	0	0	Hail (0.75)
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Wolfe County

Gillmore	31	1708EST 1712EST			0	0	0	0	Thunderstorm Wind (G53)
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One tree down.

Breathitt County

Vanceve	31	1712EST 1716EST			0	0	0	0	Thunderstorm Wind (G55)
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Numerous trees down.

Breathitt County

Turkey	31	1723EST 1727EST			0	0	0	0	Thunderstorm Wind (G55)
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One large tree down on Townhille Road off Route 30 west.

LAKE MICHIGAN

Wind Pt Lt Wi To

Winthrop Hbr II

2 E Racine	17	1545CST			0	0			Marine Hail
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Wind Pt Lt Wi To

Winthrop Hbr II

1.5 E Kenosha	17	1550CST			0	0			Marine Tstm Wind
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Wind Pt Lt Wi To

Winthrop Hbr II

1.5 E Kenosha	17	2020CST			0	0			Marine Tstm Wind
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Thunderstorm that pulsed to severe limits over land managed to maintain their strength and move out over the nearshore waters of Lake Michigan in the Racine to Kenosha area.

MAINE, South

MEZ023-023-023

Coastal York

13	2100EST			0	0	400K	0	Coastal Flood
16	0200EST							

Bands of rain rotated around the periphery of a slow moving, but vigorous, low pressure system from the 12th through the 15th. Extremely heavy rainfall combined with rough seas and incoming astronomical high tides to produce localized flooding along the Maine coast south of Portland Maine. A combination of fresh and saltwater flooding occurred along the Josiah River in Kennebunk. Localized severe flooding occurred at York Beach. Damage was in the hundreds of thousands of dollars.

MARYLAND, Central

Charles County

Marbury	11	1751EST			0	0	20K		Thunderstorm Wind (G50)
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Trees downed.

Montgomery County

Takoma Park	11	1845EST			0	0	40K		Thunderstorm Wind (G50)
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Trees were downed along Houston Court in Takoma Park, MD.

A cold front, combined with a strong upper-level disturbance, caused widespread severe thunderstorms to occur during the afternoon and evening of May 11 across the Mid Atlantic. Most of the active weather occurred east of the Blue Ridge Mountains, and included several weak tornadoes in Northern Virginia.

Storm Data and Unusual Weather Phenomena

May 2006

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

MISSOURI, Southwest

Taney County

4 N Walnut Shade	09	1130CST 1300CST			0	0			Flash Flood
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Heavy rain fell across the Bull Creek basin where a county road low water crossing became impassable to motorists. A water rescue was performed for two individuals that were caught in the flash flooding.

Wright County

Manes	22	0130CST			0	0	5K		Thunderstorm Wind (G55)
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Severe thunderstorm wind gusts downed several large trees along with severely damaging a farm outbuilding.

Barry County

Jenkins	26	0030CST 0300CST			0	0	5K		Flash Flood
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Excessive rainfall caused flash flooding to occur over a low water bridge that crossed the east fork of Jenks Creek. The low water crossing was completely washed away.

NEBRASKA, West

NEZ019-054>055

Scotts Bluff - Kimball - Cheyenne

	22	1900MST 2200MST			0	0			High Wind (G52)
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Strong winds generated from decaying showers resulted in areas of tree damage and a few brief power outages.

NEW HAMPSHIRE, North and Central

Rockingham County

Hampton Falls	21	1645EST 1646EST	0.1	20	0	2	3K		Tornado (F2)
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A small, but rather intense, tornado touched down on Interstate 95 about two miles south of the Hampton Toll Booths in the town of Hampton Falls. While several funnel clouds were observed over southeastern New Hampshire that Sunday evening, the actual tornado touched down just as one of the funnel clouds approached I-95. The tornado then lifted off the ground about 100 yards after crossing I-95. The most significant damage was to a truck parked along the side of the highway. The truck was lifted off the ground briefly by the tornado, thrown about 10 feet, landed on the passenger side, and then rolled 1 1/4 times ending up on its roof. Two men were in the truck at the time and were taken to a nearby hospital for treatment. After interviews with the occupants and eyewitness reports which indicated that the vehicle was lifted into the air, the tornado intensity was classified as F2 on the Fujita scale. These reports were consistent with the ground-based assessment.

NEW MEXICO, Southeast

Lea County

15 ENE Crossroads	05	1620MST			0	0	0	0	Hail (0.75)
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Penny size hail fell at the intersection of New Mexico Highways 508 and 125 east-northeast of Crossroads.

NEW YORK, West

Cayuga County

Port Byron	13	1440EST			0	0	5K		Hail (1.75)
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Monroe County

Rochester	13	1540EST			0	0	3K		Hail (1.00)
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Thunderstorms developed along the south shore of Lake Ontario as a large upper low crossed the western Great Lakes. Hail as large as 1.75 inches was reported in Port Byron. One inch hail fell in Rochester.

Lewis County

Port Leyden	30	1300EST			0	0	2K		Hail (0.75)
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An area of showers and thunderstorms crossed the St. Lawrence valley during the afternoon hours. Three quarter inch hail was reported in Port Leyden.

Allegany County

Bolivar	31	1910EST			0	0	5K		Thunderstorm Wind (G50)
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Storm Data and Unusual Weather Phenomena

May 2006

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

NEW YORK, West

Thunderstorms developed during the late afternoon and evening hours in a warm, moist, unstable air mass. A thunderstorm in the Town of Bolivar produced damaging winds that downed trees. The heavy rains of the thunderstorms produced minor flooding in Olean.

OKLAHOMA, Panhandle

Beaver County

Turpin	02	1659CST			0	0			Hail (1.00)
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Beaver County

12 W Beaver	02	1719CST			0	0			Hail (1.00)
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Severe thunderstorms during the early evening hours across the eastern Oklahoma panhandle produced large hail. No damage or injuries were reported.

Texas County

12 N Texhoma	05	1643CST			0	0			Hail (0.88)
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Texas County

Goodwell	05	1710CST			0	0			Hail (0.75)
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Severe thunderstorms over the central Oklahoma panhandle produced hail during the early evening hours. There were no reports of damage or injuries.

Texas County

7 N Goodwell	07	1855CST			0	0			Hail (1.75)
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Texas County

6 NW Guymon	07	1855CST			0	0			Hail (1.00)
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Texas County

3 W Hardesty	07	1932CST			0	0			Hail (0.75)
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Texas County

Hardesty	07	1932CST			0	0			Hail (0.88)
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Texas County

Hardesty	07	1932CST			0	0			Thunderstorm Wind (G61)
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Severe thunderstorms moved across the central Oklahoma panhandle producing large hail and high winds. There were no reports of damage or injuries.

Beaver County

5 NW Gate	25	1835CST			0	0			Hail (1.00)
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Beaver County

Knowles	25	1854CST			0	0			Hail (1.00)
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Severe thunderstorms with large hail moved across the eastern Oklahoma panhandle during the early evening hours. No damage or injuries were reported.

Texas County

1 W Hooker	26	1530CST			0	0			Thunderstorm Wind (G58)
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A severe thunderstorm over the central Oklahoma panhandle produced high winds measured by the Oklahoma Mesonet station near Hooker during the late afternoon hours. There were no reports of damage or injuries.

Cimarron County

Felt	30	1800CST			0	0			Thunderstorm Wind (G52)
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A severe thunderstorm moved across the western Oklahoma panhandle during the early evening hours producing high winds. No damage or injuries were reported.

Storm Data and Unusual Weather Phenomena

May 2006

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

OKLAHOMA, Panhandle

Cimarron County

Wheless	31	1830CST			0	0			Hail (0.88)
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A severe thunderstorm across the western Oklahoma panhandle during the early evening hours produced hail. There were no reports of damage or injuries.

OKLAHOMA, Western, Central and Southeast

Coal County

Coalgate	09	1730CST			0	0			Hail (0.75)
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Hughes County

5 NW Lamar	09	1730CST			0	0			Hail (0.88)
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Coal County

1 E Olney	09	1759CST	0.2	20	0	0			Tornado (F0)
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A brief, narrow tornado was viewed by several people touching down near Lehigh in an open field. No damage was reported.

Atoka County

2 S Caney	09	1900CST			0	0			Hail (0.88)
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Coal County

1 W Coalgate	09	1900CST 2130CST			0	0			Flash Flood
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During the evening of May 9, multiple, slow-moving thunderstorms dropped 2 to 4 inches of rainfall over southeastern Coal County producing flash flooding in the region. At 700 pm CST, Coal County law enforcement officials reported that floodwaters had covered Oklahoma State Highway 3 one mile west of Coalgate.

Coal County

Phillips	09	1900CST 2130CST			0	0			Flash Flood
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During the evening of May 9, multiple, slow-moving thunderstorms dropped 2 to 4 inches of rainfall over southeastern Coal County producing flash flooding in the region. At 700 pm CST, Coal County law enforcement officials reported that floodwaters had also covered U.S. Highway 75 in the town of Phillips.

Atoka County

2 ESE Stringtown	09	1901CST 1902CST	0.6	30	0	0			Tornado (F0)
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A narrow tornado was seen by a television storm chaser from KWTW touching down in an open field near Stringtown. This was the first of two brief tornadoes produced by this storm. No damage was reported.

Atoka County

2 SE Stringtown	09	1904CST	0.2	20	0	0			Tornado (F0)
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A second brief tornado produced by the same storm touched down southeast of Stringtown (see tornado entry at 1901-1902 CST for information about the first tornado). This tornado was observed by a television storm chaser for KWTW. No known damage.

Atoka County

4 N Stringtown	09	1915CST			0	0			Hail (1.00)
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Hail was observed at the Stringtown Correctional Facility.

Coal County

4 SW Lehigh	09	1915CST			0	0			Hail (0.75)
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Atoka County

Atoka	09	1945CST			0	0			Hail (1.25)
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Atoka County

Atoka	09	2010CST 2130CST			0	0			Flash Flood
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At 810 pm CST, a report from the public indicated that numerous streets were inundated by high water in the city of Atoka in Atoka County.

