

JULY 1995
VOLUME 37
NUMBER 7

STORM DATA

AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS



noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE / NATIONAL CLIMATIC DATA CENTER ASHEVILLE, N.C.

Cover: A very strong thunderstorm wind (derecho) struck northern Minnesota on the morning of July 14. The wind severely damaged the area's timber resources. This mobile home equipped with tie downs in Floodwood was also blown over. The mobile home was used for storage only. See page 5 for additional information. (*Photo courtesy: Carol Christenson, WCM, WSO Duluth, Minnesota.*)

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

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

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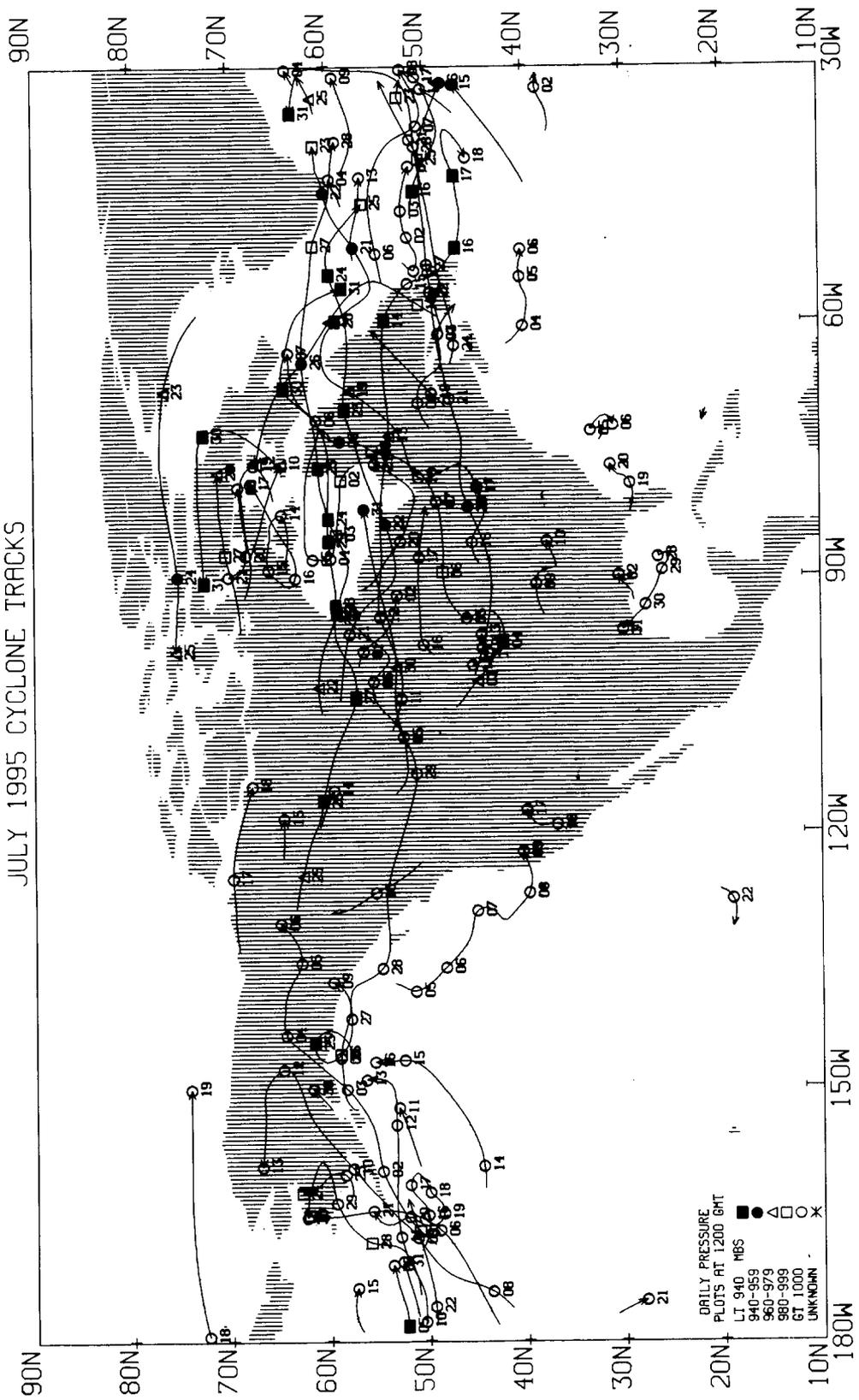
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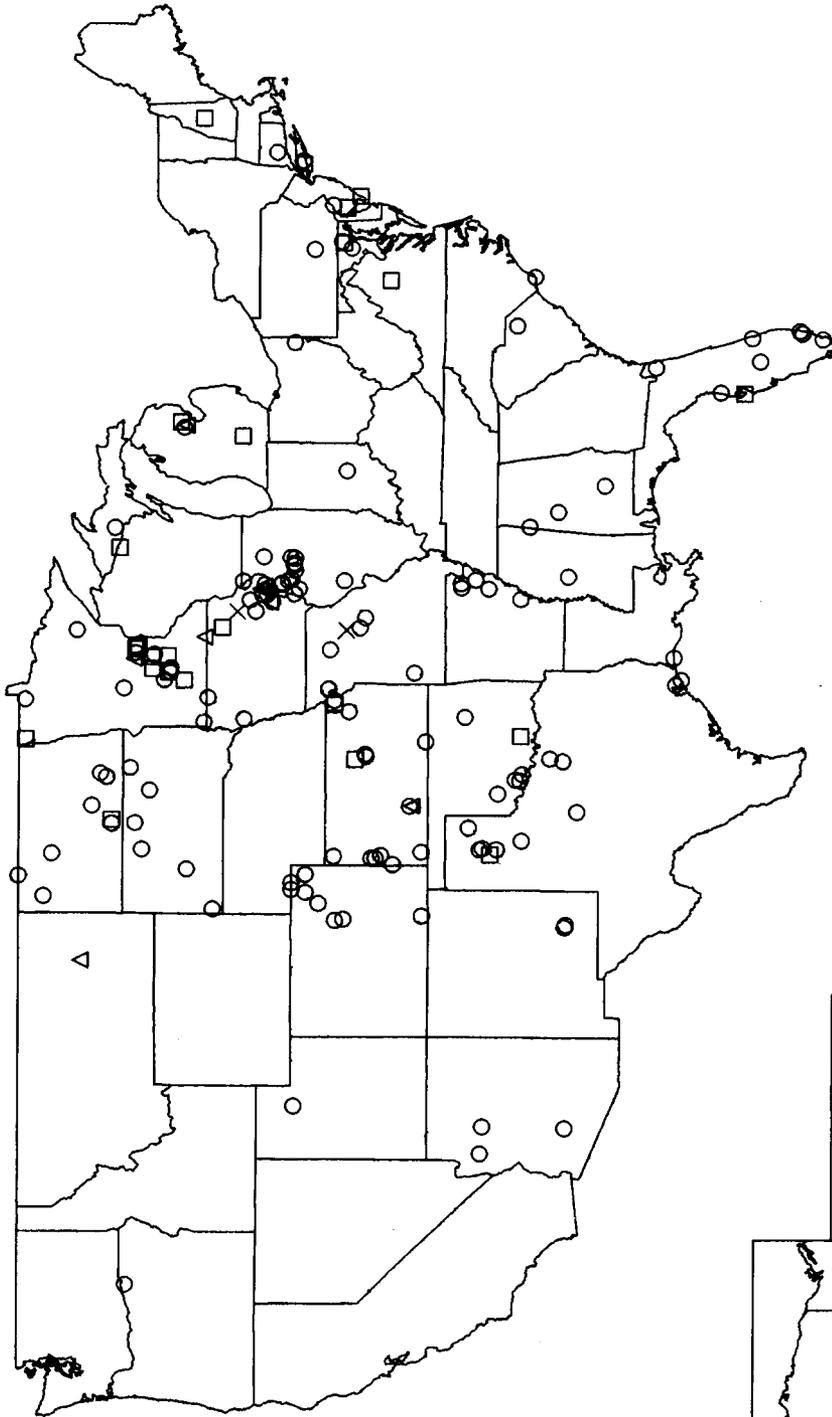


Director,
National Climatic Data Center

JULY 1995 CYCLONE TRACKS

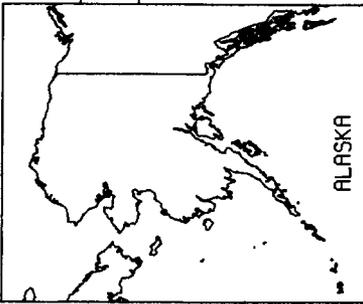


JULY 1995 CONFIRMED TORNADES

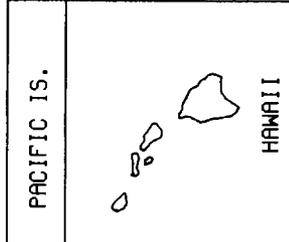


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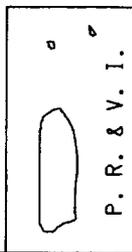


ALASKA



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HAWAII



P. R. & V. I.

OUTSTANDING STORMS OF THE MONTH

1. DERECHOS STRIKE NORTHERN MINNESOTA

Derechos, a widespread, convectively induced windstorm, struck northern Minnesota on three consecutive mornings of July 12 through July 14. The high winds devastated the area's timber resources. Damage also occurred to homes, cars, and power lines. An estimated 200,000 acres of timber or about 6.5 million trees of at least 35 feet tall were broken off, tipped or blown over. Minnesota's Department of Natural Resources estimated a loss of \$22.5 million to the downed and damaged trees.



Above: An aerial view of a blown down area west of Leech Lake in northern Minnesota. **Right:** Uprooted stand of trees near Floodwood on the morning of July 14. **Below:** A tree fell on the corner of this house near Floodwood also on July 14.

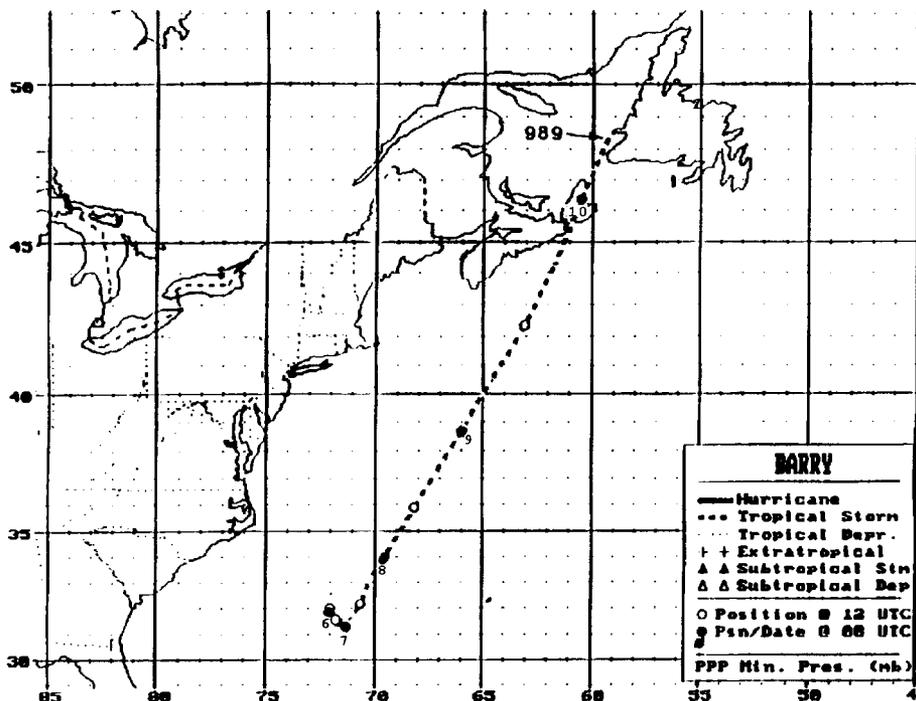


Photo courtesy, top(left): Bill Befort, Minnesota Department of Natural Resources/ Division of Forestry, Resource Assessment Unit; photo provided by Carol Christenson, WCM, WSO Duluth, Minnesota. All others courtesy of Carol Christenson.

2. TROPICAL STORMS IN THE ATLANTIC OCEAN BASIN

A. TROPICAL STORM BARRY: JULY 5 - 10

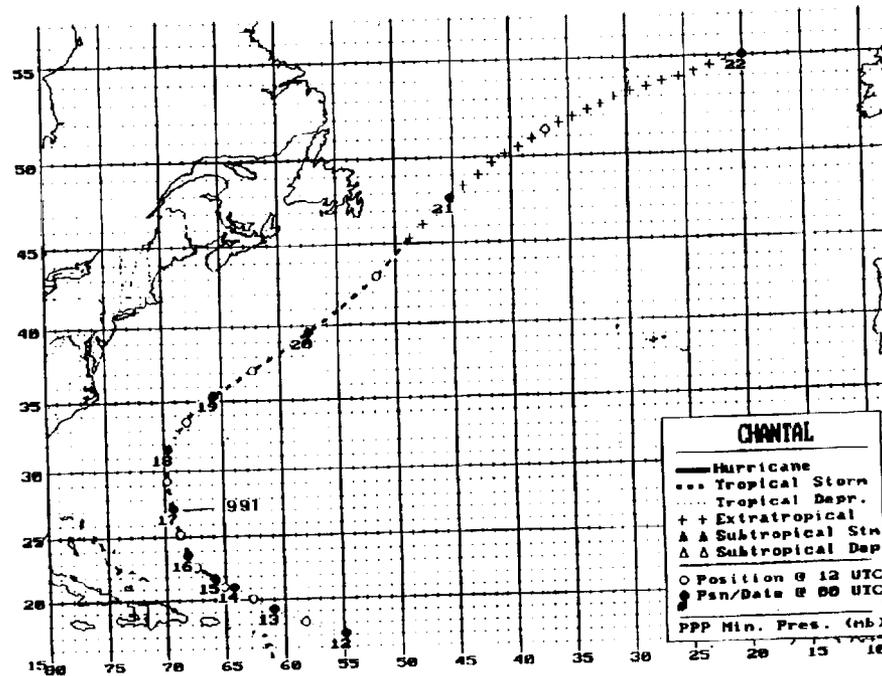
A weak 1019 millibar (mb) frontal low existed midway between Bermuda and the South Carolina coast at 0600 UTC (minus 4 hours for EDT) on July 5. Maximum sustained winds (one-minute average) were 10 to 20 knots. The frontal low transformed into Tropical Depression Two at 1800 UTC on July 6. Circulation became better defined and the depression intensified into Tropical Storm Barry at 0600 UTC on July 7. Barry began moving north-northeast at 10 knots and then began accelerating in advance of a large amplitude trough moving eastward over the eastern United States. Convection within Barry began to weaken due to its passage over cooler water and gradually lost tropical characteristics. Barry crossed the eastern tip of Nova Scotia about 2130 UTC on July 9 as a tropical storm and became extratropical near the western coast of Newfoundland after 0600 UTC on July 10. The weakening extratropical cyclone moved to the southeast coast of Labrador before losing its identity.



Map courtesy of National Hurricane Center.

B. TROPICAL STORM CHANTAL: JULY 13 - 22

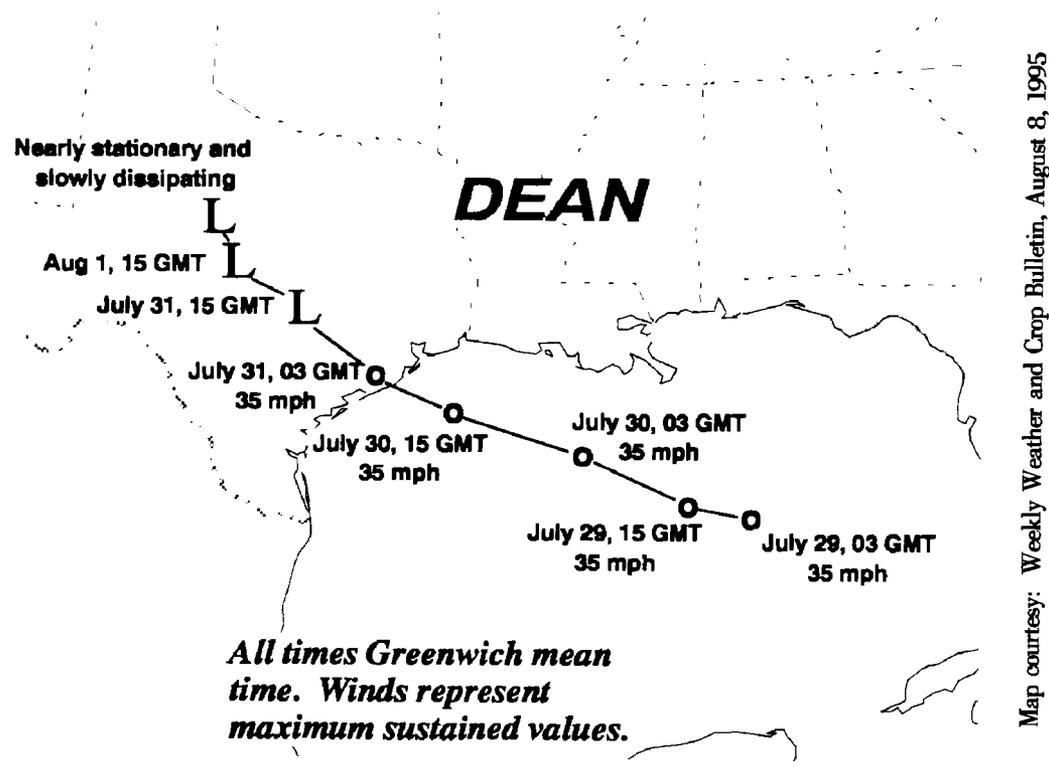
A tropical wave moved westward from the west coast of Africa on July 5 and quickly showed signs of a low level cloud circulation. On the 12th, the wave was upgraded to Tropical Depression Three while located a few hundred miles east of the Lesser Antilles. Despite an unfavorable strong upper level wind pattern, the depression intensified into Tropical Storm Chantal on July 14 while located at 200 nautical miles north-northeast of Puerto Rico. On the 15th, Chantal threatened the southeast and central Bahamas as it moved west north-westward, however Chantal then curved toward the north on the 16th and 17th and did not affect the Bahamas. The storm moved northward between Bermuda and the United States mid-Atlantic coast on the 17th. Later, Chantal turned northeast and accelerated across the North Atlantic shipping lanes where it became extratropical east of Newfoundland on July 20. Chantal's overall path traced the western periphery of the Atlantic subtropical high pressure system.



Map courtesy of National Hurricane Center

C. TROPICAL STORM DEAN: JULY 28 - AUGUST 3

On July 27, a weak cyclonic circulation with surface pressure falls of 2.5 millibars (0.73 inches) in 24 hours was indicated by buoy reports in the eastern Gulf of Mexico while at the upper-levels of the atmosphere, a broad quasi-stationary trough extended from the northeastern Gulf of Mexico through Florida. Based on satellite and surface data, Tropical Depression Four formed about 300 nautical miles southeast of New Orleans at 1800 GMT (minus 5 hours for CDT) on July 28. The depression moved slowly toward the west-northwest around a well-established high pressure ridge over the central United States. After some intensification, the depression became Tropical Storm Dean at 1800 GMT on July 30 about 60 nautical miles from the Texas coast. The center of Dean crossed the coast near Freeport, Texas a few hours later. Two tornadoes briefly touched down causing minor damage as Dean made landfall. Dean weakened to a tropical depression after landfall and continued on a northwestward track through Texas. The depression became nearly stationary for about 24 to 36 hours over the northwest portion of the state producing heavy rainfall. Monroe City, Texas recorded 16.78 inches, and over 14 inches of rainfall was recorded near Vernon, Texas. Dean dissipated at 0000 GMT on August 3 as it merged with a frontal zone. There were no reports of injuries or deaths associated with Dean. However, rainfall caused \$500,000 in damage.



Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Dale County									
Ozark	01	1830CST			0	0	0	0	Thunderstorm Winds
									Spotters reported large trees down across the road along Highway 27 between Enterprise and Ozark.
Montgomery County									
Montgomery	03	1256CST			?	?	?	?	Thunderstorm Wind (G82)
Montgomery	03	1317CST			?	?	4K	0	Thunderstorm Wind
									Wind equipment at Maxwell Air Force Base recorded a wind gust to 94 mph. Numerous trees were reported down in the Arrowhead area of north and northeast Montgomery.
Elmore County									
Tallasse	03	1340CST			?	?	3K	0	Thunderstorm Winds
									Trees and power lines were reported down by state troopers near Tallasse.
Tallapoosa County									
Camp Hill	03	1355CST			?	?	3K	0	Thunderstorm Wind
									Trees and power lines were reported down by state troopers in the Camp Hill area of southeast Tallapoosa County.
Monroe County									
Tunnel Springs	03	1400CST			0	1	0	0	Lightning
									A 10-year-old male was struck by lightning while going into his home to get out of an approaching storm. Lightning struck a tree and jumped to him. The lightning knocked his shoes off. He was probably struck by the first cloud to ground lightning strike from the storm. The time was estimated.
Barbour County									
Texasville	03	1515CST			?	?	?	?	Hail (1.00)
									Dime to quarter-size hail was reported through the Eufaula Police Department in the Texasville area of south-central Barbour County.
Jefferson County									
Homewood	03	1611CST			?	?	?	?	Hail (0.75)
Hoover	03	1611CST			?	?	2K	0	Hail (1.00) Thunderstorm Winds
Pinson	03	1638CST-			?	?	?	?	Hail (1.75)
		1645CST			?	?	?	?	Three-quarters inch hail was reported at Oxmoor Valley Golf Club in Homewood. One inch hail was reported in the Trar Crossings area of Hoover just south of Interstate 459. Three to four trees were also reported down in Hoover. Dime to golf ball-size hail was reported in Pinson lasting about seven minutes.
Morgan County									
Danville	03	1615CST			?	?	5K	0	Thunderstorm Winds
Danville	03	1615CST			?	?	20K	0	Lightning
									Numerous trees and power lines were reported down along Forrest Chapel Road in Danville. Lightning also struck a house causing a fire.
Hartselle	03	1630CST			?	?	5K	0	Thunderstorm Winds
									Large trees and some power lines were downed along Highway 36 west of Hartselle.
Oak Ridge	03	1630CST			?	?	45K	0	Thunderstorm Wind
									Large trees were reported down in the Neel and Oak Ridge area of Morgan County. In the Oak Ridge area, one tree fell on two pick-up trucks. Trees were reported blocking five roads in the area, and one tree fell on a mobile home.
Limestone County									
Mooreville	03	1635CST			?	?	5K	0	Thunderstorm Winds
									Numerous large trees were down just south of Mooreville.
Greenbrier	03	1640CST			?	?	5K	0	Thunderstorm Winds
									Large trees were reported down in Greenbrier along with power outages.
Madison County									
Huntsville	03	1647CST			?	?	42K	0	Thunderstorm Winds (G56)
									At the Huntsville International Airport, the National Weather Service recorded a wind gust to 64 mph. Five cars and two airplanes were damaged, and several buildings at the airport sustained minor damage.
Madison	03	1700CST			?	?	8K	0	Thunderstorm Winds
									Numerous trees and power lines were reported down in Madison. Ten utility poles were blown down near the Jetport Switching Station in Madison near Hughes Road and Alabama Highway 20. About 21,000 electric customers were without power at one point.
Huntsville	03	1715CST			?	?	.2M	0	Lightning
									Lightning struck the Willow Pointe Condominiums destroying four units and damaging four others. The fire apparently did not start for several hours after the lightning strike occurred.
Shelby County									
5 NE Pelham	04	1345CST			?	?	2K	0	Thunderstorm Winds
									Several trees were reported down in the Indian Springs area about five miles northeast of Pelham in northern Shelby County.
Blount County									
	04	1510CST			?	?	5K	0	Lightning
									Lightning struck an above ground ethanol tank causing a fire.

ALABAMA, North Central Cont'd

St. Clair County									
7 NE Ragland	04	1510CST			3	4	23K	0	Thunderstorm Winds (G40)
									A strong wind gust with a thunderstorm collapsed a boat house under construction killing three people and injuring four others who had sought shelter. Eight people boating on Neely Henry Lake sought shelter in a partially completed boat house on the

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
					Killed	Injured		
St. Clair shore of the lake. The people were injured and killed when the boat house roof collapsed during the wind gust. (F29O, F06O, M04O)								
Etowah County Gadsden	04	1535CST			?	?	22K 0	Thunderstorm Winds (G65)
Etowah County Emergency Management Agency reported a wind gust to 75 miles an hour on their wind measuring equipment. One building reportedly lost a roof, and trees were downed in scattered locations across the county.								
Tuscaloosa County Tuscaloosa 15 NW Tuscaloosa	04	1555CST	0.5	50	?	?	?	Tornado (F0)
	04	1620CST			?	?	?	Funnel Cloud
A tornado was reported by the Tuscaloosa Fire Department in the Elrod/Echola area of Tuscaloosa. One tree was blown down. Tuscaloosa County Sheriff's Department reported a funnel cloud in the Brownville area about 15 miles northwest of Tuscaloosa.								
Blount County Summit 6NE Oneonta	04	1605CST			?	?	22K 0	Thunderstorm Winds
	04	1630CST			?	?	5K 0	Thunderstorm Winds
A mobile home was damaged and a tree was blown onto a house in northern Blount County around Summit. Trees and power lines were down along Highway 132 between Oneonta and Altoona.								
Marshall County Guntersville, Union Grove, and Arab	04	1615CST			?	?	8K 0	Thunderstorm Winds
Numerous large trees and power lines were reported down in the Guntersville, Union Grove, and Arab areas of Marshall County. The area affected was primarily the central and southwest section of the county.								
Jackson County Dutton, Section 4 NE Stevenson	04	1630CST			?	?	2K 0	Thunderstorm Winds Hail (0.88)
	04	1647CST			?	?	3K 0	Thunderstorm Winds
Trees were down and nickel-size hail was reported at Dutton in southeast Jackson County and Section. Large trees and power lines were reported down between Stevenson and Bridgeport. Several large trees blocked a road in Stevenson.								
Montgomery County Montgomery	04	1830CST			?	?	?	Funnel Cloud
A funnel cloud was observed over northeast Montgomery.								
Elmore County Tallassee	04	1900CST			?	?	?	Thunderstorm Winds
Trees were reported down by thunderstorm wind near Tallassee.								
Limestone County Athens	04	1945CST			?	?	7K 0	Lightning
Lightning struck a workshop causing a fire that caused minor damage.								
Marion County 8 SW Hamilton Hamilton Brilliant Whitehouse	04	2005CST			?	?	3K 0	Thunderstorm Winds
	04	2010CST			?	?	?	Hail (0.75)
	04	2015CST			?	?	3K 0	Thunderstorm Winds
	04	2020CST			?	?	?	Funnel Cloud
About ten trees were reported down along Highway 10 in the southwest part of Marion County. Hail about the size of dimes was reported in Hamilton. Several trees were down on Highway 44 between Twin and Brilliant. A funnel cloud was reported near Whitehouse about 15 miles east of Hamilton.								
Lamar County 6 E Detroit	04	2012CST	0.5	80	?	?	?	Tornado (F0)
A tornado was reported at Henson Springs in northern Lamar County. The tornado occurred in the open with no damage reported.								
Winston County Haleyville Double Springs	04	2045CST			?	?	?	Hail (0.75)
	04	2105CST			?	?	5K 0	Thunderstorm Winds
Three-quarter inch hail was reported at Haleyville. Power lines and several trees were downed in the Double Springs area.								
Lawrence County 3 N Moulton 8 E Moulton Hatton	04	2104CST			?	?	?	Funnel Cloud
	04	2119CST			?	?	?	Funnel Cloud
	04	2124CST			?	?	2K 0	Thunderstorm Winds
Funnel clouds were observed about three miles north of Moulton and just north of Speake, about eight miles east of Moulton. Large trees were reported down in Hatton, northwest of Moulton.								
Limestone County 3 S Athens	04	2150CST			?	?	?	Funnel Cloud
A funnel cloud was reported three miles south of Athens near Interstate 65.								
ALABAMA, North Central Cont'd								
Walker County Townley	05	1715CST			?	?	85K 0	Thunderstorm Winds
Thunderstorm wind downed trees and damaged the roof on the volunteer fire department building in Townley. A chute sustained minor damage and the bleachers at the Townley School were blown over. One house behind the post office had five trees fall on it. Funnel clouds were reported in many places in and around the Jasper area, however, there was no evidence that any of them had touched down.								
Cullman County 5 E Cullman 1 NE Providence	05	1820CST			?	?	15K 0	Lightning
	05	1825CST			?	?	25K 0	Thunderstorm Winds
Lightning struck a barn east of Cullman setting it on fire. One house sustained roof and awning damage in the Providence community of extreme northeast Cullman County on County Road 1437. A chicken house in the same area also sustained roof								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
									damage.
Dallas County Selma	08	1345CST			?	?	8K	0	Thunderstorm Winds Several trees were blown down with damage reported to several roofs of homes.
Wilcox County Camden	08	1405CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down in and around Camden.
Choctaw County Gilbertown	08	1416CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down around Gilbertown.
Monroe County Beatrice	08	1440CST			0	0	1.5K	0	Thunderstorm Winds Several trees and power lines were blown down in Beatrice.
Excel	08	1500CST			0	0	1K	0	Thunderstorm Winds A church under construction was damaged by high winds.
Clarke and Washington Counties	08	1435CST- 1500CST	0	0	2.5K	0			Thunderstorm Winds Trees and power lines were blown down by high winds throughout both Washington and Clarke counties. Most of the damage was three or four trees along with power lines blown down at a time in different parts of the counties.
Conecuh County Evergreen Burnt Corn	08	1500CST- 1530CST	0	0	2K	0			Thunderstorm Winds Trees and power lines were blown down around Burnt Corn and also in the city of Evergreen.
Mobile County Citronelle	08	1514CST			0	0	1.5K	0	Thunderstorm Winds Trees and power lines were blown down around the city of Citronelle.
Escambia County Atmore	08	1549CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down in Atmore.
Mobile County Semmes	08	1606CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down along Howells Ferry and Havens roads just southwest of Semmes.
Baldwin County Silverhill	08	1645CST			0	0	.5K	0	Thunderstorm Winds Trees were blown down in Silverhill. EMA estimated wind speed of 60 mph.
Mobile County Mobile	08	1705CST			0	0	2K	0	Thunderstorm Winds High winds damaged a roof of a Pizza Hut on Dauphin Island Parkway. Several large tree limbs were also blown down.
Fayette County Fayette	09	0750CST			?	?	3K	0	Thunderstorm Winds Winds blew down several trees in wind gusts estimated around 60 mph by an off-duty National Weather Service employee. Power was reported out across much of the city of Fayette. The Sheriff's Department reported trees down over the western part of the county to the west of Fayette.
Tuscaloosa County Samantha	09	0809CST			?	?	?	?	Hail (0.88) Nickel-size hail was reported at Samantha.
Sumter County Livingston	09	1044CST- 1050CST			?	?	?	?	Hail (1.00) Hail that varied from pea to quarter-size fell for several minutes at Livingston.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central Cont'd									
Marengo County									
Myrtlewood	09	1140CST			?	?	5K	0	Thunderstorm Winds
2 SW Sweetwater	09	1200CST			?	?	4K	0	Thunderstorm Winds
10 SW Linden	09	1200CST			?	?	?	?	Hail (0.75)
	Trees were reported down on Highway 69 at Myrtlewood. Dime-size hail was reported at Half Acre 10 miles southwest of Linden. Trees were reported down half way between Nanafalia and Dixons Mill near Sweetwater.								
Wilcox County									
Coy	09	1205CST			0	0	1K	0	Thunderstorm Winds
	Several trees were blown down across the highway near Coy.								
Clarke County									
Jackson	09	1230CST			0	0	1K	0	Thunderstorm Winds
	Several trees were blown down around the city of Jackson.								
Monroe County									
Excel									
Fountain									
Mexia	09	1215CST			0	0	2.5K	0	Thunderstorm Winds
	Several trees were blown down in Fountain, Mexia and Excel.								
Monroe County									
Monroeville	09	1215CST			0	0	0	0	Hail (0.75)
Sumter County									
York	09	1230CST			?	?	?	?	Hail (0.75)
	Dime-size hail was reported in York.								
Mobile County									
Mt. Vernon	09	1440CST			0	0	1K	0	Thunderstorm Winds
	Several trees were blown down along Highway 43.								
Citronelle									
	09	1445CST			0	0	0	0	Hail (0.75)
	Dime-size hail was reported around Citronelle.								
Baldwin County									
Stockton	09	1445CST			0	0	1K	0	Thunderstorm Wins
	Several trees were blown across Highway 225 in Stockton.								
Mobile County									
Fort Gaines	09	1530CST			1	1	0	0	Lightning
	Lightning struck two males at a boat ramp. The two were securing their boat to get out of an approaching thunderstorm. A flash knocked the two down, killing the 36-year-old. The other male tried to revive him, but was unable to do so. They were likely struck by the first lightning bolt from the storm. (M36OU)								
Mobile County									
Mobile Bay	09	1600CST	2	20	0	0	1K	0	Waterspout
	A waterspout moved down Mobile Bay, tipping over sailboats and other pleasure crafts. No injuries were reported and the waterspout dissipated over the bay.								
Cherokee County									
Northern Part	09	1610CST			?	?	5K	15K	Thunderstorm Winds, Hail (0.75) Lightning
	Thunderstorm wind downed trees across the northern part of Cherokee County. Hail also damaged some crops in the same area. The Mt. Bethel Baptist Church was struck by lightning.								
Baldwin County									
Orange Beach	09	1625CST			0	0	0.5K	0	Thunderstorm Winds
	A line of thunderstorms moved offshore south of Orange Beach and the Coast Guard had 25 to 30 boater assistance calls within a matter of minutes. Some of the boats turned over but no one was injured. The Coast Guard estimated wind speeds of 55 to 65 MPH.								
Henry County									
Headland	09	1630CST			?	?	2K	0	Thunderstorm Winds
Headland	09	1630CST			?	?	65K	?	Lightning
	Thunderstorm wind downed trees and power lines in Headland according to the Emergency Management Agency. A house was also struck by lightning causing significant damage in a resulting fire.								
Houston County									
5 SSW Ashford	09	1700CST			?	?	5K	0	Thunderstorm Winds Hail
	Pea-size hail covered the ground, and wind downed trees and power lines in the area between Ashford and Cottonwood according to emergency management.								
Pickens County									
3 W Ethelsville	09	1800CST			?	?	?	?	Hail (0.75)
	Hail the size of dimes was reported three miles west of Ethelsville in extreme western Pickens County.								
Fayette County									
Fayette	09	1830CST			?	?	18K	0	Thunderstorm Winds
	Fayette police reported trees down in Fayette, one large tree fell on a laundromat on the south side of Fayette.								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North Central Cont'd									
Tuscaloosa County 2 N Samantha	09	1915CST			?	?	3K	0	Thunderstorm Winds
	Emergency management reported trees down across Highway 43 just north of Samantha.								
Sumter County Epes	09	1926CST			?	?	?	?	Hail (0.75)
	Hail was reported at Epes. Several trees were also reported down in the area.								
Baldwin County Fairhope, Silverhill Foley, Robertsdale	10	0410CST-							
	10	0445CST			0	0	4K	0	Thunderstorm Winds
	Several trees were blown down by persistent thunderstorms in south central part of the county.								
Baldwin County Fairhope	10	0514CST			0	0	10K	0	Lightning
	Lightning struck a vintage 1920's frame house in Fairhope. The home suffered minimal damage.								
Montgomery County 12 SW Montgomery	11	1815CST			?	?	5K	0	Thunderstorm Winds
Lowndes County 9 E Hayneville	11	1815CST			?	?	3K	0	Thunderstorm Winds
	A swath of trees were reported down on the Lowndes/Montgomery County line along Interstate 65.								
Baldwin County Mobile Bay	12	1345CST			0	0	1.5K	0	Thunderstorm Winds
	Power poles and power lines were blown down near the Tensaw River east of causeway bridge. A citizen reported a white wall of water.								
Baldwin County Foley	12	1420CST			0	0	0.5K	0	Thunderstorm Winds
	A roof and canopy were peeled back from the front of a building by the wind in Foley.								
Mobile County Mobile	12	1425CST			0	0	0	0	Thunderstorm Winds
	A wind gust of 60 mph was measured just south of downtown Mobile near Bender Shipyard which is just south of Interstate 10 Wallace Tunnel.								
Walker County Sumiton	12	1705CST			?	?	12K	0	Thunderstorm Winds
	Trees were downed and roof damage was reported at Sumiton in eastern Walker County.								
Choctaw County Hodgewood	12	1815CST			0	0	1K	0	Thunderstorm Winds
	Several trees were blown down 1.5 miles north of Hodgewood. Power outages were also reported in Barrytown.								
Tuscaloosa County Moundville	13	1615CST			?	?	6K	0	Thunderstorm Winds
Hale County Moundville	13	1615CST			?	?	2K	0	Thunderstorm Winds
	Trees were reported down at Moundville State Park on the north side of Moundville in Tuscaloosa County and on the west side of Moundville in Hale County.								
Pickens County 13 S Gordo	13	1715CST-							
	13	1725CST			?	?	8K	0	Thunderstorm Winds
4 N Aliceville	13	1724CST			?	?	?	?	Hail (1.75)
	Several trees were reported down in eastern Pickens County about 13 miles south of Gordo. Golf ball-size hail was reported four miles north of Aliceville.								
Fayette County Berry	13	1725CST			?	?	4K	0	Thunderstorm Winds
	Trees were reported down in Berry in southeast Fayette County.								
Lamar County Millport	13	1845CST			?	?	4K	0	Thunderstorm Winds
Crossville	13	1910CST			?	?	?	?	Hail (1.75)
Vernon	13	1915CST			?	?	?	?	Hail (0.75)
Sulligent	13	1945CST-							
	13	2005CST			?	?	45K	0	Thunderstorm Winds
	Trees were reported down between Fernbank and Millport in southern Lamar County. Half dollar to golf ball-size hail along with smaller hail was reported at Crossville in eastern Lamar County. Dime-size hail was reported at Vernon. Trees were downed in Sulligent including at least one that fell onto a mobile home. Several trees fell on cars on Mulberry Road south of Sulligent and about three-fourths of the city was without power at one time.								
Mobile County Mobile	13	2242CST			0	0	1K	0	Thunderstorm Winds
	Several trees were blown down across Bonnie Lane. The road was blocked for several hours.								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North Central Cont'd									
Marshall County									
Boaz	15	1321CST			?	?	25K	0	Lightning
Boaz	15	1349CST			?	?	8K	0	Lightning
									Lightning was responsible for starting two fires, one at a business and one at a home. Damaged was fairly significant in the fire at the retail rug store and minor at the residence.
Madison County									
Gurley	15	1502CST			?	?	?	?	Hail (1.75)
									Golf ball-size hail was reported in Gurley in east-central Madison County.
Morgan County									
7 WNW Hartselle	15	1600CST			?	?	4K	0	Thunderstorm Winds
									Large trees and power lines were downed by thunderstorm wind in the western section of Morgan County around Neel.
Lawrence County									
Courtland	15	1646CST			?	?	6K	0	Thunderstorm Winds Hail (0.75)
									Large trees were downed and hail the size of dimes was reported.
Houston County									
Dothan	16	1430CST			?	?	30K	0	Thunderstorm Winds
									Dothan State Police reported two houses with roof damage in the southeast corner of the city of Dothan. Trees, power lines, and wooden fences were also reported downed by the wind.
Calhoun County									
Anniston	16	1550CST			?	?	85K	0	Thunderstorm Winds Lightning
									Thunderstorm wind downed trees in Anniston including one that fell on two cars and one that fell on a house causing substantial damage. Lightning also struck one house causing a fire.
Lee County									
Salem	16	1755CST			?	?	2K	0	Thunderstorm Winds
									Several trees were reported across a road near Salem in the eastern part of Lee County.
Montgomery									
1 E Ramer	17	1255CST			?	?	2K	0	Thunderstorm Winds
									Power lines and trees were downed by the wind just east of Ramer.
Butler County									
Foster Flats	17	1305CST	.1	20	0	0	1K	0	Tornado F0
									The public reported a tornado briefly touched down and damaged a building in the Foster Flats area about eight miles east of Greenville. A train like roar was heard. Reported by a television station.
Sumter County									
Emelle	17	1500CST			2	0	0	0	Lightning
									Two people were killed while hitchhiking along Alabama 17 near Emelle. The people, a man and a woman, had sought shelter from the pouring rain under a tree when the lightning struck. (M32UT, (F42UT))
Colbert County									
6 SE Tuscumbia	17	1700CST			?	?	15K	0	Thunderstorm Winds
									The Spring Valley Volunteer Fire Department reported wind damage to their fire station roof.
Lawrence County									
Wheeler	17	1705CST			?	?	5K	0	Thunderstorm Winds
									Trees were reported down at Mallard Creek northeast of Wheeler.
Elmore County									
Wetumpka	17	1725CST			?	?	7K	0	Thunderstorm Winds
									Trees and power lines were reported down in and around Wetumpka.
Franklin County									
Phil Campbell	17	1900CST			?	1	0	0	Lightning
									A 48-year-old man was injured when lightning came in on the telephone line while he was talking on the telephone.
Covington County									
Red Level	18	1745CST- 1800CST			?	?	5K	0	Thunderstorm Winds
									Emergency management reported numerous trees down just south of Red Level along Highway 107. A mobile home was also destroyed when wind ripped off the roof. Another mobile home was damaged when a large limb fell on it.
Elmore County									
3 S Wetumpka	18	1800CST			?	?	4K	0	Thunderstorm Winds
									Power lines and small trees were reported down just south of Wetumpka.
Montgomery County									
Montgomery	18	1820CST			?	?	18K	0	Thunderstorm Winds
									A tree was blown down by thunderstorm wind and fell on a mobile home.
Escambia County									
Brewton	18	1840CST			0	0	1K	0	Thunderstorm Winds
Flomaton	18	1845CST			0	0	3K	0	Thunderstorm Winds
									Several trees were blown down along Appleton road in Brewton. Several trees were also blown down along Highway B between Brewton and Flomaton. One of the trees was blown down on a house in Flomaton.

vALABAMA, North Central Cont'd

Wilcox County									
10 WNW Camden	18	1930CST			?	?	5K	0	Thunderstorm Winds
									Numerous trees up to a foot in diameter were downed along Highway 162 in the western part of Wilcox County.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Mobile County Mobile	19	1412CST-1430CST			0	0	12K	0	Lightning
As thunderstorms moved through Mobile, lightning struck three homes and a shed. At the first home, lightning struck a tree and also a garage. The garage was completely destroyed. At the second home, lightning struck the air conditioning unit and set the attic on fire. At the third home, lightning struck the electrical panel and caused some damage. The last lightning strike was to a shed, which was completely destroyed.									
Henry County 4 S Abbeville	19	1505CST			?	?	4K	0	Thunderstorm Winds
A large oak tree, three to four feet in diameter, was blown down across Alabama 95 near Abbeville closing the road for two hours.									
Montgomery County Montgomery	21	aftn			1	?	?	?	Heat
A 72-year-old woman was found dead in her apartment. (F72PH)									
Mobile County 3 SE Grand Bay	21	1356CST			?	?	45K	0	Lightning
Lightning struck a house located between Grand Bay and Bayou La Batre causing a fire that did significant damage.									
Cullman County Cullman	21	1530CST			?	?	3K	0	Lightning
Lightning struck the Cullman County Library causing a small fire that damaged the air conditioning system. Telephones and computer systems were also knocked out of commission.									
Coffee County 8 S Enterprise	21	1715CST			?	?	1K	0	Lightning
Lightning struck a house on Alabama 27 damaging the electrical system but not causing a fire.									
Cullman County Cullman	21	1720CST-			?	?	45K	0	Flash Flood
Cullman	21	1845CST-1738CST			?	?	4K	0	Thunderstorm Winds
Numerous trees were blown down in the city of Cullman. Torrential rain with between four and six inches falling in three hours forced the evacuation of several families from the Homewood Trailer Park and closed U. S. Highway 31 on the south side of Cullman. Waters had receded by 2000 CDT.									
Morgan County	21	1725CST			?	?	15K	0	Thunderstorm Winds
Trees were reported down in scattered locations across the county.									
Morgan County Trinity	24	1434CST			?	?	?	?	Hail (0.75)
Dime-size hail was reported at Trinity immediately west of Decatur.									
Danville	24	1437CST			?	?	?	?	Hail (0.50)
One-half inch hail was reported at Danville.									
Decatur	24	1443CST			?	?	?	?	Hail (1.75)
Golf ball-size hail was reported just southwest of Decatur.									
Decatur	24	1500CST			?	?	?	?	Thunderstorm Winds
A large tree was blown down across a mobile home and a telephone pole was snapped off along Highway 20 in Decatur.									
Montgomery County Montgomery	24	1730CST			1	?	?	?	Heat
A 43-year-old homeless man was found dead from heat stroke. He was on the floor of an abandoned house where little air circulation was available. (M43PH)									
Madison County Toney	24	1746CST			?	?	5K	0	Thunderstorm Winds
Large trees were blown down in Toney.									
Huntsville	24	1810CST			?	?	45K	0	Thunderstorm Winds
Thunderstorm wind downed a large tree in Huntsville that fell on three cars.									
Pickens County Benevola	25	1930CST			?	?	4K	0	Thunderstorm Winds
Power lines and trees were reported down in Benevola about 10 miles east of Aliceville.									
Tuscaloosa County Tuscaloosa	25	2000CST			?	?	15K	0	Thunderstorm Winds
A portion of the roof of a building at Sheldon State Community College sustained damage during a thunderstorm.									
11 W Tuscaloosa	25	aftn			?	?	10K	?	Lightning
Lightning struck a tree killing 17 cows standing under it in the Buhl area about 11 miles west of Tuscaloosa.									
ALABAMA, North Central Cont'd									
Lauderdale County 5 E Waterloo	25	2020CST			?	?	4K	0	Thunderstorm Winds
Large trees were down across County Road 10, five miles east of Waterloo in the extreme western part of the county.									
Franklin County Russellville	25	2055CST			?	?	5K	0	Thunderstorm Winds
Large trees were downed across Highway 24 near Russellville.									
Colbert County 3 E Muscle Shoals	25	2100CST			?	?	4K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Large trees were blown down across County Road 63 about three miles east of Muscle Shoals.									
Limestone County Elkmont	25	2208CST			?	?	4K	0	Thunderstorm Winds
	Trees were reported down along with a few power lines near Elkmont.								
Madison County Huntsville	25	2239CST			?	?	25K	?	Lightning
	Lightning struck the back of a house in northwest Huntsville causing a fire in the attic.								
Coffee County New Brocton	26	0300CST			?	?	10K	0	Lightning
	Lightning struck a power line shutting down power to about 300 customers in the New Brocton area.								
Lamar County Beaverton	26	1230CST			?	?	2K	0	Thunderstorm Winds
	A storage building was damaged and trees down at Beaverton in northeast Lamar County.								
Marion County Guin/Winfield	26	1323CST			?	?	5K	0	Thunderstorm Winds
	Trees and power lines were reported down in the Guin and Winfield area of southern Marion County.								
Fayette County Fayette Fayette	26	1323CST			?	?	3K	0	Thunderstorm Winds
	26	1330CST			?	?	5K	0	Thunderstorm Winds
	Several trees and power lines were reported down in Fayette. A number of large pine trees were reported downed in southeast sections of Fayette.								
Lauderdale County Elgin	26	1336CST			?	?	?	?	Funnel Cloud
	A funnel cloud was reported over Elgin.								
Lawrence County Caddo	26	1406CST			?	?	18K	0	Lightning
	A house fire was reported at Caddo and lightning was believed responsible for the fire.								
Limestone County 1 W Coxey	26	1410CST			?	?	?	?	Hail (0.75)
	Dime-size hail was reported at Clements about one mile west of Coxey in extreme southwest Limestone County. Strong wind was also reported with the hail.								
3 SW Caddo Caddo	26	1429CST			?	?	?	?	Funnel Cloud
	26	1431CST			?	?	2K	?	Thunderstorm Winds
	A funnel cloud was reported three miles southwest of Caddo. Large trees were blown down on Highway 327 near Caddo.								
Lauderdale County Florence	26	1430CST			?	?	4K	0	Thunderstorm Winds
	Four to five large trees were blown down at Wilson Dam according to Florence Police.								
Wheeler	26	1434CST			?	?	5K	0	Thunderstorm Winds
	Large trees were blown down near County Road 400 at Mallard Creek east of Wheeler according to emergency management.								
Morgan County 4 S Decatur 6 WNW Hartselle	26	1442CST			?	?	?	?	Funnel Cloud
	26	1508CST			?	?	5K	0	Thunderstorm Winds
	A funnel cloud was reported by a spotter over Flint City just south of Decatur. Trees were down and one house was reported with structural damage just north of Neel in extreme western Morgan County on Boys Ranch Road.								
Cullman County 4 W Cullman Cullman Holly Pond	26	1435CST			?	?	10K	0	Thunderstorm Winds
	26	1445CST			?	?	5K	0	Lightning
	26	1455CST			?	?	8K	0	Thunderstorm Winds
	Power lines and trees were knocked down by the wind west of Cullman on United States 278. Lightning struck the Cullman County courthouse damaging emergency management and law enforcement radio equipment. Wind destroyed a shed and damaged a barn at Holly Pond on County Road 91.								
Blount County Blountsville	26	1530CST			?	?	55K	0	Thunderstorm Winds (G55)
	Numerous trees were down on County Road 55, a mobile home was destroyed, and a mobile home was damaged in the area around Blountsville. A shed was also destroyed.								
ALABAMA, North Central Cont'd									
Coosa County Stuartville	26	1550CST			?	?	3K	0	Thunderstorm Winds
	Alabama State Troopers reported trees down along Highway 231 at Stuartville.								
St. Clair County 5 W Pell City	26	1628CST			?	?	4K	0	Thunderstorm Winds
	Several trees were reported down in the Chula Vista area about five miles west of Pell City.								
Dallas County Selma	26	1630CST			?	?	2K	0	Thunderstorm Winds
	Alabama State Troopers reported trees down in the southeast part of Selma near the intersection of United States 80 and Alabama 140.								
Lee County Opelika	29	1700CST			?	?	2K	0	Thunderstorm Winds
	Several trees were reported down in southern sections of Opelika.								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Mobile County Wilmer	26	1730CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down on Coleman Dairy road. One of the trees fell across a storage shed and damaged it.
Chambers County Shawmut	29	1804CST			?	?	20K	?	Lightning Lightning struck the corner of a house in Shawmut and blew bricks all over the place. The lightning also started a fire that was brought under control in 15 minutes.
Mobile County Semmes	26	1810CST			0	0	25K	0	Lightning Lightning struck a barn on Howells Ferry Road south of Semmes. The barn caught fire and was completely destroyed.
Elmore County Central section	29	1820CST			?	?	3K	0	Thunderstorm Winds Sheriff's Department reported trees down in the central part of Elmore County.
Autauga County White City	29	1900CST			?	?	5K	0	Thunderstorm Winds Power lines were reported blown down just east of White City on County Road 49.
St. Clair County 5 N Pell City	29	1950CST			?	?	3K	0	Thunderstorm Winds Trees were reported down in the area about five miles north of Pell City.
ARIZONA									
Pima County 2 N Tucson 10 N Tucson	02	1430MST			0	0	?	0	Thunderstorm Winds
	02	1657MST			0	0	?	0	Thunderstorm Winds A portion of a roof was blown off a business from a thunderstorm at 1430 MST. Another storm blew a portion of a roof off a home north of Tucson.
Maricopa County Mesa	07	1757MST			0	0	?	0	Thunderstorm Winds (G53) Thunderstorm winds knocked over trees in the east part of the city.
Pima County Three Points Coconino County 40 SW Grand Canyon	11	1655MST			0	0	0	0	Thunderstorm Winds (G52)
	11	1710MST-			0	0	0	0	Tornado
	11	1720MST	?	?	0	0	0	0	Tornado Pilot reported seeing a tornado.
Maricopa County Queen Creek	11	2015MST			0	0	?	0	Thunderstorm Winds (G56) Winds from a thunderstorm on the far eastern fringes of the metro Phoenix area blew down a block wall and a satellite dish, and also caused damage to a mobile home.
Pinal County Apache Junction	11	2015MST			0	0	?	0	Thunderstorm Winds Winds associated with the same storm activity as the above entry blew a roof off of a house and damaged a mobile home.
Pima County 20 N Tucson	12	1700MST			0	0	0	0	Flash Flood Water two feet deep flowed in dry washes and water across roads made them impassable to motorists.
Maricopa County Chandler Mesa	12	1955MST			0	0	?	0	Thunderstorm Winds
	12	2000MST			0	0	?	0	Thunderstorm Winds Thunderstorm winds in Chandler uprooted or downed several 15 to 40-foot trees, partially unroofed a home, and solar panels were ripped off some homes. In Mesa, winds associated with the same storm blew down power lines.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARIZONA, Cont'd									
Apache County									
St. John's	13	1120MST			0	0	0	0	Thunderstorm Winds (G62)
Coconino County									
15 S Tusayon	13	1230MST			0	0	0	0	Funnel Cloud
Mohave County									
15 E Kingman	13	1405MST			0	0	0	0	Flash Flood
20 NE Kingman	13	1430MST			0	0	0	0	Flash Flood
20 NE Kingman	13	1430MST-							
	13	1445MST	?	?	0	0	0	0	Tornado (F0)
Heavy rain associated with strong thunderstorms in the Valley Vista area lead to street and highway flooding. Water was reported running over a bridge in Hackberry at 1430 MST, and water three feet deep was on a highway five miles southeast of Hackberry. A small tornado was reported to have briefly touched down over open country south of Hackberry and Valentine between 1430 and 1445 MST.									
Maricopa County									
Gila Bend	14	1340MST-							
	14	1345MST	?	?	0	0	0	0	Tornado (F0)
A flight service employee reported that a funnel cloud briefly touched the ground as a tornado in open country south of Gila Bend.									
Maricopa County									
Wickenburg	14	1805MST			0	0	0	0	Flash Flood
A storm spotter in Wickenburg reported 1.15 inches of rain in one-half hour associated with persistent strong storms in the area. There was some flooding of roads. At 1830 MST, the same spotter reported rainfall of 1.9 inches in an hour with washes running full.									
Santa Cruz County									
Amado	14	1850MST			0	0	?	0	Flash Flood
Water overflowed washes in Amado.									
Coconino County									
Page	17	1330MST			0	2	0	0	Lightning
Lightning struck two people, seriously injuring one person and inflicting minor injuries to the second.									
Coconino County									
5 S Page	18	1140MST			0	0	0	0	Funnel Cloud
AZZ001-002-003-004-005-006-007-008-009-010	28	ALL			0	0	0	0	Extreme Heat
An unseasonably strong high pressure system centered northwest New Mexico was responsible for one of the hottest days ever in Arizona. Several cities throughout Arizona reached or exceeded all-time high temperatures. Several reports of air conditioners conking out in the Phoenix Valley area, crippled by the oppressive heat.									
Maricopa County									
Litchfield Park	28	2050MST			0	0	?	0	Thunderstorm Winds
Mesa	28	2220MST			0	0	0	0	Thunderstorm Winds (G50)
Mesa	28	2305MST			0	0	?	0	Thunderstorm Winds
Phoenix	28	2315MST			0	0	?	0	Thunderstorm Winds
Scottsdale	28	2330MST			0	0	98K	0	Thunderstorm Winds
Strong microburst winds from a high-based thunderstorm moved through the Litchfield Park area around 2050 MST. A spotter in Litchfield Park reported roof and tree damage. At the Wigwam Resort, a palm tree and tennis court lights were blown over. At 2305 MST, a store window in Mesa was blown out by microburst winds. Thunderstorm winds up to 70 mph were reported in northwest Phoenix which blew off roofing material, and downed trees and power lines. A high school gymnasium in Scottsdale sustained roof damage from microburst winds which will cost around \$98,000 to repair.									
Pima County									
6 NW Tucson	30	1411MST			0	0	0	0	Thunderstorm Winds (G52)
Marana	30	1445MST			0	24	70K	0	Dust Storm
A thunderstorm rapidly developed north of Tucson on the west side of the Santa Catalina mountains. The storm produced a 60 mph wind gust and one-half inch hail just northwest of Tucson. It proceeded northwest with a downburst occurring near Interstate 10 at the Marana exit. The downburst winds estimated at 60 mph caused near zero visibility in blowing dust and sand. Three separate accidents on both sides of Interstate 10 involved 21 cars, injured 24 people and caused about \$70,000 in property damage. All damage was to vehicles on Interstate 10.									
Pima County									
Ajo	30	1730MST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds knocked down power lines near Ajo.									
ARKANSAS, Central and North Central									
Dallas County									
7 N Fordyce	03	0515CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds caused roof damage to a building.									
Montgomery County									
5 SW Mount Ida	03	0740CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds downed some large tree limbs.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central, Cont'd									
Garland County									
5 NE Crystal Springs	03	0825CST			0	0	0	0	Hail (1.00)
5 NE Crystal Springs	03	0825CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds blew down some trees.
Franklin County									
Wiederkehr Village	03	0840CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds downed several trees.
Johnson County									
3 S Hunt	03	0850CST			0	0	0	0	Hail (0.75)
Van Buren County Alread	03	1020CST			0	0	?	0	Thunderstorm Winds Several large tree limbs were knocked down.
White County									
Bald Knob	03	1620CST			0	0	0	0	Hail (1.00)
Bald Knob	03	1625CST- 1830CST			0	0	?	0	Flash Flood Heavy rains resulted in flash flooding in parts of Bald Knob. Several streets were under water for a period of time.
Union County									
Parkers Chapel	03	1713CST			0	0	0	0	Hail (0.75)
Parkers Chapel	03	1717CST			0	0	0	0	Hail (1.75)
Columbia County									
Magnolia	03	1755CST			0	0	0	0	Hail (0.75)
Magnolia	03	1755CST			0	0	?	0	Thunderstorm Winds Several large tree limbs were blown down.
Independence County									
Bethesda	03	1830CST			0	0	0	0	Hail (0.75)
Desha County McGehee	04	1225CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds damaged the roofs of two storage buildings and two homes in McGehee.
Boone County									
Omaha	04	1959CST			0	0	?	0	Thunderstorm Winds (G61) Thunderstorm winds knocked down trees and power lines.
Newton County									
Ponca	04	2013CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds downed some large tree limbs.
Marion County									
10 E Yellville	04	2025CST			0	0	?	0	Thunderstorm Winds (G52) Thunderstorm winds blew down trees and power lines.
Baxter County									
Lakeview	04	2105CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds blew a boat dock into a retaining wall at Lakeview.
Johnson County									
2 SE Clarksville	04	2125CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds knocked down a power pole and power line.
Lamar									
	04	2145CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds blew the roof off a large metal building, destroyed a farm shed and knocked down trees around Lamar.
Searcy County									
Marshall	04	2130CST			0	0	?	0	Thunderstorm Winds The steel framework of a building under construction was blown down at the county airport in Marshall.
Logan County									
Booneville	04	2130CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds downed trees and power lines.
Polk County									
Yocana	04	2130CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds knocked down some trees and caused structural damage to several buildings.
Scott County									
Waldron	04	2145CST			0	0	?	0	Thunderstorm Winds Thunderstorm winds knocked down some trees.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central, Cont'd									
Stone County									
4 E Mountain View	04	2156CST			?	?	?	?	Funnel Cloud
		A funnel cloud was observed by law enforcement officials.							
Mountain View	04	2215CST			0	0	0	0	Hail (0.75)
Mountain View	04	2215CST			0	0	0	0	Thunderstorm Winds (G52)
Perry County									
Casa	04	2215CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed a few trees.							
Perryville	04	2235CST			0	0	?	0	Thunderstorm Winds
		Some trees were blown down.							
Yell County									
Danville	04	2220CST			0	0	?	0	Thunderstorm Winds
		Several trees were knocked down.							
Plainview	04	2230CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed some trees.							
Montgomery County									
2 N Joplin	04	2220CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds damaged some boat docks.							
1 SW Pencil Bluff	04	2225CST			0	0	?	0	Thunderstorm Winds
		Some trees were blown down.							
Pope County									
Hector	04	2230CST			0	0	0	0	Hail (0.88)
Conway County									
Oppelo	04	2235CST			0	0	?	0	Thunderstorm Winds
		Several trees were blown down.							
Garland County									
Hot Springs	04	2235CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed some trees in the western part of Hot Springs.							
1 W Hot Springs	04	2255CST			0	0	?	0	Thunderstorm Winds
		Some trees were blown down.							
Faulkner County									
Greenbrier	04	2235CST			0	0	?	0	Thunderstorm Winds
		Some trees were knocked down.							
Greenbrier	04	2245CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds damaged several homes which resulted in gas leaks. Numerous trees and power lines were also blown down.							
Van Buren County									
Clinton	04	2250CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed some trees onto power lines.							
Cleburne County									
10 SE Heber Springs	04	2300CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds knocked down some trees onto houses.							
Saline County									
1 NW Benton	04	2300CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed some trees.							
Pulaski County									
Morgan	04	2300CST			0	0	?	0	Thunderstorm Winds
		A few trees were knocked down.							
Macon	04	2310CST			0	0	0	0	Hail (0.75)
Little Rock	04	2310CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds downed some trees.							
White County									
Searcy	04	2315CST			0	0	?	0	Thunderstorm Winds
		Thunderstorm winds blew down trees and power lines.							
Independence County									
Oil Trough	04	2325CST			0	0	0	0	Thunderstorm Winds (G67)
South Side	04	2330CST			0	0	?	0	Lightning
		Lightning struck the roof of a house which resulted in a fire. The fire was quickly extinguished and damage was confined to the roof and attic area of the house.							
Lonoke County									
Ward	04	2337CST			0	0	?	0	Thunderstorm Winds
		Several trees were blown down.							
ARKANSAS, Central and North Central Cont'd									
Jackson County									
Newport	04	2340CST			0	0	?	0	Thunderstorm Winds
		Some trees were knocked down.							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Diaz	04	2340CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds downed a few trees.									
Independence County Sulphur Rock	05	0000CST			0	0	?	0	Thunderstorm Winds
Several trees were blown down.									
Jefferson County Redfield	05	0000CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds knocked down some large tree limbs.									
Prairie County Des Arc	05	0004CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds blew the roof off a church and downed some trees.									
Woodruff County Cotton Plant	05	0025CST			0	0	?	0	Thunderstorm Winds
Some large trees limbs were blown down.									
Howard County Umpire	05	0030CST			0	0	?	0	Thunderstorm Winds
Several trees were blown down.									
Clark County Arkadelphia	05	0054CST			0	0	?	0	Thunderstorm Winds (G39)
A few small trees were blown down.									
Desha County 1 W Dumas	05	0452CST- 0800CST			0	0	?	0	Flash Flood
Heavy rains resulted in flash flooding just west of Dumas. Highway 54 was under water for a period of time.									
Lincoln County 5 NE Garrett Bridge	05	0452CST- 0700CST			0	0	?	0	Flash Flood
Heavy rains caused flash flooding along Highway 54 in eastern Lincoln County.									
Lonoke County 3 SE Humnoke	06	1800CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds downed some large tree limbs.									
Pulaski County 1 S Wrightsville	09	1810CST			0	0	0	0	Hail (0.88)
Monroe County 2 NE Cross Roads	09	1815CST			0	0	0	0	Hail (1.00)
Saline County Vimy Ridge	09	1845CST			0	0	0	0	Hail (0.75)
Van Buren County 5 NW Scotland	14	1710CST			0	0	0	0	Hail (0.75)
5 NW Scotland	14	1710CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds downed a few trees.									
Sharp County Evening Shade	14	1800CST			0	0	?	0	Lightning
Lightning struck a home in Evening Shade. A fire resulted which completely destroyed the house.									
Independence County Batesville	16	0130CST			2	0	0	0	Heat
Two sisters died in their home in Batesville as a result of heat exhaustion. Very hot temperatures outside caused the temperature inside their home, which was not air-conditioned, to reach an estimated 110 to 115 degrees when they were found F97PH,F91PH									
Independence County Cord	17	1150CST			0	0	?	0	Thunderstorm Winds
Some trees were blown down.									
Montgomery County Pine Ridge	17	1600CST- 1800CST			0	0	?	0	Flash Flood
Heavy rains in the Pine Ridge area resulted in flash flooding. Several roads were under water for a period of time. A loda weather observer reported that just over two inches of rain fell in 30 minutes.									
Garland County Hot Springs Village	17	1630CST			0	0	?	0	Thunderstorm Winds
ARKANSAS, Central and North Central Cont'd									
Thunderstorm winds caused some roof damage in Hot Springs Village.									
Lafayette County Lewisville	17	1730CST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds downed several trees along Highway 29.									
Union County El Dorado	20	1230CST			0	0	?	0	Lightning
Lightning struck a gasoline storagetank and ignited its contents. The tank contained about 21,000 barrels of gasoline. The area									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
around the tank was evacuated for several hours. The fire was allowed to burn itself out.									
Drew County Monticello	20	1400CST			0	0	?	0	Lightning
									Lightning struck the roof of a house in Batesville. A portion of the chimney was damaged along with a part of the roof.
Garland County Hot Springs Village	20	2230CST			0	0	?	0	Lightning
									Lightning struck a house which resulted in a fire. The fire caused heavy damage to the roof and attic area of the house.
Saline County Benton	21	0400CST			0	0	?	0	Lightning
									Lightning struck a home in Benton which resulted in a small fire. Only minor damage occurred and was confined to the attic area of the home.
Pope County London	22	1632CST			0	0	0	0	Hail (0.75)
London	22	1632CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some power lines.
1 W Russellville	22	1632CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds knocked down several trees.
Jackson County Balch	22	1800CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds damaged two farm buildings.
Yell County 5 NW Dardanelle	23	1205CST			0	0	0	0	Hail (0.75)
5 NW Dardanelle	23	1205CST			0	0	0	0	Thunderstorm Winds (G52)
Pope County Russellville	23	1215CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some trees.
Russellville	23	1257CST			0	0	5K	0	Lightning
									Lightning struck the chimney of a residence in Russellville. A fire resulted which caused some damage to the attic area of the house.
Conway County 1 W Morrilton	23	1240CST			0	0	?	0	Thunderstorm Winds (G52)
									A few trees were blown down.
Faulkner County Greenbrier	23	1315CST			0	0	?	0	Thunderstorm Winds (G52)
									Thunderstorm winds downed some trees.
Franklin County 6 S Cecil	23	1315CST			0	0	0	0	Hail (1.75)
6 S Cecil	23	1315CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds knocked down several trees.
Sharp County Evening Shade	23	1430CST			0	0	?	0	Lightning
									Lightning struck a home in Evening Shade and ignited a fire. The home was completely destroyed.
Cave City	23	1436CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed a few trees.
1 E Evening Shade	23	1440CST			0	0	?	0	Thunderstorm Winds
									Some trees and power lines were blown down.
White County Beebe	23	1435CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down some trees.
Independence County Batesville	23	1440CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew awnings off buildings. A plate glass window was blown out of a building under construction in Batesville. Some trees were also blown down.

Storm Data and Unusual Weather Phenomena

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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	
ARKANSAS, Central and North Central Cont'd									
Pope County Russellville	23	1443CST			0	0	15K	0	Lightning
									Lightning struck a home in Russellville which resulted in a fire. The fire damaged the attic area of the house and a portion of the electrical system.
Jackson County 5 SW Swifton	23	1445CST			0	0	?	0	Thunderstorm Winds (G52)
									Thunderstorm winds uprooted a large tree and knocked down some large limbs.
Polk County 2 SW Rich Mountain	24	0405CST			0	0	?	0	Thunderstorm Winds
									A few trees were blown down.
Scott County Y City	24	0420CST			0	0	?	0	Thunderstorm Winds
									Some large tree limbs were knocked down.
Franklin County Branch	24	0430CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some large tree limbs.
Logan County Driggs	24	0440CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down some trees.
New Blaine	24	0455CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds destroyed a barn, damaged some roofs, and knocked down some trees.
Pope County London	24	0510CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds knocked down some large tree limbs.
Atkins	24	0530CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down several trees and large limbs.
Perry County Thornburg	24	0550CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some trees.
Conway County Birdtown	24	0555CST			0	0	?	0	Thunderstorm Winds
									Several trees were knocked down.
Faulkner County Conway	24	0605CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some large trees and damaged some store awnings in Conway.
White County 5 S Rose Bud	24	0635CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down some trees.
Pulaski County 4 W Little Rock	24	0645CST			0	0	?	0	Thunderstorm Winds
									Several trees were blown down.
Woodruff County Cotton Plant	24	1812CST			0	0	0	0	Hail (1.00)
Monroe County 5 NW Brinkley	24	1815CST			0	0	0	0	Hail (1.75)
Jefferson County 3 NE White Hall	25	1230CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some trees and limbs at the Pine Bluff Arsenal.
Lonoke County Cabot	25	1251CST			0	0	0	0	Hail (1.75)
White County 1 N Beebe	25	1325CST			0	0	0	0	Hail (0.75)
Lonoke County 8 W Lonoke	25	1410CST			0	0	0	0	Hail (1.75)
Faulkner County 10 E Mayflower	25	1415CST			0	0	0	0	Hail (0.75)
Prairie County Hazen	25	1418CST			0	0	0	0	Hail (0.75)
DeValls Bluff	25	1418CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed trees and power lines.
Hazen	25	1439CST			0	0	?	0	Thunderstorm Winds
									Some power lines were blown down.
Pulaski County 2 SW N Little Rock	25	1430CST			0	0	0	0	Hail (1.00)
North Little Rock	25	1432CST			0	0	0	0	Hail (0.75)
ARKANSAS, Central and North Central Cont'd									
Gravel Ridge	25	1440CST			0	0	0	0	Hail (0.75)
North Little Rock	25	1445CST			0	0	?	0	Lightning
									Lightning struck a power pole in the parking lot at the National Weather Service. The lightning travelled into the office and

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									damaged some electronic equipment.
Pope County 2 S Atkins	25	1455CST			0	0	0	0	Hail (0.75)
Lonoke County 3 N Keo	25	1520CST			0	0	0	0	Hail (0.75)
Arkansas County Casscoe	25	1550CST			0	0	0	0	Hail (1.00)
Saline County East End	25	1615CST			0	0	0	0	Hail (1.75)
Arkansas County 2 SE Almyra	25	1645CST			0	0	0	0	Hail (0.75)
10 E DeWitt	25	1718CST- 1720CST	0.25	20	0	0	0	0	Tornado (F0)
									A small tornado touched down briefly in an open field. No damage was reported with the tornado.
Pulaski County Alexander	25	1650CST			0	0	0	0	Hail (0.75)
Montgomery County 2 SW Sims	26	0145CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some trees.
Pike County Pike City	26	0250CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds knocked down some large tree limbs.
Antoine	26	0300CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds caused some roof damage at Antoine.
Clark County Arkadelphia	26	0300CST			0	0	?	0	Thunderstorm Winds (G61)
									Wind gusts up to 70 mph blew down some trees in Arkadelphia.
Hot Spring County Friendship	26	0315CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down some large tree limbs.
Saline County Vimy Ridge	26	0330CST			0	0	?	0	Thunderstorm Winds
									Some large tree limbs were knocked down.
Dallas County Dalark	26	0335CST			0	0	?	0	Thunderstorm Winds
									Large tree limbs were blown down.
Manning	26	0345CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some trees.
Sparkman	26	0345CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down a large tree onto a shelter.
Grant County Ico	26	0345CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed several large tree limbs.
Quachita County Chidester	26	0410CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds blew down several trees.
Jefferson County 1 W Pine Bluff	26	0415CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds downed some large tree limbs.
Tucker	26	0415CST			0	0	?	0	Thunderstorm Winds
									A portion of a shop building was blown off.
Prairie County 4 NW Hazen	28	1553CST			0	0	0	0	Hail (0.75)
Lonoke County Carlisle	28	1600CST			0	0	0	?	Hail (1.00)
									Hail up to quarter-size damaged some crops near Carlisle.
ARKANSAS, Northwestern									
Washington County Springdale	03	0630CST			0	0	?	0	Thunderstorm Winds
									A severe thunderstorm produced strong winds which downed trees and power lines in Springdale.
ARKANSAS, Norrthwestern Cont'd									
Benton County Countywide	04	1815CST- 1900CST			0	0	?	0	Thunderstorm Winds
Siloam Springs	04	1815CST			0	0	?	0	Thunderstorm Winds (G52)
2 N Siloam Springs	04	1818CST			0	0	?	0	Thunderstorm Winds Hail (1.00)
2 S Siloam Springs	04	1818CST			0	0	2K	0	Thunderstorm Winds (G61)
Washington County 1 W Springdale	04	1835CST			0	0	?	0	Thunderstorm Winds

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July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NR Springdale	04	1835CST			0	0	5K	0	Thunderstorm Winds
Benton County									
Bentonville	04	1840CST			0	0	?	0	Thunderstorm Winds
Lowell	04	1845CST			0	0	1K	0	Thunderstorm Winds
Madison County									
Hindsville	04	1915CST			0	0	?	0	Thunderstorm Winds
Carroll County									
Countywide	04	1915CST- 1945CST			0	0	?	0	Thunderstorm Winds
6 N Eureka Springs	04	1918CST			0	0	?	0	Thunderstorm Winds (G52)
Urbanette	04	1940CST			0	0	?	0	Thunderstorm Winds
Berryville	04	1940CST			0	0	?	0	Thunderstorm Winds
Oak Grove	04	1940CST			0	0	?	0	Thunderstorm Winds
Green Forest	04	1940CST			0	0	?	0	Thunderstorm Winds
Washington County									
West Fork	04	1945CST			0	0	?	0	Thunderstorm Winds
Crawford County									
Van Buren	04	2008CST			0	0	?	0	Hail (0.75)
Sebastian County									
Fort Smith	04	2012CST			0	0	?	0	Hail (0.75)
Washington County									
2 SW Winslow	04	2020CST			0	0	?	0	Thunderstorm Winds
Sebastian County									
Greenwood	04	2100CST			0	0	?	0	Thunderstorm Winds
Madison County									
Pettigrew	04	2112CST			0	0	?	0	Thunderstorm Winds
<p>Severe thunderstorms moved across northwest Arkansas during the evening of July 4th. Strong thunderstorm winds flipped an airplane at the Springdale Airport near Springdale, and widespread trees and power lines were blown down throughout Benton and Carroll Counties. Thunderstorm winds downed power lines and several large trees two miles north of Siloam Springs, and numerous trees and power lines were blown down in Bentonville. Power lines were blown down in Urbanette and in Oak Grove, and a tree was blown down and camper shells were blown onto a highway in Lowell.</p> <p>A tree was blown down onto a house by 70 mph winds two miles south of Siloam Springs, and trees were also blown down just west of Springdale, in Hindsville, in Berryville, in Green Forest, two miles southwest of Winslow, and in Pettigrew. Large tree limbs were blown down in West Fork and in Greenwood, and Thunderstorm Wind gusted to 60 mph in Siloam Springs and six miles north of Eureka Springs. Quartersize hail fell two miles north of Siloam Springs, and dime-size hail fell at Van Buren and at Fort Smith.</p>									
Washington County									
6 SE Strickler	24	0400CST			0	0	?	0	Thunderstorm Winds
Sebastian County									
Lavaca	24	0420CST			0	0	?	0	Thunderstorm Winds
<p>Severe thunderstorms moved across northwest Arkansas during the early morning of July 24th. Strong thunderstorm winds downed trees at Devil's Den State Park six miles southeast of Strickler, and several utility lines were blown down by strong winds in Lavaca.</p>									
Benton County									
Hiwasse	25	2100CST			0	0	?	0	Thunderstorm Winds (G61)
Bentonville	25	2100CST			0	0	?	0	Thunderstorm Winds (G61)
Sulphur Springs	25	2100CST			0	0	?	0	Thunderstorm Winds
Lowell	25	2115CST			0	0	?	0	Thunderstorm Winds
Carroll County									
6 N Eureka Springs	25	2130CST			0	0	?	0	Thunderstorm Winds
Washington County									
Springdale	25	2200CST			0	0	?	0	Thunderstorm Winds (G52)
Madison County									
Kingston	25	2200CST			0	0	?	0	Thunderstorm Winds
Wesley	25	2200CST			0	0	?	0	Thunderstorm Winds
Benton County									
Siloam Springs	25	2345CST			0	0	?	0	Thunderstorm Winds
Washington County									
5 W West Fork	26	0000CST			0	0	?	0	Thunderstorm Winds
Crawford County									
Van Buren	26	0015CST			0	0	?	0	Thunderstorm Winds
Sebastian County									
Barling	26	0020CST			0	0	?	0	Thunderstorm Winds
Washington County									
Winslow	26	0030CST			0	0	?	0	Thunderstorm Winds (G52)