Storm Data and Unusual Weather Phenomena

May 2006

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

OKLAHOMA, Western, Central and Southeast

Atoka County									
4 E Atoka	09	2015CST			0	0			Hail (0.75)
Harmon County									
Madge	09	2030CST			0	0			Hail (4.25)
Harmon County									
Madge	09	2030CST			0	0	0.15K		Thunderstorm Wind (G52)
A ten foot trampoline was blown over.									
Harmon County									
Vinson	09	2040CST			0	0			Hail (2.25)
Greer County									
6 W Mangum	09	2057CST			0	0			Hail (1.75)
Greer County									
2 S Reed	09	2057CST			0	0			Hail (2.75)
Greer County									
5 S Mangum	09	2105CST			0	0			Hail (1.00)
Harmon County									
Hollis	09	2115CST			0	0			Hail (1.00)
Harmon County									
3 W Hollis	09	2125CST			0	0			Hail (2.75)
Greer County									
Mangum	09	2130CST			0	0			Hail (0.88)
Jackson County									
Olustee	09	2130CST			0	0	0.15K		Thunderstorm Wind (G56)
Tree limbs, 3-4 inches in diameter, were downed.									
Harmon County									
Gould	09	2138CST			0	0			Hail (1.75)
Harmon County									
9 S Gould	09	2138CST			0	0			Hail (1.75)
Jackson County									
4 S Duke	09	2152CST			0	0			Hail (1.75)
Washita County									
1 S Foss	09	2210CST			0	0			Thunderstorm Wind (G52)
Jackson County									
(Lts)Altus Afb	09	2244CST			0	0			Thunderstorm Wind (G52)
Jackson County									
1 SW Blair	09	2244CST			0	0			Hail (1.75)
Jackson County									
Altus	09	2247CST			0	0			Thunderstorm Wind (G53)

Storm Data and Unusual Weather Phenomena

May 2006

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

OKLAHOMA, Western, Central and Southeast

Harmon County							
Madge	09	2250CST			0	0	Hail (0.75)
Jackson County							
3 S Altus	09	2250CST			0	0	Thunderstorm Wind (G55)
Wind gust was measured by the Oklahoma mesonet.							
Jackson County							
(Lts)Altus Afb	09	2252CST			0	0	Hail (0.75)
Jackson County							
Headrick	09	2305CST			0	0	Hail (0.75)
Kiowa County							
Mountain Park	09	2308CST			0	0	Hail (0.75)
Comanche County							
5 NW Indiahoma	09	2318CST			0	0	Hail (0.88)
Oklahoma County							
(Pwa)Wiley Post Apt	09	2326CST			0	0	Thunderstorm Wind (G51)
Wind gust was measured by KPWA ASOS at Wiley Post Airport near Bethany.							
Lincoln County							
Meeker	10	0009CST			0	0	Hail (0.88)
Lincoln County							
Meeker	10	0009CST			0	0	Thunderstorm Wind (G52)
Bryan County							
Albany	10	0130CST			0	0	Hail (1.75)
Harmon County							
Madge	10	0230CST			0	0	Hail (0.75)
Washita County							
5 W Bessie	10	0240CST			0	0	Hail (1.25)
Bryan County							
1 W Bokchito	10	0245CST			0	0	Hail (1.00)
Harmon County							
Hollis	10	0300CST			0	0	Hail (0.75)
Tillman County							
1 W Frederick	10	0339CST			0	0	Hail (0.88)
Tillman County							
Grandfield	10	0350CST			0	0	Hail (1.00)
Tillman County							
Grandfield	10	0350CST			0	0	0.25K Thunderstorm Wind (G56)

Tree limbs, 2-3 inches in diameter, were downed. A tree was also uprooted.

Storm Data and Unusual Weather Phenomena

May 2006

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

OKLAHOMA, Western, Central and Southeast

Tillman County

3 W Grandfield	10	0355CST			0	0			Thunderstorm Wind (G63)
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Wind gust was measured by the Oklahoma mesonet.

Cotton County

4 N Devol	10	0400CST			0	0			Hail (1.00)
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Cotton County

4 N Devol	10	0400CST			0	0	0.25K		Thunderstorm Wind (G52)
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Six inch diameter tree limbs were downed.

Tillman County

Grandfield	10	0400CST			0	0			Hail (0.88)
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Tillman County

Grandfield	10	0400CST			0	0	0.75K		Thunderstorm Wind (G61)
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Six to eight inch diameter tree limbs downed. A tree was uprooted. High-line wires were downed.

Jefferson County

Ryan	10	0430CST			0	0	5K		Thunderstorm Wind (G56)
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The roof of a barn and house were blown off.

Jefferson County

Waurika	10	0437CST			0	0			Hail (1.75)
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Jefferson County

Ryan	10	0439CST			0	0			Hail (1.75)
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Jefferson County

Ryan	10	0439CST			0	0	40K		Thunderstorm Wind (G61)
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A 24-28 inch diameter tree was blown over along with several power poles blown down. A store awning was torn from the building. A green house was damaged at the Ryan school. A travel trailer was tossed 50 yards and destroyed. Several portable car ports were also destroyed.

Jefferson County

Ryan	10	0440CST			0	0			Hail (0.75)
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Jefferson County

Ryan	10	0440CST			0	0	0.50K		Thunderstorm Wind (G52)
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Some tree damage was reported.

Jefferson County

Grady	10	0455CST			0	0			Thunderstorm Wind (G52)
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Jefferson County

2 E Grady	10	0500CST			0	0			Thunderstorm Wind (G52)
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Love County

Marietta	10	0515CST			0	0			Hail (1.75)
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Marshall County

Kingston	10	0540CST			0	0			Hail (1.75)
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Bryan County

Cartwright	10	0555CST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2006

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Additions/Corrections

OKLAHOMA, Western, Central and Southeast

Bryan County									
Albany	10	0600CST			0	0			Hail (0.88)
Bryan County									
Albany	10	0600CST			0	0			Thunderstorm Wind (G56)

PUERTO RICO

PRZ009									
Western Interior									
	29	1634AST			0	0			Landslide
A landslide was reported along road 495 in Barrio Perchas 2 of San Sebastian.									
Western Interior									
San Sebastian	29	1634AST 2000AST			0	0	50K		Flash Flood
Several sectors of the San Sebastian municipality were reported flooded, Barrio Juncal, Guatemala, Pueblo Nuevo, and several downtown streets. River Guatemala was reported out of its banks at Barrio Guatemala flooding the Fey Mendez Park and some nearby businesses. Another stream was reported out of its banks at Comunidad Gonzalez near the 4H park.									
PRZ010									
Mayaguez And Vicinity									
	30	1710AST			0	0			Landslide
A landslide was reported at Barrio Las Marias, El Salto sector. Downed pole and phone lines were also reported.									
Mayaguez And Vicinity									
Anasco	30	1715AST 1900AST			0	0			Heavy Rain
The Quebrada Larga de Anasco small stream was reported out of its banks at Barrio Las Marias. Heavy rainfall developed over the northwestern section of Puerto Rico during the late afternoon. Doppler radar estimated rainfall totals varied from two to three inches over this area.									
PRZ010									
Mayaguez And Vicinity									
	30	1900AST			0	0	4K		Landslide
Northwest									
Aguadilla	30	1945AST 2345AST			0	0			Flash Flood
Flooded homes and streets were reported in Barrio Guerrero, along road 459 Altura del Poblado San Antonio, road 115, Highway 2 in front of Walgreens, Rafael Hernandez street and Victoria Urbanization.									

TENNESSEE, Central

Rutherford County									
Murfreesboro	26	0133CST			0	0	30K		Lightning
Lightning struck a condo located on Northfield Boulevard in Murfreesboro, off Memorial Blvd. The lightning set fire to 3 units in the condo. A lady's cat died of smoke inhalation. There were no injuries.									
Dickson County									
2 S Charlotte	26	1712CST			0	0			Hail (2.00)
Humphreys County									
New Johnsonville	26	1754CST			0	0			Hail (1.75)
Bedford County									
10 W Shelbyville	26	1858CST			0	0			Hail (3.00)
Bedford County									
7 WSW Shelbyville	26	1908CST			0	0			Hail (1.75)
Maury County									
5 S Columbia	26	1917CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2006

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Additions/Corrections

TENNESSEE, Central

Humphreys County

Waverly	26	1945CST			0	0			Hail (0.88)
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Lewis County

Hohenwald	26	2045CST			0	0			Hail (1.00)
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Lewis County

5 W Hohenwald	26	2045CST			0	0			Thunderstorm Wind (G50)
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Several trees were down over the western part of the county. The largest tree was 3 feet in diameter.

Lawrence County

8 W Lawrenceburg	26	2219CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down and were blocking a road.

Giles County

Pulaski	26	2230CST			0	0	50K		Lightning
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The downtown studios of WKSJ-AM and WKSJ-FM were struck by lightning on South Second St. in Pulaski. The lightning knocked out the phone system and the inner office network. The inner office network allows the on-air computers to talk to each other, including the EAS computer system at the station. The station's satellite system, Internet service, the Associated Press link to the radio station, an office computer, and a modem in another computer were completely destroyed.

Lawrence County

Lawrenceburg	26	2231CST			0	0			Hail (0.75)
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Lawrence County

2 SE Lawrenceburg	26	2236CST			0	0	35K		Thunderstorm Wind (G50)
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Tree was blown down on a mobil home. Newspaper story estimated damage to be around \$35,000.

TENNESSEE, West

Decatur County

2 NW Lick Skillet	21	1454CST 1458CST			0	0	1K		Hail (0.75)
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Henderson County

Scotts Hill	21	1454CST 1458CST			0	0	1K		Hail (0.75)
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Lauderdale County

2 NE Edith	21	1647CST 1650CST			0	0	1K		Hail (0.75)
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Carroll County

Atwood	21	2130CST			0	0			Lightning
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A lightning storm left 13 cows dead on Saturday night at a 72 acre farm in Atwood, TN. The cows were standing under and around a large cedar tree when lightning struck the tree and then hit the cows.

TEXAS, Central

Taylor County

Tuscola to 6 SE Tuscola	05	1721CST 1736CST			0	0			Hail (1.00)
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Hail covered the ground from Tuscola to 6 miles southeast of Buffalo Gap

Fisher County

Hobbs to Sylvester	05	1737CST 1800CST			0	0	100K		Hail (2.75)
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The hail storm dropped hail stones from the size of golfball to baseball size. The large hail along with wind gusts to near 50 mph damaged several homes, vehicles, farm equipment, windows, windshields, skylights and roofs in the hardest hit towns of Sylvester and McCaulley. The hail also stripped leaves and bark off trees. The storm produced a northwest to southeast hail swath about two miles wide that extended from Hobbs and Rotan to Sylvester.

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, Central

Callahan County

4 E Dudley	05	1752CST 1757CST			0 0		Hail (1.75)
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Haskell County

Rule	05	1815CST			0 0		Hail (1.75)
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Callahan County

10 W Cross Plains	05	1822CST			0 0		Hail (2.75)
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Callahan County

7 S Baird to 12 S Baird	05	1823CST 1825CST			0 0		Hail (1.75)
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Haskell County

Haskell	05	1828CST			0 0		Hail (1.00)
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Haskell County

1 S Haskell to Haskell	05	1840CST 1846CST			0 0		Hail (2.00)
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Runnels County

Ballinger	05	1840CST			0 0		Hail (1.75)
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Haskell County

8 S Haskell	05	1844CST			0 0		Funnel Cloud
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Jones County

Truby to Hawley	05	1848CST 1906CST			0 0		Hail (2.75)
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Jones County

3 E Hawley to 10 SE Hawley	05	1910CST 1926CST			0 0		Hail (2.75)
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Extensive damage was reported around Lake fort Phantom Hill with numerous reports of baseball size hail causing broken windows.

Jones County

Hawley	05	1910CST			0 0		Thunderstorm Wind (G56)
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The combination of strong winds and large hail damaged the roof of the Hawley Volunteer Fire Department.

Nolan County

Sweetwater	05	1910CST			0 0		Hail (1.00)
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Jones County

5 SE Hawley	05	1915CST 1917CST	0.2	20	0 0		Tornado (F0)
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Law enforcement reported two brief touchdowns in a pasture near Lake Fort Phantom Hill.

Runnels County

6 E Benoit	05	1923CST			0 0		Funnel Cloud
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Coleman County

Talpa	05	1927CST			0 0	10K	Thunderstorm Wind (G50)
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The strong winds blew a roof off of a home

Shackelford County

20 W Moran to 18.5 W Moran	05	1932CST 1935CST	1.5	75	0 0		Tornado (F1)
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A tornado uprooted a large mesquite tree and willow tree. The mesquite tree was approximately 4 feet wide at the base.

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, Central

Taylor County 20 SW Abilene	05	1936CST			0	0			Hail (1.00)
Coleman County Coleman	05	1943CST			0	0			Hail (1.50)
Taylor County Tuscola	05	1951CST 2007CST			0	0			Hail (1.75)
Coleman County Coleman	05	1952CST 2006CST			0	0	5M		Hail (2.50)
Hailstones from golfball to tennis ball size damaged windshields, skylights, and roofs to almost every residence, out building, exposed vehicle, and carport located in Coleman. The large hail also littered lawns with leaves and branches and even killed birds. The large hail also left big dents in the ground.									
Fisher County Roby	05	1953CST			0	0			Hail (1.00)
Shackelford County 10 S Albany to Moran	05	2005CST 2015CST			0	0			Hail (2.75)
The large hail stones damaged vehicle windshields in Moran.									
Brown County 3 NW Bangs to Brownwood	05	2019CST 2040CST			0	0			Hail (2.75)
Hailstones to the size of baseballs broke car windshields in Bangs and tennis ball size hail fell in Brownwood with little or no rain. This hail storm stretched from 3 miles northwest of Bangs to Brownwood.									
Callahan County Oplin	05	2026CST			0	0			Hail (1.75)
Nolan County Sweetwater	05	2037CST			0	0			Hail (1.00)
Coleman County 8 NW Burkett	05	2058CST			0	0			Hail (2.50)
Taylor County (Dys)Dyess Afb Abile to Abilene	05	2059CST 2115CST			0	0			Hail (2.50)
Callahan County 10 S Putnam	05	2106CST			0	0			Hail (1.00)
Taylor County 12 S Merkel	05	2106CST			0	0			Hail (1.75)
Brown County 5 W Brownwood	05	2125CST			0	0			Hail (2.50)
Tennis ball size hail was reported on US Hwy 84 between Brownwood and Bangs									
Callahan County Clyde	05	2135CST			0	0			Hail (0.88)
Runnels County Wingate	05	2159CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, Central

Taylor County

Abilene	05	2241CST			0	0			Thunderstorm Wind (G50)
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A 100 year old tree was uprooted by winds produced by a wake low located behind a line of thunderstorms

Brown County

Brownwood	05	2310CST 2355CST			0	0			Flash Flood
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Law enforcement officials reported major flooding at various locations across the city of Brownwood. High water rescues were performed at several flooded intersections.

Concho County

Paint Rock	05	2315CST			0	0			Hail (1.75)
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Concho County

Eden	05	2336CST			0	0			Thunderstorm Wind (G50)
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Mcculloch County

5 W Fife	05	2340CST			0	0			Hail (0.88)
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This was one of the worst severe episodes of the 2006 spring severe weather season. There were several long lived supercells that produced large hail swaths with hail sizes ranging up to baseball size hail that produced widespread damage across several West Central Texas towns or communities.

TEXAS, North

TXZ091>095-100>107-115>120-129>134-141>145-156>157-159 **Montague - Cooke - Grayson - Fannin - Lamar - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Eastland - Erath - Hood - Somervell - Johnson - Ellis - Comanche - Mills - Hamilton - Bosque - Hill - Lampasas - Coryell - McLennan**

01	0000CST			0	0	100M	Drought
08	2359CST						

All areas of north Texas that were considered to be in severe (D2) or moderate (D1) drought last month are now only counted as abnormally dry (D0), according to the U.S. Drought Monitor. While a few heavy rain events have helped ease the drought, relief remains marginal at best, and drier than normal conditions continue. Comanche, Jack, and Palo Pinto Counties continue to impose burn bans. Vegetation is stressed, especially in far west north Texas where recent rains have been less plentiful. Voluntary water restrictions are ongoing in most north Texas Counties. The latest forecast from the Climate Prediction Center indicates that the next three months are expected to be hotter and drier than normal across north Texas.

Stephens County

Hubbard Creek Lake	01	1935CST			0	0			Hail (0.75)
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Breckenridge Police Department reported penny-size hail at Tanglewood Island on Hubbard Creek Reservoir.

Stephens County

3 NW Breckenridge	01	2000CST			0	0	5K		Hail (1.75)
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Stephens County

2 N Ivan	01	2028CST			0	0			Thunderstorm Wind (G50)
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Palo Pinto County

Palo Pinto	01	2135CST			0	0			Hail (0.75)
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Hood County

Tolar	01	2232CST			0	0			Thunderstorm Wind (G56)
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Somervell County

4 WNW Glen Rose	01	2308CST			0	0			Thunderstorm Wind (G50)
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Tree down over CR 1007 just west of Dinosaur Valley State Park.

Hood County

Tolar	01	2310CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, North

Somervell County									
6 S Glen Rose	01	2336CST			0	0			Thunderstorm Wind (G65)

Bosque County									
4 N Walnut Spgs	01	2338CST			0	0	5K		Hail (1.75)

Erath County									
Countywide	03	0000CST 0130CST			0	0			Flash Flood

TXZ117>118-118									
		Secondary roads had some flooding.							
		Parker - Tarrant							
	03	0155CST 0220CST			0	0	250K		High Wind (G60)

Winds associated with evaporation along the edges of dissipating thunderstorms caused widespread damage across Tarrant and Parker Counties. In Tarrant County, roofs were blown off of businesses and homes. A small Cessna was flipped over and two larger jets (a 737 and a DC-9) were damaged when they were pushed into each other at Meacham Airport. Numerous trees, power lines, transformers and radio towers were knocked down. Power was knocked out to over 30,000 people in the area. In Arlington, a 70-foot tall cottonwood tree crashed into a bedroom roof. In Parker County, a roof was blown off of a house in Aledo and numerous trees and fences were blown down across the county.

TEXAS, North Panhandle

Donley County									
Clarendon	02	1521CST			0	0			Hail (1.75)

Donley County									
Clarendon	02	1523CST			0	0			Hail (1.00)

Carson County									
White Deer	02	1528CST			0	0			Hail (0.88)

Carson County									
2 W Groom	02	1530CST			0	0			Hail (1.75)

Donley County									
Clarendon	02	1536CST			0	0			Hail (2.75)

Gray County									
2 SW Pampa	02	1536CST			0	0			Hail (1.00)

Carson County									
Groom	02	1538CST			0	0			Hail (1.75)

Donley County									
1 NW Clarendon	02	1538CST			0	0			Hail (1.50)

Donley County									
1 NE Clarendon	02	1545CST			0	0			Hail (2.50)

Gray County									
17 W Alanreed	02	1550CST			0	0			Hail (2.75)

Donley County									
9 N Howardwick	02	1600CST			0	0			Hail (1.75)

Donley County									
Clarendon	02	1616CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, North Panhandle

Wheeler County
1 N Allison 02 1630CST 0 0 **Hail (1.00)**

Hemphill County
18 SE Canadian 02 1637CST 0 0 **Hail (1.75)**

Collingsworth County
6 W Wellington 02 1730CST 0 0 **Hail (0.88)**

Severe thunderstorms across the east central and southeastern Texas panhandle during the late afternoon and early evening hours produced large hail. No damage or injuries were reported.

TXZ010
Hemphill
02 1525CST 0 0 **Wildfire**
03 2100CST

A wildfire started by lightning fourteen miles southeast of Canadian burned eight hundred and fifty acres. There were no reports of injuries or structural damage.

TXZ010
Hemphill
02 1605CST 0 0 **Wildfire**
05 1900CST

A wildfire caused by lightning ten miles east-southeast of Canadian burned one thousand nine hundred and twenty acres. There were no reports of injuries or structural damage.

Wheeler County
Lela 03 2038CST 0 0 **Hail (1.75)**

Wheeler County
10 ESE Wheeler 03 2140CST 0 0 **Thunderstorm Wind (G54)**

Severe thunderstorms across the southeastern Texas panhandle during the evening hours produced large hail and high winds. There were no reports of damage or injuries.

TXZ010
Hemphill
04 1550CST 0 0 **Wildfire**
05 1900CST

A wildfire twelve miles southeast of Canadian burned eight hundred and fifty acres. The wildfire was caused by lightning and two homes and two outbuildings were saved. There were no reports of injuries or structural damage.

Ochiltree County
2 W Perryton 07 2010CST 0 0 **Hail (0.88)**

A severe thunderstorm over the northeast Texas panhandle produced hail during the evening hours. No damage or injuries were reported.

Randall County
14 SE Canyon 09 1730CST 0 0 **Hail (0.75)**

Reported from Ceta Canyon.