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July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Northwestern Cont'd									
Madison County									
2 N Combs	26	0045CST			0	0	?	0	Thunderstorm Winds
Pettigrew	26	0110CST			0	0	5K	0	Thunderstorm Winds
Severe thunderstorms moved across northwest Arkansas during the evening of July 25th and very early morning of July 26th. Strong thunderstorm winds blew the roofs off turkeyhouses in Pettigrew, and trees and power lines were blown down in Sulphur Springs. Power lines were blown down in Kingston and in Westy, and trees were blown down six miles north of Eureka Springs, in Siloam Springs, five miles west of West Fork, in Van Buren, in Barling, and two miles north of Combs. Trees were blown down by 70 mph winds in Bentonville, and strong thunderstorm winds downed several large tree limbs in Lowell. Thunderstorm winds gusted to 70 mph in Hiwasse and to 60 mph in Springdale and in Winslow.									
ARKANSAS, Eastern									
Craighead County									
Jonesboro	03	1500CST			0	1	0	0	Lightning
A man was injured by a lightning strike while standing outside a local hospital.									
Greene County									
Walcott	05	0012CST	2	25	0	0	.01M	0	Tornado (F0)
A tornado touched down just south of Walcott. A mobile home was overturned and several large trees were snapped off.									
Craighead County									
Jonesboro	05	0028CST			0	0	5K	0	Thunderstorm Winds
Several trees and signs were knocked down.									
Poinsett County									
Harrisburg	05	0030CST			0	0	2K	0	Thunderstorm Winds
A few power lines were blown down.									
Mississippi County									
Osceola									
Wilson	05	0130CST			0	0	5K	0	Thunderstorm Winds
A couple of houses were damaged. Some trees and power lines were knocked down.									
Clay County									
Peach Orchard	07	1840CST			0	0	2K	0	Thunderstorm Winds
Several power lines were blown down.									
Clay County									
5 W Corning	08	0445CST			0	0	5K	0	Hail (1.75)
Clay County									
Piggott	08	2139CST			0	0	2K	0	Thunderstorm Winds
A few power lines were knocked down.									
Greene County									
Hooker	08	2200CST			0	0	0.1K	0	Hail (0.75)
Clay County									
Rector	08	2215CST			0	0	2K	0	Thunderstorm Winds
Several trees were blown down.									
Mississippi County									
Blytheville	08	2223CST			0	0	5K	0	Thunderstorm Winds
Some trees and power lines were knocked down.									
Mississippi County									
Luxora	08	2236CST			0	0	5K	0	Thunderstorm Winds
A service station suffered damage to its roof.									
Poinsett County									
Lepanto	08	2239CST	0.5	10	0	0	1K	0	Tornado (F0)
A tornado briefly touched down knocking over a couple of trees.									
Randolph County									
Pocahontas									
Maynard	14	1525CST			0	0	5K	0	Hail (1.75)
Greene County									
2 S Peach Orchard	14	1525CST			0	0	.01M	0	Thunderstorm Winds
A roof was blown off of a mobile home. A utility pole was blown down as well.									
St. Francis County									
Wrn St. Francis County	14	1800CST			0	0	2K	0	Thunderstorm Winds
Several large limbs and a couple of power lines were knocked down.									
Cross County									
Wynne	14	1830CST			0	0	5K	0	Thunderstorm Winds
A few trees and power lines were knocked down.									
Craighead County									
Brookland	22	1628CST			0	0	0.1K	0	Hail (0.75)
ARKANSAS, Eastern Cont'd									
Craighead County									
Brookland	22	1650CST			0	0	0.2K	0	Hail (0.88)
Craighead County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Bay	22	1730CST			0	0	5K	0	Thunderstorm Winds
		Some trees and power lines were blown down.							
Craighead County Caraway	22	1800CST			0	0	2K	0	Thunderstorm Winds
		Several power lines were knocked down.							
Cross County Vandale	22	1915CST			0	0	2K	0	Thunderstorm Winds
		Some power lines were blown down.							
Cross County 5 E Wynne	22	1955CST	1	10	0	0	1K	0	Tornado (F0)
		A small tornado briefly touched down near Wynne knocking down a few trees.							
Clay County Knob	23	1440CST			0	0	5K	0	Thunderstorm Winds
		Several utility poles were knocked down.							
Lawrence County Srln Lawrence County	23	1502CST			0	0	2K	0	Thunderstorm Winds
		Several trees were blown down.							
Lawrence County Walnut Ridge	23	1510CST			0	0	1K	0	Thunderstorm Winds
		A large tree was knocked down across a road.							
Greene County Paragould	23	1525CST- 1535CST	1	25	0	0	.02M	0	Tornado (F0)
		Some houses had their windows blown out of them. A mobile home had its roof blown off, carried across a road and wrapped around a tree. A barn was destroyed. Numerous trees and power lines were blown down.							
Craighead County Dixie Jonesboro	23	1545CST			0	0	.03M	0	Thunderstorm Winds
		A few houses were damaged in Dixie. One wall of a building collapsed onto a car in Jonesboro. Numerous trees and power lines were knocked down.							
Craighead County Bay	23	1550CST			0	0	2K	0	Thunderstorm Winds
		A power pole was blown down.							
Poinsett County Lepanto	23	1620CST			0	0	5K	0	Thunderstorm Winds
		Several trees and power lines were knocked down.							
Mississippi County Osceola	23	1625CST			0	0	2K	0	Thunderstorm Winds
		A few trees were blown down across a road.							
Crittenden County West Memphis	23	1645CST			0	0	5K	0	Thunderstorm Winds
		Several trees and power lines were knocked down.							
St. Francis County Forrest City Hughes	24	1945CST- 1950CST			0	0	5K	0	Thunderstorm Winds
		Some power lines were blown down.							
Cross County Parkin	24	2002CST			0	0	0.1K	0	Hail (0.75)
Crittenden County Earle	24	2015CST			0	0	2K	0	Thunderstorm Winds
		A few trees and power lines were knocked down.							
Lee County Marianna	25	1610CST			0	0	5K	0	Thunderstorm Winds
		Some trees and power lines were blown down.							
Crittenden County West Memphis	25	1612CST			0	0	1K	0	Hail (1.00)
Crittenden County West Memphis	25	1617CST			0	0	2K	0	Thunderstorm Winds
		A few trees were knocked down.							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Southeast									
Chicot County Lake Village	28	1925CST			0	0	0	0	Thunderstorm Winds (G52)
Ashley County Parkdale	28	1940CST			0	0	0	0	Hail (1.00)
Ashley County 2 SE Berlin	28	1945CST			0	0	2K	0	Thunderstorm Winds Several trees were blown down.
ARKANSAS, Southwest									
Union County Parker's Chapel	03	1713CST			0	0	0	0	Hail (0.75)
1 N Parker's Chapel	03	1717CST			0	0	0	0	Hail (1.75)
Columbia County Magnolia	03	1755CST			0	0	0	0	Hail (0.75)
Howard County Umpire	05	0030CST			0	0	0	0	Thunderstorm Winds Several trees were blown down by high winds just south of Umpire.
Sandbar	05	0200CST- 0400CST			0	0	0	0	Flash Flood Heavy rainfall of four to six inches in the headwaters of the Cossatot River Basin caused the river to rise some thirteen feet. As a result, tourists who were camping in motorhomes adjacent to the river were stranded by high water.
Lafayette County Lewisville	17	1730CST			0	0	0	0	Thunderstorm Winds Several trees were blown down along Highway 29 north.
Union County 2 SW El Dorado	20	1410CST			0	0	6	0	Lightning Lightning struck a gasoline storage tank causing it to explode. As a result, many people were evacuated from the immediate area.
Howard County Dierks	26	0215CST			0	0	1	0	Thunderstorm Winds Several trees were blown down and one building was damaged.
Nashville	26	0215CST			0	0	0	0	Thunderstorm Winds Several trees were blown down in Nashville.
Mineral Springs	26	0230CST			0	0	0	0	Thunderstorm Winds Several trees were blown down in Mineral Springs.
Sevier County 5 N De Queen 26	26	0230CST			0	0	0	0	Thunderstorm Winds Several trees were blown down which fell across Highway 71 five miles north of De Queen.
Little River County 2 W Ashdown	26	0245CST			0	0	0	0	Thunderstorm Winds Several trees were blown down which fell across Highway 108.
Sevier County 10 S De Queen	26	0245CST			0	0	0	0	Thunderstorm Winds Several trees were blown down which fell across Highway 41 ten miles south of De Queen blocking the highway.
Nevada County Prescott	26	0320CST			0	0	0	0	Thunderstorm Winds (G60)
Hempstead County 1 E Hope	26	0330CST			0	0	0	0	Thunderstorm Winds Several trees were blown down across Highway 73 one mile east of Hope.
Miller County 15 S Texarkana	26	0345CST			0	0	0	0	Thunderstorm Winds Several trees were blown across Highway 160 15 miles south of Texarkana.
CALIFORNIA, Northwest									
None reported.									
CALIFORNIA, South Central									
Kern County Mojave Airport	03	1545PDT			0	0	?	?	High Winds Wind gusts to 65Kts were reported at the Mojave Airport with a subsequent warning for high wind in the Mojave Desert portion of Kern County subsequently issued. No reports of damage were received.
California, Western	SFO July 1995 None reported.								
CALIFORNIA, West South Central									
Los Angeles County 5 NE Lancaster	28	1500PDT			0	0	?	0	Dry Microburst 61 A thunderstorm produced a dry microburst that knocked down 10 power poles in Lancaster, severing power to three to four thousand customers. The wind fanned the flames of two fires, one of which burned more than 150 acres.
COLORADO									
Yuma County 17 N Laird	14	2010MST			0	0	.5K	?	Hail (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Golf ball hail broke windows and damaged siding.									
Yuma County 23 NNW Wray	17	1545MST			0	0	?	?	Hail (0.75)
1 inch diameter branches broken by wind 19 NNW of Wray.									
Yuma County 10 N Laird	17	1600MST			0	0	?	?	Hail (1.00)
Kit Carson County 4 NW Vona	19	1455MST			0	0	?	?	Hail (0.75)
Kit Carson County 2 S Stratton	19	1530MST			0	0	?	?	Hail (1.00)
Kit Carson County 15 S Burlington	19	1554MST			0	0	?	?	Hail (1.50)
Spotter also reported 1.50 inch hail at 1607 MST.									
Cheyenne County 14 N Arapahoe	19	1604MST			0	0	1K	?	Hail (1.25)
Also 80 mph winds with power poles down.									
Kit Carson County 12 S Burlington	19	1615MST			0	0	?	?	Hail (1.00)
Also wind broke two to three inch diameter branches.									
Kit Carson County 2 SE Flagler	20	1650MST			0	0	?	?	Hail (0.88)
Yuma County 4 SE Idalia	20	1725MST			0	0	1K	?	Thunderstorm Winds (G61)
Thunderstorm winds estimated at 70 mph damaged two mobile homes, air conditioning, and broke winds. The winds also blew hay bales one quarter mile.									
Kit Carson County 1 N Vona	22	1950MST			0	0	?	?	Hail (1.75)
Three-quarters inch hail also reported in Vona at 1953 MST.									
COLORADO, Cont'd									
Montrose County COZ011	01	0900MST			0	0	?	?	Lightning
A building was struck by lightning and burned down.									
El Paso County Colorado Springs	01	1145MST			0	0	0	0	Hail (0.75)
Alamosa County 3 W Alamosa	01	1215MST			0	0	0	0	Hail (0.75)
El Paso County Colorado Springs	01	1242MST			0	0	0	0	Hail (0.75)
Alamosa 3 N Alamosa	01	1246MST			0	0	?	?	Hail (1.75)
El Paso County Colorado Springs	01	1253MST			0	0	0	0	Hail (0.75)
Las Animas County 20 E Trinidad	01	1345MST	0.5	Narrow	0	0	0	0	Tornado (F0)
A tornado was on the ground in open country and caused no known damage.									
Fremont County Florence	01	1405MST			0	0	?	?	Hail (1.75)
Prowers County Holly	01	1405MST			0	0	0	0	Hail (1.00)
Pueblo County Rye	01	1437MST			0	0	0	0	Thunderstorm Winds (G50)
Pueblo County Pinon	01	1437MST			0	0	0	0	Hail (0.75)
El Paso County Colorado Springs	01	1438MST			0	0	0	0	Hail (0.75)
El Paso County Fountain	01	1500MST			1	1	0	0	Lightning
Two women on the 17th hole of the Apple Tree Golf Course in Fountain were struck. The 17-year-old daughter died of a heart attack, the mother was burned. F17GF									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
COLORADO, Cont'd									
Prowers County									
Holly	01	1450MST			0	0	0	0	Hail (0.75)
Baca County									
15W Two Buttes	01	1500MST			0	0	0	0	Hail (0.75)
Baca County Walsh									
Walsh	01	1606MST			0	0	0	0	Hail (0.75)
Baca County									
8 S to 8 E Walsh	01	1638MST			0	0	?	?	Hail (2.00)
Baca County									
1 SW Walsh	01	1655MST			0	0	0	0	Hail (0.75)
Baca County Walsh									
Walsh	01	1700MST			0	0	?	?	Small Stream Urban Flood 2.60 inches of rainfall in a 45 minute period resulted in street flooding and the flooding of an office building.
Eagle County									
COZ010	02	2025MST			0	0	?	0	Flash Flood Heavy rains resulted in a flash flood on Seven Castle Creek, washing out two access bridges to residences.
Kiowa County									
10 S Sheridan Lake	02	2100MST			0	0	0	0	Hail (0.75)
Prowers County									
10 NNW Holly	02	2145MST			0	0	?	?	Hail (1.50)
Kiowa County									
10 S Eads	02	2314MST			0	0	0	0	Hail (0.88)
Kiowa County									
6 S Eads	02	2320MST			0	0	?	?	Hail (1.75)
Kiowa County									
10 S Eads	02	2321MST			0	0	0	0	Hail (1.00)
Prowers County									
13 N Holly	03	0030MST			0	0	0	0	Hail (0.75)
Baca County									
6 SW Walsh	03	1315MST			0	0	?	?	Hail (1.75)
El Paso County									
Colorado Springs	03	1500MST-1600MST			0	0	?	?	Lightning Thunderstorm Windss Lightning triggered a minor housefire in the attic. Thunderstorm winds snapped numerous tree limbs which damaged parked cars. In addition, larger branches blocked rush hour traffic along some roads.
Baca County									
3 SE Two Buttes	03	1645MST			0	0	0	0	Hail (0.88)
Phillips County									
12 SE Holyoke	04	1140MST			0	0	0	0	Funnel Cloud
Washington County									
18 S Otis	04	1458MST			0	0	0	0	Funnel Cloud
Jefferson County									
Arvada	04	Unknown			0	2	0	0	Lightning Lightning injured two people standing in a field.
Sedgewick County									
Julesburg	07	2000MST			0	0	?	?	Thunderstorm Windss Thunderstorm winds of unknown intensity downed a few power poles and a few small trees in the vicinity of Julesburg.
Costilla County									
San Luis	08	1325MST			0	0	?	?	Lightning Lightning struck the bell tower at a park, the audio system was destroyed near the platform during a groundbreaking function.
Pueblo County									
Pueblo Lake	08	1600MST			0	4	?	?	Thunderstorm Windss Strong thunderstorm winds capsized a boat and injured four occupants on Pueblo Lake.
El Paso County									
Pikes Peak	09	1615MST			1	1	0	0	Lightning Two people hiking near the Pikes Peak Highway were struck by lightning. Well known landscape photographer Rich Buzzeli was killed, while the other hiker was hospitalized. M38OU.
Denver County									
Denver	10	Unknown			0	1	?	?	Dry Microburst Microburst winds blew a pine tree 60-foot tall and two feet in diameter over which struck and injured a man nearby.
Denver County									
Denver	10	1831MST			0	0	?	?	Dry Microburst (G51) Microburst winds broke the back door window at the Denver Forecast Office.
Larimer County									
Red Feather Lakes	11	1345MST			0	0	?	?	Dry Microburst (G53)
Pitkin County									
Basalt	11	All Day			0	0	?	0	Flood Rapid snowmelt resulted in flooding along the Roaring Fork River in Basalt. A mobile home park and basements were flooded. A levee was eroded and a section of old Highway 82 was washed out.
COLORADO, Cont'd									
Clear Creek County									
Silver Plume	13	1230MST-							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Georgetown	13	1530MST			0	0	?	?	Heavy rain
	13	1230MST-							
	13	1530MST			0	0	?	?	Heavy Rain
Heavy rains triggered mud slides on Interstate 70 in Silver Plume and just east of Georgetown.									
Rio Blanco County COZ002	13	1445MST			0	0	?	0	Thunderstorm Winds (G54)
Jefferson County Highlands Ranch	13	1700MST			0	1	0	0	Lightning
Lightning struck and injured an assistant coach during a baseball game.									
Logan County 3 SSE Sterling	13	1730MST	Short	Narrow	0	0	?	?	Tornado (F0)
Jackson County Rand	13	2215MST			0	0	?	?	Dry Microburst (G50)
Douglas County Larkspur	14	1513MST			0	0	?	?	Hail (0.75)
Adams County 1 N Strasburg	14	1531MST			0	0	0	0	Thunderstorm Winds (G54)
Logan County Fleming	14	1700MST			0	0	?	?	Dry Microburst
Thunderstorm winds estimated between 70 and 85 knots damaged the anemometer during the wind event.									
Denver County Denver	15	Unknown			0	0	?	?	Thunderstorm Winds
Thunderstorm winds downed trees and branches, damaging a porch and nearby cars.									
Sedgewick County 4 W Sedgewick	17	1318MST			0	0	?	?	Hail (0.50)
Hail destroyed crops in the vicinity of Sedgewick.									
Phillips County 3 N Haxton	17	1404MST			0	0	0	0	Funnel Cloud
Phillips County 6 W Holyoke	17	1426MST	Short	Narrow	0	0	0	0	Tornado (F0)
Tornado did no damage in open field.									
Phillips County 4 E Haxton	17	1435MST			0	0	?	?	Thunderstorm Winds (G61)
Extensive crop damage sustained in the Haxton vicinity but no estimate provided.									
Logan County Padroni	17	1450MST-							
	17	1505MST			0	0	?	?	Hail (1.75)
Hail accumulated to four inches deep in some spots.									
Logan County Iliff	17	1455MST-							
	17	1505MST			0	0	?	?	Hail (1.00)
Crop damage sustained but no estimate provided.									
Phillips County Haxton	17	1452MST			0	0	?	?	Thunderstorm Winds (G59)
Logan County 5NE Peetz	17	1539MST	1.5	Narrow	0	0	0	0	Tornado (F0)
Tornado travelled an estimated 1.5 miles across open country.									
Jefferson County Golden	17	1540MST			0	0	?	?	Hail (1.50)
Larimer County 5 NE Bellview	17	1558MST			0	0	?	?	Thunderstorm Winds (G65)
Weld County Keenesburg	17	1625MST			0	0	?	?	Hail (1.75)
Custer County 16 S Canon City	18	1435MST			0	0	?	?	Hail (1.75)
Pueblo County 2 SW Beulah	18	1540MST			0	0	0	0	Hail (0.75)
Elbert County 14 W Agate	19	1740MST	Short	Narrow	0	0	?	?	Tornado (F0) Hail (0.50)
A tornado ripped shingles off the roof of a house and the doors off a barn. A nearby wheat field was damaged as hail accumulated up to a foot deep. No estimate of damage was provided.									
Douglas County Louviers	20	1355MST			0	0	0	0	Funnel Cloud
Kiowa County 1 NW Eads	20	1435MST			0	0	0	0	Hail (0.75)
COLORADO, Cont'd									
Adams County 1 N Strasburg	20	1447MST	Short	Narrow	0	0	0	0	Tornado (F0)
Tornado touched down in an open field.									
Arapaho County Centennial Airport	20	1550MST			0	0	0	0	Thunderstorm Winds (G50)
Larimer County Hohnholz Ranch	20	1600MST			0	0	?	?	Thunderstorm Winds (G52)
Thunderstorm winds damaged a barn.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Cheyenne County 14 N Arapaho	20	1600MST- 1620MST			0	0	?	?	Hail (2.25) Hail destroyed 620 acres of wheat.
Lincoln County 2 N Limon	20	1605MST			0	0	0	0	Funnel Cloud
Larimer County Red Feather Lakes	20	1658MST			0	0	?	?	Thunderstorm Winds (G66)
Larimer County West Fort Collins	20	1745MST			0	0	?	?	Thunderstorm Winds Thunderstorm winds downed two large cottonwoods in West Fort Collins.
Adams County Denver International Airport	21	1421MST			0	0	0	0	Thunderstorm Winds (G55)
Baca County Walsh	21	Unknown			0	0	0	0	Thunderstorm Winds (G62)
Larimer County Red Feather Lakes	21	1846MST- 1905MST			0	0	?	?	Hail (2.00)
Baca County Two Buttes	22	1526MST			0	0	0	0	Thunderstorm Winds (G56)
Prowers 3 W Hartman	22	1830MST			0	0	?	?	Hail (1.50)
El Paso County Colorado Springs	22	1910MST			0	0	0	0	Hail (0.88)
	23	1701MST			0	0	0	0	Hail (1.00)
	23	2230MST			0	0	?	?	Lightning Lightning struck a house causing minor fire damage to the attic.
	23	2240MST			0	0	?	?	Lightning Lightning struck an apartment building and sprayed some bricks causing minor damage. Lightning also caused several power outages. About 250 homes and businesses were without power from period of less than an hour to more than two hours.
Morgan County Brighton	29	1654MST			0	0	?	?	Thunderstorm Winds (G51)
Fort Morgan	29	2100MST			0	0	?	?	Thunderstorm Winds (G62) Thunderstorm winds fanned grassfires in the Brighton and Fort Morgan areas.
Logan County 3 N Iliff	30	1630MST			0	0	0	0	Funnel Cloud
Delta County Mesa County Moffat County Montrose County Ouray County Rio Blanco County COZ001-003-006- 009-011	30	1816MST	Short	Narrow	0	0	0	0	Tornado (F0)
	30	Afternoon			0	0	?	0	Lightning Lightning ignited over four dozen tree and brush fires in northwest and west-central Colorado. It took firefighters over a week to extinguish all of the blazes.
Mesa County	30	Unknown			0	0	?	?	Lightning Lightning struck and damaged a ranch structure and burned an estimated four acres.
Sedgewick County Julesburg	30	1955MST			0	0	?	?	Lightning Lightning struck a home and damaged the chimney. A few bricks and a ventilator sitting atop the chimney were blown off. In addition, a few of the appliances in the home were damaged.
CONNECTICUT									
Tolland County Ellington	08	1615EST			0	0	?	0	Thunderstorm Winds
CONNECTICUT									
					Several large trees were reported blown down.				
Tolland County Ellington Stafford Springs	08	1540EST- 1800EST			0	0	0	0	Flash Flood Thunderstorms produced very heavy rainfall of 2.5 to 3.0 inches per hour. One road was reported to be impassable between Ellington and Stafford Springs and overflow and street flooding was reported on secondary roads off of Route 84.
Litchfield County Plymouth	10	1848EST			0	0	?	?	Hail (1.75) Golf ball-size hail was reported.
Hartford County West Hartford	11	1630EST- 1640EST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Hartford County New Britain	11	1630EST			0	0	?	0	Hail (1.00)
Hartford County Burlington	11	1635EST			0	0	?	0	Hail (1.00)
Hartford County New Britain	11	1640EST			0	0	0	0	Hail (0.75)
New Haven County Meriden	11	1725EST			0	0	?	0	Hail (0.75)
Litchfield County Norfolk	11	1745EST			0	0	?	0	Hail (0.88)
Litchfield County Winchester Center	11	1815EST			0	0	0	0	Hail (0.75)
CTZ002 Hartford County	11	1630EST-1900EST			0	0	?	?	Urban Flood
Severe thunderstorms caused large hail in parts of Litchfield, Hartford, and northeastern New Haven Counties. Very heavy rainfall accompanied these storms and 3.5 inches of rain was reported from southwest Hartford County as of 1930 local time. Urban street flooding occurred in parts of Hartford County, including Simsbury, where an unknown amount of property damage was reported.									
Litchfield County Torrington	15	0700EST			0	0	?	?	Thunderstorm Winds
Hartford County Farmington	15	0705EST			0	0	?	?	Thunderstorm Winds
Hartford County Windsor	15	0710EST			0	0	?	?	Thunderstorm Winds
A fast-moving squall line of severe thunderstorms moving toward the east-southeast resulted in numerous reports of damaging winds across the northern portion of the state. The storms were part of a major mesoscale convective complex (derecho) that had tracked across the Great Lakes Region and New York State during the early morning hours. Many trees and power lines were knocked down by winds that reportedly gusted up to 60 mph. Up to 50,000 electric customers were reported to have lost power in Litchfield County.									
CTZALL	15	1400EST-1500EST			0	0	0	0	Record Heat
A new state maximum temperature record of 106 degrees F was set at the climatological station at Danbury at 1542 local time. The previous record for the date was 105 degrees and was set on July 21, 1991. A new record high temperature record for the date was set at Bradley International Airport in Windsor Locks with 100 degrees; the old record was 93 set in 1984. A Bridgeport, a high temperature of 97 degrees easily surpassed the previous record for the date of 93 degrees set in 1974.									
Fairfield County Bethel	23	1800EST			0	0	?	0	Thunderstorm Winds
Trees and power lines were knocked down in Bethel as severe thunderstorms passed through the area.									
New Haven County Prospect	23	1830EST	.50	17	0	0	?	0	Tornado (F0)
A small tornado touched down briefly in the town of Prospect. Large trees were completely uprooted, a wooden shack was destroyed, and a 45-foot tractor-semitrailer was tossed nearly 200 yards.									
Fairfield County Brookfield	27	2100EST			0	0	?	0	Lightning
Fairfield County Danbury	27	2100EST			0	0	?	0	Thunderstorm Winds
Bethel Brookfield	27	2100EST			0	0	?	0	Thunderstorm Winds
Thunderstorms downed several trees and power lines. A house was significantly damaged after being struck by lightning.									
New London County New London	27	2350EST			0	0	?	0	Thunderstorm Winds
A thunderstorm accompanied by gusty winds downed several trees and power lines.									
New Haven County Southbury	28	2120EST			0	0	?	0	Thunderstorm Winds
CONNECTICUT, Cont'd									
Several trees and power lines were downed as a thunderstorm passed through the area.									
Windham County Woodstock	28	0100EST			0	0	?	0	Thunderstorm Winds
Trees were blown down in several parts of town.									
New Haven County Hamden	29	1615EST			0	0	?	0	Thunderstorm Winds
New Haven County North Branford	29	1701EST			0	0	?	0	Thunderstorm Winds
Several trees and power lines were downed across eastern portions of the county. One resident's swimming pool was severely damaged by a falling tree. In Hamden, a limousine was almost totalled by a falling tree.									
DELAWARE									
DEZ002>004	12	0900EST-2100EST			0	?	?	?	Heat Wave
DEZ001	13	0900EST-2300EST			1	?	?	?	Heat Wave

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<p>An oppressive heat wave, which lasted as long as twenty-five consecutive days in interior Kent and Sussex Counties, gripped the state after July 11th. A cold front brought temporary relief after the 18th in New Castle County. While the humidity levels dropped to comfortable levels for a few days after the 18th, temperatures still reached into the 90s. The hottest day of the month was the 15th when many records were set. High temperatures included 104F in Georgetown and Lewes, 103F in Odessa, 100F in Pennyhill and Bridgeville and 99F at the Greater Wilmington Airport. Dew point temperatures on the 15th were into the 80s, making apparent temperatures (heat index) feel well above 110F. The one heat related death occurred in Brandywine Hills as an elderly woman with heart problems was found dead the morning of the 8th. The heat, especially on the 15th, caused the death of 3.7 million chickens throughout the Delmarva Peninsula. (F?PH)</p>									
New Castle County Northern	16	0225EST-							
4 S Hockessin	16	0235EST			1	0	?	?	Thunderstorm Winds
	16	0230EST			0	0	?	0	Lightning
<p>The oppressive heat and humidity during the day on the 15th set the stage for a complex of severe thunderstorms the early morning of the 16th. A wide swath of downed trees and power lines occurred in northern parts of the county, mostly to the north of the Chesapeake and Delaware Canals. A 52-year-old male in the Limestone Hills Development of Pike Creek was killed in his sleep as the severe thunderstorm snapped a 70-foot tall tree in half plunging it into his bedroom. His wife was unharmed. About 35,000 Delmarva Power and Light customers lost power. More than 10,000 still did not have it restored Monday morning the 17th. It was the utility's worst power outage since the March snow storm of 1958. Lightning ignited a fire that badly damaged two stores in the old post office in Hockessin Corner.</p>									
New Castle County	17	2300EST			0	1	?	?	Lightning
2 W New Castle	<p>A 23-year-old male was knocked five feet and injured by lightning while talking on the phone at the Delaware Air National Guard's main gate off Commons Boulevard. He suffered a "slight muscle breakup" because of the strike.</p>								
Sussex County Fairmount	22	1830EST			0	0	?	?	Thunderstorm Winds
<p>Severe thunderstorms uprooted trees across a road around Fairmount.</p>									
DEZ001	23	0900EST-							
	05	2200EST			0	?	?	?	Heat Wave
<p>One of the longest heat waves (two weeks) enveloped New Castle County Delaware for the rest of July and early August. The hottest temperatures during this heat wave were set in early August. No heat related deaths were reported.</p>									
DEZALL	month long				1	?	?	?	Unseasonably Warm
<p>In spite of a normal start to the first ten days of the month, July 1995 was one of the ten warmest on record. The mean temperature of 78.8 degrees at the Greater Wilmington-New Castle Airport was the 8th warmest July on record. The oppressive heat wave that most of the state had to endure from the 12th onward was one of the longest on record. Thew was one heat related death. Countless others were affected by the heat. The heat put a tremendous strain on the agricultural and poultry industries. (F?PH)</p>									
FLORIDA, Southern									
Palm Beach County	01	0900EST			0	0	0	0	Waterspout
15SE PBI	<p>A pilot reported a waterspout 15 miles southeast of Palm Beach International Airport.</p>								
Palm Beach County	01	1520EST			1	0	0	0	Lightning
9 NW PBI	<p>A 53-year-old male golfer was killed instantly, when lightning struck his 7-iron on the follow-through. The incident occurred on the second hole of the Ibis Golf and Country Club, after a foursome had halted play because of lightning in the area. The lightning struck when the group resumed play. M53GF.</p>								
Broward County	02	1320EST			0	1	55K	0	Thunderstorm Winds (G70), Hail (1.00)
E Central	<p>A severe thunderstorm produced wind gusts up to 80 mph and quarter-size hail from Davie to Fort Lauderdale. The wind blew down trees and power lines which sparked a fire that destroyed a \$50 thousand house, and caused electric outages to 5,000</p>								
FLORIDA, Southern, Cont'd									
<p>customers. A large tent was destroyed by thunderstorm winds, slightly injuring one person and ruining \$5 thousand in fireworks.</p>									
Martin County	02	1530EST			0	0	0	0	Thunderstorm Winds
30 SSE MLB Palm City	<p>Severe thunderstorms blew down trees and power poles in Palm City.</p>								
Palm Beach County	02	1545EST			0	1	0	0	Hail (1.00), Lightning
Lantana	<p>A woman in a mobile home was injured by a lightning strike. One-inch diameter hail was reported in Lantana and Lake Worth.</p>								
5SE PBI									
Lake Worth									
Dade County	02	1530EST			0	0	0	0	Thunderstorm Winds (G53)
10 S MIA Miami	<p>A severe thunderstorm produced 60 mph wind gusts at S.W. 112 St. and 67 Avenue in south Dade.</p>								
Broward County	03	1645EST	Short		0	0	0	0	Tornado (F0)
5 W FLL Davie	<p>A brief tornado in west Davie produced no known casualties or damage.</p>								
Okeechobee County	04	1500EST			0	0	5K	0	Thunderstorm Winds
32 SW MLB Okeechobee	<p>Severe thunderstorms blew down tree and power lines and damaged awnings in the town of Okeechobee.</p>								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Monroe County 3 N Key West	04	1549EST			0	0	0	0	Waterspout A waterspout, sighted three miles north of Key West International Airport, lasted about 13 minutes.
Lee County 5 WNW FMY Cape Coral	04	1950EST			0	0	0	0	Thunderstorm Winds (G52) Wind gusts of 60 mph were reported in Cape Coral.
Marion County 30 SSE GNV Ocala	05	1330EST			0	0	1.5K	0	Thunderstorm Winds Large trees blown down in downtown Ocala.
Collier County 25 S FMY W Naples	05	1515EST			0	0	0	0	Hail (1.00) Dime- to quarter-size hail reported in southeast Naples.
Duval County Jacksonville	05	1535EST			0	0	0	0	Hail (1.00) One-inch hail reported at the Dames Point Bridge.
Nassau County 9 NNE JAX Yulee	05	1605EST			0	0	0	0	Hail (1.00) One-inch hail reported in Yulee.
Duval County Jacksonville	05	1700EST			0	0	0	0	Hail (0.75) Dime-size hail reported in the Bay Meadow, Mandarin and Avenues Mall areas.
Columbia County 35 NNW GNV Lake City	05	1810EST			0	0	1K	0	Thunderstorm Winds Winds downed power lines in the south portion of Lake City.
Gilchrist County 31 W GNV Bell	05	1920EST			0	0	2K	0	Thunderstorm Winds Winds downed trees and power lines.
Monroe County 1 E EYW Stock Island	06	1315EST			0	1	0	0	Lightning A Florida Marine Patrol Officer was injured by a lightning strike as he leaned against his patrol car on a dock on Stock Island. It was raining heavily at the time. The officer was treated and released from a hospital.
Taylor County 32 ESE TLH Perry	06	1615EST			0	0	?	0	Thunderstorm Winds Taylor County Emergency Management reported several trees down and some flooding in parts of Perry, and along Highways 19 and 27. Taylor County Sheriff's Office reported trees and power lines down at the intersection of Woodmore and Old
FLORIDA, Southern Cont'd									
									Dixie Highway and along Old Dixie Highway.
Citrus County N half Hernando County	07	1515EST			0	0	10K	0	Lightning Thunderstorm Winds Lightning caused house fires in Homosassa, Crystal River and Beverly Hills. Trees were blown over in Hernando and North Citrus Counties.
Marion County 39 SSW GNV Dunnellon	07	1530EST			0	0	5K	0	Thunderstorm Winds Large trees blown down and wind damaged several buildings.
Nassau County 9 NNE JAX Yulee	07	1535EST			0	0	0	0	Hail (0.75) Golf ball-size hail.
Monroe County 3 SW Key West	07	1528EST			0	0	0	0	Waterspout A waterspout, sighted three miles southwest of Key West International Airport, lasted about five minutes.
Duval County Jacksonville	07	1605EST			0	0	0	0	Hail (1.00) One-inch hail reported at the Dames Point Bridge.
Putnam County 20 E GNV Florahome	07	1630EST			0	0	5K	0	Thunderstorm Winds A truck was overturned on State Highway 100 in Florahome.
Duval County Jacksonville	07	1700EST			0	0	0	0	Hail (0.75) Numerous reports of dime-size hail in the Mandarin, Baymeadow, and Avenues Mall area.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Orange County 38 SW DAB Apopka 48 SSW DAB Windermere Orange County 50 WNW MLB Lake Buena Vista	07	1830EST			0	0	5K	0	Thunderstorm Winds Hail (0.75)
Osceola County 42 WNW MLB Kissimmee	07	1850EST			0	0	0	0	Hail (0.75)
	07	1900EST			0	0	0	0	Hail (0.88) Severe thunderstorms passed over the greater Orlando/Disney World area and over Kissimmee blowing down a few trees and power lines. Signs were damaged and nickel-size hail fell in Kissimmee.
Polk County 49E TPA Haines City	07	1930EST			0	0	3K	0	Thunderstorm Winds A barn roof was blown into a neighboring yard.
Polk County 39 E TPA Auburndale 30 E TPA East Lakeland	07	1947EST			0	0	0	0	Hail (1.00), Funnel Cloud Emergency Management personnel reported one inch hail in the east sections of Lakeland and a funnel cloud was observed near Auburndale.
Hillsborough County 13 E TPA Brandon	08	1358EST			0	0	2K	0	Thunderstorm Winds A tree blew onto a house and power lines were downed.
Brevard County 31 NNW MLB Titusville	08	1445EST			0	0	0	0	Hail (1.75) Golf ball-size hail fell and numerous trees and power lines were blown down in Mims and Titusville.
Collier County 25 S FMY W of Naples	09	0820EST			0	0	0	0	Waterspout Collier County Sheriff's Office reported two waterspouts just offshore Naples.
Dade County 19S MIA Homestead	09	1222EST			0	1	0	0	Lightning
FLORIDA, Southern Cont'd									
A 30-year-old male was knocked into the water by lightning, as he piloted a boat into Black Point Marina. A passerby jumped into the water and rescued the unconscious victim, who was treated at the hospital and released.									
Broward County 5 NW MIA Miramar	09	1440EST			0	0	0	0	Hail (0.75) Dime-size hail reported in Miramar.
Liberty County 38 NE PAM Bristol	09	1630EST			0	1	?	0	Lightning Lightning struck a tree, producing a surge in the water of a septic tank buried nearby, which travelled through the pipes and into the bathroom toilet of the house. The force of the electricity knocked a 69-year-old man sitting on the toilet into the air.
Bay County N Portion	09	1750EST			0	0	?	0	Thunderstorm Winds Bay County Sheriff's Office reported downed power lines.
Monroe County 3 SW Key West	09	1800EST			0	0	0	0	Waterspout Two waterspouts were sighted about three miles southwest of Key West International Airport.
Gadsden County 30 WNW TLH Gretna	09	1930EST			0	0	?	0	Thunderstorm Winds Gadsden County Sheriff's Office reported downed power lines near Gretna.
Columbia County 35 NNW GNV Lake City	10	1330EST			0	0	0	0	Hail (0.75) Dime-size hail.
Brevard County 17 N MLB Cape Canaveral	10	1410EST			0	0	0	0	Hail (0.75) Dime-size hail fell in Cape Canaveral.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Columbia County 35 NNW GNV Lake City	10	1430EST			0	0	0	0	Thunderstorm Winds Large trees and power lines blown down.
St. Lucie County 7 NW Ft. Pierce 5 S VRB	10	1430EST	Short		0	0	50K	0	Tornado (F0) A small tornado touched down briefly in the mobile home community of Spanish Lakes, about seven miles northwest of Fort Pierce. The minimal tornado produced only minor damage to about 20 mobile homes, consisting mainly of damaged carports, porch roofs and underpinnings.
Martin County 28 SSE VRB Stuart	10	1435EST			0	0	0	0	Waterspout Two waterspouts were reported in the Indian River Lagoon near Stuart.
Brevard County 32 SSE DAB Mims	10	1445EST			0	0	0	0	Thunderstorm Winds Severe thunderstorms moved over northern Brevard County blowing down trees and power lines in the Mims area.
Bradford County 23 N GNV Raiford	10	1500EST			0	0	0	0	Thunderstorm Winds Large trees and power lines blown down.
Alachua County 19 WNW GNV High Springs	10	1505EST			0	0	0	0	Thunderstorm Winds Numerous reports of large trees blown down.
Columbia County 35 NNW GNV Lake City	10	1505EST			0	0	0	0	Thunderstorm Winds Large tree uprooted.
Duval County Jacksonville	10	1600EST	1.5	20	0	0	2K	0	Tornado (F0) Tornado skipped southeast from near the St. Johns River to University Boulevard.
FLORIDA, Southern Cont'd									
Duval County Jacksonville	10	1630EST			0	0	0	0	Thunderstorm Winds Large trees were blown down on Lem Turner Road just north of Interstate 295.
Duval County Jacksonville	10	1650EST			0	0	0	0	Thunderstorm Winds Large trees were toppled at Sea Breeze and Ellis. Numerous large trees blown down north of Interstate 279.
Brevard County 17 N MLB Cape Canaveral	10	1730EST			0	0	0	0	Thunderstorm Winds (G50) Cape Canaveral reported a wind gust of 58 mph.
Collier County 51 SSE FMY Everglades City	11	0920EST			0	0	0	0	Waterspout A waterspout was sighted just offshore Everglades City.
Polk County 39 E TPA Bartow	11	1153EST			0	0	100K	0	Thunderstorm Winds (G75) Severe thunderstorm winds, measured at 86 mph at Bartow Municipal Airport, destroyed two light aircraft and heavily damaged four other others. Three largemetal buildings were destroyed and two other structures suffered minor damage. Trees and power lines were also blown down.
Broward County Ft. Lauderdale	11	1250EST	.25	10	0	0	200K	0	Tornado (F0) An F0 tornado touched down at Fort Lauderdale Executive Airport and travelled one-quarter mile down a taxiway. It overturned seven planes, heavily damaging six of them.
Broward County Ft. Lauderdale	11	1310EST			0	0	20K	0	Thunderstorm Winds A tree was blown onto a house in Ft. Lauderdale causing \$20 thousand damage.
Monroe County 3 SE Key West	11	1330EST			0	0	0	0	Waterspout A waterspout was sighted about three miles southeast of Key West International Airport.
Dade County 33 SW MIA SE portion	11	1400EST			0	0	0	20K	Thunderstorm Winds (G45) Numerous trees/plants at a nursery in south Dade were blown down by thunderstorm winds.
Osceola County Deer Park									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
14 W MLB Dime-size hail fell in Deer Park.	11	1430EST			0	0	0	0	Hail (0.75)
Brevard County 14 NNW MLB Melbourne Rockledge	11	1440EST			0	0	0	0	Hail (0.75) Severe thunderstorms produced dime-size hail over many location in central and north Brevard County.
Brevard County 17 N MLB Cape Canaveral	11	1505EST			0	0	0	0	Thunderstorm Winds Hail (0.75) Trees were blown down and dime-size hail was reported in Cape Canaveral.
Leon County Tallahassee	11	1520EST			0	0	0	0	Thunderstorm Winds (G52)
Brevard County 4 SSE MLB Palm Bay	11	1533EST			0	0	0	0	Hail (0.75) Dime-size hail fell in Palm Bay.
Flagler County 20 NW DAB Bunnell	11	1555EST			0	0	0	0	Thunderstorm Winds Reports of numerous trees, tree limbs and power lines blown down.
Leon County 3 E Bloxham 23 W TLH	11	1615EST			0	0	0	0	Hail (0.75)
Baker County 22 W NIP Maclenny 3 E Sanderson									
FLORIDA, Southern Cont'd									
27 W NIP Dime-size hail reported at Maclenny and large trees uprooted east of Exit 45 along Interstate 10.	11	1815EST			0	0	0	0	Thunderstorm Winds Hail (0.75)
Collier County 10 S Marco Island 60 S FMY	12	0826EST			0	0	0	0	Waterspout A waterspout was sighted 10 miles south of Marco Island.
Hillsborough County Tampa	12	1100EST			0	0	40K	0	Lightning Lightning struck a storage tank igniting 34,000 gallons of methanol.
Pinellas County St. Petersburg	12	1323EST			0	1	0	0	Lightning
	12	1315EST	2	20	0	1	200K	0	Tornado (F0), Waterspout A tornado touched down at 42 Avenue S and Fourth Street and moved southeast across the south end of Coquina Key and into Tampa Bay. Heaviest damage occurred on Coquina Key where two apartment buildings suffered roof damage and a carport was destroyed. An elderly woman was slightly injured by the debris of the collapsing roof. Another woman was injured by lightning while talking on the telephone.
Dade County 23 SSW MIA Homestead	12	1200EST	Short		0	0	10K	0	Tornado (F0) A tornado snapped off 10 power poles and blew down a stop sign about one mile east of Homestead Air Reserve Base.
Broward County 12 NW FLL Sunrise Oakland Park 5 N FLL	12	1415EST	Short		0	0	0	0	Tornado (F0)
	12	1430EST			0	2	0	0	Lightning A tornado briefly touched down near the Sawgrass Mills Shopping Center doing no damage. A 42-year-old female and a 48-year-old male were injured by lightning while walking to their apartment in Oakland Park. They were treated for burns and muscle spasms.
Broward County 2 WNW FLL Plantation	12	1440EST			0	0	0	0	Funnel Cloud A funnel cloud was sighted in Plantation.
Madison County N Portion	12	1750EST			0	0	0	0	Thunderstorm Winds A storm spotter reported wind gusts to 50 mph and some downed trees.
Bay County 21 ENE PAM Calloway	12	1820EST			0	0	0	0	Hail (0.75)
Wakulla County 17 SW TLH Crawfordville	12	1950EST			0	0	?	0	Thunderstorm Winds Wakulla County Sheriff's Office reported downed power lines along Highway 98, south of Crawfordville.
Calhoun County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
3 N Blountstown 38 NE TLH	13	1710EST			0	0	0	0	Thunderstorm Winds
			Calhoun County Sheriff's Office reported downed trees on Highway 71 near Blountstown and along Highway 274 near Chason.						
Gadsden County 20 NW TLH Havana	13	1715EST			0	0	0	0	Thunderstorm Winds
			General public reported downed trees along Old Bainbridge Road, north of Gadsden/Leon County border.						
Hernando County 52 NNE PIE	13	1720EST	Short		0	0	0	0	Tornado (FO) Waterspout
			A waterspout moved ashore and downed several trees before lifting.						
Broward County 5 E Boca Raton 22 NE FLL	13	1725EST			0	0	0	0	Funnel Cloud
			A pilot reported a funnel cloud five miles east of Boca Raton.						
Charlotte County 30 NNW FMY Port Charlotte	13	1745EST			0	0	2K	0	Thunderstorm Winds
			A screened lanai was blown off and power lines were blown down.						
Palm Beach County 10 E PBI	14	0609EST			0	0	0	0	Waterspout
			A waterspout was reported four miles offshore Palm Beach.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA, Southern Cont'd									
Sarasota County 8 SE Sarasota 13 SSE SRQ	14	1559EST			0	0	0	0	Thunderstorm Winds Trees and power lines were blown down.
Pinellas County 7 WNW PIE Clearwater	14	1620EST			0	0	0	0	Thunderstorm Winds (G50) Winds gusted to 58 mph at Clearwater.
Marion County 30 SSE GNV Ocala	14	1750EST			0	0	0	0	Hail (0.75) Numerous reports of large hail around Ocala.
Putnam County 1 N Satsuma 33 ESE GNV	15	1540EST			0	0	0	0	Hail (0.75) Dime-size hail.
Gilchrist County St. Johns County Citrus County 50 S GNV Inverness	15	Unknown			0	3	0	0	Lightning
	15	Unknown			1	0	0	0	Lightning
	15	1745EST			0	0	7K	0	Thunderstorm Winds Severe thunderstorm winds blew down trees which damaged two mobile homes. Power lines were also blown down.
Sarasota County W Sarasota	15	1805EST			0	0	0	0	Hail (0.75) Dime-size hail reported by SKYWARN spotter.
Citrus County West Part	15	1830EST			0	0	0	0	Thunderstorm Winds Thunderstorm winds blew down several trees and power lines.
Pasco County 12 NNE New Pt Richey 31 N TPA	15	1915EST			0	0	0	0	Thunderstorm Winds Hail (0.75) Severe thunderstorms blew down trees, large tree limbs and power lines and dropped dime-size hail.
Monroe County 3 SE Key West	16	1233EST			0	0	0	0	Waterspout A waterspout was sighted three miles southeast of Key West International Airport. It lasted about 17 minutes.
Sarasota County W Central Part	16	1353EST			0	0	0	0	Funnel Cloud Two funnel clouds were reported over west central Sarasota County.
Monroe County 3 SE Teatable Key 15 SW Key Largo	16	1715EST			0	0	0	0	Waterspout Monroe County Sheriff's Office reported a waterspout three miles southeast of Teatable Key.
Washington County Orange Hill	16	1730EST			0	0	0	0	Thunderstorm Winds Lightning Washington County Emergency Management reported downed trees and a telephone struck by lightning.
Leon County 5 W Iamonia	16	1820EST			0	0	0	0	Thunderstorm Winds A NWS employee reported a few downed trees and numerous tree limbs along SR 12.
Lee County 5 S FMY	16	1834EST			0	0	0	0	Thunderstorm Winds (G40) A half dozen trees and a few power lines were blown down by winds of 45 to 50 mph in the Villas sections of Ft. Myers.
Calhoun County 31NE PAM 2 N Clarksville	16	1835EST			0	0	0	0	Thunderstorm Winds Hail (0.75) A storm spotter reported downed trees and dime-size hail.
Holmes County 31 SW DHN New Hope	16	1900EST			0	0	0	0	Thunderstorm Winds Holmes County Sheriff's Office reported downed trees along Highway 179A in the northwest portion of the county.
Jefferson County 9 ENE TLH Waukeenah	16	1940EST			0	0	0	0	Thunderstorm Winds Jefferson County Sheriff's Office reported numerous trees down along Highway 27 and blocking Berrington and Watermill

FLORIDA, Southern Cont'd

Roads.

Clay County
22 NE GNV

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Camp Blanding	16	2350EST			0	0	0	0	Hail (1.75) Golf ball-size hail.
Duval County Nassau County Clay County	17	0123EST- 0500EST			0	0	20K	0	Urban Flood Three to four inches of rain fell in around two hours producing widespread urban flooding in the Jacksonville, Callahan and Middleburg areas. Several roadways were flooded or washed out.
Nassau County Taylor County 32 ESE TLH Perry	17	0210EST			0	0	?	?	Flash Flood Taylor County Sheriff's Office reported many streets flooded in the Perry area and other parts of Taylor County. Highway 19 was closed due to high water.
	17	0600EST			0	0	0	0	
Broward County 12 WNW FLL Sunrise	17	1500EST			0	0	0	0	Funnel Cloud Public reported a funnel cloud near the intersection of Interstate 75 and the Sawgrass Expressway.
Leon County Centerville	17	1700EST			0	0	0	0	Thunderstorm Winds Leon County Sheriff's Office reported downed trees and power lines.
Leon County Tallahassee	17	1730EST			0	0	0	0	Thunderstorm Winds Tallahassee police reported downed trees and power lines on the east side of Tallahassee near Lincoln High School.
Monroe County 5 S Key West	18	0730EST			0	0	0	0	Waterspout Two waterspouts were sighted five miles south of Key West International Airport.
Washington County 2 W Chipley 32 S DHN	18	1550EST			0	0	15K	0	Thunderstorm Winds Washington County Emergency Management reported several downed trees and power outages. A mobile home was cut in half by a falling tree.
Walton County 3 S Freeport 26 SE CEW	18	1645EST			0	0	0	0	Thunderstorm Winds Walton County Emergency Management reported downed trees on a side road off Highway 331.
Calhoun County 4 S Kinarrowd 16 NE PAM	18	1755EST			0	0	0	0	Thunderstorm Winds Storm spotters reported a few trees and numerous tree limbs blown down along Highway 71.
Gulf County 5 W Weewahitchka 5 S Weewahitchka 19 E PAM	18	1810EST			0	0	0	0	Thunderstorm Winds Hail (0.75) Storm spotters and Gulf County Sheriff's Office reported downed trees and power lines and dime-size hail off Highway 22 in north Gulf County.
Bay County Panama City	18	1715EST			0	0	50K	0	Thunderstorm Winds (G55) Bay County Emergency Management reported numerous traffic lights down and trees fallen on power lines. A few buildings and many roofs were also damaged, and a large metal building collapsed.
Monroe County SE Boot Key Marathon	20	0800EST			0	0	0	0	Waterspout Monroe County Sheriff's Office reported a waterspout southeast of Boot Key.
Monroe County 5 S Key West	20	0810EST			0	0	0	0	Waterspout A waterspout was spotted five miles south of Key West International Airport.
Alachua County Gainesville	20	1655EST			0	0	0	0	Hail (1.00) Quarter-size hail reported in downtown Gainesville.
FLORIDA, Southern Cont'd									
St. Lucie County 20 SSE VRB Hutchinson Island	20	1900EST			0	1	0	0	Lightning A 32-year-old man was injured by lightning while watering his lawn.
Highlands County 24 S AGR Lake Placid	21	1437EST			0	0	15K	0	Thunderstorm Winds Severe thunderstorm winds blew screens off patios and blew down fences and trees.
Broward County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
15 NW FLL Sunrise	21	1800EST			0	0	0	0	Funnel Cloud
			Public reported a funnel cloud in Sunrise.						
Monroe County 5 N Key West	22	1937EST			0	0	0	0	Waterspout
			A waterspout, sighted five miles north of Key West International Airport, lasted about 15 minutes.						
St. Johns County	23	Unknown			1	0	0	0	Lightning
Monroe County 3 N Key West	23	1332EST			0	0	0	0	Waterspout
			A waterspout, which lasted about 28 minutes, was sighted three miles north of Key West International Airport.						
Monroe County 8 SW Key West	24	0748EST			0	0	0	0	Waterspout
			A waterspout was sighted eight miles south of Key West International Airport. It dissipated after 20 minutes.						
St. Johns County St. Augustine 28 SE NIP	24	2037EST			0	0	0	0	Hail (0.88)
			Nickel-size hail.						
Duval County Jacksonville	24	2140EST			0	0	0	0	Thunderstorm Winds
			Numerous reports of large trees and power lines blown down.						
Hendry County 2 E Clewiston 50 W PBI	25	1336EST			0	0	0	0	Waterspout
			Florida Marine Patrol sighted a waterspout on Lake Okeechobee, just east of Clewiston.						
Brevard County Merritt Island 15 NNE MLB	25	1355EST			0	1	0	0	Lightning
			A 40-year-old female was knocked 10 feet and slightly injured from a nearby lightning strike.						
Columbia County 35 NNW GNV Lake City	26	1810EST			0	0	0	0	Thunderstorm Winds
			Large trees and power lines blown down near Route 17 and Carl Edwards Road.						
Palm Beach County 4 SE PBI Lake Worth	27	1430EST			1	0	0	0	Rip Current
			A 47-year-old male tourist from Ohio drowned in a rip current off Lake Worth Beach. Strong east winds associated with the approach of tropical storm Erin caused the rip current. M47IW.						
Hillsborough County Pinellas County	27	1149EST			0	0	0	0	Waterspout
			A waterspout was observed over the mouth of Tampa Bay, south of the Sunshine Skyway Bridge, and dissipated 10 minutes later.						
Pasco County 18 NW TPA Holiday	27	1557EST			0	0	0	0	Waterspout
			A waterspout was observed in the Gulf of Mexico just offshore the City of Holiday.						
Pasco County 14 WSW TPA Largo	27	1619EST			0	0	2K	0	Thunderstorm Winds (G40), Funnel Cloud
			Wind gusts estimated at 40 to 50 mph collapsed the carport of a mobile home at the Rancho Village development in Largo. A funnel cloud was also reported in the area.						
Pinellas County 1 W Indian Rocks Bch 19 W TPA	28	1048EST			0	0	0	0	Waterspout
			A waterspout in the Gulf of Mexico, just offshore Indian Rocks Beach, dissipated before reaching land.						
FLORIDA, Southern Cont'd									
Pinellas County 8 SW TPA Tampa Bay	28	1711EST			0	0	0	0	Waterspout
			A waterspout lasted seven minutes as it remained over Tampa Bay between the Courtney Campbell Causeway and the Howard Frankland Bridge.						
Wakulla County 22 SW TLH Medart	28	1800EST			0	0	0	0	Thunderstorm Winds
			Wakulla County Sheriff's Office reported downed trees near Medart.						
Palm Beach County 4 ENE PBI City of Palm Beach	31	1900EST			1	0	0	0	Rip Current
			A 19-year-old male resident drowned in a rip current, near the Breakers Hotel. The rip current was caused by swells from Hurricane Erin. M19IW.						

Storm Data and Unusual Weather Phenomena

July 1995

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									
Highlands County Avon Park	02	1900EST			0	0	5K	0	Thunderstorm Winds Thunderstorm winds downed two large trees onto a house which caused moderate structural damage. Another house in the same vicinity received minor roof damage from thunderstorm winds. Several fences were ripped down and a numerous large trees were downed.
Highlands County Avon Park	02	1900EST			0	0	0	0	Hail (0.75)
Lee County Cape Coral	04	1950EST			0	0	0	0	Thunderstorm Winds (G52) Wind gusts of 60 mph were reported in Cape Coral.
Citrus County Northern Half	07	1500EST- 1530EST			0	0	5K	0	Thunderstorm Winds Thunderstorm winds downed numerous trees and power lines in Hernando, Crystal River and Lecanto.
Citrus County Northern Half	07	1500EST			0	0	65K	0	Lightning Lightning caused house fires in Homosassa, Crystal River, and in Beverly Hills.
Polk County 6 NE Winter Haven	07	1930EST			0	0	1K	0	Thunderstorm Winds Thunderstorm downburst wind blew the roof off a barn along U.S. Highway 17/92 between Lake Alfred and Haines City.
Polk County 3 NW Lakeland	07	1958EST			0	0	0	0	Hail (1.00)
Hillsborough County 34 SW Tampa	07	2315EST			0	0	0	0	Waterspout A waterspout was sighted over the Gulf of Mexico southwest of Egmont Key.
Hillsborough County 8 E Tampa	08	1358EST			0	0	10K	0	Thunderstorm Winds (G40) A medium sized tree was blown into the screen porch house of a house in Brandon. Lightning caused widespread power outages to 16,000 electrical customers throughout Brandon for 90 minutes.
Highlands County Sebring	08	1700EST			0	0	0	0	Lightning Lightning struck a Florida Power electric substation transformer which caused a three hour power blackout to 1,300 customers. No damaged was reported from the lightning strike.
Polk County 4 NE Bartow	11	1153EST- 1205EST			0	0	500K	0	Thunderstorm Winds (G75) A thunderstorm downburst wind gust measured at 86 mph struck the Bartow Municipal Airport. Two aircraft, and three large metal buildings, were destroyed. Four other aircraft were heavily damaged. Three additional aircraft incurred minor damage. A few of the aircraft were lifted and tossed nearly 500 yards. Two additional structures incurred minor damage. Several medium sized trees, and some power lines, were downed.
Polk County Lakeland	11	1225EST			0	0	0	0	Hail (0.75)
Manatee County 11 SW Bradenton	11	1510EST			0	0	0	0	Waterspout A waterspout was observed by several witnesses five miles west of Longboat Key.
Polk County Winter Haven	11	1715EST			0	0	1	0	Lightning Lightning struck a lightning rod atop a restaurant and penetrated the roof to a light fixture a female employee was standing under. The electrical charge then struck and knocked the employee to her feet with only minor injury.
FLORIDA, West Central Cont'd									
Hillsborough County Tampa	12	1116EST			0	0	50K	0	Lightning Lightning hit a 400,000 gallon chemical storage tank that contained 34,000 gallons of flammable methanol. The tank, located at the Port of Tampa, caught fire but was extinguished within two hours.
Pinellas County 2 SW St. Pete.	12	1315EST- 1325EST	6	20	0	1	200K	0	Tornado (F1) Waterspout A tornado developed along the northeast shore of Lake Maggiore and touched down sporadically as it moved southeast across a densely populated area of south St. Petersburg. The first touchdown occurred near the intersection of 9th Street and 30th Avenue where it toppled a large tree then continued southeast. Some of the most significant damage occurred near the intersection of 4th Street and 42nd Avenue where numerous homes, businesses and apartments incurred minor to moderate structural damage. The tornado's final touchdown on land occurred at the Coquina Key Apartments where carports were destroyed, a 24-foot pontoon boat was tossed and motorcycles were tossed over a hundred feet. The tornado moved southeast over Tampa Bay as a waterspout and finally dissipated approximately two to three miles offshore. One injury occurred from a roof that collapsed on an elderly woman.
Pinellas County 2 S St. Petersburg	12	1320EST			0	1	0	0	Lightning An 18-year-old female was struck and injured by lightning while talking on the telephone in her home.
Manatee County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
16 E Bradenton	12	1450EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds downed a couple of trees, and removed the roof of a shed, near the intersection of State road 64 and County road 675.									
Lee County Ft. Myers	12	1500EST			0	0	1K	0	Lightning
Lightning struck and destroyed a 75-foot silk oak tree behind a Century Village apartment building. Fourteen condos suffered minor damage from the exploding tree.									
Hernando County 18 WSW Brooksville	13	1720EST- 13 1725EST	2	10	0	0	2K	0	Tornado (F0) Waterspout
A waterspout moved onshore and downed several large trees along Amberjack Drive in Hernando Beach before it lifted and dissipated.									
Charlotte County Port Charlotte	13	1745EST			0	0	1K	0	Thunderstorm Winds (G40)
Thunderstorm winds of less than 45 mph downed a screen lanai and a few power lines on Sevrin Road.									
Pinellas County 5 E Clearwater	13	1900EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds downed a 40-foot double light pole, and a few power lines, at the junction of Brooklake Parkway and Eastlake Road.									
Pinellas County Clearwater Beach	13	1905EST			0	0	0	0	Waterspout
A large waterspout was reported just offshore of Clearwater Beach.									
Sarasota County 8 SE Sarasota	14	1559EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds downed a few trees and power lines at Marlborough Place, one mile east of Interstate 75.									
Pinellas County Clearwater	14	1620EST			0	0	0	0	Thunderstorm Winds (G50)
A 58 mph wind gust was measured by a SKYWARN spotter.									
Citrus County Inverness	15	1745EST			0	0	1K	0	Thunderstorm Winds
A few trees and power lines were downed which caused minor damage to two mobile homes.									
Sarasota County 1 W Sarasota	15	1805EST			0	0	0	0	Hail (0.75)
Citrus County Western Citrus	15	1810EST- 15 1850EST			0	0	3K	0	Thunderstorm Winds
Several trees and power lines were downed from Lecanto to Crystal River along State Road 44.									
Pasco County 12 NNE New Port Richey	15	1915EST			0	0	0	0	Hail (0.75)
Pasco County Dade City	15	1920EST- 15 1950EST			0	0	5K	0	Thunderstorm Winds
Numerous trees, large branches, and power lines were downed by thunderstorm winds.									
Lee County 5 S Fort Myers	16	1834EST			0	0	2K	0	Thunderstorm Winds (G45)
FLORIDA, West Central Cont'd									
Thunderstorm winds of 45 to 50 mph downed a half dozen trees and a few power lines near U.S. Highway 41 and Colleg Parkway in the Villas section of Fort Myers.									
Hillsborough County Pinellas County	17	1800EST- 17 2200EST			0	0	0	0	Urban/Small Stream Flood
Heavy rainfall of three to five inches in less than four hours caused flooding of streets and low-lying areas in the Tampa metropolitan area.									
Pasco County	18	0800EST- 18 1200EST			0	0	700K	0	Flood
Heavy rainfall of four to six inches in less than four hours caused flooding of streets and low-lying areas in the New Port Richey area of Western Pasco County. Floodwaters caused minor damage to approximately 155 single-family homes, one duplex and 66 businesses while four mobile homes and one business incurred major damage from Holiday north to New Port Richey along U.S. 19. Three large shop freezers worth \$150 thousand were also destroyed in the flood. Total estimate of flood damage by Pasco County management officials was \$700 thousand. Of that damage, \$550 thousand was to businesses and \$150 thousand for structural damage to homes.									
Sarasota County Manatee County	18	1015EST- 19 1800EST			0	0	200K	0	Flood
Heavy rainfall of eight to 14 inches over a span of 30 hours caused flooding of homes, businesses and roadways over western Sarasota and western Manatee Counties. Two homes incurred major damage from the flooding while another 169 received minor damage. Most of the damage homes stretched from Sarasota south to Osprey along the U.S. 41 corridor. The most concentrated rainfall occurred in Sarasota County, where 13.8 inches of rain fell at Venice and up to eight inches in Sarasota. Nearly a foot of water covered and closed portions of U.S. Highway 301/41 in downtown Sarasota on the 18th.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Charlotte County Lee County	18 18	1000EST- 1800EST			0	0	0	0	Urban/Small Stream Flood Heavy rainfall of four to six inches over western Charlotte and Lee Counties in less than eight hours caused localized flooding of roadways and areas of poor drainage. The most concentrated rainfall occurred from Port Charlotte south to Sanibel Island.
Charlotte County Lee County	18 22	1800EST- 0200EST			0	0	100K	0	Flood Heavy rainfall of eight to 10 inches over western Charlotte and Lee Counties caused flooding of homes, businesses and roadways over the metropolitan areas of Ft. Myers and Punta Gorda over a 24 hour period. Flooding continued over western Lee and Charlotte Counties through the 22nd as saturated soils, sheetflow and poor drainage combined to prolong the effects of the significant rainfall that occurred primarily from the 18th through 19th.
Pinellas County 29 W St. Pete.	20	1600EST			0	0	0	0	Waterspout A waterspout was observed over the Gulf 20 miles west of John's Pass.
Hillsborough County 5 NW Tampa	20	1645EST			0	0	0	0	Heavy Rain Heavy rain of 3.85 inches in one hour fell in the Carrollwood area of northwest Tampa.
Hillsborough County	20 20	1600EST- 2000EST			0	0	0	0	Urban/Small Stream Flood Heavy rain of three to five inches of rain in less than four hours caused localized flooding of roadways and areas of poor drainage in the northern Tampa metropolitan area.
Highlands County Lake Placid	21	1437EST	0.1	5	0	0	2K	0	Tornado (F0) A short-lived tornado caused minor damage to two homes in the Placid Lakes subdivision. Also, fences were blown down shingles and screens were blown away, a storage shed was destroyed, and a mailbox was blown over by the tornadic winds.
Pasco County 10 N Port Richey	21 21	2150EST- 2155EST			0	0	0	0	Waterspout A waterspout was observed over the Gulf one to two miles northwest and offshore of Hudson Beach.
Manatee County 13 NE Parrish	22	1130EST			0	1	0	0	Lightning A male was struck and injured by lightning in Parrish.
Pinellas County 10 N St. Pete.	22	1415EST			0	1	0	0	Lightning A 49-year-old male was struck and injured by lightning near the St. Petersburg/Clearwater Airport.
Lee County	23 23	1600EST- 2000EST			0	0	0	0	Urban/Small Stream Flood Heavy rains of two to three inches in less than an hour caused localized flooding of roads and areas of poor drainage in the Ft. Myers metropolitan area.
FLORIDA, West Central Cont'd									
Lee County	24 24	1500EST- 2000EST			0	0	0	0	Urban/Small Stream Flood Heavy rains of three to five inches in less than two hours caused localized flooding of roads and areas of poor drainage from Cape Coral to North Fort Myers in Lee County.
Hillsborough County 10 N Tampa	24 24	1535EST- 1635EST			0	0	0	0	Heavy Rain Heavy rain of 3.41 inches in one hour occurred in Lutz.
Hillsborough County	24 24	1535EST- 2035EST			0	0	0	0	Urban/Small Stream Flood Heavy rains of three to five inches in less than two hours caused localized flooding of roads and areas of poor drainage across portions of the northern Tampa metropolitan area.
Pinellas County 15 NW St. Pete.	26	1048EST			0	0	0	0	Waterspout A waterspout was observed over the Gulf just offshore Indian Rocks beach.
Charlotte County De Soto County Lee County	26 26	1400EST- 2000EST			0	0	100K	0	Flood Heavy rain of four to six inches over a six hour period caused flooding of a few homes, businesses and roads primarily in Arcadia of De Soto county and Ft. Myers of Lee County.
Polk County 8 W Bartow	26 26	1620EST- 2010EST			0	0	0	0	Urban/Small Stream Flood Heavy rain of up to three inches in less than three hours caused a retention pond to overflow and close Florida State Road 60 for three nearly four hours.
Pinellas County 8 NNE St. Pete.	26	1711EST-							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
	26	1718EST			0	0	0	0	Waterspout A waterspout was observed over Upper Tampa Bay east of the Bayside Bridge and between the Courtney Campbell and Howard Frankland Bridges.
Hillsborough County 26 SW Tampa	27	1149EST- 1159EST			0	0	0	0	Waterspout A waterspout was observed over the mouth of Tampa Bay south of the Sunshine Skyway Bridge.
Pasco County 7 SSW Port Richey	27	1557EST			0	0	0	0	Waterspout A waterspout was observed over the Gulf just offshore of Holiday.
Pinellas County 4 SE Clearwater	27	1622EST			0	0	1K	0	Thunderstorm Winds (G45) Thunderstorm winds of 40 to 50 mph caused the carport of a mobilehome to collapse at the Rancho Mobile Home Park in Largo.
Hillsborough County 27 SW Tampa	28	1240EST			0	0	0	0	Waterspout A waterspout was observed over the mouth of Tampa Bay between Egmont Key and the Sunshine Skyway Bridge.
Lee County	29	1545EST- 1730EST			0	0	0	0	Urban/Small Stream Flood Heavy rains of two to three inches in less than a three hour period caused street flooding on Sanibel and Captiva Islands.
FLORIDA, Western Panhandle									
Okaloosa County Destin	01	1530CST			0	0	0.5K	0	Thunderstorm Winds Winds estimated at 60 MPH overturned several small boats around Destin. No one was injured.
Santa Rosa County Milton	08	1645CST			0	0	2K	0	Thunderstorm Winds Several trees were blown down in the west parts of Milton. One of the trees fell on a house causing damage to the roof.
Escambia County McDavid	08	1645CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down along County Road 164 near Pine Barren Creek in the north part of the county.
Escambia County West Pensacola	08	1708CST			0	0	1K	0	Thunderstorm Winds Hail (0.75) Wind gust to 58 mph and dime-size hail was reported two miles east of Lillian, Alabama, on the west side of Pensacola just past the Lillian Bridge.
Santa Rosa County Chumuckla	12	1520CST			0	0	1K	0	Thunderstorm Winds
FLORIDA, Western Panhandle Cont'd									
									Several trees were blown down around Chumuckla. Time of report was estimated.
Okaloosa County Destin	17	1110CST			0	7	0	0	Lightning Seven people on Destin Beach were struck by lightning. One 14-year-old female was struck and six others around her received a shock from the strike. The female was taken to a hospital in Pensacola and was released after several weeks there. The other six people were treated at the scene. All the persons struck were from out of town. The strike occurred on the beach near the Holiday Inn in Destin. A thunderstorm was developing in the area and it was likely the people were struck by the first lightning bolt from the storm.
Escambia County Perdido Bay	17	1455CST			0	0	2K	0	Thunderstorm Winds Hail (1.75) High winds damaged two homes near Inerarity Point in the southwest part of Escambia County. Golf ball-size hail was also reported around Perdido Bay in the same area as the wind damage.
Okaloosa County Hurlburt Field	17	1510CST			0	3	0	0	Lightning Three people (2 males and a female) were struck by lightning on Hurlburt Air Force Base. A female had automobile trouble and two males stopped to assist her. They were standing next to the vehicle when lightning struck near them. They were all three treated at the scene.
Okaloosa County Ocean City	17	1515CST			0	1	0	0	Lightning A 15-year-old male was struck by lightning while riding his bicycle. He was treated and released at the scene.
Okaloosa County Mary Esther	17	1520CST			0	0	0	0	Thunderstorm Winds Wind gusts to 68 mph were recorded at Hurlburt Air Force Base in Mary Esther.
Santa Rosa County Pace	18	1910CST			0	0	1.5k	0	Thunderstorm Winds Several trees and power lines were blown down in and around Pace.
Escambia County Pensacola	18	1920CST			0	0	0	0	Thunderstorm Winds A wind gust of 60 mph was reported around Cordova Mall on 9th Avenue.
Escambia County Pensacola NAS	18	1930CST			0	0	0	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Wind gusts to 66 mph were recorded on Pensacola Naval Air Station in the southwest part of Escambia County.									
Escambia County Pensacola	18	1930CST			0	0	0.5k	0	Thunderstorm Winds
Winds blew two to three small boats out of the water near the Bob Sikes Bridge. It could have been a possible waterspout but no one observed or thought they saw one.									
Santa Rosa County Gulf Breeze	18	1935CST			0	0	1.5k	0	Thunderstorm Winds
Several trees and power lines were blown down in Gulf Breeze.									
Santa Rosa County Milton	18	1950CST			0	1	0	0	Lightning
A 52-year-old Caucasian male had his hand on a chain link fence when lightning struck the fence and ran into him. The person's hand had second degree burns on his hands and chest. He was treated and released from a local hospital after several days.									
Escambia County Pensacola Beach	18	2030CST			0	0	2k	0	Thunderstorm Winds
Several tree limbs and power lines were blown down on cars. Part of a house under construction had its roof blown off.									
Santa Rosa County Gulf Breeze	19	0100CST			0	0	250k	0	Lightning
Lightning struck a restaurant at the zoo located east of Gulf Breeze. The time of the strike was estimated. The fire smoldered for several hours before someone noticed smoke about sunrise. The building where the restaurant was located was completely destroyed.									
Santa Rosa County Pace	19	1550CST			0	0	30k	0	Thunderstorm Winds
Trees were blown down along Woodbine Avenue (Highway 197A). One tree fell on a mobile home and damaged it. A barn and a house also suffered damage.									
Okaloosa County Crestview to Fort Walton Beach	27	1710Cst			0	0	1.5k	0	Thunderstorm Winds
Several large tree limbs and power lines were blown down along Highway 85 between Crestview and Fort Walton Beach.									
Okaloosa County Mary Esther	27	1713CST			0	1	0	0	Lightning
A 32-year-old female was very close to a lightning strike. She was taken to the hospital for observation and later released.									
GEORGIA, North and Central									
Chattahoochee County Cusseta	02	1900EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds blew several large trees down in the downtown area along Georgia Highway 520. Some of the trees fell on power lines, resulting in power outages.									
Glynn County St. Simons Is	03	1407EST			0	0	5.5K	0	Thunderstorm Winds
Thunderstorm winds blew large tree down through the roof of a house in the St. Claire subdivision. Tree limbs were also reported down on power lines in the Kelvin grove subdivision.									
Floyd County Rome	03	1848EST			0	0	0	0	Hail (0.75)
Dime to quarter-size hail fell.									
Floyd County Rome	03	1848EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew numerous trees down.									
Madison County 2 N Danielsville 6 E Danielsville	03	1957EST			0	0	0	0	Hail (0.75)
03	2010EST			0	0	2K	0	Thunderstorm Winds	
Thunderstorm winds caused moderate to severe damage to a roof. Numerous trees were also knocked down between Danielsville and Paoli.									
Cherokee County Waleska	03	2000EST			0	0	300	0	Thunderstorm Winds
Thunderstorm winds blew several trees down on power lines.									
Pickens County Jasper	03	2036EST-			0	0	1K	0	Thunderstorm Winds
03	2045EST			0	0	1K	0	Thunderstorm Winds	
Thunderstorm winds blew several trees down onto power lines on Main Street, resulting in a power outage. Trees were also knocked down onto powerlines on Burnt Mountain road north of Jasper.									
Fannin County Blue Ridge	03	2050EST			0	0	3K	0	Thunderstorm Winds
Thunderstorm winds knocked down numerous trees. Damage at the Blue Ridge Marina and pea-size hail.									
Gilmer County Ellijay	03	2100EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds blew trees down onto power lines on Flat Branch Road, just north of Ellijay.									
Crisp County Cordele	04	1420EST			0	0	10K	0	Thunderstorm Winds
Thunderstorm winds knocked power lines down near Georgia Highway 257. A convenience store roof was also pulled off by the winds.									
Cherokee County Canton	04	1700EST			0	0	10K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Thunderstorm winds blew a roof off a building. Trees and power lines down all over the city.
Cherokee County 7 NE Canton	04	1715EST			0	0	?	?	Hail (1.00)
Haralson County 3 NE Tallapoosa	04	1720EST			0	0	?	?	Hail (1.00)
Walker County LaFayette	04	1845EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds knocked down trees and power lines in and around LaFayette as well as the southern portions of the county.
Long County Ludowici	06	1445EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds knocked down several trees.
Bryan County Blitchton	06	1515EST			0	0	20K	0	Thunderstorm Winds Thunderstorm winds destroyed E. T. Bath's Barn along with 1,500 bales of hay.
Effingham County Springfield	06	1645EST			0	0	4K	0	Thunderstorm Winds Thunderstorm winds knocked down several trees and large limbs.
Jenkins County 5 W Millen	06	2100EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds knocked trees down.
Burke County Midville	06	2015EST			0	0	1K	0	Thunderstorm Winds Thunderstorm winds knocked down a tree and several large limbs.
Chatham County Savannah	10	1625EST			0	0	0	0	Hail (1.00)
GEORGIA, North and Central Cont'd									
Chatham County 1 S Savannah	10	1646EST			0	0	0	0	Hail (0.75)
Fayette County 3 NW Fayetteville	11	1700EST			0	0	750	0	Thunderstorm Winds Thunderstorm winds knocked down eight pine trees ranging in diameter from six to 12 inches and took tops of larger trees.
Harris County 8 W Hamilton	11	1745EST			0	0	600	0	Thunderstorm Winds Thunderstorm winds knocked down three trees. One of the trees was blocking Georgia Highway 129.
Johnson County Wrightsville	11	2030EST			0	0	?	?	Hail (0.75)
Jenkins County	11	2145EST			0	0	8k	0	Thunderstorm Winds Thunderstorm winds knocked down trees and power lines in the northern half of the county.
Johnson County Wrightsville	11	2325EST			0	0	1K	0	Thunderstorm Winds Thunderstorm winds knocked down three parking signs, power was out throughout the city for six hours.
Treutlen County Soperton	12	0000EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked down a few large trees.
Candler County 12 N Metter	12	0015EST			0	0	20K	0	Thunderstorm Winds Thunderstorm winds uprooted and knocked down more than 15 trees, one of which rested against a home. The winds also stripped a 100 acres of beans and flattened 40 acres of corn.
Pulaski County 4 S Hawkinsville	12	0051EST			1	0	25K	0	Thunderstorm Winds Thunderstorm winds knocked a tree down on a home, killing one person inside. Trees and power lines were knocked down throughout the county. (F??PH)
Montgomery County 6 N Mount Vernon	12 12	0130EST- 0200EST			0	0	3K	0	Thunderstorm Winds Thunderstorm winds knocked down several trees and one telephone pole. Some of the trees destroyed were more than 60-years-old.
Sumter County Americus	12	0300EST			0	0	15K	0	Thunderstorm Winds Thunderstorm winds knocked down several one to two foot diameter trees. A one and one-half-foot diameter tree was snapped in half, and a metal shed was peeled back over a cyclone fence.
Rabun County Sky Valley	12	1415EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked several trees down in city limits.
Rabun County Mountain City	12	1445EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds blew down three trees in city limits, marble-size hail was also reported.
Habersham County Batesville	16	1445EST			0	0	7K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Thunderstorm winds in the northwest part of the county blew the roof of a barn off and caused damage to a shed. A few trees were downed on powerlines.									
Hart County Reed Creek	16	1600EST			0	0	400	0	Thunderstorm Winds
Thunderstorm winds blew a few trees down.									
Camden County St. Marys	16	1630EST			0	0	1.5K	0	Thunderstorm Winds
Thunderstorm winds knocked down numerous trees.									
Richmond County Hephzibah	16	1842EST			0	0	600	0	Thunderstorm Winds
Thunderstorm winds knocked trees and powerlines down.									
Taylor County Reynolds	16	1930EST			0	0	750	0	Thunderstorm Winds
Thunderstorm winds knocked numerous trees down on powerlines, resulting in power outages.									
Jefferson County Wrens Louisville	16	2000EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds knocked down trees and powerlines across northern portions of Jefferson County between Wrens and Louisville.									
Terrell County Parrott									
GEORGIA, North and Central Cont'd									
Herod	16	2030EST-			0	0	3K	0	Thunderstorm Winds
	16	2045EST							
Thunderstorm winds knocked trees down in northern part of the county. The thunderstorm winds ripped off a tin roof, blew down trees of varying sizes and scattered limbs and debris.									
Dougherty County Albany	16	2055EST-			0	0	15K	0	Thunderstorm Winds
	16	2130EST							
Thunderstorm winds blew five large pine trees down. Fallen trees were responsible for 700 people losing electricity, as well as causing minor damage to several homes.									
Camden County Spring Bluff	17	0258EST			0	0	0	200	Hail (0.75)
Camden County St. Marys	17	0314EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds knocked down several trees and blew down power lines within city limits.									
Fulton County Atlanta	17	1443EST			0	0	50K	0	Thunderstorm Winds
Hartsfield International Airport reported a wind gust of 53 knots. Thunderstorm winds blew 150 pound containers onto a 727 on the tarmac, cracking the outer shell of the aircraft. At least six planes had to return to the hangars due to damage.									
Clayton County Jonesboro	17	1500EST			0	0	3K	0	Thunderstorm Winds
Thunderstorm winds blew windows out of a business on Tara Boulevard.									
Early County Lucile	17	1530EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew trees down along Georgia State Road 39.									
Coweta County Haralson	17	1525EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew trees down onto power lines on Gordon Road.									
Meriwether County Alvaton	17	1540EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew trees down on power lines, resulting in power outages.									
Randolph County Coleman	18	1430EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew a few trees down across power lines along Georgia Highway 266.									
Clay County Suttons Countyrner	18	1445EST			0	0	500	0	Thunderstorm Winds
Thunderstorm winds blew a few trees down across power lines along Georgia Highway 37.									
Schley County Ellaville	18	1540EST			0	0	300	0	Thunderstorm Winds
Thunderstorm winds knocked two trees down on Concord Road.									
Muscogee County Columbus	18	1540EST			0	0	30K	0	Thunderstorm Winds
Thunderstorm winds knocked down several trees and a corrugated tin and steel beam wall of a building. The wall fell onto a parking lot, resulting in extensive damage.									
Gwinnett County Snellville	21	1235EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds snapped several telephone lines.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Jasper County 8 E Eudora	21	1330EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds blew several trees on power lines near Murder Creek Bridge at Georgia Highway 16, as well as Highway 142.
Putnam County Eatonton	21	1340EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down.
Grady County Spense	21	1449EST			0	0	60K	0	Thunderstorm Winds Thunderstorm winds completely destroyed a mobile home and knocked over countless trees in the area.
Jones County 18 E James	21	1530EST			0	0	?	?	Hail (1.75)
Madison County 5N Athens	21	1600EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds uprooted a large Walnut tree, and knocked several others down in the same area.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central Cont'd									
Jackson County Nicholson	21	1615EST-			0	0	500	0	Thunderstorm Winds
	21	1630EST							Thunderstorm winds knocked several trees down across roads; powerlines were also snapped.
Madison County Hull	21	1635EST			0	0	20K	0	Thunderstorm Winds
Hull	21	1635EST			0	0	0	0	Hail (1.75) Thunderstorm winds blew several trees on some houses.
Madison County Danielsville	21	1645EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds knocked several trees down on power lines.
Barrow County Statham	21	1717EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds blew several trees down.
Rockdale County Conyers	21	1737EST			0	0	50K	0	Thunderstorm Winds
									Thunderstorm winds knocked over a concrete wall, damaging a building, ripping shingles from the front of the shopping center. Street lights were also damaged by the winds.
Houston County Warner Robbins	23	1559EST			0	0	?	?	Hail (1.00)
Twiggs County Huber	23	1630EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds blew a few large trees down across highway.
Effingham County Guyton	23	1900EST			0	0	10K	0	Thunderstorm Winds
Springfield									Thunderstorm winds knocked numerous trees down.
Mitchell County Pelham	24	1415EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds knocked trees down along Georgia Highway 65 and along Georgia Highway 93, which is east of Cotton.
Calhoun County Leary	24	1435EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds knocked several trees down along County Road 148.
Macon County 4 NW Montezuma	24	1645EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds damaged trees in the area of Georgia Highway 128 and within the city of Montezuma.
Peach County 5 NE Fort Valley	24	1645EST			0	0	1K	0	Thunderstorm Winds
5 NE Fort Valley	24	1645EST			0	0	0	0	Flash Flood
									Thunderstorm winds downed trees along Georgia Highway 49 and Vinson Road. Water was also at least two feet deep in some areas.
Jefferson County Wadley	24	1755EST			0	0	20K	0	Thunderstorm Winds
									Thunderstorm winds blew trees down on house.
Wilkinson County 4 E Nickelsville	24	1830EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds blew several large trees down along Old Toombsboro Road.
Richmond County 8 S Augusta	24	1855EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds knocked trees and powerlines down within McBean.
Laurens County Dublin	24	1900EST			0	0	15K	0	Thunderstorm Winds
									Thunderstorm winds blew in plate glass window at auto dealership, seven cars were also damaged.
Burke County Girard	24	1932EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds knocked down trees, some of which fell on power lines, causing power outages.
Atkinson County Pearson	25	1645EST			0	0	40K	0	Thunderstorm Winds
									Thunderstorm winds knocked down a large tree and several limbs. The tree and limbs fell on a house, destroying it.
Chatham County	25	1715EST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds knocked down several trees county-wide.
Bacon County 10 SW Alma	25	1732EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds knocked down trees and limbs which were blocking the road.
GEORGIA, North and Central Cont'd									
Bulloch County Statesboro	25	1800EST			0	0	500	0	Thunderstorm Winds
									Thunderstorm winds knocked down several powerlines.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Appling County 40 N Waycross	25	1800EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds knocked down numerous trees over power lines across the entire county.
Ware County 5 E Bickley	25	1810EST			0	0	2.5K	0	Thunderstorm Winds Thunderstorm winds knocked down trees and power lines over the northern sections of the county.
Bacon County Alma	25	1813EST			0	0	0	0	Hail (0.75)
Pierce County Bristol	25	1830EST			0	0	0	0	Hail (0.75)
Bristol	25	1830EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds uprooted several trees and blew down power lines.
Liberty County Flemington	25	1850EST			0	0	1K	0	Thunderstorm Winds Thunderstorm winds knocked down several trees and power lines according to the Sheriff's Office.
Long County Ludowici	25	1915EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked several trees down within Ludowici.
Telfair County McRae	25 25	2000EST- 2030EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down on power lines.
Liberty County Flemington	25	2050EST			0	0	4K	0	Thunderstorm Winds Thunderstorm winds knocked down trees and power lines.
Rockdale County Conyers	26	1230EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds knocked several trees down on top of cars. Several power lines were knocked down by falling limbs in the same area.
Douglas County McWhorter Douglasville	26	1400EST			0	0	5K	0	Thunderstorm Winds Thunderstorm winds knocked down trees on Georgia Highway 5, in McWhorter. Thunderstorm winds also toppled several trees in Douglasville, one of which extensively damaged a building and caused minor damage to two cars.
Greene County White Plains	26	1400EST			0	0	500	0	Thunderstorm Winds
Hancock County Sparta	26	1415EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down on power lines in White Plains and Sparta.
Warren County Mayfield 10 S Barnett	26	1430EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked numerous trees down on power lines.
Warren County Warrenton	26	1445EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down on the Eastern part of Briarcreek Church Road.
Greene County 10 E Greensboro	26	1452EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down on Highway 78.
Upson County Thomaston	26	1500EST			0	0	500	0	Thunderstorm Winds Thunderstorm winds knocked trees down south of Thomaston.
Troup County LaGrange	26	1528EST			0	3	45K	0	Thunderstorm Winds Thunderstorm winds knocked a tree down on a house on Jefferson Street, there were also a tree down on Hill Street. Fallen trees damaged at least eight homes. Numerous trees fell on roads and cars, injuring two people in one car. More than 12,900 people were without power for part of the day. A child was injured when a tree fell onto an apartment.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central Cont'd									
Putnam County Eatonton	26	1609EST			0	0	500	0	Thunderstorm Winds
					Thunderstorm winds knocked trees down across Cole Branch and Pea Ridge Roads.				
Houston County Warner Robbins	26	1628EST			0	0	2K	0	Thunderstorm Winds
					Thunderstorm winds knocked over a light pole in the center of town. The power lines then started a tree on fire.				
Bibb County Macon	26	1630EST			0	0	2K	0	Thunderstorm Winds
					Thunderstorm winds knocked a light pole down next to the Weather Service office in Macon.				
Washington County 10 W Sandersville	26	1730EST			0	0	500	0	Thunderstorm Winds
					Thunderstorm winds knocked numerous trees down on power lines.				
Polk County Cedartown	26	1755EST-			0	0	1K	0	Thunderstorm Winds
	26	1835EST			Thunderstorm winds knocked trees down across Cedartown and the western portions of the county.				
Polk County Rockmart	26	1830EST-			0	0	1K	0	Thunderstorm Winds
	26	1900EST			Thunderstorm winds knocked down numerous trees throughout the county as well as several trees and powerlines within the city of Rockmart.				
Paulding County Braswell	26	1900EST			0	0	1.5K	0	Thunderstorm Winds
					Thunderstorm winds knocked numerous trees down between Braswell and Georgia Highway 61.				
Haralson County 5 N Tallapoosa	26	1932EST			0	0	500	0	Thunderstorm Winds
					Thunderstorm winds knocked down a couple of trees.				
Carroll County Temple	26	1935EST			0	0	1K	0	Thunderstorm Winds
					Thunderstorm winds knocked down several trees in the Venerable Road and Centerpoint Road Area.				
Gordon County Calhoun	26	1945EST			0	0	2K	0	Thunderstorm Winds
					Thunderstorm winds knocked over more than twenty trees, destroyed a barn and extensively damaged three buildings.				
Walker County Chickamauga Rossville	27	2110EST			0	0	1K	0	Thunderstorm wind
					Thunderstorm winds knocked down six large trees within Rossville and at least two trees in Chickamauga.				
Chickamauga	27	2110EST			0	0	?	?	Hail (0.88)
Jones County Round Oak	29	1330EST			0	0	300	0	Thunderstorm Winds
					Thunderstorm winds knocked down a large tree.				
Jones County Gray	29	1515EST			0	0	1K	0	Thunderstorm Winds
					Thunderstorm winds knocked down several trees in downtown Gray.				
Monroe County Bolinbrook High Falls	29	1530EST-			0	0	2K	0	Thunderstorm Winds
	29	1600EST			Thunderstorm winds knocked down a large tree along Highway 41. A couple of trees were also knocked down in High Falls and several power outages were reported.				
Jones County	29	1547EST			0	0	1K	0	Thunderstorm Winds
					Thunderstorm winds knocked down a power line along Highway 49.				
Jasper County Monticello	29	1551EST			0	0	1K	0	Thunderstorm Winds
					Thunderstorm winds knocked a couple of trees down onto powerlines, resulting in minor power outages.				
Bibb County Macon	29	1610EST			0	0	500	0	Thunderstorm wind
					Thunderstorm winds knocked down three large trees on the west side of town.				
Lamar County Barnesville	29	1615EST-			0	0	1K	0	Thunderstorm Winds
	29	1700EST			Thunderstorm winds knocked several trees down in Barnesville as well as in the eastern part of the county. Power outages				

GEORGIA, North and Central Cont'd

were reported within Barnesville.