Armstrong County
Claude 09 1820CST 0 0 **Hail (0.75)**

Carson County
Panhandle 09 1835CST 0 0 **Hail (1.00)**

Carson County
Panhandle 09 1835CST 0 0 **Hail (1.00)**

Hutchinson County
7.5 N Stinnett 09 1835CST 0 0 **Hail (0.88)**

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, North Panhandle

Gray County							
11 WSW Lefors	09	1839CST			0 0		Hail (0.88)
Gray County							
5 SW Lefors	09	1846CST			0 0		Hail (1.00)
Roberts County							
24 NW Miami	09	1855CST			0 0		Hail (1.00)
Moore County							
Dumas	09	1910CST			0 0		Hail (0.75)
Donley County							
12 S Clarendon	09	1912CST			0 0		Hail (0.75)
Gray County							
Mc Lean	09	1920CST			0 0		Hail (1.00)
Gray County							
Alanreed	09	1924CST			0 0		Hail (1.75)
Gray County							
1 E Mc Lean	09	1926CST			0 0		Hail (1.75)
Donley County							
4 W Howardwick	09	1929CST			0 0		Hail (0.88)
Wheeler County							
10 W Shamrock	09	1935CST			0 0		Hail (1.75)
Collingsworth County							
Lutie	09	2005CST			0 0		Hail (2.50)
Collingsworth County							
Sammorwood	09	2005CST			0 0	15K	Hail (4.50)
Carson County							
1 W Panhandle	09	2017CST			0 0		Hail (1.75)
Carson County							
Panhandle	09	2019CST			0 0		Hail (1.50)
Donley County							
18 N Hedley	09	2025CST			0 0		Hail (1.75)
Carson County							
3 N Groom	09	2030CST			0 0	20K	Hail (0.88)
Carson County							
Groom	09	2036CST			0 0		Hail (1.75)
Collingsworth County							
Dodson	09	2105CST			0 0		Hail (1.75)
Donley County							
14 NNW Mc Knight	09	2113CST			0 0		Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, North Panhandle

Gray County

1 N Lefors 09 2115CST 0 0 **Hail (1.75)**

Donley County

8 NE Clarendon 09 2117CST 0 0 **Hail (2.00)**

Donley County

5 N Hedley 09 2122CST 0 0 **Hail (1.75)**

Collingsworth County

7 N Quail 09 2130CST 0 0 **Hail (1.00)**

Severe thunderstorms with large and damaging hail moved across the central...eastern...and southern Texas panhandle during the evening hours. Damage was reported in Samnorwood where windshields of vehicles were broken out and also just north of Groom where corn crops received damage as hail covered the ground. No injuries were reported.

TXZ005

Lipscomb

11 1240CST 0 0 **Wildfire**
15 1700CST

A wildfire eighteen miles southwest of Lipscomb burned eighteen thousand acres. There were no reports on injuries or structural damage.

TXZ007

Moore

12 1317CST 0 0 **Wildfire**
13 1700CST

A wildfire seven miles south of Dumas just east of U.S. Highway 87 was caused by welding equipment and burned two thousand four hundred and thirty acres. There were no reports of injuries or structural damage.

TXZ016

Deaf Smith

20 1512CST 0 4 100K **Wildfire**
22 1700CST

A wildfire sixteen miles north-northwest of Bootleg burned four thousand eight hundred and eighty acres. Four people were injured along with two homes saved but one home destroyed. Also...five outbuildings were saved but one outbuilding was destroyed.

TXZ006

Hartley

20 1815CST 0 0 **Wildfire**
21 1700CST

A wildfire six miles south of Romero burned two thousand and five hundred acres. The wildfire was caused by lightning and there were no reports of injuries or structural damage.

TXZ001

Dallam

21 1515CST 0 0 **Wildfire**
2300CST

A wildfire started by lightning eighteen miles north-northwest of Dalhart burned four thousand and five hundred acres. There were no reports of structural damage or injuries.

Randall County

3 SE Amarillo 21 1654CST 0 0 **Hail (0.88)**

Randall County

9 SW Amarillo 21 1710CST 0 0 80K **Thunderstorm Wind (G56)**

Potter County

2 W Amarillo 21 1730CST 0 0 **Thunderstorm Wind (G56)**

Hutchinson County

Fritch 21 1810CST 0 0 **Hail (0.75)**

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, North Panhandle

Hutchinson County

Fritch	21	1810CST			0	0			Thunderstorm Wind (G52)
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Carson County

9 NW Mc Bride	21	1830CST			0	0			Hail (0.88)
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Carson County

8 NW Mc Bride	21	1840CST			0	0			Hail (1.00)
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Severe thunderstorms with large hail and damaging winds moved across the southern and central Texas panhandle during the early evening hours. Power poles were reported to be bent with power lines on top of a tractor trailer at the intersection of the Claude Highway and Washington Street. In addition...the Randall County Sheriff's Office reported structural damage to homes along with power lines down on Wheatstraw Road...which is a side street off of Washington Street. Also...the general public about one quarter of a mile northwest of the Claude Highway and Washington Street...reported that a large packing crate...roughly three to four thousand pounds...was pushed north about thirty feet and that scrap metal along with two by fours were scattered all over the ground. A six inch diameter tree limb was blown down at the corner of 16th Avenue and Georgia Street in Amarillo. There were no injuries reported.

TXZ018

Armstrong

21	2100CST				0	0			Wildfire
28	1700CST								

A wildfire nineteen miles southwest of Claude burned four thousand acres on the Harrell Ranch. The wildfire was started by lightning. Three homes and five outbuildings were saved and there were no reports of injuries or structural damage.

TXZ001

Dallam

22	0515CST				0	0			Wildfire
23	1700CST								

A wildfire eighteen miles north-northwest of Dalhart burned four hundred acres and was a rekindle from an earlier wildfire. There were no reports of injuries or structural damage.

TXZ018

Armstrong

23	1515CST				0	0			Wildfire
26	1700CST								

A wildfire seven miles northeast of Wayside burned one thousand acres. There were no reports of injuries or structural damage. The wildfire was caused by lightning.

TXZ018

Armstrong

25	1400CST				0	0			Wildfire
28	1700CST								

A wildfire four miles south-southwest of Claude burned two thousand acres. There were no reports of injuries or structural damage. The wildfire was caused by lightning.

Carson County

6 S Panhandle	25	1710CST			0	0			Hail (1.00)
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Armstrong County

Claude	25	1904CST			0	0			Hail (0.75)
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Armstrong County

5 E Claude	25	1915CST			0	0			Hail (0.75)
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The hail was reported to be covering the ground. Severe thunderstorms across the central and south central Texas panhandle produced large hail during the early evening hours. No damage or injuries were reported.

Wheeler County

3 NNE Shamrock	26	1815CST			0	0			Thunderstorm Wind (G61)
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A severe thunderstorm over the southeast Texas panhandle during the early evening hours produced high winds. There were no reports of damage or injuries.

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, North Panhandle

TXZ016

Deaf Smith

26 2000CST

0 0

Wildfire

28 1700CST

A wildfire nine miles southwest of Bootleg burned seven hundred and seventy-two acres. Three homes and five outbuildings were threatened. There were no reports of structural damage or injuries. The wildfire was started by lightning.

TXZ012-017

Potter - Randall

27 0117CST

0 0

High Wind (G52)

0155CST

Non-thunderstorm wind gusts reported by an off-duty television meteorologist and also measured by the Amarillo Automated Surface Observing System at Rick Husband International Airport during the early morning hours. There were no reports of damage or injuries.

Gray County

Alanreed

28 1558CST

0 0

Hail (0.75)

Donley County

12 S Clarendon

28 1705CST

0 0

Hail (1.75)

Donley County

7 S Hedley

28 1750CST

0 0

Hail (0.75)

Donley County

1 W Hedley

28 1810CST

0 0

Hail (0.75)

Donley County

Hedley

28 1825CST

0 0

Hail (1.00)

Donley County

Hedley

28 1830CST

0 0

10K

Hail (1.75)

1845CST

Donley County

Hedley

28 1830CST

0 0

Hail (1.00)

Hail was reported to be covering the ground and may be slightly larger but not quite half dollar size.

Donley County

Hedley

28 1833CST

0 0

Hail (1.50)

Donley County

1 S Hedley

28 1835CST

0 0

Hail (1.50)

Severe thunderstorms with large and damaging hail moved across the east central and southeast Texas panhandle during the early evening hours. At Hedley...the hail fell for almost one hour where house windows were broken and an awning was ripped. There were no injuries reported.

Wheeler County

13 SE Wheeler

29 1630CST

0 0

Hail (1.00)

A severe thunderstorm across the southeastern Texas panhandle during the early evening hours produced large hail. There were no reports of damage or injuries.

Moore County

5 W Dumas

30 1600CST

0 0

Hail (0.88)

Moore County

2 N Dumas

30 1607CST

0 0

Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, North Panhandle

Carson County									
5 SW Panhandle	30	1611CST			0	0			Hail (0.75)
Moore County									
10 NW Dumas	30	1613CST			0	0			Hail (1.50)
Moore County									
5 N Dumas	30	1620CST			0	0			Hail (0.88)
Moore County									
1 S Cactus	30	1623CST			0	0			Hail (1.00)
Carson County									
2 E Pantex	30	1627CST			0	0			Hail (1.75)
Randall County									
Canyon	30	1630CST			0	0			Hail (0.88)
Carson County									
2 SW Pantex	30	1633CST			0	0			Hail (0.75)
Carson County									
2 SW Pantex	30	1633CST			0	0			Thunderstorm Wind (G52)
Randall County									
7 SE Amarillo	30	1633CST			0	0			Hail (0.88)
Carson County									
4 SW Panhandle	30	1639CST			0	0			Hail (0.88)
Carson County									
4 SW Panhandle	30	1642CST			0	0			Hail (1.00)
Hutchinson County									
4 NE Sanford	30	1645CST			0	0			Hail (0.88)
Roberts County									
Miami	30	1712CST			0	0			Hail (0.75)
Carson County									
4 SW Panhandle	30	1745CST 2000CST			0	0			Flash Flood
U.S. Highway 60 closed due to high water between Pantex and Panhandle.									
Collingsworth County									
Wellington	30	1850CST			0	0			Thunderstorm Wind (G56)

Severe thunderstorms producing large hail...high winds...and very heavy rainfall which resulted in flash flooding moved across the central and eastern Texas panhandle during the early evening hours. No damage or injuries were reported from the severe weather.

TEXAS, West

Crane County									
Crane	02	1500CST			0	0	0	0	Thunderstorm Wind (G52)
Crane County									
16 W Crane	02	1507CST			0	0	0	0	Hail (0.75)

Penny size hail fell two miles north of Tubbs Corner in western Crane County on Farm to Market Road 1053.

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, West

Scurry County

Ira to 4 E Ira	02	1523CST 1542CST			0	0	0	0	Hail (1.75)
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Penny to golf ball size hail fell in a swath from Ira to near Dunn along Farm to Market Road 1606.

Mitchell County

Cuthbert to 2 S Westbrook	02	1547CST			0	0	0	0	Hail (4.00)
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Baseball to softball size hail fell in a swath along Farm to Market Road 670 from Cuthbert to just south of Westbrook.

Mitchell County

Cuthbert to 2 S Westbrook	02	1547CST			0	0	0	0	Hail (2.75)
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Baseball to softball size hail fell in a swath along Farm to Market Road 670 from Cuthbert to just south of Westbrook.

Ector County

Pleasant Farms	02	1548CST 1550CST			0	0	0	0	Hail (1.00)
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Mitchell County

10 WNW Colorado City 9 W Colorado City	02	1602CST 1608CST			0	0	0	0	Hail (1.75)
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Penny to golfball size hail fell on Farm to Market Road 1808 between Farm to Market Road 1229 and County Road 214, ten miles west-northwest of Colorado City and on Interstate 20 nine miles west of Colorado City.

Scurry County

3 E Dunn	02	1605CST			0	0	0	0	Hail (1.75)
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Nickel to golfball size hail fell in southern Scurry County along Farm to Market Road 1606 east of Dunn.

Mitchell County

9 W Colorado City	02	1608CST			0	0	0	0	Hail (0.75)
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Penny size hail fell on Interstate 20, nine miles west of Colorado City.

Mitchell County

2 SE Westbrook	02	1610CST 1612CST	0.1	30	0	0	10K	0	Tornado (F0)
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The first tornado to impact Mitchell County was located about two miles southeast of Westbrook. Several mesquite trees were found to be sheared off and damaged near the top. Two power poles were found on the ground, split about six feet from the bottom. A large water trough was displaced by the tornadic inflow winds, and rolled for just over one mile.

Mitchell County

5 SE Westbrook	02	1612CST 1614CST	0.1	30	0	0	5K	0	Tornado (F1)
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A second tornado rolled a large hay baler (weighing approximately a ton) a distance of 100 feet by tornadic winds across Farm to Market Road 670, leaving numerous scar marks along the pavement. The width of this tornado was estimated to be 30 yards, with a path length of 100 yards.

Mitchell County

4 SW Westbrook	02	1616CST			0	0	0	0	Hail (2.75)
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Baseball size hail fell at a residence about four miles southwest of Westbrook. No damage was reported.

Mitchell County

4 W Colorado City	02	1617CST			0	0	1K	0	Hail (1.00)
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Penny to quarter size hail fell west of Colorado City, breaking at least one windshield.

Midland County

11 SSE Spraberry	02	1618CST			0	0	0	0	Hail (1.25)
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Quarter to half-dollar size hail fell at the intersection of Farm to Market Road 1357 and Farm to Market Road 1379 in southeastern Midland County.

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, West

Mitchell County
Colorado City 02 1618CST 0 0 10K 0 **Thunderstorm Wind (G50)**

The emergency manager in Mitchell County reported that two homes had their roofs blown off by thunderstorm associated winds. One was a mobile home that had a roof attached. It is unknown what type of house the other home was.

Mitchell County
4 W Westbrook 02 1618CST
1628CST 0 0 20K 0 **Thunderstorm Wind (G50)**

The public reported that four telephone poles were downed by thunderstorm winds west of Westbrook.

Mitchell County
9 SW Colorado City 02 1620CST
1625CST 0.1 30 0 0 15K 0 **Tornado (F1)**

A third tornado formed nine miles southwest of Colorado City along Texas Highway 163. Extensive tree and structural damage was found at a residence on the west side of the road. Several large trees were uprooted or heavily damaged. A grass seeder weighing approximately 150 pounds was carried a distance of 50 feet. Also, extensive damage to a barn and storage shed were found at the residence.

Mitchell County
7 SSE Colorado City 02 1626CST 0 0 0 0 **Hail (1.00)**

A NWS trained spotter reported pea to quarter size hail falling at Lake Champion and Texas Road 208.

Mitchell County
6 SW Colorado City 02 1626CST 0 0 0 0 **Hail (2.75)**

Baseball size hail was reported at Lake Colorado City, southwest of Colorado City.

Mitchell County
6 SW Colorado City 02 1630CST 0 0 0 0 **Hail (1.75)**

A Lake Colorado City State Park employee reported golfball size hail falling at the lake.

Mitchell County
6 SW Colorado City 02 1634CST 0 0 50K 0 **Thunderstorm Wind (G57)**

Widespread wind damage was reported at Lake Colorado City. Several trailer homes were overturned or experienced roof damage. A 25-foot tree was toppled and others were stripped of their leaves. Another resident reported that a tire was blown from the roof of their carport and loosened gutters at a neighbor's house.

Mitchell County
Colorado City 02 1637CST 0 0 0 0 **Hail (1.75)**

Mitchell County
5 S Colorado City 02 1656CST
1710CST 0 0 0 0 **Hail (4.25)**

Softball sized hail fell five miles south of Colorado City. No damage was reported.

Mitchell County
6 SSE Colorado City 02 1656CST 0 0 0 0 **Hail (1.75)**

Golfball hail fell at the intersection of Farm to Market Road 2319 and Texas Highway 208.

Mitchell County
5 S Colorado City 02 1656CST
1710CST 0 0 0 0 **Hail (2.50)**

Tennis ball size hail fell five miles south of Colorado City. No damage was reported.

Mitchell County
Colorado City to
5 W Colorado City 02 1716CST
1845CST 0 0 10K 0 **Flash Flood**

The Mitchell County Sheriff's Office reported several cars stranded by floodwaters on Interstate 20.

Mitchell County
5 S Colorado City 02 1725CST 0 0 0 0 **Hail (1.75)**

Golfball size hail fell at Champion Creek Reservoir, five miles south of Colorado City.

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, West

Mitchell County 5 SW Colorado City	02	1757CST			0	0	0	0	Hail (0.88)
Mitchell County 5 SW Colorado City	02	1757CST			0	0	15K	0	Thunderstorm Wind (G50)
Trees and power poles were downed by severe thunderstorm winds.									
Mitchell County 4 E Westbrook	02	1757CST			0	0	25K	0	Thunderstorm Wind (G57)
Several roofs and trees were damaged or downed by 65 mph thunderstorm winds, including one 25 foot tree with a three foot diameter trunk.									
Scurry County 12 NW Snyder	03	2055CST			0	0	0	0	Hail (1.75)
Nickel to golfball size hail fell on U.S. Highway 84, 12 miles northwest of Snyder.									
Scurry County 9 ESE Fluvanna to Fluvanna	03	2106CST 2120CST			0	0	0	0	Hail (1.75)
Penny to golfball size hail fell in a swath from Fluvanna to east of Fluvanna.									
Scurry County Fluvanna	03	2110CST 2120CST			0	0	0	0	Hail (1.75)
Borden County 8 NE Gail	03	2130CST			0	0	0	0	Hail (0.75)
Scurry County 4 W Snyder	03	2154CST			0	0	0	0	Hail (0.75)
Scurry County Snyder	03	2202CST			0	0	0	0	Hail (1.00)
Penny to quarter size hail fell in Snyder.									
Dawson County Lamesa	03	2205CST 2210CST			0	0	0	0	Hail (0.75)
Scurry County 1 NW Hermleigh	03	2227CST			0	0	0	0	Hail (1.75)
Borden County Gail	03	2230CST			0	0	0	0	Hail (1.00)
Scurry County 15 NW Snyder	03 04	2310CST 0050CST			0	0	0	0	Flash Flood
The Snyder Fire Department reported that all creeks in between Fluvanna and Snyder were full and several were overflowing their banks onto Farm to Market Road 612.									
Scurry County Snyder	03	2315CST			0	0	0	0	Hail (1.00)
Mitchell County Westbrook	04	0009CST 0019CST			0	0	0	0	Hail (1.00)
Marble to quarter size hail fell in Westbrook.									

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, West

Mitchell County Colorado City	04	0033CST 0040CST			0	0	0	0	Hail (1.00)
			Penny to quarter size hail fell in Colorado City.						
Gaines County 8 NW Seminole	04	1815CST			0	0	0	0	Hail (2.00)
Gaines County Seminole to 2.5 E Seminole	04	1842CST 1847CST			0	0	0	0	Hail (1.75)
			Ping-pong to golfball size hail fell from Seminole along U.S. Highway 180 to just east of Seminole.						
Gaines County 6 E Seminole	04	1854CST			0	0	0	0	Hail (2.75)
Gaines County 8 E Seminole to 13 E Seminole	04	1919CST			0	0	30K	0	Hail (2.50)
			Tennis ball size hail covered U.S. Highway 180 east of Seminole.						
Dawson County 6 N Patricia	04	2032CST			0	0	0	0	Hail (1.00)
			Marble to quarter size hail fell along Farm to Market Road 2051, six miles north of Patricia.						
Scurry County 4 W Snyder	04	2042CST			0	0	0	0	Hail (1.75)
Scurry County 4.5 W Snyder to Snyder	04	2047CST 2107CST			0	0	15M	0	Hail (2.75)
			Lime to baseball sized hail fell across Snyder for at least 15 minutes. The hail was blown sideways at times by 60 to 70 mph winds. This resulted in numerous broken windows in both buildings and vehicles, as well as damaged siding, roofs, and window air conditioning units. A damage survey was performed the following day by the National Weather Service. The most significant damage was found in an area bounded by A, E, 30th, and 37th Streets. In this area, an apartment complex sustained damage to 110 windows and numerous cars parked in its parking lot. Also in this area was a car dealership that sustained major damage to at least 140 cars. Over a million dollars in damage was estimated to have been done just to county owned buildings and vehicles, with an additional quarter of a million dollars in damage to city owned buildings and vehicles. Ten to eighteen vehicles used by the Snyder Police Department were damaged. Three of these were removed from service because of the damage sustained. Hail scouring was evident on many roads throughout Snyder.						
Martin County 10 WSW Ackerly	04	2100CST 2105CST			0	0	0	0	Hail (1.75)
			Golfball size hail fell one and a half miles southeast of the intersection of Texas Highway 137 and Farm to Market Road 2002.						
Scurry County Hermleigh	04	2105CST 2113CST			0	0	0	0	Hail (2.00)
			Pea to lime size hail fell in Hermleigh. No damage was reported.						
Howard County Big Spring to 5 S Big Spring	04	2130CST 2142CST			0	0	0	0	Hail (1.75)
			Penny size hail fell at the intersection of Interstate 20 and U.S. Highway 87. Penny to golfball size hail fell elsewhere in the city, including at the intersection of Farm to Market Road 33 and U.S. Highway 87 south of town.						
Howard County Big Spring	04	2143CST 2145CST			0	0	0	0	Hail (2.75)
			Tennis ball to baseball size hail fell in the western portions of Big Spring, near the Big Spring Correctional Center and along U.S. Highway 87.						