**Spalding County
10 NE Griffin** 29 1641EST-

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
	29	1656EST			0	0	2K	0	Thunderstorm Winds
	Thunderstorm winds knocked down a large tree into a street. Trees were also reported to have fallen on a couple of different power lines, resulting in widespread power outages.								
Fayette County									
Fayetteville	29	1650EST- 1708EST			0	0	2K	0	Thunderstorm Winds
	Thunderstorm winds knocked down several trees onto powerlines. Power outages were reported starting at approximately 0600 and continuing through 2100.								
Pike County									
2 W Concord	29	1700EST			0	0	1K	0	Thunderstorm wind
	Thunderstorm winds knocked down several trees.								
Meriwether County									
Primrose									
Rocky Mount									
Greenville									
N Gay	29	1720EST			0	0	4K	0	Thunderstorm Winds
	Thunderstorm winds knocked down a pine tree on State road 85 just north of Gay. In Primrose, thunderstorm winds knocked trees into cars. Thunderstorm winds knocked down a tree in Rocky Mount. In Greenville a large tree was knocked down into a road.								
Muscogee County									
Columbus	29	1745EST			0	0	1K	0	Thunderstorm Winds
	Thunderstorm winds knocked a tree down onto electrical wire in the Sears Woods area. Several telephone and electrical wires were also reported downed.								
Troup County									
10 SW Hamilton	29	1800EST			0	0	1K	0	Thunderstorm Winds
	Thunderstorm winds knocked down several trees on Doublechurch Road, causing more than 100 people to lose power.								
IDAHO, Southwestern									
Ada County									
Meridian	06	1400MST			0	0	0	0	Hail (0.75)
Elmore County									
5 NW Mountain	06	1430MST			0	0	0	0	Heavy Rain
Home									
Lincoln County									
Ice Caves	06	1440MST			0	0	0	0	Hail (0.75)
Boise County									
Horseshoe Bend	06	1442MST			0	0	0	0	Hail (0.75)
Lowman	06	1755MST			0	0	0	0	Hail (0.75)
Blaine County									
20 S Hailey	06	1450MST			0	0	0	0	Hail (0.75)
	06	1600MST			0	0	0	0	Hail (0.75)
Butte County									
Craters of									
The Moon	06	1550MST			0	0	0	0	Hail (0.75)
Washington County									
Sturgell Mtn	06	1600MST			0	0	0	0	Thunderstorm Winds (G60)
Coeur d'Alene	06	1630MST			0	0	4	0	High Winds
Nez Perce County									
Lewiston	06	1648MST			0	0	3	0	Thunderstorm Winds (G59)
Shoshone County									
Silver Valley	06	1700MST			0	0	5	0	Thunderstorm Winds (G60)
Bonneville County									
Idaho Falls	06	1700MST			0	0	5	0	Lightning
Minidoka County									
Minidoka Dam	06	1715MST			0	0	0	0	Thunderstorm Winds (G60)
Cassia County									
Rupert	06	1740MST			0	0	0	0	Thunderstorm Winds (G60)
Idaho County									
Cottonwood	06	1800MST- 1900MST			0	0	4	4	Hail (1.00)

Several severe thunderstorms moved through the state of Idaho. One thunderstorm in Northern Idaho produced hail .75 inch to 1.50 inches in diameter and high winds that downed power lines and trees in Nez Perce, Lewis, Latah, Shoshone, and Idaho counties. In thirty minutes, one inch of rain fell just northwest of Mountain Home. Winds gusting to 60 miles per hour occurred at Osbourne, Sturgell Mountain, Rupert, and Minidoka Dam. One inch hail fell near Cottonwood and 1.50 inches hail fell at near Grangeville. This storm damaged the wheat and barley crops at a 100 percent loss in the Cottonwood area. Just south of Cottonwood trees were uprooted and the roof of an apartment building was torn off causing extensive property damage. This area also suffered a power outage. On Highway 95 near Lewiston Hill near Moscow two tractor-

IDAHO, Southwestern Contd

semitrailer were overturned by gusty winds. Power outages, telephone lines, trees downed, fire started by lightning caused damaged to an office building in Winchester. In the Peck area trees were downed and heavy rain caused visibility to decrease to zero at times. Winds at Fenn and Cottonwood shattered windows and hail dented automobiles. In Southwest Idaho, lightning ignited nine grass fires. The largest was only 200 acres and all fires were contained quickly. The Moscow-Pullman Airport lost power to their runway lights until 2130 MST. They had to divert and cancel flights. Lake Coeur d'Alene had eight foot swells causing a dock to be torn apart. In Silver Valley, gusty winds to 60 mph downed power lines and trees. Silver Valley was also without power for a short period of time.

Owyhee County

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Brace Flat	08	1600MST			0	0	0	0	Thunderstorm Winds (G61)
Horse Butte	08 08	1600MST- 1700MST			0	0	0	0	Thunderstorm Winds (G64)
A severe thunderstorm moved through Owyhee County with gusty winds. Another storm in Ada County downed trees and powerlines causing a power outage at the Bogus Basin Resort. The storm also caused three fire starts near the Mountain Home Community.									
Lemhi County Nr Salmon	09	1100MST			0	0	0	0	Thunderstorm Winds (G64)
Canyon County	09	1440MST			0	0	?	0	Hail (1.00)
Owyhee County 6 W Murphy	09	1445MST			0	0	0	0	Hail (0.75)
	09	1500MST			0	0	0	0	Hail (0.75)
7 NW Grandview	09	1645MST			0	0	0	0	Hail (0.75)
Idaho County Red River	09	1520MST			0	0	0	0	Hail (1.00)
Ada County 3 NNE Boise	09	1542MST			0	0	0	0	Hail (0.75)
Black Creek	09	1550MST			0	1	3	0	Hail (1.50)
Blaine County Ketchum	09	1550MST			0	0	4	0	Flood
Idaho County Nr Elk City	09	1551MST			0	0	0	0	Hail (1.00)
Payette County 6 SE New Plymouth	09	1650MST			0	0	3	0	Hail (0.75)
Idaho County Grangeville	09 09	2145MST- 2230MST			0	0	3	0	Thunderstorm Winds (G60)
Severe thunderstorms hit Idaho once again bringing large hail, gusty winds and some brief heavy rain. Wind and hail damage occurred in several locations. Gusts to 70 mph in Butte and Clark Counties tipped over two tractor-semitrailers. In Rathdrum property damage was estimated at \$1 million. New Plymouth suffered crop damage. One man was injured by 1.5 inch hail near Black Creek along Interstate 84. Due to heavy rains the Big Wood River rose to flood stage flooding some riverfront property near Ketchum.									
Blaine County Hailey	10	1600MST			0	0	4	0	High Winds
Payette County New Plymouth	10	1650MST			0	0	0	0	Hail (0.75)
Elmore County Black Butte	10	1700MST			0	0	3	0	Wildfire
Blaine County Horten Peak	10	1720MST			0	0	0	0	Thunderstorm Winds (G60)
20 SE Hailey	10	1733MST			0	0	0	0	Thunderstorm Winds (G60)
5 S Ketchum	10 10	1735MST- 1830MST			0	0	0	0	Thunderstorm Winds (G62)
Gusty winds and hail associated with severe thunderstorms moved through southern Idaho and parts of northern Idaho. In Dubois, a tractor-semitrailer was overturned causing the road to close for an hour. Trees and power lines were downed in the Hailey and the Terreton area. Lightning also caused seven fire starts. The largest fire was 500 acres at Black Butte.									
Clark County 1 S Dubois	11	1500MST			0	3	4	0	High Winds
Jefferson County 9 N Hamer	11	1500MST			0	0	3	0	High Winds
Sage Junction	11 11	1513MST- 1600MST			0	0	0	0	Thunderstorm Winds (G70)
High winds blew tractor-semitrailer off of Interstate 15 injuring three people in Clark County. A tractor-semitrailer was also blown off of Interstate 15 in Jefferson County. At Port of Entry at Sage Junction winds were clocked at 70 mph. In Dubois, widespread glass damage occurred as well as roof and siding damage to many structures. Power lines and trees were also downed.									
Valley County 30 E McCall	12	0345MST			0	0	0	0	Hail (0.75)
IDAHO, Southwestern Cont'd									
Warm Lake	12	0445MST			0	0	3	0	Thunderstorm Winds (G60)
Early morning severe thunderstorms produced strong gusty winds and hail.									
Ada County Cinder Butte	12	1230MST			0	0	0	0	Hail (0.75)
Lucky Peak Dam	12	1305MST			0	0	0	0	Thunderstorm Winds (G60)
Elmore County Mayfield	12	1245MST			0	0	0	0	Hail (1.50)
Nr. Arrowrock Dam	12	1310MST			0	0	3	0	Thunderstorm Winds (G60)
Boise County Highway 21 Nr Lowman	12	1405MST			0	0	0	0	Hail (0.88)
Idaho County Hells Lookout	12 12	1542MST- 1630MST			0	0	0	0	Hail (1.50)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Afternoon thunderstorms produced large hail in Ada, Elmore and Idaho Counties. Gusty winds downed trees near Arrowrock Dam.									
Nez Perce County Palouse Area	13	1430MST-							
	13	1530MST			0	0	3	3	Thunderstorm Winds (G60)
Winds gusted to 60 mph in the Palouse area. In Orofino trees were downed and at Peck over 70 trees at one farm were downed.									
Jefferson County Mud Lake	16	1500MST							
	16	1700MST-			0	0	3	3	Thunderstorm Winds (G80)
Strong winds at Mud Lake uprooted trees, blew shingles from roofs, destroyed crops and gardens, and moved any loose objects.									
Idaho County S of Riggins	20	1535MST-							
	20	1700MST			0	0	5	0	Heavy Rain
Heavy rains caused mud slides to close Highway U. S. 95.									
Adams County New Meadows	20	1700MST			0	0	3	0	High Winds
Valley County McCall	20	1710MST			0	0	3	0	High Winds
Brundage Mountain	20	1730MST			0	0	0	0	Thunderstorm Winds (G65)
Owyhee County Riddle	20	1805MST-							
20	1900MST			0	0	0	0	Hail (0.75)	
Strong gusty winds downed trees and powerlines in Valley and Adams Counties. In Howe, trees were uprooted and the post office suffered wind damage. While in McCall two houses were damaged by the wind as well as a truck that was smashed by a downed tree. Dime-size hail fell at Riddle in Owyhee County.									
Owyhee County 12 W Grandview	21	1605MST-							
	21	1700MST			0	0	0	0	Hail (0.75)
A severe thunderstorm in Owyhee County produced 0.75 inch hail.									
Bonneville County Idaho Falls Idaho Falls	22	1430MST			0	0	3	0	Lightning
	22	1450MST-							
	22	1600MST			0	0	3	0	Lightning
Lightning struck two homes in Idaho Falls setting them on fire. Minor damage occurred.									
Clearwater County Kamiah	28	1840MST			0	0	0	0	Hail (1.00)
Custer County Challis	28	2028MST-							
28	2130MST			0	0	0	0	Thunderstorm Winds (G60)	
In Challis strong winds downed trees and power lines causing the power to go out.									
Ada County Kuna	28	1500MST			2	0	4	0	Lightning
Owyhee County 35 S Glenns Ferry	28	1530MST			0	0	4	0	Lightning
Elmore County Twin Buttes	28	1600MST-							
30	2000MST			0	0	4	0	Wildfire	
Lightning caused over 90 fire starts between the 28th and the 30th. Most of these fires were less than an acre and were contained quickly. Three fires were much larger and threatened life and property. The Kuna fire which claimed the lives									
IDAHO, Southwestern Cont'd									
of two volunteer firefighters burned 32,000 acres. The Twin Buttes fire burned 37,000 acres and the Tuana Complex fire near Glenn's Ferry burned 100,000 acres.									
Custer County 18 N Challis	29	1000MST			0	0	3	0	Thunderstorm Winds (G60)
Ada County Boise	29	1408MST			0	0	0	0	Thunderstorm Winds (G60)
Boise	29	1415MST			0	0	3	0	High Winds
Valley County Smiths Ferry	29	1500MST			0	0	?	0	Hail (0.75)
McCall	29	1650MST			1	12	3	0	Lightning
Payette County Payette	29	1913MST-							
29	2100MST			0	0	0	0	Hail (1.75)	
Severe thunderstorms brought gusty winds to Boise causing some minor damage. Trees three-to four-feet in diameter were broken in two pieces. In Challis tree limbs were broken off while in Salmon and Arco sheds were mangled. In Soda Springs high winds toppled a tree and in Emmett fallen trees smashed a car. A house in Blackfoot was struck by lightning and a fire was started only causing minor damage. In McCall a man was struck and killed by lightning at a rodeo. Twelve others were injured by the strike.									

ILLINOIS, Northeast

Storm Data and Unusual Weather Phenomena

July 1995

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

Winnebago County Rockford

04	2245CST	?	?	50K	0	Thunderstorm Winds (G70)			
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A wind gust to 81 mph was recorded at the Rockford Airport. One small plane was blown loose and into the grass and another was flipped over. A 727 was spun 90 degrees by the wind.

ILZ003>006-008-010>014-019>023-032-033-039 Northeast Illinois

12	1100CST-			583	?	?	0	Heat		
16	1700CST									

An intense heat wave affected northern Illinois from Wednesday July 12 through Sunday July 16. The heat wave tied or broke several temperature records at Rockford and Chicago. But what set this heat wave apart from others was the extremely high humidities. Dew point temperatures peaked in the lower 80s late Wednesday the 12th and Thursday the 13th and were generally in the middle and upper 70s through the rest of the hot spell. The combined and cumulative effects of several days of high temperatures, high humidity, intense July sunshine (100% possible sunshine recorded at O'Hare Airport in Chicago July 13) and light winds took their toll. 583 people died as a result of the heat in Chicago and surrounding areas. Official temperature at Chicago's O'Hare International Airport were 7/12 minimum 73 maximum 97 (tied record), 7/13 minimum 81 (record) maximum 104 (record), 7/14 minimum 83 (record), maximum 100 (tied record), 7/15 minimum 75, maximum 98, 7/16 minimum 74 maximum 93. The heat peaked on Thursday July 13. O'Hare had a high of 104 and a low of 81 for an average of 93, 20 degrees above normal. (The all-time record high for Chicago is 105.) The heat index peaked at 119 at 1300 and 1700. At Midway Airport the temperature hit 106. (Midway is not the official Chicago reporting station so the 106 did not become Chicago's official highest temperature.) The heat index at Midway reached 125 at 1400 when the temperature was 103 and the dew point was 79. What was really remarkable was that Meigs Field which sits on a small peninsula over the cool waters of Lake Michigan off the Chicago lakefront reached 103 degrees with a heat index of 115. Rockford had high temperatures of 97, 98, 97 and 94 on the 12 through 15th, respectively. The minimum of 75 on the 14th was a record. The heat index peaked at 125 at 1800 pm on the 13th when the temperature was 98 with a dew point of 83!

Commonwealth Edison, which provides much of northern Illinois and virtually all of the Chicago metropolitan area with power, had record demands for electricity on the 12th through the 14th. Power output was 18,234, 19,151 and 19,201 megawatts respectively. Transformers blew in the southwest suburbs near Joliet causing rolling power outages on the 13th and 14th. The north side of Chicago also lost power as did the northwest suburb of Cary. Draw bridges over the Chicago River had to be hoisted down so they would operate and close properly. Several roads buckled from the heat. As many as 500 fire hydrants were opened in Chicago causing loss of water pressure. The city of Chicago used a record 1.8 billion gallons of water on the 13th. The city's water system has a capacity to pump 2 billion gallons a day.

There were over 580 fatalities attributed to the heat. Most of them occurred in the city of Chicago. Most of the deaths occurred two to three days following the peak of the heat wave. Many were elderly people living alone in homes or apartments with no air conditioning. Some had miled windows shut and were afraid to go out because of crime in their neighborhoods. Emergency officials found people in homes with room temperatures of 120 degrees or higher. Here is a break down of fatalities by county: Lake County, 1 (Ingleside), Grundy County, 1 (Morris), Kane County, 7 (all in Aurora), Winnebago County, 5 (all in Rockford), Will County, 1 (Joliet), Cook, 568. The information from Cook County was provided by the Cook County Medical Examiners Office. 64 of the deaths occurred in suburban Cook County. 504 occurred in Chicago. The dates of the deaths are not known in all cases. Many of the examinations occurred in the days following the heat wave, more occurred later as funeral home and hospital records were checked. Heat was the primary cause of death in 75 of the cases and a secondary cause in the rest of the deaths. Information on morbidity is being compiled by the Cook County Department of Health. An estimate on number of injuries will be available later this year as an addition.

F78PH, F87PH, M43OU, F38PH, M56PH, M67PH, M68PH, M84PH, M81PH, F91PH, M58PH, M60PH, M42PH, M73PH, M57PH, M32PH, M86PH, M75PH, F64PH, M88PH, F70PH, M69PH, M86PH, F72PH, M76PH, F83PH, M74PH, F68PH, M68PH, F83PH, M86PH, F87PH, M58PH, M38PH, F74PH, M55PH, M57PH, F85PH, M03VE, M03VE, F77PH, M78PH, F87PH, M60PH, F41PH, F80PH, F75PH, M65PH, F46PH, F89PH, M64PH, F79PH, M09PH, M59PH, M47PH, F95PH, M81PH, F97PH, M85PH, F103PH, M86PH, F57PH, F29PH, F90PH, F87PH, F80PH, M60PH, M82PH, M75PH, F72PH, M40PH, M89PH, M45PH, F52PH, M80PH, M60PH, M??PH, M51PH, M58PH, M45PH, F91PH, M61PH, M41PH, M65PH, F91PH, M39PH, M56PH, F65PH, F94PH, F87PH, F91PH, M81PH, M45PH, M82PH, F42PH, M65PH, F80PH, M60PH, M74PH, M63PH, M84PH, F84PH, M80PH, M86PH, M59PH, F83PH, F79PH, M67PH, F71PH, F??PH, M87PH, F87PH, F84PH, F78PH, F90PH, F41PH, F79PH, F83PH, M73PH, M75PH, M77PH, F66PH, M80PH, M87PH, M53PH, F29PH,

ILLINOIS, Northeast Cont'd

F82PH, M67PH, F75PH, M90PH, M67PH, M66PH, F98PH, F95PH, M35PH, M62PH, F85PH, F85PH, M86PH, M72PH, M53PH, F89PH, M80PH, M77PH, M56PH, F55PH, F93PH, M71PH, F74PH, F42PH, M81PH, F77PH, F75PH, F81PH, M92PH, M76PH, F71PH, M56PH, F72PH, F83PH, M79PH, F98PH, F75PH, M55PH, F73PH, F79PH, F83PH, F94PH, M76PH, M58PH, F52PH, M44PH, F87PH, M66PH, M55PH, F86PH, F88PH, F80PH, F87PH, F91PH, F69PH, F74PH, M77PH, F84PH, M69PH, M48PH, F82PH, F41PH, M69PH, F84PH, M71PH, M83PH, M88PH, M74PH, M79PH, M64PH, F92PH, M67PH, M53PH, M95PH, F90PH, M84PH, M67PH, M60PH, F85PH, M66PH, M62PH, M71, M68PH, F78PH, M71PH, F84PH, F77PH, M63PH, F65PH, M45PH, M56PH, M76PH, M42PH, F85PH, F86PH, M55PH, M85PH, M78PH, F91PH, F69PH, F94PH, M40PH, M77PH, F81PH, F85PH, M70PH, M64PH, M84PH, F70PH, F70PH, M61PH, M80PH, M87PH, F76PH, M65PH, M47PH, M47PH, F69PH, M64PH, F86PH, M57PH, M74PH, M55PH, F78PH, M85PH, M51PH, M71PH, F72PH, F85PH, M60PH, M72PH, F92PH, F49PH, M46PH, F85PH, M64PH, F69PH, M87PH, F89PH, M70PH, F69PH, M67PH, M40PH, M86PH, F86PH, F84PH, M54PH, M78PH, F81PH, M48PH, M54PH, F80PH, M64PH, M79PH, M60PH, M80PH, F86PH, F93PH, F80PH, M71PH, M47PH, F89PH, F60PH, F88PH, M84PH, F81PH, F70PH, F86PH, F77PH, F75PH, F68PH, M85PH, F87PH, M55PH, M84PH, F83PH, M??PH, F71PH, M82PH, M64PH, F65PH, F72PH, M91PH, M66PH, M47PH, F89PH, F80PH, F77PH, F81PH, F80PH, F67PH, F84PH, M52PH, F79PH, F81PH, F65PH, F70PH, M64PH, M62PH, M42PH, M64PH, M62PH, M56PH, F80PH, M65PH, F85PH, M40PH, M76PH, M80PH, F82PH, M62PH, M60PH, M76PH, F83PH, F85PH, M77PH, M71PH, F90PH, F79PH, M83PH, F72PH, F76PH, M71PH, F77PH, M64PH, F54PH, M75PH, M68PH, M57PH, M55PH, F81PH, M55PH, M86PH, M47PH, M48PH, F82PH, F62PH, M53PH, M69PH, M65PH, M65PH, M77PH, M63PH, M42PH, M62PH, F94PH, M84PH, F78PH, M71PH, F69PH, F78PH, M47PH, F57PH, F83PH, F80PH, M76PH, F82PH, M71PH, M65PH, M50PH, F87PH, M60PH, F78PH, M85PH, M70PH, F92PH, M73PH, F80PH, M72PH, M78PH, F59PH, F97PH, F62PH, F32PH, F83PH, F76PH, M77PH, M1PH, F86PH, M73PH, F71PH, M67PH, F87PH, M69PH, F82PH, M53PH, M67PH, F61PH, M48PH, M75PH, M70PH, M88PH, F66PH, M70PH, F81PH, F73PH, M70PH, M74PH, F85PH, F88PH, F71PH, M65PH, F77PH, F78PH, M80PH, F56PH, F82PH, F66PH, M61PH, F75PH, M88PH, F77PH, M45PH, M74PH, M65PH, F63PH, M70PH, M75PH, M85PH, M86PH, M58PH, F78PH, F79PH, M75PH, M69PH, F96PH, M68PH, M83PH, F78PH, M71PH, M62PH, M65PH, M60PH, M71PH, F31PH, F78PH, M81PH, M83PH, F90PH, M40PH, F72PH, M68PH, F60PH, M52PH, M65PH, M75PH, F77PH, F60PH, M48PH, F82PH, F72PH, F54PH, F75PH, M92PH, F82PH, M70PH, M60PH, F79PH, M80PH, F92PH, M91PH, F86PH, F67PH, F63PH, F78PH, M35PH, M46PH, M79PH, F66PH, M55PH, M72PH, M72PH, F80PH, M75PH, F78PH, M75PH, F80PH, M50PH, F84PH, F72PH, F82PH, M63PH, F73PH, M55PH, M85PH, F73PH, F91PH, F93PH, M63PH, M69PH, F83PH, F68PH, M71PH, F92PH, M88PH, M61PH, M69PH, M75PH

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
F89PH, M47PH, F73PH, F84PH, F75PH, F93PH, M73PH, M41PH, M71PH, F85PH, M65PH, M78PH, M59PH, M58PH, F55PH, M43PH, M95PH, F47PH, F89PH, F81PH, F86PH, M88PH, F90PH, M68PH, F82PH, F80PH, F80PH, M69PH, F64PH, M87PH, M85PH, F86PH, F99PH, F72PH, M80PH, F89PH, F77PH, M72PH, M86PH, F83PH, F78PH, M70PH, M85PH, M85PH, F90PH, F79PH, M84PH, F56PH, F66PH, F60PH, F75PH, F50PH, F79PH, F85PH, F79PH, F72PH, M78PH, F86PH, M67PH.									
Kankakee County Hopkins Park	16	1700CST					5K	0	Thunderstorm Winds
Part of a roof of a mobile classroom was torn off by winds.									
Ogle County Rochelle and Polo	20	1330CST			?	?	0	0	Funnel Clouds
Several funnel clouds were spotted near Rochelle and Polo. None of them touched down and there was no damage.									
Boone County Belvidere	24	1450CST			?	?	1K	0	Thunderstorm Winds
Windows were blown in at the Belvidere Oasis over the Interstate 90 tollway.									
Cook County Chicago	25	1830CST			0	2	0	0	Lightning
A 30-year-old man and a 13-year-old boy were struck by lightning on a parkway in the West Lawn neighborhood of Chicago. The boy was not breathing but was revived by CPR from a neighbor. He was in critical condition at a hospital in Oak Lawn. The man had burns on his face and was in shock. A 2-year-old was thrown from the mans arms but was not injured.									
Cook County Broadview, Oak Park, Maywood, Brookfield, Lyons, and west side of Chicago	25 25	1630CST- 1930CST			?	?	0	0	Urban Flood
Slow moving thunderstorms with heavy rainfall formed along the lake breeze over the west side of Chicago and the near west suburbs. This resulted in street flooding.									
La Salle County Streator	26	1415CST			?	?	?	?	Thunderstorm Winds
Streator police reported tree limbs and power lines down in Streator.									
Livingston County Manville	26	1420CST			?	?	?	?	Thunderstorm Winds
Trees were blown down at a farm.									
Lee County 2 E Dixon	27	1820CST	.2	20	?	?	0	0	Tornado (F0)
Emergency management reported a tornado at Sterling and Lyons Road east of Dixon. No damage was reported.									
Kane County Batavia	27	1840CST			?	?	0	0	Hail (0.88)
Lake County Round Lake Beach	27	1845CST			?	?	2K	0	Thunderstorm Winds
Five to eight inch diameter tree limbs fell. Falling limbs damaged a garage roof.									
ILLINOIS, Northeast Cont'd									
Kankakee County Manteno	27	2030CST			?	?	100K	?	Thunderstorm Winds
About 20 empty tractor-semitrailers were knocked over, upended or blown on top of each other. A tractor-semitrailer was overturned on the Interstate 57 entrance ramp at Manteno. Several trees and limbs were blown down in town, mainly on the west side. Porches and gutters were damaged on a few homes. Crops were also flattened by winds.									
Cook County	29 31	1100CST- 1900CST			12	?	0	0	Heat
Another hot spell affected Chicago. The heat was not as intense as the mid-July heat. High temperatures were 95, 98 and 95, respectively. Dewpoints were in the 70's and the maximum heat indices were around 110. One death occurred in Melrose Park, one in Niles and 12 in Chicago. In four of the deaths heat was the primary cause. Heat was the secondary cause in the other eight deaths. M67PH, F79PH, M62PH, F85PH, F83PH, M65PH, M65PH, M57PH, F88PH, F34PH, M52PH, M73PH.									
ILLINOIS, Southeastern									
Crawford County Robinson	15	1330EST			0	0	1K	0	Hail (0.75)
Crawford County Countywide	23	1234EST			0	0	15K	0	Thunderstorm Winds
Numerous trees and a few power lines were blown down across the county.									
Lawrence County Countywide	23	1234EST			0	0	15K	0	Thunderstorm Winds
Numerous trees were blown down across the county.									
Wayne County Johnsville	31	1348EST			0	0	1K	0	Hail (0.75)
Clay County	31	1430EST			0	0	10K	0	Thunderstorm Winds
60 mph winds were estimated along route 50 where several power lines and poles were blown down.									
ILLINOIS, Southern									
Massac County Brookport	04	1801EST			0	0	0	0	Thunderstorm Winds (G50)
Trees and power lines were blown down.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILZ081-082-084 07-085-086-088> 23 094 Southern IL					0	0	50K		Heat Wave
<p>Hights rose into the 90s with lows in the 70s for about two weeks. High humidity resulted in heat index values approaching 115 degrees. The prolonged heat caused parts of Interstate 57 to buckle. Illinois State Police diverted traffic from a badly damaged lane seven miles north of Cairo. At least one utility company reported that its all-time record for power usage was broken.</p>									
ILLINOIS, Southwestern									
ILZ049-058>060-064>066-069-070-074-075-079-080-095>102 West Central and Southwest Illinois	11 17	1200CST- 1200CST			2	95	50K	.2M	Heat
<p>A very hot and humid airmass settled into the region on the 11th with nearly a week of high temperatures close to 100 degrees and heat indices approaching 120 at times. Known deaths were in the metropolitan areas east of St. Louis, with most victims elderly and living alone. In St. Clair County, a 42-year-old man was found on the second floor of his Fairmont City apartment building. A 69-year-old man was also found in Swansea with no air conditioning and all windows closed in his apartment. Many roads through out the region also buckled from the extreme heat and crops withered with the dry weather. There was a widespread loss of livestock although dairy cows produced less milk and cattle/swine/chickens put on less weight. M42PH, M69PH, F66PH, M83P, M75P.</p>									
Montgomery County Walshville Coffeen	22 22	1130CST 1148CST			0 0	0 0	3.3K 8.3K	0 0	Thunderstorm Winds Thunderstorm Winds
<p>A cooperative observer reported large trees down, a damaged grain bin, and a damaged siloh near Walshville. Power lines and road signs were blown down near Coffeen. Large trees were also toppled, one of which fell and heavily damaged a mobile home and nearby house.</p>									
Pike County Perry Griggsville	25 25	1815CST 1815CST			0 0	0 0	0 0	0 0	Hail (0.75) Hail (0.75)
Greene County 1.5W Barrow Greene County 2 SW Roodhouse	25 25	1915CST 1940CST- 1950CST	2.2	125	0 0	0 0	0 .2K	0 2.2K	Hail (1.75) Tornado F0
<p>A slow moving tornado touched down between Roodhouse and White Hall. It remained on the ground for about 10 minutes and damaged crops in fields along Highway 267.</p>									
Greene County White Hall	25	1954CST			0	0	.3K	0	Thunderstorm Winds (G52)
ILLINOIS, Southwestern Cont'd									
Wind gusts reached 60 mph with several large trees blown down.									
Macoupin County Palmyra Womac	25 25	2015CST 2045CST			0 0	0 0	.2K .2K	0 0	Thunderstorm Winds Thunderstorm Winds
<p>Large trees were blown down.</p>									
Montgomery County Hillsboro Raymond 2 N Raymond	25 25 25	2105CST 2115CST 2124CST			0 0 0	0 0 0	0 .3K .2K	0 0 0	Hail (0.88) Thunderstorm Winds Thunderstorm Winds
<p>Large trees and power lines were blown down across much of the county.</p>									
ILZ049-058>060-064>066-069-070-074-075-079-080-095>102 West Central and Southwest Illinois	28 31	1200CST- 1200CST			0	30	5K	10K	Heat
<p>Another heat wave moved into the area with heat indices at 110 for several days. Several people were treated in area hospitals for heat related illnesses, mainly across metropolitan areas just east of St. Louis.</p>									
INDIANA, Central									
Fountain County Attica	09	1630EST			0	0	2K	0	Thunderstorm Winds
<p>Power lines were downed just east of Attica.</p>									
Fountain County	09	1635EST			0	0	0	?	Hail (1.75)
<p>Golf ball-size hail damaged or destroyed several thousand acres of corn and soybeans. Damage estimates were not available.</p>									
INZ001>092	13 16	1200EST- 2300EST			14	?	1M	?	Heat Wave
<p>Heat wave conditions developed across all of Indiana. High temperatures reached between 95 and 105 degrees with heat indices between 100 and 120 degrees. The Evansville area temperatures reached or exceeded 95 degrees from July 11-17. Nearly all heat related deaths occurred in the sick or elderly populations and most occurred in northwest Indiana. Also, nearly 800,000 baby chickens died at the Rose Acre Farms in Seymour resulting in losses totaling near one million dollars F81PH, M47PH, F71PH, F81PH, M87PH, M75PH, F65PH, M52OU, F71PH, M52PH, M72PH, M40OU, M68OU, F02PH</p>									
Randolph County 2 NW Union City	15	1205EST			0	0	5K	0	Thunderstorm Winds
<p>Utility poles and power lines were downed.</p>									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Marion County 9 NE Indianapolis	15	1220EST			0	0	?	?	Hail (1.75)
Randolph County Parker City	15	1310EST			0	0	?	?	Hail (1.00)
Monroe County	15	1520EST			1	1	?	?	Lightning
One man was killed and another injured after they were struck by lightning while standing under a tree. The men had just exited a boat at Monroe Reservoir after a strong thunderstorm moved through. M47UT									
Monroe County 2 E Harrodsburg	15	1521EST			0	0	0	0	Thunderstorm Winds
Trees were downed.									
Jackson County Reddington	15	1550EST			0	0	?	?	Hail (1.75)
Howard County 5 SW Kokomo	15	1630EST			0	0	90K	0	Lightning
Lightning struck two homes causing fire damage.									
Howard County Kokomo	15	1704EST			0	0	5K	0	Thunderstorm Winds
Power lines were downed.									
Howard County 5 NW Kokomo	15	1734EST			0	0	?	?	Hail (0.88)
Tippecanoe County Buck Creek	15	1745EST			0	0	0	0	Thunderstorm Winds
Three large trees were uprooted.									
Johnson County Franklin	16	1600EST			0	0	2K	?	Lightning
Lightning caused a house fire.									
Johnson County Franklin	16	1610EST			0	0	?	?	Thunderstorm Winds
Thunderstorm winds blew down an acre of corn.									
Shelby County	16	1630EST			0	0	5K	0	Thunderstorm Winds
INDIANA, Central Cont'd									
Trees and power lines were downed west of Shelbyville.									
Shelby County 10 SW Shelbyville	16	1852EST	0.1	10	0	0	0	0	Tornado (F0)
Bartholomew County Columbus	16	1950EST			0	0	0	0	Thunderstorm Winds
Trees were downed.									
Henry County New Castle Mount Summit	22	1530EST			0	0	20K	0	Thunderstorm Winds
Trees and power lines were downed. The top of a 140-foot radio tower was blown down in New Castle.									
Shelby County Shelbyville	22	1655EST			0	0	3K	0	Thunderstorm Winds
Numerous trees were downed.									
Hamilton County Noblesville	23	1330EST			0	0	20K	0	Lightning
Lightning struck an apartment causing a small fire.									
INDIANA, Northwest									
Elkhart County Middlebury	15	1406EST			?	?	0	0	Hail (0.88) Thunderstorm Winds
Nickel-size hail fell and winds blew down a four-inch tree limb onto a power line.									
Lake County Dyer	15	2040EST			?	?	10K	0	Thunderstorm Winds
Winds tore the roof off a building at Dyer.									
Marshall County Plymouth	16	1420EST			?	?	?	?	Thunderstorm Winds
Trees were blown down.									
St. Joseph County South Bend	16	1510EST			?	?	0	0	Thunderstorm Winds (G52)
La Porte County La Porte	16	1530EST			?	?	10K	0	Thunderstorm Winds
The county sheriff reported extensive tree and power line damage from winds estimated to be 55 to 70 mph.									
St. Joseph County South Bend	16	1550EST			?	?	0	0	Thunderstorm Winds Urban Flood
Trees and power lines were blown down. Heavy rain caused street flooding.									
White County 2 NE Monticello	16	1740EST			?	?	?	?	Thunderstorm Winds Small Stream/Urban Flood

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Numerous tree limbs and power lines were downed. Extensive flooding of roads occurred, mainly east of Route 39.									
Starke County Hamlet	22	1936EST			?	?	15K	?	Thunderstorm Winds
The Hamlet fire department reported damage to trees and power lines. One tree fell on a mobile home, splitting it in half. Trees were toppled on a golf course and on a motel.									
Elkhart County 5 E Elkhart	24	0855EST			?	?	?	?	Thunderstorm Winds
The county sheriff reported trees down on County Road 17.									
INDIANA, Northeast									
Lagrange County	15	1434EST			0	0	3K	?	Thunderstorm Winds
Large trees were blown down in Shipshewana and Topeka.									
	15	1440EST			0	0	0	9K	Hail (0.75)
Three-quarters inch diameter hail was reported at a number of locations across LaGrange County producing some crop damage.									
Allen County	15	1512EST			0	0	0	0	Thunderstorm Winds
60 mph winds were reported on the northside of Fort Wayne.									
	15	1514EST			0	0	9K	0	Hail (2.75)
2.75 inch diameter hail was reported on Wells Street on the Northside of Fort Wayne. Several automobiles and house sustained hail damage.									
	15	1530EST			0	0	2K	0	Thunderstorm Winds
Several large trees were blown down near Interstate 69 on the westside of Fort Wayne.									
Steuben County	15	1540EST			0	0	4K	0	Thunderstorm Winds
Large trees and powerlines were blown down in Southwest Steuben County.									
DeKalb County	15	1554EST			0	0	1K	0	Thunderstorm Winds
Powerlines were blown down in Waterloo.									
Allen County	12								
INDIANA, Northeast Cont'd									
	16				0	80	0	0	Extreme Heat
Eighty people were treated in Fort Wayne for heat related illness produced by temperatures in the 90s and high humidities.									
Allen County	22	1545EST			0	0	2K	0	Thunderstorm Winds
A number of large trees were blown down near Spencerville.									
	22	1610EST			0	0	1K	0	Thunderstorm Winds
Several large trees were blown down near Grabil.									
Grant County	23	1350EST			0	0	.05M	0	Thunderstorm Winds
Strong thunderstorm winds blew down three barns, trees and power lines near Fairmount.									
Wabash County	26	2144EST			1	0	0	0	Lightning
A 31-year-old male was killed by lightning in Wabash. The man was fishing in the Wabash River in a boat and went ashore on an island where he was struck.									
INDIANA, Southeast									
Switzerland County Pleasant	04	2250EST			0	0	4K	0	Thunderstorm Winds
Trees and power lines were downed.									
INZ073-074 Part of Southeast Indiana	04	2310EST-							
	05	0030EST			0	0	7K	0	High Winds
Strong winds ahead of an area of dissipating thunderstorms downed several trees and power lines. Winds were estimated to be between 40 and 60 mph. The majority of the damage occurred in Lawrenceville and Moores Hill (Dearborn County).									
Wayne County Countywide	15	1255EST-							
	15	1415EST			0	0	2K	0	Flash Flood
Nearly three inches of rain fell in less than two hours causing flooding of some streets and low lying areas.									
Wayne County 3 S Centerville	15	1309EST			0	0	2K	0	Thunderstorm Winds
Two large trees were blown down.									
Dearborn County Lawrenceville Dearborn County North Half	15	1343EST			0	0	0	0	Hail (0.75)
	15	1500EST-							
	15	1510EST			0	0	4K	0	Thunderstorm Winds
Trees were downed at several locations.									
Dearborn County Countywide	15	1500EST-							
	15	1645EST			0	0	3K	0	Flash Flood
Franklin County Countywide	15	1500EST-							
	15	1645EST			0	0	3K	0	Flash Flood
Thunderstorm rains of two inches in less than two hours caused flooding of some streets, small streams and poor drainage areas.									
Ripley County Milo	22	1730EST			0	0	2K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Trees were downed.
Wayne County Hagerstown	26	1117EST			0	0	6K	0	Thunderstorm Winds Trees were downed, at least on a car.
INDIANA, South Central									
Clark County	04	2320EDT			0	0	0	0	Thunderstorm Winds Numerous power lines down in East Clark County Charlestown had the most power outages. Report from Jeffersonville Police.
Jefferson County Canaan	15	1729EDT			0	0	0	0	Thunderstorm Winds Law enforcement officials reported several trees blown down.
Jefferson County Irvin	15	1804EDT			0	0	0	0	Flash Flooding Law enforcement officials reported some flooding on State Road 62.
Harrison County Ramsey	23	1850EDT			0	0	0	0	Thunderstorm Winds Numerous large trees and power lines down.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Southwest									
Daviess County Countywide	04	1823EST			0	0	15K	0	Thunderstorm Winds
58 mph winds were recorded at Oden. Numerous trees and power lines were blown down across the county.									
Knox County Monroe City	04	1900EST			0	0	10K	0	Thunderstorm Winds
A home was damaged in the vicinity of Monroe City by straight-line winds.									
Dubois County Huntingburg	04	1945EST			0	0	1K	0	Thunderstorm Winds
A tree was blown down in Huntingburg and power lines were blown down in the vicinity of Jasper.									
Perry County Countywide	04	1955EST			0	0	15K	0	Thunderstorm Winds
Numerous trees were blown down across the county.									
Spencer County Countywide	04	1947EST			0	0	15K	0	Thunderstorm Winds
Numerous trees and power lines were blown down across the county.									
Daviess County Montgomery	09	2128EST			0	0	3K	0	Hail (1.75)
Daviess County Washington	16	1906EST			0	0	15K	0	Thunderstorm Winds
A 60 mph wind gust was reported at Washington where several trees and power lines were blown down.									
Martin County Loogootee	16	1936EST			0	0	2K	0	Thunderstorm Winds
Several large limbs were blown down in Loogootee.									
Knox County Countywide	22	1410EST			0	0	10K	0	Thunderstorm Winds
Numerous trees were blown down across the county.									
Martin County Doverhill	22	1440EST			0	0	3K	0	Thunderstorm Winds
A tree was blown upon a house in Doverhill.									
Pike County Stendal	22	1430EST			0	0	3K	0	Thunderstorm Winds
Several large trees were blown down in Stendal.									
Daviess County Oden	23	1234EST			0	0	3K	0	Hail (1.75)
Knox County Countywide	23	1305EST			0	0	25K	0	Thunderstorm Winds
Numerous trees and power lines were blown down across the county.									
Martin County	23	1317EST			0	0	15K	0	Thunderstorm Winds
Numerous trees were blown down over north Martin County.									
Dubois County Huntingburg	23	1530EST			1	0	0	0	
A 10-year-old boy drowned in Huntingburg. The boy was watching a whirlpool of water entering a storm sewer after thunderstorm had moved across the city. He tripped and fell headfirst into the storm sewer.									
Spencer County	31	1625EST			0	0	3K	0	Thunderstorm Winds
Several trees were blown over onto route 45.									
IOWA, Central									
Lee County Keokuk	04	0359CST			0	0	15K	0	Lightning
Thunderstorms moved across the southeast corner of Iowa during the predawn hours. Though the storms were not severe lightning struck a house in Keokuk. The lightning caused a fire in the electrical box in the laundry room. Damage was minor and mostly due to smoke and water.									
Taylor County 7 1/2 NE Bedford	04	1517CST			0	0	0	0	Funnel Cloud
1 NW Conway	04	1520CST			0	0	1K	5K	Hail (0.75)
Sharpsburg	04	1525CST			0	0	55K	1K	Thunderstorm Winds (G61)
1 NW Conway	04	1527CST			0	0	2K	5K	Hail (1.00)
Bedford	04	1528CST			0	1	9K	1K	Thunderstorm Winds (G61)
Adair County 8 1/2 N Greenfield	04	1543CST			0	0	0	0	Funnel Cloud
Union County 1 NW Arispe	04	1556CST			0	0	1K	0	Thunderstorm Winds (G52)
Cass County Atlantic	04	1600CST			0	0	3K	0	Lightning

Storm Data and Unusual Weather Phenomena

July 1995

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 Cont'd									
Adair County Greenfield	04	1619CST			0	0	0	0	Funnel Cloud
Guthrie County Adair	04	1623CST			0	0	1K	0	Thunderstorm Winds (G52)
Polk County West Des Moines	04	1627CST			0	0	5K	0	Thunderstorm Winds (G52)
West Des Moines	04	1634CST			0	0	2K	0	Hail (0.88)
Johnston	04	1640CST			0	0	5K	0	Thunderstorm Winds (G52)
Ankeny	04	1643CST			0	0	5K	0	Thunderstorm Winds (G52)
Polk City	04	1650CST			0	0	2K	1K	Hail (0.75)
Altoona	04	1657CST			0	0	2K	1K	Hail (0.88)
Union County	04	1700CST-							
	04	1800CST			0	0	5K	1K	Urban Flood
Lucas County 21/2 W Williamson	04	1705CST			0	0	5K	0	Thunderstorm Winds (G50+)
Marshall County 2 SW Melborne	04	1709CST			0	0	5K	1K	Thunderstorm Winds (G52)
Jasper County Prairie City	04	1714CST			0	0	10K	2K	Thunderstorm Winds (G65)
Newton	04	1730CST			0	0	20K	1K	Thunderstorm Winds (G50+)
Marion County Bussey	04	1730CST			0	0	5K	1K	Thunderstorm Winds (G52)
Tracy	04	1730CST			0	0	5K	1K	Thunderstorm Winds (G52)
Knoxville	04	1735CST			0	0	0	0	Funnel Cloud
Marshall County Haverhill	04	1745CST			0	0	3K	1K	Thunderstorm Winds (G50+)
Poweshiek County 7 1/2 N Grinnell	04	1755CST			0	0	3K	1K	Thunderstorm Winds (G52)
Mahaska County 4 S Bolton	04	1755CST			0	0	1K	0	Thunderstorm Winds (G50)
Marshall County Marshalltown	04	1756CST			0	0	10K	1K	Thunderstorm Winds (G50+)
Mahaska County Oskaloosa	04	1800CST			0	0	5K	1K	Thunderstorm Winds (G50+)
Poweshiek County 1 NW Brooklyn	04	1800CST			0	0	25K	2K	Thunderstorm Winds (G61)
Grundy County Reinbeck	04	1805CST			0	0	40K	2K	Thunderstorm Winds (G50+)
Wapello County Ottumwa Airport	04	1806CST			0	0	2K	0	Thunderstorm Winds (G50)
Tama County Gladbrook	04	1808CST			0	0	35K	1K	Thunderstorm Winds (G50+)
Mahaska County 10 SW Oskaloosa	04	1808CST			0	0	1K	0	Thunderstorm Winds (G50)
Oskaloosa	04	1812CST			0	0	100K	0	Thunderstorm Winds (G50+)
7 E Oskaloosa	04	1815CST			0	0	2K	1K	Thunderstorm Winds (G50+)
Benton County Dysart	04	1835CST			0	0	5K	1K	Thunderstorm Winds (G52)
Garrison	04	1835CST			0	0	5K	1K	Thunderstorm Winds (G52)
Mahaska County 8 E Oskaloosa	04	1840CST			0	0	5K	1K	Thunderstorm Winds (G50+)
Benton County 4 S Vinton	04	1845CST			0	0	25K	2K	Thunderstorm Winds (G50+)
Vinton Airport	04	1847CST			0	0	5K	2K	Thunderstorm Winds (G63)
Iowa County North English	04	1848CST			0	0	3K	1K	Thunderstorm Winds (G50+)
Williamsburg	04	1849CST			0	0	3K	1K	Thunderstorm Winds (G50+)
Keokuk County What Cheer	04	1855CST			0	0	250K	10K	Thunderstorm Winds (G70)
Bremer County 3 S Waverly	04	1855CST			0	0	25K	0	Thunderstorm Winds (G50+)
Tama County 4 N Toledo	04	1857CST			0	0	20K	2K	Thunderstorm Winds (G50+)
Linn County Cedar Rapids ATC tower	04	1900CST			0	0	3K	0	Thunderstorm Winds (G53)
Cedar Rapids	04	1910CST			0	0	10K	0	Thunderstorm Winds (G55)
Keokuk County What Cheer	04	1910CST			0	0	5K	1K	Thunderstorm Winds (G55)
Black Hawk County 7 NE Dunkownerton	04	1910CST			0	0	1K	1K	Hail (75)
Washington County Wellman	04	1915CST			0	0	5K	1K	Thunderstorm Winds (G50+)
IOWA, Central Cont'd									
Keokuk County Keswick	04	1915CST			0	0	50K	2K	Thunderstorm Winds (G61)
Sigourney	04	1915CST			0	0	15K	1K	Thunderstorm Winds (G52)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Linn County Marion	04	1916CST			0	0	125K	0	Thunderstorm Winds (G61)
Chickasaw County 3 S New Hampton	04	1927CST			0	0	30K	2K	Thunderstorm Winds (G50+)
Jones County Stone City	04	1929CST			0	0	20K	0	Thunderstorm Winds (G61)
Chickasaw County New Hampton	04	1930CST			0	0	25K	1K	Thunderstorm Winds (G50+)
Cedar County Mechanicsville	04	1930CST			0	0	5K	1K	Thunderstorm Winds (G50+)
Jones County Anamosa	04	1933CST			0	0	10K	2K	Thunderstorm Winds (G61)
Delaware County Manchester	04	2000CST			0	0	10K	3K	Thunderstorm Winds (G61)
2 SE Manchester	04	2010CST			0	0	75K	5K	Thunderstorm Winds (G61)
Dubuque County Dyersville	04	2020CST			0	0	5K	1K	Thunderstorm Winds (G52)
Jackson County 2 W Andrew	04	2033CST			0	0	50K	5K	Thunderstorm Winds (G60)
Hancock County Britt	04	2035CST			0	0	30K	2K	Thunderstorm Winds (G61)
Jackson County Andrew	04	2056CST			0	0	40K	1K	Thunderstorm Winds (G50+)

Moisture streamed north over the central United States during the 24 hours prior to this event. Surface dew point temperatures were in the 65°-70° F. range. A strong southerly low level jet had also become established during the day with speeds at the 850 mb level in the 50 ktrange. On the surface, two fronts were approaching Iowa. One was a warm front to the south of the state. A cold front was moving in from the west. An upper level low pressure area was over north central Kansas during the early afternoon hours. The air mass was quite unstable with lifted indices in the -5° to -7° C. range. The air was even more unstable to the south of Iowa. Convective available potential energy (CAPE) values were around 2800 J·kg⁻¹ with helicity values around 400 m²·s⁻² by mid afternoon. Surface mesoscale analysis during the afternoon revealed strong moisture convergence in northwest Missouri and southwest Iowa. That is where the thunderstorms formed. During the mid to late afternoon, a line of thunderstorms formed rapidly from southwest into central Iowa. These storms produced a few funnel clouds, but there was not real threat of them touching down. During the early stages of development, lightning from one of the storms struck a house in Atlantic. No fire was started, however electrical damage was reported. The freezing level on this day was quite high, in excess of 13,500 feet MSL. As a result, hail was not a dominant feature with the storms. Spotty reports of hail between three-quarters on an inch and nearly an inch in diameter were received, but most of the hail was marble-size or smaller. Wind became the major problem with the storms. Within two hours of the initial onset of convection, the thunderstorm complex assumed a bow echo configuration. This bow echo tracked across the entire state producing high winds and brief torrential rains. In Taylor County of southwest Iowa, high winds in the Shapsburg area downed trees onto a house. The trees crashed through the house and even resulted in some foundation damage. Damage to the house was estimated between \$50 thousand and \$60 thousand. Near Bedford, high winds downed a tree onto a house. One man was seriously injured as he was unable to get to shelter before the tree fell through the house. He was still in the hospital the following day. Damage to the house was between \$8 thousand and \$9 thousand. Other damage around the state was mainly tree and power line damage. There were spotty reports of roof damage, such as in the Prairie City area of Jasper County and the Brooklyn area of Poweshiek County. A tractor-semitrailer was overturned by the high winds on Interstate 80 near Newton. For the most part winds were around 60 mph with many of the storms. A few of the storms produced brief stronger gusts in what appeared to be microburst activity. Considerable damage was done in the What Cheer area in Keokuk County. There was some increase in the wind strength over the eastern counties of the state as the storm system began to die out. Winds from the decaying storms reached 60 to 70 mph in several areas of east central Iowa. One of the collapsing storms produced high winds west of Andrew in Jackson County. The winds picked up a 2 x 4 and threw it through the side of a pick-up truck. Flooding was not a large problem except during the early stages of the storm systems development. Heavy rainfall was reported in Taylor County. Two inches fell in 55 minutes time in New Market, while .90 inches fell in 15 minutes in Bedford. The rainfall only resulted in bank full stages on the smaller streams. Minor flooding, mostly in urban areas, was reported in Union County as the heavy rainfall moved through. It did not last long, nor did it cause much damage.

IAZ037-048>051-062>
064-082>085-091>096
Central into South
Iowa

04	2100CST-				0	0	25K	10K	Flood
09	1200CST				0	0	25K	10K	Flood

Preliminary information provided by State Climatologist Harry Hillaker, Iowa Department of Agriculture and Land Stewardship, indicates statewide rainfall averaged 3.28 inches. This is about 79% of the normal. Most of the rain in July fell during the first week of the month with the heaviest over the south central counties. Widespread rains occurred in this area on the Fourth of July with some locations receiving rainfall amounts in the three to four inch range. The heavy rainfall resulted in minor flooding along the Chariton and 102 river basins later in that week, as well as over parts of the Iowa river basin in central Iowa. The flooding was very minor with little damage reported. Flood waters were generally less than one foot over the flood stage and confined to agricultural lands for the most part. Rivers receded below flood stage within a few days as dry weather moved in.

Chickasaw County
21/2 S New Hampton
3 S Lawler

05	1239CST				0	0	100K	4K	Tornado (F1)
05	1300CST	8.0	40		0	0	100K	4K	Tornado (F1)

The cold front from the system that affected Iowa the previous day had not yet moved through the state. The air mass

IOWA, Central Cont'd

remained fairly unstable overnight, and with surface heating became more unstable. Once the cap broke a line of thunderstorms formed over the central sections around mid day. The storms moved east during the afternoon. A storm formed ahead of the main line over Chickasaw County. This storm became severe as it produced a tornado. The tornado touched down south of New Hampton where it destroyed one farm building and damaged a few others on one farmstead. Several trees were also taken down. The tornado tracked across fields to the southeast of New Hampton and did not directly effect another farmstead. The tornado dissipated south of Lawler.

Ringgold County
1 W Benton

07	2034CST				0	0	3K	1K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

July 1995

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

07	2040CST				0	0	1K	1K	Hail (0.75)
07	2104CST				0	0	3K	1K	Hail (1.00)

A warm front extended southeast to northwest to the southwest of Iowa. The air mass was very unstable to the southwest of the front with lifted indices in the -10° C range, but was capped. Thunderstorms fired on the cold side of the front. Favorable shear in the upper air wind fields allowed some of the storms to become severe. Most of the severe weather occurred south of Iowa, but one cell dropped three quarter to one inch diameter hail on Ringgold County before it moved southeast into Missouri.

Franklin County
4 N Alexander
Wright County
4 NE Belmont
2 NE Rowan
Hamilton County
12 ENE Webster City
Blairsburg
5 N Ellsworth
8 N Jewell
4 N Jewell

08	2040CST				0	0	5K	5K	Hail (1.75)
08	2050CST				0	0	5K	5K	Hail (1.75)
08	2054CST				0	0	0	0	Funnel Cloud
08	2130CST				0	0	5K	5K	Hail (1.75)
08	2145CST				0	0	0	0	Funnel Cloud
08	2150CST				0	0	10K	1.3M	Hail (1.75)
08	2153CST				0	0	5K	5K	Hail (2.00)
08	2155CST				0	0	2K	5K	Hail (1.00)

A weak cold front moved southeast across Iowa. The air mass was quite unstable, but at the same time capped by warm temperatures aloft. The freezing level was around 14,300 MSL. One cell was able to develop over north central Iowa. It moved southeast across Franklin, Wright, and Hamilton Counties. The storm became severe and produced hail up to golf ball and slightly larger in size. Reports indicated the hail covered the ground in a few areas. One area was the area north of Jewell. Hail of golf ball size fell north of Ellsworth, breaking out the window in one house. A window was also broken out of a state police car as well. The damage to crops was serious. A survey of the area revealed an area about 12 miles long and two to three miles wide from east of Webster City south to near Ellsworth suffered substantial damage. About one quarter of the crop was destroyed with damage well in excess of \$1 million. The WSR 88D pictures indicated a strong circulation in the cell. About that time a funnel cloud was reported southeast of Rowan in Wright County. Later as the storm passed through Hamilton County, another funnel cloud was observed near Blairsburg. The thunderstorm collapsed about as quickly as it formed. It dissipated over Story County.

IAZ004>011-015>019-
023>030-033>042-044>
054-057>068-070>078-
081>089-092>099
All of Iowa

12	1100CST-				3	0	3.8M	0	Heat Wave
14	2200CST								

Intense heat overspread Iowa on the 12th and lasted well into the evening of the 14th. Dew point temperatures ranged from the upper 70s to the middle 80s through much of the time. The highest dew point readings were over the east half of the state. Winds remained light through the period and were generally less than 10 mph. High temperatures during the period were generally in the 98°-108° F. range. The highest known temperature was 109 in the Council Bluffs area. Most of the west half of the state broke the century mark on the 13th, and nearly every station by the 14th. Overnight low temperatures struggled to reach the middle 70s, with some areas remaining around 80. The highest heat indices were in the east half of Iowa, where the higher dew point temperatures were. The highest reading came from Cedar Rapids on the 13, with a heat index of 131 by late afternoon. Three people died from the heat, one in Des Moines, one in Marshalltown, and a third in Burlington. A 95 year old woman died in her home as the temperature in the house climbed above the 110° mark. She had no air conditioning or fans and the windows were closed. In Marshalltown a 71-year-old man died in his unairconditioned home. In a similar way, a 37-year-old man died in his unairconditioned apartment in downtown Burlington on the 13th. A significant loss occurred in livestock. Statewide figures indicate the losses approaching the \$5-\$6 million range, however some of that was just outside the scope of my area. Losses were placed at 4,000 head of cattle, 370 hogs, 1,250,000 chickens, and 250,000 turkeys. On one Webster County farm alone 250,000 laying hens perished on the 2nd day of the heat. Another egg producer had 1.5 million laying hens on two farms, one in Winterset, the other in Guthrie Center. They reported a loss of at least 500,000 hens. Disposal became a serious problem as rendering plants were overwhelmed. In addition to problems caused to humans and livestock, there were numerous hda buckles reported on streets and highways around the state. Early indications were there was little in the way of crop damage. The combination of light winds and extremely high dew point temperatures helped keep the crops from stressing too much. Heavy dew would form overnight that would last well into the early afternoon hours. F95PH, M71PH, M37PH

Cass County
Atlantic
Fayette County
2 1/2 SW Elgin
Dallas County
Guthrie County
Fayette County
1 1/2 E Clermont

15	1400CST				0	0	100K	2K	Thunderstorm Winds (G82)
15	1510CST				0	0	5K	1K	Thunderstorm Winds (G50+)
15	1515CST-				0	0	15K	1K	Urban Flood
15	1730CST				0	0	15K	1K	Urban Flood
15	1515CST-				0	0	15K	1K	Urban Flood
15	1730CST				0	0	5K	1K	Thunderstorm Winds (G50+)

IOWA, Central Cont'd

Elgin
Ringgold County
Tingley
Southeast Fayette County
Polk County
Marshall County
Polk County
West Des Moines
Floyd County

15	1525CST				0	0	5K	0	Lightning
15	1530CST				0	0	5K	1K	Thunderstorm Winds (G50+)
15	1530CST				0	0	20K	1K	Urban Flood
15	1700CST				0	0	20K	1K	Urban Flood
15	1630CST-				0	0	50K	1K	Urban Flood
15	1830CST				0	0	30K	1K	Urban Flood
15	1630CST-				0	0	30K	1K	Urban Flood
15	1830CST				0	0	20K	0	Lightning
15	1930CST-				0	0	20K	1K	Urban Flood
15	2115CST				0	0	20K	1K	Urban Flood

A cold front which had been stalled to the northwest of Iowa began to slowly drift southeast into the state. The cap over the air mass was much weaker than previous days. During the heat wave, afternoon CAPE values would typically exceed 10,000 J/kg.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Monroe County 3 NE Moravia	22	2024CST			0	0	5K	10K	Hail (1.75)
Wapello County Ottumwa	22	2045 to 2200CST			0	0	25K	0	Urban Flood
<p>A weak frontal boundary sagged slowly south into Iowa during the afternoon of the 22nd. Warm and unstable air was ahead of the boundary, aiding in the development of thunderstorms during the mid to late afternoon hours. The storms were severe as they crossed northeast Iowa. Hail three-quarters of an inch in diameter covered the ground two inches deep east of Marble Rock. Other reports in the area indicated hail up to six inches deep 45 minutes after the storm in a few areas farther southeast of Marble Rock. Crop damage was extensive in the area. Another area of extensive crop damage was in the Plainfield area. Hail larger than tennis ball in size fell there destroying many crops. In actuality, the storm cut a swath nearly 25 miles long and ranged in width from one to as much as five miles wide in places from east of Marble Rock to Plainfield. The hail storm affected parts of four counties; Chickasaw, Butler, Floyd, and Bremer. At least 6,000 acres of crops were totally wiped out with another 25,000 to 30,000 acres damaged. Hail damage was estimated near \$3 million. Farther to the south, in Monroe County, golf ball size hail pelted areas northeast of Moravia. There were numerous reports of pea to marble-size hail across northeast Iowa as well. The storms exited the state as they deposited golf ball size hail in Rickardsville. Along with the hail came reports of gusty winds. For the most part the winds were in the 30 to 40 mph range. Spotty areas did report winds strong enough to down trees and power lines. Thunderstorms produced heavy rainfall as they moved across the Ottumwa area. The heavy rainfall caused urban flooding and sewer backups around the city. Lightning struck a garage in Fayette County at Oelwein. A small fire began, but was quickly put out. Damage was minimal.</p>									
Madison County Winterset	23	2144CST			0	0	1K	5K	Hail (0.75)
<p>A small cluster of intense thunderstorms moved south across Iowa during the evening hours. The storms formed along several outflow boundaries left across the state from the previous nights convection. The storms remained below severe levels for the most part. One storm produced three-quarters inch diameter hail as it moved through the Winterset area. This storm was the strongest of the storms and was somewhat separated from the others.</p>									
Mahaska County Oskaloosa	25	1640CST			0	0	10K	1K	Thunderstorm Winds (G50+)
Oskaloosa	25	1700CST			0	0	5K	0	Thunderstorm Winds (G50+)
<p>A weak cold front sagged southeast into Iowa during the day as an upper level disturbance drifted east into the state. The air mass was moist and quiet unstable. Thunderstorms developed during the afternoon over the east two thirds of the state. One storm became severe as it moved through Mahaska County. High winds were reported two times in Oskaloosa. The winds resulted in spotty damage, downed trees, and knocked out power in the Oskaloosa area.</p>									
Clinton County Wheatland	26	0109CST			0	0	3K	0	Thunderstorm Winds (G50)
Cedar County 1 NE Clarence	26	0135CST			0	0	4K	1K	Thunderstorm Winds (G50)
<p>A small area of thunderstorms dropped southeast across northeast and east central Iowa during the early morning hours. They formed in conjunction with a weak upper level disturbance moving through a moist and unstable air mass. A few of the storms became marginally severe as they moved through Clinton and Cedar Counties. Trees were downed in both counties. A car was blown off the road northeast of Clarence in Cedar County.</p>									
Clinton County	26	1800CST-2000CST			0	0	25K	2K	Urban Flood
<p>Thunderstorms produced heavy rainfall over Clinton County. Several inches of rain were reported in a few spots around the county with most of the county receiving at least a few inches. The rain caused some urban flooding problems, however major flash flooding did not occur.</p>									
Worth County 7 NE Northwood	27	1032CST			0	0	5K	10K	Hail (1.75)
Mitchell County St. Ansgar	27	1055CST			0	0	1K	5K	Hail (0.75)
Worth County 7 NE Northwood	27	1106CST			0	0	1K	10K	Hail (0.75)
IOWA, Central Con'd									
Mitchell County Carpenter	27	1110CST			0	0	1K	5K	Hail (0.75)
St. Ansgar	27	1115CST			0	0	1K	5K	Hail (0.88)
10 E St. Ansgar	27	1130CST			0	0	1K	10K	Hail (0.75)
Howard County Cresco	27	1200CST			0	0	1K	5K	Hail (0.75)
Floyd County Colwell	27	1226CST			0	0	25K	5K	Thunderstorm Winds (G61)
Winneshiek County Decorah	27	1249CST			0	0	2K	5K	Hail (0.75)
Decorah	27	1300CST			0	0	2K	5K	Hail (0.75)
Castalia	27	1320CST			0	0	40K	0	Lightning
Clayton County Luana	27	1325CST			0	0	1K	10K	Hail (0.75)
Allamakee County Postville	27	1330CST			0	0	5K	1K	Thunderstorm Winds (G50+)
Fayette County 2 N Fairbank	27	1415CST			0	0	1K	5K	Hail (0.75)
Buchanan County Fairbank	27	1415CST			0	0	2K	5K	Hail (0.75)
Delaware County county wide	27	1430 to 1515CST			0	0	20K	1.8M	Hail (75)
<p>Thunderstorm Winds (G75+)</p>									
Clayton County Garnavillo	27	1440CST			0	0	5K	2K	Thunderstorm Winds (G50+)
Buchanan and Delaware Counties									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
1 3/4 W Lamont to 1/2 NW Delhi Delaware County	27	1450CST-1548CST	20.5	150	0	0	1M	330K	Tornado (F3)
Dundee	27	1501CST			0	0	1K	5K	Hail (0.75)
Dundee	27	1501CST			0	0	5K	1K	Thunderstorms Winds (G52)
Manchester	27	1501CST			0	0	1K	5K	Hail (0.75)
Manchester	27	1501CST			0	0	5K	1K	Thunderstorm Winds (G52)
Manchester	27	1535CST			0	0	150K	5K	Thunderstorm Winds (G65)
Buchanan County Lamont	27	1541CST			0	0	300K	25K	Thunderstorm Winds (G75)
Cedar County 3 WNW Lowden	27	1555CST	.1	20	0	0	0	1	Tornado (F0)
Delaware County Manchester	27	1608CST			0	0	10K	0	Thunderstorm Winds (G52)
Jones County Monticello	27	1611CST			0	1	240K	25K	Thunderstorm Winds (G75)
Cedar County Bennet	27	1618CST	.1	25	0	0	1K	1K	Tornado (F0)
Jones County Monticello	27	1621CST	.1	25	0	0	2K	1K	Tornado (F0)
Dubuque County Cascade	27	1625CST			0	0	10K	10K	Hail (1.75)
Clinton County 4 S Elwood to 3 E Grand Mound	27	1628CST-1649CST	10.5	70	0	0	200K	150K	Tornado (F2)
Jackson County Maquoketa	27	1630CST			0	0	2K	0	Thunderstorm Winds (G50+)
Cedar County Tipton	27	1630CST			0	0	75K	10K	Thunderstorm Winds (G50+)
Scott County 2 NW Donahue	27	1634CST			0	0	10K	10K	Hail (1.75)
Clinton County Calamus	27	1636CST			0	0	250K	20K	Hail (2.75)
Clinton and Scott Counties 5 SSW DeWitt	27	1636CST			0	0	1K	1K	Thunderstorm Winds (G52)
5 SSW DeWitt	27	1638CST	.2	25	0	0	1K	1K	Gustnado (F0)
Clinton County Grand Mound	27	1641CST			0	0	10K	10K	Hail (1.75)
Scott County 1 NW Dixon to 2 NW Donahue	27	1642CST-1653CST	5.5	60	0	0	10K	70K	Tornado (F2)
Clinton County Grand Mound	27	1646CST			0	0	10K	10k	Hail (1.75)
Grand Mound	27	1650CST			0	0	100K	10K	Hail (2.75)
IOWA, Central Cont'd									
DeWitt 1 SW DeWitt	27	1650CST			0	0	175K	10K	Hail (2.75)
Jones County Monticello	27	1654CST	.3	35	0	0	5K	10K	Tornado (F0)
Buchanan County Aurora	27	1657CST			0	0	1.5M	20K	Thunderstorm Winds (G75)
Buchanan County Cedar County	27	1705CST			0	0	10K	1K	Thunderstorm Winds (G50+)
Lowden	27	1725CST			0	0	5K	1K	Thunderstorm Winds (G52)
Clinton County Clinton Airport	27	1727CST			0	0	200K	40K	Hail (2.75)
Clinton Airport	27	1727CST			0	0	10K	1K	Thunderstorm Winds (G52)
Linn County Robins	27	1745CST	.1	25	0	0	1K	1K	Tornado (F0)
Mt. Vernon	27	1800CST			0	0	0	0	Funnel Cloud
Scott County 3 W Eldridge	27	1820CST			0	0	2K	25K	Hail (0.75)
Davenport	27	1826CST			0	0	10K	10K	Hail (1.00)
Eldridge	27	1827CST			0	0	5K	10K	Hail (1.00)
Davenport	27	1835CST			0	0	20K	10K	Hail (1.75)
Bettendorf	27	1844CST			0	0	1K	2K	Hail (0.75)
Muscatine County 1 W West Liberty	27	1845CST	.5	30	0	0	5K	5K	Tornado (F0)
Cedar County 7 NW Atalissa to 3 1/2 NE Atalissa	27	1851CST-1909CST	7.5	100	0	0	500K	60K	Tornado (F2)
4 N Atalissa	27	1900CST			0	0	150K	25K	Thunderstorm Winds (G80)

A vary dynamic weather pattern was in place across Iowa. Theair mass was very unstable with total total indices of 61, K indices over 30, and helicity values over 600 m²-s⁻². Soundings at 1200 UTC already indicated lifted indices of -7 C. Moisture pooling was taking place ahead of a windshift line which extended north to south across central Nebraska at sunrise. Dew point values rose to around 80° F. over most of Iowa in the morning. A strong cap was in place with 700 mb temps nearing +15 C. This held convection to a minimum. Thunderstorms had formed the previous night across South Dakota and advanced into southern Minnesota. They slid southeast and moved into north central Iowa during the late morning hours. Golf ball-size hail pelte

Storm Data and Unusual Weather Phenomena

July 1995

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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Worth County northeast of Northwood. A short time later a second cell dropped dime-size hail on the area. The storms advanced southeast producing hail and gusty winds. Most of the activity was just below severe limits. When the storms reached Clayton County, dime size hail was reported in Luana. Meanwhile, in Ganavillo high winds were a problem. Several trees and numerous power lines were downed in the city as the gust front passed. In addition to the first cluster of storms that slid southeast, a line of thunderstorms formed quickly on its heels ahead of the trough/windshift line. These storms quickly became severe in the unstable air mass and joined with the aforementioned cluster of storms. Once the storms became severe, they produced considerable damage. Hail up to baseball-size, very high winds, and tornadoes resulted. There were several small tornadoes and one gustnado produced by the line. Of the more significant tornadoes, one tracked across Buchanan and Delaware Counties and caused damage to many out buildings. The tornado struck a few farmsteads directly and damaged many others. Considerable damage was reported along its path. One house was destroyed, two others sustained about \$25 thousand damage each, five others sustained about \$20 thousand damage, and a mobile home was destroyed worth \$10 thousand. A grain elevator was struck near Lamont with damage placed to it at \$500 thousand. A total of 19 farmsteads sustained damage in the county. Crop damage by the tornado was also severe with damage described as if "someone went through the fields with a Weedeater". Two head of cattle were killed near Lamont when the barn they were in collapsed. Another tornado that was on the ground for a significant length of time tracked across Clinton County. Other significant tornadoes struck Scott and Muscatine Counties. Straight line winds caused considerable damage in Delaware County. There were numerous reports of livestock killed or injured by fallen barns. Three hogs were crushed on a farm near Hopkinton for example. Damage from straight line winds alone in the county were placed near two and one half million dollars. Damage was very extensive around the Hopkinton area with many farmstead affected and some nearly wiped out. Estimates from the entire Quad Cities metro area range to around \$5 million. There was also considerable damage in Jones County from highwinds. Wind gusts of at least 85 MPH destroyed 24 mobile homes and three permanent homes in Monticello. There was also damage reported to several other houses and businesses in the area. Other wind damage in the Monticello area included three silos destroyed, two large barns downed, two machine sheds, a corn crib, and six open sheds. Three head of cattle were killed as one of the barns collapsed on them. In another incident, a horse stable was blown down by the winds. One horse was killed as the stable toppled down on it. Also, in Monticello, a man was injured as high winds downed a tree on top of his car. Reports indicated the total property damage in the Monticello area were at least \$8 million and were expected to top the \$2 million mark. Estimates of crop damage due to the wind totaled close to \$1 million across Jones County. Cedar County, winds of 90 to 95 MPH in close proximity to a tornado in the area destroyed one house and several buildings north of Atalissa. The tornado itself hit one farmstead north of the Atalissa area. Reports indicated food was sucked out of the refrigerator and boards were taken out of loaded grain wagons. When the house was hit, a letter from the attic was picked up shortly before 1900 CST. The letter was retrieved at 1940 CST; 40 miles from its original location in the Quad Cities. There were numerous reports of small rope tornadoes around the Lowden area. Two are included in this report. The tornado northwest of town touched down briefly in an open field. There were actually three separate touchdowns from one parent cloud within a period of several minutes. A local network of spotters in the county observed 24 funnel clouds. In addition to the tornadoes and winds, hail was a major problem. There were numerous reports of one to two-inch diameter hail. There were also several reports of baseball-size hail. In Clinton County, Grand Mound and DeWitt were pelted with baseball-size hail causing considerable damage. The airport at Clinton sustained damage by baseball-size hail as well. In Calamus, baseball-size hail fell on the city. The hail in combination with the wind damaged cars, knocking out windows. Windows were also knocked out of several buildings in the city. Hail also caused considerable crop damage in east central Iowa. Five thousand acres of corn and soybeans were totally destroyed, 10,000 acres slightly damaged, 50 hogs killed, and 10 head of cattle killed in a three county area. The Governor declared Buchanan, Delaware, and Jones Counties disaster areas. Damage and losses totaled into the millions. Earlier in the afternoon, lightning struck a barn in Winneshiek County

IOWA, Central Con'd

near Castalia. The barn was a total loss as it burned to the ground.

Kossuth County Whittemore	31	1145CST			0	0	5K	0	Lightning
Boone County Boone	31	1305CST			0	0	3K	5K	Thunderstorm Winds (G52)
1 1/2 NW Boone Muscatine County 1 E Fairport	31	1312CST			0	0	3K	5K	Thunderstorm Winds (G52)
	31	1815CST			0	0	110K	5K	Thunderstorm Winds (G65)

A fairly strong cold front sank south across Iowa during the day. The frontal system had significant moisture to work with as the remnants of tropical storm Dean had already reach the state. The air mass ahead of the front was very unstable as afternoon temperatures rose into the lower 90s with dew point temperatures in the middle 70s. CAPE values by late afternoon were around 3000 J·kg⁻¹ with lifted indices around -9° C. Thunderstorm erupted on the cold side of the front. The initial windshift was very shallow. The storms quickly became multicellular with very little in the way of severe weather associated with them. They did produce copious amounts of rainfall with two to four inch amounts reported in some areas. No significant flooding occurred as the soil was extremely dry. One storm was severe as it moved across Boone County. Winds of at least 60 MPH nearly blew a car off of a highway northwest of Boone. High winds also moved into the city of Boone. Another severe thunderstorms moved into Muscatine County. High winds blew the roof off of a building east of Fairport and downed several trees and power lines. A house also sustained considerable roof damage. Due to the unique construction, damage was placed at between \$60 thousand and \$70 thousand to the house. As thunderstorms moved through Kossuth County lightning struck a tree outside a house in Whittemore. The tree was downed and nails popped out of the drywall in the house.

IOWA, Northwest

Plymouth County Le Mars	14	1630CST			0	0	0	0	Thunderstorm Winds (G61)	
Sioux County Rock Valley	14	1638CST			0	0	0	0	Thunderstorm Winds (G52)	
Sioux County Lebanon	14	1650CST			0	0	?	.01M	Hail (1.25)	
			Hail destroyed a small area of crops.							
Woodbury County Sioux City	14	1855CST			0	0	0	0	Thunderstorm Winds (G52)	
Woodbury County 3 N Climbing Hill	14	1935CST-			0	0	3K	1K	Tornado (F0)	
	14	1955CST	3	50	0	0	3K	1K	Tornado (F0)	

A small tornado observed by rural electric personnel blew down three to six inch diameter trees and tore down limbs and branches from larger trees, damaged lawn furniture, and blew down part of a corn crop.