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, West

Howard County 3 W Forsan to Forsan	04	2145CST 2155CST			0	0	10K	0	Hail (2.50) Tennis ball size hail fell in a swath from west of Forsan along U.S. Highway 87 to Forsan. The hail broke numerous car windows in Forsan.
Howard County South Haven	04	2146CST			0	0	10K	0	Hail (2.50) Tennis ball size hail fell in South Haven damaging roofs and car windows and knocking one inch diameter tree limbs to the ground.
Howard County 5 NE Big Spring	04	2152CST			0	0	0	0	Hail (4.00) Softball size hail fell five miles northeast of Big Spring along U.S. Highway 87. No damage was reported.
Howard County Coahoma	04	2152CST			0	0	0	0	Hail (2.50) The Howard County Sheriff's Office reported that tennis ball size hail was falling in Coahoma.
Howard County Forsan	04	2201CST			0	0	0	0	Hail (1.75) Golfball size hail fell for 10 minutes and covered the ground at an NWS cooperative observer's residence.
Glasscock County 10 ESE Lees	04	2206CST			0	0	0	0	Hail (1.50) Penny to ping-pong ball size hail fell on U.S. Highway 87 east-southeast of Lees.
Mitchell County Westbrook	05	0019CST			0	0	0	0	Hail (0.75)
Mitchell County Colorado City	05	0033CST 0040CST			0	0	0	0	Hail (1.00) Penny to quarter size hail fell in Colorado City.
Gaines County Higginbotham	05	1635CST			0	0	0	0	Hail (0.88)
Scurry County 3 NW Hermleigh	05	1653CST 2153CST			0	0	0	0	Hail (1.75)
Scurry County 1 S Snyder to Snyder	05	1653CST 1700CST			0	0	0	0	Hail (1.75) A photographer with a local news station reported nickel sized hail falling on Texas Highway 350 just south of Snyder. Shortly after this report was made, multiple reports of golfball hail also were reported in Snyder.
Gaines County 2 NW Seminole to Seminole	05	1702CST			0	0	250K	0	Hail (2.75) Baseball size hail fell in a swath from northwest of Seminole on Texas Highway 214 to Seminole, breaking numerous car and building windows.
Gaines County Seminole	05	1710CST 1713CST			0	0	0	0	Hail (2.00) Quarter to lime size hail fell in Seminole.
Gaines County 5 E Seminole	05	1715CST			0	0	0	0	Hail (2.75) Baseball size hail fell at the intersection of U.S. Highway 180 and Farm to Market Road 1429.

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, West

Gaines County

2 E Seminole

05 1724CST 0 0 0 0 Hail (2.75)

Tennis ball to baseball sized hail fell along U.S. Highway 180 east of Seminole.

Gaines County

8 E Seminole

05 1740CST 0 0 0 0 Hail (4.00)

Trained spotters reported three to four inch hail east of Seminole on U.S. Highway 180.

Terrell County

30 NNE Sanderson

05 1740CST 0 0 0 0 Hail (2.50)

Penny to tennis ball size hail fell in northwestern Terrell county.

Gaines County

15 ESE Seminole to
8.5 SE Seminole

05 1818CST 0.1 50 0 0 0 0 Tornado (F0)
1820CST

Trained spotters observed a brief tornado touchdown east-southeast of Seminole near the Fairview community.

Gaines County

23 ESE Seminole

05 1825CST 0.1 50 0 0 0 0 Tornado (F0)
1827CST

During the late afternoon of Friday, May 5, thunderstorms developed over Lea County, New Mexico and moved northeast into portions of Gaines County. Around 5:21 pm, a thunderstorm intensified just southwest of the community of Higginbotham and began to exhibit supercellular characteristics as the storm began to move eastward then east southeastward at around 20 mph.

As the cyclic supercell thunderstorm moved east southeast, it continued to intensify, producing golf ball to baseball hail in the northern and eastern portions of the city of Seminole. A weak and brief tornado was photographed between 7:25 and 7:27 pm over rural areas of southeast Gaines County. Due to the limited road network in southeast Gaines County, the damage survey failed to reveal any damage in southeast Gaines County.

Dawson County

5 WNW Patricia

05 1832CST 0 0 0 0 Hail (1.75)

Marble to golfball size hail fell west-northwest of Patricia.

Martin County

14 NNW Tarzan

05 1846CST 0 0 0 0 Hail (4.00)

Softball size hail fell at the intersection of Texas Highway 349 and Martin County Road D2651.

Martin County

12 NNW Tarzan

05 1900CST 6.1 250 0 0 0 0 Tornado (F2)
1914CST

A tornado developed in Martin County in open fields north of County Road D4800 and east of County Road D2651. Based on spotter reports, the tornado was visible at 8:02 pm CDT just south of CR D4800 and west of Farm to Market Road 829 (FM 829), south-southeast of Patricia. According to spotter reports, it took on a stove-pipe like shape and continued to move to the east-southeast along FM 829. A few minutes later, the tornado pulled an oil pump jack and well head from the ground. The pump jack was estimated to weigh about 35,000 pounds by an oil company representative. The well head was anchored in the ground by an additional 35,000 pounds of weight from pipe below the ground. Southward along FM 829, four power poles were snapped four to five feet above ground and an additional six poles farther south were blown over to the east due to rear flank downdraft winds. Another couple of minutes later, an oil heater treater weighing approximately 12,000 pounds was blown over. The damage survey team classified the damage that occurred between 8:02pm CDT and 8:07pm CDT, when the oil heater treater was blown over, as F2 intensity damage. After blowing over the oil heater, the tornado became rain-wrapped and crossed County Road 4600, just west of County Road D3401. Five power poles were knocked down on County Road D3401. Based on information received from both spotters and chasers, the tornado dissipated at 8:14pm CDT, just west of Texas Highway 137. During the remainder of the tornado's path, it remained mainly over open country. The damage survey team calculated the width of the tornado to be 130 yards near the end of its life. However, the track was estimated to be between 200 and 300 yards during earlier stages of its life. The path length was calculated to be just over six miles long.

Storm Data and Unusual Weather Phenomena

May 2006

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

Additions/Corrections

TEXAS, West

Martin County 11 NW Tarzan	05	1902CST 1905CST	1	50	0	0	0	0	Tornado (F0)
Just east of Texas Highway 349, nine miles southwest of Patricia, an anticyclonic tornado developed in view of chasers and spotters. Based on the location of the tornado in relation to the supercell, indications are that this tornado developed on the south flank of the rear flank downdraft.									
Martin County 11 N Lenorah	05	1918CST			0	0	0	0	Hail (0.88)
Nickel hail fell on Texas Highway 137 north of Lenorah.									
Terrell County 30 NE Dryden to 29 NE Dryden	05	1918CST			0	0	0	0	Hail (4.25)
Golfball to softball size hail fell just north of the Terrell Gas Plant.									
Martin County 3 ESE Flower Grove	05	1921CST 1927CST	0.5	50	0	0	0	0	Tornado (F0)
The supercell thunderstorm produced another weaker tornado just before 8:30pm CDT. This tornado is believed to have traveled over open country before dissipating east-southeast of the community of Flower Grove.									
Martin County 7 NE Lenorah	05	1942CST			0	0	0	0	Hail (1.00)
Dawson County 1 S Patricia	05	2000CST			0	0	0	0	Hail (1.00)
Dawson County 6 N Patricia	05	2032CST			0	0	0	0	Hail (1.00)
Marble to quarter size hail fell six miles north of Patricia.									
Martin County 1 SE Flower Grove	05	2105CST			0	0	0	0	Hail (1.75)
Howard County 8 NW Big Spring	05	2134CST			0	0	0	0	Hail (0.88)
Nickel size hail fell at the intersection of U.S. Highway 87 and Farm to Market Road 1584.									
Howard County 4 NE Big Spring	05	2150CST			0	0	0	0	Hail (1.00)
Pea to quarter size hail fell at the intersection of Texas Highway 350 and Old Colorado City Highway.									
Howard County Coahoma	05	2206CST			0	0	0	0	Hail (0.88)
Pecos County 2 NW Ft Stockton	26	1800CST			0	0	0	0	Thunderstorm Wind (G51)
The Automated Surface Observing System at Fort Stockton (KFST) recorded a wind gust of 59 mph.									
Scurry County Snyder	29	2037CST 2050CST			0	0	0	0	Hail (1.00)
Penny to quarter size hail fell in Snyder.									
Howard County 5 W Big Spring to 1 S Big Spring	29	2110CST 2118CST			0	0	0	0	Hail (1.00)
Nickel to quarter size hail was reported in a swath from west of Big Spring to Big Spring.									

Storm Data and Unusual Weather Phenomena

May 2006

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

TEXAS, West

Glasscock County

Lees	29	2200CST			0	0	1K	0	Thunderstorm Wind (G50)
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A NWS cooperative observer reported many limbs broken off trees at her property as well as some tin that was blown off her barn roof.

Mitchell County

Westbrook	29	2220CST			0	0	0	0	Hail (0.88)
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Glasscock County

Garden City	29	2235CST			0	0	0	0	Hail (0.75)
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Glasscock County

2 W Garden City	29	2313CST			0	0	0	0	Flash Flood
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A broadcast meteorologist reported that Texas Highway 158 just west of Garden City was impassable due to flash flooding.

30 0130CST

Reference Notes:

Storm Data Disclosure

Storm Data is an official publication of the National Oceanic and Atmospheric Administration (NOAA) which documents the occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce. In addition, it is a partial record of other significant meteorological events, such as record maximum or minimum temperatures or precipitation that occurs in connection with another event.

Some of the information appearing in Storm Data may have been provided by or gathered from sources outside the National Weather Service (NWS), such as the media, law enforcement and/or other government agencies, private companies, individuals, etc. An effort is made to use the best available information, but because of time and resource constraints, information from these sources may be unverified by the NWS. Therefore, when using information from Storm Data, customers should be cautious as the NWS does not guarantee the accuracy or validity of the information. Further, when it is apparent information appearing in Storm Data originated from a source outside the National Weather Service (frequently credit is provided), Storm Data customers requiring additional information should contact that source directly. In most cases, NWS employees will not have the knowledge to respond to such requests. In cases of legal proceedings, under Department of Commerce regulations and/or rules of the court, NWS employees are not legally obligated to provide written or verbal testimony.

Fatality Codes: For events that include a fatality, there is a code containing the gender, age and fatality location at the end of the event narrative.

1st letter: Gender (M/F) – 2nd numbers: Age – 3rd letters Fatality location (see table below)

Example: M51IW – Male, 51 years of age, fatality occurred In Water.

Fatality Location Abbreviations:

BF	Ball Field	MH	Mobile Home
BO	Boating	OT	Other
BU	Business	OU	Outside/Open Areas
CA	Camping	PH	Permanent Home
EQ	Heavy Equipment/Construction	SC	School
GF	Golfing	TE	Telephone
IW	In Water	UT	Under Tree
LS	Long Span Roof	VE	Vehicle

List of Acronyms:

NWS	- National Weather Service
NOAA	- National Oceanic and Atmospheric Administration
WCM	- Warning Coordination Meteorologist – The meteorologist at each NWS Office responsible for reporting severe weather events
LST	- Local Standard Time Storm Data attempts to always use “Standard Time”
EST	- Eastern Standard Time
EDT	- Eastern Daylight Time

CST - Central Standard Time
CDT - Central Daylight Time
PST - Pacific Standard Time
PDT - Pacific Daylight Time

Other Notes:

An “Episode” is an entire storm system and can contain many different types of events.

An “Event” is an individual type of storm event.

When listing wind speed values under “Character of Storm”, ex. High Wind (G81), the G indicates a “Gust” which is a peak 5-second averaged wind speed in Knots (kts). 1 kt. = 1.152 mph. This number can be either E (estimated) by damage caused, or M (measured) by known calibrated anemometers. Ex. (M61) = measured 61 knots or E(75) = estimated at 75 knots.

All wind speeds listed are estimated by NWS personnel by the amount and type of damage unless otherwise noted with an “M” which represents an actual wind speed as measured by official NWS approved anemometer.

When listing hail size under “Character of Storm”, ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The fatalities, injuries, and damage amounts appearing in tropical cyclone events are attributed only to wind damage experienced in the coastal counties/parishes listed. Other tropical cyclone related events such as tornadoes and flooding are listed within their separate event types.

The Saffir-Simpson Scale

Category One Hurricane:

Winds 74-95 mph (64-82 kt or 119-153 kph). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

Category Two Hurricane:

Winds 96-110 mph (83-95 kt or 154-177 kph). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

Category Three Hurricane:

Winds 111-130 mph (96-113 kt or 178-209 kph). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required.

Category Four Hurricane:

Winds 131-155 mph (114-135 kt or 210-249 kph). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

Category Five Hurricane:

Winds greater than 155 mph (135 kt or 249 kph). Storm surge generally greater than 18 ft above normal. Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required.

The Fujita Scale

F-Scale	Intensity	Wind Speed (mph)	Typical Damage (Suggested)
F0	Gale Tornado	40 - 72	Tree branches broken, chimneys damaged, shallow-rooted trees pushed over; sign boards damaged or destroyed, outbuildings and sheds destroyed
F1	Moderate	73 - 112	Roof surfaces peeled off, mobile homes pushed off foundations or overturned, moving autos pushed off the roads, garages may be destroyed. Category 1-2 hurricane wind speed
F2	Significant	113 - 157	Roofs blown off frame houses; mobile homes rolled and/or destroyed, train boxcars pushed over; large trees snapped or uprooted; airborne debris can cause damage. Category 3-4 hurricane wind speed
F3	Severe	158 - 206	Roofs and walls torn off well constructed houses; trains overturned; large trees uprooted, can knock down entire forest of trees. Category 5 hurricane wind speed
F4	Devastating	207 - 260	Well-constructed frame houses leveled; structures with weak foundations blown off some distance; automobiles thrown, large airborne objects can cause significant damage.
F5	Incredible	261 - 318	Brick, stone and cinderblock buildings destroyed, most debris is carried away by tornadic winds, large and heavy objects can be hurled in excess of 100 meters, trees debarked, asphalt peeled off of roads, steel reinforced concrete structures badly damaged.
F6	Inconceivable	319 - 379	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the damage produced by F4 and F5 wind speeds that would surround the F6 winds.



Typical F0 Tornado Damage

Note the trees are stripped of leaves, but the trees remain standing. Only light roof damage and a few missing shingles.



Typical F1 Tornado Damage

Note the uprooted trees and missing shingles from the roof. There is significant roof damage.



Typical F2 Tornado Damage

This home is missing its entire roof but the exterior walls remain intact. Some of the stronger hardwood trees remain standing.



Typical F3 Tornado Damage

This home is missing the entire roof as well as some of the exterior walls. Trees are blown over or snapped near the base and outbuildings are destroyed.



Typical F4 Tornado Damage

This home is almost completely obliterated, with no walls standing. The debris from the home is where the house once stood.



Typical F5 Tornado Damage

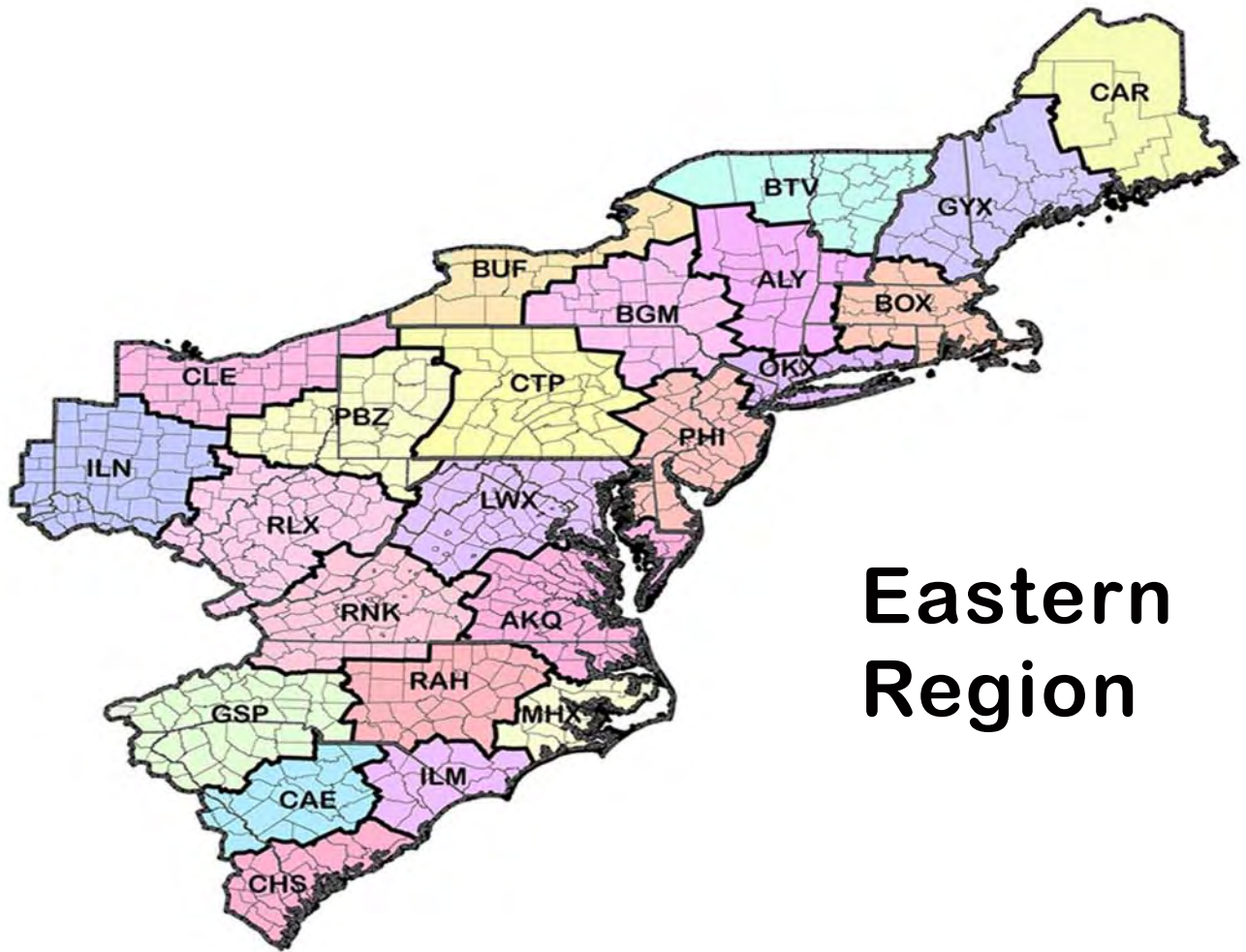
These homes have been completely removed from their original locations. The debris field has been scattered some distance from their foundation.



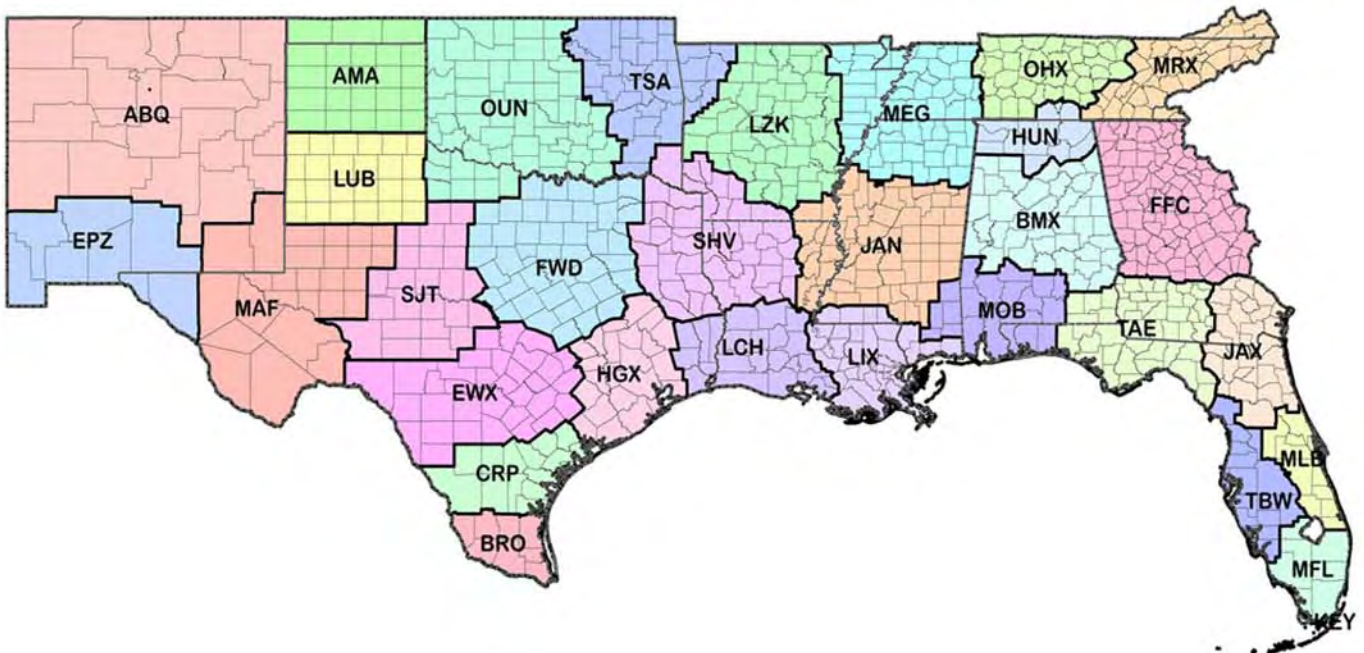
Typical F5 Tornado Damage

The asphalt surface has been peeled off of this road.