Dickinson County

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Montgomery	19	1620CST-							
	19	1630CST	4		0	0	.02M	.02M	Tornado (F0)
A tornado sighted northwest of Mntgomery moved east to the intersection on Highways 9 and 46. The tornado caused damage to crops, trees, and a machine shed.									
Dickinson County									
Spirit Lake	19	1637CST			0	0	0	0	Hail (0.75)
Hail caused extensive but undetermined crop damage.									
Sioux County									
Hawarden	23	1615CST			0	0	.01M	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down several trees and numerous large branches. One large tree fell on a car.									
Sioux County									
Hawarden	23	1620CST			0	0	0	?	Hail
Hail of unknown size caused crop damage north of Hawarden. The damage was aggravated by strong winds occurring with the hail.									
Plymouth County									
Craig	23	1655CST			0	0	0	0	Hail (0.75)
Craig	23	1655CST			0	0	0	0	Thunderstorm Winds (G52)
Woodbury County									
Bronson	23	1755CST			0	0	?	?	Hail (1.25)
3 E Luton	23	1830CST			0	0	0	0	Hail (0.75)
O'Brien County									
Sheldon	25	1700CST			0	0	0	0	Hail (0.75)
Sheldon	25	1700CST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew siding off of a house and blew over a camper.									
O'Brien County									
Hartley	25	1740CST			0	0	0	0	Thunderstorm Winds (G52)
O'Brien County									
Calumet	25	1825CST			0	0	0	0	Hail (1.00)
IOWA, Southwestern									
IAZ055-056-069-									
IOWA, Southwestern Cont'd									
079-080-090-091	10	1000CST-							
Western Iowa	14	2200CST			0	0	2.4M	0	Heat Wave
A deadly combination of extreme heat, high humidity, and little wind flow resulted in approximately 3,000 cattle deaths. The most significant number of cattle losses came from Pottawattamie County with 2,500. Temperatures were 100 degrees or more for the five days.									
Fremont County									
Hamburg	15	1940CST			0	0	0	0	Thunderstorm Winds (G50)
Mills County									
W of Hastings	15	2020CST			0	0	0	0	Thunderstorm Winds (G52)
Fremont County									
4 W Hamburg	19	1500CST			0	0	0	0	Thunderstorm Winds (G52)
Harrison County									
Missouri Valley	22	0018CST			0	0	0	0	Thunderstorm Winds (G52)
Large tree limbs were blown down.									
7 SE Missouri									
Valley	22	0050CST			0	0	2K	0	Thunderstorm Winds (G56)
Television antenna, chimney, and tree limbs were blown down.									
Pottawattamie									
County									
10 NW Neola	22	0100CST			0	0	0	0	Hail (0.75)
Shelby County									
8 WSW Elk Horn	22	1335CST			0	0	0	0	Hail (1.00)
Pottawattamie									
County									
Carter Lake	24	1550CST			0	0	0	0	Hail (1.25)
Montgomery									
County									
Stanton	24	1720CST-							
	24	1740CST			0	0	30K	200K	Hail (1.75)
Stanton	24	1740CST			0	0	0	0	Funnel Clouds
Severe crop damaged was reported as golf ball-size hail pelted the area. Two funnel clouds were also sighted.									
Montgomery County									
Stanton	24	1800CST			0	0	0	0	Hail (1.00)
7 SW Tenville	24	1800CST			0	0	0	0	Hail (1.00)
Fremont County									
Hamburg	24	1825CST-							
	24	1840CST			0	0	0	0	Hail (0.75)
Hamburg	24	1840CST			0	0	0	0	Hail (1.75)
KANSAS, Northeastern									
Atchison County									
Muscotah	04	0000CST			0	0	0	0	Thunderstorm Winds (G52)
Effingham	04	0040CST			0	0	1K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Atchison	04	0047CST			0	0	1K	0	Thunderstorm Winds A severe thunderstorm moved through Atchison County. 60 mph winds were observed at Muscotah and trees were down in Atchison and in Effingham.
Johnson County Gardner	04	0313CST			0	0	0	0	Thunderstorm Winds (G52) A Johnson County Sheriff reported wind gusts up to 60 mph near Gardner.
Wyandotte County Kansas City	04	0320CST			0	0	3K	0	Thunderstorm Winds Numerous trees blown down from thunderstorm winds.
Leavenworth County	04	0335CST			0	0	0	0	Thunderstorm Winds (G52) County Emergency Management Director reported 60 mph winds in thunderstorms.
Doniphan 5 S and 4 W of Highland	04	1435CST			0	0	4K	0	Tornado Hail (0.88) Highland Police reported a tornado on the ground five miles south and four miles west of Highland. Police reported some damage. Northwest of Highland the County Sheriff reported nickel-size hail.
	04	1455CST			0	0	0	0	
Atchison County Arrington	04	1500CST			0	0	0	0	Hail (0.75) Dime-size hail was reported near Arrington.
Atchison County Muscotah Lancaster	04	1530CST			0	0	0	0	Hail (0.75) Hail (0.75) Dime-size hail was reported near Muscotah and Lancaster.
	04	1600CST			0	0	0	0	

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KANSAS, Northeastern Cont'd									
Johnson County 1 W Olathe	04	1652CST			0	0	0	0	Hail (1.00)
One inch hail was reported one mile west of Olathe.									
Wyandotte County Kansas City	04	1659CST			0	0	0	0	Hail (0.75)
Dime-size hail was reported in Kansas City at Interstate 435 and Kansas Avenue.									
Miami County Osawatomie	04	1742CST			0	0	0	0	Hail (1.75)
Golf ball-size hail was reported in Osawatomie.									
Johnson County 1 S Edgerton Olathe	04	1814CST			0	0	0	0	Hail (0.75)
	04	1830CST			0	0	0	0	Hail (1.00)
Dime-size hail was reported one miles south of Edgerton along Interstate and one inch hail in Olathe.									
Linn County 10 W LaCygne	04	2045CST			0	0	0	0	Hail (1.00)
One inch hail was reported 10 miles west of La Cygne.									
Miami County Jingo	04	2120CST			0	0	0	0	Hail (1.00)
Miami County Emergency Management Director reported one inch hail at Jingo.									
Atchison County Effingham	22	2335CST			0	0	3K	0	Hail (1.75)
Potter	22	2345CST			0	0	3K	0	Hail (1.75)
A severe thunderstorm moved across Atchison County between 2230 CST and 1230 CST producing golf ball-size in Effingham and Potter. Pea-size hail and wind gusts up to 50 mph were reported at Cummings and Lancaster. Numerous trees were reported blown down.									
Leavenworth County Leavenworth	22	2356CST			0	0	?	?	Hail (1.00)
Leavenworth	22	2356CST			0	0	?	?	Thunderstorm Winds (G57)
3 SW Lansing	23	0036CST			0	0	?	?	Hail (1.00)
A severe thunderstorm moved across eastcentral Leavenworth County between 2335 CST and 1230 CST. Quarter-size hail was reported in the city of Leavenworth and three miles southwest of Lansing. In the city of Leavenworth, 65 mph winds were measured.									
Linn County E Purdin	25	1426CST			0	0	0	0	Hail (1.00)
A severe thunderstorm dropped one inch hail just east of Purdin.									
KSZ025-102>105 Extreme northeast and east-central Kansas	04	0000CST							
	06	2359CST			0	0	?	?	River Flood
Minor flooding occurred across parts of northeast and east-central Kansas during the early part of July. Soil conditions began to dry out as hot dry weather took over during the later two-thirds of July.									
FLOOD STAGE REPORT									
River and Station FS Above FS Crest Date									
Stranger Creek									
Easton 17 7/4 to 7/6 18.6 7/5									
Delaware River									
Muscotah 27 7/4 to 7/5 27.33 7/4									
Missouri River									
Atchison 22 7/5 to 7/6 22.2 7/5									
KANSAS, Eastern									
Report not received.									
KANSAS, Southeastern									
Sumner County Oxford	02	1742CST			0	0	0	0	Hail (1.00)
Sumner County Oxford	02	1745CST			0	0	0	0	Hail (1.75)
Cowley County 3 E Oxford	02	1753CST			0	0	0	0	Hail (2.75)
Cowley County 3 NW Winfield	02	1807CST			0	0	0	0	Hail (2.75)
Cowley County Arkansas City	02	1828CST			0	0	0	0	Hail (2.75)
Cowley County 3 E Arkansas City	02	1854CST	2	50	0	0	0	0	Tornado (F0)
Butler County 10 W El Dorado	02	1922CST			0	0	0	0	Hail (1.00)
KANSAS, Southeastern Cont'd									
Butler County 2 N Augusta Butler County	02	1934CST			0	0	0	0	Hail (4.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Augusta Airport Cowley County	02	2011CST			0	0	0	0	Hail (1.75)
Dexter Butler County	02	2011CST			0	0	0	0	Hail (1.00)
Augusta Cowley County	02	2015CST			0	0	0	0	Hail (2.50)
2 N Cambridge Cowley County	02	2144CST			0	0	0	0	Hail (0.75)
1 W Cambridge Cowley County	02	2205CST			0	0	0	0	Hail (1.75)
Strother Airport Cowley County	02	2223CST			0	0	0	0	Hail (1.00)
Strother Airport Montgomery County	02	2231CST			0	0	0	0	Hail (4.00)
Caney Montgomery County	02	2320CST			0	0	0	0	Hail (1.75)
Caney Cowley County	02	2345CST			0	0	0	0	Hail (0.75)
6 E Arkansas City Saline County	03	0007CST			0	0	0	0	Hail (0.75)
Salina Saline County	03	1923CST			0	0	0	0	Hail (1.75)
1 S Salina Saline County	03	1948CST			0	0	0	0	Hail (1.75)
1 S Salina Saline County	03	1955CST	2	50	0	0	0	0	Tornado (F0)
5 E Salina Saline County	03	2023CST	1	50	0	0	0	0	Tornado (F0)
The Salina PD reported a brief touchdown.									
Barton County 5 N Great Bend Barton	03	2044CST			0	0	0	0	Hail (1.75)
3 SW Hoisington Lincoln County	03	2046CST			0	0	0	0	Hail (0.75)
Westfall Lincoln County	03	2200CST			0	0	12K	4K	Thunderstorm Winds
One tree was blown onto the top of a house and the roof was blown off of a grain elevator.									
Ellsworth County 10 W Salina Ellsworth County	03	2205CST			0	0	0	0	Hail (1.00)
10 W Salina Rice County	03	2205CST			0	0	0	0	Thunderstorm Winds (G75)
8 N Lyons Ellsworth County	03	2215CST			0	0	0	0	Hail (0.75)
16 NE Ellsworth Reno County	03	2230CST			0	0	0	0	Hail (0.75)
Turon Saline County	03	2315CST			0	0	0	0	Hail (0.75)
7 SW Salina Greenwood County	04	0015CST			0	0	0	0	Hail (0.75)
3 E Madison Chautauqua County	04	1445CST			0	0	0	0	Hail (1.00)
Chautauqua Chautauqua County	04	1537CST			0	0	0	0	Hail (1.75)
5 S Elk City Neosho County	04	1610CST			0	0	0	0	Hail (1.00)
15 S Chanute Neosho County	04	1645CST			0	0	0	0	Hail (0.75)
3 W Erie Neosho County	04	1703CST			0	0	16K	0	Thunderstorm Winds
A mobile home was blown off of it's foundation.									
Montgomery County 5 S Cherryville Neosho County	04	1710CST			0	0	0	0	Hail (2.25)
1 E Erie Bourbon County	04	1715CST			0	0	0	0	Hail (1.75)
6 SW Fort Scott Labette County	04	1728CST			0	0	0	0	Hail (0.75)
E Parsons Labette County	04	1750CST			0	0	0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KANSAS, Southeastern Cont'd									
Labette County N Parsons	04	1752CST			0	0	0	0	Hail (1.75)
Crawford County Farlington	04	1811CST			0	0	0	0	Hail (0.75)
Crawford County Greenbush	04	1847CST			0	0	0	0	Hail (0.75)
Crawford County Greenbush	04	1847CST			0	0	0	0	Thunderstorm Winds (G60)
Bourbon County Garland	04	1848CST			0	0	0	0	Hail (0.75)
Wilson County 9 N Fredonia	04	1853CST			0	0	0	0	Hail (0.75)
Butler County El Dorado Lake	08	1817CST			0	0	0	0	Hail (0.75)
Butler County El Dorado	08	1825CST			0	0	0	0	Hail (1.00)
Butler County 5 S Augusta	08	1907CST			0	0	0	0	Hail (1.75)
Sedgwick County Wichita	08	1953CST			0	0	0	0	Hail (0.75)
Sedgwick County Wichita	08	2005CST			0	0	6K	0	Thunderstorm Winds (G64)
A bungee crane was blown over along with numerous tree limbs being blown down in the two to four inch diameter range. However, one tree limb was 10 to 12 inches in diameter.									
Sumner County Viola	08	2020CST			0	0	0	0	Hail (1.00)
Sumner County Viola	08	2020CST			0	0	0	0	Thunderstorm Winds (G72)
Sedgwick County Clearwater	08	2023CST			0	0	0	0	Thunderstorm Winds (G60)
Sumner County Conway Springs	08	2035CST			0	0	0	0	Thunderstorm Winds (G70)
Sumner County Caldwell	08	2141CST			0	0	0	0	Hail (1.00)
Sedgwick County NWS Office	15	1501CST			0	0	0	0	Thunderstorm Winds (G59)
Marion County 5 SW Pilsen	15	1537CST			0	0	0	0	Thunderstorm Winds (G60)
Sedgwick County NWS Office	19	2312CST			0	0	0	0	Thunderstorm Winds (G70)
Sedgwick County Wichita	19	2315CST			0	0	0	0	Thunderstorm Winds (G70)
Sedgwick County Wichita	19	2316CST			0	0	0	0	Thunderstorm Winds (G66)
Butler County Andover	19	2330CST			0	0	0	0	Thunderstorm Winds (G58)
Sumner County Perth	20	0015CST			0	0	0	0	Thunderstorm Winds (G60)
Cowley County 3 NE Winfield	20	0028CST			0	0	0	0	Thunderstorm Winds (G60)
Neosho County Erie	23	1535CST			0	0	0	0	Thunderstorm Winds (G60)
Neosho County Erie	23	1535CST			0	0	0	0	Hail (0.75)
Neosho County Erie	23	1549CST			0	0	0	0	Hail (1.00)
Harvey County Newton	25	1558CST			0	0	0	0	Hail (0.75)
Butler County Potwin	25	1603CST			0	0	0	0	Hail (0.75)
Harvey County Newton	25	1604CST			0	0	0	0	Hail (1.00)
Butler County Potwin	25	1605CST			0	0	0	0	Hail (0.75)
Harvey County Newton	25	1606CST			0	0	0	0	Hail (1.75)
Harvey County Newton	25	1609CST			0	0	0	0	Hail (1.75)
Butler County El Dorado	25	1615CST			0	0	0	0	Hail (0.75)
Harvey County Annelly	25	1616CST			0	0	0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KANSAS, Southeastern Cont'd									
Butler County County Courthouse	25	1621CST			0	0	0	0	Hail (2.75)
Butler County El Dorado	25	1621CST			0	0	0	0	Hail (0.88)
Harvey County Newton	25	1621CST			0	0	0	0	Hail (2.75)
Butler County El Dorado	25	1622CST			0	0	0	0	Hail (1.75)
Harvey County 2 N Sedgwick	25	1624CST			0	0	0	0	Hail (0.75)
Butler County 120th & Butler Road	25	1625CST			0	0	0	0	Hail (0.88)
Butler County El Dorado	25	1630CST			0	0	0	0	Hail (1.50)
Russell County 6 N Russell	25	1635CST			0	0	0	0	Hail (1.75)
Russell County Russell	25	1644CST			0	0	0	0	Hail (2.75)
Butler County El Dorado	25	1650CST			0	0	0	0	Hail (0.75)
Butler County Augusta	25	1658CST			0	0	0	0	Hail (0.75)
Russell County Russell	25	1700CST			0	0	0	0	Thunderstorm Winds (G60)
Harvey County Newton	25	1703CST			0	0	0	0	Hail (0.88)
Neosho County 2 E Chanute	25	1709CST			0	0	0	0	Hail (1.75)
Butler County El Dorado	25	1753CST			0	0	0	0	Hail (1.00)
Sedgwick County Kechi	25	1755CST			0	0	0	0	Hail (0.75)
Russell County 10 W Wilson	25	1810CSt			0	0	0	0	Hail (1.75)
Wilson County Fredonia	25	1815CST			0	0	0	0	Thunderstorm Winds (G65)
Montgomery County Liberty	25	1820CST			0	0	0	0	Thunderstorm Winds (G70)
Mcperson County Mcperson	25	1825CST			0	0	0	0	Hail (0.75)
Mcperson County Conway	25	1829CST			0	0	0	0	Hail (1.00)
Butler County Towanda	25	1830CST			0	0	0	0	Hail (1.75)
Butler County 3 S Towanda	25	1834CST			0	0	0	0	Hail (1.75)
Mcperson County Conway	25	1835CST			0	0	0	0	Hail (0.75)
Crawford County Girard	25	1835CST			0	0	0	0	Hail (0.88)
Mcperson County Conway	25	1836CST			0	0	0	0	Thunderstorm Winds (G60)
Crawford County Arma	25	1839CST			0	0	0	0	Hail (1.00)
Mcperson County Conway	25	1839CST			0	0	0	0	Hail (0.75)
Mcperson County Mcperson	25	1839CST			0	0	0	0	Hail (0.75)
Mcperson County Milburger	25	1840CST			0	0	0	0	Hail (2.50)
Butler County El Dorado	25	1840CST			0	0	0	0	Hail (1.75)
Ellsworth County Wilson	25	1842CST			0	0	0	0	Hail (1.75)
Ellsworth County Lorraine	25	1842CST			0	0	0	0	Hail (2.50)
Labette County Parsons	25	1845CST			0	0	0	0	Thunderstorm Winds (G63)
Labette County Dennis	25	1845CST			0	0	0	0	Hail (0.75)
Wilson County Altoona	25	1847CST			0	0	0	0	Thunderstorm Winds
			Numerous large trees and power lines were downed.						

KANSAS, Southeastern Cont'd

Rice County Lyons	25	1855CST			0	0	0	0	Hail (0.75)
Barton County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
2 N Hoisington Barton County	25	1903CST			0	0	0	0	Hail (1.00)
Hoisington Reno County	25	1907CST			0	0	0	0	Hail (2.50)
2 N Plevna Barton County	25	1918CST			0	0	0	0	Thunderstorm Winds (G60)
Claffin Butler County	25	1920CST			0	0	0	0	Hail (2.75)
7 SE El Dorado Crawford County	25	1925CST			0	0	0	0	Hail (1.75)
Pittsburg Sedgwick County	25	1926CST			0	0	0	0	Thunderstorm Winds (G70)
N Viola Harvey County	25	1940CST			0	0	0	0	Hail (0.75)
Halstead Elk County	25	1940CST			0	0	0	0	Hail (0.75)
7 W Howard Marion County	25	1948CST			0	0	0	0	Thunderstorm Winds (G60)
Peabody Butler County	25	1957CST			0	0	0	0	Thunderstorm Winds (G60)
4 SW Cassoday Greenwood County	25	2030CST			0	0	0	0	Thunderstorm Winds (G65)
1 E Beaumont Greenwood County	25	2045CST			0	0	0	0	Thunderstorm Winds (G60)
Madison	25	2115CST			0	0	0	0	Thunderstorm Winds (G60)
KANSAS, Southwestern									
Hamilton County									
Coolidge	01	1523CST			0	0	?	?	Hail (1.75)
7 W Syracuse	01	1635CST			0	0	?	?	Hail (0.88)
Hail piled six to 12 inches deep with numerous homes with water damage in basements from the force of hail piling up against homes. Hail piles still visible two days later.									
1 S Coolidge	01	1645CST			0	0	0	0	Tornado (F0)
15 SE Syracuse	01	1730CST			0	0	0	0	Hail (0.75)
11 SSE Syracuse	01	1900CST			0	0	0	0	Flash Flood
Water over the road. Reports of four to seven inches of rain.									
Kearny County									
17 WSW Lakin Morton County	01	1815CST			0	0	?	0	Hail (1.00)
Rolla Grant County	01	1830CST			0	0	0	0	Hail (0.75)
7 N Ulysses 9 NW Ulysses	01	1855CST			0	0	0	0	Hail (0.88)
Grant County	01	1940CST			0	0	?	?	Hail (1.00)
14 SW Ulysses Stevens County	02	1630CST			0	0	0	0	Hail (0.75)
12 NW Hugoton	02	1658ST			0	0	?	?	Hail (1.00)
6 W Hugoton	02	1705CST			0	0	0	0	Tornado (F0)
12 NW Hugoton	02	1715CST			0	0	?	?	Hail (1.25)
Hugoton	02	1724CST			0	0	?	?	Hail (1.25)
2 W Hugoton	02	1725CST			0	0	?	?	Hail (1.25)
10 W Liberal	02	1817CST			0	0	?	?	Hail (1.00)
12 NW Hugoton	02	1823CST			0	0	?	?	Hail (1.25)
Feterita	02	1905CST			0	0	?	?	Hail (2.75)
Stanton County									
16 SE Johnson Morton County	02	1820CST			0	0	0	0	Hail (0.75)
8 ENE Richfield Hamilton County	02	1820CST			0	0	?	?	Hail (1.00)
21 NW Syracuse Stanton County	02	2238CST			0	0	0	0	Hail (0.75)
Big Bow	03	1445CST			0	0	0	0	Hail (0.75)
3 S Big Bow	03	1505CST			0	0	0	0	Hail (0.75)
8 N Johnson	03	1527CST			0	0	0	0	Hail (0.75)
Hamilton County									
16 SE Syracuse Scott County	03	1553CST			0	0	0	0	Hail (0.75)
9 WSW Scott City Finney County	03	1700CST			0	0	?	?	Hail (1.25)
KANSAS, Southwestern Cont'd									
Garden City Trego County	03	1703CST			0	0	0	0	Hail (0.75)
Collver	03	1857CST			0	0	0	0	Hail (0.75)
6 S Ogallah Rush County	03	1925CST			0	0	0	0	Hail (0.75)
6 N McCracken Ellis County	03	1925CST			0	0	0	0	Hail (0.75)
7 SW Hays	03	1940CST			0	0	?	?	Hail (1.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Meade County									
10 N Plains	03	2100CST			0	0	0	0	Thunderstorm Winds 61
2 S Meade	03	2100CST			0	0	0	0	Thunderstorm Winds (G61)
Seward County									
6 NW Kismet	03	2105CST			0	0	0	0	Hail (0.75)
Pratt County									
Cairo	03	2320CST			0	0	?	?	Hail (1.00)
Barber County									
Isabel	03	2320CST			0	0	?	?	Hail (1.00)
Grant County									
4 NNE Ulysses	04	1520CST			0	0	0	0	Hail (0.75)
Seward County									
3 N Kismet	04	1642CST			0	0	0	0	Hail (0.75)
Stanton County									
5 S Saunders	04	1820CST			0	0	0	0	Hail (0.75)
Morton County									
9 NW Richfield	04	1839CST			0	0	0	0	Hail (0.75)
Ness County									
Beeler	14	1630CST			0	0	?	?	Thunderstorm Winds (G70)
Edwards County									
12 SW Kinsley	19	2035CST			0	0	0	0	Hail (0.75)
Barber County									
Southern part	20	0500CST			0	0	0	0	Flood
		Secondary roads under water.							
Gray County									
4 SSE Ingalls	20	1943CST			0	0	0	0	Thunderstorm Winds (G54)
Gray County									
6 SE Cimarron	20	2000CST			0	0	0	0	Thunderstorm Winds (G52)
Morton County									
25 N Elkhart	21	1645CST			0	0	?	?	Hail (1.00)
Grant County									
8 WSW Ulysses	21	1745CST			0	0	0	0	Hail (0.75)
Stevens County									
9 NW Hugoton	21	1920CST			0	0	0	0	Hail (0.75)
Meade County									
12 NW Meade	21	2000CST			0	0	0	0	Hail (0.75)
Clark County									
3 NW Acres	21	2045CST			0	0	0	0	Wind Damage
		Power poles blown down.							
Ford County									
Ford	23	0030CST			0	0	?	?	Hail (1.25)
Kingsdown									
Kingsdown	23	1640CST			0	0	?	?	Hail (3.00)
Kingsdown	23	1700CST			0	0	?	?	Hail (1.00)
1E Kingsdown									
Bucklin	23	1705CST			0	0	?	?	Hail (1.50)
7 NW Dodge City									
Dodge City	23	1725CST			0	0	?	?	Hail (0.75)
Dodge City	23	2030CST			0	0	?	?	Hail (1.25)
Dodge City	23	2030CST			0	0	0	0	Thunderstorm Winds (G54)
Dodge City	23	2040			0	0	105k	?	Thunderstorm Winds (G85)
		Thunderstorm wind of near 100 mph caused extensive damage to fences. Once filling station canopy was downed and it landed on two occupied vehicles but there were no injuries. One roof was taken off a house with debris scattered several hundred yards. A large storage shed was heavily damaged with two motor homes inside receiving extensive damage. Debris was carried one-quarter of a mile.							
Dodge City Airport									
Dodge City Airport	23	2049CST			0	0	0	0	Thunderstorm Winds (G52)
Comanche County									
7 ESE Coldwater	23	1730CST			0	0	?	?	Hail (2.00)
2 N Coldwater									
Coldwater	23	1805CST			0	0	0	0	Hail (0.75)
Coldwater	23	2206CST			0	0	0	0	Thunderstorm Winds (G52)
Protection									
Protection	23	2206CST			0	0	0	0	Thunderstorm Winds (G52)
Barber County									
9 NW Hardtner	23	1752CST			0	0	0	0	Hail (1.25)
Medicine Lodge									
Medicine Lodge	23	1825CST			0	0	10k	5k	Wind damage
		Trees and power lines down, some damage to homes.							
Kiowa									
Kiowa	23	2245CST			0	0	0	0	Wind damage
		Power lines down.							
KANSAS, Southwestern Cont'd									
Lane County									
10 SSE Dighton	23	1929CST			0	0	?	?	Hail (1.00)
10 SSE Dighton									
10 SSE Dighton	23	1929CST			0	0	0	0	Thunderstorm Winds (G61)
Finney County									
Garden City	23	1950CST			0	0	0	0	Thunderstorm Winds (G51)
Hodgeman County									
Jetmore	23	2012CST			0	0	0	0	Thunderstorm Winds (G52)
Gray County									
Montezuma	23	2025CST			0	0	0	0	Thunderstorm Winds (G52)
Cimarron									
Cimarron	23	2025CST			0	0	0	0	Thunderstorm Winds (G52)
6 W Copeland									
6 W Copeland	23	2025CST			0	0	0	0	Thunderstorm Winds (G61)
Haskell County									
6 E Sublette	23	2025CST			0	0	0	0	Thunderstorm Winds (G61)
Meade County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
13 N Plains	23	2027CST			0	0	0	0	Thunderstorm Winds (G52)
Meade	23	2035CST			0	0	?	?	Hail (1.00)
Meade	23	2035CST			0	0	0	0	Thunderstorm Winds (G52)
Clark County									
4 S Minneola	23	2104CST			0	0	0	0	Hail (0.75)
Minneola	23	2107CST			0	0	0	0	Thunderstorm Winds 2
Kiowa County									
Mullinville	23	2210CST			0	0	0	0	Thunderstorm Winds (G61)
Pawnee County									
Rozel	23	2214CST			0	0	0	0	Thunderstorm Winds (G61)
Sanford	23	2214CST			0	0	0	0	Thunderstorm Winds (G61)
Pratt County									
5 W Pratt	23	2220CST			0	0	0	0	Thunderstorm Winds (G52)
Ford County									
4 SE Bucklin	25	1740CST			0	0	?	?	Hail (4.00)
1 SE Bucklin	25	1745CST	.2	50	0	0	0	0	Tornado (F0)
2 SE Bucklin-									
4 SSE - 6 SE	25	1750CST-			0	0	?	?	Wind Damage
Bucklin	25	1745CST			0	0	?	?	
Rear Flank Downdraft damage was 1.0 mile wide. Two windmills and 14 power poles were blown down.									
5 SE Bucklin			3.0	200	0	0	150K	0	Tornado (F2)
2 SSE Bucklin	25	1805CST			0	0	0	0	Hail (1.00)
Pratt County									
4 E Isabel	25	1752CST			0	0	0	0	Hail (0.75)
Barber County									
Lake City	25	1758CST			0	0	0	0	Hail (0.75)
1 S Medicine Lodge	25	1900CST			0	0	?	?	Hail (1.00)
Comanche County									
7 NW Coldwater	25	1834CST			0	0	?	?	Hail (2.75)
Coldwater	25	1835CST			0	0	?	?	Hail (1.75)
4 NE Coldwater	25	1835CST			0	0	?	?	Hail (1.75)
9 NNE Protection	25	1839CST			0	0	?	?	Hail (1.75)
1 NW Coldwater	25	1850CST			0	0	?	?	Hail (2.75)
Coldwater	25	1905CST			0	0	?	?	Hail (1.50)
15 SSE Coldwater	25	1925CST			0	0	0	0	Hail (0.75)
15 SSE Coldwater	25	1940CST			0	0	?	?	Hail (1.00)
Stafford County									
Stafford	25	1945CST			0	0	0	0	Thunderstorm Winds (G61)
Scott County									
Scott City	31	1500CST			0	0	0	0	Street Flood
Ford County									
3 N Dodge City	31	1545CST			0	0	2K	0	Wind Damage
Fence blown down and several four to six inch tree limbs blown down.									
Finney County									
Garden City	31	1620CST			0	0	0	0	Street Flood
Kearny County									
Lakin	31	1645CST			0	0	0	0	Street Flood
KANSAS, Northwestern									
Wallace County									
3 W Sharon Springs	01	1445CST			0	0	?	?	Hail (0.75)
Greeley County									
11 N Tribune	01	1549CST-			0	0	?	?	Tornado (F0)
11 N Tribune	01	1549CST	.1	20	0	0	?	?	
Brief tornado over open area.									
Greeley County									
4 N Tribune	01	1623CST	.1	20	0	0	?	?	Tornado (F0)
Brief tornado over open area.									
KANSAS, Northwestern Cont'd									
Greeley County									
7 N Tribune	01	1630CST			0	0	?	?	Hail (1.75)
Greeley County									
5 N Tribune	01	1645CST			0	0	.4M	10M	Hail (2.75)
Large hail, high winds, and excessive rainfall caused extensive damage to wheat, corn and farm buildings. The wheat was only a week away from being harvested. USDA reports the heaviest hail damage was in a five mile wide strip across the northern and eastern sections of the county.									
Greeley County									
11 N Tribune	01	1700CST-			0	0	?	?	Flood
		2000CST							
Up to six inches of rain caused water from ladder creek to flow over Highway 27.									
Greeley County									
8 SE Tribune	01	1707CST	.1	20	0	0	?	?	Tornado (F0)
Brief tornado over open area.									
Logan County									
Oakley	03	1630CST			0	0	?	?	Hail (1.75)
One inch hail also reported at 1628 CST.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Thomas County 9 S Mingo	03	1630CST			0	0	?	?	Hail (0.75)
Gove County Grainfield	03	1715CST			0	0	?	?	Hail (1.00)
Wichita County 6 SE Marienthal	03	1720CST			0	0	?	?	Hail (1.75)
Sheridan County Angeles	03	1725CST			0	0	?	?	Hail (1.00)
Sherman County Goodland	04	1340CST			0	0	?	?	Hail (0.75)
Cheyenne County 5 NW Bird City	17	1540CST			0	0	?	?	Hail (0.88)
Cheyenne County Bird City	17	1545CST			0	0	?	?	Thunderstorm Winds (G58)
Cheyenne County 3 N Bird City	17	1603CST			0	0	?	?	Hail (1.75)
Nickel hail also reported at 1601 CST 2N Bird City.									
Cheyenne County 4 N Bird City	17	1630CST- 2200CST			0	0	?	?	Flash Flood
Five to six inches of rain within one hour caused flooded roads, crops, and pastures. Fences were damaged. Route 161 north of Bird City was closed.									
Cheyenne County 9 SW Bird City	19	1620CST			0	0	?	?	Hail (1.00)
Wallace County 12 NNW Weskan	19	1725CST			0	0	?	?	Hail (1.00)
Wallace County 7 N Weskan	19	1733CST			0	0	?	?	Thunderstorm Winds (G61)
Spotter estimated 70 mph winds.									
Wallace County 6 NW Sharon Spring	19	1745CST			0	0	?	?	Hail (1.00)
Wallace County 6 NW Sharon Spring	19	1745CST			0	0	?	?	Thunderstorm Winds (G52)
Wind gusts to 60 mph estimated by spotter.									
Wallace County Sharon Springs	19	1805CST			0	0	?	?	Thunderstorm Winds
Three to four inch diameter branches broken in several areas of Sharon Springs.									
Wallace County 12 SSE Sharon Springs	19	1806CST			0	0	?	?	Thunderstorm Winds
One inch to two inch diameter branches broken by thunderstorm wind gusts.									
Sheridan County 7 ESE Angelus	19	1830CST			0	0	?	?	Hail (0.88)
Thunderstorm winds gusting to 70 mph accompanied the hail.									
Sheridan County 4 SE Angelus	19	1845CST			0	0	?	?	Thunderstorm Winds
Thunderstorm winds broke one to four inch diameter branches.									
Cheyenne County Bird City	20	1914CST			0	0	?	?	Thunderstorm Winds (G77)
Spotter reported 88 mph winds at Bird City.									
KANSAS, Northwestern Cont'd									
Cheyenne County 2 SE Wheeler	20	1921CST	.1	20	0	0	?	?	Tornado (F0)
Sheridan County 5 N Angelus	23	1650CST			0	0	?	?	Hail (0.88)
Thomas County 5 N Oakley	23	1657CST			0	0	?	?	Hail (0.75)
Logan County 7 E Winona	23	1720CST			0	0	?	?	Hail (0.75)
Wallace County 11 S Sharon Spring	23	1805CST			0	0	?	?	Hail (1.25)
Greeley County 12 W Tribune	23	1845CST			0	0	?	?	Hail (1.00)
KANSAS, North Central									
Osborne County Osborne	03	2108CST			0	0	2K	0	Thunderstorm Winds (G56)
Jewell County Burr Oak	03	2110CST			0	1	50K	0	Thunderstorm Winds (G65)
Ionia County	03	2123CST			0	0	0	0	Hail (1.00)
Thunderstorm winds downed trees in Osborne and Burr Oak. One tree in Burr Oak fell on a recreational trailer. Another tree fell on a house. An occupant of that home suffered glass cuts as the windows were broken. The winds destroyed five grain bins and a garage in Burr Oak. Several other buildings were damaged by the winds.									
Osborne County 2 S Covert	04	1205CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
12 S Osborne	04	1215CST			0	0	0	100K	Hail (2.75)
3 W Tipton	04	1250CST			0	0	0	75K	Hail (0.75)
Mitchell County									
Tipton	04	1255CST			0	0	0	50K	Hail (0.75)
Cawker City	04	1310CST			0	0	0	50K	Hail (1.25)
Beloit	04	1350CST			0	0	0	50K	Hail (1.00)
Beloit	04	1350CST			0	0	0	50K	Thunderstorm Winds (G69)
Thunderstorms dropped large hail, up to the size of baseballs, which flattened wheat fields. Hail covered the ground at Tipton and accumulated in drifts near Osborne.									
Jewell County									
Ionia	23	2100CST			0	0	0	0	Hail (1.00)
Smith County									
4 SW Smith	24	2012CST			0	0	0	0	Hail (0.75)
Center									
Phillips County									
Agra	25	1659CST			0	0	0	10K	Hail (1.75)
2 S Agra	25	1718CST			0	0	0	0	Hail (0.75)
Osborne County									
4 N Natoma	25	1727CST			0	0	0	5K	Hail (1.25)
4 E Natoma	25	1744CST			0	0	0	5K	Hail (1.50)
Smith County									
Claudell	25	1738CST			0	0	0	5K	Hail (2.50)
KENTUCKY, Northern									
Gallatin County									
Sugar Bay	23	1641EST			0	0	2K	0	Thunderstorm Winds
Several trees were uprooted.									
Mason County									
Maysville	26	1549EST			0	0	0	0	Hail (0.75)
Hail covered the ground.									
KENTUCKY, Northeast									
KYZ101-102-	13								
103-104-105-	16				0	0	0	0	Heat Wave
107-119									
Northeast									
Temperatures peaked in the 90s with dew points in the 70s.									
Boyd County									
Ashland	27	1610EST			0	0	0	0	Thunderstorm Winds
Large tree branches were snapped off.									
KENTUCKY, Central									
Shelby County									
Finchville	04	1700EDT			0	0	20K	0	Thunderstorm Winds
Two houses damaged by trees. A barn lost part of a roof. All damage occurred from one mile North of Finchville to Logan State Road. Report from Shelby County Department of Emergency Service and HAM Radio spotter.									
KENTUCKY, Central Cont'd									
Oldham County									
Goshen04	1826EDT				0	0	0	0	Thunderstorm Winds
Power lines blown down. Boaters had to be rescued on the Ohio River. Report from Oldham County Dispatch.									
Oldham County									
Goshen	04	1826EDT			0	0	0	0	Lightning
Several homes struck by lightning. Report from Oldham County Dispatch.									
Henry County									
New Castle	04	1920EDT			0	0	0	0	Thunderstorm Winds
Trees blown down on Highway 421. Tents were blown down at the Fairgrounds. Report from Henry County Dispatch.									
Bullitt County									
	04	2240EDT			0	0	0	0	Thunderstorm Winds
Numerous trees and power lines blown down. Report from Bullitt County Department of Emergency Service and Dispatch.									
Jefferson County									
Louisville	04	2250EDT			0	0	0	0	Thunderstorm Winds
Numerous trees blown down across Louisville and the suburbs. Reported by Jefferson County Department of Emergency Service.									
Oldham County									
	04	2257EDT			0	0	0	0	Thunderstorm Winds
Numerous trees down along Highway 42. Power outages and trees blown down in Westport and LaGrange. Report from Oldham County Dispatch.									
Nelson County									
	15	1230EDT			0	0	0	0	Thunderstorm Winds
Trees down across roads near Bardstown. Report from Bardstown Police Department.									
Green County									
	15	1500EDT			0	0	0	0	Flash flooding
Water reported over parts of Route 61 South. Reported by Green County Department of Emergency Services.									
Taylor County									
	15	1510EDT			0	0	0	0	Flash flooding
Water reported over some low-lying county roads. Report from local law enforcement.									
Woodford County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Midway	15	1510EDT			0	0	0	0	Thunderstorm Winds Trees were down, one was blocking a road. Report from Woodford County Dispatch.
Fleming County Beechburg	15	1635EDT			0	0	0	0	Hail (0.75) Three-quarters inch hail reported by Department of Emergency Services.
Bourbon County	15	1715EDT			0	0	0	0	Thunderstorm Winds State Police reported trees blown down on Highway 627.
Clark County	15	1805EDT			0	0	0	0	Thunderstorm Winds Trees blown down in Northern part of county. The report was from Clark County Dispatch.
Clark County Forrest Grove	15	1810EDT			0	0	0	0	Thunderstorm Winds Trees blown down. Report from Clark County Dispatch.
Clark County	15	1810EDT			0	0	0	63K	Hail (2.00) Two-inch hail destroyed an estimated \$63,000 in tobacco crops.
Fleming County Poplar Grove	15	1831EDT			0	0	0	0	Hail 0.75 Sheriff reported nickel-size hail one-half inch deep on the ground.
Owsley County	17	1510EDT			0	0	0	0	Thunderstorm Winds Several large trees were blown down on Highway 1 about six miles south of Booneville in the Wolfe Creek area about 18 miles Southwest of Jackson.
Clay County	17	1610EDT			0	0	20K	0	Thunderstorm Winds Spotter reported numerous trees were uprooted and some were tossed across mobile homes near the Rocky Fork area on Highway 2000 near Van Camp, about 24 miles Southwest of Hazard near the Clay and Leslie County lines. Trees were reported down in the Phillips Fork and Red Bird Mission areas about 27 miles Southwest of Hazard.
Jefferson County Louisville	22	1900EDT			0	1	0	0	Lightning A man was slightly injured when lightning struck a utility pole and traveled through the phone lines into his living room.
Nelson County Bardstow	22	1945EDT			0	0	20K	0	Lightning Lightning did major damage to a house.
Meade County Wolf Creek	23	1850EDT			0	0	0	0	Thunderstorm Winds Numerous large trees down.
Jefferson County	23	1915EDT			0	0	0	0	Thunderstorm Winds A spotter reported 60 mph winds in Eastern Jefferson County in the Hillview area. Numerous power lines were also reported down.
KENTUCKY, Central Cont'd									
Hardin County	23	1920EDT			0	0	0	0	Thunderstorm Winds A spotter reported large trees down between Radcliff and Elizabethtown on United States 31 West.
Nelson County	24	0450EDT			0	0	50K	0	Lightning Lightning destroyed a two-story home.
Wolfe County	25	1537EDT			0	0	0	0	Thunderstorm Winds Wolfe County Department of Emergency Services reported trees down near Hazel Green in Northern Wolfe County about 14 miles North of Jackson.
Morgan County	25	1620EDT			0	0	0	0	Thunderstorm Winds Ambulance drivers reported that two trees were down at the junctions of Route 7 and Route 519 about three miles Northeast of West Liberty or 28 miles North of Jackson.
Harlan County	25	1621EDT			0	0	0	0	Thunderstorm Winds State Police reported numerous trees down near Putney along Highway 422 about 24 miles south of Hazard.
Cumberland County Burkesville	31	1750EDT			0	0	0	0	Thunderstorm Winds Trees were reported down from Burkesville Northwest to Marrowbone. Report from County Dispatch.
Adair County	31	1815EDT			0	0	0	0	Thunderstorm Winds Trees reported down at the South end of the county.
Lincoln County	31	1850EDT			0	0	0	0	Thunderstorm Winds Law enforcement officials reported trees down in the Crab Orchard area.
Bell County	31	1920EDT			0	0	0	0	Thunderstorm Winds A single four foot wide tree was reported down across a car and power line in Middlesboro.
Breathitt County	31	1940EDT			0	0	0	0	Thunderstorm Winds Several trees down in Lost Creek about seven miles Southeast of Jackson.
KENTUCKY, Southwestern									
Fulton County Countywide	04	1725EST			0	2	75K	0	Thunderstorm Winds
Graves County Countywide	04	1735EST			0	0	0	0	Thunderstorm Winds (G50)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
McCracken County Western	04	1745EST			0	0	0	0	Thunderstorm Winds (G50)
Calloway County 2 S Murray	04	1745EST			0	0	0	0	Thunderstorm Winds (G50)
Carlisle County Numerous Spots	04	1745EST			0	0	5K	0	Thunderstorm Winds (G50)
Trigg County 2 N Cadiz	04	1755EST			0	0	5K	0	Thunderstorm Winds The roof was blown off a baseball dugout.
Marshall County Numerous Spots	04	1800EST			0	1	100K	0	Thunderstorm Winds
Livingston County 4 N Gilbertsville	04	1815EST			0	0	0	0	Thunderstorm Winds (G50) A thunderstorm that originated over western Tennessee produced sporadic reports of wind damage. The storm entered the southwest corner of Kentucky near Fulton, then tracked across Graves County before reaching the Illinois border a few miles west of Paducah. Damage was mainly to trees and power lines. The worst damage was in and near Fulton, where two people were injured when a tree fell on their car. Cars and houses in and around Fulton were damaged by falling limbs. A wind gust to 60 mph was reported in West Paducah by tower personnel at Barkley Regional Airport. United States Routes 60 and 62 were both blocked by fallen trees a few miles west of Paducah. A second shorter-lived severe thunderstorm developed along the Tennessee border south of Murray. This storm moved north across Marshall County into southern Livingston County. The worst damage was in the Gilbertsville area, where a possible microburst caused a well defined damage path. The storm struck a popular camping area on a holiday weekend, resulting in one injury and lots of damaged motor homes. A camper received minor cuts and bruises when a tree limb fell on a tent. Trees and property were damaged in the microburst area, which was several hundred yards wide. Power outages in Marshall, Graves, and Calloway Counties lasted up to 12 hours.
KYZ001>013 07- Western KY 23					0	5	0	?	Heat Wave Temperatures reached or exceeded 90 degrees from the 7th to the 23rd in most of western Kentucky. The heat index exceeded 105 degrees on many of these afternoons. The Tennessee Valley Authority recorded an all-time power demand. Local electric cooperatives reported scattered outages in Marshall, Calloway, and Graves Counties due to the extreme power demand. Several people were treated at Paducah hospitals for heat exhaustion or heat cramps.
Fulton County 4 SW Hickman	08	0630EST			0	0	0	0	Thunderstorm Winds (G50)
Carlisle County 2 N Bardwell	23	1435EST			0	0	0	0	Thunderstorm Winds (G50)
McCracken County Reidland	23	1445EST			0	0	50K	0	Thunderstorm Winds
KENTUCKY, Southwestern Cont'd									
Numerous trees and signs were blown down. Some trees fell across roads and power lines.									
Livingston County Ledbetter	23	1447EST			0	0	0	0	Thunderstorm Winds (G52)
Livingston County Ledbetter	23	1447EST			0	0	0	0	Hail (0.88)
Hickman County Clinton	24	2150EST			0	0	0	0	Thunderstorm Winds (G50)
Trigg County Golden Pond	25	0050EST			0	0	0	0	Thunderstorm Winds (G50)
Lyon County 2 W Kuttawa	28	0516EST			0	0	0	0	Hail (1.75)
Crittenden County 3 NE Shady Grove	28	0705EST			0	0	0	0	Thunderstorm Winds (G50)
Caldwell County Many areas	28	0720EST			0	0	0	0	Thunderstorm Winds (G52)
Crittenden County Southern	28	0730EST			0	0	10K	0	Thunderstorm Winds Several trees were blown down, including one that fell on a house.
Trigg County Northern	28	0738EST			0	0	0	0	Thunderstorm Winds (G52)
Lyon County Countywide	28	0800EST			0	0	0	0	Thunderstorm Winds (G52)
Caldwell County Princeton	28	0809EST			0	0	60K	0	Lightning Two homes were struck by lightning. One of the homes was extensively damaged by fire. Many power lines and transformers were damaged by lightning, which caused numerous power outages lasting up to eight hours.
KENTUCKY, Western									
Butler County Countywide	04	1855EST			0	0	10K	0	Thunderstorm Winds Numerous trees and power lines were blown down across the county.
Ohio County Countywide	04	1915EST			0	0	3K	0	Thunderstorm Winds Several trees and power lines were blown down across the county.
Muhlenberg County Countywide	04	1925EST			0	0	15K	0	Thunderstorm Winds Numerous trees and power lines were blown down across the county.
Logan County Russellville	04	1930EST			0	0	3K	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Daviess County Countywide	04	1934EST			0	0	10K	0	Thunderstorm Winds
Numerous trees and power lines were blown down across the county.									
Hopkins County	04	1940EST			0	0	3K	0	Thunderstorm Winds
Several trees were blown down across the southern portion of the county.									
Hancock County Countywide	04	1955EST			0	0	10K	0	Thunderstorm Winds
Numerous trees and power lines were blown down across the county.									
Grayson County Countywide	04	1955EST			0	0	10K	0	Thunderstorm Winds
Numerous trees and power lines were blown down across the county.									
Hopkins County Countywide	28	0715EST			0	0	3K	0	Thunderstorm Winds
Several trees were blown down across the county.									
Christian County Hopkinsville	28	0800EST			0	0	7K	0	Thunderstorm Winds
Several trees were blown down and a barn roof sustained damage five miles west of Hopkinsville.									
N. Logan County	31	1430EST			0	0	1K	0	Hail (0.75)
Daviess County	31	1625EST			0	0	3K	0	Hail (1.00)
Knottsville									
Hancock County	31	1625EST			0	0	10K	0	Thunderstorm Winds
Hawesville									
A garage and greenhouse was damaged three miles south of Hawesville.									
LOUISIANA, Northwest									
Ouachita Parish Monroe	03	1505CST			0	0	0	0	Thunderstorm Winds
Thunderstorm winds produced wind gusts to 47 mph damaging tree limbs which caused power outages.									
LOUISIANA, Northwest Cont'd									
Monroe	03	1505CST			0	0	0	0	Hail (0.75)
Bienville Parish Lake Bistineau	03	1530CST			0	0	0	0	Hail (0.75)
Bossier Parish Bossier	03	1615CST			0	0	10K	0	Thunderstorm Winds
Shingles were blown off a house and blew trees onto cars in the area.									
Webster Parish Minden	03	1625CST			0	0	0	0	Thunderstorm Winds
Thunderstorm winds blew down power lines along with several tree limbs two inches in diameter.									
Red River Parish Coushatta	13	2045CST			0	0	2K	0	Thunderstorm Winds
Thunderstorm winds blew down several large tree limbs along with a few trees onto houses.									
Caddo Parish Keithville	17	1425CST			0	0	0	0	Thunderstorm Winds (G60)
Several power lines were downed by thunderstorm winds.									
Ouachita Parish Monroe	28	2030CST			0	0	0	0	Thunderstorm Winds
Several trees and power lines were blown down in Monroe.									
Caldwell Parish Columbia	28	2100CST			0	0	0	0	Thunderstorm Winds
Three-inch diameter tree limbs blown down by thunderstorm winds.									
5 W Columbia	28	2115CST			0	0	0	0	Thunderstorm Winds
Several trees were blown down.									
Winn Parish Winnfield	28	2155CST			0	0	0	0	Thunderstorm Winds
Several trees and power lines were blown down in Winnfield.									
Natchitoches Parish Natchitoches	28	2215CST			0	0	1K	0	Thunderstorm Winds
Numerous reports of trees and power lines down causing over 20,000 customers to lose power. The power remained out in some locations until the evening of the following day.									
Natchitoches	28	2230CST			0	0	0	0	Thunderstorm Winds
Several trees and power lines were blown down.									
Red River Parish 5 S Coushatta	28	2240CST			0	0	0	0	Thunderstorm Winds (G60)
Sabine Parish Florien	28	2315CST			0	0	0	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Several trees were blown down in Florien.
Lincoln Parish									
Ruston	28	2345CST			0	0	0	0	Hail (0.75)
Bienville Parish									
Mt. Lebanon	28	2355CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down across Louisiana Highway 154.
De Soto Parish									
Mansfield	29	0000CST			0	0	0	0	Thunderstorm Winds
									Several trees and power lines were blown down in Mansfield.
Logansport	29	0250CST			0	0	0	0	Thunderstorm Winds
									Thunderstorm winds downed numerous trees causing roads to be blocked. Power lines were also reported down. Airport was 17 mph at 1350 CST on July 30th.
LOUISIANA, Northeast									
Morehouse Parish									
Oak Ridge	28	1945CST			0	0	2K	0	Thunderstorm Winds
									Several trees were blown down.
West Carroll Parish									
Oak Grove	28	2000CST			0	0	0	0	Thunderstorm Winds (G52)
Richland Parish									
Delhi	28	2030CST			0	0	2K	0	Thunderstorm Winds
									Several trees were blown down.
Franklin Parish									
Crowville	28	2035CST			0	0	5K	0	Thunderstorm Winds
LOUISIANA, Northeast Cont'd									
									Numerous trees and power lines were blown down.
Catahoula Parish									
Jonesville	28	2115CST			0	0	2K	0	Thunderstorm Winds
									Several trees were blown down.
LOUISIANA, Southeast									
St. Charles Parish									
Hahnville	01	0945CST			0	0	0	0	Thunderstorm Winds
									Large tree limbs and power lines were blown down.
St. Tammany Parish									
Covington	10	1700CST			0	0	20K	0	Thunderstorm Winds
									Thunderstorm wind gusts tore the roof off of a building.
Tangipahoa Parish									
Hammond	10	1820CST			0	0	0	0	Hail (0.88)
									Nickel-size hail was reported.
Point Coupee Parish									
New Roads	12	1930CST			0	0	50K	0	Thunderstorm Winds
									Thunderstorm wind gusts knocked down several trees and caused roof damage to several buildings in New Roads.
St. Helena Parish									
6 E Easleyville	12	1900CST			0	0	0	0	Thunderstorm Winds
									Wind damage reported to trees.
Tangiaphoa Parish									
2 E Pontchatoula	12	1715CST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm wind gusts pushed a mobile home off its foundation.
Terrebonne Parish									
Houma	14	2200CST			0	0	0	0	Thunderstorm Winds
									A couple of trees were blown down, and a large tent collapsed due to thunderstorm wind gusts.
St. Bernarowd Parish									
Poydras	19	1715CST			0	0	0	0	Thunderstorm Winds
									Wind damage reported to trees.
Plaquemine Parish									
Braithewaite	19	1720CST			0	0	0	0	Thunderstorm Winds
									Wind damage reported to trees.
Tangipahoa Parish									
Tickfaw	27	1500CST			0	0	0	0	Thunderstorm Winds
									Thunderstorm wind gusts blew down several trees. Power lines were reported down in the north portion of the parish.
St. Helena Parish									
Greensburg	28	2025CST			0	0	0	0	Thunderstorm Winds
Liverpool	28	2025CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down along with power lines.
Livingston Parish									
4 N Livingston	28	2025CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down.
East Baton Rouge Parish									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Pride	28	2145CST			0	0	0	0	Thunderstorm Winds
Baton Rouge	28	2145CST			0	0	0	0	Thunderstorm Winds
			Several trees reported blown down along with power lines.						
Pointe Coupee Parish									
New Roads	28	2150CST			0	0	0	0	Thunderstorm Winds
Morganza	28	2150CST			0	0	0	0	Thunderstorm Winds
			Trees and power lines were downed by thunderstorm wind gusts.						
Ascension Parish									
Burnside	28	2205CST			0	0	0	0	Thunderstorm Winds
			Several trees were blown down by thunderstorm wind gusts.						
Southeast Louisiana									
LAZ066>070	29	1200CST-			0	0	0	0	Coastal Flood
	31	0800CST			0	0	0	0	
			The combination of strong high pressure over the eastern United States and a tropical depression moving through the northwest Gulf of Mexico caused strong east and southeast winds along the southeast Louisiana coast. The strong winds caused tides to average two to four feet above normal causing minor flooding in low lying coastal areas. No significant structural damage was reported.						
LOUISIANA, Southwest									
Lake Charles CWA									
LOUISIANA, Southwest Cont'd									
Rapides Parish									
Alexandria	03	1218CST			0	0	?	0	Thunderstorm Winds
			Tree blown down on the south side of Esler Airport.						
Rapides Parish									
Forest Hill	04	1414CST			0	0	?	0	Thunderstorm Winds
			Tree blown down across Highway 165.						
Grant Parish									
Dry Prong	04	1410CST			0	0	?	0	Thunderstorm Winds
			Power lines blown down.						
Grant Parish									
Collfax	05	1130CST			0	0	?	0	Thunderstorm Winds
			Six trees blown down.						
Rapides Parish									
Alexandria	05	1030CST			0	1	?	0	Lightning
			One woman received an electrical shock while typing on a computer when lightning struck a tree outside her office.						
5 W Alexandria	05	1200CST			0	0	?	0	Thunderstorm Winds
			Trees blown down.						
Alexandria	05	1300CST			0	0	?	0	Thunderstorm Winds
			Trees and power lines blown down.						
Beauregard Parish									
DeRidder	05	1300CST			0	0	?	0	Thunderstorm Winds
			Power lines down.						
Dry Creek	05	1300CST			0	0	?	0	Thunderstorm Winds
			Power lines down.						
St Landry Parish									
Opelousas	05	1410CST			0	0	?	0	Thunderstorm Winds
			Trees blown down.						
Melville	05	1410CST			0	0	?	0	Thunderstorm Winds
			Trees blown down.						
Evangeline Parish									
3 N Basille	05	1425CST			0	0	?	0	Thunderstorm Winds
			Power lines blown down on Highway 371.						
Cameron Parish									
Hackberry	11	1815CST			0	0	?	0	Thunderstorm Winds
			Tree were blown down.						
Calcasieu Parish									
Lake Charles	13	1545CST			0	0	?	0	Thunderstorm Winds
			Trees and power lines blown down.						
Lake Charles	13	1545CST			0	0	?	0	Hail (0.75)
Vermilion Parish	13	1600CST			0	0	10K	0	Thunderstorm Winds
Abbeville			Several trees and power lines blown down. One tree fell into a house, destroying the kitchen.						
Rapides Parish									
Glenmora	13	1620CST			0	0	?	0	Hail (0.75)
Beauregard Parish									
Pitkin	13	1700CST			0	0	?	0	Hail (0.75)
Vernon Parish									
8 W Leesville	13	1813CST			0	0	?	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Trees blown down two miles east of the south end of Toledo Bend Reservoir.
Rapides Parish	13	1910CST			0	0	?	0	Hail (0.75)
Forest Hill									
Grant Parish	13	1938CST			0	0	?	0	Thunderstorm Winds
10 SE Colfax									Trees were blown down.
LaSalle Parish	28	2135CST			0	0	25K	0	Thunderstorm Winds
Jena									
Avoyelles Parish	28	2158CST			0	0	?	0	Thunderstorm Winds
Marksville									
Grant Parish	28	2200CST			0	0	15K	0	Thunderstorm Winds
Montgomery									
St. Landry Parish	28	2222CST			0	0	?	0	Thunderstorm Winds
Opelousas									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
LOUISIANA, Southwest Cont'd									
Allen Parish Oakdale	28	2225CST			0	0	?	0	Thunderstorm Winds
Vernon Parish Leesville	28	2245CST			0	0	15K	0	Thunderstorm Winds
Evangeline Parish Ville Platte	28	2255CST			0	0	?	0	Thunderstorm Winds
Beauregard Parish DeRidder	28	2320CST			0	0	?	0	Thunderstorm Winds
Acadia Parish Crowley	28	2330CST			0	0	?	0	Thunderstorm Winds
Calcasieu Parish Westlake	28	2332CST			0	0	?	0	Thunderstorm Winds
Jefferson Davis Parish Hathaway	28	2335CST			0	0	10K	0	Thunderstorm Winds
Lafayette Parish Lafayette	28	2338CST			0	0	?	0	Thunderstorm Winds
Cameron Parish Cameron	29	0030CST			0	0	?	0	Thunderstorm Winds
Severe thunderstorms moved across southwest and central Louisiana, producing strong wind gusts and hail. Most of the widespread wind damage was downed trees and power lines, however several roofs were damaged or blown off in Trout and Jena in LaSalle parish, Montgomery in Grant Parish, Leesville in Vernon Parish, and Hathaway in Jefferson Davis Parish.									
Cameron Parish Holly Beach to Johnsons Bayou	29 31	1200CST- 1200CST			0	0	?	0	Tropical Storm Dean
1 N Holly Beach	30	1900CST	0.1	20	0	0	0	0	Tornado (F0)
A fire department official saw a small tornado develop in a field behind the Holly Beach Fire House. It was only on the ground for five minutes. This storm was in a rainband of Tropical Storm Dean. The only other effect from Tropical Storm Dean was minor flooding on Highway 82 between Holly Beach and Johnson's Bayou due to a high tide of 3.75 feet at the Cameron tide gauge. The time this occurred was primarily near high tides. The highest wind gust recorded at the Lake Charles.									
MAINE									
Franklin County Farmington	01	1330EST			0	0	250K	0	Lightning
Lightning struck a family farm near Farmington. The resultant fire destroyed a barn and dairy, and damaged the family home. No people or animals were injured.									
York County	01	1800EST			0	0	?	0	Thunderstorm Winds
Fourteen sailboats (14 feet long) were flipped over near Kennebunk Beach. Some power lines were down on Route 9.									
Franklin County 4 NW Phillips	07	1515EST			0	0	?	0	Thunderstorm Winds
Winds downed several large trees near Toothaker Pond.									
Somerset County 15 W Greenville	14	0915EST			0	6	0	0	Lightning
Six rafters were injured, some seriously, when lightning struck their campsite on Indian Pond at the headwaters of the Kennebec River.									
Penobscot County Bradford	15	0458EST			0	0	?	0	Thunderstorm Winds
A thunderstorm downburst damaged several houses, overturned a mobile home, and downed a swath of trees.									
Cumberland County Otisfield	15	0900EST			0	0	?	0	Thunderstorm Winds
A number of trees were downed along Route 121.									
Somerset County Bingham	15	0915EST			0	0	?	0	Thunderstorm Winds
Winds downed trees and powerlines.									
Washington County	15	0930EST			0	2	?	0	Hail(1.75)
	15	0930EST			0	0	100K	0	Thunderstorm Winds (G93)
A severe thunderstorm wreaked havoc in and around Narraguagus Bay. High winds sank one moving lobster boat and nearly capsized another. Both crews made it to safety. Many trees were blown down on several islands and along the coast. A peak gust of 93 knots was recorded at Stewart's Point before the wind equipment broke. Golf ball-size hail injured two women camping on Flint Island. Winds downed large trees in Milbridge and Cherryfield, damaging several homes.									
Cumberland County Brunswick	26	1310EST			0	0	50K	0	Thunderstorm Winds (G56)
Two mobile homes were destroyed and several others damaged when a thunderstorm microburst blew down large trees in mobile home park. A peak gust of 64 mph was reported by Brunswick Naval Air Station.									
York County Wells	26	1330EST			0	0	60K	0	Lightning
MAINE Cont'd									
A lightning strike did major damage to communications and computer equipment at the Wells Police Department.									
Knox County Camden	27	0200EST			0	0	?	0	Thunderstorm Winds
Several trees were downed by thunderstorm Winds.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property - Crops	Character of Storm
Androscoggin County Lewiston	27	1500EST			0	1	0 0	Lightning Lightning struck a man in the foot as he stood in his garage door bay.
Cumberland County Windham Center	27	1530EST			0	0	? 0	Thunderstorm Winds
	27	1530EST			0	0	? 0	Flash Flood A severe thunderstorm downed trees and produced flooding in the Windham area. Debris and boulders the size of a human head washed across roadways. Some driveways were washed out. High water resulted in floating cars in one parking lot in North Windham.
Lincoln County Walpole	28	2000EST			0	0	? 0	Thunderstorm Winds Trees were downed by thunderstorm winds.
Aroostook County	Entire month		0		0	0	? 0	Warm, Dry Conditions Precipitation for the month averaged 56% of normal across the county. Caribou's 1.48 inches was its second driest July record. It was also its fourth warmest month ever, and the warmest month since 1973.
MARYLAND, Northeast								
Kent County Galena	11	0145EST			0	0	? ?	Thunderstorm Winds Hail (0.75) A severe thunderstorm uprooted a few trees and dropped dime size hail in Galena.
MDZ012-015-019-020	12	0900EST-			0	?	? ?	Heat Wave
MDZ008	05	2100EST-			0	?	? ?	Heat Wave
Cecil County	13	0900EST-			0	?	? ?	Heat Wave
	18	2300EST			0	?	? ?	Heat Wave An oppressive heat wave, which lasted as long as twenty-five consecutive days in Kent, Queen Anne's, Talbot and Caroline Counties, gripped the state after July 11th. A cold front brought temporary relief after the 18th in Cecil County. While the humidity levels dropped to comfortable levels for a couple of days after the 18th, high temperatures still reached into the 90s. The hottest day of the month was the 15th when many records were set. High temperatures included 102 at the Baltimore-Washington International Airport, 100F in Salisbury and 99F at the Greater Wilmington-New Castle Airport in Delaware. Dewpoint temperatures on the 15th were into the 80s, making apparent temperatures (Heat Index) feel well above 110F. There were no reports of any heat related deaths. The heat, especially on the 15th, caused the death of 3.7 million chickens throughout the Delmarva Peninsula.
Cecil County Northeast	16	0215EST			0	0	? ?	Thunderstorm Winds A complex of severe thunderstorms toppled trees in northeast Cecil County. More widespread wind damage occurred in northern New Castle County Delaware and southern Chester County Maryland.
MDZ008 Cecil County	23	0900EST-			0	?	? ?	Heat Wave
	05	2100EST-			0	?	? ?	Heat Wave One of the longest heat waves (two weeks) enveloped Cecil County Maryland for the rest of July and early August. The hottest temperatures during this heat wave were set in early August. No heat related deaths were reported. The Pennsylvania-New Jersey-Maryland Interconnection set an hourly usage record on July 25th of 46.07 million between 1500 and 1600 EST.
MDZ008-012-015-019-020	month long				0	?	? ?	Unseasonably Warm The mean temperature of 81.5 degrees at the Baltimore-Washington International Airport was the warmest on record. The mean temperature of 78.8 degrees at the Greater Wilmington Airport DE was the 8th warmest July on record. The oppressive heat wave that most of the state had to endure from the 12th onward was one of the longest on record. The heat affected a countless number of persons. The heat also put a tremendous strain on the agricultural and poultry industries.
MARYLAND, Central								
Carroll County Harney	01	1400EST			0	1	0 0	Lightning Lightning struck a man outside his residence in Harney, causing injury. The man was taken to a hospital in Gettysburg (PA), where he was treated for serious, but not life-threatening, injuries.
Anne Arundel County Annapolis	01	1554EST			0	0	10K 0	Thunderstorm Winds
Calvert County	01	1555EST-			0	0	5K 0	Thunderstorm Winds Baltimore Gas and Electric estimated about 15,000 residents lost power from thunderstorm winds knocking down power lines and numerous large tree branches in Anne Arundel and Calvert Counties.
		1600EST			0	0	5K 0	Thunderstorm Winds
Allegany County Picole	06	1215EST			0	0	1K 0	Thunderstorm Winds Thunderstorm winds blew a tree across federal Highway 220.
MARYLAND, Central Cont'd								
Montgomery County	06	1520EST-			0	0	5K 0	Thunderstorm Winds Numerous trees were knocked down by thunderstorm winds in central Montgomery County in Gaithersburg. Some trees were also reported down in the southern part of the county.
		1530EST			0	0	5K 0	Thunderstorm Winds
Frederick County	06	1530EST			0	0	5K 0	Thunderstorm Winds
		1545EST-			0	0	0 0	Flash flooding Thunderstorm winds knocked down trees. Some blocked roads and others knocked out power. About 1,800 homes were without power. The temperature dropped 19 degrees in 15 minutes as it came through, dropping about two inches of rain in half an hour.
		1615EST			0	0	0 0	Flash flooding

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Bennett Creek (extreme southern portion of county) flooded from the storm, and drivers on southbound Route 355 had to be diverted.									
Prince Georges County	06	1600EST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds knocked down large tree limbs and power lines in the northern part of the county.									
Carroll County	06	1605EST			0	0	10K	0	Thunderstorm Winds
Thunderstorm winds knocked down trees and power lines. About 14,000 homes were without power.									
Howard County 3 E West Friendship	06	1607EST	0.1	20	0	0	75K	0	Tornado (F0)
A funnel cloud was sighted by several people west of Ellicott City. Just south of Interstate 70 about a half mile east of the Marriottsville Exit, a gustnado briefly touched down in a wooded area. Debris was visibly seen coming up from the ground. A stand of trees about 50 feet by 50 feet along the side of Interstate 70. The path length was only 50 yards with a width of 50 feet. A house between Marriottsville and Ellicott was heavily damaged when a tree fell on it.									
Baltimore County	06	1700EST			0	0	60K	0	Lightning
		1645EST			0	0	5K	0	Thunderstorm Winds
		1645EST	0.1	10	0	0	5K	0	Tornado (F0)
Baltimore City	06	1645EST			0	0	5K	0	Thunderstorm Winds
A gustnado briefly touched down at a residence in Monkton. A 75-foot tall Hickory tree was twisted, but did not snap. Other debris was thrown in a circular pattern along a 25 yard path through the yard. The width of the path was estimated at no more than 20 feet. Four houses were struck by lightning in the Countykeysville area, and trees were also blown down. Other thunderstorms blew down trees in Baltimore City. City and county wide, about 8,000 homes lost power.									
Washington County	10	1846EST			0	0	10K	0	Lightning
Lightning struck the State Police transmitter west of Hancock and knocked out all of their communications.									
Carroll County	10	2220EST			0	0	0	0	Hail (0.75)
		2220EST			0	0	5K	0	Thunderstorm Winds
		2220EST			0	0	50K	0	Lightning
A thunderstorm dropped dime-size hail over the northern part of the county. Winds knocked out power and downed several trees in the Westminster area. Several houses were struck by lightning.									
Carroll County	10	2250EST-			0	0	40K	0	Thunderstorm Winds
		2305EST			0	0	70K	0	Lightning
		2250EST			0	0	15K	0	Flash Flooding
		2250EST-			0	0	15K	0	Flash Flooding
		2310EST			0	0	15K	0	Flash Flooding
Thunderstorms produced damaging winds knocking down trees and blew off three chimneys. Five houses were hit by lightning. Basements were flooded especially in the Hampstead area.									
Carroll County Westminster	11	0000EST			0	0	0	0	Hail (0.75)
Dime-size hail was reported in Westminster.									
Baltimore County	11	0005EST			0	0	15K	0	Lightning
Lightning struck a house in Hereford, northern Baltimore County.									
Charles County	11	0100EST			0	0	10K	0	Thunderstorm Winds
Several areas across the northern part of the county reported trees down from thunderstorm winds.									
Calvert County	11	0130EST			0	0	5K	0	Lightning
State Police in Prince Frederick took a lightning strike, which caused some damage to their radios.									
MDZ003>010-013>017	14	1200EST-			8	31	30K	0	Excessive Heat
	16	0200EST							
A 38-hour period of extremely hot and humid weather in mid-July took its toll on humans and animals alike. The heat was caused by strengthening of the Bermuda high, extending from the surface to the upper levels of the atmosphere. The most life-threatening period of the heat wave occurred during the afternoon of the 15th, when temperatures ranged from 98 to 103 but heat indices were between 115 and 129. For the entire period, heat indices were at or above 90 at most locations. On the evening of the 15th, indices exceeded 100 until around 2 am, when outflow from a strong thunderstorm cooled and dried the surface, dropping temperatures and heat indices to the low to mid 70s. In the Baltimore area, there were a reported six deaths from the excessive heat. One man was found in a van which he lived in Hampden. The Medical Examiner's office reported two other deaths in the state during the same period. Thirty-one people were injured on the 17th when an elevated portion of Baltimore's subway bowed outward, causing a train to derail at around									
MARYLAND, Central Cont'd									
1250EST. In Frederick Co, near Jefferson, a portion of highway buckled, causing minor damage to a vehicle which crossed the bump shortly thereafter. (MVE39)									
MDZ003>010-013>017	21	1200EST-			3	0	0	0	Excessive Heat
	31	2000EST							
The heat wave returned twice in late July, from the 21st through the 25th and again from the 29th through the 31st. However, temperatures were not as oppressive, ranging from 90 to 97 degrees. Daytime heat indices ranged from 105 to 115, but fell below 90 each night. Three more persons perished during this period due to complications from the heat. During the month, Frederick City reported 22 consecutive maxima of 90 degrees or higher.									
Frederick County	16	0015EST-			0	0	25K	0	Thunderstorm Winds
		0030EST			0	0	0	0	Hail (0.75)
		0020EST			0	0	0	0	Hail (0.75)
Thunderstorm winds were estimated to be between 60 and 70 mph by a person 18 miles east of Hagerstown. A Skywarn spotter in Middletown estimated winds at over 60 mph and some trees were blown down. Three-quarter inch hail was also reported.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
There were numerous reports of trees down over most of the county. Several thousand customers were without power during the storm.									
Carroll County	16	0027EST			0	0	10K	0	Thunderstorm Winds
									Thunderstorm winds knocked down trees in Taneytown. Power outages were also reported throughout much of the county.
Allegheny County	17	1615EST- 1645EST			0	0	0	0	Flash Flooding
									Flash flooding, caused by thunderstorms and heavy rain, was reported on Routes 35 and 220 as well as Valley Road.
Frederick County	17	1730EST 1730EST- 1740EST			0	0	10K	0	Thunderstorm Winds
									Thunderstorm winds knocked down trees and power and phone lines in the county. Lightning also struck three houses in a area around the city of Frederick.
Charles County Indian Head	21	1605EST			0	0	3K	0	Thunderstorm Winds
									Thunderstorm winds knocked power lines down near Indian Head.
Baltimore County	24	1520EST- 1525EST	2.0	75	0	0	100K	0	Tornado (F1)
									A tornado left about a two mile path of damage across York Road, south of Hereford, east toward the town of Monkton. At one farm 15 trees of various types were snapped and uprooted. One spruce fell into the living room of the farmhouse and separated the wrap-around porch from the main house. At the next farm, a tree fell on a car with a woman inside. It smashed the windshield but she was unharmed. Fences were blown down like toothpicks and an estimated 50 trees were lost. Across York Road, a tree fell on a house damaging the attic and a bedroom. Rain caused some additional damage inside the home. Another home closer to Monkton had heavy tree damage around it. About 800 homes lost power in the Monkton area.
Anne Arundel County Pasadena	24	1655EST			0	0	50K	0	Lightning
									Lightning struck the roof of a townhouse and set it on fire around 1800 EDT. Only the one unit was damaged. Damage was estimated at \$50,000.
Baltimore County	27	1451EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds blew down a couple trees across a road in the Perry Hall area.
Harford County	27	1500EST 1510EST 1520EST			0	0	5K	0	Thunderstorm Winds
					0	2	0	0	Lightning
					0	0	10K	0	Flash Flood
									Thunderstorm winds knocked down trees in the southern part of the county. Two people were reportedly struck by lightning. Heavy rains from the storms caused some flooded roadways. Two feet of water was on the Pulaski Highway. A car was in the water up to its roof.
Allegheny County	27	1525EST			0	0	0	0	Funnel Cloud
									Pilot reported seeing three funnel clouds 15 miles east of Cumberland.
St Marys County	27	1955EST	0.5	50	0	0	15K	0	Tornado(F0)
									A gustnado apparently touched down briefly near Hollywood. The storm left a damage path about a half mile long and 50 yards wide. About 15 to 20 trees were blown down, and two large trees fell on a deck and swimming pool. Winds were clocked at 60 mph in the area.
MARYLAND, Southern									
MDZ11>12-15-19>24 Caroline, Cecil, Dorchester, Kent, Queen Anne's, Talbot, Wicomico, Worcester Counties									
	14- 16				?	?	?	4.7M	Heat Wave
									Intense heat was responsible for the loss of 3.7 million chickens being raised on the Delmarva Peninsula. Approximately 9 percent of the loss was split between Maryland and Delaware, with the remainder occurring in the Virginia portion of the Delmarva.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MARYLAND, Southern Cont'd									
Somerset County Crisfield	21	1740EST			0	0	0	0	Thunderstorm Winds
		Power lines down.							
Dorchester County Woolford	24	1855EST			0	0	0	0	Lightning
		House set on fire by lightning. No significant damage reported.							
Dorchester County East New Market	24	1905EST			0	0	0	0	Thunderstorm Winds
		Tree down across road.							
MARYLAND, Western									
Garrett County Countywide	15	2100EST			0	0	1K	0	Thunderstorm Winds
		Thunderstorm winds downed numerous branches and a few trees across the county.							
Garrett County New Germany	28	1645EST			0	0	0	0	Flood/Flash Flood
		Butcher Run and Mill Run, in the Savage River State Forest, went over their banks. Some roads near the streams were closed due to flooding.							
DISTRICT OF COLUMBIA									
Washington DC	06	1610EST			0	0	10K	0	Thunderstorm Winds
		Thunderstorm winds knocked down about eight trees and some wires. Three hundred customers were without power in Northwest. Some trees were also reported down in Southeast.							
Washington DC	10	2338EST- 2342EST			0	0	5K	0	Thunderstorm Winds
		Thunderstorm winds knocked down trees near 18th and D streets in Northwest.							
DCZ001	14 16	1200EST- 0300EST			10	?	0	0	Excessive Heat
		A 38-hour period of extremely hot and humid weather in mid-July took its toll on humans and animals alike. The heat was caused by strengthening of the Bermuda high extended from the surface to the upper levels of the atmosphere. The most life-threatening period of the heat wave occurred during the afternoon of the 15th, when temperatures ranged from 96 to 99 but heat indices were between 120 and 125. For the entire period, heat indices were at or above 90 at most locations. On the evening of the 15th, indices exceeded 100 until around 0300, when outflow from a strong thunderstorm cooled and dried the surface, dropping temperatures and heat indices to the upper 70s. During this particular heat wave, ten persons perished, nearly all of them elderly folk ranging in age from the late 60s to the late 90s. Two died directly from hyperthermia, and eight from medical complications exacerbated by the heat. (M83OT, F68PH, F76PH, F69OU, F61PH, M97PH, F86PH, F82PH, F98PH, M51OU)							
DCZ001	21 25	1200EST- 2000EST			4	?	0	0	Excessive Heat
		The heat wave returned twice in late July, from the 21st through the 25th and again from the 29th through the 31st. However, temperatures were not quite as oppressive, ranging from 90 to 97 degrees. Daytime heat indices ranged from 105 to 115, but fell to around 90 each night. Nonetheless, four more individuals perished, one from hyperthermia and the other three from medical complications exacerbated by the heat. (F68OT, M65OU, F73PH, F83PH) Later in July, on the 27th, two children (ages 2 and 4) were found unconscious after being inadvertently locked inside an automobile. Doctors at DC General Hospital were unable to revive the children, whose body temperatures were around 107 degrees.							
MASSACHUSETTS, Central and Eastern									
Hampden County West Springfield	08 08	1325EST- 1330EST			0	0	?	0	Thunderstorm Winds
		Several trees, large limbs, and power lines were reported knocked down.							
Hampshire County Granby	08	1357EST			0	0	?	0	Thunderstorm Winds
		Several trees and wires were reported blown down.							
Hampshire County Hadley, Amherst	10	1655EST			0	0	?	?	Hail (1.75)
Hampshire County Pelham	10	1710EST			0	0	?	0	Hail (0.75)
		Golf ball-size hail was observed in Hadley and Amherst and dime-size hail fell in Pelham.							
Berkshire County Sandisfield	11	0245EST			0	0	?	0	Thunderstorm Winds
		A few trees were reported blown down and power outages occurred.							
Berkshire County Pittsfield	11 11	1612EST- 1630EST			0	0	?	?	Hail (1.75)
MASSACHUSETTS, Central and Eastern Cont'd									
MAZ001 Pittsfield	11 11	1612EST- 1915EST			0	0	0	0	Urban Flood

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Berkshire County									
Lenoxdale	11	1650EST			0	0	?	0	Hail (0.75)
Berkshire County									
Sandisfield	11	1721EST			0	0	?	0	Hail (1.00)
Severe thunderstorms brought large hail and very heavy rain. Nickel to golf ball-size hail lasted almost 20 minutes in Pittsfield and broke car windshields. Urban street flooding in Pittsfield reached a depth of two to three feet in city streets as storm drains backed up. The flooding lasted up to three hours. In Sandisfield, dime to quarter-size hail fell for five minutes.									
Hampshire County									
Huntington	11	1516EST			0	0	0	0	Hail (0.75)
Hampden County									
Tolland	11	1721EST			0	0	?	0	Hail (1.00)
Severe thunderstorms produced large hail.									
MAZ015									
	13	1200EST-			0	0	0	0	Record heat
	15	0700EST			0	0	0	0	Record heat
Record high temperatures affected parts of the state for three days. Boston had a three day heat wave from July 13th through 15th and reached a daily maximum temperature record for July 14th of 100 degrees. This was the first 100-degree reading since July 21, 1977 when the high was 102 degrees. The early morning low temperature on the 15th was 82 degrees.									
Berkshire County									
North Adams									
Williamsburg									
Clarksburg	15	0606EST			0	0	?	0	Thunderstorm Winds
Berkshire County									
Pittsfield	15	0615EST			0	1	?	0	Thunderstorm Winds
Hampshire County									
Plainfield,									
Cummington,									
Worthington,									
Middlefield,									
Huntington	15	0620EST-			0	0	?	0	Thunderstorm Winds
	15	0640EST			0	0	?	0	Thunderstorm Winds
Berkshire County									
Lenoxdale	15	0625EST			0	0	?	0	Thunderstorm Winds
Hampden County									
Agawam,									
Holyoke,									
Springfield	15	0630EST-			0	?	?	?	Thunderstorm Winds (G60)
	15	0640EST			0	?	?	?	Thunderstorm Winds (G60)
Berkshire County									
Great Barrington	15	0635EST			0	0	?	0	Thunderstorm Winds
Berkshire County									
Otis	15	0637EST			1	0	?	?	Thunderstorm Winds (G80)
Berkshire County									
Savoy	15	0640EST			0	0	?	0	Thunderstorm Winds
Franklin County									
Charlemont	15	0640EST			0	1	0	0	Lightning
Franklin County									
Greenfield,									
Colrain,									
Conway	15	0640EST-			0	0	?	0	Thunderstorm Winds
	15	0645EST			0	0	?	0	Thunderstorm Winds
Worcester County									
Fitchburg	15	0640EST			0	0	?	0	Thunderstorm Winds
Worcester County									
Auburn	15	0640EST			0	0	?	0	Thunderstorm Winds
Worcester County									
Worcester									
North Grafton	15	0704EST-			0	0	?	0	Thunderstorm Winds (G51)
	15	0715EST			0	0	?	0	Thunderstorm Winds (G51)
Worcester County									
Shrewsbury	15	0715EST			0	0	?	0	Thunderstorm Winds
Worcester County									
Fitchburg	15	0715EST			0	0	?	?	Thunderstorm Winds (G62)
Worcester County									
Uxbridge,									
Upton,									
Whitinsville	15	0720EST			0	0	?	?	Thunderstorm Winds (G73)
Middlesex County									
Hopkinton	15	0725EST			0	0	?	0	Thunderstorm Winds
MASSACHUSETTS, Central and Eastern Cont'd									
Middlesex County									
Westford	15	0725EST			0	0	?	0	Thunderstorm Winds
Norfolk County									
Milton (Blue Hill)	15	0734EST			0	0	?	0	Thunderstorm Winds (G55)
Bristol County									
Raynham	15	0740EST			0	0	?	0	Thunderstorm Winds
Bristol County									
Fairhaven	15	0800EST			0	0	?	0	Thunderstorm Winds
Dukes County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Menemsha	15	0811EST			0	0	?	0	Thunderstorm Winds (G50)
<p>A fast moving squall line of severe thunderstorms caused numerous reports of damaging winds in the western two-thirds of Massachusetts and more scattered reports of damage farther east. The storms were part of a major mesoscale convective complex (derecho) which had tracked across the Great Lakes region and New York state during the early morning hours. The line of storms entered Berkshire County at about 0700 local time and raced to the southeast portion of the state, including Cape Cod and the islands by around 0930. There was widespread damage to trees and power lines in Berkshire, Franklin, Hampshire, and Hampden Counties. In Berkshire, a woman was injured in Pittsfield when a tree fell on her car. A wind gust of 92 mph was reported from the town of Otis, where a woman was killed by electrocution while standing in wet grass after an electric power line fell and caught fire. A tree fell on a house in North Adams and a wall of a mall was blown out in Lenoxdale. In Franklin, Hampshire, and Hampden Counties, some of the most severe damage occurred in the hill towns or in the higher elevations. Widespread power outages and roads blocked by fallen trees prompted authorities to declare states of emergency in five towns, including Greenfield, Huntington, Ashfeld, Conway, and Middlefield. About 30,000 electric customers lost power and a power company in western Massachusetts reported outages in 57 out of 59 of the towns that they serve. Thousands of people remained without power more than 48 hours after the storms moved through, especially in the rural towns which took the brunt of the high winds. In Holyoke, 50 people were left homeless after winds gusting to 70 mph blew the roof off of their apartment building. Three people were injured in Deerfield after their hot air balloon was caught by the winds and went spinning out of control for five miles before crashing into a tree. In Charlemont, a six-year-old boy was injured by lightning while talking on the telephone during the storm. Falling trees and tree limbs damaged houses, barns, and automobiles throughout the area. Scattered wind damage and power outages occurred in the central and eastern portions of the state. Several thousand power outages were reported from central Massachusetts. A peak gust of 59 mph was recorded at the Worcester Municipal Airport at 0804 local time while a peak gust to 85 mph was reported from Upton, just to the southeast of Worcester. In northern Worcester County, a peak gust to 72 mph was recorded at the Fitchburg Airport. Generally, though, most wind gusts were reported to be in the range of 50 to 65 mph. The Blue Hill Observatory, at an elevation of 635 feet in Milton recorded a peak gust to 63 mph. The intensity of the storms was diminishing upon reaching coastal sections of the state, but even Menemsha on Martha's Vineyard recorded a gust to 58 mph and many tree limbs were reported blown down throughout the greater New Bedford area.</p>									
Franklin County Charlemont	18	1729EST			0	0	0	0	Hail (0.75)
Franklin County Greenfield	18	1745EST			0	0	0	0	Hail (0.75)
Hampshire County Chesterfield	18	1800EST			0	0	0	0	Hail (0.75)
Worcester County Templeton	18	1820EST- 1830EST			0	0	?	0	Thunderstorm Winds
<p>Dime-size hail accompanied severe thunderstorms in several towns in Franklin and Hampshire Counties. As the storms moved east, damaging thunderstorm winds knocked down trees and power lines in parts of northern Worcester County.</p>									
Franklin County Bernardston	26	1405EST			0	0	?	0	Thunderstorm Winds
Hampden County West Springfield	26	1525EST			0	0	?	0	Thunderstorm Winds
<p>Trees and power lines were reported blown down in Bernardston and several trees were reported down on three streets in West Springfield with a small power outage in one section of town.</p>									
Worcester County Upton, Webster	27	2350EST- 28 0100EST			0	0	0.15M	0	Lightning
<p>Lightning struck a home in Upton and started a fire which caused an estimated \$60 thousand damage. The communications tower on the Webster Police-Fire station took a direct hit by lightning, resulting in thousands of dollars damage to a computer and the radio control system. About 6,000 electric customers lost service for several hours after lightning knocked out several substations from Webster to Palmer.</p>									
Bristol County Westport, Dartmouth	28	0145EST			0	0	0.25M	0	Lightning
<p>An intense early morning thunderstorm caused numerous lightning strikes. It took more than 100 firefighters from 9 communities many hours to extinguish a fire started by lightning which destroyed a large barn at a dairy farm in Westport. Fires also were reported in a garage at another Westport home and at a house and garage in the neighboring town of Dartmouth.</p>									
Dukes County Martha's Vineyard	28	0200EST- 28 0330EST			0	0	?	0	Thunderstorm Winds
<p>An intense early morning thunderstorm was accompanied by gusty winds, torrential rain, and half-inch diameter hail. Trees and branches were reported blown down and there were widespread power outages caused by the winds and numerous</p>									
MASSACHUSETTS, Central and Eastern Cont'd									
lightning strikes.									
Worcester County Rochdale	28	1405EST			0	0	?	0	Thunderstorm Winds
Berkshire County Onota Lake	28	1925EST			0	0	?	0	Thunderstorm Winds
<p>Thunderstorm winds gusting to 45 to 50 mph knocked down trees in Rochdale in Worcester County. Marble-size hail also was reported. In Berkshire County, several trees were reported blown down at Onota Lake during an early evening thunderstorm.</p>									
Middlesex County Tyngsboro	29	1340EST			0	0	10.0K	0	Lightning
<p>A bolt of lightning struck the roof of a home, starting a fire which was confined to the roof but also short-circuited much of the wiring within the house.</p>									
Essex County north of Peabody	29	1919EST			0	0	0	0	Funnel Cloud

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
A short-lived funnel cloud was sighted by a private meteorologist.									
MICHIGAN, Central and Western									
Keweenaw County Bumbletown	12	0919EST			0	0	0	0	Thunderstorm Winds
		Winds gust to 63 mph.							
Ontonagon County Ontonagon	13	0850EST			0	0	0	0	Thunderstorm Winds
		Winds blew a dock away.							
Ontonagon County Ontonagon	13	0855EST			0	0	0	0	Thunderstorm Winds
		Trees blown down on cars.							
Ontonagon County Chassell	13	0900EST			0	0	0	0	Thunderstorm Winds
		Trees down with gusts to 70 MPH.							
Ontonagon County Rockland	13	0900EST			0	0	0	0	Thunderstorm Winds
		Many trees down with a funnel sighted.							
Houghton County Houghton	13	0915EST			0	0	0	0	Thunderstorm Winds
		Many trees down along M-38 and M-64 in Ontonagon and Houghton Counties.							
Houghton County Hancock	13	0930EST			0	0	0	0	Thunderstorm Winds
		News stand blown away.							
Ontonagon County Greenland	13	0930EST			0	0	0	0	Thunderstorm Winds
		Numerous trees down.							
Houghton County Toivola	13	0932EST			0	0	0	0	Thunderstorm Winds
		Auto accident as a result of trees down on road.							
Baraga County L'Anse	13	0934EST			0	0	0	0	Thunderstorm Winds
		Trees down with power outages.							
Marquette County Republic	13	1015EST			0	0	0	0	Thunderstorm Winds
		A flagpole was bent when a large potted plant blew away.							
Alger County Munising	13	1057EST			0	0	0	0	Thunderstorm Winds
		Gales with three funnel clouds sighted over Lake Superior.							
Menominee County Foster City	13	1100EST			0	0	0	0	Thunderstorm Winds
		Trees down east of Foster City							
Delta County Maple Hill	13	1110EST			0	0	0	0	Thunderstorm Winds
		Trees down across roads.							
Delta County Gladstone	13	1111EST			0	0	0	0	Thunderstorm Winds
		Winds gust to 58 mph.							
Schoolcraft County Curtis	13	1154EST			0	0	0	0	Thunderstorm Winds
		Winds gust to 67 MPH.							
Houghton County Hancock	14	0919EST			0	0	0	0	Thunderstorm Winds
		Winds damage. 55 mph gust with large tree limbs broken.							
Houghton County Dollar Bay	14	0925EST			0	0	0	0	Thunderstorm Winds
		Winds damage. M-26 closed because of trees down. Power outages							
MICHIGAN, Central and Western Cont'd									
Keweenaw County Bumbletown	14	0935EST			0	0	0	0	Thunderstorm Winds
		Gust to 67 mph.							
Houghton County Lake Linden	14	0939EST			0	0	0	0	Thunderstorm Winds
		Winds damage with trees down along Post Road.							
Menominee County Stephenson	14	1650EST			0	0	0	0	Funnel Cloud
		Funnel spotted NW of town. First reported near Palmer Road (1640 CDT) and last seen over Dagget (1647).							
Gogebic County Watersmeet	14	1845EST			0	0	0	0	Hail (0.75)
Dickinson County Ralph	14	1900EST			0	0	0	0	Thunderstorm Winds
		Trees down.							
Marquette County Gwinn	14	1900EST			0	0	0	0	Thunderstorm Winds
		Trees down. Power out until morning in Little Lake and Shag Lake areas.							
Marquette County Northland	14	1900EST			0	0	0	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Eight inch trees down.
Menominee County Powers	14	1900EST			0	0	0	0	Thunderstorm Winds
									A few trees down over roads. Hail dented a few cars.
Dickinson County Norway	14	1902EST			0	0	0	0	Funnel Clouds
									A wall cloud with several funnels spotted.
Dickinson County Along U.S. 2	14	1902EST			0	0	0	0	Thunderstorm Winds
									Trees down blocking the highway.
Dickinson County Waucedah	14	1915EST			0	0	0	0	Thunderstorm Winds
									Many trees down north of U.S. 2 and along M-69 for 10 miles.
Dickinson County Iron Mountain	14	1917EST			0	0	0	0	Hail (0.75)
Iron County Iron River	14	1930EST			0	0	0	0	Tornado
									Touchdown near the Michigamme Reservoir. Trees 18 inches in diameter were downed.
Iron County Iron River	14	1943EST			0	0	0	0	Thunderstorm Winds
									Trees down.
Dickinson County Foster City	14	1949EST			0	0	0	0	Thunderstorm Winds
									Trees down.
Delta County Rapid River	14	1950EST			0	0	0	0	Thunderstorm Winds
									Trees down and 60 mph wind gusts reported 10 E of Rapid River.
Delta County Rock	14	1950EST			0	0	0	0	Hail (1.75)
									Winds damage to U.P. Fabricating building.
Marquette County Diorite	14	2009EST			0	0	0	0	Thunderstorm Winds
									Trees down.
Luce County McMillan	14	2056EST			0	0	0	0	Thunderstorm Winds
									Winds gusts to over 50 mph.
Dickinson County Foster City	31	1459EST			0	0	0	0	Hail (1.00)
Delta County Rapid River	31	1533EST			0	0	0	0	Hail (1.00 to 1.75)
Menominee County Powers	31	1603EST			0	0	0	0	Thunderstorm Winds
									Branches down on roads.
MICHIGAN, North Central									
Otsego County 8 W Gaylord	13	1430EDT			0	0	3	0	Thunderstorm Winds
									Strong thunderstorm winds knocked down several trees along Elba Road.
1 NW Gaylord	13	1435EDT			0	0	2	0	Thunderstorm Winds
									A 10-inch-diameter poplar tree was uprooted by strong thunderstorm winds.
2 SW Gaylord	13	1437EDT			0	0	3	0	Thunderstorm Winds
									Thunderstorm winds brought down a power line and a five inch diameter tree on Old Elba Road.
Waters	13	1438EDT-			0	0	4	0	Thunderstorm Winds Lightning
	13	1522EDT			0	0	4	0	Numerous trees and power lines were downed from strong thunderstorm winds. There was also a grass fire ignited from a lightning strike just east of Interstate 75 in Waters.
Gaylord	13	1440EDT-			0	0	4	0	Thunderstorm Winds
	13	1442EDT			0	0	4	0	Strong thunderstorm winds damaged a 60' X 60' tent set up for an entertainment event, causing an estimated \$25 thousand to \$30 thousand in damage to light and sound equipment inside the tent. Thunderstorm winds also caused minor damage to the roof of the Community Education Building in Gaylord.
4 S Gaylord	13	1445EDT			0	0	4	0	Thunderstorm Winds
									Thunderstorm winds destroyed a dock and damaged a boat on the northeast corner of Otsego Lake.
5 ENE Vanderbilt	13	1445EDT			0	0	4	0	Thunderstorm Winds
									Numerous trees and power lines were brought down by strong thunderstorm winds around Pickerel Lake.
Johannesburg	13	1452EDT			0	0	3	0	Thunderstorm Winds
									Large tree limbs were knocked down from thunderstorm winds, blocking Douglas Lake Road.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Waters Crawford County 3 W Grayling	13	1613EDT			0	0	0	0	Funnel Cloud
	13	1450EDT			0	0	0	0	Hail (1.75)
Golf ball-size hail was reported along Lake Margrethe.									
4 W Grayling	13	1500EDT			0	0	5	0	Thunderstorm Winds
Numerous trees and power lines were brought down by strong thunderstorm winds, some of which damaged houses and vehicles on the way down.									
Lovells	13	1510EDT			0	0	4	0	Thunderstorm Winds
Numerous trees were downed by strong thunderstorm winds over and around County Route 612.									
10 S Grayling	13	1515EDT			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds knocked down numerous trees and power lines across Beaver Creek Township, blocking a few roadways.									
12 SE Grayling	13	1520EDT			0	0	4	0	Thunderstorm Winds
Numerous trees and power lines were downed from thunderstorm winds along and over Stephan Bridge Road.									
11 SSW Grayling	13	1530EDT			0	0	3	0	Thunderstorm Winds
A spotter on the northwest corner of Higgins Lake reported a wind gust of 62 mph with the passage of an intense gust front. Thunderstorm winds brought down numerous trees and a few power lines in the area.									
Roscommon County 2 NW HTL	13	1508EDT			0	0	0	0	Waterspout
Eyewitnesses reported a waterspout that briefly touched down on the north end of Houghton Lake.									
County-wide	13	1520EDT-1600EDT			2	0	7	0	Thunderstorm Winds
Thunderstorm winds did widespread tree damage across all but extreme southeast Roscommon County, with well over 100,000 trees down. Most of the trees brought down were the largest and healthiest as they had the highest tops and heaviest foliage. Widespread damage to residences, cottages, garages, vehicles was caused by falling trees, while the winds damaged and destroyed docks and boats on the shores of all county lakes. Consumers Power Company estimated over 100 miles of phone and power lines down in the county and electrical service remained out to thousands of homes and cottages for periods ranging from a few days to over a week. Average wind gusts in most areas were estimated in the 65 to 80 mph range which is consistent with the reports from the Lyon Twp supervisor using a calibrated anemometer. Near catastrophic damage was done by unusually intense microbursts in three areas, where wind gusts were estimated in the 85 to 100 mph range: the Flag Point area (worse localized damage) on the east shore of Higgins Lake, Comfort and Detroit Points, on the west shore of Higgins Lake, and the communities of Artesia Beach and St. Helen, along the south and southeast shores of Lake St. Helen. An 11-year old female, accompanied by four other family members, was killed when the pontoon boat she was in flipped while returning to its dock; she became trapped under the craft and rescue efforts were delayed by blocked roads in the area. (F110) A man and wife, riding ORV trails east of the community of St. Helen, were stranded by trees brought down by thunderstorm winds. Subsequently, the man suffered a heart attack. Because of the blocked trails, the wife was forced to walk several miles to a local cottage to obtain assistance. Rescue efforts were hampered by hundreds of downed trees blocking trails, and local									
MICHIGAN, North Central Cont'd									
residents assisted with chain saws to get the EMT vehicle back to the husband, who was dead when they arrived. (M460)									
Clare County Harrison to Meredith	13	1330EDT			0	0	4	0	Thunderstorm Winds
Numerous trees were uprooted or blown down due to high thunderstorm winds from Harrison to Meredith in north central and northeast Clare County.									
SE Clare County	13	1550EDT-1620EDT			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds brought down numerous trees and power lines across the southeast portion of Clare County, causing widespread power outages.									
Ogemaw County County-wide	13	1530EDT-1615EDT			0	0	5	3	Thunderstorm Winds
Hundreds of trees were snapped off or uprooted across the county by thunderstorm winds. Most damage occurred along two lines, one extending from the St. Helen area (in Roscommon County) southeast to near the intersection of M-30 and Greenwood Road, with the second extending from Clear Lake southeast across the county fairgrounds and Lake Ogemaw, nine miles east-southeast of West Branch, toward Skidway Lake. Damage to property was not nearly as extensive nor pronounced. There were a few reports of roof damage due to falling trees. Trees also fell on and damaged a few vehicles, including a sport utility vehicle and tractor seven miles northwest of West Branch. Numerous wheat fields along the primary storm tracks were partially flattened by the strong downburst winds.									
9 E West Branch to 5 NW Prescott	13	1541EDT			0	1	5	0	Tornado (F1)
13	1545EDT	2.5	50	0	1	5	0	Tornado (F1)	
A small tornado, occurring almost simultaneously with damaging thunderstorm straight-line winds, touched down at the Ogemaw County Fairgrounds (nine miles east of West Branch), where several thousand motorcycle enthusiasts were camped for a rally. One man was injured by a falling tree. The tornado, occasionally lifting to the tree top level, continued southeast and dissipated shortly after crossing the southeast shore of Lake Ogemaw. Several hundred trees, many of which up to 30 inches in diameter, were brought down, with secondary damage done to homes, cottages, and vehicles where trees fell on them. Several docks were destroyed and boats damaged around Lake Ogemaw.									
10 SE West Branch	13	1552EDT			0	2	0	0	Thunderstorm Winds
Two canoeists on the Rifle River were injured from falling tree limbs that were torn off from strong thunderstorm winds.									
13 SE West Branch	13	1553EDT			0	0	0	0	Lightning
A dog was killed from a lightning strike in Mills Township.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
6 S West Branch	13	1555EDT	Short	25	0	0	2	0	Tornado (F0)
									A skywarn spotter reported a weak tornado dropping to the treetop level along Cook Road, just north of Greenwood Road. No injuries or significant damage were reported.
6 E West Branch	13	1645EDT			0	0	0	0	Hail (1.75)
									Golf ball-size hail was reported near the intersection of M-33 and M-55.
Gladwin County Skeels to Gladwin	13	1545EDT- 1605EDT			0	0	4	0	Thunderstorm Winds
									Strong thunderstorm winds knocked down numerous trees and power line between Skeels and Gladwin in the northwest and central portion of the county.
Roscommon County St Helen	27	2330EDT			0	0	2	0	Thunderstorm Winds
									Two trees were blown down as a result of strong thunderstorm winds. The trees also brought down power lines on the way to the ground.
MICHIGAN, EASTERN UPPER									
Mackinac County Curtis	13	1156EST			0	0	0	0	Thunderstorm Winds
									Measured wind gust of 67 mph. Numerous trees down in and around Curtis.
Mackinac County Engadine	13	1210EST			0	0	0	0	Thunderstorm Winds
									Numerous trees down.
Mackinac County Epoufette	13	1230EST			0	0	?	0	Thunderstorm Winds
									Estimated winds of greater than 60 mph. Big trees down.
Mackinac County Cut River Bridge	13	1240EST		0	0	?	0	0	Tornado
									Unconfirmed tornado reported by public.
Mackinac County Brevort Lake	13	1300EST			0	0	4	0	Thunderstorm Winds
									Over 100 trees in Brevort Lake Campground fell over tents and campers.
MICHIGAN, Eastern Upper Cont'd									
Mackinac County Mackinac Bridge	13	1320EST			0	0	3	0	Thunderstorm Winds
									Trailer tipped over on bridge by wind.
Chippewa County Whitefish Bay	14	2010EST			0	0	0	0	Thunderstorm Winds
									Vessel reported a measured wind gust of 70 mph.
Chippewa County Sault Ste. Marie	14	2033EST			0	0	0	0	Hail (0.75)
									Large hail reported by NWS office and a storm spotter within city.
Chippewa County Sault Ste. Marie	14	2035EST			0	0	0	0	Hail (1.00)
									Off-duty National Weather Service employee reported large hail at home.
Chippewa County Brimley	14	2035EST			0	0	0	0	Hail (0.75)
									Large hail reported by storm spotter.
Chippewa County Sugar Island	14	2021EST			0	0	?	0	Thunderstorm Winds
									Winds estimated at greater than 58 mph blew over several eight-nine inch diameter trees.
Mackinac County Mackinac Bridge	14	2117EST			0	0	2	0	Thunderstorm Winds Lightning
									Winds gust of 90 mph measured on bridge. Sustained wind of 85-88 mph lasted for about 10 minutes. Lightning damaged the main bridge power generator.
Mackinac County Cedarville	14	2130EST			0	0	3	0	Lightning
									Lightning started a fire and blew a 30 square feet hole in the roof of a house.
MICHIGAN, Northern									
Cheboygan County Mackinaw City	13	1350EDT			0	0	?	?	Thunderstorm Winds (G60)
									Sixty mph gusts at Mackinaw City prompted the closure of the Macinac Bridge. Before all vehicles could be cleared from the bridge, building trusses were blown from a flat bed truck that was on the bridge. On the south side of the bridge in Mackinac City, a travel trailer was blown over.
Montmorency County Lewiston	13	1452EDT			0	0	?	?	Thunderstorm Winds (G50)
									A spotter reported that 50 mph winds blew down numerous nine inch trees.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Montmorency County 1.5W Atlanta	13	1455EDT	0	0	?	?	?	?	Hail (1.00)
A spotter reported one-inch-diameter hail.									
Montmorency County Atlanta	13	1500EDT	0	0	?	?	?	?	Hail (1.00)
A spotter reported hail one-inch-diameter, along with wind gusts to 60 mph which downed power lines. A possible funnel cloud was also reported.									
Montmorency County Lewiston	13	1541EDT			0	0	?	?	Thunderstorm Winds
A spotter reported six to eight inch tree limbs downed by thunderstorm winds.									
Alcona County Black River	13	1545EDT			0	0	?	?	Thunderstorm Winds (G60)
Spotter reported wind gusts to 60 mph, resulting in downed trees and power lines in Black River.									
Iosco County E Tawas	13	1545EDT			0	0	?	?	Thunderstorm Winds
Spotter reported numerous power lines and trees downed by thunderstorm winds.									
Iosco County Lincoln	13	1550EDT			0	0	?	?	Thunderstorm Winds
Spotter reported three to six inch diameter limbs downed by thunderstorm winds.									
Iosco County Oscoda	13	1605EDT			0	0	?	?	Thunderstorm Winds (G50)
Spotters reported two-foot-diameter trees down, in addition to power lines. Some vehicles were damaged by the falling trees.									
Oscoda County Luzerne	13	1635EDT	0	0	?	?	?	?	Thunderstorm Winds
Spotter reported 14 to 15-inch-diameter trees down in addition to power outages.									

MICHIGAN, Northern Cont'd

Alcona County 3 N Oscoda	13	1630EDT	0	0	?				Thunderstorm Winds
A spotter reported trees knocked down over an estimated three block area near Lake Huron. The trees ranged between two and three feet in diameter.									
Arenac County Alger	13	1615EDT	5	0	0	?	?	?	Tornado (F2)
A tornado was reported by a volunteer fireman near Alger. The tornado created a path five miles long near Forest Lake. Hundreds of trees, some several feet in diameter were uprooted. An estimated 40 to 50 homes were damaged along with several vehicles.									
Arenac County Sterling	13	1630EDT			0	?	?	?	Thunderstorm Winds
A spotter reported trees and power lines knocked down over an estimated 40 acres. The trees ranged in diameter from six to eight inches. In addition, some injuries were reported by emergency services directors.									
Alcona County Mikado	14	1735EDT			0	0	?	?	Hail (1.00)
Spotter reported quarter-size hail in Mikado.									
Emmet County Cheboygan County Mackinaw City	14	2214EDT			?	?	?	?	Thunderstorm Winds (G50)
A spotter reported 50 mph winds at the south end of the Mackinac Bridge, with 30 to 50 mph gusts as far south as Petoskey ahead of a bowing line of thunderstorms sweeping in from northern Lake Michigan.									
Cheboygan County Mackinaw City	14	2235EDT			0	0	?	?	Thunderstorm Winds (G67)
A spotter reported 67 mph wind gusts on the Mackinac Bridge.									
Cheboygan County Cheboygan	14	2250EDT			0	0	?	?	Thunderstorm Winds
Spotter reported trees down in the town of Cheboygan.									
Presque Isle County 4 N Rogers City	14	2230EDT			0	0	?	?	Thunderstorm Winds
Spotter reported trees downed by thunderstorm winds.									
Presque Isle County Hawks	14	2330EDT			0	0	?	?	Thunderstorm Winds
Spotter reported trees downed by thunderstorm winds, as well as south of Hawks near the countyline between Alpena County and Presque Isle County.									

MICHIGAN, Western

Ottawa County Holland	04	1345EST			0	0	15K	0	Lightning
Lightning struck a home and ignited an attic fire that also caused smoke damage in other parts of the house.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Kent County Grand Rapids	04	1400EST			0	0	10K	0	Thunderstorm Winds (G52) Trees and power lines down. One tree fell onto a home.
Kent County Grand Rapids	04	1400EST			0	0	1.5K	0	Lightning Lightning struck two neighboring homes causing fire damage.
Muskegon County Muskegon Channel	04	1405EST			0	0	10K	0	Lightning Lightning struck the mast of a 32-foot sail boat in Muskegon Channel, destroying the boat's electronics and severing a fuel line.
Branch County Coldwater	04	1430EST			0	0	10K	0	Thunderstorm Winds (G52) Trees blown down damaging vehicles and residential property.
Eaton County 29 WSW Lansing	04	1505EST			0	0	0	0	Thunderstorm Winds (G52) 60 mph wind with large tree blown down reported by Skywarn spotter.
Ingham County 5 S Lansing	04	1513EST			0	0	0	0	Thunderstorm Winds (G52) 60 mph wind gust estimated by Skywarn Spotter.
Eaton County 3 W Lansing	04	1513EST			0	0	0	0	Thunderstorm Winds (G52) 60 mph wind gust estimated by off-duty NWS personnel.
MICHIGAN, Western Cont'd									
Ingham County 16 S Lansing	04	1530EST	4	1	0	2	10K	0	Tornado (F1) Possible tornado touched down in Aurelius and Onondaga townships along and west of Aurelius Road from Aurelius to Kinneville Road. One to two feet diameter trees down/uprooted along path and damage to at least one automobile and residence and outbuildings was reported. A motor home was overturned at a campground near Leslie causing minor injuries to two adults.
Jackson County Jackson	04	1535EST			0	0	1.0K	0	Thunderstorm Winds (G52) Trees and power lines blown down in city. Over 3,000 customers lost electric power around the county.
Ingham County Mason	04	1535EST			0	0	0	0	Thunderstorm Winds (G52) 60 mph wind gust reported by Skywarn spotter.
Ingham County Mason	05	1510EST			0	0	0	0	Thunderstorm Winds (G52) Wind damage and power outages reported by spotter.
Jackson County Jackson	05	1610EST			0	0	1.0K	0	Thunderstorm Winds (G52) Large tree damage and damage to mobile homes reported by spotter.
Grand Traverse County Acme	13	1312EST			0	0	0	0	Thunderstorm Wind (G52) Trees were downed by the wind in a small area of northeastern Grand Traverse County. The area extended from six miles east of Traverse City to Williamsburg.
Leelanau County Northport- Glen Haven	13	1314EST			0	0	10K	0	Thunderstorm Winds (G52) Trees and power lines were downed along the west shore of the county between Northport and Glen Haven.
Antrim County 3 N Bellaire- 2 SW Alden	13	1325EST			0	0	10K	0	Thunderstorm Winds (G52) Numerous trees and some power lines were downed by the wind between Bellaire and Alden.
Kalkaska County Rapid City Barker Creek	13	1328EST			0	0	25K	0	Thunderstorm Winds (G52)
	13	1328EST			0	0	25K	0	Thunderstorm Winds (G52) Numerous trees and power lines were downed by the wind, blocking many roads and creating power outages that lasted for nearly two days.
Leelanau County Suttons Bay- 2 S Cedar	13	1342EST			0	0	10K	0	Thunderstorm Winds (G52) Trees and power lines were downed along a path from two miles south of Cedar, through Fouch and Bingham, to Suttons Bay.
Kalkaska County 4 NNE Kalkaska- South Boardman	13	1346EST			0	0	25K	0	Thunderstorm Winds (G52) Numerous trees were downed and power outages occurred along U.S. 131, from four miles north of Kalkaska to South Boardman.
Antrim County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Mancelona	13	1347EST			0	0	5K	0	Thunderstorm Winds (G52)
									Many trees and a few power lines were downed in an area between Alba and Antrim.
Kalkaska County	13	1355EST			1	0	0	0	Lightning
Spencer	13	1404EST			0	0	5K	0	Thunderstorm Winds
5 NE Sigma	13	1404EST			0	0	5K	0	Thunderstorm Winds
4 S Sharon									Lightning struck a tree which fell and killed a 68-year-old man near East Lake at Spencer. Numerous trees and power lines were downed by the wind creating power outages that lasted over two days.
Wexford County	13	1405EST			0	0	0	0	Funnel Cloud
Manton									A funnel cloud was sighted over Manton. No evidence of a touchdown was able to be confirmed.
Missaukee County	13	1410EST			0	0	0	0	Thunderstorm Winds (G50)
6 NW Lake City									A few trees and large limbs were blown down along M42 northwest of Lake City.
Wexford County	13	1415EST			0	0	2K	0	Thunderstorm Winds (G52)
Cadillac									Several large trees and some power lines were reported blown down by the wind in and around the Cadillac area.
MICHIGAN, Western Cont'd									
Missaukee County	13	1438EST			0	0	0	0	Thunderstorm Winds (G50)
2 SE Merritt									Power lines were downed by the wind.
Osceola County	13	1446EST			0	0	0	0	Thunderstorm Winds (G50)
7 WNW Marion									Several large trees were blown down in a small area along M115 northwest of Marion.
Isabella County	13	1540EST			0	0	0	0	Thunderstorm Winds (G50)
Blanchard									Wind damage to trees.
Isabella County	13	1609EST			0	0	5K	0	Thunderstorm Winds (G60)
Coe/Chippewa Twp									Numerous reports of tree damage and powerlines downed by straight line winds. One home had windows blown out. Reported by Isabella County Dispatch.
Grafton County	13	1615EST			0	0	0	0	Hail (0.75)
Alma/ Breckenridge Grafton County Northern half	13	1620EST			0	0	10K	0	Thunderstorm Winds (G52)
									Numerous reports of tree damage and powerlines downed by straight line winds including the towns of Alma, Ashley Breckenridge, Ithaca, and St. Louis.
Clinton County	13	1705EST			0	0	0	0	Thunderstorm Winds (G50)
Bath									Trees damaged.
MIZ57-64-72	13				17	0	0	0	Extreme Heat
West Central	17								A four day period of extreme heat and humidity resulted in at least 19 deaths attributed to hyperthermia, 12 in Kent County, five in Allegan County, and two in Kalamazoo county. Most victims were elderly, but the range in age was from 40 to 85.
Oceana County	15	1400EST			0	0	15K	0	Thunderstorm Winds (G60)
Walkerville									Thunderstorm winds uprooted large trees and severely damaged at least two unoccupied mobile homes.
Newaygo County	15	1409EST			0	0	1K	0	Thunderstorm Winds (G52)
7 W Bitely	15	1425EST			0	0	0	0	Hail (0.88)
Bitely	15	1505EST			0	0	1K	0	Thunderstorm Winds (G52)
9 ESE Bitely									Numerous trees and some power lines were reported downed across the northern tier of the county. Nickel-size hail was sighted in Bitely and Lilley.
Mecosta County	15	1505EST			0	0	0	0	Thunderstorm Winds (G52)
Altona	15	1550EST			0	0	4K	0	Thunderstorm Winds (G62)
8 S Remus									Numerous trees were reported down across the extreme southern area of the county. Power poles were snapped off along One Mile Road in the southeast corner of the county.
Clinton County	15	1412EST			0	0	0	0	Hail (1.75)
Maple Rapids									Golf ball-size hail covering ground.
Clinton County	15	1500EST			0	0	0	0	Thunderstorm Winds (G52)
St. Johns									Trees and power lines downed by straight line winds.
Montcalm County	15	1529EST			0	0	0	0	Hail (0.75)
Six Lakes	15	1535EST			0	0	0.1M	0	Thunderstorm Winds (G62)
Montcalm County Amble									About 100 trees of 18 to 24 inch diameter were blown over, houses and vehicles were damaged. One barn was destroyed.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Ingham County Holt	15	1605EST			0	0	0	0	Hail (0.88) Nickel to quarter-size hail.
Montcalm County 2 W Lakeview	15	1606EST			0	0	0	0	Hail (0.75)
Ingham County Williamston	15	1757EST			0	0	0	0	Hail (1.75) Golf ball-size hail covering the ground.
Ionia County Portland	15	1800EST			0	0	.15M	0	Thunderstorm Winds (G62) Hundreds of trees were blown down resulting in 24-hour power outages and damage to houses and garages. A grain bin and two pole barns were blown down east of the city.
MICHIGAN, Western Cont'd									
Jackson County Jackson	16	1630EST			0	0	2K	0	Thunderstorm Winds (G52) Trees and power lines blown down in the city. Several cars damaged at a dealership, after one waflipped over from being pulled by the footings of a 20-foot promotional balloon that was caught in the wind and torn from its anchors.
Kent County Grand Rapids	26	1810EST			0	0	0	0	Thunderstorm Winds (G50) Spotters reported large tree limbs down and street flooding in southeast Grand Rapids.
Oceana New Era	27	2245EST			0	1	0	0	Lightning Lightningstruck outside the window where a 16-year-old boy was standing. The shock threw him across the room, and he was left with a welt across his chest.
Benzie County Frankfort	31	2005EST			0	0	0	0	Funnel Clouds
5 N Frankfort	31	2020EST			0	0	1K	0	Thunderstorm Winds (G50) Four funnel clouds were sighted by a Coast Guard Vessel, over water, along the shoreline between Frankfort and the Point Betsie Lighthouse. Trees and power lines were reported downed by the wind along two miles of M22 east of the Point Betsie Lighthouse.
Leelanau County Glen Arbor	31	2036EST			0	0	2K	0	Thunderstorm Winds (G50)
1 N Empire	31	2036EST			0	0	2K	0	Thunderstorm Winds (G50) Large tree limbs and power lines were downed by the wind at both locations.
MICHIGAN, Eastern									
Livingston County Howell to	04	1540EST			0	1	15K	0	Thunderstorm Winds
Pinckney									
Shiawassee County Owosso	04	1545EST			0	0	0	0	Thunderstorm Winds
Washtenaw County 3 NW Dexter	04	1610EST			0	0	0	0	Thunderstorm Winds
Genesee County Flushing	04	1620EST			0	0	5K	0	Thunderstorm Winds
Oakland County Holly	04	1620EST			0	0	0	0	Thunderstorm Winds A line of severe thunderstorms developed along a warm front and tracked east across southern Michigan during the afternoon on the 4th. Numerous occurrences of downed powerlines and trees were reported. One man was injured when he was struck by lightning in the Brighton State Park Recreation area.
Lenawee County Adrian	09	2010EST			0	0	0	0	Thunderstorm Winds Several trees were blown over.
Midland Hope/Eatonville Bay	13	1514EST			0	0	0	0	Thunderstorm Winds (G50)
Countywide	13	1535EST			0	0	300K	0	Thunderstorm Winds
Huron County Countywide	13	1545EST			1	0	300K	0	Thunderstorm Winds (G68)
Tuscola County Caro	13	1550EST			0	0	5K	0	Thunderstorm Winds
Saginaw County Countywide	13	1600EST			0	0	300K	0	Thunderstorm Winds
Genesee County Clio	13	1608EST			0	0	0	0	Thunderstorm Winds (G52)
Saginaw County Zilwaukee	13	1615EST			0	0	5K	0	Thunderstorm Winds
Sanilac County Marlette	13	1615EST			0	0	0	0	Thunderstorm Winds (G58)
Sanilac County Countywide	13	1620EST			0	0	300K	0	Thunderstorm Winds (G58)
Lapeer County Columbia	13	1620EST			0	0	0	0	Thunderstorm Winds
Genesee County 10 NE Flint	13	1628EST			0	0	10K	0	Thunderstorm Winds
Shiawassee County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Countywide	13	1630EST			0	0	200K	0	Thunderstorm Winds
Saint Clair County	13	1640EST			0	0	5K	0	Thunderstorm Winds
Yale	13	1705EST			0	0	0	0	Thunderstorm Winds
Oakland County	13	1705EST			0	0	0	0	Thunderstorm Winds
Pontiac Airport	13	1705EST			0	0	0	0	Thunderstorm Winds
Macomb County	13	1705EST			0	0	0	0	Thunderstorm Winds
Harrison	13	1705EST			0	0	0	0	Thunderstorm Winds
MICHIGAN, Eastern Cont'd									
Oakland County									
Oxford/Lake	13	1710EST			0	0	0	0	Thunderstorm Winds (G52)
Orion/Davisburg	13	1720EST			0	0	5K	0	Thunderstorm Winds
Livingston County	13	1730EST			0	0	5K	0	Thunderstorm Winds
Howell to Pickney	13	1730EST			0	0	5K	0	Thunderstorm Winds
Oakland County	13	1750EST			0	0	200K	0	Thunderstorm Winds
Farmington Hills	13	1750EST			0	0	200K	0	Thunderstorm Winds
Washtenaw	13	1750EST			0	0	200K	0	Thunderstorm Winds
Countywide	13	1750EST			0	0	200K	0	Thunderstorm Winds
Wayne County									
5 NW of Detroit	13	1755EST			0	0	0	0	Thunderstorm Winds (G58)
to Wyandotte	13	1810EST			0	0	5K	0	Thunderstorm Winds
Lenawee County	13	1810EST			0	0	5K	0	Thunderstorm Winds
Sand Creek	13	1820EST			0	0	200K	0	Thunderstorm Winds
Monroe	13	1820EST			0	0	200K	0	Thunderstorm Winds
Countywide	13	1820EST			0	0	200K	0	Thunderstorm Winds
<p>A powerful line of thunderstorms swept across southeast Michigan from northwest to southeast late in the afternoon on the 13th. An 18-year-old man was killed near Harbor Beach in Huron County when a barn that he was working in collapsed. A 50-year-old man suffered a broken leg when a tree limb fell on him near Crosswell, in Sanilac County. The strong winds produced widespread power outages. Detroit Edison reported that 410,000 customers lost power in southeast Michigan due to the storm, which was the highest total for any storm since July, 1991. In addition, the winds produced widespread damage to trees and man-made structures. A State Farm Insurance Agent estimated that total damage claims of over \$2 million would be filed. AAA Michigan expected to receive claims from homeowners of over \$3 million. The United States Coast Guard received dozens of distress calls as the storms moved across lakes Huron, Saint Clair and Erie, but no injuries or deaths were reported. (M18BU).</p>									
All of Southeast Michigan	13								
	15				2	0	0	0	Extreme Heat
<p>A very intense summer heat wave affected southeast Michigan from the 13th through the 15th. The hottest day was the 14th, when the high temperature reached 100 at Detroit's Metro Airport and 101 at Bishop Airport in Flint. The heat was accompanied by incredibly high humidity, with dew points near 80 degrees during the afternoon on the 14th. To make matters worse, much of the area was without air conditioning, since severe thunderstorms on the 13th resulted in widespread power outages. Detroit Receiving Hospital and Detroit's Henry Ford Hospital each reported one death blamed on heat-related illness. (??O) (??O).</p>									
Oakland County	15	1358EST			0	0	0	0	Hail (1.75)
White Lake	15	1358EST			0	0	0	0	Hail (1.75)
A ham radio operator reported golf ball-size hail.									
Oakland County	15	1420EST			0	0	0	0	Hail (1.75)
Highland to White Lake	15	1420EST			0	0	0	0	Hail (1.75)
National Weather Service employees reported one and one-quarter and One and three-quarters diameter hail as a severe thunderstorm moved through the area.									
Genesee County	15	1432EST			0	0	0	0	Hail (0.75)
1 N of Lennon	15	1445EST			0	0	0	0	Thunderstorm Winds
Fenton	15	1445EST			0	0	0	0	Thunderstorm Winds
A large tree was blown over.									
Fenton County	15	1458EST			0	0	0	0	Thunderstorm Winds (G52)
Shiawassee County	15	1503EST			0	0	0	0	Hail (0.75)
Owosso	15	1503EST			0	0	0	0	Hail (0.75)
Oakland County	15	1512EST			0	0	0	0	Thunderstorm Winds (G52)
Holly	15	1512EST			0	0	0	0	Thunderstorm Winds (G52)
A ham radio operator reported 60 mph winds and pea-size hail.									
Holly	15	1524EST			0	0	0	0	Thunderstorm Winds
A large tree was blown over.									
Wayne County	15	1525EST			0	0	0	0	Hail (0.75)
Hamtramck	15	1525EST			0	0	0	0	Hail (0.75)
A ham radio operator reported three-quarters inch hail.									
Oakland County	15	1525EST			0	0	0	0	Thunderstorm Winds (G50)
White Lake	15	1525EST			0	0	0	0	Thunderstorm Winds (G50)
A National Weather Service employee reported 50 knot winds and large branches blown down.									
Wayne County	15	1528EST			0	0	0	0	Hail (1.75)
Detroit	15	1528EST			0	0	0	0	Hail (1.75)
A ham radio operator reported golf ball-size hail.									
Oakland County	15	1540EST			0	0	0	0	Thunderstorm Winds
4 S of Holly	15	1540EST			0	0	0	0	Thunderstorm Winds
Several trees were blown down.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MICHIGAN, Eastern Cont'd									
Monroe County 2 W of Temperance	15	1600EST			0	0	0	0	Thunderstorm Winds
			Several large tree branches blown down.						
Wayne County Wayne	15	1611EST			0	0	0	0	Hail (1.75)
Lenawee County Onsted	15	1655EST			0	0	0	0	Hail (1.00)
			A ham radio operator reported that one-inch diameter hail fell for 15 minutes.						
Blissfield	15	1700EST			0	0	15K	0	Lightning
			Lightning started a fire that severely burned a two car garage and destroyed the car that was parked inside.						
Adrian	15	1711EST			0	0	0	0	Hail (0.75)
Lenawee- Monroe	15	1750EST- 15 2000EST	0	0	0	0	0	0	Flash Flood
			Thunderstorms produced heavy rainfall of around three inches in an hour and five inches in two hours. Some roads and major intersection were flooded for a time along with farm fields. No injuries or major damage reported.						
Oakland County WSFO White Lake	16	1605EST			0	0	0	0	Thunderstorm Winds (G52)
Drayton Plains	16	1625EST			0	0	0	0	Flood
			A ham radio operator reported severe flooding and a car washed off of the road at the intersection of Dixie Highway and Hatchery Road.						
Livingston County Fowlerville	16	1703EST			0	0	0	0	Hail (1.00)
Oakland County Royal Oak	16	1712EST			0	0	0	0	Hail (0.75)
Washtenaw County Ann Arbor	16	1720EST			0	0	0	0	Thunderstorm Winds (G55)
Oakland County Rochester	16	1721EST			0	0	0	0	Hail (0.75) Thunderstorm Winds (G55)
Washtenaw County Ann Arbor Airport	16	1727EST			0	0	0	0	Thunderstorm Winds (G50)
			A wind gust of 50 knots was reported at the airport.						
Washtenaw County Saline	16	1736EST			0	0	0	0	Thunderstorm Winds (G52)
Macomb County Warren	16	1750EST			0	0	0	0	Hail (0.75)
Wayne County Westland to 5 SW of Detroit	16	1800EST			0	0	0	0	Thunderstorm Winds (G56)
Macomb County	16	2240EST- 17 1115EST	0	0	0	0	0	0	River Flood
			Heavy rains caused the Clinton River near Frasier to rise rapidly. The Clinton River crested 2.8 ft above flood stage. Only damage was backup of sewers in basements along the Red Run Drain.						
Wayne County	16	1910EST- 17 1118EST	0	0	0	0	0	0	River Flood
			Heavy rainfall of around two inches in two hours caused the Middle Rouge River near Garden City to crest near flood stage. At that stage, only Edward Hines Drive is closed to traffic.						
Monroe County Maybee	24	2200EST			0	0	20K	0	Thunderstorm Winds
			Several trees were blown down by thunderstorm winds. A pickup truck was crushed by a fallen tree, a barn was damaged, and a roof was blown off of a patio.						
MINNESOTA, Northeastern									
Carlton County Moose Lake	10	2329CST			0	0	2K	0	Thunderstorm Winds
Pine County Willow River	10	2345CST			0	0	?	0	Thunderstorm Winds
Sturgeon Lake	10	2345CST			0	0	?	0	Thunderstorm Winds
			Strong thunderstorm winds blew down many large trees and power lines across Carlton and Pine Counties. Two trees fell on a mobile home in Moose Lake.						
Cass County Backus Pine River Walker	12	0425CST			0	0	?	0	Thunderstorm Winds

MINNESOTA, Northeastern Cont'd

Many trees were blown down.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Crow Wing County Cross Lake Brainerd Baxter	12	0430CST			0	0	5K	0	Thunderstorm Winds (G60) Numerous trees were blown down across the county. A sailboat on Gull Lake was flipped over by the winds, along with pontoons at other resorts. Store signs in Brainerd were torn off and blown two blocks. Winds in Cross Lake were measured at 60 knots (69 mph). Trees in Baxter were blown down on cars.
Itasca County Bovey	12	0435CST			0	0	0	0	Hail (0.75)
Cass County Hackensack	12	0435CST			0	0	0	0	Thunderstorm Winds (G52) Several large trees and limbs were blown down.
Itasca County Squaw Lake	12	0458CST			0	0	?	0	Thunderstorm Winds Many power lines were blown down.
Aitkin County Aitkin	12	0510CST			0	0	?	0	Thunderstorm Winds Many trees were blown down.
St. Louis County Central Lakes	12	0555CST	.2	20	0	0	2K	0	Tornado (F0) The tornado touched down in a back yard, lifted over a house, and touched down again in the front yard. Ten trees were uprooted, and window screens were blown in. A vehicle was also damaged by flying debris.
Carlton County Carlton	12	0600CST			0	0	?	0	Thunderstorm Winds Many trees were blown down, including a large tree that blocked a highway.
Lake County Two Harbors	12	0600CST			0	0	0	0	Thunderstorm Winds A few trees were blown down on the north side of town.
St. Louis County Fayal	12	0619CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
Duluth	12	0630CST			0	0	?	0	Thunderstorm Winds Many trees were blown down across the southern third of the county. A large complex of severe thunderstorms developed over the western Dakotas during the evening of July 11 and moved into northeast Minnesota by early morning on July 12. This was primarily a wind event, but one large hail report was received, and one small tornado briefly touched down, doing minimal damage. Thunderstorm wind gusts to 60 kts (69 mph) were recorded. The strong winds caused considerable tree damage, as well as extensive power outages due to trees falling on power lines. Crow Wing Cooperative Power and Light County reported about 3,700 people without power Wednesday morning, 2,500 in Longville and the Woman Lake area (Cass County) due to a substation down. Minnesota Power and Light had thousands of customers without power, most in Nisswa (Crow Wing County), Park Rapids (Hubbard County), and Walker (Cass County).
Cass County Backus 10 N Pine River	13	0350CST			0	0	0	0	Thunderstorm Winds (G61) Thunderstorm winds to 61 kts (70 mph) were reported at Backus, and several trees were blown down 10 miles north of Pine River.
Crow Wing County Brainerd	13	0410CST			0	0	0	0	Thunderstorm Winds (G65)
Itasca County Squaw Lake	13	0418CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
St. Louis County Pike Lake	13	0447CST			0	0	0	0	Thunderstorm Winds
Aitkin County Hill City	13	0450CST			0	0	0	0	Thunderstorm Winds Several trees were blown down, blocking highway 169.
Itasca County Deer River	13	0510CST			0	0	20K	0	Thunderstorm Winds Thunderstorm winds took off roofs, blew out windows, and pushed a truck down the street.
St. Louis County Hibbing	13	0510CST			0	0	0	0	Thunderstorm Winds (G58)
5 S Eveleth	13	0515CST			0	0	6K	0	Thunderstorm Winds (G70) Thunderstorm winds from 61 to 70 kts (70-80 mph) tipped over boats and caused power outages.
MINNESOTA, Northeastern Cont'd									
Virginia	13	0515CST			0	0	0	0	Thunderstorm Winds (G56)
Mt. Iron	13	0517CST			0	0	.5K	0	Thunderstorm Winds Thunderstorm winds toppled a 25-foot amateur radio antenna.
Buhl	13	0520CST			0	0	10K	0	Thunderstorm Winds Several large trees were blown down. One car was crushed.
Itasca County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Grand Rapids	13	0523CST			0	0	0	0	Thunderstorm Winds (G64)
									Thunderstorm winds reaching 64 kts (74 mph) toppled many trees.
St. Louis County Duluth	13	0530CST			0	0	0	0	Thunderstorm Winds
									Many trees (some a foot in diameter) were blown down near Pike Lake and in several locations in the Duluth metro area.
Itasca County Deer River	13	0530CST			0	0	15K	0	Thunderstorm Winds
									Signs and trees were blown down, windows were blown out, and a car overturned by very strong thunderstorm winds.
St. Louis County Duluth	13	0536CST			0	0	0	0	Thunderstorm Winds (G63)
									Thunderstorm winds were measured at 63 kts (72 mph) at the Aerial Lift Bridge near the Duluth harbor, and 56 kts (64 mph) at Duluth International Airport.
Itasca County 6 NE Grand Rapids	13	0600CST			0	0	1K	0	Thunderstorm Winds
									Strong thunderstorm winds destroyed a metal shed and blew down four-inch tree limbs.
Carlton County Kettle River	13	0600CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down.
Pine County Sturgeon Lake	13	0600CST			0	0	0	0	Thunderstorm Winds
									Several large trees were knocked over by strong thunderstorm winds.
St. Louis County Virginia	13	0630CST			0	0	0	0	Thunderstorm Winds
									Streets in a four-block area were blocked by fallen trees.
Lake County Newfound Lake	13	0700CST			1	1	0	0	Lightning
									A 55-year-old man was killed instantly by lightning on Horseshoe Island on Newfound Lake in the Boundary Waters Canoe Area Wilderness in Northern Lake County (about 90 miles northeast of Duluth). Another man, age 43, was seriously injured. The men were Boy Scout leaders and were tying a protective tarp to a tree when lightning struck the tree.
Two Harbors	13	0705CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down. For the second morning in a row, a large complex of severe thunderstorms formed over the western Dakotas in the evening and moved into northeast Minnesota early the following morning. Again, this was primarily a wind event, with no reports of large hail or tornadoes. One man was killed when lightning struck the tree he was standing under. Thunderstorm wind gusts as high as 70 kts (80 mph) were observed as the squall line moved through the region. Many trees and power lines were blown down, causing extensive and widespread power and cable TV outages. Wind damage to boats, vehicles, buildings, and antennas also occurred, either directly or by falling trees. The hardest hit area extended from around Brainerd in Crow Wing County to near Grand Rapids in Itasca County, then northeast across the Iron Range of central St. Louis County, including the cities of Hibbing, Virginia, and Aurora. In some communities, trucks with plows were needed to clear roads made impassable by fallen trees. Thousands of electric customers were without power for at least 24 hours following the storm. The general manager for the Hibbing Public Utilities said it was the worst windstorm in at least 10 years. Other damage in Hibbing included construction signs and portable toilets that were tipped over. A fabric storage building was lifted by the wind, and an awning was ripped off the Pella Windows store. Trees touching power lines caused a few small fires. Other nearby communities suffering large numbers of downed trees and power outages were Kelly Lake, Chisholm, Nashauk, Keewatin, and Leetonia. In Grand Rapids, power to half the city was out for hours and hundreds of power lines were down. Highway 169 south of the city was completely blocked by fallen trees. In Virginia, the Boyer True Value Hardware and Lumber store lost the roof from one of its buildings.
Cass County Lakeshore	14	0350CST			0	0	0	0	Thunderstorm Winds
									Several large trees were blown down.
Crow Wing County Brainerd	14	0350CST			0	0	0	0	Hail (0.75)
Brainerd	14	0400CST			0	0	0	0	Thunderstorm Winds
Pequot Lakes	14	0415CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down in Brainerd and Pequot Lakes.
St. Louis County 2 NW Floodwood	14	0500CST			0	0	30k	0	Thunderstorm Winds
									Numerous large trees were uprooted and blown on to houses and garages. A mobile home was overturned, and the roof was blown off a barn. For the third morning in a row, a large complex of severe thunderstorms formed over the western Dakotas in the evening and moved into northeast Minnesota early the following morning. This time, the path of the squall line was

MINNESOTA, Northeastern Cont'd

a little farther south than the previous day. Brainerd received three-quarters inch diameter hail, otherwise, damaging winds were again the primary feature of this system. Some structural damage occurred due either directly to the wind or to falling trees. The Minnesota Department of Natural Resources estimated nearly 200,000 acres of timber were destroyed by the storms of July 13 and 14. The estimate was based partly on aerial photography. The area of downed trees extended from west of Itasca State Park in Clearwater County, through Hubbard, Cass, and Itasca Counties, across the south half of St. Louis County. The DNR estimated that 6.5 million trees more than 35 feet high were tipped over, broken off, or knocked flat. The value of the timber lost or damaged was estimated at \$22.5 million.

Pine County Hinckley	21	1830CST			0	0	0	0	Thunderstorm Winds (G52)
Beroun	21	1903CST			0	0	0	0	Hail (1.75)
St. Louis County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
New Duluth	24	1550CST			0	0	3K	0	Thunderstorm Winds
Strong thunderstorm winds knocked down trees and destroyed a camper trailer. Patio furniture was thrown around.									
MINNESOTA, Central and South Central									
Kandiyohi County 1 SE New London	03	1600CST			0	0	?	?	Hail (1.50)
Eight mile hail swath from just southeast of New London to the county line northeast of Hawick. Hail produced extensive crop damage.									
Stearns County 3 W Paynesville	03	1600CST			0	0	?	?	Hail (1.25), Heavy Rain
One and one-quarter-inch hail swath occurred from three miles west of Paynesville to one mile west of Paynesville. Five and one-half inches of rain reported with the storm.									
Kandiyohi County 2 S Willmar	03	1630CST			0	0	?	?	Hail (1.00)
Ground was white with an average of 40 hailstones per square foot. Extensive crop damage.									
Morrison County 4 N Little Falls	03	1730CST			0	0	?	0	Thunderstorm Winds
Trees down from thunderstorm winds.									
4 N Little Falls	03	1749CST			0	0	?	?	Hail (1.00)
Meeker County 6 W Eden Valley	03	1800CST			0	0	?	0	Thunderstorm Winds
Trees down on south side of Lake Koronis.									
Swift County 2 W Appleton	03	1845CST			0	0	?	?	Hail (1.75)
One and three-quarters inch hail swath occurred from two miles west of Appleton to four miles north of Appleton resulting in extensive crop damage. Hail occurred for 30 minutes.									
MN2054>056 E Lac Qui Parle, S Swift, NW Chippewa Counties	03-10	1730CST-0700CST			0	0	?	?	Flash Flood
Extreme rainfall between five and 15 inches resulted in severe property and crop damage. Numerous fields and roads were washed out. Hay bales were floating in fields. Thirty two head of sheep drowned near the town of Milan. A Milan observer reported 9.78 inches of rain in a 24 hour period. Crop damage in Swift County affected 180,000 acres. 55,000 acres were a total loss. Damage was reported to 38 of the 42 township roads in Big Bend township of northern Chippewa County. The Chippewa River at Milan rose nine feet on July 3rd and 4th and crested at 13.48 feet at 0100 on July 6th. This was the second highest crest ever of the Chippewa River at Milan. The river flooding subsided by July 10th.									
Swift County 8 SW Danvers	03	2000CST			0	0	?	?	Hail (1.00)
Stevens County 3 S Morris	04	1450CST			0	0	0	0	Funnel Clouds
Roseau County 5 W Swift	05	1905CST			0	0	0	?	Thunderstorm Winds
Tree Damage.									
Kittson County 1 NW Hallock	09	1802CST-1823CST	10	70	0	8	3M	?	Tornado (F1)
Several funnel clouds were sighted in the same area, northwest of Hallock. After several brief touchdowns, one tornado remained on the ground one mile northwest of Hallock and traveled south to southeast to three miles east of the town of Kennedy. The tornado collapsed the roof of the grandstands at the Kittson County Fairgrounds, where 800 people had been several minutes earlier. Many homes and businesses were damaged or destroyed in Hallock. Path length, width and property damage were estimated.									
MINNESOTA, Central and South Central Cont'd									
Roseau County Warroad	09	1820CST			0	0	?	?	Thunderstorm Winds
Tree damage. Damage to railroad crossing arms.									
5 S Warroad	09	1840CST		Short Narrow	0	0	0	?	Tornado (F0)
Tornado touched down in open farmland and moved southwest. No structural damage reported.									
MN2046>098 South and Portions of Central	10-14	1300CST-1900CST			2	?	2M	?	Heat Wave
Sweltering heat and humidity climaxed on July 12 and July 13. Dewpoints in the 70s to around 80 degrees combined with temperatures in the middle 90s to low 100s to produce heat indices in the 105 to 120 degree range. Two died from a combination of heat exhaustion and dehydration, exacerbated by excessive drinking. 275,000 turkeys also perished. M57PH, M46PH									
MN2003-016-017-022>024-027>031-039 Portions of									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
West Central/ Northwest	12	0220CST			0	0	?	?	Thunderstorm Winds (G70)
					Numerous tree damage. Strong winds also damaged boats and boat docks. Roof torn off home in Rothsay in northeast Wilkin County. Cattle barn also destroyed in area.				
Morrison County Pierz	12	0400CST			0	0	?	0	Thunderstorm Winds
					Trees and power lines down.				
MNZ003-017-022> 024-027>032-042 Portions of West Central/ Central	13	0205CST			0	6	15M	16M	Thunderstorm Wind (G80)
					Trees up to four and one-half feet in diameter were blown down in Clay and Becker Counties. Numerous roofs blown off houses in the town of Hawley in Clay County. Tree damage was extensive at the Hawley golf course. Five boy scouts camping in tents and cabins at Many Point Lake Scout Camp near Ponsford were injured by falling trees. Two barns were destroyed at a chicken farm near Lake Park. Some homes were without electricity for up to a week. Over one thousand trees blown down at Itasca State Park in southern Clearwater County. One camper injured when a tree fell on her tent. Large trees down in Clarissa, Eagle Bend and Browerville areas of Todd County. The Minnesota Department of Natural Resources (DNR) estimated nearly 129,000 total acres of timber were destroyed by the storms of July 12-14. This estimate was based partly on aerial photography. The area of downed trees extended primarily across southern Clearwater, southeast Mahanomen, northwest Hubbard and northern Becker Counties. The DNR estimated that 5.2 million trees were blown down, tipped over or broken off. The appraised value of the timber lost or damaged was estimated at \$15.5 million. This amount of timber would have been worth about a third of a billion dollars after having been cut, milled, sold and made into finished products. Only about half of the timber damaged was expected to be salvaged.				
St. Louis County Ely	13	0615CST			0	0	0	?	Thunderstorm Wind (G52)
Douglas County Alexandria	14	0240CST			0	0	?	0	Thunderstorm Wind (G56)
					Numerous trees down. House damaged by tree.				
Carlos	14	0300CST			0	0	?	0	Hail (0.75)
Todd County 3 S Long Prairie	14	0310CST	SHRT	Narrow	0	0	0	0	Tornado (F0)
Morrison County 7 NW Fort Ripley	14	0330CST-			0	0	?	?	Thunderstorm Winds
					Numerous trees down with structural damage in Lake Shamineau, Lake Alexander and Camp Ripley areas.				
Nicollet County North Mankato	14	1630CST			0	0	?	?	Hail (1.50)
Waseca County Waseca and Waldorf	14	1655CST			0	0	?	?	Thunderstorm Winds (G52)
Dakota County Eagan	14	1803CST			0	0	0	0	Hail (1.00)
Ramsey County New Brighton	14	1815CST			0	0	?	0	Hail (1.50)
Washington County 5 SE Hugo	14	1820CST			0	0	?	?	Thunderstorm Wind
					Many trees down in a one mile swath. Roof blown off two barns on County Road 10. Strong winds affected much of Washington County.				
Ramsey County White Bear Lake	14	1835CST			0	0	0	0	Funnel Clouds
MINNESOTA, Central and South Central Cont'd									
Anoka County Blaine	14	1835CST			0	0	0	0	Funnel Clouds
Washington County Stillwater	14	1900CST			0	0	?	0	Thunderstorm Winds
					Large tree limbs down.				
Waseca County Janesville	14	1905CST			0	0	?	?	Thunderstorm Winds (G61)
Redwood County Walnut Grove	14	1905CST			0	0	0	0	FUNNEL CLOUDS
Hennepin County Plymouth	14	2132CST			0	0	?	0	Thunderstorm Winds
					Trees were damaged.				
Hopkins	14	2135CST			0	0	?	0	Thunderstorm Winds
					Trees were damaged.				
Hopkins	15	1310CST			0	0	0	0	Funnel Clouds
Minneapolis	15	1345CST			0	0	0	0	Funnel Clouds
Ramsey County Gem Lake	15	1345CST			0	0	?	0	Thunderstorm Winds
					Large tree branches and power lines down.				
Dakota County 4 NE Farmington	15	1530CST			0	0	0	0	Funnel Clouds
Redwood County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
6 NE Walnut Grove	19	1530CST			0	0	0	0	Funnel Clouds
Springfield	19	1535CST			0	0	0	0	Funnel Clouds
Walnut Grove	19	1545CST			0	0	0	?	Hail (1.75)
			15,000 acres of crops destroyed.						
Morrison County Camp Ripley	21	1623CST			0	0	0	?	Hail (0.75)
Stearns County 3 NW St. Stephens	21	1640CST			0	0	0	?	Hail (1.00)
Benton County Rice	21	1655CST			0	0	0	?	Hail (1.75)
Wright County 2 NE Howard Lake	21	1731CST	2	100	0	0	?	?	Tornado (F1)
			This affected mainly open country. On ground for six to 12 minutes. Metal shed destroyed. The width was estimated. Lifted off ground one mile northwest of Waverly.						
Renville County 1 NW Stewart	21	1750CST	Short	Narrow	0	0	0	0	Tornado (F0)
			A tornado touched down in extreme eastern Renville County, then proceeded into western McLeod County. Tornado remained in open county and on ground for 10 minutes.						
Wright County Rockford	21	1755CST- 1805CST			0	0	0	?	Hail (1.75)
Mille Lacs County Long Siding	21	1804CST	10	100	0	0	?	?	Tornado (F2)
			A tornado was on ground for 15 minutes. Numerous homes and barns destroyed. Headstones moved in Sharon Cemetary. This was an estimated width.						
Hennepin County Plymouth	21	1834CST	Short	Narrow	0	0	0	0	Tornado (F0)
Corcoran	21	1835CST	.5	100	0	0	?	?	Tornado (F1)
			Barn and garage destroyed. Garage roof found one-quarter mile away. Shown live on local television.						
McLeod County Sumter	21	1840CST			0	0	?	?	Hail (1.00)
Sibley County New Auburn	21	1845CST			0	0	?	?	Hail (1.75)
1 NE Gaylord	21	1850CST	Short	Narrow	0	0	0	0	Tornado (F0)
3 NE Gaylord	21	1857CST- 1900CST	Short	Narrow	0	0	?	?	Tornado (F0)
			Tree damage at farmstead.						
Isanti County 1 W Cambridge	21	1858CST	8	200	0	3	1.5M	?	Tornado (F1)
			Tornado touched down one mile west of Cambridge and moved east through western and southern Cambridge. Lifted off ground 16 minutes later, about seven miles east of Cambridge. Twenty homes, two apartment buildings, a senior citizen center, a hospital and a water treatment plant were damaged or destroyed. Heaviest property damage in Carraige Hills Drive Housing Development. Agricultural damage to 500 acres. There were three minor injuries.						
Scott County 5 SE Belle Plaine	21	1900CST			0	0	?	?	Hail (1.00)
MINNESOTA, Central and South Central Cont'd									
Isanti County 1 W Spring Lake	21	1900CST	6	300	0	0	?	?	Tornado (F1)
			The tornado was on ground for 20 minutes from one mile west of Spring Lake to two miles east of North Branch in Chisago County. Ham radio tower toppled. Sheds destroyed and roof damage.						
Sibley County 4 W Arlington	21	1903CST- 1905CST	1.5	100	0	0	?	?	Tornado (F1)
			Small shed destroyed and numerous trees down. This was an estimated width.						
Anoka County Columbia Heights	21	1910CST			0	0	?	?	Hail (0.75)
Chisago County 4 N Center City	21	1910CST			0	0	?	?	Thunderstorm Winds
			A few windows were damaged.						
Isanti County 1 W Pine Brook	21	1910CST	Short	Narrow	0	0	?	?	Tornado (F0)
Ramsey County St. Paul	21	1915CST			0	0	0	0	Funnel Clouds
Sibley County 4 SE Arlington	21	1921CST	Short	Narrow	0	0	0	0	Tornado (F0)
			Touched down in field.						
Sherburne County Big Lake	21	1942CST			0	0	0	0	Funnel Clouds
Isanti County Blomford	21	1950CST	13	220	0	0	?	?	Tornado (F1)
			The tornado was on the ground from Blomford to Stacy. The tornado struck Stacy at 2005 CST. Trees down and significant crop damage on the southeast side of Stacy. This was an estimated width.						
Scott County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
New Prague	21	2000CST			0	0	?	?	Hail (1.00)
1 SW Lydia	21	2040CST	Short	Narrow	0	0	?	?	Tornado (F1)
Isanti County 3 NE East Bethel	21	2045CST			0	0	?	?	Hail (1.75)
Hennepin County Robbinsdale	21	2104CST			0	0	?	?	Hail (1.00)
Le Sueur County 5 SW Cleveland	21	2230CST			0	0	?	?	Thunderstorm Winds
			South end of roof peeled off of a two-year-old log home.						
Blue Earth County Rapidan	23	1737CST			0	0	0	0	Funnel Cloud
1 W Pemberton	23	1850CST			0	0	0	0	Funnel Clouds
Blue Earth County 2 E Mankato	24	1750CST			0	0	?	0	Thunderstorm Winds
			Radio station reported trees down.						
Waseca County Smiths Mill	24	1800CST			0	0	?	?	Thunderstorm Wind (G50)
Le Sueur County 1 S Montgomery	25	1700CST			0	0	?	?	Thunderstorm Winds
			Large number of mature trees snapped and uprooted. Farm buildings and severe crop damage reported six miles southeast of Montgomery.						
Redwood County Revere	27	0700CST			0	0	150K	?	Thunderstorm Winds
			A large grain bin and garage were destroyed. There was tree damage also reported in Lamberton.						
Brown County Springfield	27	0734CST			0	0	?	?	Hail (0.75)
Watsonwan County St. James	27	0757CST			0	0	?	?	Hail (0.75)
Brown County 10 W Haska	27	0800CST	1	50	0	0	5K	?	Tornado (F1)
			Garage and three sheds destroyed. House shifted off foundation.						
New Ulm	27	0835CST			0	0	?	?	Thunderstorm Winds (G52)
Blue Earth County Lake Crystal	27	0850CST			0	0	?	0	Thunderstorm Winds
			Large tree limb brought down by strong wind.						
Blue Earth County 1 S Sterling Center	27	0925CST			0	0	?	?	Thunderstorm Winds
			Two large trees blown down.						
Waseca County Waldorf	27	0930CST			0	0	?	?	Thunderstorm Winds (G70)
MINNESOTA, Central and South Central Cont'd									
Waldorf	27	0939CST			0	0	?	?	Thunderstorm Winds (G82)
Faribault County 5 E Easton	27	0950CST			0	0	?	?	Hail (0.75)
Waseca County Otisco	27	0958CST			0	0	?	?	Thunderstorm Winds (G52)
			Trees down just to south of Otisco toward New Richland.						
Steele County 2 W Hope	27	1000CST			0	0	?	?	Thunderstorm Winds
			A grain bin was blown 80 feet. Several sheds destroyed.						
Mower County Adams	27	1050CST- 1105CST	3.5	40	0	0	?	5M	Tornado (F2)
			A tornado touched down in Adams and moved northeast touching down several times. Several buildings were damaged or destroyed. Many trees uprooted. A church in Adams lost its steeple and bell tower.						
5 S Adams	27	1110CST			0	0	0	0	Hail (0.75)
Grand Meadow	27	1133CST			0	0	0	0	Thunderstorm Wind (G52)
Fillmore County Harmony	27	1200CST			0	0	?	0	Thunderstorm Winds (G61)
			Fourteen-foot speed boat thrown into field. Numerous large trees down.						
Lenora	27	1205CST			0	0	?	0	Thunderstorm Winds (G61)
			Roof damage to county maintenance shop. Numerous large trees down.						
MINNESOTA, Southwest									
Rock County Beaver Creek	14	1745CST			0	0	0	0	Hail (0.75)
Cottonwood County Windom	14	1830CST			0	0	2K	0	Thunderstorm Winds (G52)
			Thunderstorm Winds blew down four to five inch diameter tree limbs.						
Nobles County 2 N Leota	19	1428CST			0	0	0	0	Hail (0.75)
Worthington	19	1530CST			0	0	0.3M	?	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Thunderstorm winds of unknown speed caused widespread tree damage, blew down a 50 thousand bushel steel grain bin destroyed a barn and a hog building, and blew over two tractor-semitrailers. The winds also caused undetermined crop damage.									
Nobles County St. Killian	19	1430CST			0	0	0	?	Hail (0.88)
Pipestone County Edgerton	19	1500CST			0	0	0	?	Hail
Hail of unknown size caused undetermined crop damage. Heavy rain and winds which were strong but not otherwise damaging contributed to the crop damage, which was not major according to the county extension office.									
Nobles County 5 E Worthington	19	1530CST			0	0	?	0.5M	Hail (0.75)
Hail caused considerable crop damage with about 10,000 acres of corn and soybeans affected.									
Cottonwood, Murray Counties 4 S Walnut Grove	19	1556CST			0	0	?	?	Hail (1.75)
Hail falling in an area eight miles long and three miles wide caused extensive but undetermined crop damage.									
Jackson County Jackson	19	1615CST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down several trees including one, two and one-half feet in diameter.									
Jackson County Jackson	19	1620CST			0	0	?	3M	Hail (0.75)
Hail wiped out over 640 acres of corn and beans in southwest Jackson County.									
Jackson County Okabena, Lakefield	21	2030CST-			0	0	0	0.5M	Hail (1.00)
	21	2045CST			0	0	0	0.5M	Hail (1.00)
Hail caused moderate to heavy crop damage in small areas.									
Rock County 6 S Luverne	25	1515CST			0	0	0	0	Tornado (F0)
Law enforcement reported a brief tornado touchdown near Interstate 90 south of Luverne.									
Rock County Hardwick	25	1525CST			0	0	5K	0	Thunderstorm Winds
Thunderstorm Winds of unknown speed blew down trees.									
Rock County 3 W Hills	25	1525CST			0	0	0	0	Hail (1.00)
MINNESOTA, Southwest Cont'd									
1 1/2 N Luverne	25	1545CST			0	0	8K	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down a large tree onto a truck.									
Rock County 5 N Beaver Creek	25	1545CST			0	0	0	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down trees.									
Cottonwood County 8 W Windom	25	1645CST			0	0	0	0	Hail (0.75)
Cottonwood Lake	25	1645CST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down trees.									
Jackson County 1 W/5 S Jackson	25	1700CST-			0	0	?	?	Hail (1.75)
	25	1710CST			0	0	?	?	Hail (1.75)
Hail caused undetermined crop damage.									
Lincoln County Tyler	27	0600CST-			0	0	?	?	Hail
	27	0645CST			0	0	?	?	Hail
Hail of unknown size fell for 45 minutes and flattened crops north of Tyler near the east end of Lake Benton. Damage was undetermined due to unknown recovery of crops and because of concurrent damage due to strong thunderstorm Winds.									
Lincoln, Lyon Counties Tyler, Russell, Balaton, Garvin, Tracy	27	0630CST-			0	0	1M	?	Thunderstorm Winds
	27	0720CST			0	0	1M	?	Thunderstorm Winds
Thunderstorm winds of unknown speed blew down a radio tower and power lines, caused widespread tree damage, blew the roof off of a home and caused other building damage. The winds combined with heavy rain to flatten corn and soybean crops. The damage occurred over a roughly 10 by 20 mile area. Crop damage was undetermined because some crops were expected to recover and the extent of recovery would not be known until after harvest. However, the damage was known to be major, and the Farm Service Agency director estimated that 99,000 acres in the county were at least somewhat affected by the winds and accompanying hail and heavy rain.									
Cottonwood County Storden, Jeffers, Mountain Lake	27	0735CST-			0	0	?	?	Thunderstorm Winds
	27	0820CST			0	0	?	?	Thunderstorm Winds
Thunderstorm winds of unknown speed caused widespread tree damage and undetermined crop damage.									

MISSISSIPPI, Northern

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Itawamba County Fulton	03	1455CST			0	0	0.1K	0	Hail (0.75)
Tishomingo County Iuka	03	1515CST			0	0	1K	0	Thunderstorm Winds A large oak tree was knocked down.
Itawamba County Fulton	03	1555CST			0	0	5K	0	Thunderstorm Winds Several trees were blown down. One tree fell on a house and another tree fell on some power lines.
Lee County Baldwyn	03	1716CST			0	0	0.1K	0	Hail (0.75)
Union County Beacon Hill	04	1430CST			0	0	2K	0	Thunderstorm Winds A large white pine tree was knocked down.
Tippah County Ripley	04	1530CST			0	0	5K	0	Thunderstorm Winds A few roofs were slightly damaged. Several trees were knocked down.
Coahoma County Clarksdale	04	1700CST			0	0	5K	0	Thunderstorm Winds A large oak tree limb was knocked down and fell on top of a car.
Lee County Baldwyn	08	0905CST			0	0	1.0K	0	Thunderstorm Winds (G50) A few trees were knocked down.
Marshall County 2 W Victoria	09	0035CST			0	0	1K	0	Thunderstorm Winds A large tree was blown down.
Tippah County Tiptersville	09	1430CST			0	0	2K	0	Thunderstorm Winds A few power lines were knocked down.
MISSISSIPPI, Northern Cont'd									
Lee County Cedar Hill	09	1555CST			0	0	1K	0	Thunderstorm Winds A large tree was blown down.
Lee County Plantersville	09	1617CST			0	0	5K	0	Hail (1.75)
DeSoto County 5 SW Hernando	09	1624CST			0	0	0.1K	0	Hail (0.75)
Monroe County Hamilton	09	1655CST			0	0	1K	0	Thunderstorm Winds Some power lines were knocked down.
Lowndes County Columbus	09	1740CST			0	0	1K	0	Hail (1.00)
Lowndes County Columbus	09	1800CST			0	0	.01M	0	Thunderstorm Winds Numerous trees, some as large as two feet in diameter, along with some power lines were blown down.
Lowndes County 5 E Columbus	09	1810CST			0	0	1K	0	Hail (1.00)
Yalobusha County Coffeerville	13	1515CST			0	0	.01M	0	Lightning One bull along with seven cows and a horse were killed by lightning. Several trees were knocked down as well.
Alcorn County 5 W Corinth	13	1735CST			0	0	0.2K	0	Hail (0.88)
Alcorn County Corinth	13	1745CST			0	0	2K	0	Thunderstorm Winds Several tree limbs and power lines were blown down.
Monroe County Hamilton	13	1930CST			0	0	.05M	0	Thunderstorm Winds A convenience store lost its roof. The local high school and several homes were damaged as well. Many trees and several power lines were knocked down.
Monroe County Smithville	13	2000CST			0	0	5K	0	Thunderstorm Winds A roof was blown off of a store. Several trees and power lines were blown down as well.
Tishomingo County Iuka	15	0700CST- 0730CST			0	0	.06M	0	Lightning Lightning strikes started two fires which destroyed a house and damaged a barn.
Tunica County Tunica	25	1650CST			0	0	5K	0	Thunderstorm Winds A large tree along with numerous power lines were blown down.
Marshall County Holly Springs	25	1750CST			0	0	2K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
A few trees were knocked down.									
Monroe County Amory	26	1210CST			0	0	2K	0	Thunderstorm Winds
					Several large tree limbs were blown down on top of some power lines.				
Monroe County Hamilton	26	1225CST			0	0	5K	0	Hail (1.75)
DeSoto County Hernando	27	1900CST			1	0	0	0	Heat
					A man died from a heat-related heart attack. M74O				
Lee County Tupelo	28	1405CST			0	0	1K	0	Hail (1.00)
Lowndes County Columbus	28	1435CST			0	0	0.1K	0	Thunderstorm Winds (G51)
					Gusts of 58 mph were measured at the Columbus Air Force Base.				
Yalobusha County Water Valley	28	1550CST			0	0	2K	0	Thunderstorm Winds
					Some power lines were knocked down.				
Panola County Batesville	28	1635CST			0	0	5K	0	Thunderstorm Winds
Sardis					Some vinyl siding was blown off of a house just east of Sardis. A tree was blown down two miles south of Sardis.				
MISSISSIPPI, Central									
Jasper County Paulding	03	1150CST			0	0	0	0	Hail (0.88)
Neshoba County Philadelphia	03	1445CST			0	0	0	0	Hail (0.75)
Yazoo County Yazoo City	03	1505CST			0	0	0	0	Hail (0.75)
Lauderdale County 8 NW Meridian	04	1345CST			0	0	5K	0	Thunderstorm Winds
					The roof of a barn was torn off.				
Yazoo County 5 SW Ebenezer	04	1845CST	1.0	30	0	0	0	0	Tornado (F0)
					This weak tornado was spotted by a local spotter. The tornado moved across an open field and did no damage.				
Neshoba County 8 SW Philadelphia	05	1425CST			0	0	2K	0	Thunderstorm Winds
Neshoba County 10 E Philadelphia	05	1615CST			0	0	5K	0	Thunderstorm Winds
					Minor damage was done to a house and a large oak tree was blown down.				
Jasper County 4 S Bay Springs	08	1520CST			0	0	0	0	Hail (0.75)
Clarke County Shubuta	09	1450CST			0	0	0	0	Hail (0.75)
Marion County Columbia	09	1626CST			0	0	0	0	Hail (1.75)
Lauderdale County Meridian	09	1628CST			0	0	0	0	Hail (1.00)
					One inch hail covered the ground in the northeast corner of Meridian.				
Kemper County DeKalb	09	1655CST			0	0	0	0	Hail (0.75)
Kemper County 7 SE DeKalb	09	1845CST			0	0	2K	0	Thunderstorm Winds
					Several trees were blown down.				
Lauderdale County Lauderdale	09	2010CST			0	0	2K	0	Thunderstorm Winds
					Several trees were blown down.				
Madison County Madison	10	1110CST			0	0	2K	0	Thunderstorm Winds
					Several trees were blown down.				
Simpson County Magee	12	1825CST			0	0	0	0	Hail (1.75)
Forrest County 14 S Hattiesburg	13	1545CST			0	0	3K	0	Thunderstorm Winds
					Several trees and power lines were blown down.				
Hinds County Jackson	13	1830CST			0	0	0	0	Hail (1.75)
					Golf ball-size hail fell in the southwest corner of Jackson.				
Hinds County Jackson	13	1850CST			0	0	2K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
			Several trees were blown down in north Jackson.						
Hinds County Jackson	13	1930CST			0	0	2K	0	Thunderstorm Winds (G53)
			Several trees were blown down in northern Hinds County just north of Jackson.						
Lauderdale County 2 S Toomshuba	17	1840CST			0	0	2K	0	Thunderstorm Winds Hail (0.75)
			Ten trees were blown down along Interstate 20.						
Lamar County Purvis	18	1540CST			0	0	0	0	Hail (1.50)
Scott County 5 SE Forest	21	1440CST			0	0	2K	0	Thunderstorm Winds Hail (0.75)
			Several trees were blown down.						
Lauderdale County Meridian	25	2010CST			0	0	0	0	Hail (0.75)
Oktibbeha County Starkville	26	1115CST			0	0	2K	0	Thunderstorm Winds (G52)
			Several trees were blown down on the Mississippi State University Campus.						
Jasper County Bay Springs	26	1130CST			0	0	2K	0	Thunderstorm Winds
MISSISSIPPI, Central Cont'd									
			Several trees were blown down.						
Noxubee County Macon	26	1225CST			0	0	0	0	Hail (1.00)
Clarke County Carmichael	26	1320CST			0	0	3K	0	Thunderstorm Winds
			Several trees were blown down.						
Winston County 5 NE Louisville	26	1435CST			0	0	2K	0	Thunderstorm Winds Hail (0.75)
			Several trees and power lines were blown down.						
Noxubee County Lynn Creek	26	1520CST			0	0	3K	0	Thunderstorm Winds Hail (0.75)
			Several trees and power lines were blown down.						
Kemper County Oak Grove	26	1700CST			0	0	1K	0	Thunderstorm Winds
			Several trees were blown down.						
Lauderdale County 2 S Meridian	26	1710CST			0	0	3K	0	Thunderstorm Winds Hail (0.75)
			Several trees and power lines were blown down.						
Jasper County 1 E Bay Springs	26	1745CST			0	0	10K	0	Thunderstorm Winds Hail (0.88)
			Thirty trees were blown down.						
Jasper County Rose Hill	26	1855CST			0	0	2K	0	Thunderstorm Winds
			Several trees were blown down..						
Jones County 5 NW Eastabuchie	26	1855CST			0	0	0	0	Thunderstorm Winds (G52)
			A 60 mph wind were recorded at the Pine Belt Regional Airport.						
Lamar County Purvis	26	1915CST			0	0	2K	0	Thunderstorm Winds
			Several trees were blown down.						
Jones County Eastabuchie	26	1925CST			0	0	3K	0	Thunderstorm Winds
			Several trees and power lines were blown down.						
Forrest County Hattiesburg	26	1950CST			0	0	0	0	Hail (0.75)
	26	1950CST			0	0	2K	0	Thunderstorm Winds (G52)
Hinds County Jackson	27	1445CST			0	0	2K	0	Thunderstorm Winds (G43)
			A sign was blown down and two houses had minor roof damage.						
Webster County Mathison	28	1315CST			0	0	0	0	Hail (0.75)
Sunflower County Inverness	28	1430CST			0	0	0	0	Hail (0.75)
Winston County Noxapater	28	1506CST			0	0	0	0	Hail (1.00)
Leake County 8 W Carthage	28	1510CST			0	0	2K	0	Thunderstorm Winds
Newton County Union	28	1620CST			0	0	2K	0	Thunderstorm Winds
			Several trees were blown down.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Rankin County Piney Woods	28	1620CST			0	0	0	0	Hail (0.88) Nickel-size hail covered the ground.
Rankin County Pelahatchie	28	1625CST			0	0	0	0	Hail (0.75)
Smith County Polkville	28	1635CST			0	0	0	0	Hail (0.75)
Scott County 3 SW Pulaski	28	1645CST			0	0	2K	0	Thunderstorm Winds Several trees and power lines were blown down.
Simpson County Mendenhall	28	1650CST			0	0	0	0	Hail (0.75)
Rankin County 5 N Puckett	28	1658CST			0	0	0	0	Hail (0.88)
MISSISSIPPI, Central Cont'd									
Lawrence County 4 W Monticello	28	1840CST			0	0	2K	0	Thunderstorm Winds Several trees were blown down..
Lincoln County Ruth	28	1840CST			0	0	2K	0	Thunderstorm Winds Several trees were blown down.
Washington County Arcola	28	1845CST			0	0	2K	0	Thunderstorm Winds A few trees and several large tree limbs were blown down.
Warren County Eagle Lake	28	1900CST			0	0	100K	0	Thunderstorm Winds Four mobile homes were destroyed.
MISSISSIPPI, Southeast									
Greene County Knobtown	08	1535CST			0	0	1.0k	0	Thunderstorm Winds Several trees and power lines were blown down.
George County	08	1615CST			0	0	2K	0	Thunderstorm Winds Trees and power lines were blown down throughout the county. The wind damage was not concentrated at any one location but was scattered throughout the county.
George County Lucedale	09	1405CST			0	0	1.5K	0	Thunderstorm Winds Several trees were blown down near Lucedale. A couple of the trees blew down on homes, causing minor damage to the residences.
Wayne County Buckatunna	12	1815CST			0	0	1K	0	Thunderstorm Winds Several trees were blown down.
MISSISSIPPI, Southern									
Jackson County Hurley	02	1500CST			0	0	0	0	Hail (1.00)
Harrison County Biloxi	02	1500CST- 2100CST			0	0	0	0	Urban Flood Heavy rainfall of four to five inches during the afternoon and evening caused flooding of streets and roadways. A few houses in poorly drained areas were also flooded.
Harrison County 12 N Gulfport	09	1450CST			0	0	2K	0	Thunderstorm Winds
Biloxi	09	1505CST			0	0	5K	0	Thunderstorm Winds
1 W D'Iberville	09	1515CST			0	0	0	0	Hail (0.75) Severe thunderstorm wind gusts stripped siding off a house in north Harrison County, caused wind damage to a mobile home in Biloxi, and hail was reported at D'Iberville.
Jackson County Van Cleave	09	1515CST			0	0	0	0	Hail (0.75)
Van Cleave	09	1455CST			0	0	0	0	Funnel Cloud. Penny-size hail along with a funnel cloud was reported in the Van Cleave area.
Hancock County 3 N Pearlinton	09	1555CST			0	0	0	0	Hail (1.75)
3 E Waveland	09	1700CST			0	0	0	0	Hail (0.75) Hail, up to the size of golf balls was reported in several locations in southern Hancock County.
Amite County 7 SE Liberty	14	1200CST			1	2	0	0	Lightning Lightning struck and killed a 10-year-old boy as he and his family members prepared to return home from a fishing and camping outing. The 10-year-old boy was holding a two-year-old girl when the lightning struck. The two-year-old girl was injured along

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									with an adult nearby. M100.
Jackson County Moss Point	15	1300CST-			0	0	0	0	Heavy Rain
	15	1330CST							Wet pavement caused by a thunderstorm which produced heavy rainfall contributed to an automobile accident involving 8 automobiles on Interstate Highway 10 near Moss Point. Five persons died from injuries caused by the accident and 23 were injured.
Pike County 1 E McComb	27	1510CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down.
Coastal Mississippi MSZ080>082	29	1200CST-			0	0	0	0	Coastal Flood
	31	0800CST							The combination of strong high pressure over the eastern United States and a tropical depression over the northwest Gulf of Mexico produced strong east and southeast winds across coastal Mississippi producing above normal tides. The above normal tides caused minor flooding of coastal roads. No significant damage to structures was reported.
MISSOURI, Eastern									
Knox County Edina	04	0525CST			0	0	0	0	Thunderstorm Winds (G52)
									A cooperative weather observer reported wind gusts to 60 mph.
Scotland County Memphis	04	0542CST-			0	0	.9K	0	Flash Flood
		0945CST							Flash flooding was reported in Memphis and various county roads around the city.
Clark County 2 N Luray	04	0800CST-			0	0	.3K	0	Flash Flood
		1000CST							Water flooded County Roads D and K in the Luray area.
Jefferson County 2 S Otto	04	1412CST			0	0	.3K	0	Thunderstorm Winds
									County officials reported power lines and poles down along Highway 21.
St. Louis City	04	1500CST			0	0	1.4K	0	Thunderstorm Winds
									Billboard signs and power lines were blown down on the south side of the city.
Monroe and Shelby County 2 SW Duncans Bridge to 3W Shelbyville	04	1805CST-			0	0	4.5K	2.5K	Tornado (F1)
		1842CST	160	24					This is a continuation of the tornado that tracked through Moberly, MO. It continued its northeast movement and entered western Monroe County southwest of Duncans Bridge around 1805 CST. Several farm buildings were damaged in this area, including a barn, grain bin, machine shed, and power lines. The tornado crossed into southern Shelby County about 8 miles south of Clarence at 1812 CST and crossed Highway 36 around 1827 CST. Along County Road K west of Shelbyville, several trees and power lines were knocked over or snapped off. The tornado lifted over open ground to the west of Shelbyville around 1842 CST. It continued to produce funnel clouds into neighboring counties and debris was carried some 100 to 150 miles northeast. There were no known injuries.
Lewis County Steffenville	04	1905CST			0	0	0	0	Funnel Cloud
Lewistown	04	1915CST			0	0	0	0	Funnel Cloud
									The county sheriff, storm spotters, and the general public reported several funnel clouds. These funnels were likely the decaying stages of the earlier tornado that tracked from Moberly, MO into neighboring Shelby County several minutes earlier.
Clark County Alexandria	04	2009CST			0	0	0	0	Thunderstorm Winds (G52)
									Wind gusts as high as 60 mph were reported by the county sheriff.
Gasconade County 2 S Hermann and Owensville	05	2330CST-			0	0	.2K	0	Flash Flood
	06	0230CST							Nearly three inches of rain fell across north and eastern parts of the county flash flooding several county roads.
Franklin County Gerald	05	2340CST-			0	0	.2K	0	Flash Flood
	06	0230CST							Heavy rains flash flooded area creeks and county roads in the Gerald area.
Cole County Jefferson City	07	2355CST			0	0	1.2K	0	Thunderstorm Winds
									Strong wind gusts damaged power lines, utility poles, and trees around the city.
Callaway County Kingdom City	08	0002CST			0	0	1.2K	0	Thunderstorm Winds
									Several highway signs and large trees were blown down south of Interstate 70.
Dent County 2 W Bunkner	08	0310CST			0	0	.2K	0	Thunderstorm Winds
									The county sheriff's department reported large trees down.
Reynolds County 1 E Bunkowner	08	0312CST			0	0	.3K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

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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Several large trees were blown just east of Bunkner.