(All photographs courtesy of Brian Smith, Meteorologist, National Weather Service, Valley NE.)



Eastern Region

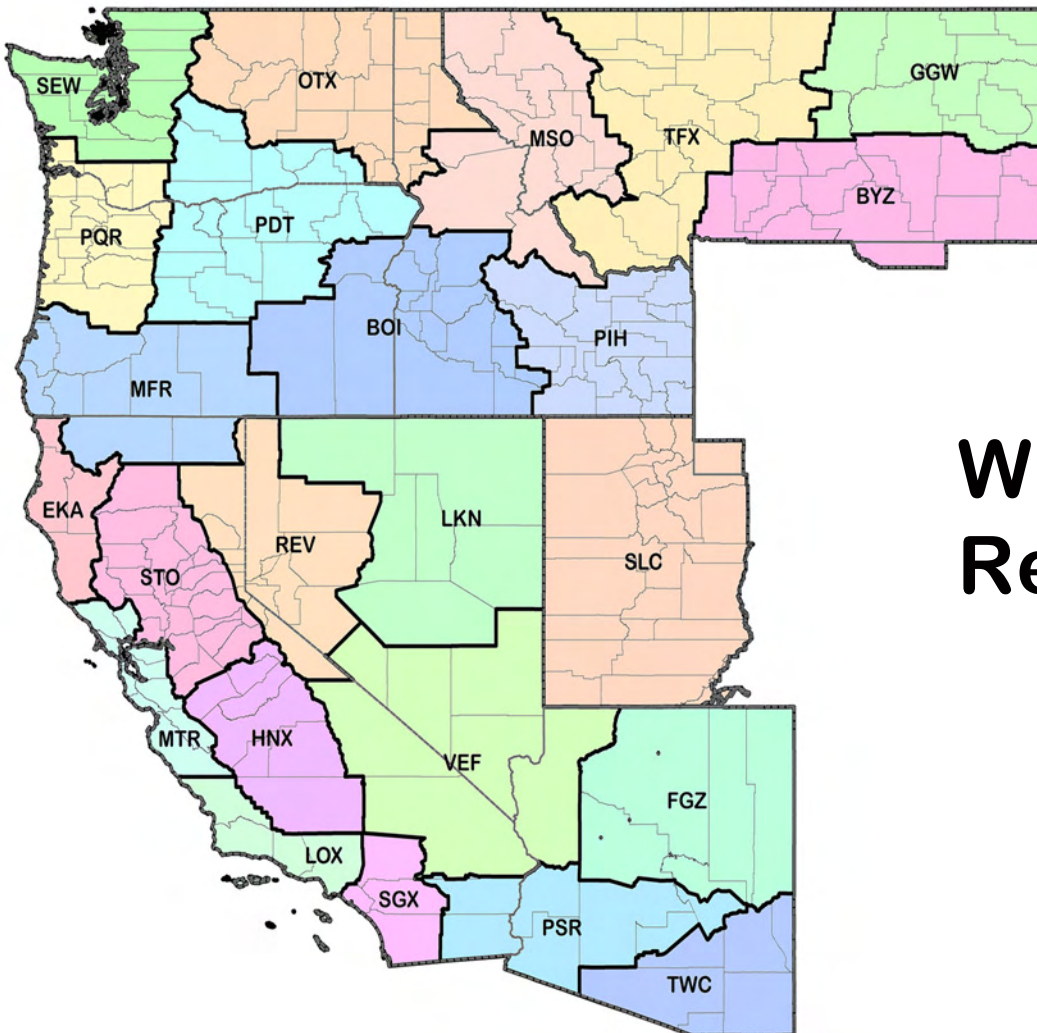
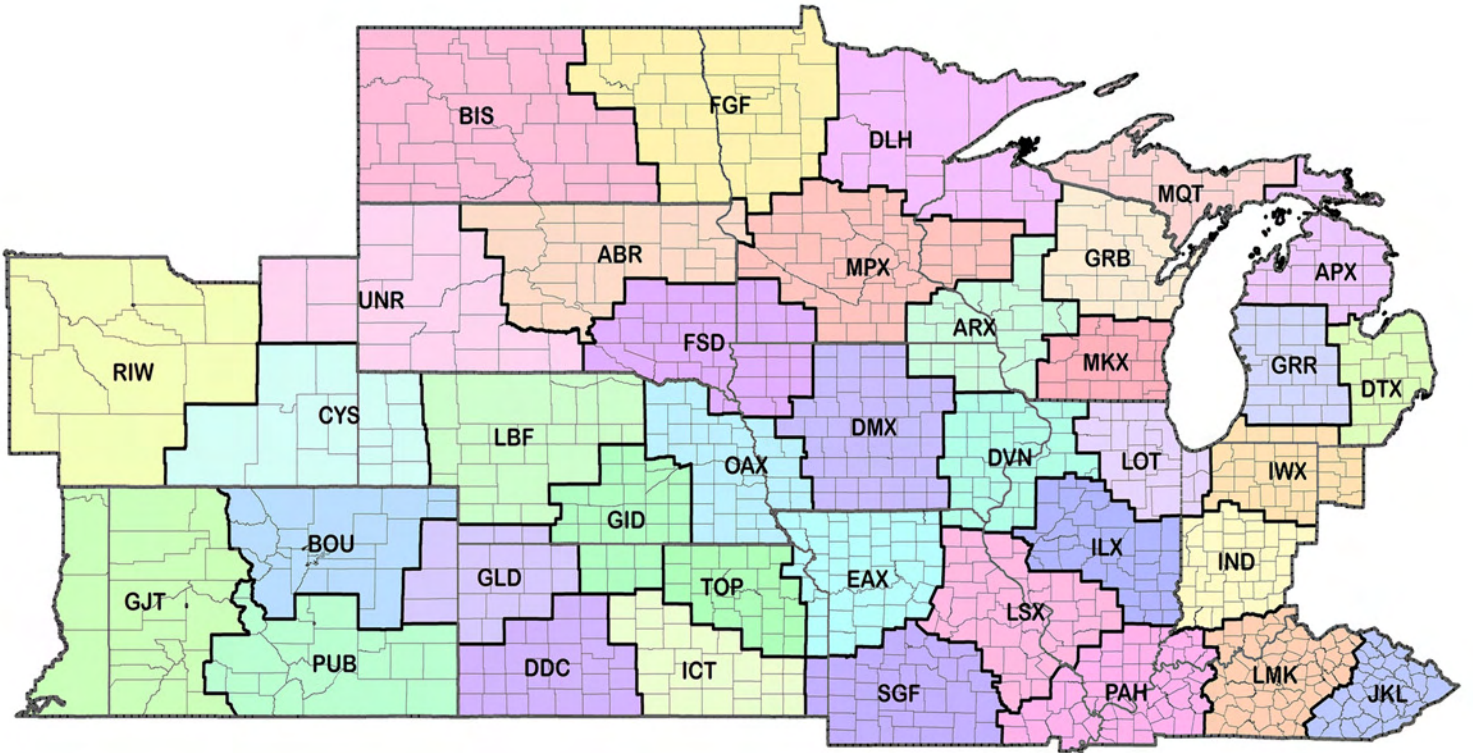


Southern Region



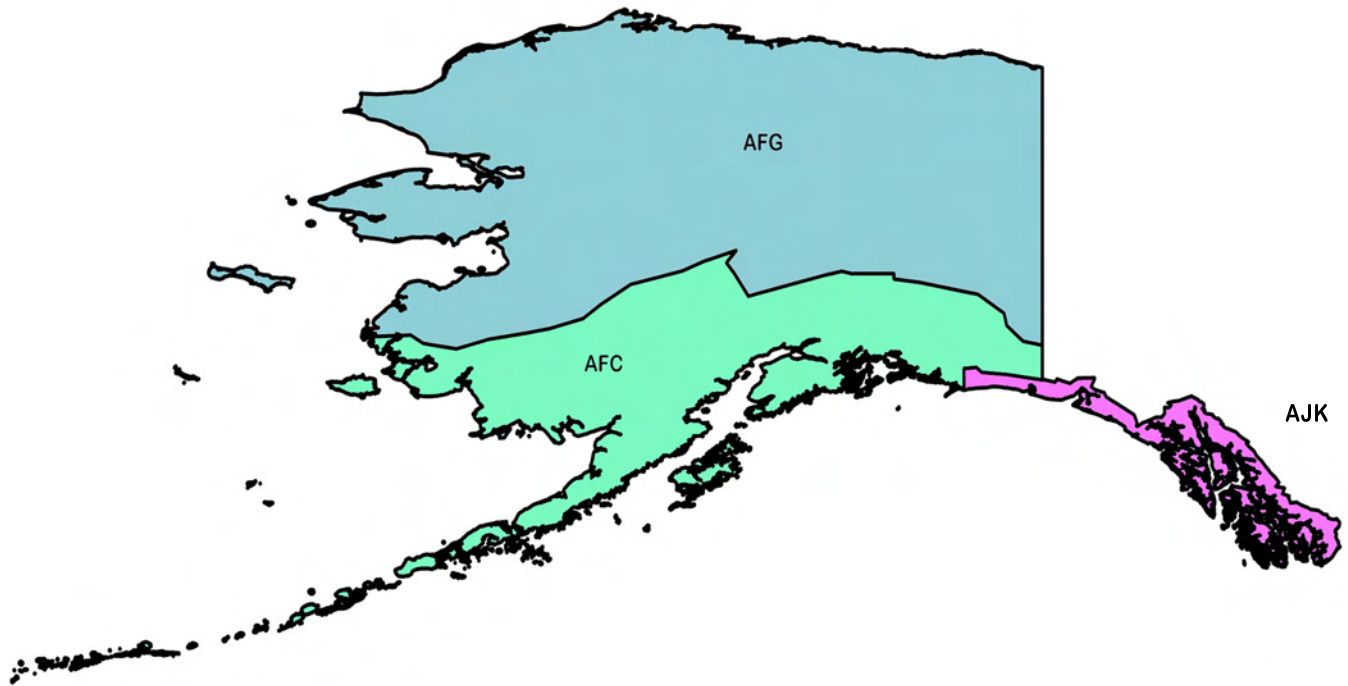
Puerto Rico

Central Region



Western Region

Alaska Region



Pacific Region



American Samoa



Hawaiian Islands

Hawaii

Agrigan

Wake Island

Northern Marianas

- Saipan
- Tinian
- Rota
- Agana, Guam

Enewetak

Yap Island

Marshall Islands

Koror, Palau

Chuuk/Truk

Pohnpei/Ponape

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Caroline Islands

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