Boone County	08	1605CST			0	0	0	0	
8 SE Harrisburg	08	1610CST			0	0	0	0	Thunderstorm Winds (G61)
1 W Columbia	08	1610CST			0	0	0	0	Thunderstorm Winds (G61)
1 W Columbia	08	1610CST			0	0	0	0	Hail (0.75)

MISSOURI, Eastern Cont'd

County officials reported wind gusts as high as 70 mph between Harrisburg and Columbia but no damage to trees. Wind gusts were also reported as high as 70 mph just west of Columbia along with dime-size hail by SKYWARN spotters.

Boone County	08	1615CST	.2	80	0	0	0	0	Tornado (F0)
3 N Columbia									Ham radio spotters reported a brief touchdown.

Moniteau County	08	1615CST			0	0	.2K	0	Thunderstorm Winds
Jamestown	08	1620CST			0	0	0	0	Thunderstorm Winds (G52)
McGirk									Power lines and poles were blown down in the Jamestown area. Wind gusts as high as 60 mph were reported several minutes later in McGirk.

Cole County	08	1620CST			0	0	0	0	Thunderstorm Winds (G52)
Centertown									Wind gusts to 60 mph were reported.

Boone County	08	1620CST			0	0	1.4K	0	Thunderstorm Winds
Columbia	08	1630CST			0	0	1.5K	0	Thunderstorm Winds
Ashland									Siding was blown off a home in Columbia with numerous large trees down across west and southern sections of the city. In the Ashland area, a roof of a small shed was blown off and several large trees were blown down.

Callaway County	08	1650CST			0	0	0	0	Thunderstorm Winds (G52)
Holts Summit	08	1650CST			0	0	2.2K	0	Thunderstorm Winds
Fulton									A house roof in Fulton was slightly damaged from high winds. Wind gusts in the Holts Summit area reached 60 mph.

Callaway County	08	1650CST	.2	80	0	0	0	0	Tornado (F0)
1 E Fulton									A brief touchdown was reported just east of Fulton.

Cole County	08	1650CST			0	0	.4K	0	Thunderstorm Winds
Jefferson City	08	1653CST			0	0	0	0	Hail (0.75)
Jefferson City	08	1653CST			0	0	0	0	Thunderstorm Winds (G52)
Jefferson City									Large trees and power lines were blown down across the city. Wind gusts were reported as high as 60 mph along with dime-size hail. The damaging wind lasted for nearly 10 minutes.

Crawford County	08	1800CST			0	0	.2K	0	Thunderstorm Winds
Cuba	08	1810CST			0	0	3.4K	0	Thunderstorm Winds
Steeleville									Power lines and poles were blown down in the Cuba area. Several minutes later the county sheriff's department reported several large trees and power lines down in Steeleville. One roof was also heavily damaged.

Washington County	08	1835CST			0	0	.3K	0	Thunderstorm Winds
1 S Potosi									Large trees and power lines were blown down just south of Potosi.

Iron County	08	1845CST			0	0	.2K	0	Thunderstorm Winds
2 SW Iron Mountain									Several large trees were blown down near Iron Mountain Lake.

St. Francois County	08	1845CST			0	0	.2K	0	Thunderstorm Winds
Iron Mountain Lake									Large trees were blown over or snapped near Iron Mountain Lake.

Madison County	08	1910CST			0	0	.3K	0	Thunderstorm Winds
Fredericktown									Large trees and power lines were blown down.

Reynolds County	08	1945CST			0	0	0	0	Hail (0.75)
Ellington									

MOZ009-010-018-019-026-027-034>036-041-042-047>052-059>065-071>076-083>085-099	11	1200CST-			20	225	75K	.4M	Heat
Central, Northeast, and East Central Missouri	17	1200CST							A very hot and humid airmass settled into the region on the 11th with nearly a week of high temperatures close to 100 degrees and heat indices approaching 120 at times. Lambert Field in St. Louis hit 100 degrees on the 12th, 101 on the 13th, and 99 on the 13th. A large majority of the heat-related deaths were in the St. Louis metro area with most victims elderly and living alone. Many were on upper floors when they died. Well over 200 people were treated for heat related illnesses as well. Outside of the St. Louis area, a 66-year-old man in Osage County died in his house when his air conditioner failed. A 76-year-old woman in Clark County also died when she turned off her air conditioner to save money. Two other Clark County residents also died when the temperature in their mobile home reached 120 degrees.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Eastern Cont'd									
Many roads throughout the region also buckled from the extreme heat and crops withered with the dry weather. There was no widespread loss of livestock although dairy cows produced less milk, and cattle/swine/chickens put on less weight. M65PH F89PH, F77PH, M38PH, M89PH, M84PH, M36PH, F77PH, F76PH, F60PH, F63PH, F75PH, F74PH, M64PH, M77PH M72PH, M66PH, F76PH, F75MH, M80MH.									
Montgomery County Montgomery City	16	1800CST			0	0	.2K	0	Thunderstorm Winds (G61) The county sheriff reported power lines and numerous trees down with wind gusts as high as 70 mph.
Ralls County 3 E Center	22	0920CST			0	0	.2K	0	Thunderstorm Winds Power lines and poles were blown down east of Center.
Pike County 1 W Frankford	22	0920CST			0	0	.2K	0	Thunderstorm Winds Power lines and poles were blown down.
St.Louis County 3 E Chesterfield	22	1045CST			0	0	.2K	0	Thunderstorm Winds Power lines and poles were blown down.
St.Louis City	22	1100CST			0	0	.3K	0	Thunderstorm Winds Large trees were blown down along stretches of Riverside Drive and highways across southern parts of the city. Strong winds lasted for 10 minutes.
Clark County 5 SW Kahoka	25	1300CST			0	0	.2K	0	Thunderstorm Winds The county sheriff reported large trees and power lines down.
Callaway County Fulton	25	1940CST			0	0	.2K	0	Thunderstorm Winds Large trees were blown down.
Lincoln County 3 S Troy	25	2035CST			0	0	.2K	0	Thunderstorm Winds Large trees were blown down south of Troy.
Warren County 5 NW Warrenton	25	2045CST			0	0	2K	0	Thunderstorm Winds Wind gusts blew car windows out along County Road A.
Crawford County Bourbon	25	2235CST			0	0	0	0	Hail (0.75)
MOZ009-010-018-019-026-027-034>036-041-042-047>052-059>065-071>076-083>085-099 Central, Northeast, and East Central Missouri	28 31	1200CST- 1200CST			0	120	15K	25K	Heat Hot temperatures once again moved into the area to close out the month with well over 100 heatrelated illnesses reported in hospitals. Like the heat wave earlier inthe month, a large majority of heat stroke victims were elderly and in metropolitan areas.
MISSOURI, Southeastern									
Stoddard County 2 W Dexter	17	1515EST			0	0	30K	0	Thunderstorm Winds The roof of a trailer was blown off and several trees were downed.
Cape Girardeau County Millersville	24	1940EST			0	0	0	0	Thunderstorm Winds (G52) A flag pole was bent and large tree limbs were blown down.
Missouri (MEM) July 1995									
Dunlin County Kennett	05	0055CST			0	0	.01M	0	Thunderstorm Winds Numerous trees and power lines were blown down.
Pemiscot County Caruthersville	05	0125CST			0	0	2K	0	Thunderstorm Winds
Dunlin County Kennett	08	2140CST			0	0	1K	0	Thunderstorm Winds A few trees were blown down.
MISSOURI, Southwestern									
Jasper County JLN	04	1841CST			0	0	0	0	Thunderstorm Winds (G56)
MISSOURI, Southwestern Cont'd									
Vernon County Nevada	04	1845CST			0	0	0	0	Thunderstorm Winds (G50)
Jasper County Webb City	04	1925CST			0	0	5K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Barry County									
Monett	04	1929CST			0	0	0	0	Thunderstorm Winds
Lawrence County									
Mt Vernon	04	1932CST			0	0	0	0	Thunderstorm Winds (G52)
Stone County									
Kimberling City	04	2000CST			0	0	0	0	Thunderstorm Winds (G60)
Christian County									
Clever	04	2005CST			0	0	0	0	Thunderstorm Winds (G52)
Lawrence County									
Aurora	04	2010CST			0	0	0	0	Thunderstorm Winds (G50)
Greene County									
Republic	04	2010CST			0	0	10K	0	Thunderstorm Winds
Fair Grove	04	2027CST			0	0	0	0	Thunderstorm Winds (G52)
Dallas County									
Buffalo	04	2041CST			0	0	5K	0	Thunderstorm Winds
Laclede County									
Lebanon	04	2100CST			0	0	0	0	Thunderstorm Winds (G50)
Wright County									
Mansfield	04	2130CST			0	0	0	0	Thunderstorm Winds (G50)
A thunderstorm complex with 60 to 70 mph winds downed trees over parts of southwest Missouri. Power lines were downed by the high winds in Webb City, Monett and the Springfield area, and an outbuilding was destroyed in Buffalo.									
Cedar County									
3 S Eldorado Springs	05	1915CST			0	0	0	0	Hail (0.75)
Ripley County									
Doniphan	07	1528CST			0	0	0	0	Hail (0.75)
Carter County									
5 W Van Buren	07	1959CST			0	0	0	0	Hail (0.75)
Carter County									
Van Buren	08	0345CST			0	0	0	0	Hail (0.88)
Ripley County									
10 N Doniphan	08	0403CST			0	0	0	0	Hail (0.88)
Shannon County									
12 E Eminence	08	2020CST			0	0	0	0	Hail (1.75)
Carter County									
Ellsinore	08	2030CST			0	0	0	0	Hail (1.00)
Stone County									
Galena	13	2200CST			1	11	0	0	Heat
Temperatures rising to near 100 degrees for several days in a row lead to the death of a 60-year-old man whose body temperature climbed to 107 degrees while working outdoors.M60OU									
Carter County									
5 N Van Buren	23	1242CST			0	0	0	0	Hail (0.88)
Van Buren									
Dade County	23	1300CST			0	0	0	0	Hail (1.75)
Dade County									
Bona	23	1605CST			0	0	0	0	Thunderstorm Winds
Jasper County									
JLN	23	1700CST			0	0	0	0	Thunderstorm Winds (G57)
Cedar County									
Stockton	23	1715CST			0	0	0	0	Thunderstorm Winds
Thunderstorm winds gusting to over 60 mph downed trees at Bona and Stockton.									
Barton County									
Golden City	23	1720CST			0	0	0	0	Thunderstorm Winds (G52)
Lawrence									
Mt Vernon	23	1725CST			0	0	?	0	Thunderstorm Winds
Dade County									
2 S Dadeville	23	1740CST			0	0	10K	0	Thunderstorm Winds
Barry County									
Monett	23	1800CST			0	0	5K	0	Thunderstorm Winds
Cedar County									
3 N Stockton	23	1801CST			0	0	40K	0	Thunderstorm Winds
Thunderstorm winds flipped three mobile homes to the north of Stockton and downed trees in Monett and south of Dadeville. A tractor-semitrailer was blown off of Interstate 44 near Mt Vernon.									
Greene County									
Battlefield	23	1810CST			0	0	25K	0	Thunderstorm Winds
Polk County									
Brighton	23	1833CST			0	0	0	0	Thunderstorm Winds
Webster County									
11 E Rogersville	23	1833CST			0	0	0	0	Thunderstorm Winds
MISSOURI, Southwestern Cont'd									
Christian County									
Bruner	23	1845CST			0	0	0	0	Thunderstorm Winds G
A severe thunderstorm with an estimated 70 to 80 mph winds downed trees throughout the area, a church steeple collapsed and windows were broken on the south side of Springfield, and golf ball-size hail was reported in Walnut Grove.									
Wright County									
Norwood	23	1920CST			0	0	0	0	Thunderstorm Winds
Douglas County									
Ava	23	1921CST			0	0	0	0	Thunderstorm Winds
Thunderstorm winds continued downing trees as they moved through the Norwood and Ava areas.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Douglas County Ava	24	1643CST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds downed trees and power lines.
Jasper County Joplin	25	1940CST			0	0	0	0	Thunderstorm Winds (G52)
Joplin	25	2005CST			0	0	30K	0	Thunderstorm Winds
									Severe thunderstorms repeatedly moved through the Joplin area downing trees and power lines.
Barton County 3 W Golden City	25	2011CST	.1	100	0	0	0	0	Tornado (F0)
									A weak tornado briefly touched down causing no damage.
Newton County Neosho	25	2011CST			0	0	0	0	Thunderstorm Winds
Cedar County Eldorado Springs	25	2035CST			0	0	0	0	Thunderstorm Windss
Lawrence County Monett	25	2045CST			0	0	5K	0	Thunderstorm Winds
Barry County Cassville	25	2045CST			0	0	5K	0	Thunderstorm Winds
									Severe thunderstorms downed trees throughout the area and damaged roofs in Monett and Cassville.
Stone County Kimberling City	25	2100CST			0	0	0	0	Thunderstorm Winds
Greene County Walnut Grove	25	2100CST			0	0	0	0	Thunderstorm Winds
Christian County Hurley	25	2120CST			0	0	0	0	Thunderstorm Winds (G52)
									Thunderstorm winds gusting to 60 mph downed trees across parts of Stone, Greene and Christian counties.
Dallas County Buffalo	25	2130CST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds downed trees and power lines.
Taney County Forsyth	25	2135CST			0	0	0	0	Thunderstorm Winds
McDonald County South West City	25	2320CST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds down tree limbs in South West City and broke windows in Noel.
MISSOURI, Northwestern									
Jackson County Kansas City	03	2137CST			0	0	0	0	Hail (1.75)
									Kansas City Fire Department reported golf ball-size hail on the Plaza.
Clay County Liberty	03	2212CST			0	0	0	0	Hail (1.00)
	03	2230CST			0	0	0	0	Hail (0.75)
	03	2235CST			0	0	0	0	Hail (1.00)
									Numerous reports of hail in the Liberty area during thunderstorms. Dime-size hail was observed along Highway 69 just North of Liberty. Quarter-size hail was recorded five miles West of Liberty.
Caldwell County Hamilton	03	2220CST			0	0	0	0	Hail (1.50)
									Hamilton Police Department reported pingpong-ball size hail.
Worth County 3 E Allendale	04	0000CST			0	0	0	0	Hail (1.75)
									A local radio station reported hail three miles east of Allendale.
Gentry County	04	0113CST			0	0	2K	0	Thunderstorm Winds
									High winds in thunderstorms caused numerous downed trees and power line.
Andrew County Route D	04	0053CST			0	0	3K	0	Tornado
N St Joseph	04	0054CST			0	0	120K	0	Tornado
MISSOURI, Northwestern Cont'd									
Countysby	04	0055CST			0	0	3K	0	Hail (1.75)
									Severe thunderstorms produced golf ball-size hail and downed trees near Cosby. Tornadoes touched down along Route D and over Country Club Village. Near Savannah a lumbar yard was destroyed.
Buchanan County Arcadia	04	0120CST			0	0	8K	0	Thunderstorm Winds
									Severe thunderstorm winds tore a roof off of a house.
Clinton Wallace State Park	04	0135CST			0	0	0	0	Hail (1.75)
									KAAN Radio reported golf ball-size hail over Wallace State Park.
Gentry County Albany King City									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Stanberry	04	0200CST			0	0	4K	0	Thunderstorm Winds (G52) Thunderstorms produced winds gusts up to 60 mph as they moved through Gentry County. There were several reports of downed trees and powerlines. In Albany there was also a report of minor flash flooding.
Adaire County Kirksville	04	0255CST			0	0	0	0	Flash Flood Adaire County Sheriff Office reported water covering Route 63.
Jackson County Blue Springs	04	0345CST			0	0	2K	0	Thunderstorm Winds National Weather Service personnel reported downed trees and power outages in the Blue Springs area.
Cass County Harrisonville	04	0400CST			0	0	2K	0	Thunderstorm Winds (G65) Harrisonville PD reported thunderstorm wind gusts to 75 mph at Peculiar and roof torn off of a barn near Garden City.
Saline County	04	0420CST			0	0	0	0	Thunderstorm Winds (G52) County Agriculture State Conservation Services reported thunderstorm wind gusts up to 60 mph.
Pettis County	04	0425CST			0	0	3K	0	Thunderstorm Winds (G52) County Emergency Management Director reported numerous trees and powerlines down and even some local building damage from thunderstorm winds gusting up to 60 mph.
Andrew County Filmore	04	1600CST			0	0	0	0	Hail (1.00) The Andrew County Sheriff's office reported quarter-size hail near Filmore.
Buchanan County St Joseph	04	1633CST			0	0	0	0	Hail (1.00)
	04	1645CST			0	0	0	0	Hail (1.00) Thunderstorm Winds (G52) The Highway Patrol reported one-inch hail at Interstate 229 and 22nd Street on the south side of St Joseph. A Highway Patrol Officer also reported one-inch hail and 60 mph winds inside the city of St Joseph.
Linn County Linneus	04	1653CST			0	0	8K	0	Tornado The Missouri Highway Patrol reported a tornado on the ground north of Linneus. The landmark Little Red School House in Linn County was leveled.
Clay County Liberty	04	1729CST			0	0	0	0	Hail (0.75) Dime-size hail was reported in Liberty.
Randolph County Moberly	04	1740CST			0	0	400K	0	Tornado(F3) A tornado touched down south of Moberly then moved through the eastern half of town. The tornado lifted approximately seven miles northeast of Moberly.
Caldwell County Kingston	04	1755CST			0	0	0	0	Thunderstorm Winds (G52) 60 mph winds were reported with a thunderstorms at Kingston.
Grundy County Trenton	04	1820CST			0	0	0	0	Hail (0.75) The Grundy County Sheriff Department reported dime-size hail near Trenton.
Pettis County La Monte	05	1830CST			0	0	0	0	Hail (0.75) A spotter in La Monte reported dime-size hail.
Harrison 8 N Bethany	07	2135CST			0	0	0	0	Hail (1.00) One-inch hail reported eight miles north of Bethany while dime-size hail was reported in Bethany.
MISSOURI, Northwestern Cont'd									
Livingston County Chillicothe	07	2150CST			0	0	0	0	Hail (1.00) Quarter-size hail was reported at Chillicothe.
Harrison County Cainsville	07	2245CST			0	0	0	0	Hail (1.00)
	07	2330CST			0	0	0	0	Hail (2.00) One to two inch hail was reported throughout the Cainsville area.
Carroll County Carrollton	07	2320CST			0	0	0	0	Hail (0.75) Carroll County Sheriff's Office reported dime-size hail at Carrollton.
Grundy County 12 W Trenton	07	2330CST			0	0	0	0	Hail (1.75) Golf ball-size hail was reported 12 miles west of Trenton.
Saline County	07	2330CST			0	0	2K	0	Thunderstorm Winds Saline County Sheriff's Office reported numerous trees down from thunderstorm winds.
Harrison County Cainsville	07	2330CST			0	0	0	0	Hail (2.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Two-inch hail was reported in a severe thunderstorm in Cainsville.									
Grundy County 15 NE Trenton	08	0157CST			0	0	0	0	Hail (1.75)
Golf ball-size hail was reported 15 miles Northeast of Trenton.									
Saline County Marshall	08	1520CST			0	0	0	0	Thunderstorm Winds (G57)
Thunderstorm winds gusted to 65 mph in Marshall.									
Carroll County De Witt	08	1525CST			0	0	3K	0	Thunderstorm Winds
Trees and power lines reported down as a result of thunderstorm winds over Northern Carroll County.									
Cooper County Booneville	08	1600CST			0	0	3K	0	Thunderstorm Winds
Trees and power lines reported down in Booneville as a result of thunderstorm winds.									
Howard County Fayette	08	1602CST			0	0	2K	0	Thunderstorm Winds
Howard County Sheriff's Office reported a downed pole on the west side of Fayette. There were also several reports of small hail throughout Howard County.									
MO ZNS28-29-37	11	0900CST			0	0	0	0	Heat Wave
	15	2200CST			4	0	0	0	Heat Wave
Five days of maximum temperatures over 90 degrees with afternoon heat indices averaging 110 to 120 degrees plagued the Kansas City Metro Area July 11 through July 15. Four people died as a result of heat related causes. Overnight temperatures in downtown Kansas City did not drop below 80 degrees several nights through this period keeping heat indices over 90 degrees through the night time hours.									
Nodaway County 2 E Maryville	15	1600CST			0	0	1K	0	Thunderstorm Winds (G52)
Severe thunderstorm winds produced 60 mph gusts two miles east of Maryville. Large tree limbs were reported down.									
Holt County Mound City	15	1615CST			0	0	4K	0	Thunderstorm Winds
Severe thunderstorm winds blew down trees and a grain trailer.									
Andrew County Fillmore	15	1720CST			0	0	2K	0	Thunderstorm Winds
Numerous trees and power line were reported down over Western Andrew County.									
Clay County Kearney	20	0430CST			0	0	0	0	Flood
Flash flooding from heavy rains caused the closure of 92 Highway near Kearney as water covered the roadway.									
Kearney	20	0610CST			0	0	0	0	Flood
Repeated heavy rains continued to maintain flooding of several rural roads in Clay County. Highway 92 remained closed with water over the roadway.									
Platte County Weston	21	1330CST			0	0	0	0	Thunderstorm Winds (G52)
	21	1330CST			0	0	0	0	Hail (0.75)
Severe thunderstorms produced dime to quarter-size hail over Weston.									
Buchanan St Joseph	21	1400CST			0	0	0	0	Hail (1.75)
Severe thunderstorms produced golf ball-size hail over the St Joseph area.									
MISSOURI, Northwestern Cont'd									
Layayette County 1 E Lexington	21	1500CST			0	0	0	0	Hail (1.00)
A severe thunderstorm produced hail up to an inch in diameter one mile east of Lexington.									
Nodaway 4 SSE Conception Jct	21	1520CST			0	0	0	0	Hail (1.25)
Half-dollar-size hail was reported in thunderstorms four miles south-southeast of Conception Junction.									
Gentry Near Stanberry	21	1530CST			0	0	0	0	Hail (1.00)
Dime to quarter-size hail was reported in severe thunderstorms near Stanberry.									
Adair County Kirksville	22	1647CST			0	0	0	0	Hail (0.75)
	22	1700CST			0	0	0	0	Hail (1.75)
	22	1730CST			0	0	0	0	Hail (0.75)
A severe thunderstorm moved across Adair county between 1730 CST and 1900 CST producing dime to golf ball-size hail in the Kirksville Area.									
Adair County Kirksville	22	1800CST			0	0	0	0	Flood
Persistent heavy rains from thunderstorms caused numerous street closures in the Kirksville area due to high water.									
Buchanan County 2 M N Agency	22	2305CST			0	0	0	0	Hail (0.75)
A severe thunderstorm produced dime-size hail two miles north of Agency.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Platte County Farley	23	0010CST			0	0	0	0	Hail (0.75) A severe thunderstorm produced dime-size hail near Farley.
Clay County Highway 69 and 72 Claycomo	23	0025CST 0040CST			0	0	0	0	Thunderstorm Winds (G57) Thunderstorm Winds A severe thunderstorm moved across Clay County shortly after 1230 CST producing 65 mph winds and quarter-inch hail at the intersection of Highways 69 and 72. In Claycomo a six inch tree limb was downed at the intersection of Interstate 29 and Interstate 35.
Daviess County Alta Vista	23	0045CST			0	0	1K	0	Thunderstorm Winds Severe thunderstorm winds knocked down large tree limbs.
Dekalb County Maysville	23	0046CST 0046CST			0	0	0	0	Thunderstorm Winds (G52) Hail (1.00) A severe thunderstorm dumped one inch hail and produced 60 mph winds in Maysville.
Andrew County Savannah	23	0100CST			0	0	0	0	Hail (0.75) Severe thunderstorms produced dime-size hail near Andrew.
Jackson County Atherton	23	0100CST			0	0	1K	0	Thunderstorm Winds Strong thunderstorm winds downed numerous trees in Atherton.
Ray County 1 M N Hardin	23	0130CST			0	0	0	0	Thunderstorm Winds (G57) A severe thunderstorm produced 65 mph winds one mile north of Hardin.
Harrison County Bethany	23	0200CST			0	0	0	0	Thunderstorm Winds (G52) A severe thunderstorm produced a 60 mph wind gust in Bethany.
Johnson County Holden 3 N Centerview	23	1435CST 1445CST			0	0	2K	0	Thunderstorm Winds Thunderstorm Winds (G52) A severe thunderstorm moved through Central Johnson County producing wind gusts up to 60 mph three miles north of Centerview knocking down large tree limbs. Numerous trees and power lines were reported down in Holden.
Buchanan County St Joseph	24	1515CST			0	0	0	0	Hail (0.75) Severe thunderstorms dropped dime-size hail over the northern side of St Joseph.
Andrew County 4 NE St Joseph	24	1515CST			0	0	0	0	Hail (0.75) Severe thunderstorms produced dime-size hail four miles northeast of St Joseph.
MISSOURI, Northwestern Cont'd									
Atchison County 3 S Hamburg	24	1835CST			0	0	0	0	Thunderstorm Winds Severe thunderstorm winds caused power outages and blew down four to six inch tree limbs three miles south of Hamburg.
Adair County 4 W Nind	25	1515CST			0	0	0	0	Hail (0.88) A severe thunderstorm produced nickel-size hail four miles west of Nind.
Clinton County Gower Plattsburg Lathrop Gower Plattsburg	25	1525CST 1540CST 1555CST 1615CST 1622CST			0	0	0	0	Hail (1.75) Hail (2.50) Hail (1.25) Hail (1.75) Hail (1.00) Severe thunderstorms moved across western and central sections of Clinton County producing large hail. Golf ball-size hail was reported at Gower and tennis ball-size hail was reported at Plattsburg. In Lathrop an inch and a quarter-size hail was reported.
Buchanan County E St Joseph SE Buchanan	25	1540CST 1615CST			0	0	0	0	Hail (1.75) Hail (1.00) Severe thunderstorms produced one inch hail over the southeastern part of Buchanan County and golf ball-size hail along Highway 36 east of St Joseph.
Caldwell County 9 W Polo	25	1630			0	0	0	0	Hail (1.50) A severe thunderstorm produced hail an inch and a half in diameter nine miles west of Polo.
Dekalb County Stewartsville	25	1630			0	0	3K	0	Thunderstorm Winds Strong thunderstorm winds damaged a barn in Stewartsville.
Andrew County Savannah Rochester	25	1640 1644			0	0	0	0	Thunderstorm Winds (G52) Hail (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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Severe thunderstorms produced 60 mph winds and one inch hail in Savannah and golf ball-size hail in Rochester.

Ray County
6 NE Lawson
Lawson

25	1649				0	0	0	0	Hail (1.00)
25	1715				0	0	0	0	Hail (1.75)

Severe thunderstorms produced golf ball-size hail over Lawson and six miles northeast of Lawson.

Ray County
3 S Richmond

25	1745CST				0	0	0	0	Thunderstorm Winds (G52)
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Severe thunderstorm winds were reported to gust to 60 mph three miles south of Richmond.

Carroll County
Carrollton

25	1752CST				0	0	0	0	Hail (1.00)
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A severe thunderstorm produced quarter-size hail in Carrollton. Very heavy rain also fell with the storm as 1.3 inches were measured in 15 minutes at Carrollton.

MOZ001-011-012-020-028>032-037>040-044-046-054

04	0000CST-				0	0	?	?	River Flood
22	2359CST								

Minor flooding occurred across portions of North-central and Northwest Missouri during July. Most of the flooding occurred as a result of thunderstorms in the beginning of the month. Thunderstorms over the Independence Day holiday led to flooding of rivers that were already close to flood stage from the abnormally wet months of May and June. Soil conditions began to dry out during the middle and latter part of July as persistent hot, dry weather took over the central part of the U.S.

FLOOD STAGE REPORT

River and Station	FS	Above FS	Crest	Date
102 River Maryville	14	7/4 to 7/5	E16.5	7/5
Fishing River Mosby, MO	18	7/20 - 7/20	25.8	7/20
Platte River Agency	20	7/4 to 7/8	25.06	7/6
Sharps Station	23	7/5 to 7/10	29.7	7/8
Platte City	18	7/5 to 7/10	22.4	7/10
Grand River Pattonsburg	25	7/4 to 7/7	28.6	7/5
Gallatin	26	7/5 to 7/7	29.57	7/6
Chillicothe	24	7/5 to 7/9	33.0	7/6
Sumner	26	7/5 to 7/11	36.74	7/7
Brunswick	19	7/5 to 7/13	25.0	7/7
Blackwater River Valley City	22	7/4 to 7/5	E25.0	7/5
Blue Lick	25	7/6 to 7/7	26.25	7/7
Chariton River Novinger	20	7/5 to 7/5	21.42	7/5

MISSOURI, Northwestern Cont'd

Praire Hill	15	7/5 to 7/7	19.26	7/6
Missouri River St. Joseph	17	7/5 to 7/6	19.7	7/5
Napoleon	17	5/8 to 7/3	25.56	5/25
		7/4 to 7/10	20.69	7/6
Waverly	20	5/8 to 7/3	28.6	5/18
		7/5 to 7/11	22.8	7/6
Miami	18	5/8 to 7/12	28.4	5/20
Glasgow	25	6/26 to 7/1	26.16	6/28
		7/5 to 7/12	28.4	7/8
Booneville	21	5/8 to 7/2	33.14	5/19
		7/5 to 7/12	24.8	7/8

MISSOURI, Central

MOZ055>058-068>070

12	0600CST-				0	0	0	0	Excessive Heat
14	1800CST								

Afternoon maximum temperatures did not challenge records, but very high dew points pushed heat indices well into the danger category. The heat peaked on July 13th when temperatures ranging from the middle 90s to near 100 combined with dew points in the upper 70s and low 80s to produce heat indices in the 110 to 120 range. Heat related illnesses occurred but no deaths were reported in the south part of central Missouri.

Morgan County
8 E Versailles
8 E Versailles

21	1730CST				0	0	140K	30K	Thunderstorm Winds
21	1730CST				0	0	0	30K	Hail (0.75)

A severe thunderstorm produced a two to three mile wide swath of scattered wind damage and hail from two miles northwest of Excelsior to six miles southwest of Excelsior. Strong winds damaged 23 farm buildings, while a combination of wind and hail damaged crops.

Hickory County
2 S Hermitage

25	2210CST				0	0	0	0	Thunderstorm Winds
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Strong winds broke several large tree limbs.

MONTANA

Cascade County
Simms

06	1645MST				0	0	?	?	HAIL (1.00)
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Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Teton County 2 N Simms	06	1655MST			0	0	?	?	HAIL (1.00)
Sanders County Thompson Falls	06	1845MST			0	0	?	?	TSTM WIND
The roof of the Thompson Falls golf course clubhouse was blown away and the building was partly demolished. Numerous large trees were blown down around town. One large tree came down on a house, causing minor damage. The time is estimated.									
Sanders County Plains	06	1905MST			0	0	?	?	TSTM WIND (G61)
Beaverhead County Dell	06	2000MST			0	0	?	?	DRY MICROBURST
Dry winds, preceding a thunderstorm, did considerable damage in the town of Dell. A roof was blown off a corral building. Part of the roof and strips of siding were torn off a trailerhouse. A heavy bucket holding gravel was blown into the bar of a local Inn. Numerous trees were blown down.									
Carbon County Joliet	06	2020MST			0	0	?	?	HAIL (1.75)
Sheridan County Raymond	07	1852MST			0	0	10K	0	HAIL (1.75)
Golf ball size hail broke windows on houses and vehicles.									
Sheridan County 12 N Plentywood	07	1852MST			0	0	1K	0	HAIL (1.75)
Golf ball size hail broke windows on a house.									
Chouteau County Warrick	08	1930MST			0	0	?	?	HAIL (1.75)
Jefferson County Jefferson City	09	1415MST			0	0	?	?	TSTM WIND (G52)
Ravali County Darby	09	1606MST			0	0	?	?	TSTM WIND
Several trees and power lines down.									
Golden Valley Lavina	09	1645MST			0	0	?	?	TSTM WIND (G61)
MONTANA Cont'd									
Ravali County Hamilton-Stevensville	09	1700MST-1730MST		0	0	?	?		TSTM WIND
Winds estimated at greater than 60 mph uprooted trees up and down the Bitterroot valley. A 100 year old cottonwood tree fell onto a house, destroying the front room of the house. 4 sheep were killed when a tree fell on them.									
Yellowstone County Billings	09	1730MST			0	0	0	0	TSTM WIND (G50)
Lincoln County Libby	09	1755MST			0	0	?	?	TSTM WIND
Thunderstorm winds blew roofs off of homes and blew large trees down.									
Granite County Rock Creek	09	1922MST			0	0	?	?	TSTM WIND
Trees were blown down in the Black Pine area. Small hail covered the ground.									
Flathead County Whitefish	09	1930MST			0	0	?	?	TSTM WIND
Many trees were knocked down in Whitefish by winds estimated at about 60 mph. The winds caused 5 foot swells on nearby Whitefish Lake.									
Flathead County Big Mountain	09	1940MST			0	0	?	0	TSTM WIND
An outdoor sound stage and large tent were blown over at the Big Mountain ski resort.									
Teton County Choteau	10	1315MST			0	0	?	?	HAIL (0.75)
Silver Bow County 10 W Butte	10	1325MST			0	0	0	0	HAIL (0.75)
Powell County Elliston	10	1330MST			0	0	0	0	HAIL (0.75)
Lewis and Clark 8 W Hln	10	1356MST			0	0	?	?	HAIL (1.00)
Report of one inch hail by a motorist on highway 12.									
Lewis and Clark Helena	10	1400MST			0	0	?	0	HAIL (1.75)
Golf ball size hail was reported at a golf course.									
Powell County Elliston	10	1400MST			0	0	?	?	TSTM WIND
Tree branches 5 inches in diameter were broken. Shingles were damaged.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Lewis and Clark Helena	10	1415MST			0	0	?	0	HAIL (0.75)
Jefferson County Boulder	10	1525MST			0	0	?	?	HAIL (1.25)
Cascade County ERN Great Falls	10	1545MST			0	0	0	0	TSTM WIND (G58)
Fergus County Roy	10	1640MST			0	0	?	?	TSTM WIND (G63)
Cascade County 20 SE Great Falls	10	1645MST			0	0	?	?	TSTM WIND (G55)
Judith Basin County 31 SE Great Falls	10	1645MST			0	0	?	?	TSTM WIND (G58)
Judith Basin County Kolin	10	1700MST			0	0	?	?	HAIL (1.75)
Fergus County Hilger	10	1700MST			0	0	?	?	HAIL (1.00)
Park County Livingston	10	1729MST			0	0	0	0	TSTM WIND (G58)
Phillipps County 40 S Malta	10	1837MST			0	0	5K	0	TSTM WIND
A weather spotter reported 60-70 mph winds. Shingles were blown off of his roof.									
Judith Basin County 2 N Raynesford	11	1339MST			0	0	?	?	HAIL (1.75)
MONTANA Cont'd									
Judith Basin County 1 SE Raynesford	11	1345MST			0	0	?	?	HAIL (0.75)
Two windows broken on a house by the hail.									
Chouteau County 15 N Geyser	11	1408MST			0	0	?	?	HAIL (1.50)
Judith Basin County 1 SE Raynesford	11	1420MST			0	0	?	?	HAIL (1.00)
Yellowstone County Pompeys Pillar	11	1430MST			0	0	?	?	TSTM WIND
A pole barn with a steel roof was destroyed by thunderstorm winds.									
Cascade County Neihart	11	1440MST			0	0	?	0	HAIL (1.00)
Petroleum County 6 N Winnett	11	1515MST			0	0	?	?	HAIL (1.75)
Hail as large as golf balls broke windows and damaged windshields in the town of Winnett.									
McCone County 1 E Brockway	11	1730MST			0	0	5K	0	TSTM WIND (G80)
McCone County 12 SW Brockway	11	1756MST	.5	80	0	0	.25M	0	TORNADO (F2)
A tornado did damage to a farmstead. The tornado lifted a house and then set it back on its foundation. Several outbuildings were destroyed. A grain semi which was parked in front of the yard was overturned. Several pick-up trucks parked around the farm were overturned.									
MCCONE CO 6 SW CIRCLE	11	1757MST			0	0	0	0	TSTM WIND (G70)
MCCONE CO 2 E CIRCLE	11	1836MST			0	0	10K	0	HAIL (1.00)
PHILLIPS CO SRN PTN CO	11	1837MST			0	0	?	?	TSTM WIND (G56)
RAVALI CO DARBY	12	0540MST			0	0	?	?	HAIL (0.88)
SILVER BOW CO BUTTE	12	1230MST			0	0	0	0	HAIL (0.75)
BEAVERHEAD CO WISDOM	12	1335MST			0	0	0	0	HAIL (1.25)
BEAVERHEAD CO NR WISDOM	12	1400MST			0	0	0	0	HAIL (1.50)
FERGUS CO VALENTINE	12	1413MST			0	0	?	?	HAIL (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
BEAVERHEAD CO WISE RIVER	12	1430MST			0	0	?	0	HAIL (1.50)
ROSEBUD CO BIRNEY	12	1535MST			0	0	?	?	HAIL (0.75)
POWDER RIVER CO FORT HOWES	12	1550MST			0	0	?	?	TSTM WIND
			A gust of wind blew a trailer over.						
POWDER RIVER CO BROADUS	12	1620MST			0	0	?	?	TSTM WIND
			The roof of a house was blown off. Several trees, with diameters up to 12 inches, were uprooted.						
POWDER RIVER CO POWDER RIVER	12	1630MST			0	0	?	?	HAIL (1.75) TSTM WIND
			Branches 8 to 10 inches were broken off trees.						
MCCONE CO WELDON	12	1710MST			0	0	0	10K	HAIL (1.75)
MCCONE CO 21 N CIRCLE	12	1715MST			0	0	?	?	HAIL (1.75)
			Golf ball sized hail peeled paint off a house near Cow Creek. The hail also did heavy damage to the roof of the house.						
CUSTER CO VOLBORG	12	1725MST			0	0	?	?	TSTM WIND (G61)
MONTANA Cont'd									
CARTER CO 20 S EKALAKA	12	1730MST			0	0	?	?	HAIL (1.75)
CUSTER CO 8 N POWDERVILLE	12	1730MST			0	0	?	?	TSTM WIND
			A barn roof was picked up and blown across a yard.						
CUSTER CO 4 N MIZPAH	12	1730MST			0	0	?	?	TSTM WIND (G61)
			Several buildings were damaged by thunderstorm winds. Half the side of a satellite dish was blown away and numerous tree limbs were broken.						
CARTER CO 25 S EKALAKA	12	1745MST			0	0	?	?	TSTM WIND
			A tree was uprooted and blown across a highway.						
FALLON CO BAKER	12	1750MST			0	0	?	?	TSTM WIND (G58)
MCCONE CO 6 NW ENID	12	1915MST			0	0	5K	10K	FLASH FLOOD
MCCONE CO 6 N ENID	12	1940MST			0	0	5K	0	FLASH FLOOD
DAWSON CO 9 NE BLOOMFIELD	13	1750MST			0	0	?	?	HAIL (1.00)
MCCONE CO CIRCLE	13	1715MST			0	0	?	?	TSTM WIND (G106)
DAWSON CO 9 N BLOOMFIELD	13	1826MST			0	0	?	?	HAIL (1.00)
CARTER CO 6 NE ALBION	13	1945MST			0	0	?	?	HAIL (0.75)
VALLEY CO 14 S GLASGOW	15	1245MST			0	0	5K	0	FLASH FLOOD
BIG HORN CO WYOLA	15	1535MST			0	0	?	?	HAIL (1.75)
BIG HORN CO WYOLA	15	1600MST			0	0	?	?	HAIL (1.50)
FALLON CO PLEVNA	18	1600MST			0	0	?	?	HAIL (2.75)
			Windows were broken, yardlights smashed, and paint and stucco stripped off houses in plevna by baseball size hail.						
BIG HORN CO DECKER	15	1620MST			0	0	?	?	HAIL (0.75)
			50 mph winds were also reported with this storm.						
CASCADE CO CASCADE	15	1630MST			0	0	?	?	HAIL (1.75)
FALLON CO S BAKER	18	1645MST			0	0	?	?	HAIL (1.50)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Windows were reported broken in homes and crops flattened.
WIBAUX NR CARLYLE	18	1740MST			0	0	?	?	HAIL (2.00)
									Hail and strong winds did widespread damage to crops.
FALLON CO 20 S WIBAUX	18	1810MST			0	0	?	?	HAIL (1.00)
SWEET GRASS CO NR BIG TIMBER	18	1835MST			0	0	?	?	HAIL (1.00)
SWEET GRASS CO 10 W BIG TIMBER	18	1850MST			0	0	?	?	HAIL (1.50)
SWEET GRASS CO BIG TIMBER	18	1908MST			0	0	?	?	HAIL (1.75)
									Cars were dented, windshields broken, and house windows broken by golf ball size hail.
LEWIS AND CLARK 15 N HELENA	19	1420MST			0	0	?	?	HAIL (1.75)
JUDITH BASIN CO STANFORD	19	1720MST			0	0	?	?	HAIL (1.75)
MONTANA Cont'd									
									Time estimated.
GALLATIN CO WEST YELLOWSTONE	20	1545MST			0	0	?	?	HAIL (0.75)
MEAGHER CO CHECKERBOARD	20	1600MST			0	0	?	?	HAIL (0.75)
YELLOWSTONE CO BILLINGS	21	1310MST			0	0	?	?	HAIL (0.75)
POWDER RIVER CO 15 S BROADUS	21	1610MST			0	0	?	?	HAIL (1.50)
POWDER RIVER CO 9 NE MOOREHEAD	21	1630MST			0	0	?	?	HAIL (1.00)
POWDER RIVER CO BIDDLE	21	1700MST			0	0	?	?	HAIL (1.00)
POWDER RIVER CO 3 NE MARSH	21	1940MST			0	0	?	?	TSTM WIND (G52)
									Large branches down.
DAWSON CO 10 NW GLENDIVE	21	2010MST			0	0	?	?	TSTM WIND (G52)
VALLEY CO VANDALIA	26	1750MST			0	0	0	0	TSTM WIND (G54)
VALLEY CO 15 NW GLASGOW	26	1825MST			0	0	5K	2K	TSTM WIND (G52)
MCCONE CO 5 S POPLAR	26	1915MST			0	0	?	?	TSTM WIND(G61)
									A storm spotter just south of poplar reported an estimated wind gust of 70 mph.
DAWSON CO 3 NE MARSH	26	1940MST			0	0	?	?	TSTM WIND (G52)
									Large branches were blown down.
DAWSON CO 10 NW GLENDIVE	26	2010MST			0	0	?	?	TSTM WIND (G52)
RICHLAND SIDNEY	26	2030MST			0	0	?	?	TSTM WIND
									Numerous large trees were uprooted around town. The patio of one house was destroyed. A horse trailer was blown across a parking lot into the window of a gas station. The time is estimated.
RICHLAND CO SIDNEY	26	2045MST			0	0	0	0	HAIL (0.75)
MISSOULA CO LOLO	28	2105MST			0	0	?	0	HAIL (1.00)
MISSOULA CO NR LOLO	28	2115MST			0	0	?	0	HAIL (1.00)
									Cars damaged.
GALLATIN CO BELGRADE	29	1425MST			0	0	?	?	TSTM WIND (G57)
GALLATIN CO BOZEMAN	29	1428MST			0	0	?	?	TSTM WIND (G53)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PARK CO LIVINGSTON	29	1503MST			0	0	?	?	TSTM WIND (G50)
WHEATLAND CO HARLOWTON	29	1536MST			0	0	?	?	TSTM WIND (G69)
PARK CO LIVINGSTON	29	1608MST			0	0	?	?	TSTM WIND (G50)
VALLEY CO 13 S GLASGOW	29	1645MST			0	0	15K	5K	TSTM WIND (G78)
									Wind gusts as high as 90 mph tore a roof of a shed, downed trees and power lines, and snapped a power pole in half. A field of wheat was flattened.
VALLEY CO 15 SE GLASGOW	29	1650MST			0	0	?	?	TSTM WIND (G50)
MONTANA Cont'd									
BEAVERHEAD CO DILLON	29	1700MST			0	0	?	?	TSTM WIND (G60)
									Several trees knocked down.
SHERIDAN CO MEDICINE LAKE	29	1835MST			0	0	?	?	HAIL (0.75)
SWEET GRASS CO 5 S MCLEOD	29	1840MST			0	0	0	0	TSTM WIND (G50)
GARFIELD CO JORDAN	29	1848MST			0	0	0	0	TSTM WIND (G54)
STILLWATER CO 4 N NYE	29	1900MST			0	0	?	?	TSTM WIND (G56)
SWEET GRASS CO BIG TIMBER	29	1905MST			0	0	?	?	TSTM WIND (G52)
STILLWATER CO ABSAROKEE	29	1910MST			0	0	?	?	TSTM WIND
									Trees knocked down by wind in the town of Absarokee.
STILLWATER CO COLUMBUS	29	1915MST			0	0	?	?	TSTM WIND (G61)
CUSTER CO MILES CITY	29	1920MST			0	0	?	?	TSTM WIND
									Power lines and light poles blown down.
CUSTER CO MILES CITY	29	1926MST			0	0	?	?	TSTM WIND (G62)
BEAVERHEAD CO GRANT	29	1930MST			0	0	0	0	HAIL (0.75)
CUSTER CO MILES CITY	29	1950MST			0	0	?	?	TSTM WIND (G50)
PRAIRIE CO TERRY	29	1955MST			0	0	?	?	TSTM WIND
									A roof was blown off a trailer-house in Terry. A grain bin was also knocked over.
DAWSON CO GLENDIVE	29	1955MST			0	0	?	?	TSTM WIND (G66)
CARBON NR RED LODGE	29	2000MST			0	0	?	?	TSTM WIND
									Wind gusts estimated at up to 100 mph flattened 30 trade tents at the Mountain Man Rendezvous.
YELLOWSTONE CO BILLINGS	29	2003MST			0	0	?	0	TSTM WIND (G54)
									Shingles were blown off roofs in the west end of town.
CUSTER CO MILES CITY	29	2006MST			0	0	0	0	TSTM WIND (G50)
CUSTER CO ISMAY	29	2010MST			0	0	?	?	TSTM WIND (G52)
DAWSON CO MARSH	29	2025MST			0	0	?	?	TSTM WIND (G61)
WIBAUX CO WIBAUX	29	2100MST			0	0	?	?	TSTM WIND (G52)
SWEET GRASS CO BIG TIMBER	29	2105MST			0	0	?	?	TSTM WIND (G52)
RICHLAND CO 5 NW ENID	29	2130MST			0	0	30K	10K	TSTM WIND (G100)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
A thunderstorm downburst toppled a trailer house, tore doors off a quonset hut, blew a fuel tank 300 feet into a tractor and blew a feeder into a grain bin. There was major damage to a garage.									
RICHLAND CO 20 NW SIDNEY	29	2138MST			0	0	?	?	TSTM WIND (G64)
FALLON CO 1 S BAKER	29	2138MST			0	0	?	?	TSTM WIND (G52)
NEBRASKA, Extreme Northeast									
Dakota County Homer	14	1915CST			0	0	5K	0	Thunderstorm Winds (G52)
Thunderstorm winds blew down some small trees.									
Dixon County Dixon	14	2016CST			0	0	0	0	Hail (0.75)
Dixon County Dixon	14	2016CST			0	0	1K	0	Thunderstorm Winds (G52)
Thunderstorm winds turned over and damaged an irrigation system.									
NEBRASKA, (OMA)									
Chase County Frontier County 15 SE	02	1815CST			0	0	0	0	Hail (1.00)
Stockville	03	1950CST			0	0	0	80K	Thunderstorm Winds (G60)
Wind driven, pea-size hail stripped corn completely.									
Lancaster County Sprague	03	2231CST			0	0	0	0	Thunderstorm Winds (G56)
Saunders County Ashland	03	2334CST			0	0	0	0	Thunderstorm Winds (G52)
Otoe County Palmyra	04	0020CST			0	0	1K	0	Thunderstorm Winds (G56)
Large trees down on power lines.									
Nemaha County Julian	04	0025CST			0	0	1K	0	Thunderstorm Winds (G56)
Satellite dish blown down.									
NEZ011-012-016>	10	1000CST-							
018-030>034-042>	14	2200CST			3	0	160K	150K	Heat Wave
045-050>053-065>									
068-088>093									
Eastern Nebraska									
One hundred degree heat over a five day period resulted in three deaths, numerous livestock losses, and damage to roads M52OU, F37PH, M80OU									
Otoe County	12	2100CST			0	0	132K	0	Heat
Intense heat in excess of 100 degrees caused rails to expand and forced the derailment of 15 boxcars on a 98-car Union Pacific train as it entered Nebraska City. One hundred yards of railroad were torn up.									
Madison County 3 NE Norfolk	14	1807CST			0	0	0	0	Hail (1.00)
Stanton County Stanton	14	1815CST			0	0	0	0	Thunderstorm Winds (G50)
Chase County 11 NE Imperial	14	1900CST			0	0	0	0	Hail (1.75)
2 N Lamar	14	1900CST			0	0	0	0	Hail (2.50)
12 N Wauneta	14	1930CST			0	0	0	100K	Hail (2.75)
Hayes County 20 W Hayes Center	14	1945CST			0	0	0	80K	Hail (3.00)
Chase County 15 W Imperial	14	1950CST			0	0	0	0	Hail (1.50)
2 W Imperial	14	2145CST			0	0	1K	0	Thunderstorm Wind (G60)
3 W Imperial	14	2245CST			0	0	2K	0	Hail (1.75)
3 W Imperial	14	2245CST			0	0	8K	0	Thunderstorm Winds (G60)
Thunderstorm winds and golfball sized hail knocked down trees, destroyed a hog shed, and blew the roof off a trailer home.									
Chase County 10 SW Imperial	16	1435CST			0	0	0	0	Hail (0.88)
Lincoln County	19	1258CST			0	0	0	0	Hail (0.75)
Otoe County Nebraska City	19	1400CST-							
	19	1430CST			0	0	1K	0	Thunderstorm Winds (G56)
1/2 SW Nebraska City	19	1415CST			0	0	9K	0	Thunderstorm Winds (G61)
Thunderstorm winds damaged a barn roof, a camper, and a club house.									
Madison County 8 N Newman Grove	19	1415CST			0	0	0	0	Hail (1.75)
Otoe County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Nebraska City	19	1430CST			0	0	15K	0	Lightning
									Lightning damaged the central panel for all the traffic lights in the city. Numerous trees and limbs were down. Several homes across town lost shingles.
Nebraska City	19	1435CST			0	0	1K	0	Thunderstorm Winds (G56)
NEBRASKA, Extreme Northeast Cont'd									
Stanton County 4 E 1S Norfolk	19	1600CST			0	0	0	56K	Hail (2.00)
									Hail destroyed bean crop.
Stanton County 5 N Stanton	19	1612CST			0	0	0	0	Hail (1.00)
5 W 1 N Pilger	19	1615CST			0	0	0	200K	Hail (0.88)
									Wind driven hail damaged area corn and soybean crops.
Cuming County 8 NW Wisner	19	1640CST			0	0	0	0	Hail (0.75)
8 NW Wisner	19	1640CST			0	0	0	0	Thunderstorm Winds (G52)
Keith County 8 S Ogallala	20	1645CST			0	0	0	0	Hail (0.75)
Perkins County 20	20	1655CST			0	0	0	0	Hail (1.00)
Lincoln County 20	20	1715CST			0	0	0	10K	Hail (1.25)
Perkins County 20	20	1743CST			0	0	0	10K	Hail (2.00)
Chase County 7 NE Imperial	20	1812CST			0	0	0	0	Hail (1.75)
5 S Imperial	20	1830CST			0	0	0	0	Hail (0.75)
Knox County Niobrara	21	1757CST			0	0	0	0	Hail (1.00)
Lincoln County 13 N North Platte	21	1829CST			0	0	0	0	Hail (0.75)
15 NE North Platte	21	1900CST			0	0	0	10K	Thunderstorm Winds (G60)
									Thunderstorm winds caused damage to crops and downed several large trees.
Cedar County 1 SE St. Helena	21	1900CST			0	0	0	0	Thunderstorm Winds (G52)
Custer County Arnold	21	1910CST			0	0	0	0	Hail (0.75)
Knox 9 W Croften	21	1910CST			0	0	0	0	Hail (1.75)
9 W Croften	21	1915CST			0	0	0	0	Thunderstorm Winds (G59)
Cedar County 4 N Menominee	21	1930CST			0	0	0	0	Thunderstorm Winds (G52)
Madison County 2 W Norfolk	21	2145CST			0	0	0	0	Thunderstorm Winds (G52)
Lancaster County 3 SE Denton	22	1940CST			0	0	0	0	Hail (1.50)
Lancaster Near Van Dorn & Hwy 77	22	1945CST			0	0	0	0	Hail (2.50)
Grant County 17 S Ashby	22	1950CST			0	0	0	0	Hail (1.00)
Arthur County 22	22	2050CST			0	0	0	0	Thunderstorm Winds (G60)
									Thunderstorm winds knocked down some trees and brought large branches down.
Lincoln County 10 NW North Platte	22	2155CST			0	0	0	10K	Thunderstorm Winds (G60)
Jefferson 8 W Fairbury	22	2200CST			0	0	0	0	Thunderstorm Winds (G52)
Keith County 7 NW Kingsley Dam	23	1622CST			0	0	0	0	Hail (1.00)
9 NW Keystone	23	1645CST			0	0	0	0	Hail (0.75)
Gage County Beatrice	23	2200CST			0	0	10K	0	Lightning
Beatrice	23	2200CST			0	0	0	3K	Hvy Rain
Douglas County 30th & Fort	24	1532CST			0	0	0	0	Thunderstorm Winds (G50)
Eppley Airfield	24	1537CST			0	0	0	0	Hail (0.75)
1480 Downtown	24	1545CST			0	0	300K	0	Hail (1.75)
Colfax County Schuyler	24	1545CST			0	0	0	0	Hail (0.75)
Custer County 7 W Sargent	24	1549CST			0	0	0	0	Hail (0.75)
Douglas County 35th & Charles	24	1552CST			0	0	0	0	Hail (1.00)
52nd & Kansas	24	1609CST			0	0	0	0	Thunderstorm Winds (G56)
Near Florence	24	1610CST			0	0	0	0	Hvy Rain
									Water four feet deep in street.
Deuel County 14 NW Chappel	24	1630CST			0	0	0	0	Hail (0.75)
Sarpy County	24	1730CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

July 1995

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

Cass County									
Beaver Lake	24	1830CST-			0	0	0	0	Thunderstorm Winds (G52)
	24	1900CST			0	0	0	0	
Plattsmouth	24	1830CST			0	0	110K	1M	Hail (1.75)

A small section of Cass County received significant crop damage due to hail. Marble to golf ball-size hail completely destroyed 500 to 1,000 acres of corn and soybeans, and partially destroyed another 1,000 acres. The Buccaneer Bay golf course received \$10,000 damage to its greens and there was considerable damage to area roofs.

Custer County									
3 E Callaway	24	1857CST			0	0	0	0	Hail (0.75)
7 NE Callaway	24	1900CST			0	0	0	0	Hail (1.75)
Johnson County									
7 1/2 SW Tecumseh	31	1415CST			0	0	2K	0	Thunderstorm Winds (G52)

Pieces of metal were blown off a steel building and door was blown in. A few tree limbs blown down.

NEBRASKA, Central

Chase Co									
10W Imperial	02	1815CST			0	0	0	0	Hail 100
Frontier Co									
15SE Stockville	03	1950CST			0	0	0	80K	Thunderstorm Winds G60

Wind driven pea size hail stripped corn completely.

Chase Co									
11NE Imperial	14	1900CST			0	0	0	0	Hail 175
2N Lamar	14	1900CST			0	0	0	0	Hail 250
12N Wauneta	14	1930CST			0	0	0	100K	Hail 275
Hayes Co									
20W Hayes Center	14	1945CST			0	0	0	80K	Hail 300
Chase Co									
15W Imperial	14	1950CST			0	0	0	0	Hail 150
2W Imperial	14	2145CST			0	0	1K	0	Thunderstorm Wind G60
3W Imperial	14	2245CST			0	0	10K	0	Hail 175

Thunderstorm winds and golfball hail knocked down trees destroyed a hog shed and blew the roof off a trailer home.

Chase Co									
10SW Imperial	16	1435CST			0	0	0	0	Hail 88
Lincoln Co									
Sutherland	19	1258CST			0	0	0	0	Hail 75
Keith Co									
8S Ogallala	20	1645CST			0	0	0	0	Hail 75
Perkins Co									
8NW Grant	20	1655CST			0	0	0	0	Hail 100
Lincoln Co									
9NW Hershey	20	1715CST			0	0	0	10K	Hail 125
Perkins Co									
6WSW Grant	20	1743CST			0	0	0	10K	Hail 200
Chase Co									
7NE Imperial	20	1812CST			0	0	0	0	Hail 175
5S	20	1830CST			0	0	0	0	Hail 75
Lincoln Co									
13N North Platte	21	1829CST			0	0	0	0	Hail 75
15NE North Platte	21	1900CST			0	0	0	10K	Thunderstorm Wind G60

Thunderstorm winds caused damage to crops and downed several large trees.

Custer Co									
Arnold	21	1910CST			0	0	0	0	Hail 75
Grant Co									
17S Ashby	22	1950CST			0	0	0	0	Hail 100
Arthur Co									
15SE Arthur	22	2050CST			0	0	0	0	Thunderstorm Wind G60
Lincoln Co									
10NW North Platte	22	2155CST			0	0	0	10K	Thunderstorm Winds G60
Keith Co									
7NW Kingsley Dam	23	1622CST			0	0	0	0	Hail 100

NEBRASKA, Central Cont'd

9NW Keystone	23	1645CST			0	0	0	0	Hail 75
Custer Co									
7W Sargent	24	1549CST			0	0	0	0	Hail 75

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Deuel Co 14NW Chappel	24	1630CST			0	0	0	0	Hail 75
Custer Co 3E Callaway	24	1857CST			0	0	0	0	Hail 75
7NE Callaway	24	1900CST			0	0	0	0	Hail 175
NEBRASKA, South Central									
NEZ060>063- 072>074	01 12	0000CST- 1400CST			0	0	0	10K	Flood
The Platte River started July less than a foot above floodstage and slowly fell during the first several days of the month. The river finally dropped below flood stage at Kearney on the 4th, near Grand Island on the 8th and at Cozad on the 12th.									
Harlan County 3 SW Republican City	03	1635CST			0	0	0	10K	Hail (2.75)
5 E Alma	03	1651CST			0	0	0	5K	Hail (1.75)
7 S Alma	03	1732CST			0	0	0	10K	Hail (2.75)
Kearney County 5 N Minden	03	1715CST			0	0	0	0	Hail (0.75)
Buffalo County 1 SE Kearney	03	1735CST			0	0	0	0	Hail (1.00)
Kearney	03	1800CST			0	0	10K	0	Lightning
Kearney	03	1802CST			0	0	0	0	Hail (1.75)
Furnas County 2 S Edison	03	1850CST			0	0	0	5K	Hail (1.75)
Buffalo County Riverdale	03	2035CST			0	0	0	5K	Hail (1.75)
Amherst	03	2050CST			0	0	0	10K	Hail (1.75)
Phelps County Funknown	03	2050CST			0	0	0	0	Hail (0.75)
Dawson County 5 E Lexington	03	2100CST			0	0	15K	0	Thunderstorm Winds (G65)
Kearney County 5 S Kearney	03	2110CST			0	0	0	5K	Hail (1.75)
Webster County Inavale	03	2115CST			0	0	5K	0	Lightning
Red Cloud	03	2115CST			0	0	8K	0	Thunderstorm Winds (G56)
Blue Hill	03	2130CST			0	0	50K	0	Thunderstorm Winds (G65)
Nuckolls County Superior	03	2130CST			0	0	0	5K	Hail (1.50)
Nelson	03	2200CST			0	0	0	0	Hail (0.75)
Adams County Ayr	03	2143CST			0	0	35K	0	Thunderstorm Winds (G56)
Thunderstorms moved northward across south central Nebraska. Large hail up to the size of baseballs damaged crops. Thunderstorm winds up to 75 mph were also reported. At Ayr, thunderstorm winds blew down power lines and outbuildings. Also a tree was blown down on top of a pickup truck. At Blue Hill, thunderstorm winds dropped several trees, one of which fell on several vehicles, while another fell on the roof of a home. The winds swept away a corncob and several cattle pens, and caused roof damage to several buildings while flying debris broke numerous windows. Thunderstorm winds removed a roof from a hog shed and snapped several trees east of Lexington. Thunderstorm winds also damaged trees at Red Cloud, and a large window was blown out of a local business. Lightning strikes caused two separate fires, one near Inavale and another in Kearney.									
Furnas County 1 NE Arapahoe	04	1517CST			0	0	0	0	Funnel Cloud
Holbrook	04	1530CST			0	0	0	0	Hail (0.75)
Greeley County 5 SW Spalding	08	0831CST			0	0	0	0	Hail (1.25)
Hamilton County 4 S Hordville	14	1600CST			0	0	15K	25K	Thunderstorm Winds (G50)
Marquette	14	1630CST			0	0	10K	25K	Thunderstorm Winds (G50)
Thunderstorms remained nearly stationary over northeast Hamilton County for three hours. Winds occasionally gusted to nearly 60 mph. The winds damaged three hogshelters south of Hordville and two more at Marquette. A tree and two power poles were snapped. The wind, in combination with small hail and extremely heavy rain, caused damage to the corn and soybean crops. Rainfall totaled seven inches, resulting in lowland flooding.									
Phelps County Loomis	14	1918CST			0	0	1K	0	Thunderstorm Winds (G50)
1 W Loomis	14	1921CST			0	0	10K	10K	Thunderstorm Winds (G56)
NEBRASKA, South Central Cont'd									
Sherman County Hazard	14	1923CST			0	0	5H	0	Thunderstorm Winds (G50)
Thunderstorm winds downed a tree in Loomis and blew down large tree limbs at Hazard. Just west of Loomis, thunderstorm winds damaged a grain bin, a barn and another outbuilding and also flipped over a hay trailer. Heavy rain and small hail combined with the wind to damage the corn crop.									
Dawson County 4 N Gothenburg	19	1400CST			0	0	0	125K	Thunderstorm Winds (G52)
Small hail, driven by thunderstorm winds gusting up to 60 mph, damaged corn, soybean and sunflower crops.									
Greeley County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
2 E Greeley	22	1756CST			0	0	0	0	Hail (0.75)
Wolbach	22	1815CST			0	0	10K	6.7M	Hail (1.75)
Wolbach	22	1815CST			0	0	40K	0	Thunderstorm Winds (G56)
Howard County									
11 N Saint Paul	22	1820CST			0	0	100K	750K	Hail (2.75)
7 N Saint Paul	22	1825CST			0	0	0	750K	Hail (1.75)
7 N Saint Paul	22	1825CST			0	0	75K	0	Thunderstorm Winds (G52)
1 W Dannebrog	22	1830CST			0	0	0	750K	Hail (1.50)
1 W Dannebrog	22	1830CST			0	0	75K	0	Thunderstorm Winds (G52)
Hall County									
3 SE Cairo	22	1900CST			0	0	50K	2.2M	Hail (1.75)
1 W Grand Island	22	1917CST			0	0	50K	2.1M	Hail (1.75)
Hamilton County									
2 W Giltner	22	1945CST			0	0	10K	675K	Hail (1.75)
Adams County									
Hastings	22	1958CST			0	0	5K	50K	Hail (1.50)
Clay County									
1 W Harvard	22	2015CST			0	0	0	50K	Hail (1.75)
6 SE Clay Center	22	2024CST			0	0	0	50K	Hail (1.75)
Nuckolls County									
1 E Oak	22	2045CST			0	0	5K	75K	Hail (2.00)
Thayer County									
5 S Davenport	22	2050CST			0	0	5K	100K	Hail (1.75)
Hebron	22	2110CST			0	0	50K	0	Thunderstorm Winds (G56)
Hebron	22	2110CST			0	0	0	100K	Hail (1.00)
Gilead	22	2130CST			0	0	5K	50K	Hail (1.75)

Thunderstorms producing tremendous amounts of large hail, driven by winds up to 65 mph, destroyed millions of dollars worth of crops. One storm tracked from the northwest to the south central part of Greeley County into north central Howard County. Another thunderstorm tracked from west central Howard County across Hall County and into western Hamilton County. The hail in Greeley County was reported as "blizzardlike" and many areas still had hail on the ground the next morning. Across the four counties, 57,000 acres of corn and 6,000 acres of soybeans were damaged. Near Wolbach, homes suffered roof and window damage, a barn was blown down, plastic irrigation pipes were penetrated by the hail, center pivot irrigation systems were knocked over, and several vehicles were dented and had windshields broken. In Howard County, 40 buildings were damaged. In Grand Island, tents were blown over at the Ethnic Festival. Thunderstorms also tracked farther southeast, continuing to damage crops and trees. In Hebron thunderstorm winds damaged a grain bin, a satellite dish and the roofs of several homes. In addition, a golf cart shed was destroyed.

Merrick County									
1 W Clarks	23	1705CST			0	0	0	10K	Hail (0.75)
Hamilton County									
6 S Clarks	23	1717CST			0	0	0	10K	Hail (0.75)
Polk County									
4 N Polk	23	1730CST			0	0	0	10K	Hail (0.75)

Large hail, driven by thunderstorm winds of 50 mph, damaged crops in a one mile wide swath from west of Clarks to north of Polk.

Valley County									
Arcadia	24	1631CST			0	0	5K	250K	Hail (0.75)
Sherman County									
6 N Loup City	24	1702CST			0	0	2K	350K	Thunderstorm Winds (G52)
Loup City	24	1705CST			0	0	5K	200K	Hail (0.75)
1 S Ashton	24	1722CST			0	0	2K	0	Thunderstorm Winds (G56)
1 S Ashton	24	1722CST	0		0	0	350K	0	Hail (0.75)
Howard County									
Dannebrog	24	1744CST			0	0	2K	150K	Hail (0.75)
2 SW St Libory	24	1820CST			0	0	0	50K	Hail (0.75)
Hall County									
3 NE Grand Island	24	1823CST			0	0	0	10K	Hail (0.75)
Hamilton County									
2 E Phillips	24	1845CST			0	0	0	10K	Hail (0.75)
Marquette	24	1900CST			0	1	0	0	Lightning

Severe thunderstorms moved southeast across central Nebraska. Hardest hit were Valley and Sherman Counties where wind gusts to 65 mph and three-quarters inch hail inflicted tree and roof damage. The storms also damaged crops, finishing off some fields which were damaged two days earlier. In Marquette, a man suffered minor injuries when he was struck by

NEBRASKA, South Central Cont'd

lightning as he was closing his garage door.

NEBRASKA, Extreme Southwest

Dundy County									
11 N Benkelman	16	1505CST			0	0	?	?	Hail (0.88)
Dundy County									
15 N Haigler	17	1705CST			0	0	?	?	Hail (1.00)

NEBRASKA, Western

Scotts Bluff County 07	2000MST				0	0	0	0	Funnel Cloud
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A funnel cloud was sighted near Lake Minatare.

Cheyenne County	09	1655MST-							
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Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
	09	1659MST			0	0	0	0	Funnel Cloud
	A funnel cloud was sighted just north of Potter.								
Banner County Harrisburg	10	1600MST			0	0	0	0	Thunderstorm Winds (G50)
Dawes County Chadron	13	1607MST			0	0	0	0	Thunderstorm Winds (G55)
Kimball County Cheyenne County	14	1755MST			0	0	0	30K	Heavy Rain
	14	2030MST			0	0	0	0	Hail
	Up to four inches of rain fell in eastern Kimball County and western Cheyenne County. The rain caused the temporary closure of a county road due to a washout. Just to the south of Potter, 20 to 30 percent of the crops were damaged by hail.								
Scotts Bluff County	14	1800MST			0	0	0	0	Funnel Clouds
		1810MST			0	0	0	0	Funnel Clouds
	Several funnel clouds were observed in southern Scotts Bluff County.								
Cheyenne County 7W Dalton	17	1257MST			0	0	0	600K	Hail (1.00)
17NW Sidney	17	1322MST			0	0	0	0	Funnel Cloud
Gurley	17	1330MST			0	0	0	600K	Hail(0.75)
5S Gurley	17	1345MST			0	0	0	600K	Hail(0.75)
10NW Sidney	17	1355MST			0	0	0	600K	Hail(1.75)
Sidney	17	1428MST			0	0	0	0	Hail (1.00)
10S Sunol	17	1430MST			0	0	0	0	Tornado (F0)
	Severe thunderstorms moved southeast through Cheyenne County during the afternoon. Hail from the thunderstorms destroyed or damaged 55,615 acres of cropland, causing millions of dollars in losses. The worst damage was in the northwest part of the county as well as just southeast of Sidney. One area of hail began nine miles west of Dalton and cut a two mile wide path for eight to ten miles. Also, A brief tornado was observed near the state line, 10 miles south of Sunol.								
Dawes County	21	1435MST			0	0	0	0	Lightning
	Lightning started a fire near Chadron.								
Dawes County Box Butte County	22	1700MST			0	0	5K	170K	Hail (1.75)
	22	1720MST			0	0	5K	170K	Hail (1.75)
	Up to one and three-quarter diameter hail fell in a 16 mile long path from one mile northwest of Box Butte Reservoir to 5 miles east of Alliance. The width of the hail swath was four to five miles wide. The hail severely damaged 11,000 acres of crops in the hail swath. In addition, some vehicles and buildings were damaged.								
Scotts Bluff County	24	1355MST			0	0	0	0	Funnel Cloud
	A funnel cloud was sighted 7 miles south of Scottsbluff.								
Box Butte County	24	1355MST			0	0	0	0	Funnel Cloud
	A funnel cloud was observed eight miles southwest of Alliance.								
Cheyenne County	30	1600MST			0	0	0	0	Heavy Rain
		1710MST			0	0	0	0	Heavy Rain
	Heavy rains caused street flooding in Sidney.								
NEVADA									
NVZ002-003-004 Central Sierra, East Slopes, Extreme Western Nevada, West Central Nevada									
	01				0	0	500k	6M	Flood
	21	1030PDT			0	0	500k	6M	Flood
	A huge snowpack and warm temperatures during late June and early July led to unprecedented snowmelt flooding in the Walker River and Mono Lake drainages. Small streams in the headwaters of these basins in both Lyon County, Nevada and Mono County California caused significant flooding of homes, roads and campgrounds beginning in late June. A flood								

NEVADA Cont'd

warning was in effect for these streams between July 9th and 12th. The West Walker River above Topaz Lake in Mono County California rose above flood stage on June 25th and crested one foot above flood stage on July 9th, the highest stage recorded there since December 1937. Flood warnings for this portion of the river were in effect from June 25th through July 12th. The river caused significant flooding of lowlands and agricultural lands in this area, which included the towns of Walker, Coleville and Topaz, California. Due to the high inflows, Topaz lake filled July 6th. As outflow capacity from the lake is severely limited, it was feared that the lake would rise to dangerous levels. So, levees there were breached, causing the entire flow of the West Walker to flow around Topaz Lake. This prompted issuance of a flood warning for this reach of the west Walker in Lyon County Nevada which continued in effect through July 16th. Moderate to major flooding occurred near the towns of Smith and Wellington in Lyon County Nevada during this period. No warnings were issued for the East Walker River. However, moderate lowland flooding of rural roads and pasturelands occurred from late June through mid-July both above and below Bridgeport reservoir in Mono County California. A flood warning for the mainstem of the Walker River was issued on June 29th when the river went above the unofficial 7-foot flood level at Yerington. It remained above flood level in the Mason Valley through July 20th when it fell below the unofficial flood level of nine feet at Wabuska. The river crested over two feet above flood level on the 12th at Yerington, and 1.8 feet above flood level at Wabuska on the 13th. Unofficially, these were the highest stages and flows recorded on the Walker River since records began in 1902, exceeding the old record set in July 1906. The flooding on the mainstem Walker was the most extensive in history, causing \$6 million in crop losses in Lyon County with an estimated 6,000 acres of agricultural land flooded. Bank erosion was extensive along the river and many levees failed, adding to the area flooded. There was about \$250 thousand dollars damage to homes, businesses, roads and bridges in Lyon County. Seventeen homes were damaged by flooding in the Yerington/Mason area, with many more surrounded by water but protected by sandbags. Many roads were washed out by the flood waters leaving areas inaccessible throughout the month of July.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NVZ004-005 West Central Nevada Northwest Nevada	01 05	2045PDT			0	0	1k	?	Flood
									Snowmelt flooding along the Humboldt River continued from June into July. The river finally fell below the flood stage of 19 feet at Winnemucca on July 1st, but minor to moderate flooding of lowlands and agricultural lands continued in southeastern Humboldt County into the middle of the month. Minor lowland flooding also occurred in Pershing County above Rye Patch reservoir.
NVZ002-003-004 Central Sierra East Slopes, Extreme Western Nevada, West Central Nevada	01 17	1045PDT			0	0	61k	?	Flood
									Increased releases from Lahontan dam led to lowland flooding in the Fallon area. Releases were increased from the dam to accommodate the heavy spring snowmelt runoff that caused extensive flooding across the area. The Fallon area experienced flooding of agricultural lands, lowlands and homes.
NVZ009 Extreme Southern Nevada	01	1200			2	0	0	0	Heat
									A young couple died of over-exposure to the heat and dehydration after their vehicle became stranded on a seldom used dirt road. The exact date and time of deaths are unknown as the bodies were not found until July 16th.
NVZ003 Extreme Western Nevada	01 01	1430PDT- 1500PDT			0	0	?	0	Flash Flooding
									Strong thunderstorms in the Palomino Valley and Spanish Springs area dumped 0.20 inches of rain in five minutes and 0.40 inches in 30 minutes with pea to marble-size hail. Another storm dumped 0.27 inches of rain in 15 minutes along Mount Rose Highway. Several roads were flooded with the heavy rains.
NVZ009 Extreme Southern Nevada	08	1420PDT			0	0	3k	0	Thunderstorm Winds
									A sudden microburst wind gust uprooted a number of large trees and blew down several road signs.
NVZ006 Northeast Nevada	10 10	1700PDT- 1830PDT			0	0	?	?	Thunderstorm Winds (G75)
									A wind gust of 75 kts (86 mph) was reported at the Federal Aviation Administration tower in Elko during a thunderstorm. Half-inch hail also fell in this storm. Storm damage included windows blown out in rental cars at the Elko Airport, large tree limbs blown off trees, some billboards blown over and road signs tilted along the Mountain City Highway. The storm also caused widespread power outages.
NVZ005 Northwest Nevada	12	0830PDT			0	0	?	0	Hail (1.00)
									A spotter near Orovada reported one-inch hail which killed several birds and damaged some roofs.
NVZ001-003 Truckee-Lake Tahoe Area, Extreme Western Nevada	18 18	1815PDT- 2030PDT			0	0	?	0	Flash Flooding
									Strong thunderstorms developed in a moist, unstable airmass over northern portions of Nevada. A thunderstorm dumped up to one inch of rain over northwest Reno in a 10 minute period, causing local street flooding. Remote sensors at Kings Canyon west of Carson City measured a quarter-inch of rain in a 20 minute period.
NEVADA Cont'd									
NVZ003 Extreme Western Nevada	20 20	1300PDT- 1925PDT			0	0	?	0	Flash Flood
									Heavy rain fell from thunderstorms in central Washoe County. Around 1300, an off-duty weather service employee reported 0.43 inches of rain in 45 minutes with pea-size hail from a thunderstorm near Spanish Springs. Later in the evening, another heavy thunderstorm dumped 0.83 inches of rain in a half hour in the Palomino Valley. The resulting flooding prompted the issuance of a flash flood warning for this area.
NVZ006 Northeast Nevada	21	2010PDT			0	0	?	0	Thunderstorm Winds (G50)
									Off duty meteorologists reported a microburst with wind gusts estimated at about 60 mph near Spring Creek. The winds damaged some roofs and car windows. Blowing dust also reduced visibilities to near zero, causing some accidents.
NVZ003-004-005 006-007-008 Extreme Western Nevada, West Central Nevada, Northwest Nevada, Northeast Nevada, East Central Nevada, South Central Nevada	29 29	1520PDT- 2000PDT			0	0	?	0	High Winds
									A strong cold front pushed across the Silver State and brought gusty winds, prompting wind advisories. An observer at Wildhorse reported a gusts to 60 mph and 70 mph at 1455 and 800, respectively. Other reports included 70 mph at Elko at 1540 PM, and 61 mph at Ely around 1900. The winds at Ely blew hangar doors onto a small plane at the Ely Airport, causing serious damage to the plane. The airport also had wind damage. At Winnemucca the winds broke tree limbs and caused damage to roofs.
NVZ009 Extreme Southern									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Nevada	30	1847PDT			0	0	0	0	Thunderstorm Winds (G60) A dry microburst wind gust was reported by a spotter.
NEW HAMPSHIRE									
Hillsborough County Hudson	01	1515EST			0	0	?	0	Thunderstorm Winds Winds uprooted two willow trees on a golf course.
Grafton County Thornton	02	1430EST			0	0	?	0	Thunderstorm Winds Several rows of trees were blown down.
Merrimack County Concord	08	1515EST			0	0	?	0	Thunderstorm Winds Several trees were blown down in the Concord area.
Sullivan County	15	0640EST			0	0	?	0	Thunderstorm Winds Numerous trees and power lines were downed by wind in and around Charlestown, Newport, and Grantham.
Cheshire County	15	0640EST			0	0	?	0	Thunderstorm Winds Several large trees were downed by wind in and near Chesterfield, Stoddard, and Alstead.
Merrimack County	15	0715EST			0	0	?	0	Thunderstorm Winds Wind downed several large trees in Dunbarton and Webster. A large tree was blown down on a mobile home in Concord.
Belknap County	15	0730EST			0	0	?	0	Thunderstorm Winds A few trees were downed in Belmont and Tilton.
Rockingham County	15	0745EST			0	0	?	0	Thunderstorm Winds Several large tree were blown down in Kensington, Epping, Raymond and Hampstead.
Strafford County	15	0747EST			0	0	?	0	Thunderstorm Winds Several large trees were downed by wind in Strafford, Milton, and New Durham.
Grafton County Sullivan County	16	0700EST			0	0	?	0	Thunderstorm Winds Trees were downed in the Lyme-Grantham area.
Belknap County 5 W Meredith	23	1839EST	0.5	50	0	0	?	0	Tornado (F1) A small tornado moved through the New Hampton community, damaging several buildings and uprooting and tossing about many trees. Roof debris was carried one-quarter mile. (Investigated and confirmed by WCM).
Sullivan County Claremont Unity	26	1125EST			0	0	?	0	Thunderstorm Winds
	26	1155EST			0	0	?	0	Thunderstorm Winds High winds downed trees and power lines.
Merrimack County Bradford	26	1400EST			0	0	200K	0	Lightning Lightning and resulting fire destroyed a 200-year-old farmhouse.
NEW HAMPSHIRE Cont'd									
Rockingham County Derry	26	2130EST			0	0	500K	0	Lightning A lightning strike and resulting blaze destroyed the Knights of Columbus hall.
Hillsborough County Antrim	28	1730EST			0	0	?	0	Thunderstorm Winds Thunderstorm winds downed trees and power lines.
Cheshire County Marlow	28	2100EST			0	0	?	0	Thunderstorm Winds
	28	2100EST			0	0	55K	0	Flash flood
Swanzy	28	2100EST			0	0	30K	0	Flash flood
Sullivan County Washington	28	2100EST			0	0	25K	0	Flash flood
									Slow-moving thunderstorms developed over southwestern New Hampshire near a quasi-stationary front. Flash floods resulted, causing approximately \$110 thousand in damage, mainly due to road washouts. The hardest hit town was Marlow, where five and one-quarter inches of rain fell in 90 minutes. Some residents had to be evacuated as the Ashuelot River overflowed its banks, submerging parts of Route 10 under six feet of water. High thunderstorm winds downed trees and power lines in this community. Flash flooding also occurred in the towns of Swanzy and Washington.
NEW JERSEY, Northeast									
Union County East Portion	01	1700EST			0	0	?	0	Flash Flood
Passaic County	01	1930EST			0	0	?	0	Flash Flood
									Showers and thunderstorms developed ahead of a cold front. Between three and six inches of rain fell across the area. Several people had to be rescued from their cars when they stalled at flooded under-passes. Several roadways were eventually closed due to flooding.
Passaic County Wayne	11	0200EST			0	0	?	0	Lightning Lightning caused a fire that heavily damaged a house.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm	
					Killed	Injured			
Union County Plainfield	11	2030EST			0	0	?	0	Hail (1.50) Severe thunderstorms produced some large hail as it moved across the southwestern portion of the county.
Hudson County Kearny	17	2145EST			0	0	?	0	Lightning A house sustained major damage after lightning caused a fire.
Bergen County Essex County Hudson County Union County	17- 18	2230EST- 0200EST			0	0	?	0	Flash Flood A rainfall of between two and four inches caused significant flooding across most of northeastern New Jersey. Many roadways were closed due to the extensive flooding.
Bergen County Englewood	23	1610EST			0	6	?	0	Lightning
Bergen County Hasbrouck Hgts. Lodi	23	1610EST			0	0	?	0	Thunderstorm Winds
Bergen County Garfield	23	1640EST			0	0	?	0	Flash Flood Thunderstorms moving across the county downed trees and power lines. Heavy rains caused significant street and highway flooding. A woman had to be rescued from her car that stalled in the high waters. Six people were struck by lightning as they were standing under a tree during the passing of a thunderstorm.
Passaic County Wayne	26	1135EST			0	0	?	0	Thunderstorm Winds
Bergen County Haworth	26	1500EST			0	0	?	0	Thunderstorm Winds Thunderstorms downed numerous trees and power lines.
NEW JERSEY, Northwest and Southern									
Middlesex County Northern	01 02	2330EST- 0100EST			0	0	?	?	Flood/Flash Flood Thunderstorms with heavy rain caused flooding in northern Middlesex County. People had to be rescued from their cars at the intersection of Interstate 287 and U.S. Route 9 just west of Perth Amboy.
Warren County West Central	11	0010EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm uprooted a couple of trees within Liberty and in White Township.
NEW JERSEY, Northwest and Southern Cont'd									
Hunterdon County Kingwood	11	0200EST			0	0	?	0	Lightning Lightning struck a home in Kingwood Township and ignited a fire along the exterior wall of the children's bedroom. The lightning extensively damaged the home's electrical system. No one was hurt. The lightning also caused about 700 Jersey Central Power and Light Customers to lose power.
Morris County Northwest Central	11 11 11	1930EST 1938EST- 1950EST			0	0	?	?	Hail (2.75) Hail (1.00) Golf ball to baseball-size hail fell in Jefferson and Rockaway Townships in northwest Morris County. The hail damaged vehicles and accumulated two inches deep on lawns. Penny to quarter-size hail fell elsewhere in the county in Denville, Dover and Parsippany.
NJZ015>022	13 18	0900EST- 2100EST			7	?	?	?	Heat Wave
NJZ009-010-012- 013	13 15	0900EST- 2300EST			1	?	?	?	Heat Wave
NJZ001-007-008- 023>026	14 15	0900EST- 2300EST			1	?	?	?	Excessive Heat An oppressive heat wave gripped most of New Jersey. It climaxed on the 15th as almost every location reported record breaking heat. The dew point temperatures, reached into the 80s across southern New Jersey, an almost unheard of phenomena. This, combining with sweltering temperatures produced an apparent temperature (Heat Index) of 115 degrees in Pomona (Atlantic County). The Heat Index peaked at 129 in Philadelphia. The heat wave was broken for the northern half of the state the night of the 15th as a backdoor cold front helped trigger a complex of severe thunderstorms. Relief for the southern half of the state had to wait for a second cold front to move through the evening of the 18th. Nine people died because of the heat. Heat related deaths were reported in Gloucester (2), Mercer (2), Middlesex (1), Ocean (3) and Sussex (1) Counties. Often the people who died were in poor health and had inadequate ventilation. Nevertheless, one person died in Gloucester County while working on a barge, while another died while hiking in Wawayanda State Park in Sussex County. Hospitals treated more than 100 persons for heat exhaustion. Record breaking high temperatures on the 15th included 104F in Newark, 103 F in East Millstone and Philadelphia, 101 F in Cape May, New Brunswick, Chatham, Mount Holly and Millville, 100 F in Pomona and Trenton, 98 F in Newton and 97 F in Wantage. The excessive heat caused record demand to be reached by the Pennsylvania-New Jersey-Maryland Interconnection Association on July 14th and almost every New Jersey Utility on the 15th. The heat also took its toll on poultry as a 20 percent drop in chicken egg production was caused by the excessive heat. (M49BO), (M59CA), (F90PH), (M78PH), (M79PH), (??OT), (??OT), (??OT), (??OT)

Warren County

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
Phillipsburg	16	0300EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm downed a few trees in Phillipsburg.
Salem County Countywide	16	0300EST-0315EST			0	0	?	?	Thunderstorm Winds (G85) A complex of severe thunderstorms caused widespread tree and power line damage in the county. A wind gust to 98 mph was measured in Pittsgrove. Wind damage started in the county in Elsinboro Township as measured 70 mph gusts snapped trees and damaged the roof of a golf course's club house. In Pennsville Township boats were pulled from their dock. The roof of the Anchor Glass Company was torn off. In Pilesgrove Township a clothing store sign was blown away, another store's roof was torn off and there was a trail of uprooted trees along U.S. Route 40. Houses damaged by fallen trees occurred in Pilesgrove, Quinton and Upper Pittsgrove Townships.
Gloucester County Eastern	16	0315EST-0330EST			0	0	?	?	Thunderstorm Winds (G50) A complex of severe thunderstorms caused considerable tree and wire damage mainly in Clayton, Elk, Monroe and Washington Townships. A SKYWARN observer in Williamstown recorded a wind gust to 58 mph.
Cumberland County Bridgeton	16	0315EST	0.8	440	0	0	?	?	Tornado (F1)
County Wide	16	0315EST-0335EST			0	0	?	?	Thunderstorm Winds An F1 tornado touched down in the Broad Street area near the Bridgeton Middle School in the western Bridgeton. Four foot wide trees were uprooted and twisted in its damage path. Several homes were damaged by fallen trees. Two electrical poles and one chimney showed signs of twisting. Blowing debris punched a hole in the roof of a Broad Street Seven-Eleven. No injuries were reported. The tornado lifted before reaching deeper into downtown Bridgeton. The same complex of severe thunderstorms that spawned this tornado also caused sporadic reports of downed trees and power lines throughout the county. Fallen trees damaged two cars in Vineland. About 35,000 Atlantic Electric Company customers in Cumberland and Cape May Counties lost power. About 1,000 customers were still powerless Monday (17th) morning. It took until Tuesday (18th) to restore power to the last 200 to 300 customers.
Cape May County County Wide Stone Harbor	16	0345EST-0400EST			0	0	?	?	Thunderstorm Winds
	16	0400EST	0.2	67	0	0	?	?	Tornado/Waterspout (F1) The complex of severe thunderstorms, which produced wind damage from the Lower Susquehanna Valley southeast through southern Pennsylvania and New Jersey, fired one last salvo at Cape May County before heading offshore. The thunderstorms produced isolated reports of uprooted trees throughout the county. Two roofs were torn off. One damaged a car. The worst damage occurred in Stone Harbor. An F1 tornado/waterspout touched down in Paradise Bay and cut across Paradise Drive in a northwest to southeast direction before lifting. Damage occurred to the bay side facing parts of four houses. An upstairs addition of one house was badly damaged. Windows were blown in on the north facing and blown out on the west facing
NEW JERSEY, Northwest and Southern Cont'd									
									side. In one instance a step ladder was blown through a window and came to rest against a neighbor's house. Patio furniture was blown around. One family never found theirs. No injuries were reported.
Somerset County 3 E Millstone	17	1930EST			0	0	?	?	Thunderstorm Winds A thunderstorm with damaging winds downed trees in Franklin.
Hunterdon County Northern	18	0000EST-0100EST			0	0	?	?	Flood/Flash Flood Thunderstorms with heavy rain dropped nearly three inches of rain (2.83" measured in Lebanon.) across northern Hunterdon County. The South Bidge River overflowed and caused the collapse of a house foundation in Lebanon. In Clinton Township, houses were flooded on Round Top Drive.
Atlantic County Somers Point 1 W Longport	21	1200EST			0	0	0	0	Funnel Cloud Waterspout A funnel cloud was reported over Somers Point. It did not touch down within the township. The funnel cloud did briefly touchdown and became a waterspout between Somers Point and Longport in the Great Egg Harbor Inlet. The waterspout lifted before heading east over Longport. No boating damage or injuries were reported.
	21	1205EST			0	0	?	0	
Camden County Runnemede	22	1530EST			0	5	0	0	Lightning Lightning caused five injuries when it struck and traveled down a tree at an outdoor party. Two men suffered serious injuries, while three others, including an 11-year-old boy, were treated and released from a local hospital.
Gloucester County Northeast	22	1530EST-1540EST			0	0	?	?	Thunderstorm Winds
Deptford Franklinville	22	1530EST	0.8	50	0	0	?	?	Tornado (F0)
	22	1545EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm caused wind damage in the northeast part of Gloucester County. The damage was exacerbated by a weak tornado (F0 on the Fujita Scale) in Deptford Township. The tornado touched down just east of New Jersey State Route 47 in the Southview Road (Near West Hampshire Road) Red Stone Ridge area. The tornado tore down large trees. One damaged a home. It also tore sections of roofs from several homes and knocked down one chimney. A mile stretch of New Jersey State Route 47 was blocked for several hours because of downed trees. Wind damage from severe thunderstorms also occurred in Mantua as up to two foot wide trees were uprooted. Uprooted trees also occurred in Franklinville and Woodbury. In W&S Deptford straight line winds knocked over hundreds of trees and pulled a swim club roof off. A 40,000 gallon oil spill occurred in the Delaware River when the damaging winds disrupted an oil transfer from a tanker just off West Deptford's Coastal Eagle Point Refinery.
Camden County Mount Ephraim	22	1555EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms tore down numerous large limbs from trees in Mount Ephraim, Oaklyn and the Knight Park/W&S Collingswood Heights section of Collingswood.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NJZ015>022	23	0900EST-							
	05	2100EST			1	?	?	?	Heat Wave
NJZ009-010-011-012	25	0900EST-							
	05	2100EST			0	?	?	?	Heat Wave
Another long heat wave involved most of southern New Jersey for the last nine days of the month and most of central New Jersey for the last seven days in the month. The heat wave did not end until August 5th. Through the end of July, at least 24 heat related deaths occurred in the state of New Jersey. The Pennsylvania-New Jersey-Maryland Interconnection set an hourly usage record between 1500 and 1600 EST on July 25th of 46.07 million kilowatt hours. A middle-aged male died of heat stroke while golfing at the Ramblewood Country Club in Mount Laurel (Burlington County) on July 29th. (M?GF)									
Mercer County Hopewell	27	2245EST			0	0	?	?	Thunderstorm Winds Hail (1.75)
A severe thunderstorm inflicted considerable damage onto Hopewell Borough. Numerous trees were uprooted. The "strewn" trees caused considerable damage to cars and homes. At least a dozen cars were totaled. About 22,000 Jersey Central Power and Light Customers lost power.									
Middlesex County Woodbridge	28	0030EST-							
	28	0130EST			0	0	?	?	Flood/Flash Flood
Thunderstorms with heavy downpours forced the closure of U.S. Route 9 in Woodbridge. Cars were abandoned after they were submerged.									
Middlesex County Plainsboro	28	0200EST			0	0	?	0	Lightning
Lightning struck the roof of the Raven's Crest Apartments Complex in Plainsboro. The ensuing fire temporarily displaced six families at the complex.									
Monmouth County Hazlet	28	0215EST-							
	28	0315EST			0	0	?	?	Flood/Flash Flood
Thunderstorms with heavy rain forced the closure of both New Jersey State Routes 35 and 36 within Hazlet.									
NJZ001-007>010-012>026	month long				10	?	?	?	Unseasonably Warm
July 1995 was one of the most oppressive Julys on record. Near normal temperatures the first ten days of the month									
NEW JERSEY, Northwest and Southern Cont'd									
prevented it from being the hottest July on record. Nevertheless, the mean temperature of 81.5 degrees at Philadelphia International Airport and 79.5 degrees at Newark International Airport were the 2nd and 6th warmest Julys on record respectively. It was also the 7th warmest July (77.0 degrees) on record in Pomona (Atlantic County) and the 3rd warmest July on record (77.2 degrees) in Atlantic City. At least 24 heat related deaths occurred throughout the state of New Jersey during the month. Most major utilities set new demand records. The excessive heat also put a strain on livestock and agriculture (M49BO), (F90PH), (M59CA), (M78PH), (M79PH), (M?GF), (??OT), (??OT), (??OT), (??OT)									
NEW MEXICO, Central and Northern									
NMZ014-022-023-Southwestern NM	01				0	0	0	?	Wildfires
	20								
Up to 17 slow moving wildfires were recorded in the Gila National Forest. A few fires carried over from late June while most were started by lightning in early July. Gusty winds and hot, dry conditions helped fan the Bonner fire which consumed nearly 29,000 acres before it was confined at mid-month.									
Chaves County 17 S Roswell	01	1835MST-							
	01	1905MST			0	0	?	?	Hail (1.75)
Lincoln County Capitan	18	1125MST			0	3	0	0	Lightning
Three visitors at the Smokey Bear Gravesite State Park were struck by lightning and hospitalized overnight. A 46-year-old male had to be revived by an emergency medical technician who happened to be on-site. A 43-year-old female and 13-year-old male suffered minor burns.									
NMZALL-	22	1300MST-							
	29	2000MST			0	0	0	0	Extreme Heat
An unusual hot and dry July across the state was punctuated by daily record high temperatures across central and northern counties and an extended heat wave in the south. Records for both afternoon high temperatures and warmest overnight low readings were tied on several days at Albuquerque, while Santa Fe set a 128 year record with a high of 102 degrees on the 28th. Roswell scorched at 111 degrees on the 27th near the end of a consecutive eight day stretch when the daily high reached or exceeded 100 degrees.									
Bernalillo County Albuquerque	29	1918MST			0	0	0	0	Thunderstorm Wind (G52)
Rio Arriba County 21 WNW Dulce	29	2015MST			0	0	20K	0	High Wind
A small microburst wind overturned several campers and ripped away awnings at the Miller Mesa Campground on the eastern shore of Navajo Lake. No thunder or rain was observed at the time and damage was contained to a small path less than 100 feet.									
NEW MEXICO, Southeast									
Eddy County 15 NW Artesia	01	1858MST	?	?	0	0	0	0	Tornado (F0)
7 NW Artesia	01	1913MST			0	0	10K	0	Thunderstorm Winds
5 N Artesia	01	1915MST			0	0	5K	0	Thunderstorm Winds
5 N Artesia	01	1915M:T			0	0	0	0	Hail (1.75)
6 NNW Artesia	01	1919MST	?	?	0	0	0	0	Tornado (F0)
4 ENE Artesia	01	1953MST			?	?	?	?	Funnel Clouds
A supercell thunderstorm with a well-defined wall cloud produced at least two brief tornadoes. Two barns lost their roofs due									

Storm Data and Unusual Weather Phenomena

July 1995

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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to strong winds. Numerous funnel clouds were also reported. Reports came from a SKYWARN Spotter.

NEW MEXICO, Southwestern

Otero County Alamogordo	27	1540MST			0	0	30K	0	High Wind
Dry microburst winds peeled roof sections off several large metal buildings. Gusts of 50 mph were measured at the nearby White Sands Regional Airport. No thunder or rain was reported.									

NEW YORK, Coastal

Orange County New Milford	01	1726EST			0	0	?	0	Thunderstorm Winds
Richmond County	01	1900EST			0	3	?	0	Flash Flood
Showers and thunderstorms developed ahead of a cold front. Considerable damage occurred in New Milford when strong winds downed numerous trees and power lines. Several homes were damaged. Heavy rain was responsible for significant flooding across Richmond county. Three people received minor injuries at a movie theater when ceiling tiles fell in response to standing water on the roof.									

Putnam County Kent Cliffs	11	1505EST			0	0	?	0	Hail (1.75)
Golf ball-size hail covered the ground and state route 301.									

Kings County	13-				7	0	0	0	Heat Wave
Queens County	31				5	0	0	0	
Bronx County					2	0	0	0	
A heat wave during the last couple weeks of July was responsible for several deaths. Hundreds more were treated for various problems related to the heat and high humidity. Temperatures soared to 90 degrees or higher on several of these days. On July 15 the mercury rose to a record high of 102 in Central Park.									

NEW YORK, Coastal Cont'd

Orange County Newburgh	15	0740EST			0	0	?	0	Thunderstorm Winds
Westchester County White Plains	15	0800EST			0	0	?	0	Thunderstorm Winds
Thunderstorms downed several trees and power lines.									

Bronx County	17	2300EST-			0	0	?	0	Flash Flood
Kings County	18	0300EST			0	0	?	0	Flash Flood
A rainfall of between two and four inches caused significant flooding across West Portion most of southeastern New York State. Many roadways were closed due to the extensive flooding.									

Westchester County Mt Vernon	23	1602EST			0	0	?	0	Lightning
Bronx County	23	1635EST			0	0	?	0	Flash Flood
Queens County College Point	23	1650EST			0	0	?	0	Flash Flood
Nassau County Westbury									
E. Meadow Hicksville									
N. Massapequa	23	1715EST			0	0	0	0	Thunderstorm Winds (G52)
Orange County Cornwall	23	1730EST			0	0	?	0	Thunderstorm Winds
Nassau County Plainview	23	1730EST			0	0	?	0	Flash Flood
Nassau County S. Farmingdale	23	1730EST- 1740EST	.25	130	0	0	?	0	Tornado (F1)
Suffolk County N. Babylon	23	1746EST	.10	35	0	0	500K	0	Tornado (F0)
Strong thunderstorms moving across southeastern New York caused a variety of severe weather. Lightning, winds and heavy rains caused significant problems across the region. The severe thunderstorms also spawned a couple of tornadoes over Long Island. The first tornado skipped through the town of South Farmingdale, downing hundreds of trees and power lines. Many homes and cars were damaged before the tornado lifted back into the clouds. About 20 minutes later another weaker tornado touched down briefly in the town of North Babylon. A few trees were downed and some roofs were damaged.									

Orange County Middletown	26	1230EST			0	0	?	0	Lightning
Westchester County Harrison									
Scarsdale									
White Plains	26	1300EST			0	0	?	0	Thunderstorm Winds
Westchester County Scarsdale	26	1300EST			0	0	?	0	Lightning
Westchester County	26	1339EST- 1740EST			0	0	?	?	Flash Flood

A tropical airmass across the region generated some heavy thunderstorms. One of these storms downed some trees across Westchester County and also caused some significant flooding problems as heavy rains were also generated. Lightning caused a blaze that heavily damaged the roof and top floor of a house in Scarsdale. Lightning also caused power outages in Orange County.

Orange County

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Middletown Orange County	27	1833EST			0	0	?	0	Thunderstorm Winds
Goshen Montgomery Putnam County	27	1920EST			0	0	?	0	Thunderstorm Winds
Mahopac Putnam County	27	1941EST			0	0	?	0	Thunderstorm Winds
Brewster Carmel Nassau County	27	2000EST			0	0	?	0	Thunderstorm Winds
Manhasset	27	2037EST			0	0	?	0	Thunderstorm Winds Thunderstorms downed numerous trees and power lines.
Kings County New York County	28	0230EST			0	0	?	0	Thunderstorm Winds
Governors Island	28	0230EST			0	0	0	0	Thunderstorm Winds (G51) Thunderstorms produced very strong winds across sections of New York City which downed several trees and power lines.
Orange County Goshen	28	1859EST			0	0	?	0	Thunderstorm Winds A thunderstorm downed some trees and power lines.
NEW YORK, Eastern									
Ulster County Countywide	01	1800EST			0	0	5K	0	Lightning Lightning from thunderstorms left dozens of households without power from Kerhonkson to Woodstock.
Oneida County Boonville	06	1425EST			0	0	1K	0	Thunderstorm Winds
Tioga County Candor	06	1500EST			0	0	2K	0	Thunderstorm Winds
Apalachin	06	1525EST			0	0	2K	0	Thunderstorm Winds
Cortland County Cortland	06	1530EST			0	0	5K	0	Thunderstorm Winds
Homer	06	1530EST			0	0	7K	0	Thunderstorm Winds
Oneida County Camden	06	1537EST			0	0	1K	0	Thunderstorm Winds
Countywide	06	1540EST- 1730EST			0	0	15K	0	Thunderstorm Winds
Broome County Whitney Point	06	1545EST			0	0	1K	0	Thunderstorm Winds
Cortland County McGraw	06	1545EST			0	0	2K	0	Thunderstorm Winds
Willet	06	1550EST			0	1	0	0	Lightning
Madison County Chittenango	06	1600EST			0	0	5K	0	Thunderstorm Winds
Chenango County Greene	06	1610EST			0	0	5K	0	Thunderstorm Winds
Broome County Chenango	06	1615EST			0	0	7K	0	Thunderstorm Winds
Chenango County Norwich	06	1625EST			0	0	5K	0	Thunderstorm Winds
Otsego County 3 E Hartwick	06	1700EST			0	0	4K	0	Thunderstorm Winds
Herkimer County Hinckley Reservoir	06	1710EST			0	0	5K	0	Thunderstorm Winds
Hamilton County Arieta	06	1815EST			0	0	1K	0	Thunderstorm Winds A line of severe thunderstorms moved across central and eastern New York well ahead of a cold front over the Ohio Valley. Hardest hit by the thunderstorms was Oneida County where numerous trees and power lines were knocked down. In the Town of Western the roof of a barn was removed by thunderstorm winds. In Cortland County, a mobile home was damaged near Homer when a tree fell on it; and a man was struck by lightning in McGraw when he found shelter from the storms under a tree.
Albany County Albany	08	1300EST			0	0	5K	0	Thunderstorm Winds An isolated severe thunderstorm over the City of Albany downed power lines across part of the city, leaving 300 customers without power.
Greene County Hunter	11	1325EST			0	0	0	0	Hail (1.00)
Haines Falls	11	1340EST			0	0	0	0	Hail (0.75)
Ulster County Woodstock	11	1350EST			0	0	0	0.1K	Hail (1.00)
West Hurley	11	1415EST			0	0	0	0	Hail (1.00)
Sullivan County Monticello	11	1600EST			0	0	0	0	Hail (0.75)
Rensselaer County Hoag Corners	11	1605EST			0	0	0	0	Hail (1.75) A cold front crossed Eastern New York producing severe thunderstorms across the southeast portion of the state. These thunderstorms produced large hail mainly across Greene and Ulster Counties.
St. Lawrence Valley	13	PM			0	0	0	0	Record Heat High pressure along the east coast of the United States resulted in record heat across the Saint Lawrence Valley on the afternoon of July 13th. The temperature at Massena reached 93 degrees which broke the previous record of 92 degrees set in 1987.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Cortland County									
Homer	13	2130EST			0	0	2K	1K	Hail (1.50)
Homer	13	2130EST			0	0	2K	0	Thunderstorm Winds
Oneida County									
Verona	13	2316EST			0	0	1K	0	Thunderstorm Winds
Vienna	13	2325EST			0	0	1K	0	Thunderstorm Winds
A couple of isolated severe thunderstorms developed over central New York producing hail and damaging thunderstorm winds across parts of Cortland and Oneida Counties.									
Areawide									
	14	PM			0	0	0	0	Record Heat
High pressure along the east coast of the United States resulted in record heat across much of eastern New York on the afternoon of July 14th. Albany reached 99 degrees which broke the previous record high of 97 degrees set in 1952. Binghamton reached 93 degrees which broke the previous record high of 92 degrees set in 1974.									
NEW YORK, Eastern Cont'd									
St. Lawrence County									
Edwardsville	15	0355EST			0	0	500K	0	Thunderstorm Winds
Gouverneur	15	0355EST			0	0	125K	0	Thunderstorm Winds
Fine	15	0405EST			0	0	125K	0	Thunderstorm Winds
Wanakena	15	0405EST			0	0	125K	0	Thunderstorm Winds
Star Lake	15	0405EST			0	0	125K	0	Thunderstorm Winds
Newton Falls	15	0405EST			0	0	125K	0	Thunderstorm Winds
Countywide	15	0405EST			0	0	34M	0	Thunderstorm Winds
Hamilton County									
Lake Lila	15	0415EST			1	1	100K	0	Thunderstorm Winds
Eighth Lake	15	0420EST			1	1	100K	0	Thunderstorm Winds
Long Lake	15	0420EST			0	0	500K	0	Thunderstorm Winds
North Lake	15	0420EST			0	1	100K	0	Thunderstorm Winds
Forked Lake	15	0425EST			0	1	100K	0	Thunderstorm Winds
Whitney Hdqrts	15	0425EST			0	0	100K	0	Thunderstorm Winds
Blue Mountain Lake	15	0425EST			0	0	250K	0	Thunderstorm Winds
Madison County									
Kirkville	15	0425EST			0	0	5K	0	Thunderstorm Winds
Oneida County									
Countywide	15	0425EST-			0	0	20M	0	Thunderstorm Winds
	15	0435EST			0	0			
Madison County									
Bridgeport	15	0430EST			0	0	7K	0	Thunderstorm Winds (G66)
Countywide	15	0430EST-			0	0	20K	5K	Thunderstorm Winds
	15	0530EST			0	0			
Hamilton County									
Indian Lake	15	0455EST			0	0	100K	0	Thunderstorm Winds
Countywide	15	0500EST			0	0	75M	0	Thunderstorm Winds
Herkimer County									
Little Falls	15	0500EST			0	0	50K	0	Thunderstorm Winds
Countywide	15	0500EST			0	0	10M	0	Thunderstorm Winds
Chenango County									
New Berlin	15	0505EST			0	0	5K	0	Thunderstorm Winds
Sherburne	15	0508EST			0	2	60K	0	Thunderstorm Winds
North Norwich	15	0508EST			0	0	30K	0	Thunderstorm Winds
Cortland County									
Cortland	15	0510EST			0	0	10K	0	Thunderstorm Winds
Cortlandville	15	0510EST			0	0	35K	0	Thunderstorm Winds
Essex County									
Minerva	15	0515EST			0	0	100K	0	Thunderstorm Winds
Olmstedville	15	0515EST			0	0	100K	0	Thunderstorm Winds
Otsego County									
Hartwick	15	0515EST			0	0	5K	0	Thunderstorm Winds
Cooperstown	15	0520EST			0	0	1K	0	Hail 0.75
Cooperstown	15	0520EST			0	0	10K	0	Thunderstorm Winds
Cortland County									
McGraw	15	0525EST			0	0	5K	0	Thunderstorm Winds
Otsego County									
Gilbertsville	15	0530EST			0	0	20K	0	Thunderstorm Winds
Essex County									
Ticonderoga	15	0530EST			0	0	100K	0	Thunderstorm Winds
Fulton County									
Gloversville	15	0530EST			0	0	100K	0	Thunderstorm Winds
Countywide	15	0530EST			0	0	500K	0	Thunderstorm Winds
Montgomery County									
Countywide	15	0530EST			0	0	500K	0	Thunderstorm Winds
Schoharie County									
Lawyersville	15	0530EST			0	0	25K	0	Thunderstorm Winds
Gallupville	15	0530EST			0	0	100K	0	Thunderstorm Winds
Warnerville	15	0530EST			0	0	50K	0	Thunderstorm Winds
Countywide	15	0530EST			0	0	500K	0	Thunderstorm Winds
Schenectady County									
Scotia	15	0530EST			0	0	20K	0	Thunderstorm Winds
Duanesburg	15	0530EST			0	0	25K	0	Thunderstorm Winds
Washington County									
Greenwich	15	0530EST			0	0	25K	0	Thunderstorm Winds
Countywide	15	0530EST-			0	0	50K	0	Thunderstorm Winds
		0600EST							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Schenectady County									
Rotterdam	15	0545EST			0	0	20K	0	Thunderstorm Winds
Niskayuna	15	0545EST			0	0	20K	0	Thunderstorm Winds
Albany County									
East Berne	15	0548EST			0	0	100K	0	Thunderstorm Winds
Westerlo									
Guilderland	15	0548EST			1	0	1K	0	Thunderstorm Winds
	15	0555EST			0	0	20K	0	Thunderstorm Winds
NEW YORK, Eastern Cont'd									
Countywide									
Countywide	15	0555EST			0	0	1M	0	Thunderstorm Winds
Colonie	15	0555EST			0	0	100K	0	Thunderstorm Winds (G67)
Albany	15	0555EST			0	0	100K	0	Thunderstorm Winds
Delaware County									
Countywide	15	0600EST			0	0	10K	0	Thunderstorm Winds
Warren County									
Lake Luzerne	15	0600EST			2	0	20K	0	Thunderstorm Winds
Rensselaer									
Schodack	15	0600EST			0	0	20K	0	Thunderstorm Winds
West Sand Lake	15	0600EST			0	0	10K	0	Thunderstorm Winds
Columbia County									
Kinderhook	15	0605EST			0	0	20K	0	Thunderstorm Winds
Countywide	15	0605EST			0	0	50K	0	Thunderstorm Winds
Saratoga County									
Countywide	15	0605EST			0	0	100K	0	Thunderstorm Winds
Greene County									
New Albany	15	0606EST			0	0	10K	0	Thunderstorm Winds
Haines Falls	15	0606EST			0	5	1K	0	Thunderstorm Winds
Greenville	15	0606EST			0	0	5K	0	Thunderstorm Winds
Coxsackie	15	0606EST			0	0	50K	0	Thunderstorm Winds
Schoharie County									
Franklinton	15	0607EST			0	0	20K	0	Thunderstorm Winds
Rensselaer County									
New Lebanon	15	0614EST			0	0	2K	0	Thunderstorm Winds
Saratoga County									
Malta	15	0625EST			0	0	2K	0	Thunderstorm Winds
Warren County									
Glens Falls	15	0625EST			0	0	10K	0	Thunderstorm Winds
Countywide	15	0625EST			0	0	10M	0	Thunderstorm Winds
Rensselaer County									
North Greenbush	15	0625EST			0	0	10K	0	Thunderstorm Winds
Dutchess County									
Red Hook	15	0630EST			0	0	20K	0	Thunderstorm Winds
Rhinebeck	15	0630EST			0	0	20K	0	Thunderstorm Winds
Pine Plain	15	0700EST			0	0	20K	0	Thunderstorm Winds
Hyde Park	15	0700EST			0	0	20K	0	Thunderstorm Winds
Poughkeepsie	15	0700EST			0	0	20K	0	Thunderstorm Winds
LaGrange	15	0700EST			0	0	20K	0	Thunderstorm Winds
Ulster County									
Woodstock	15	0700EST			0	0	10K	0	Thunderstorm Winds
Countywide	15	0700EST			0	0	50K	0	Thunderstorm Winds
Dutchess County									
Millbrook	15	0730EST			0	0	20K	0	Thunderstorm Winds
<p>One of the most devastating severe weather outbreaks to hit eastern New York this century occurred on the morning of July 15th. A long lived squall line known as a derecho crossed eastern New York during the early morning hours. Extensive tree damage occurred across the area with the Adirondacks being the hardest hit. Damage estimates from the Department of Environmental Conservation indicated that some 900,000 acres of forest were damaged with 125,000 acres of timber in the Adirondack Park sustaining moderate to severe damage. The timber damage is estimated at 1 billion board feet with an estimated value of \$204 million. Five deaths and eleven injuries occurred with this event. Most of the deaths and injuries were a result of trees falling on campers in the Adirondacks. Thirty-one hikers and campers had to be removed from the Adirondacks by helicopter as their path out of the woods was blocked. Extensive power outages occurred across eastern New York with 230,000 customers left without power. Livestock deaths were also reported with over 10 sheep, cattle or hogs killed. Times used during this event were estimated due to the very rapid storm movement which exceeded 60 miles an hour. (F43O,M39O,F60O,F10O,F72V)</p>									
Southern Tier									
	15	PM			0	0	0	0	Record Heat
<p>High pressure over the Mid-Atlantic states produced a southerly flow of hot and humid air across the Northeast. Poughkeepsie established a new record high for the date when the temperature reached 106 degrees. Binghamton reached 96 degrees which tied the previous record high set in 1983.</p>									
Schoharie County									
	16	1700EST			0	0	16K	0	Flash Flood
<p>A slow moving thunderstorm caused a flash flood along Mine Kill Creek in Jefferson in Schoharie County. The flash flood was a result of three and one-half inches of rain which fell in a hour. The flash flood washed a snowmobile down the creek and also washed away the New York Power Authority flow gage on the creek.</p>									
Otsego County									
Worcester	16	1921EST			0	0	6K	0	Lightning
<p>Lightning downed tree limbs and wires along State Route 39.</p>									
Otsego County									
	16	2058EST-			0	0	8K	0	Flash Flood
	17	0330EST			0	0	8K	0	Flash Flood
Delaware County									
	16	2305EST-			0	0	1K	0	Flash Flood
	17	0330EST			0	0	1K	0	Flash Flood
<p>Slow moving thunderstorms caused small streams to rise out of their banks in Southeastern Otsego and Northern Delaware Counties on the evening of the 16th. In Schenevus, Sparrow Hawk Creek flooded several basements, washed out McCarthy Road</p>									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
and flooded Race Street. Flash flooding on Elk Creek washed out State Route 34 in Westport Township. Minor flooding occurred in Butts Corner when Charlotte Creek rose out of its banks.									
NEW YORK, Eastern Cont'd									
Herkimer County									
Ilion	17	1400EST			0	0	20K	0	Urban Flood
									Heavy rains produced an urban flood in Ilion as storm drains backed up.
Chenango County									
Afton	17	1412EST			0	0	75K	0	Lightning
									Lightning started a fire which destroyed a house in Afton.
Chenango County									
Countywide	17	1430EST			0	0	25K	0	Thunderstorm Winds
South Otselec	17	1430EST			0	1	0	0	Lightning
Otsego County									
Pittsfield	17	1430EST			0	0	8K	0	Thunderstorm Winds
Otsego	17	1455EST			0	0	6K	0	Thunderstorm Winds
T. of Maryland	17	1455EST			0	0	20K	0	Urban Flood
Chenango County									
Coventry	17	1457EST			0	0	5K	0	Thunderstorm Winds
Delaware County									
Sidney Center	17	1510EST			0	0	2K	0	Thunderstorm Winds
Masonville	17	1530EST			0	0	3K	0	Thunderstorm Winds
Tioga County									
Owego	17	1600EST			0	0	5K	0	Thunderstorm Winds
Delaware County									
Delhi	17	1625EST			0	0	3K	0	Thunderstorm Winds
Walton	17	1645EST			0	0	2K	0	Thunderstorm Winds
Dutchess County									
Poughkeepsie	17	1900EST			0	0	5K	0	Thunderstorm Winds
									Severe thunderstorms moved across parts of the Susquehanna Region and Western Catskills and Mid-Hudson Valley on the afternoon of the 17th. There were many reports of downed trees and wires, but the majority of the storm damage occurred in Otsego and Delaware Counties.
Saratoga County									
Saratoga Springs	18	1245EST			0	0	2K	0	Thunderstorm Winds
Greenfield	18	1255EST			0	0	2K	0	Thunderstorm Winds
Saratoga Springs	18	1304EST			0	0	0	0	Thunderstorm Winds (G55)
Washington County									
Greenwich	18	1325EST			0	0	5K	0	Thunderstorm Winds
Franklin County									
North Bangor	18	2200EST			0	0	150K	0	Lightning
									Severe thunderstorm winds downed powerlines across parts of northern Saratoga County and in the Greenwich area of Washington County on the afternoon of July 18th. Lightning started a barn fire which killed 15 cows in North Bangor in Franklin County.
Dutchess County									
Poughkeepsie	23	1605EST			0	0	2K	0	Thunderstorm Winds
Reekman	23	1720EST			0	0	2K	0	Thunderstorm Winds
Saratoga County									
Countywide	23	1735EST			0	0	500K	0	Thunderstorm Winds
Albany County									
Albany	23	1800EST			0	1	0	0	Lightning
Rensselaer County									
Hoosick	23	1808EST			0	0	1K	0	Thunderstorm Winds
Ulster County									
Port Ewen	23	2000EST			0	0	20K	0	Thunderstorm Winds
									Severe thunderstorms were responsible for downing trees and powerlines in Saratoga County, Rensselaer County, Dutchess County and Ulster County. Lightning injured a woman in Albany County.
Broome County									
Deposit	26	1200EST			0	9	0	0	Lightning
									Nine campers were struck by lightning at Camp Tuscarora, a Boy Scout camp in Eastern Broome County, when they stood under tall pine trees during a thunderstorm. The injuries were minor.
Rensselaer County									
Poestenkill	26	1250EST			0	0	2K	0	Thunderstorm Winds
Wynantskill	26	1310EST			0	0	2K	0	Thunderstorm Winds
Albany County									
	26	1400EST-1500EST			0	0	100K	0	Urban Flood
Ulster County									
	26	1425EST-1700EST			0	0	50K	0	Flash Flood
Rensselaer County									
	26	1500EST-1700EST			0	0	1M	0	Flash Flood
Ulster County									
Port Ewen	26	1608EST			0	0	5K	0	Thunderstorm Winds
Marlboro	26	1615EST			0	0	5K	0	Thunderstorm Winds
Dutchess County									
Wappingers Falls	26	1634EST			0	0	5K	0	Thunderstorm Winds
Poughkeepsie	26	1634EST			0	0	5K	0	Thunderstorm Winds
Tivoli	26	1634EST			0	0	5K	0	Thunderstorm Winds

NEW YORK, Eastern Cont'd

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Dutchess County	26	1700EST- 1900EST			0	0	50K	0	Flash Flood
									Severe thunderstorms accompanied by torrential rains occurred across the Capital District and the Mid-Hudson valley. In Albany many streets were flooded due to overloaded storm sewers. In Rensselaer County the Quackenbush Creek went over its banks causing extensive flooding in the City of Rensselaer. In Ulster County the Sawkill Creek went over its banks causing flooding in Kingston. In Dutchess County the Stony Creek went over its banks causing flooding in Tivoli.
Dutchess County Rhinebeck	28	1400EST			0	0	2K	0	Thunderstorm Winds
Saratoga County Providence	28	1545EST			0	0	2K	0	Hail (0.88)
Fulton County Broadalbin	28	1550EST			0	0	5K	0	Thunderstorm Winds
Mayfield	28	1550EST			0	0	5K	0	Thunderstorm Winds
Saratoga County Middle Grove	28	1700EST			0	0	0	0	Hail 1.00
Lake Nancy	28	1700EST- 1945EST			0	0	20K	0	Flash Flood
Lake Nancy	28	1725EST			0	0	2K	0	Hail (1.75)
Providence	28	1725EST			0	0	2K	0	Thunderstorm Winds
Greene County Catskill	28	1824EST			0	0	5K	0	Thunderstorm Winds
Columbia County Chatham	28	1845EST			0	0	5K	0	Thunderstorm Winds
Saratoga County Middle Grove	28	1850EST			0	0	2K	0	Hail (1.00)
Ulster County New Paltz	28	1851EST			0	0	5K	0	Thunderstorm Winds
St. Lawrence County Heuvelton	28	2130EST			0	0	4K	0	Thunderstorm wind
Edwards	28	2135EST			0	0	4K	0	Thunderstorm Winds
Pottsdam	28	2140EST			0	0	4K	0	Thunderstorm Winds
									Slow moving severe thunderstorms with very heavy rain moved across the Capital District, the Saratoga Region, the Mid-Hudson valley and over the Saint Lawrence Valley. Flash flooding occurred in Saratoga County in the vicinity of Lake Nancy as Joby Creek, Cadman Creek and Alder Creek went out of their banks. In addition the lake level at Lake Nancy rose over a foot. Large hail occurred in Saratoga County near Middle Grove. Damaging thunderstorm winds downed trees and power lines.
Franklin County Paul Smiths	29	0130EST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds downed trees along Route 30 in Paul Smiths.
Areawide	month long				0	0	0	?	Drought
									A combination of excessive heat and lack of rainfall during the month of July caused extensive damage to some crops especially in the Mohawk and Hudson Valleys. Vine crops were especially hard hit with plants either killed or production limited. Other crops severely impacted included corn, hay, peppers and onions. Many communities had water restrictions in effect by the end of July as a result of the drought.
NEW YORK, Western									
Chautauqua County 2 S Dumirk	05	1150EST			0	0	15K	0	Thunderstorm Winds
Cattaraugus County Otto	05	1200EST			0	0	8K	0	Thunderstorm Winds
Erie County Clarence	05	1250EST			0	0	2K	0	Thunderstorm Winds
Livingston County Avon	05	1425EST			0	0	2K	0	Hail (1.00)
Avon	05	1425EST			0	0	10K	0	Thunderstorm Winds
Conesus Lake	05	1600EST			0	0	5K	0	Thunderstorm Winds
									Thunderstorms developed in a moist, unstable atmosphere and produced damaging winds and large hail. The winds downed trees and power lines. Scattered power outages resulted. The torrential rains of the thunderstorms resulted in localized poor drainage flooding.
Cattaraugus County Olean	06	1237EST			0	0	10K	0	Thunderstorm Winds
Allegany County Cuba	06	1250EST			0	0	15K	0	Thunderstorm Winds
Fillmore	06	1310EST			0	0	5K	0	Thunderstorm Winds
Livingston County Conesus	06	1345EST			0	0	5K	0	Thunderstorm Winds
Steuben County Arkport	06	1345EST			0	0	2K	0	Thunderstorm Winds
Troupsburg	06	1345EST			0	0	2K	0	Thunderstorm Winds
Gibson	06	1400EST			0	0	3K	0	Thunderstorm Winds
Savona	06	1400EST			0	0	3K	0	Thunderstorm Winds
NEW YORK, Western Cont'd									
Chemung County Elmira	06	1410EST			0	0	4K	0	Thunderstorm Winds
Schuyler County Countywide	06	1415EST- 1445EST			0	0	7K	0	Thunderstorm Winds
Ontario County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Oaks Corners	06	1420EST			0	0	20K	0	Thunderstorm Winds
Steuben County Corning	06	1425EST			0	0	2K	0	Thunderstorm Winds
Yates County Middlesex	06	1430EST			0	0	5K	0	Thunderstorm Winds
Monroe County Penfield	06	1440EST			0	0	8K	0	Thunderstorm Winds
Chemung County Erin	06	1440EST			0	0	3K	0	Thunderstorm Winds
Horseheads	06	1440EST			0	0	3K	0	Thunderstorm Winds
Van Etten	06	1440EST			0	0	3K	0	Thunderstorm Winds
Tompkins County Ithaca	06	1455EST			0	0	2K	0	Thunderstorm Winds
Wayne County Lyons	06	1459EST			0	0	4K	0	Thunderstorm Winds
Tompkins County Newfield	06	1500EST			0	0	7K	0	Thunderstorm Winds
Seneca County Romulus	06	1500EST			0	0	4K	0	Thunderstorm Winds
Junius	06	1500EST			0	0	4K	0	Thunderstorm Winds
Cayuga County Auburn	06	1515EST			0	0	3K	0	Thunderstorm Winds
Fair Haven	06	1522EST			0	0	4K	0	Thunderstorm Winds
Oswego County Oswego	06	1525EST			0	0	5K	0	Thunderstorm Winds
Onondaga County Countywide	06	1530EST- 1630EST			0	1	15K	0	Thunderstorm Winds
Cayuga County Moravia	06	1533EST			0	0	1K	0	Thunderstorm Winds
Oswego County Oswego	06	1550EST			0	0	15K	0	Thunderstorm Winds
Sandy Creek	06	1618EST			0	0	5K	0	Thunderstorm Winds
Jefferson County Mannsville	06	1635EST			0	0	4K	0	Thunderstorm Winds
Watertown	06	1650EST			0	0	7K	0	Thunderstorm Winds
Antwerp	06	1705EST			0	0	5K	0	Thunderstorm Winds
Lewis County Martinsburg	06	1710EST			0	0	5K	0	Thunderstorm Winds
Severe thunderstorms moved across the area ahead of a cold front. There were numerous reports of downed trees and wires and power outages. In Horseheads, Chemung County, the storms toppled a 200-year old poplar tree that was 14-foot in diameter. A man was injured by a falling tree limb in Liverpool, Onondaga County. In Oaks Corners, Ontario County a downed tree damaged a deck, kitchen, garage and dining room of a house. Torrential rains of the storm resulted in localized urban flooding.									
Niagara County N. Tonawanda	13	1850EST			0	0	2K	0	Thunderstorm Winds
Orleans County Albion	13	1945EST			0	0	3K	0	Thunderstorm Winds
Genesee County Oakfield	13	2010EST			0	0	4K	0	Thunderstorm Winds
Erie County Cheektowaga	13	2020EST			0	0	4K	0	Thunderstorm Winds
Niagara County N. Tonawanda	13	2020EST			0	0	3K	0	Thunderstorm Winds
Wyoming County Arcade	13	2055EST			0	0	3K	0	Thunderstorm Winds
Cattaraugus County Franklinville	13	2115EST			0	0	2K	0	Thunderstorm Winds
Wyoming County Wyoming	13	2155EST			0	0	2K	0	Thunderstorm Winds
Onondaga County Lysander	13	2200EST			0	0	3K	0	Thunderstorm Winds
Cicero	13	2210EST			0	0	1K	0	Thunderstorm Winds
Severe thunderstorms developed during the late afternoon hours producing damaging winds and small hail. The thunderstorm winds downed trees and power lines.									

NEW YORK, Western Cont'd

Livingston County Caledonia	15	0330EST			0	0	10K	0	Thunderstorm Winds
Jefferson County Watertown	15	0335EST			0	0	5K	0	Hail (1.00)
Countywide	15	0335EST- 0400EST			0	0	15M	0	Thunderstorm Winds
Chautauqua County Asheville	15	0345EST			0	0	10K	0	Thunderstorm Winds
Jefferson County Watertown	15	0345EST			0	0	15K	0	Thunderstorm Winds
Livingston County Avon	15	0345EST			0	0	5K	0	Thunderstorm Winds
Cattaraugus County									

Storm Data and Unusual Weather Phenomena

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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	
Little Valley	15	0345EST			0	0	10K	0	Thunderstorm Winds
Lewis County	15	0400EST			0	0	20K	0	Thunderstorm Winds
Lowville	15	0400EST-			0	0	15M	0	Thunderstorm Winds
Countywide	15	0430EST							
Ontario County	15	0400EST			0	0	15K	0	Thunderstorm Winds
Gorham	15	0400EST			0	0	10K	0	Thunderstorm Winds
Oswego County	15	0400EST			0	0	7K	0	Thunderstorm Winds
Fulton	15	0408EST			0	0	15K	0	Thunderstorm Winds
Monroe County	15	0410EST-			0	0	55K	0	Thunderstorm Winds
Webster	15	0420EST							
Ontario County	15	0415EST			0	0	15K	0	Thunderstorm Winds
Bristol	15	0415EST-			0	0	10K	0	Thunderstorm Winds
Onondaga County	15	0445EST			0	0	5K	0	Thunderstorm Winds
Liverpool	15	0430EST			0	0	7K	0	Thunderstorm Winds
N. Syracuse	15	0430EST			0	0	5K	0	Thunderstorm Winds
Wayne County	15	0434EST			0	0	5K	0	Thunderstorm Winds
Newark	15	0500EST			0	0	10K	0	Thunderstorm Winds
Cayuga County	15								
Countywide	15								
Fair Haven	15								
Seneca County	15								
Ovid	15								
Yates County	15								
PennYan	15								
Tompkins County	15								
Countywide	15								
<p>A complex of severe thunderstorms raced across the area before sunrise on the 15th. Thunderstorm winds caused widespread damage, downing trees and wires. In North Syracuse, Onondaga County, a parked Boeing 727 at Syracuse Airport was blown into a parked Boeing 737. Hardest hit were the counties of Jefferson and Lewis where states of emergency were declared. Several mobile homes were destroyed. In some cases, these structures were tossed hundreds of feet and debris was scattered over a half mile away. Permanent structures suffered considerable roof damage. Thousands of trees were felled by the violent storms. Power was knocked out in all of Jefferson and Lewis Counties for at least twelve hours, and in some cases, for days. The North Country was declared a disaster area by the Governor of New York State.</p>									
Livingston County	16	1710EST			0	0	3K	0	Thunderstorm Winds
Mt. Morris	16	1720EST			0	0	4K	0	Thunderstorm Winds
Geneseo	16	1900EST			0	0	8K	0	Lightning
Mnondaga County	16								
DeWitt	16								
Orleans County	17	0035EST			0	0	2K	0	Thunderstorm Winds
Kent	17	0042EST			0	0	3K	0	Thunderstorm Winds
Medina	17	0116EST			0	0	2K	0	Thunderstorm Winds
Livingston County	17	0123EST			0	0	4K	0	Thunderstorm Winds
Hamlin	17								
Monroe County	17								
Brockport	17								
<p>Thunderstorms during the evening of the 26th and early morning hours of the 27th downed trees and power lines resulting in scattered power outages. In DeWitt, lightning damaged two substations resulting in 10,000 customers being without power.</p>									
Chautauqua County	28	1430EST			0	1	0	0	Lightning
Dunnirk	28								
<p>A 40-year old man was seriously injured when he was struck by lightning while fishing on Lake Erie off Dunnirk. The man was knocked unconscious by the lightning.</p>									
Erie County	28	1520EST			0	0	5K	0	Thunderstorm Winds
Grand Island	28	1630EST			0	0	5K	0	Thunderstorm Winds
Niagara County	28	1840EST			0	0	10K	0	Thunderstorm Winds
Wilson	28								
Livingston County	28								
Caledonia	28								
<p>NEW YORK, Western Cont'd</p>									
Jefferson County	28	2052EST			0	0	8K	0	Thunderstorm Winds
Wesley Island	28	2355EST			0	0	5K	0	Thunderstorm Winds
Lewis County	20	0030EST			0	0	11K	0	Thunderstorm Winds
Castorland	20								
Beaver Falls	20								
<p>Thunderstorms developed during the afternoon and evening hours producing damaging winds and small hail. The thunderstorm winds downed trees and power lines resulting in scattered power outages.</p>									
<p>NORTH CAROLINA, North Coastal</p>									
Northampton County	04	1915EST			0	0	0	0	Thunderstorm Winds
Severn	04								
<p>Trees were downed and a warehouse was partially collapsed by strong winds associated with an intense thunderstorm.</p>									
Northampton County	04	1930EST-			0	0	\$687K	0	Flash Flood
Severn	04	2145EST							
<p>Up to eight inches of rain in a three hour period caused the worst flash flood ever along the Meherrin River in the town of Severn. Between 15 and 20 residences were damaged significantly by the flood, with water window high in many of these homes</p>									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Damage also occurred at the local sewage treatment plant.									
Hertford County Murfreesboro	04 04	1930EST- 2100EST			0	0	0	0	Flash Flood
Several roads, including Pine Top Road, impassable due to high water from four to five inches of rain.									
Bertie County Powellsville	30	1500EST			0	0	\$17K	0	Lightning
Lightning ignited a fire which did heavy damage to a garage.									
NORTH CAROLINA, South Coastal									
Brunswick County 1 E Oak Island	01	1542EST	Short		?	?	?	?	Waterspout
Coast Guard reported waterspout briefly touched down.									
Brunswick County Bald Head Island	01	1555EST	Short		?	?	?	?	Tornado (F0)
Southport Police sited waterspout as it dissipated quickly once it moved over the island.									
Brunswick County 1 E Bald Head Island	01	1604EST	Short		?	?	?	?	Waterspout
Southport Deputies sited short lived waterspout moving over the Cape Fear River.									
Brunswick County 1 W Leland	03	1430EST			?	?	?	?	Thunderstorm Winds
Large tree limb, 12 to 16 inches in diameter, blown onto mobile home.									
Brunswick County 1 N Bolivia	03	1430EST			?	?	?	?	Funnel Clouds
Emergency Manager reported sighting three funnel clouds.									
New Hanover Wilmington	03	1620EST			?	?	?	?	Thunderstorm Winds
Trees down along road.									
New Hanover County Myrtle Grove	03	1625EST			?	?	?	?	Thunderstorm Winds
Spotter estimated wind gust from 61 to 65 knots.									
New Hanover County Wilmington	03	1625EST			?	?	?	?	Thunderstorm Winds
Trees snapped off.									
New Hanover County Wilmington	03	1630EST			?	?	?	?	Urban Flood
Some streets in Wilmington had over a foot of standing water causing cars to stall.									
N.C. Coastal Waters 19 NE Masonboro Inlet	10	1755EST	Short		?	?	?	?	Waterspout
N.C. Coastal Waters 10 E Ocean Isle Beach	10	0940EST	Short		?	?	?	?	Waterspout
New Hanover County Wilmington	10	1245EST			?	?	?	?	Hail (1.00)
New Hanover County Wilmington	10	1250EST			?	?	?	?	Hail (1.00)
NORTH CAROLINA, South Coastal Cont'd									
New Hanover County Wilmington	10	1255EST			?	?	?	?	Hail (1.00)
New Hanover County Wilmington	10	1315EST			?	?	?	?	Hail (0.75)
Pender County 11 N Wilmington	10	1410EST			?	?	?	?	Hail (0.75)
Pender County Maple Hill	10	1715EST			?	?	?	?	Lightning
Lightning started a fire that destroyed a mobile home.									
Robeson County Lumberton	10	1835EST			?	?	?	?	Thunderstorm Winds
Trees down on a house.									
Robeson County 1 W Lumberton	10	1835EST			?	?	?	?	Thunderstorm Winds
Power lines down on highway 74.									
Columbus County Tabor City	11	1530EST			?	?	?	?	Hail (1.75)
Columbus County Tabor City	11	1550EST			?	?	?	?	Hail (0.75)
New Hanover County Wilmington	11	1600EST			?	?	?	?	Thunderstorm Winds (G52)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
New Hanover County Wilmington	11	1605EST			?	?	?	?	Hail (1.25)
New Hanover County Wilmington	11	1610EST			?	?	?	?	Hail (1.75)
New Hanover County Wilmington	11	1620EST			?	?	?	?	Hail (1.00)
New Hanover County Wilmington	11	1620EST			?	?	?	?	Thunderstorm Winds (G60)
New Hanover County Wilmington	11	1637EST			?	?	?	?	Thunderstorm Winds Tree down.
Robeson County Parkton	11	1700EST			?	?	?	?	Hail (0.75)
Robeson County Raynham	18	1550EST			?	?	?	?	Thunderstorm Winds Transformer pole snapped and fell onto road.
Robeson County Rowland	18	1600EST			?	?	?	?	Thunderstorm Winds Trees and powerlines down.
Robeson County 5 NW Lumberton	18	1600EST			?	?	?	?	Thunderstorm Winds Tree down on road.
Brunswick County Bolivia	21	0200EST			?	?	50K	?	Lightning Lightning destroyed a house by causing a fire.
Columbus County 7 N Whiteville	21	1840EST			?	?	?	?	Thunderstorm Winds Trees down on State Road 1700.
Bladen County Clarkton	21	1849EST			?	?	?	?	Thunderstorm Winds Trees and powerlines down on State Road 1700.
Bladen County Elizabethtown	21	1849EST			?	?	?	?	Thunderstorm Winds Trees and powerlines down on Highway 701.
Bladen County Bladenboro	21	1906EST			?	?	?	?	Thunderstorm Winds Trees and powerlines down on James Pait Road and Evers Road.
New Hanover County Wilmington	21	2315EST			?	?	?	?	Urban Flood Heavy rain caused flooding several streets.
Brunswick County Calabash	23	0600EST			?	?	60K	?	Lightning Lightning caused extensive damage to a house by starting a fire.
NORTH CAROLINA, South Coastal Cont'd									
N.C. Coastal Waters 20 E Wrightsville Beach	28	1935EST	Short		?	?	?	?	Waterspout
Bladen County White Oak	31	1430EST			?	?	?	?	Thunderstorm Winds Trees down.
Bladen County White Oak	31	1450EST			?	?	?	?	Thunderstorm Winds Winds ripped off a porch of a house.
NORTH CAROLINA, Central									
Edgecombe, Sampson Johnston	01	1500EST- 2100EST			0	0	0	0	Flash Flood Two to three inches of rain fell in a short period of time causing highway and urban street flooding in several counties. In Sampson County two feet of water covered Route 242 south of Roseboro with water in some businesses. In Johnston County in Clayton, three feet of water covered Applewhite Road.
Cumberland County Gray's Creek	01	1800EST			0	0	30K	0	Lightning Lightning sparked two house fires in the Gray's Creek Community.
Randolph County Ramseur	03	1122EST			0	0	0	0	Hail (1.00)
Cleveland County Shelby	03	1130EST			0	0	0	0	Flash Flood Six to ten roads under two to five feet of water.

Storm Data and Unusual Weather Phenomena

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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	
Moore County 2 W Robbins	03	1235EST			0	0	0	0	Hail (1.00)
Moore County Robbins	03	1300EST Baseball-size hail.			0	0	0	0	Hail (2.75)
Cumberland County Fayetteville	03	1545EST Dime-size hail.			0	0	0	0	Hail (0.75)
Cumberland County Fayetteville	03	1545EST Trees down.			0	0	0	0	Thunderstorm Wind
Henderson County Fletcher, Naples	03	1600EST Over four inches of rain fell in an hour causing several roads to flood. Some homes sustained water damage.			0	0	40K	0	Flash Flood
Halifax, Guilford Forsyth Counties	03	1945EST- 2345EST Over three inches of rain in a little more than an hour caused flooding of secondary roads near Enfield. In Greensboro, a bridge was under water on Old Battleground Rd. A bridge was also under water and secondary roads were flooded in Winston-Salem.			0	0	0	0	Flash Flood
Mecklenburg County Charlotte	03	2015EST Flooding on Sam Newell Road between East Independence and Highway 51.			0	0	0	0	Flash Flood
Nash County Castalia	04	2015EST Thirty people were injured when lightning struck a crane and the energy was dispersed into the ground. Only one individual was admitted to the hospital overnight.			0	30	0	0	Lightning
Nash	04	2100EST- 2330EST Three inches of rain fell in two hours causing flooding of secondary roads and highways (Highway 581 and 97).			0	0	0	0	Flash Flood
Durham County Durham	04	2200EST- 2330EST Emergency Operations Center reported Highway 501 was under two feet of water in the northern part of the city of Durham.			0	0	0	0	Flash Flood
Rowan County Salisbury, China Grove	06	1250EST Golfball-size hail reported between Salisbury and China Grove.			0	0	0	0	Hail (1.75)
NORTH CAROLINA, Central Cont'd									
Cabarrus County NE Concord	06	1300EST			0	0	0	0	Hail (1.00)
Randolph	06	1450EST Several reports of trees down.			0	0	0	0	Thunderstorm Winds
Randolph	06	1450EST One injury reported due to a lightning strike.			0	1	0	0	Lightning
Stanly	06	1530EST Trees were knocked down.			0	0	0	0	Thunderstorm Winds
Granville	06	1700EST Trees down on Beltown Road.			0	0	0	0	Thunderstorm Winds
Sampson	06	1745EST- 1930EST Several secondary roads were reported to be flooded.			0	0	0	0	Flash Flood
Person	06	1800EST Trees were knocked down.			0	0	0	0	Thunderstorm Winds
Iredell County Northern	06	1900EST Trees were knocked down.			0	0	0	0	Thunderstorm Winds
Stanly	07	1230EST- 1400EST Several secondary roads were reported to be flooded.			0	0	0	0	Flash Flood
Wake	07	1730EST One golfer was killed and four were injured when they were struck by lightning on the Hillandale Golf Course.			1	4	0	0	Lightning
Johnston County Nr Meadows	10	1735EST			0	0	0	0	Hail (1.00)
Wake County Nr Garner	10	1920EST			0	0	0	0	Hail (0.75)
McDowell County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Marion	10	1930EST			0	0	10K	0	Lightning
			Lightning damaged a mobile home.						
Johnston County Wrn	10	2030EST			0	0	0	0	Thunderstorm Winds
			Trees were knocked down.						
Harnett County Angier	10	2030EST			0	0	0	0	Thunderstorm Winds
			Trees down just east of Angier.						
Nash County Nr Nashville	11	0630EST			0	0	0	0	Thunderstorm Winds
			Trees were knocked down.						
Wilson County Rocky Mount	11	0630EST			0	0	15K	0	Lightning
			Lightning damaged a home.						
Franklin County Lake Royale	11	0645EST			0	1	0	0	Lightning
			A man was stuck by lightning and hospitalized.						
Wilson	11	0730EST- 0930EST			0	0	0	0	Flash Flood
			Extensive flooding was reported and some evacuations were necessary.						
Wilson County Wilson	11	0745EST			0	0	0	0	Thunderstorm Winds
			Numerous reports of trees and power lines down in the town of Wilson.						
Forsyth County Wrn	16	1325EST			0	0	0	0	Thunderstorm Winds
			Trees were knocked down.						
Guilford County N Greensboro	16	1400EST			0	0	15K	0	Lightning
			Lightning struck a home.						
Mitchell County Spruce Pine	16	1430EST			0	0	0	0	Thunderstorm Winds
			Trees down along Highway 19E east of Spruce Pine.						
Guilford	16	1440EST			0	0	0	0	Flash Flood
			County sheriff reported several roads under water.						
NORTH CAROLINA, Central Cont'd									
Davidson	16	1505EST			0	0	0	0	Thunderstorm Winds
			County officials reported several large trees down.						
Guilford	16	1500EST- 1620EST			0	0	0	0	Thunderstorm Winds
			A sustained period of severe weather occurred in the county with numerous reports of trees and power lines down.						
Avery County Linville Falls	16	1600EST			0	6	0	0	Lightning
			Six people were injured by lightning as they stood outside the visitor center at Linville Falls.						
Randolph	16	1550EST			0	0	0	0	Thunderstorm Winds
			Several reports of trees and power lines down.						
Mecklenburg County Charlotte Cabarrus	16	1550EST			0	0	0	0	Hail (0.75)
	16	1600EST			0	0	50K	0	Lightning
			Lightning and the ensuing fire damaged a home substantially.						
Mecklenburg County 1 SW of Charlotte Cleveland	16	1640EST			0	0	0	0	Hail (0.75)
	16	1700EST			0	0	0	0	Thunderstorm Winds
			Trees and power lines down.						
Davidson County Thomasville	16	1900EST			0	0	0	0	Thunderstorm Winds
			Trees were knocked down.						
Wake County N Raleigh	17	1600EST			0	0	150K	0	Lightning
			Lightning started a fire that destroyed a home.						
Caldwell County Lenoir	17	1835EST			0	0	0	0	Thunderstorms Winds
			Large trees down west of Lenoir.						
Cumberland	18	1239EST			0	0	0	0	Thunderstorm Winds (G58)
			Thunderstorm wind gust reported by Ft Bragg.						
Cumberland	18	1255EST			0	0	0	0	Thunderstorm Winds (G75)
			Gust reported by Pope Air Force Base.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Sampson County Clinton	18	1426EST			0	0	0	0	Thunderstorm Winds
									Trees were knocked down.
Scotland County Maxton	18	1800EST			0	7	0	0	Lightning
									Lightning struck a barn, sending seven farmhands to the hospital.
Cleveland County Shelby	20	1016EST			0	0	0	0	Lightning
									Home struck by lightning on Taylor road. County building also hit.
Granville County Oxford	21	2145EST			0	0	30K	0	Thunderstorm Winds
									Several large trees were reported down.
Henderson	21	1630EST			0	0	30K	0	Lightning
									A mobile home was badly damaged by a fire started by lightning.
Halifax County 4 W Roanoke Rapids	22	1830EST			0	0	2K	0	Lightning
									Lightning struck a mobile home on Davie School Road.
Person County Timberlake	24	1715EST			0	0	0	0	Thunderstorm Winds
									Trees down in the Timberlake area.
Randolph County Asheboro	24	1800EST			0	0	50K	0	Thunderstorm Winds
									Numerous trees were down in the Greystowne area. There was minor damage to five houses and significant roof damage to one house.
Durham	24	1810EST			0	0	0	0	Thunderstorm Winds
									Trees were knocked down.
Catawba County Hickory	25	2010EST			0	0	0	0	Thunderstorm Winds
									Large trees blown down in southeast Hickory.

NORTH CAROLINA, Central Cont'd

Catawba County Maiden	25	2030EST			0	0	250K	0	Thunderstorm Winds
									Very strong winds destroyed two mobile homes and damaged several others. Thirty people had to be evacuated, but no injuries were reported. A commercial building had a wall blown down.
McDowell County Pleasant Garden	25	2030EST			0	0	0	0	Thunderstorm Winds
									Trees down along Interstate 40 at Exit 93.
Burke County Valdese	25	2154EST			0	0	0	0	Thunderstorm Winds
									Trees down blocking Highway 350 south of Valdese.
Forsyth	25	2225EST			0	0	75K	0	Thunderstorm Winds
									Trees down on several houses.
Buncombe	26	1545EST			0	0	0	0	Thunderstorm Winds
									Numerous trees down.
Johnston County 11 NE Benson	26	1945EST			0	0	0	0	Hail (1.00)
Jackson County Cashiers	28	0320EST			0	0	0	0	Flash Flood
									Three inches of rain in three hours produced considerable secondary road flooding.
Franklin County Youngville	30	1612EST			0	0	0	0	Hail (1.00)
Nash	30	1630EST			0	0	0	0	Thunderstorm Winds
									Trees were knocked down.
Burke County Valdese	31	1630EST	0	0	0	0	0	0	Thunderstorm Winds
									Trees were knocked down.

NORTH CAROLINA, Northwestern and North Central

Caswell County W Portion	03	2130EST- 2320EST			0	0	?	?	Flash Flood
Caswell County 5 SW Locust Hill	03	2135EST			0	0	?	?	Thunderstorm Winds
Caswell County 1 S Locust Hill	03	2140EST			0	0	?	?	Thunderstorm Winds
Surry County Mountain Park	03	2200EST			0	0	10K	?	Lightning
Surry County 2 W Dobson	03	2220EST- 2355EST			0	0	?	?	Flash Flood

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Surry County Low Gap to 2 NW Low Gap	03	2250EST- 0040EST			0	0	?	?	Flash Flood Thunderstorms in northern North Carolina during the evening hours on the 3rd and early morning hours on the 4th produced damaging lightning and winds and flash flooding. Several creeks in the western part of Caswell County left their banks and flooded roads. Roads were flooded two miles west of Dobson and from Low Gap to two miles northwest of Low Gap. Heavy rain resulted in a mud slide two miles northwest of Low Gap. Thunderstorm winds knocked down large trees one mile south of Locust Hill and five miles southwest of Locust Hill. Lightning started a fire which destroyed a barn in Mountain Park.
Wilkes County McGrady	05	1515EST- 1530EST			0	0	?	?	Hail (0.75) An isolated severe thunderstorm in Wilkes County during the afternoon hours on the 5th produced hail up to dime-size.
Caswell County Providence	06	1430EST			0	0	?	?	Hail (1.00)
Caswell County Providence	06	1430EST			0	0	?	?	Thunderstorm Winds
Caswell County Locust Hill	06	1500EST			0	2	?	?	Lightning Thunderstorms in Caswell County during the afternoon hours on the 6th produced hail up to quarter size and damaging lightning and winds. Thunderstorm winds downed trees in Providence. Lightning struck a tree, which slightly injured two boys who were nearby.
Surry County 4 W Mount Airy	06	1635EST			0	0	8K	?	Thunderstorm Winds
Surry County 2 WSW Mount Airy	06	1640EST			0	0	?	?	Thunderstorm Winds
Surry County Bottom	06	1645EST			0	0	?	?	Hail (1.00)
NORTH CAROLINA, Northwestern and North Central Cont'd									
Surry County Bottom	06	1645EST			0	0	?	?	Thunderstorm Winds
Stokes County Danbury	06	1730EST			0	0	?	?	Hail (0.88)
Stokes County Danbury	06	1730EST			0	0	?	?	Thunderstorm Winds
Surry County Level Cross	06	1830EST			0	0	?	?	Thunderstorm Winds Thunderstorms during the afternoon and early evening hours on the 6th produced hail up to quarter-size and damaging winds. Thunderstorm winds downed trees two miles west-southwest of Mount Airy, in Bottom and Level Cross and downed trees and power lines in Danbury. Thunderstorm winds downed trees four miles west of Mount Airy with one falling on a house.
Ashe County Warrensville	16	1530EST			0	0	2.5K	?	Thunderstorm Winds
Caswell County Anderson	16	1600EST			0	0	?	?	Thunderstorm Winds Thunderstorm in northern North Carolina during the afternoon hours on the 16th produced damaging winds. Thunderstorm winds downed trees in Warrensville with one landing on a vehicle. In addition, thunderstorm winds downed a tree in Anderson.
Wilkes County Wilkesboro	17	1615EST- 1715EST			0	0	?	?	Flash Flood
Wilkes County North Wilkesboro	17	1615EST- 1715EST			0	0	?	?	Flash Flood Thunderstorms in Wilkes County during the late afternoon hours on the 17th produced flash flooding. Heavy rainfall flooded several roads in Wilkesboro and North Wilkesboro.
Alleghany County 2 NW Cherry Lane	17	2025EST			0	0	30K	?	Lightning
Alleghany County Roaring Gap	17	2030EST			0	0	15K	?	Thunderstorm Winds (G73)
Wilkes County North Wilkesboro	17	2105EST			0	0	8K	?	Thunderstorm Winds
Wilkes County Fairplains	17	2105EST			0	0	20K	?	Thunderstorm Winds Thunderstorms in northwest North Carolina during the evening hours on the 17th produced damaging lightning and winds. Thunderstorm winds destroyed a hay barn and downed trees in Fairplains. One of the trees damaged a house when it landed on it. A vehicle was severely damaged and two other vehicles were slightly damaged when debris from the hay barn hit them. In addition, fencing in Fairplains was also damaged by thunderstorm winds. Thunderstorm winds measured up to 84 mph damaged a boat house, downed numerous trees and downed a power pole in Roaring Gap. Some of the trees blocked roads and one tree fell on a house. Thunderstorm winds downed trees and power lines and tore the roof off a chicken house and a barn in North Wilkesboro. Lightning started a fire which damaged a home two miles northwest of Cherry Lane.
Surry County Mount Airy	24	1940EST			0	0	15K	?	Lightning A thunderstorm in Surry County produced damaging lightning which started a fire in a restaurant in Mount Airy. Damage was estimated at \$15,000.
Wilkes County North Wilkesboro	25	1940EST			0	0	5K	?	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Wilkes County 4 WSW Wilkesboro	25	1942EST			0	0	4K	?	Thunderstorm Winds
Wilkes County Wilkesboro	25	1942EST			0	0	?	?	Thunderstorm Winds
Wilkes County 6 WSW Wilkesboro	25	1945EST			0	0	?	?	Thunderstorm Winds
Surry County Low Gap	25	2033EST			0	0	2K	?	Thunderstorm Winds
Surry County 5 ESE Low Gap	25	2042EST			0	0	10K	?	Thunderstorm Winds
Yadkin County Boonville	25	2045EST			0	0	10K	?	Lightning
Surry County Bottom	25	2050EST			0	1	2.5K	?	Thunderstorm Winds
Surry County Dobson	25	2100EST			0	0	?	?	Thunderstorm Winds
Thunderstorms during the evening hours on the 25th produced damaging lightning and wind. Thunderstorm winds knocked a tree onto a vehicle and downed other trees in Bottom. A woman in the vehicle received minor injuries. Thunderstorm winds also downed trees and power lines in Dobson, blew a mobile home across a road five miles east-southeast of Low Gap and downed several trees, tore shingles off a house and peeled back tin roofing in Low Gap. Thunderstorm winds downed trees in Wilkesboro and six miles west-southwest of Wilkesboro, knocked a tree onto a truck and a garage four miles west-southwest of Wilkesboro and damaged a roof and downed trees and power lines in North Wilkesboro. Lightning started a fire which destroyed a mobile home in Boonville.									
NORTH DAKOTA									
Emmons County 6 W Linton	03	1820CST	0.2	20	0	0	?	?	Tornado (F0)
Emmons County Linton	03	1853CST			0	0	?	?	Tornado(F0-F1)
Tornado picked up a pickup truck and stock trailer and blew it against a rock pile 70 feet away.									
Stutsman County Jamestown	07	2045CST			?	?	?	?	Hail (1.00-1.75)
Williams County 4 NE Williston	07	2125CST			?	?	?	?	Hail (2.00)
LaMoure County 2 N Berlin	07	2205CST			?	?	?	?	Tornado (F0)
Wells County Cathay	07	2230CST			?	?	?	?	Hail (1.75)
Logan County Lehr	08	0200CST			?	?	?	?	Thunderstorm Winds
Wind speed unknown. Pole barn destroyed.									
Kidder County 8 E Steele	09	1715CST			?	?	?	?	Hail (1.75)
Hail was breaking out car windows at the junction of Interstat 94 and Highway 3.									
Kidder County Steele	09	1720CST			?	?	?	?	Hail (1.25-1.75)
Kidder County 10 E Steele	09	1745CST			?	?	?	?	Tornado (F0)
Logan County Napoleon	09	1830CST			?	?	?	?	Thunderstorm Winds (G55)
Numerous tree branches and power lines knocked down									
Morton County 10 W New Salem	09	1930CST			?	?	?	?	Hail (1.00)
Grant County Raleigh	09	2020CST			?	?	?	?	Hail (1.00)
Morton County Huff	09	2035CST			?	?	?	?	Hail (2.50)
Emmons County Linton	09	2130CST			?	?	?	?	Hail (2.50)
Bowman County Bowman	10	2340CST			?	?	?	?	Thunderstorm Winds (G81)
McKenzie County 40 S Williston	11	2035CST			?	?	?	?	Thunderstorm Winds (G60)
Hettinger County New England	11	2045CST			?	?	?	?	Thunderstorm Winds (G55)
Extensive tree damage in New England.									
Stark County Dickinson	11	2105CST			?	?	?	?	Thunderstorm Winds (G81)
Stark County Gladstone	11	2120CST			?	?	?	?	Thunderstorm Winds (G60+)
Mobile home destroyed.									
Stark County 8 NW Taylor	11	2130CST			?	?	?	?	Thunderstorm Winds (G90)
Grain bin destroyed.									
Stark County Richardton	11	2140CST			?	?	?	?	Thunderstorm Winds (G71)
Extensive tree damage.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Morton County New Salem	11	2145CST			?	?	?	?	Thunderstorm Winds (G55)
Mercer County Beulah	11	2206CST			?	?	?	?	Thunderstorm Winds (G60)
Morton County Mandan	11	2230CST			?	?	?	?	Thunderstorm Winds (G60)
Burleigh County Bismarck	11	2247CST			?	?	?	?	Thunderstorm Winds (G60)
McLean County Underwood	11	2310CST			?	?	?	?	Thunderstorm Winds (G60) Strong winds knocked down 100 year old tree.
Sheridan County McClusky	11	2315CST			?	?	?	?	Thunderstorm Winds (G60)
Ward County 18 SW Minot	12	0000CST			?	?	?	?	Tornado (F0) Tornado crossed over Highway 23.
NORTH DAKOTA Cont'd									
McHenry County 6 S Velsa	12	0015CST			?	?	?	?	Thunderstorm Winds (G62)
McIntosh County Wishek	12	0020CST			?	?	?	?	Thunderstorm Winds (G60+)
McIntosh County Ashley	12	0030CST			?	?	?	?	Thunderstorm Winds (G60)
Stutsman County LaMoure County	12	0035CST			?	?	?	?	Thunderstorm Winds (G52)
Marion Dickey County	12	0100CST			?	?	?	?	Tornado (F0)
Oakes	12	0100CST			?	?	?	?	Thunderstorm Winds (G55+) Pole barn destroyed.
Ransom County Lisbon	12	0130CST			?	?	?	?	Thunderstorm Winds (G70)
Ransom County McLeod	12	0155CST			?	?	?	?	Thunderstorm Winds (G55+) Extensive tree damage and roof blown off building.
Cass County Casselton	12	0230CST			?	?	?	?	Thunderstorm Winds (G52+) 12-inch diameter trees and limbs down.
Cass County Fargo	12	0230CST			?	?	?	?	Thunderstorm Winds (G52+) Construction trailer overturned. Fargo dome roof suffered extensive damage. Extensive tree damage in city with limbs and trees 18 to 20 inch in diameter downed.
Bowman County Bowman	12	1950CST			?	?	?	?	Thunderstorm Winds (G52)
Billings County 3 S Fryburg	12	1955CST			?	?	?	?	Thunderstorm Winds (G70)
Stark County Dickinson	12	2010CST			?	?	?	?	Thunderstorm Winds (G55)
Stark County 8 NW Taylor	12	2025CST			?	?	?	?	Thunderstorm Winds (G58)
Stark County Richardton	12	2035CST			?	?	?	?	Thunderstorm Winds (G60)
Hettinger County Mott	12	2040CST			?	?	?	?	Thunderstorm Winds (G65)
Mercer County Beulah	12	2120CST			?	?	?	?	Thunderstorm Winds (G60)
Morton County Mandan	12	2150CST			?	?	?	?	Thunderstorm Winds (G60)
Burleigh County Bismarck	12	2156CST			?	?	?	?	Thunderstorm Winds (G61)
Stutsman County Jamestown	13	0037CST			?	?	?	?	Thunderstorm Winds (G55)
Barnes County Litchville	13	0055CST			?	?	?	?	Hail (1.75)
Ransom County Lisbon	13	0115CST			?	?	?	?	Thunderstorm Winds (G62)
Sargent County Ruiland	13	0123CST			?	?	?	?	Thunderstorm Winds (G52+) Grain bins destroyed and two vehicles turned over.
Cass County Fargo	13	0212CST			?	?	?	?	Thunderstorm Winds (G79)
Ward County Minot Air Force Base	13	1621CST			?	?	?	?	Thunderstorm Winds (G100)
Grant County New Leipzig	14	0100CST			?	?	?	?	Thunderstorm Winds Wind speed unknown. Two large grain bins knocked over and destroyed.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Emmons County Appert Lake Dam	15				?	?	?	?	Dam Failure
	Reports of up to 10 inches of rain during the first part of July caused the Appert Lake Dam to fail. Part of Highway 13 were flooded for a time. No reports of property damage were received.								
Burleigh County Bismarck	20	1845CST			?	?	?	?	Hail (0.75)
	60 to 80 mph winds also reported. Extensive damage done in the city of Bismarck. Extensive tree damage. A mobile home northeast of Bismarck had its roof blown off. Reports of a few vehicles totaled due to large trees or tree branches falling on them. Extensive house damage due to falling trees or tree branches.								
Williams County Trenton	26	1905CST			?	?	?	?	Hail (1.75)
NORTH DAKOTA Cont'd									
Williams County 20 E Williston	26	1944CST			?	?	?	?	Thunderstorm Winds (G52)
Stark County Belfield	26	2130CST			?	?	?	?	Thunderstorm Winds (G60)
McKenzie County Charbonneau	26	2200CST			?	?	?	?	Thunderstorm Winds (G75)
Williams County Williston	26	2207CST			?	?	?	?	Thunderstorm Winds (G63)
Stark County Taylor	26	2215CST			?	?	?	?	Thunderstorm Winds (G66)
	Numerous trees and power lines down. Extensive damage done to buildings.								
McKenzie County Wafford City	26	2235CST			?	?	?	?	Thunderstorm Winds (G66)
Mountrail County Parshall	26	2345CST			?	?	?	?	Thunderstorm Winds (G55)
Mountrail County Stanley	26	2350CST			?	?	?	?	Thunderstorm Winds (G60)
Ward County Ryder	27	0020CST			?	?	?	?	Thunderstorm Winds (G55)
Williams County 8 W Williston	29	2123CST			?	?	?	?	Thunderstorm Winds (G55)
Divide County 2 N Crosby	29	2126CST			?	?	?	?	Hail (1.75)
Divide County 5 N Wildrose	29	2200CST			?	?	?	?	Hail (1.75)
	75 mph winds also reported. Winds destroyed steel grain bins and crops. Several hail swaths with 100 percent crop damage.								
McKenzie County Wafford City	29	2204CST			?	?	?	?	Thunderstorm Winds (G83)
McKenzie County Charbonneau	29	2220CST			?	?	?	?	Hail (1.75)
Williams County 10 SE Williston	29	2259CST			?	?	?	?	Hail (0.75)
Burke County Larson	29	2300CST			?	?	?	?	Thunderstorm Winds
	Wind speed unknown. Reports of several barns blown down as well wooden power poles snapped off.								
Burke County Columbus	29	2300CST			?	?	?	?	Thunderstorm Winds (G75)
	Considerable damage done to fairground grandstand.								
Williams County Williston	29	2303CST			?	?	?	?	Thunderstorm Winds (G62)
Williams County 1 S Epping	29	2335CST			?	?	?	?	Tornado (F0)
	Tornado destroyed a barn.								
Montrail County White Earth Area	30	0000CST			?	?	?	?	Thunderstorm Winds (G60)
Burke County 1 E Portal	30	0012CST			?	?	?	?	Tornado (F0)
	Reported by North Dakota Highway Patrol.								
Williams County 20 E Williston	30	0020CST			?	?	?	?	Hail (1.00)
OHIO, Northern									
Williams County Stryker	01 02	1000EST- 0700EST			0	0	0	0	Flood
	The Tiffin River exceeded flood stage of 11 feet by a half a foot and crested at 2000 EST, flooding was confined to low lying areas along the river.								
Lake Erie South Bass Island	01	2200EST			0	4	25K	0	High Winds
	Unusually strong winds and waves for July developed after the passage of a cold front on the west end of Lake Erie. Sustained north winds averaged 25 knots for several hours. Due to crowded holiday boating, some boats were anchored in areas not normally used for overnight stays. One boat was sunk and four others suffered significant damage. None of the injuries were								

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									serious.
Wood County Milton Center and Weston	04	1930EST			0	0	3K	0	Thunderstorm Winds Trees were downed.
Lorain County Elyria	05	1800EST			0	0	3K	0	Thunderstorm Winds
OHIO, Northern Cont'd									
									Trees were downed, some on power lines.
Lorain County East half	05	1930EST			0	0	20K	0	Flash Flood
Cuyahoga County West half	05	1940EST			0	0	100K	0	Flash Flood Thunderstorm rains flooded streets, basements and poor drainage areas. A rainfall of 2.86 inches was measured in Berea in about 45 minutes. Several roads had to be closed and over 100 basements were reported flooded in Berea (Cuyahoga).
Holmes County Countywide	05	2000EST			0	0	4K	0	Thunderstorm Winds
Wayne County Countywide	05	2020EST			0	0	5K	0	Thunderstorm Winds Large limbs were downed, some on power lines.
Wayne County Riftman and Wooster	05	2015EST			0	0	5K	0	Flash Flood Thunderstorm rains produced flooding of streets and poor drainage areas.
001>014-017>023-027>033-036>038-047 Northern Ohio	12-17	1200EST-1800EST			0	12	600K	0	Heat Wave Record or near record high temperatures in the 90s along with excessive humidity occurred with the peak of the heat and humidity occurring on the 14th when high temperatures were near or exceeded 100. Dewpoints were also unusually high averaging near 80 which produced a heat index as high as 126 F in Toledo. A number of roads and sidewalks buckled from the heat. The extent of heat related injuries is uncertain but at least eight people were treated for heat exhaustion in Cleveland (Cuyahoga) and four in Akron (Summit) There were no known fatalities during this hot spell but 1,500 swine perished from the heat in a barn at the Kalbach-Wagner Swine Research Farm in Wyandot County when the ventilation system failed.
Lake Erie Ohio Waters	13	1845EST			1	9	500K	0	Thunderstorm Winds A line of severe thunderstorms roared south from Ontario and Michigan across Lake Erie at 50 mph. The strong winds rushed out ahead of the thunderstorms and despite the issuance of a special marine warning many boaters were caught by surprise. The Coast Guard received 152 calls for assistance and had to fish many people out of the lake as dozens of boats capsized or were destroyed on the rocks. One fatality occurred when a 28-year-old man capsized off Lorain and suffered broken bones and other injuries. He was hospitalized but died several days later. One couple spent almost eight hours in the water after their boat capsized near Kelleys Island. They were spotted about 0200 by Coast Guard search helicopter and had to be treated for hypothermia. The other injuries were hypothermia or cuts and bruises. M28BO
Erie County Countywide	13	1854EST			0	0	100K	0	Thunderstorm Winds
Ottawa County Countywide	13	1854EST			0	0	40K	0	Thunderstorm Winds
Lucas County Countywide	13	1855EST			0	0	20K	0	Thunderstorm Winds
Lake County Countywide	13	1855EST			0	0	200K	0	Thunderstorm Winds
Lorain County Countywide	13	1858EDT			0	0	400K	20K	Thunderstorm Winds
Cuyahoga County Countywide	13	1900EDT			0	0	600K	0	Thunderstorm Winds
Ashtabula County Countywide	13	1900EDT			0	0	60K	10K	Thunderstorm Winds
Geauga County Countywide	13	1904EDT			0	0	40K	0	Thunderstorm Winds
Huron County Countywide	13	1908EDT			0	0	100K	20K	Thunderstorm Winds
Wood County Countywide	13	1915EDT			0	0	10K	0	Thunderstorm Winds
Sandusky County Countywide	13	1919EDT			0	1	100K	20K	Thunderstorm Winds
Seneca County Countywide	13	1920EDT			0	0	80K	10K	Thunderstorm Winds
Medina County Countywide	13	1925EDT			1	2	180K	15K	Thunderstorm Winds
Summit County Countywide	13	1930EDT			0	0	160K	0	Thunderstorm Winds
Portage County Countywide	13	1930EDT			0	0	80K	0	Thunderstorm Winds
Richland County Countywide	13	1930EDT			0	0	120K	10K	Thunderstorm Winds
Trumbull County Countywide	13	1940EDT			0	0	60K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Wayne County Countywide	13	1940EDT			0	0	60K	0	Thunderstorm Winds
OHIO, Northern Cont'd									
Ashland County Countywide	13	1945EDT			1	0	150K	30K	Thunderstorm Winds
Crawford County Countywide	13	1945EDT			0	0	40K	20K	Thunderstorm Winds
Wyandot County Countywide	13	1950EDT			0	0	30K	25K	Thunderstorm Winds
Henry County Countywide	13	1952EDT			0	0	6K	0	Thunderstorm Winds
Stark County Countywide	13	1952EDT			0	0	210K	0	Thunderstorm Winds
Hancock County Countywide	13	2000EDT			0	0	20K	0	Thunderstorm Winds
Mahoning County Countywide	13	2010EDT			0	0	30K	0	Thunderstorm Winds
Holmes County Countywide	13	2015EDT			0	0	70K	20K	Thunderstorm Winds
Knox County Countywide	13	2030EDT			0	0	20K	10K	Thunderstorm Winds
Morrow County Countywide	13	2030EDT			0	0	20K	0	Thunderstorm Winds
Marion County Countywide	13	2035EDT			0	0	15K	0	Thunderstorm Winds
<p>A line of severe thunderstorms (a derecho) roared south from Ontario and Michigan across Lake Erie and on shore at 50 mph crossing all of northern Ohio except the extreme northwest counties. Widespread wind damage occurred as winds gusted to 70 mph in many areas. Local wind gusts reached nearly 100 mph. Winds were measured at 88 mph in Avon (Lorain County) and Tiffin (Seneca), 87 mph in Stow (Summit), and estimated at 90 mph in western Geauga County. Numerous trees and limbs were downed, some on power lines, vehicles, and structures. It took days for some communities to clear the downed trees. Electricity was out in many areas into Friday morning, the 14th. A few areas went without power up to five days which caused the loss of food and other items requiring cooling as well as a serious inconvenience due to the ongoing heat wave. The roof was blown off an apartment complex in Elyria (Lorain County). The roof of a home in Ruggles Township (Ashland) was partially blown off. A 2,400 square foot roof of a farm building was blown off in Tully Township (Marion) and the roof was blown from a lumber yard in Mansfield (Richland). The shell of a church under construction was destroyed in Euclid (Cuyahoga). A barn was blown over in Oak Harbor (Ottawa) and the roof was blown from two barns in Holmes County where a silo was also blown over. The wall of a warehouse in Canton (Stark) was blown over and a wall was blown out of the Sinclair City Building in Myers Lake Village (Stark). Crop damage occurred in a number of areas, mainly from corn and other standing crops being blown down. A 37-year-old man was killed in Guilford Township (Medina) at a campground when a two foot diameter tree crashed through an outbuilding and struck him in the head. The nine other people in the building had hardly a scratch. A 71-year-old Frank Township (Ashland) man was killed when struck by a falling tree while he was on his riding mower. Two other injuries were reported in Seville (Medina) from people struck by falling trees. A 28-year-old man was injured when his truck struck a tree that was blown down in front of him on Sandusky County Road 175. Several people were in vehicles crushed by falling trees including a police officer in Elyria (Lorain) but were not injured. M37CA M710U</p>									
Henry County 3 N Napoleon	15	1455EST			0	0	2K	0	Thunderstorm Winds Hail (1.75)
Several trees were downed. Large hail fell but no property damage was reported from it.									
Marion County Marion	15	1510EST			0	0	2K	0	Thunderstorm Winds
Large limbs were downed.									
Williams County Countywide	15	1540EST			0	0	30K	0	Thunderstorm Winds
Trees were downed in several locations, some on power lines, vehicles, and structures. A barn was severely damaged.									
Knox County Fredericktown	15	1615EST			0	0	2K	0	Thunderstorm Winds
Large limbs were downed.									
Richland County Bellville	15	1640EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Fulton County Countywide	15	1654EST			0	0	8K	0	Thunderstorm Winds Hail (1.00)
Trees were downed in several locations including Archbold. Winds were reported at 60 mph in Delta. Large hail fell near the airport but no property damage was attributed to it.									
Richland County Clear Fork River	15	1700EST			0	3	0	0	Lightning
Three teenagers were injured as they sat in aluminum lawn chairs in front of a camper when lightning struck very close. The two women and a man suffered burns and numbness and were treated and later released.									
Fulton County 10 E Fayette	15	1715EST			0	0	0	0	Hail (1.75)
Ashland County Loudonville	15	1745EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									

OHIO, Northern Cont'd

Storm Data and Unusual Weather Phenomena

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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	
Trumbull County Countywide	15	1748EST			0	0	0	0	Hail (1.75) Large hail was reported at several locations.
Summit County Green Township	15	1752EST			0	0	0	0	Hail (0.75)
Wayne County Riftman	15	1805EST			0	0	2K	0	Thunderstorm Winds Large tree limbs were downed.
Ottawa County Countywide	15	1815EST			0	0	5K	0	Thunderstorm Winds Trees were downed at a number of locations, some on power lines.
Portage County Garrettsville	15	1830EST			0	0	2K	10K	Thunderstorm Winds Hail (1.00) Trees were downed. Large hail damaged some crops.
Mahoning County Lake Milton	15	1830EST			0	0	2K	0	Thunderstorm Winds Trees were downed.
Lorain County Elyria and Oberlin	15	1831EST			0	0	3K	0	Thunderstorm Winds Hail (1.00) Trees were downed, some on power lines. Large hail fell near Elyria but no damage from it was reported.
Medina County Wadsworth	15	1840EST			0	0	4K	0	Thunderstorm Winds Trees were downed.
Cuyahoga County Countywide	15	1835EST			0	0	40K	0	Thunderstorm Winds Hail (1.00) Trees and limbs were downed in a number of locations including Parma Heights and the west side of Cleveland. Power outages occurred aggravating the problem that some areas still had no power from the storm on the 13th. Large hail was reported at several locations on the west side of Cleveland but no damage was reported with it. Winds of 60 mph were reported in Garfield Heights. Tents were blown over at an arts festival in Westlake but no one was injured.
Summit County Countywide	15	1845EST			0	0	20K	0	Thunderstorm Winds Trees and large limbs were downed in a number of areas, some on power lines.
Medina County Lodi	15	1850EST			0	0	2K	0	Thunderstorm Winds Winds of 60 mph were reported. Limbs were downed, some on power lines.
Trumbull County Newton Falls	15	1855EST			0	0	3K	0	Thunderstorm Winds Trees and limbs were downed, some on power lines.
Lake County Countywide	15	1900EST			0	0	5K	0	Thunderstorm Winds Trees and limbs were downed, some on power lines.
Erie County Kelleys Island	15	1855EST			0	1	0	0	Lightning A 24-year-old woman was injured as she held onto the mast of a sailboat which was struck by lightning.
Erie County Castalia	15	1900EST			0	0	3K	0	Thunderstorm Winds Limbs and utility pole downed.
Huron County Countywide	15	1905EST			0	0	5K	0	Thunderstorm Winds Trees and limbs were downed in several locations including Wakeman.
Erie County Northeast part	15	1910EST			0	0	25K	0	Flash Flood
Lorain County North part	15	1915EST			0	0	60K	0	Flash Flood Thunderstorm rains of two to three inches in little more than an hour produced flooding of streets, basements, and small streams.
Lake County Wickliffe	15	1924EST			0	0	3K	0	Thunderstorm Winds Winds were reported at 60 mph and trees were downed.
Mahoning County Beaver Township	15	1930EST	.1	15	0	0	20K	0	Tornado (F0) A small tornado touched down at Lasher Road and was witnessed by several residents. The storm moved southwest to northeast taking out trees and damaging the roof of a barn and a house.
OHIO, Northern Cont'd									
Cuyahoga County Chagrin Falls	15	1930EST			0	0	4K	0	Thunderstorm Winds
Geauga County Bainbridge	15	1935EST			0	0	4K	0	Thunderstorm Winds Trees were downed.
Cuyahoga County									

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Countywide	15	1935EST			0	0	800K	0	Flash Flood
Thunderstorm rains of two to three inches fell on saturated ground in less than an hour and a half producing widespread flooding of streets, poor drainage areas, and basements. The Cain Park Amphitheater was flooded and had to be evacuated. A popular night club in Cleveland located in a basement became flooded and patrons had to leave through knee deep water. About 500 basements were flooded in North Olmsted and numerous basements were reported flooded in South Euclid.									
Portage County Mantua	15	1935EST			0	0	3K	0	Thunderstorm Winds
Trees were downed.									
Cuyahoga County Brookpark	15	1938EST			0	0	150K	0	Thunderstorm Winds
Hundreds of trees were downed, several on houses, vehicles, and power lines. The roof of a paper company was partially blown off. The damage was confined to a relatively small area and probably occurred from a downburst.									
Trumbull County North half	15	1945EST			0	0	12K	0	Thunderstorm Winds
Trees were downed in several locations including numerous trees downed in Gustavus.									
Geauga County Countywide	15	2012EST			0	0	80K	0	Flash Flood
Portage County Countywide	15	2020EST			0	0	50K	0	Flash Flood
Thunderstorm rains of two to three inches in less than two hours on saturated ground produced widespread flooding of streets, small streams, and basements, especially in Mantua and Streetsboro.									
Lucas County Toledo	16	1440EST			1	0	3K	0	Thunderstorm Winds
Large limbs were downed. A 28-year-old man was killed after he unknowingly touched a vehicle which was in contact with a live electric line which had been downed after tree limbs were blown down across the wires. M28VE									
Crawford County New Washington	16	1539EST			0	0	0	0	Hail (0.75)
Richland County South of Lexington	16	1630EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Ashland County Countywide	16	1650EST			0	0	2K	0	Thunderstorm Winds
Trees and limbs were downed, some on power lines.									
Trumbull County McDonald	16	1750EST			2	0	0	0	Lightning
Lightning struck a tree at an outdoor wedding reception and ricocheted off the tree hitting two brothers who were playing horseshoes. The 36-year-old died at the scene and his brother, the groom, age 29, died the following day. M36UT M29UT									
Morrow County Edison	16	1753EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Knox County Fredericktown	16	1815EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Lorain County Avon Lake	16	1910EST			0	0	0	0	Thunderstorm Winds
Winds of 60 mph were reported.									
Cuyahoga County Cleveland	16	1942EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Geauga County Countywide	16	1957EST			0	0	5K	0	Thunderstorm Winds
Trees were downed at a number of locations including Chesterland and Claridon.									
Wyandot County South of Upper Sandusky	16	2010EST			0	0	3K	0	Thunderstorm Winds
Trees were downed.									
OHIO, Northern Cont'd									
Crawford County Bucyrus and Galion	16	2019EST			0	0	15K	0	Flash Flood
Several thunderstorms occurred within several hours and flooding of streets and poor drainage areas was common as well as some basement and small stream flooding. Rainfall of 4.25 inches was measured at Galion 4W.									
Summit County Peninsula	16	2035EST			0	0	2K	0	Thunderstorm Winds
Trees were downed.									
Ashtabula County Ashtabula	16	2050EST			0	0	0	0	Thunderstorm Winds
Winds were measured at 62 mph at the lighthouse.									
Cuyahoga County									

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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	
Near Chagrin Falls	16	2050EST			0	0	5K	0	Flash Flood
									Heavy thunderstorm rains caused flooding of small streams and streets.
Portage County Ravenna	16	2122EST			0	0	15K	0	Thunderstorm Winds
									Trees were downed. A chapel at a local cemetery suffered significant damage from a large fallen tree.
Ashtabula County Andover	16	2200EST			0	1	0	0	Lightning
									A 49-year-old man working for the utility company repairing storm damage to some lines was struck by lightning and had to be treated.
Mahoning County Canfield	16	2240EST			0	0	0	0	Hail (0.75)
Summit County South Half	25	1409EST			0	0	15K	0	Flash Flood
									Heavy thunderstorms rains generated flash flooding on several small streams, streets and poor drainage areas. An observer in Clinton reported 1.5 inches of rain in 20 minutes. Pavement buckled on Firestone Boulevard in Akron from the rushing water and several vehicles were stranded in the high water in the area.
Portage County Rootstown	25	1426EST			0	0	0	0	Thunderstorm Winds
									Large limbs were downed.
Summit County Akron area	25	1430EST			0	1	0	0	Lightning
									A 36-year-old man was shocked as he climbed into his truck from a nearby lightning strike. An object nearby was suspected to have been struck, not the truck.
Portage County Ravenna and Kent	25	1435EST			0	0	10K	0	Flash Flood
									Flooding of streets, small streams, and poor drainage areas occurred from thunderstorm rains that brought two inches of rain in less than an hour on top of saturated ground.
Trumbull County Lordstown	25	1545EST			0	0	2K	0	Flash Flood
									Street flooding was reported from heavy thunderstorm rains.
Ashtabula County Near New Lyme	25	1545EST			0	0	0	0	Flash Flood
									Heavy thunderstorm rains of about three inches in less than two hours produced flooding of small streams and poor drainage areas, mostly in the outlying rural area.
Erie County North part	25	1810EST			0	0	15K	0	Flash Flood
									Heavy thunderstorm rains caused flooding of small streams, streets, poor drainage areas, and basements. Rainfall of 3.22 inches in less than two hours was reported in less than two hours.
Williams County Melbourne	26	1315EST			0	0	15K	0	Thunderstorm Winds
									Trees were downed, at least one on a house.
Defiance County Defiance	26	1345EST			0	0	6K	0	Flash Flood
									Thunderstorm rains of about two inches in an hour on top of saturated ground resulted in flooding of streets and poor drainage areas.
OHIO, Eastern									
Columbiana County Unity	13	2025EST			0	0	0	0	Thunderstorm Winds (G65)
Tuscarawas County Sugarcreek	13	2035EST			0	0	0	0	Funnel Cloud
									A funnel cloud was reported by the public just west of Sugarcreek.
OHIO, Eastern Cont'd									
Columbiana County Bridgewater	13	2040EST			0	0	0	0	Funnel Cloud
									A funnel cloud, near Bridgewater, was reported by the sheriff's office.
Columbiana County Countywide	13	2045EST			0	0	2K	0	Thunderstorm Winds
									Numerous trees downed by thunderstorm winds.
Tuscarawas County Sugarcreek	13	2050EST			0	0	1K	0	Thunderstorm Winds
Bolivar	13	2050EST			0	0	1K	0	Thunderstorm Winds
									Numerous trees downed by thunderstorm winds.
Carroll County 4 N	13	2100EST			0	2	0	0	Thunderstorm Winds
Mechanicstown Countywide	13	2100EST			0	0	2K	0	Thunderstorm Winds
									Two people were injured by a falling tree north of Mechanicstown. Numerous trees and branches were downed across the county by thunderstorm winds.

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Tuscarawas County Countywide	13	2100EST- 2120EST			0	0	4K	0	0Thunderstorm Winds
Numerous trees and power lines downed by thunderstorm winds.									
Jefferson County Steubenville	13	2130EST			0	0	2K	0	Thunderstorm Winds
Trees and power lines downed by thunderstorm winds.									
Muskingum County Zanesville	13	2130EST			0	0	0	0	Thunderstorm Winds (G51)
Duncan Falls	13	2145EST			0	0	0	0	Thunderstorm Winds
Trees were downed by thunderstorm winds.									
Jefferson County Adena	13	2145EST			0	0	1K	0	Thunderstorm Winds
Toronto	13	2155EST			0	0	1K	0	Thunderstorm Winds
Trees downed by thunderstorm winds in Adena. A tree fell across power lines in Toronto. Large limbs were also downed.									
Monroe County Countywide	13	2200EST			0	0	1K	0	Thunderstorm Winds
A few trees and numerous branches were downed by thunderstorm winds, mainly across the northern half of the county.									
OHZ059 Belmont	15	1100EST- 1600EST			0	25	0	0	Extreme Heat
Approximately 25 people fell ill during a music festival just west of St. Clairsville. Temperatures were in the upper 90s, however, it was estimated that temperatures were 10-15 degrees hotter in the lower part of the arena's bowl in front of the stage. The approach of severe thunderstorms caused the event to be cancelled early.									
Belmont County Countywide	15	1615EST			0	0	4K	0	Thunderstorm Winds
Numerous trees and power lines were downed across the county.									
Belmont County St. Clairsville	15	1615EST			0	0	5K	0	Lightning
Lightning struck the county's Emergency Operations Center near St. Clairsville, damaging radio equipment, an antenna and phone lines.									
Belmont County St. Clairsville	15	1615 EST			0	0	5K	0	Lightning
Martins Ferry	15	1650EST			0	0	?	0	Flood/Flash Flood
A county road near St. Clairsville was covered with flood waters. Several streets in Martins Ferry were flooded. Doppler radar estimated around five inches of rain in a two to three hour period near Martins Ferry.									
Belmont County Morristown	15	1650EST			0	0	1K	0	Thunderstorm Winds
Trees were downed by thunderstorm winds near Morristown.									
Harrison County Cadiz	15	1650EST			0	0	5K	0	Lightning
A utility substation was struck and damaged by lightning and left the town without power for several hours.									
Muskingum County 2 W Zanesville	15	1735EST			0	0	0	0	Thunderstorm Winds
Large limbs downed by thunderstorm winds.									
Columbiana County 1 N East Palestine	15	1820EST			0	0	0	0	Hail (0.75)
OHIO, Eastern Cont'd									
Unity	15	1830EST			0	0	0	0	Thunderstorm Winds
Large branches were downed by thunderstorm winds in Unity.									
Belmont County St. Clairsville	15	1845EST			0	0	1K	0	Thunderstorm Winds
Power lines downed by thunderstorm winds in St. Clairsville.									
Columbiana County West Point	15	1925EST			0	0	0	0	Hail (0.75)
Columbiana County Winona	15	1926EST			0	0	0	0	Flood/Flash Flood
Flood waters covered several streets in Winona.									
Columbiana County 4 S Salem	15	1935EST			0	0	1K	0	Thunderstorm Winds
Large branches were downed and a tree fell across Route 410.									
Columbiana County Hanoverton	15	2025EST			0	0	1K	0	Thunderstorm Winds
Large branches and a tree, two feet in diameter, fell onto a road near Hanoverton.									
Columbiana County Salem	15	2100EST			0	0	0	0	Flood/Flash Flood
Salineville	15	2100EST			0	0	10K	0	Flood/Flash Flood

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<p>Numerous streets were covered with floodwaters in Salem. Nearly five inches of rain between 2015 and 2100EST in Salineville was reported by the county's Emergency Management Director. Streets were flooded with three to five feet of water. A few basements were also flooded.</p>									
Belmont County Flushing	15	2127EST			0	0	2K	0	Thunderstorm Winds
<p>Trees and power lines were downed by thunderstorm winds along Route 331 near Flushing.</p>									
Coshocton County West Lafayette	17	0030EST			0	0	1K	0	Thunderstorm Winds
<p>Trees downed by thunderstorm winds in West Lafayette.</p>									
Jefferson County Knoxville	17	0045EST			0	0	0	0	Hail (0.88)
Belmont County Bridgeport	17	0050EST			0	0	1K	0	Thunderstorm Winds
<p>Several large limbs were downed by thunderstorm winds and a fallen tree block one lane of U.S. 250.</p>									
Belmont County Bethesda	17	1350EST			0	0	2K	0	Thunderstorm Winds
Belmont	17	1355EST			0	0	2K	0	Thunderstorm Winds
<p>Numerous large trees and power lines were downed by thunderstorm winds in and between Bethesda and Belmont.</p>									
Belmont County St. Clairsville	17	1420EST			0	0	0	0	Flood/Flash Flood
<p>Street flooding was reported in St. Clairsville.</p>									
OHIO, Southeast									
Perry County New Lexington	13	2200EST			0	0	10K	0	Thunderstorm Winds
Morgan County McConnellsville	13	2200EST			0	0	5K	0	Thunderstorm Winds
Athens County Athens	13	2220EST			0	0	5K	0	Thunderstorm Winds
Jackson County Wellston	13	2255EST			0	0	5K	0	Thunderstorm Winds
<p>Thunderstorms moved rapidly south through Ohio, producing a gust front on its' leading edge. Trees and power lines were blown down. Winds gusted to around 60 mph.</p>									
OHZ0066-067-075-076-083-084-085-086-087	13 16				0	0	?	0	Heat Wave
<p>Temperatures peaked in the mid and upper 90s with dew points well into the 70s. It was so hot that a heat sink occurred on railroad tracks near The Plains in Athens County. A Comrail freight train had 16 cars derail around 1700 on the 13th. A chemical leak prompted a six hour evacuation in the vicinity.</p>									
Lawrence County Ironton	25	1545EST			0	0	2K	0	Thunderstorm Winds
Jackson County Wellston	26	1715EST			0	0	2K	0	Thunderstorm Winds
Vinton County Hamden	26	1810EST			0	0	2K	0	Thunderstorm Winds
OHIO, Southeast Cont'd									
Meigs County Rutland	26	1840EST			0	0	5K	0	Thunderstorm Winds
Pomeroy	26	1902EST			0	0	5K	0	Thunderstorm Winds
<p>Trees were uprooted and large branches fell across power lines. No major structural damage was reported.</p>									
Gallia County Gallipolis	27	1330EST			0	0	30K	0	Thunderstorm Winds
Gallia County 3 NW Gallipolis	27	1330EST-1430EST			0	0	0	0	Flash Flood
<p>A roof was blown off a house in Gallipolis. The wind toppled three trees onto a car, a shed, and a four wheeler. Small streams flooded Route 558. Urban flooding also occurred.</p>									
OHIO, Southwestern									
Madison County 2 S West Jefferson	04	1720EST			0	0	15K	0	Thunderstorm Winds
<p>Large trees were downed. A few large tree limbs fell onto a mobile home causing some damage.</p>									
Franklin County North Half	04	1740EST-1930EST			0	0	4K	0	Flash Flood
<p>Thunderstorm rains of one to two and one-half inches of rain in approximately 90 minutes resulted in flooding of a few streets, and poor drainage areas. Six to ten inches of standingwater was observed across U.S. Highway 40, two miles west of Columbus.</p>									
Franklin County North Half	04	1746EST-1754EST			0	0	5K	0	Thunderstorm Winds Hail (0.75)

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Several trees were downed, mostly in Worthington.									
Delaware County South Part	04	1800EST-			0	0	9K	0	Thunderstorm Winds
	04	1820EST							Numerous trees were downed. In Shawnee Hills, a large tent was toppled.
Licking County Granville	04	1835EST			0	0	0	0	Hail (0.75)
Allen County 4 SW Lima	13	2040EST			0	0	20K	0	Lightning
									Lightning and resultant fire damaged the Lost Creek Nursery.
Allen County East Half	13	2047EST-			0	0	5K	0	Thunderstorm Winds
	13	2057EST							Several trees and power lines were downed.
Union County Countywide	13	2052EST-			0	0	7K	0	Thunderstorm Winds
	13	2105EST							Trees and power lines were downed at several locations.
Logan County Countywide	13	2101EST-			0	0	6K	0	Thunderstorm Winds
	13	2110EST							Trees were downed at several locations.
Franklin County Northwest Part	13	2105EST			0	0	3K	0	Thunderstorm Winds
									Large trees were downed.
Delaware County Countywide	13	2106EST-			0	0	40K	0	Thunderstorm Winds
	13	2120EST							A strip mall under construction in southern Delaware County along Ohio Route 750 sustained extensive damage due to thunderstorm winds. Winds to 58 mph were measured in Delaware, and numerous power lines and trees were downed at several locations. Some trees fell onto vehicles and across roads.
Delaware County Delaware	13	2115EST			0	0	30K	0	Lightning
									The attic and second floor of a house were extensively damaged by fire started by lightning.
Champaign County Countywide	13	2127EST-			0	0	7K	0	Thunderstorm Winds
	13	2145EST							Trees were downed at several locations. Some trees fell into power lines and across roads.
OHIO, Southwestern Cont'd									
Franklin County North Half	13	2130EST-			0	0	6K	0	Thunderstorm Winds
	13	2137EST							Thunderstorm winds downed large trees and power lines.
Madison County Countywide	13	2130EST-			0	1	10K	0	Thunderstorm Winds
	13	2140EST							Large trees were downed at several locations. In Mechanicsburg, a wind gust was measured at 60 mph. Two miles southeast of Mechanicsburg, a tree fell onto a car and injured the 16-year-old female driver.
Clark County North Part	13	2142EST			0	0	3K	0	Thunderstorm Winds
									Several trees were downed.
Fairfield County Countywide	13	2205EST-			0	0	8K	0	Thunderstorm Winds
	13	2215EST							Trees were downed at several locations.
Clark County Central and South Parts	13	2207EST-			0	0	8K	0	Thunderstorm Winds
	13	2220EST							Large trees were downed at several locations. Some trees fell across roads in Springfield and New Castle.
Greene County Xenia and Yellow Springs	13	2220EST-			0	0	7K	0	Thunderstorm Winds
	13	2242EST							Several large trees were blown down.
Licking County Countywide	13	2225EST-			0	0	7K	0	Thunderstorm Winds
	13	2240EST							

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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	
			Trees were downed at several locations.						
Pickaway County Countywide	13	2232EST-			0	0	9K	0	Thunderstorm Winds
	13	2245EST	Trees were downed in numerous locations.						
Fayette County Bloomingburg	13	2240EST			0	0	3K	0	Thunderstorm Winds
			Large trees downed.						
Highland County Hillsboro	13	2312EST			0	0	3K	0	Thunderstorm Winds
			Several trees downed.						
Pike County Waverly	13	2315EST			0	0	3K	0	Thunderstorm Winds
			Trees were downed.						
Scioto County Wheelersburg and Lucasville	14	0000EST-			0	0	6K	0	Thunderstorm Winds
	14	0010EST	Power lines and trees were downed.						
Darke County Union County	15	1220EST			0	0	4K	0	Thunderstorm Winds
			Trees and power lines were downed.						
Preble County Eldorado Darke County Countywide	15	1245EST			0	0	0	0	Hail (0.75)
	15	1255EST-			0	0	2K	0	Flash Flood
	15	1415EST	Thunderstorm rains of nearly three inches in 90 minutes caused flooding of a few streets and poor drainage areas.						
Miami County East Central Part Miami County Countywide	15	1310EST			0	0	0	0	Hail (0.75)
	15	1315EST-			0	0	6K	0	Thunderstorm Winds Hail (0.75)
	15	1345EST	Trees were downed in several locations, while three-quarter inch hail fell at West Milton.						
OHIO, Southwestern Cont'd									
Shelby County Countywide	15	1330EST-			0	0	9K	5K	Thunderstorm Winds
	15	1345EST	Numerous trees and power lines were blown down, some across roads. Near Sidney a steel shed was blown off its base and thrown into a nearby corn field.						
Shelby County Sidney	15	1348EST			0	0	20K	0	Lightning
			An attic of a house was extensively damaged by fire started by lightning.						
Montgomery County North Part	15	1420EST-			0	0	10K	0	Thunderstorm Winds
	15	1430EST	Several large trees were downed, one onto a house which damaged the roof.						
Champaign County Carysville and Mechanicsburg	15	1424EST-			0	0	10K	0	Thunderstorm Winds Hail (0.75)
	15	1455EST	Several trees and power lines were downed in Caysville. One tree fell onto a house, causing some damage. Three-quarters inch hail fell at Mechanicsburg.						
Preble County South Part	15	1430EST-			0	0	4K	0	Thunderstorm Winds
	15	1440EST	Large trees were downed at several locations.						
Butler County Countywide	15	1500EST-			0	0	5K	0	Flash Flood
	15	1645EST	Nearly three inches of rain fell in 90 minutes resulting in flooding of streets, streams, and poor drainage areas. In Wayne Township, a bridge was water covered for a short time. High water was reported across State Route 4, south of Middletown.						
Greene County Jamestown	15	1505EST			0	0	2K	0	Thunderstorm Winds
			Several trees were downed.						
Butler County Countywide	15	1525EST-			0	0	6K	0	Thunderstorm Winds
	15	1540EST	Trees were downed in a number of locations.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Clermont County Union County	15	1600EST			0	0	35K	0	Lightning A lightning strike sparked a fire at the Georgetown East Apartments, severely damaging the roof and top floor. One hundred people were left homeless.
Champaign County 2 E St. Paris	16	1545EST			0	0	2K	0	Thunderstorm Winds Several large tree limbs were blown down.
Franklin County Columbus	16	1640EST			0	0	7K	0	Thunderstorm Winds Awnings were blown off two buildings in north Columbus, while several large tree limbs were blown down across the city.
Franklin County Countywide	16 16	1700EST- 1815EST			0	0	3K	0	Flash Flood Thunderstorm rains of nearly two inches in one hour caused flooding of some streets and low lying areas. A few roads in Columbus had two to three feet of water running across them for a short period of time.
Montgomery County Dayton	23	1615EST			0	0	3K	0	Thunderstorm Winds Large trees were downed, some across city streets.
Green County Bellbrook	23	1631EST			0	0	3K	0	Thunderstorm Winds Trees were downed and power lines were snapped.
Butler County Countywide	23 23	1650EST- 1815EST			0	0	3K	0	Flash Flood Thunderstorm rains of one to two inches in an hour caused flooding of city streets and low lying areas. Six to eight inches of water was reported across a couple of streets in Oxford.
Madison County London	23	1721EST			0	0	0	0	Thunderstorm Winds Winds measured to 58 miles an hour.
OHIO, Southwestern Cont'd									
Fairfield County 2 NW Lancaster	23	1836EST			0	0	2K	0	Thunderstorm Winds A few trees were blown down by winds measured at 60 mph.
Scioto County 3 E Portsmouth	23	2000EST			0	0	3K	0	Thunderstorm Winds Trees were downed, some across State Route 139.
Allen County Fort Shawnee	25 25	0645EST- 0700EST			0	0	3K	0	Thunderstorm Winds Trees and power lines were downed.
Butler County Sommerville	26	1315EST			0	0	3K	0	Thunderstorm Winds Several power lines were knocked down.
Montgomery County Countywide	26 26	1318EST- 1430EST			0	0	2K	0	Flash Flood Between one and two inches of rain fell in less than one hour causing flooding of some streets and low lying areas. One foot of water was found across State Route 48, just south of Dayton.
Preble County Louisburg	26	1322EST			0	0	3K	0	Thunderstorm Winds Several trees were uprooted.
Hamilton County East and South	26 26	1342EST- 1350EST			0	0	4K	0	Thunderstorm Winds Hail (0.75) Trees were downed in southern Cincinnati, while three-quarters inch hail was also reported.
Shelby County Countywide	26 26	1343EST- 1415EST			0	4	60K	0	Thunderstorm Winds Several trees and power lines were downed in numerous locations. At the county fairgrounds in Sidney, three people were injured as winds knocked tree limbs into tents. In extreme southern Shelby County, thunderstorm winds destroyed a mobile home and injured a 15-year-old girl inside. Winds also destroyed a grain bin.
Logan County West Part	26	1357EST			0	0	4K	0	Thunderstorm Winds Numerous large trees were downed.
Montgomery County Centerville	26	1400EST			0	0	3K	0	Thunderstorm Winds Hail (0.75) Power lines and trees were blown down.
Greene County Countywide	26	1410EST-							

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	26	1443EST			0	0	20K	0	Thunderstorm Winds
	A microburst, with winds estimated to be 70 to 100 miles an hour, uprooted several trees and damaged a roof, siding, and porch of a home two miles south of Cedarville. Trees and power lines were downed in numerous other locations.								
Clark County	26	1418EST-			0	0	6K	4K	Thunderstorm Winds Hail (1.75)
Countywide	26	1435EST			0	0	6K	4K	Thunderstorm Winds Hail (1.75)
	Trees were downed in several locations. Three miles south of Springfield, winds were measured at 65 mph. 60 mph winds were also measured at Charleston. Golf ball-size hail damaged crops.								
Logan County	26	1430EST			0	0	15K	0	Lightning
East Liberty	A lightning strike sparked a fire which damaged a garage.								
Butler County	26	1437EST-			0	0	4K	0	Thunderstorm Winds
South Half	26	1445EST-			0	0	4K	0	Thunderstorm Winds
	Trees and power lines were downed at several locations.								
Warren County	26	1445EST			0	0	2K	0	Thunderstorm Winds
Morrow	Trees were downed.								
Miami County	26	1455EST			0	0	3K	0	Thunderstorm Winds
Troy	Trees and power lines were downed.								
Logan County	26	1510EST-			0	0	7K	0	Thunderstorm Winds
South Part	26	1520EST			0	0	7K	0	Thunderstorm Winds
	Trees were downed, and a silo was blown over.								
OHIO, Southwestern Cont'd									
Franklin County	26	1530EST-			0	0	20K	0	Flash Flood
Countywide	26	1845EST			0	0	20K	0	Flash Flood
	Thunderstorm rains of two to three inches in less than two hours fell on saturated ground causing widespread street flooding. Some small streams, basements and poor drainage areas also flooded. Several roads, especially in Columbus, had to be closed due to high water. Several cars stalled in the high water in Columbus. High water was reported across Interstates 70 and 71. In Columbus, the accumulation of heavy rains caused a roof to collapse, leaving one family homeless.								
Fairfield County	26	1605EST			0	0	10K	0	Thunderstorm Winds
Pickerington	Thunderstorm winds blew over a silo.								
Licking County	26	1610EST			0	0	15K	0	Thunderstorm Winds
Newark	A roof was blown off a small building.								
Pike County	26	1615EST			0	0	2K	0	Thunderstorm Winds
Waverly	Trees were downed.								
Union County	26	1700EST-			0	0	3K	0	Flash Flood
South Half	26	1830EST			0	0	3K	0	Flash Flood
	Thunderstorm rains of between two and two and one half inches caused some street flooding and flooding of low lying areas. High water was observed across State Route 736.								
OHIO, Northwestern									
Williams County	15	1640EST			0	0	3K	0	Thunderstorm Winds
	A number of trees and powerlines were blown down across Williams County.								
Defiance County	22	1645EST			0	0	.02M	0	Thunderstorm Winds
	A 235 foot wall was blown down at a construction site just north of Defiance.								
Oklahoma (TUL) July 1995									
Creek County	02	1620CST			0	0	?	0	Thunderstorm Winds (G52)
6 SW Depew	A severe thunderstorm produced 60 mph winds six miles southwest of Depew.								
Osage County	03	0010CST			0	0	?	0	Hail (0.75)
Grainola	03	0015CST			0	0	?	0	Thunderstorm Winds (G52)
Washington County	03	0030CST			0	0	?	0	Hail (0.88)
Copan									
Nowata County	03	0130CST			0	0	?	0	Thunderstorm Winds (G52)
Lenapah	03	0130CST			0	0	?	0	Thunderstorm Winds Hail (0.75)
Delaware	03	0145CST			0	0	0.5K	0	Thunderstorm Winds
Nowata									
	Severe thunderstorms moved across northeast Oklahoma during the very early morning of July 3rd. Strong thunderstorm wind blew the tin siding off a barn in Nowata and also blew down large tree limbs in Nowata. Large tree limbs were also blown down in Delaware, and 60 mph winds blew down large tree limbs at Wah-sha-she State Park six miles northeast of Bowring. Thunderstorm winds also gusted to 60 miles an hour in Lenapah. Nickel-size hail fell at Copan, and dime-size hail fell at Grainola.								

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									and at Delaware.
Osage County Pawhuska	03	0300CST- 0300CST			0	0	?	0	Flash Flood
Washington County Bartlesville	03	0300CST- 0330CST		0	0		0		Flash Flood
Ramona	03	0300CST- 0330CST		0	0		0		Flash Flood
									Thunderstorms during the early morning of July 3rd produced very heavy rainfall which resulted in flash flooding in Osage and Washington Counties. Street flooding occurred in Pawhuska, in Bartlesville, and in Ramona.
Cherokee County Moody's	03	0530CST			0	0	?	0	Thunderstorm Winds (G52)
									A severe thunderstorm produced 60 mph winds in Moody's.
Creek County Kiefer	04	1558CST			0	0	?	0	Hail (0.75)
Tulsa County 4.5 WSW Bixby	04	1602CST	0.1	30	0	0	1.5K	0	Tornado (F0)
Okmulgee County 1.5 S Mounds	04	1604CST			0	0	?	0	Hail (1.00)
Tulsa County Glenpool	04	1607CST			0	0	?	0	Hail (1.00)
OHIO, Northwestern Cont'd									
2 S Glenpool	04	1607CST			0	0	?	0	Thunderstorm Winds
2 S Glenpool	04	1614CST			0	0	?	0	Hail (1.00)
Tulsa	04	1615CST			0	0	?	0	Hail (0.75)
Creek County Kiefer	04	1615CST			0	0	?	0	Hail (1.00)
Tulsa County Tulsa	04	1627CST			0	0	?	0	Hail (0.75)
Bixby	04	1630CST			0	0	?	0	Thunderstorm Winds
Okfuskee County Mason	04	1630CST			0	0	?	0	Hail (1.75)
Okmulgee County 1 S Beggs	04	1640CST			0	0	?	0	Hail (0.75)
Tulsa County Broken Arrow	04	1645CST			0	0	?	0	Thunderstorm Winds Hail (0.75)
Tulsa/Wagoner Counties 2.5 SE Broken Arrow	04	1645CST			0	0	?	0	Thunderstorm Winds Hail (0.88)
Rogers County 1 W Inola	04	1654CST			0	0	?	0	Hail (0.88)
Okfuskee County Okfuskee	04	1655CST			0	0	?	0	Hail (0.88)
Rogers County Inola	04	1701CST			0	0	?	0	Hail (0.88)
Wagoner County 1 W Coweta	04	1701CST			0	0	0.5K	0	Thunderstorm Winds
1 W Wagoner	04	1728CST			0	0	?	0	Thunderstorm Winds
Wagoner	04	1730CST			0	0	?	0	Thunderstorm Winds (G52)
Mayer County NR Locust Grove	04	1730CST			0	0	?	0	Hail (0.75)
Salina	04	1733CST			0	0	?	0	Thunderstorm Winds (G61), Hail (0.75)
4 E Salina	04	1740CST			0	0	?	0	Hail (0.75)
4 E Salina	04	1745CST			0	0	?	0	Hail (0.75)
Cherokee County Peggs	04	1745CST			0	0	?	0	Thunderstorm Winds (G56)
NR Tahlequah	04	1745CST			0	0	?	0	Thunderstorm Winds (G56)
Okmulgee County Okmulgee	04	1754CST			0	0	?	0	Hail (0.88)
Okmulgee	04	1758CST			0	0	?	0	Hail (1.25)
Delaware County 2 W Siloam Springs	04	1800CST			0	0	?	0	Thunderstorm Winds (G55)
Eucha	04	1801CST			0	0	?	0	Thunderstorm Winds (G61)
2 SW Jay	04	1808CST			0	0	?	0	Hail (0.88)
5 W Colcord	04	1808CST			0	0	?	0	Hail (0.88)
Muskogee County 1 NW Muskogee	04	1810CST			0	0	?	0	Thunderstorm Winds (G56)
Muskogee	04	1815CST			0	0	?	0	Thunderstorm Winds (G56)
Wagoner County 3 W Okay	04	1820CST			0	0	?	0	Hail (0.75)
Cherokee County Countywide	04	1820CST- 1830CST			0	0	200K	0	Thunderstorm Winds
Tahlequah	04	1820CST			0	0	100K	0	Thunderstorm Winds (G61)
NR Hulbert	04	1830CST			0	0	4K	0	Thunderstorm Winds (G56)
Hulbert	04	1830CST- 1930CST			0	0	?	0	Flash Flood
Pittsburg County McAlester	04	1830CST			0	0	?	0	Hail (0.75)
Adair County									

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					Killed	Injured	Property	Crops	
Watts	04	1855CST			0	0	?	0	Hail (0.75)
Watts	04	1900CST			0	0	?	0	Hail (0.75)
Haskell County Stigler	04	1900CST			0	0	?	0	Thunderstorm Winds
Pittsburg County McAlester	04	1905CST			0	0	?	0	Thunderstorm Winds
Cherokee County 5 N Cookson	04	1915CST			0	0	?	0	Thunderstorm Winds
Latimer County 9 W Wilburton	04	1915CST			0	0	?	0	Thunderstorm Winds
Wilburton	04	1925CST			0	0	?	0	Thunderstorm Winds (G52)
Sequoyah County Muldrow	04	1945CST			0	0	?	0	Hail (0.75)
Roland	04	1955CST			0	0	?	0	Hail (0.75)
Latimer County 10 S Wilburton	04	2000CST			0	0	?	0	Thunderstorm Winds
OHIO, Northwestern Cont'd									
Le Flore County Panama	04	2003CST			0	0	?	0	Hail (0.75)
Latimer County 2 W Talihina	04	2012CST			0	0	?	0	Thunderstorm Winds (G52)
Le Flore County Talihina	04	2015CST			0	0	?	0	Thunderstorm Winds
NR Talihina	04	2025CST			0	0	?	0	Thunderstorm Winds (G62)
McCurtain County 5 NE Bethel	04	2130CST			0	0	?	0	Thunderstorm Winds
Broken Bow Lake	04	2255CST			0	0	?	0	Thunderstorm Winds
<p>Severe thunderstorms moved across eastern Oklahoma during the late afternoon and evening of July 4th. The storms produced large hail, damaging winds, and one tornado. The tornado touched down briefly at 1602CST near the intersection of 171st Street South and Lewis Avenue 4.5 miles west southwest of Bixby. The tornado heavily damaged one barn and downed trees. The tornado was 30-yards wide, was on the ground for 200 yards, and was rated as an F-0. Straight-line Thunderstorm Winds caused heavy damage to several buildings throughout Cherokee County, and the Venture Drilling Building in Tahlequah was destroyed by 70 mph winds. Numerous trees and large tree limbs were also blown down in Tahlequah, and some vehicles were damaged by fallen trees. Damage in Tahlequah was estimated at \$100 thousand. A tractor semi-trailer was blown off the road just west of Wagoner, and an 80-foot radio tower was blown down by 65 mph winds near Hulbert. A fireworks stand was blown over by 60 mph winds in Wagoner, and strong thunderstorm winds just west of Coweta downed a two-foot diameter tree and 60 feet of fence.</p> <p>Trees and large tree limbs were blown down on the Tulsa/Wagoner County line 2.5 miles southeast of Broken Arrow, and nickel-size hail also fell at the same location. A three-foot diameter oak tree was blown down at the intersection of 151st Street South and Memorial Drive in the town of Bixby, and trees were also blown down two miles south of Glenpool, nine miles west of Wilburton, 10 miles south of Wilburton, in Talihina, five miles northeast of Bethel, and at Broken Bow Lake. Three-inch diameter tree limbs were blown down at the intersection of 111th Street South and Elm Street in Broken Arrow, and numerous large tree limbs were blown down in Stigler, in McAlester, and at Cherokee Landing State Park five miles north of Cookson. Thunderstorm winds gusted to 71 mph at an automated observing site near Talihina and to 70 mph in Salina and in Eucha. Thunderstorm winds gusted to 60 to 65 mph at several other locations in eastern Oklahoma. Golf ball-size hail fell at Mason, half dollar-size hail fell at Okmulgee, and quarter-size hail fell 1.5 miles south of Mounds, at Glenpool, two miles south of Glenpool, and at Kiefer. Dime to nickel-size hail fell at numerous other locations in eastern Oklahoma. The thunderstorms also produced very heavy rainfall in Cherokee County which resulted in street flooding in Hulbert.</p>									
Washington County Dewey	08	2058CST			0	0	10K	0	Thunderstorm Winds (G54)
1 S Dewey	08	2100CST			0	0	1K	0	Thunderstorm Winds
Osage County Burbank	08	2115CST			0	0	?	0	Thunderstorm Winds (G52)
Pawnee County Westport	08	2230CST			0	1	2M	0	Thunderstorm Winds (G87)
<p>An isolated severe thunderstorm moved south from Kansas into Osage County during the evening of July 8th. The storm produced 60 mph winds at Burbank, where a few large tree limbs were blown down. The storm then weakened as it moved south into Pawnee County, but a dry microburst occurred at Westport. Winds estimated at greater than 100 mph resulted in severe damage at the Westport Marina. A large boat dock, with 43 people on the dock, was lifted over 50 feet in the air. There was one minor injury to a person on the dock, and 20 boats that were tied to the dock were damaged. Damage at the Westport Marina was estimated at around \$2 million.</p> <p>Another dry microburst occurred to the east of the main storm in Washington County. Winds gusted to 62 mph in Dewey, where a mobile home was blown off its foundation and windows were blown out of a few homes and businesses. Windows were also blown out of a van on U.S. Highway 75 just south of Dewey.</p>									
Pittsburg County 5 N McAlester	20	1850CST			0	0	?	0	Thunderstorm Winds (G61)
NR McAlester	20	1850CST			0	0	?	0	Thunderstorm Winds
<p>A severe thunderstorm in Pittsburg County produced 70 mph winds five miles north of McAlester and strong winds which downed power lines near McAlester.</p>									
Osage County Prue	22	0150CST			0	0	?	0	Thunderstorm Winds (G52)
Creek County 5 SW Mannford	22	0150CST			0	0	1K	0	Thunderstorm Winds
Pawnee County Hallett	22	0154CST			0	0	?	0	Thunderstorm Winds (G52)
Washington County Bartlesville	22	0200CST			0	0	?	0	Thunderstorm Winds (G52)
Tulsa County									

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Tulsa	22	0205CST			0	0	?	0	Thunderstorm Winds (G52)
Severe thunderstorms moved across northeast Oklahoma during the early morning of July 22nd. Strong Thunderstorm Wind damaged an outbuilding 5 miles southwest of Mannford and several large tree limbs were blown down by 60 mile an hour winds in Prue and in Bartlesville. Thunderstorm Wind also gusted to 60 miles an hour in Hallett and in the city of Tulsa.									
Le Flore County Wister	22	1615CST			0	0	?	0	Hail (0.75)
A severe thunderstorm produced dime-size hail at Wister.									
Osage County Burbank	24	0030CST			0	0	?	0	Thunderstorm Winds
OHIO, Northwestern Cont'd									
Pawnee County Hallett	24	0055CST			0	0	?	0	Thunderstorm Winds (G56)
Creek County Drumright	24	0100CST			0	0	?	0	Thunderstorm Winds
Okfuskee County 5 W Okemah	24	0102CST			0	0	?	0	Thunderstorm Winds (G52)
Tulsa County Tulsa	24	0125CST			0	0	15K	0	Thunderstorm Winds
Okmulgee County 1 E Hectorville	24	0135CST			0	0	0.5K	0	Thunderstorm Winds
Tulsa County Broken Arrow	24	0140CST			0	0	?	0	Thunderstorm Winds
Muskogee County 1 N Muskogee	24	0158CST			0	0	?	0	Hail (0.75)
Webbers Falls	24	0200CST			0	0	10K	0	Thunderstorm Winds
Pittsburg County Ashland	24	0200CST			0	0	3K	0	Thunderstorm Winds
Indianola	24	0205CST			0	0	?	0	Thunderstorm Winds
McIntosh County 1 E Texanna	24	0225CST			0	0	15K	0	Thunderstorm Winds (G56)
Cherokee County 4 N Hulbert	24	0252CST			0	0	?	0	Thunderstorm Winds
Sequoyah County Sallisaw	24	0330CST			0	0	?	0	Thunderstorm Winds
Le Flore County Poteau	24	0330CST			0	0	0.5K	0	Thunderstorm Winds
Severe thunderstorms moved across eastern Oklahoma during the early morning of July 24th. Thunderstorm winds damaged boat docks and a mobile home one mile east of Texanna. Numerous large trees were also blown down blocking roads in the same area. A hand-held anemometer reached its peak speed of 65 mph one mile east of Texanna. Strong thunderstorm winds caused severe roof damage to one building in Webbers Falls, and several trees were blown onto roofs in Webbers Falls. Six cars were damaged at the intersection of 48th Street and Wheeling Avenue in the city of Tulsa when a large tree was blown down, and a barn roof was partially blown off one mile east of Hectorville.									
Strong thunderstorm winds blew canopies off mobile homes in Poteau, and trees were blown down and roofs were damaged by strong winds in Ashland. Several trees and power lines were blown down in Burbank and in Drumright, and trees were blown down four miles north of Hulbert and in Sallisaw. Numerous large tree limbs were blown down in Indianola, and a large part of a tree was blown down in Broken Arrow. Thunderstorm winds gusted to 60 to 70 mph in Hallett and to 60 mph five miles west of Okemah, and dime-size hail fell one mile north of Muskogee.									
Nowata County 7 N Nowata	25	1900CST			0	0	?	0	Thunderstorm Winds (G70)
Craig County Welch	25	1905CST			0	0	0.5K	0	Thunderstorm Winds (G65)
Nowata County 8 E Nowata	25	1915CST			0	0	?	0	Thunderstorm Winds (G52)
Craig County Welch	25	1920CST			0	0	?	0	Thunderstorm Winds (G65)
Nowata County 10 NE Nowata	25	1930CST			0	0	?	0	Thunderstorm Winds (G56)
Ottawa County Commerce	25	1930CST			0	0	?	0	Thunderstorm Winds (G61)
Picher	25	1945CST			0	0	?	0	Thunderstorm Winds (G52)
Delaware County Grove	25	1954CST			0	0	?	0	Thunderstorm Winds (G52)
6 NW Jay	25	1954CST			0	0	?	0	Thunderstorm Winds (G52)
Jay	25	2000CST			0	0	?	0	Thunderstorm Winds (G52)
Mayes County 2 S Adair	25	2001CST			0	0	?	0	Thunderstorm Winds
Rogers County Claremore	25	2040CST			0	0	?	0	Hail (0.75)
Delaware County Kansas	25	2050CST			0	0	?	0	Thunderstorm Winds
Rogers County Tiawah	25	2100CST			0	0	?	0	Hail (0.75)
Osage County Shidler	25	2112CST			0	0	?	0	Thunderstorm Winds (G52)
Mayes County 3.5 W Pryor	25	2114CST			0	0	?	0	Hail (0.75)
3.5 W Pryor	25	2115CST			0	0	?	0	Hail (0.75)

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					Killed	Injured	Property	Crops	
Pawnee County	25	2120CST			0	0	?	0	Thunderstorm Winds
Ralston	25	2125CST			0	0	?	0	Thunderstorm Winds
Osage County	25	2128CST			0	0	?	0	Thunderstorm Winds (G70)
8 W Pawhuska	25	2135CST			0	0	?	0	Thunderstorm Winds
12 W Hominy									
OHIO, Northwestern Cont'd									
Washington County	25	2140CST			0	0	?	0	Thunderstorm Winds (G52)
Copan	25	2140CST			0	0	?	0	Thunderstorm Winds
Adair County	25	2154CST			0	0	?	0	Thunderstorm Winds (G52)
Proctor	25	2155CST			0	0	?	0	Thunderstorm Winds
Osage County	25	2159CST			0	0	?	0	Thunderstorm Winds (G70), Hail (1.00)
12 E Hallett									
Osage County	25	2205CST			0	0	?	0	Hail (0.88)
NW True	25	2218CST			0	0	?	0	Thunderstorm Winds (G52)
Tulsa County	25	2220CST			0	0	?	0	Thunderstorm Winds (G56)
Tulsa	25	2225CST			0	0	?	0	Thunderstorm Winds (G52)
1 W Skiatook	25	2225CST			0	0	?	0	Thunderstorm Winds (G52)
Washington County	25	2225CST			0	0	?	0	Thunderstorm Winds
E Bartlesville	25	2230CST			0	0	?	0	Thunderstorm Winds
Pawnee County	25	2230CST			0	0	?	0	Thunderstorm Winds
12 E Hallett									
Osage County	25	2230CST			0	0	?	0	Thunderstorm Winds
Beegs	25	2230CST			0	0	?	0	Thunderstorm Winds
Drumright	25	2230CST			0	1	?	0	Thunderstorm Winds
Drumright	25	2230CST			0	0	?	0	Hail (1.00)
Drumright	25	2230CST			0	0	?	0	Thunderstorm Winds
Nowata County	25	2230CST			0	0	?	0	Thunderstorm Winds (G52)
New Alluwe	25	2230CST			0	0	?	0	Thunderstorm Winds (G52)
Wagoner County	25	2230CST			0	0	?	0	Thunderstorm Winds (G52)
Oneita	25	2235CST			0	0	?	0	Thunderstorm Winds
Creek County	25	2240CST			0	0	?	0	Thunderstorm Winds
5 NW Adair	25	2240CST			0	0	?	0	Thunderstorm Winds
White Oak	25	2250CST			0	0	?	0	Thunderstorm Winds
Vinita	25	2254CST			0	0	?	0	Thunderstorm Winds
Creek County	25	2254CST			0	0	?	0	Hail (0.88)
Bristow	25	2312CST			0	0	?	0	Thunderstorm Winds (G52)
Delaware County	25	2315CST			0	0	?	0	Thunderstorm Winds (G61)
NW Jay	25	2330CST			0	0	?	0	Thunderstorm Winds (G52)
McIntosh County	25	2330CST			0	0	?	0	Thunderstorm Winds
Okmulgee County	25	2330CST			0	0	?	0	Thunderstorm Winds (G70)
NR Schuller	25	2330CST			0	0	?	0	Thunderstorm Winds (G52)
Muskogee County	25	2330CST			0	0	?	0	Thunderstorm Winds
Cherokee County	25	2330CST			0	0	?	0	Thunderstorm Winds (G52)
Tahlequah	25	2330CST			0	0	?	0	Thunderstorm Winds (G52)
Adair County	25	2330CST			0	0	?	0	Thunderstorm Winds (G52)
Okfuskee County	25	2330CST			0	0	?	0	Hail (0.88)
15 W Okfuskee	25	2330CST			0	0	?	0	Hail (0.88)
Okfuskee County	25	2340CST			0	0	?	0	Thunderstorm Winds
Henrievette	25	2345CST			0	0	?	0	Thunderstorm Winds
Muskogee County	25	2350CST			0	0	?	0	Thunderstorm Winds
Webbers Falls	25	2350CST			0	0	?	0	Thunderstorm Winds
Haskell County	25	2350CST			0	0	?	0	Thunderstorm Winds (G52)
Pittsburg County	25	2353CST			0	0	?	0	Hail (0.75)
Canadian	25	0000CST			0	0	?	0	Thunderstorm Winds (G52)
McIntosh County	26	0035CST			0	0	?	0	Hail (0.75)
2 S W Eufaula	26	0040CST			0	0	?	0	Thunderstorm Winds (G52)
Sequoyah County	26	0055CST			0	0	?	0	Thunderstorm Winds (G52)
2 E Gore	26	0230CST			0	0	?	0	Thunderstorm Winds
Lattimer County	26	0230CST			0	0	?	0	Thunderstorm Winds
N Wilburton	26	0230CST			0	0	?	0	Thunderstorm Winds
Wilburton	26	0230CST			0	0	?	0	Thunderstorm Winds
LeFlore County	26	0230CST			0	0	?	0	Thunderstorm Winds
Heavener	26	0230CST			0	0	?	0	Thunderstorm Winds
McCurtain County	26	0230CST			0	0	?	0	Thunderstorm Winds
Valliant	26	0230CST			0	0	?	0	Thunderstorm Winds
Wright City	26	0230CST			0	0	?	0	Thunderstorm Winds

Severe thunderstorms moved across eastern Oklahoma during the evening of July 25th and very early morning of July 26th. One injury occurred in Drumright when strong winds blew a woman off the roof of her home. Numerous trees were also blown down in Drumright. Thunderstorm Winds gusted to 80 mph downed telephone poles seven miles north of Nowata, and a power pole was snapped and lines were downed by strong winds four miles east of Bartlesville. Strong thunderstorm winds partially downed a power pole in Henrievette, and large tree limbs were also blown down in Henrievette. Trees and power lines were blown down in Bristow and in Valliant, and trees and signs were blown down by 75 mph winds in Welch. Power lines were blown down two miles south of Adair and in Beegs, and 70 mph winds blew lines down in Commerce. 60 mph winds blew down power lines in Jay and in Wilburton. Strong thunderstorm winds downed large trees 12 miles west of Hominy, and a tree and several large tree limbs were blown down in White Oak. Trees were blown down in Kansas, near Moodys, in Beegs, in Shamrock, and in Bristow, and several trees were blown across power lines in Wright City. 80 mph winds blew down trees in Tahlequah, and trees were blown down by 60 mph winds in Stilwell. Large tree limbs were blown down in Ralston, in Proctor, five miles northwest of Adair, in Vinita, in Webbers Falls, and five miles west of Stigler. 60 mph winds also blew down large tree limbs two miles east of Gore. Thunderstorm winds gusted to 80 mph eight miles west of Pawhuska and 12 miles east of Hallett and to 70 mph an hour seven miles north of Eufaula. Thunderstorm winds gusted to 60 to 70 mph at the National Weather Service Forecast Office in Tulsa and to 65 mph 10 miles northeast of Nowata. Thunderstorm winds gusted to 60 mph at numerous other locations in eastern Oklahoma. Quarter-size hail fell 12 miles east of Hallett and at Drumright, and dime to nickel-size hail fell at numerous other locations in eastern Oklahoma.

Okfuskee County	26	0415CST			0	0	?	0	Hail (0.75)
Bearden									
Pittsburg County	26	0530CST			0	0	?	0	Hail (0.75)
Ashland									
An isolated severe thunderstorm moved from southern Okfuskee County to southwest Pittsburg County during the early morning of July 26th. This storm produced dime-size hail at Bearden and also at Ashland.									
Washington County	26	0548CST			0	0	?	0	Hail (0.75)
Bartlesville									
Rogers County	26	0630CST			0	0	?	0	Hail (0.75)
Talala									
Maves County	26	0710CST			0	0	?	0	Hail (0.88)
5 NW Adair									

Storm Data and Unusual Weather Phenomena

July 1995

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, Northwestern Cont'd

Nowata County Nowata	26	0712CST			0	0	?	0	Hail (1.00)
Mayes County 2 W Adair	26	0725CST			0	0	?	0	Hail (0.88)
Craig County 2 W Hollow	26	0820CST			0	0	?	0	Hail (1.75)
Pittsburg County 2 W Canadian	26	0835CST			0	0	?	0	Thunderstorm Winds (G52)
Cherokee County 5 N Cookson	26	0840CST			0	0	?	0	Hail (0.75)
Mayes County Adair	26	0850CST			0	0	?	0	Hail (1.00)
Strang	26	0910CST			0	0	?	0	Hail (1.25)
Craig County Centralia	26	0920CST			0	0	?	0	Hail (0.75)
Mayes County 3 SW Strang	26	0927CST			0	0	?	0	Hail (1.75)
2 E Salina	26	0950CST			0	0	?	0	Hail (0.88)
Craig County 4 NW Hollow	26	1000CST			0	0	?	0	Thunderstorm Winds
Delaware County 3 N Kansas	26	1135CST			0	0	?	0	Hail (0.75)
Kansas	26	1143CST			0	0	?	0	Hail (0.88)

Severe thunderstorms redeveloped in eastern Oklahoma during the morning of July 26th. Thunderstorm winds gusted to 60 mph two miles west of Canadian, and large tree limbs were blown down by strong winds four miles northwest of Hollow. Golf ball-size hail fell two miles west of Hollow and three miles southwest of Strang, and half-dollar-size hail fell at Strang. Quarter-size hail fell at Nowata and at Adair, and dime to nickel-size hail fell at several other locations in northeast Oklahoma.

OKLAHOMA, Extreme Southeast

McCurtain County 5 NE Bethel	04	2130CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
Broken Bow Lake	04	2255CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
Valliant	26	0205CST			0	0	0	0	Thunderstorm Winds Several trees and power lines were downed causing numerous power outages in Valliant.
Wright City	26	0230CST			0	0	0	0	Thunderstorm Winds Several trees were blown down across power lines.

OKLAHOMA, Western, Central, and Southeastern

Western, Central,
and Southeastern
OKZ004>053

July 1995

Seminole County 3 W Wewoka	02	0723CST			0	0	4	?	Lightning Lightning struck an oil tank battery three miles west of Wewoka in Seminole County, setting fire to three tanks.
Cleveland County 7 E Slaughterville	02	1815CST			0	0	?	?	Hail (2.00)
Seminole County Wewoka	02	1933CST- 1945CST			0	0	?	?	Hail (0.75)
Pottawatomie County Pearson	02	1940CST			0	0	?	?	Hail (0.75)
Seminole County Wewoka	02	2015CST- 2020CST			0	0	?	?	Flash Flood
Pottawatomie County 2 E Macomb	02	2020CST			0	0	?	?	Hail (1.00)
Pottawatomie County 4 S Tecumseh	02	2050CST			0	0	?	?	Hail (1.00)
Pottawatomie County 8 E Asher	02	2100CST			0	0	?	?	Hail (2.75)
Seminole County Konawa	02	2145CST			0	0	5	?	Thunderstorm Winds (G52)
Seminole County Konawa	02	2145CST			0	0	?	?	Hail (0.88)
Pottawatomie County 5 N Pearson	02	2200CST			0	0	?	?	Hail (1.75)
Pontotoc County Ada	02	2245CST			0	0	?	?	Hail (1.25)

OKLAHOMA, Western, Central, and Southeastern Cont'd

Pontotoc County Ada	02	2245CST			0	0	5	?	Thunderstorm Winds
Pontotoc County 3 SSE Ada	02	2252CST			0	0	?	?	Hail (1.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Pontotoc County 2 W Fittstown	02	2330CST			0	0	?	?	Thunderstorm Winds
Pontotoc County 2 W Fittstown	02	2345CST			0	0	?	?	Hail (0.88)
Coal County 2 E Clarita	03	0000CST			0	0	?	?	Hail (0.75)
Pontotoc County 7 S Fittstown	03	0015CST			0	0	?	?	Thunderstorm Winds
Johnston County 2 S Pontotoc	03	0045CST			0	0	?	?	Thunderstorm Winds (G52)
Coal County 2 E Clarita	03	0100CST			0	0	?	?	Hail (0.75)
Coal County 5 S Tupelo	03	0200CST			0	0	?	?	Flash Flood
Evening and late night severe thunderstorms in central and southern Oklahoma produced large hail, damaging winds, and flash flooding. Hail as large as baseballs was reported eight miles east of Asher in Pottawatomie County. Severe thunderstorm winds of 60 mph were reported two miles south of Pontotoc in Johnston County and in Konawa in Seminole County. Schools in Konawa suffered \$100 thousand in damage from the wind and hail. Other damage from severe thunderstorm winds and wind-driven hail occurred in Pontotoc County, largely in Ada. In Ada three large trees were downed, part of a garage roof was destroyed, a three-foot tree was blown over onto a car and house, and skylights were knocked out of a furniture store. Windows were broken out of a residence, a car showroom, and cars on four car lots. Fences and bleachers were damaged at a city park, several highway road signs were blown down, and a storage shed and block building were destroyed. Roofs throughout town suffered extensive damage from wind-driven hail, and several hundred birds roosting in trees were killed. Elsewhere in Pontotoc County, an 18-inch tree was blown over and numerous limbs were downed two miles west of Fittstown and two-inch limbs were downed seven miles south of Fittstown. Flash flooding occurred in Wewoka in Seminole County, where roads were closed in town. In Coal County five miles south of Tupelo, two feet of water flooded fields due to flash flooding of Clear Boggy Creek.									
Carter County Healdton	04	1620CST			0	0	?	?	Hail (0.75)
Seminole County 2 W Wewoka	04	1624CST			0	0	?	?	Hail (0.75)
Garvin County 2 W Wynnewood	04	1630CST			0	0	?	?	Hail (0.75)
Pontotoc County 9 NW Ada	04	1630CST			0	0	?	?	Hail (1.00)
Seminole County Konawa	04	1650CST			0	0	?	?	Hail (0.75)
Carter County 5 E Gene Autry	04	1700CST			0	0	?	?	Thunderstorm Winds
Carter County 5 E Gene Autry	04	1715CST			0	0	?	?	Hail (0.88)
Johnston County 5 S Mill Creek	04	1755CST			0	0	?	?	Hail (1.25)
Johnston County 3 N Ravia	04	1805CST	.05	30	0	0	3	?	Tornado (F1)
Carter County 5 S Lone Grove	04	1815CST			0	0	?	?	Hail (0.88)
Carter County 5 E Gene Autry	04	1830CST			0	0	?	?	Hail (0.88)
Johnston County W Ravia	04	1830CST			0	0	?	?	Hail (0.75)
Atoka County 1 NW Atoka	04	1850CST			0	0	?	?	Thunderstorm Winds (G52)
Coal County Olney	04	1850CST			0	0	?	?	Thunderstorm Winds
Atoka County Caney	04	1900CST			0	0	?	?	Hail (1.00)
Johnston County Coleman	04	1900CST			0	0	?	?	Hail (0.88)
Late afternoon and evening thunderstorms in southern and central Oklahoma produced large hail, severe winds, and one tornado. The tornado was reported three miles north of Ravia in Johnston County, where several large trees were downed and the roof was blown off a barn. The damage was rated as F1. The largest hail was also reported in Johnston County five miles south of Mill Creek, where hail as large as half-dollars fell. Severe thunderstorm winds downed an 18-inch tree in Carter County five miles east of Gene Autry and two-inch limbs in Olney in Coal County.									
Bryan County 2 SSE Yuba	05	0000CST			0	0	?	?	Thunderstorm Winds
Choctaw County 1 E Ord	05	0030CST			0	0	?	?	Thunderstorm Winds
Choctaw County Nr Hugo	05	0030CST			0	0	3	?	Thunderstorm Winds

OKLAHOMA, Western, Central, and Southeastern Cont'd

Early morning thunderstorms in extreme southeastern Oklahoma produced damaging winds. In Bryan County two miles south-southeast of Yuba, three Pecan trees were blown down. In Choctaw County six-inch limbs were downed one mile east of Ord and a two-foot tree was blown down on a new brick home near Hugo.

Kay County 4 NE Newkirk	08	2010CST			0	0	?	?	Thunderstorm Winds
Kay County Blackwell	08	2105CST			0	0	?	?	Thunderstorm Winds

Evening severe thunderstorms in Kay County downed four-inch limbs four miles east of Newkirk and in Blackwell.

Kiowa County

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
4 S Hobart to 5 SSE Hobart	09	1740CST-							
	09	1747CST	2.5	65	0	0	?	?	Tornado (F0)
An isolated tornado formed from a high-based thunderstorm in southwest Oklahoma. The tornado was spotted by the county sheriff and was described as a "landspout". It stayed on the ground for about eight minutes and was estimated at 45 to 65 yards wide. The tornado remained in open country and no damage occurred.									
Comanche County Fort Sill (FSI)	16	2115CST			0	26	?	?	Lightning
Lightning struck the support pole of a tent on Fort Sill Army Base, injuring all 26 occupants. Nine of the marines were admitted to the hospital for the night, three into the Intensive Care Unit. Most injuries were cuts and bruises from the collapse of the tent; however, some of the men reported feeling "tingling sensations" through the next day.									
Ellis County 2 NW Catesby	19	1920CST			0	0	?	?	Hail (0.88)
Ellis County 1 E Catesby	19	1930CST			0	0	?	?	Hail (1.00)
Woodward County 21 NNE Mooreland (OK Mesonet)	20	0010CST			0	0	?	?	Thunderstorm Winds (G73)
Woods County Freedom	20	0010CST			0	4	?	?	Thunderstorm Winds
Evening and late night thunderstorms in northwest Oklahoma dropped hail as large as quarters one mile east of Catesby in Ellis County. A few hours later a wind gust was measured at 84 mph at the Oklahoma Mesonet site in west of Freedom in Woodward County. Some damage from the strong winds was reported in Freedom, including highline poles downed, windows blown out of a house, and a large tree downed onto a camper.									
Caddo County Nr Cement	20	1432CST			0	0	?	?	Thunderstorm Winds (G52)
Caddo County Nr Cement	20	1432CST			0	0	?	?	Hail (0.88)
Grady County 1 NE Rush Springs	20	1507CST			0	0	?	?	Hail (0.75)
Grady County 1 NE Rush Springs	20	1507CST			0	0	?	?	Thunderstorm Winds (G63)
Garvin County Lindsay	20	1530CST			0	0	?	?	Thunderstorm Winds (G61)
Grady County 1 NE Rush Springs	20	1533CST			0	0	?	?	Thunderstorm Winds (G63)
Garvin County NErn Pauls Valley	20	1624CST			0	0	3	?	Thunderstorm Winds
Pontotoc County 3 NW Ada	20	1710CST			0	0	3	?	Thunderstorm Winds
Pontotoc County Ada	20	1726CST			0	0	?	?	Hail (0.88)
Pontotoc County 1 SW Byng	20	1726CST			0	0	?	?	Thunderstorm Winds (G56)
Pontotoc County 2 NW Ada	20	1745CST			0	2	3	?	Thunderstorm Winds
Severe thunderstorms in central and southern Oklahoma produced hail as large as nickels and severe winds that resulted in two injuries. A woman and her son were injured when a tree fell onto their car two miles northwest of Ada. They were driving home when the incident occurred, and fortunately only suffered minor injuries from the broken glass. In northeastern Pauls Valley in Garvin County, severe thunderstorm winds also blew a six-foot Pecan tree down through the roof of a home and felled several smaller trees as well. In Pontotoc County numerous kingles were blown away and part of a roof collapsed three miles northwest of Ada due to the severe winds. One mile southwest of Byng (also in Pontotoc County) a small tree was downed by wind estimated at 65 mph. Severe thunderstorm winds speeds up to 72 mph were reported one mile northeast of Rush Springs in Grady County. Nickel-sized hail was reported near Cement in Caddo County and in Ada in Pontotoc County.									
Comanche County Wrn Lawton	20	2045CST			0	0	?	?	Hail (0.75)
Stephens County Velma	20	2055CST			0	0	?	?	Hail (1.00)
Pontotoc County Roff	20	2220CST			0	0	?	?	Thunderstorm Winds (G52)
OKLAHOMA, Western, Central, and Southeastern Cont'd									
Pontotoc County 3 W Ada	20	2245CST			0	0	?	?	Thunderstorm Winds (G52)
Evening thunderstorms in southern Oklahoma produced hail as large as quarters in Velma in Stephens County. Wind gusts were also estimated at 60 mph in Roff and three miles west of Ada in Pontotoc County.									
Blaine County 4 NW Watonga	21	1600CST			0	0	?	?	Hail (1.00)
Blaine County 9 NW Watonga	21	1615CST			0	0	?	?	Hail (0.88)
Blaine County 2 S Greenfield	21	1700CST			0	0	?	?	Hail (0.75)
Blaine County 2 S Greenfield	21	1700CST			0	0	?	?	Thunderstorm Winds
Canadian County 6 NW Karns	21	1730CST			0	0	?	?	Hail (0.75)
Major County 2 N Fairview	21	1745CST			0	0	?	?	Hail (0.88)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Grant County Jefferson	21	1823CST			0	0	?	?	Hail (1.00)
Alfalfa County 1 S Jet	21	1850CST			0	0	?	?	Hail (0.75)
Caddo County 3 NW Binger	21	1856CST			0	0	?	?	Hail (0.75)
Caddo County Binger	21	1925CST			0	0	?	?	Hail (0.88)
Caddo County 3 E Eakly	21	2000CST			0	0	?	?	Thunderstorm Winds
Caddo County Binger	21	2030CST			0	0	?	?	Hail (0.88)
Harper County 6 SSE Lovedale	21	2130CST-			0	0	?	?	Hail (0.75)
	21	2200CST							
Washita County 2 S Retrop (OK Mesonet)	21	2140CST			0	0	?	?	Thunderstorm Winds (G54)
Woodward County 24 NNW Mooreland	21	2140CST			0	0	?	?	Hail (0.75) Thunderstorm Winds
Woods County 1 NE Alva	21	2200CST			0	0	5	?	Lightning
Woods County 2 SE Alva	21	2200CST			0	0	5	?	Lightning
Woodward County 22 NNE Mooreland (OK Mesonet)	21	2210CST			0	0	?	?	Thunderstorm Winds (G64)
Woods County 3 S Waynoka	21	2215CST			0	0	?	?	Thunderstorm Winds
Woodward County 4 S Freedom	21	2215CST-			0	0	?	?	Thunderstorm Winds (G61)
	21	2230CST							
Woods County 14 SE Waynoka	21	2300CST			0	0	3	?	Thunderstorm Winds
Major County Cleo Springs	21	2320CST			0	0	?	?	Thunderstorm Winds (G70)
Major County 3 E Meno (OK Mesonet)	21	2350CST			0	0	?	?	Thunderstorm Winds (G52)
Garfield County (END) Vance Air Force Base	22	0021CST			0	0	?	?	Thunderstorm Winds (G64)
Woods County 5 NE Waynoka	22	0130CST			0	0	4	?	Thunderstorm Winds
Payne County Stillwater	22	0300CST			0	0	4	?	Lightning

Thunderstorms developed in the late afternoon of the 21st and continued throughout the evening and into the early morning hours of the 22nd. Hail as large as quarters was reported four miles northwest of Watonga in Blaine County and in Jefferson in Grant County. The strongest reported wind speeds were estimated at 80 mph in Cleo Springs in Major County. Severe thunderstorm winds broke a three-inch fence post off at the ground two miles south of Greenfield in Blaine County. Severe winds also caused extensive tree and limb damage three miles east of Eakly in Caddo County and downed three-inch limbs 24 miles north-northwest of Mooreland in Woodward County. Four miles south of Freedom, also in Woodward County, winds estimated at 70 mph blew a large tree down across Highway 50. In Woods County limbs up to eight inches were downed in Little Sahara State Park three miles south of Waynoka, and many limbs up to four inches were downed and a windmill was severely damaged 14 miles southeast of Waynoka. Severe thunderstorm winds also derailed 20 railroad cars along a one mile stretch of track five miles northeast of Waynoka. Lightning from the thunderstorms ignited two fires in Woods County. One mile northeast of Alva lightning struck a brick

OKLAHOMA, Western, Central, and Southeastern Cont'd

home, and the resulting fire destroyed the two cars that were in the garage and almost completely destroyed the house. Lightning also struck and damaged a tank battery two miles southeast of Alva. In Payne County in Stillwater, lightning also struck and set fire to a house, resulting in \$30 thousand damage.

Roger Mills County 4 NW Reydon	22	2005CST			0	0	?	?	Hail (0.88)
Roger Mills County 4 NW Reydon	22	2005CST			0	0	?	?	Thunderstorm Winds (G52)
Woodward County 15 S Tangier	22	2030CST			0	0	?	?	Thunderstorm Winds
Ellis County Shattuck	22	2035CST			0	0	?	?	Hail (0.88)
Woodward County Woodward Airport	22	2105CST-			0	0	?	?	Thunderstorm Winds (G52)
	22	2115CST							
Custer County 4 WSW Weatherford (OK Mesonet)	22	2145CST			0	0	?	?	Thunderstorm Winds (G52)
Custer County Weatherford	22	2220CST			0	0	?	?	Thunderstorm Winds
Caddo County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Carnegie Caddo County	22	2222CST			0	0	?	?	Thunderstorm Winds (G61)
4 ENE Apache (OK Mesonet)	22	2300CST			0	0	?	?	Thunderstorm Winds (G50)
Grady County 3 W Chickasha	22	2330CST			0	0	?	?	Thunderstorm Winds
Cleveland County Norman	22	2340CST			0	0	?	?	Thunderstorm Winds (G52)
Cleveland County Noble	22	2345CST			0	0	?	?	Thunderstorm Winds
McClain County 1 W Newcastle	23	0000CST			0	0	?	?	Thunderstorm Winds
<p>Evening thunderstorms in western and central Oklahoma produced nickel-size hail four miles northwest of Reydon in Roger Mills County and in Shattuck in Ellis County. Severe thunderstorm winds were estimated at 70 mph in Carnegie in Caddo County. Limbs up to three inches were downed by severe thunderstorm winds 15 miles south of Tangier in Woodward County, two-inch limbs were downed in Weatherford in Custer County, and in Grady County widespread limbs up to two inches were downed and the power was out three miles west of Chickasha. In Cleveland County, 10-inch limbs were downed in Noble, and wind estimated at 60 mph blew down construction signs and two-inch limbs in Norman. In McClain County one mile west of Newcastle an eight-inch tree-top was snapped by severe thunderstorm winds.</p>									
Woods County 9 W Alva	23	1725CST			0	0	?	?	Hail (1.00)
Alfalfa County 5 SW Burlington	23	1805CST			0	0	?	?	Hail (1.00)
Alfalfa County Burlington	23	1810CST			0	0	?	?	Hail (0.88)
Grant County 5 S Wakita	23	1900CST- 1915CST			0	0	?	?	Thunderstorm Winds (G61)
Alfalfa County 10 W Wakita	23	1907CST- 1910CST			0	0	?	?	Hail (0.88)
Grant County 15 W Medford	23	1930CST			0	0	3	?	Thunderstorm Winds
Cotton County/ Comanche County 10 NNW Cookietown (8 SE Faxon)	23	2010CST	.5	30	0	0	?	?	Tornado (F0)
Cotton County 5 W Walters	23	2015CST			0	0	?	?	Hail (3.00)
Cotton County 6 NNW Cookietown	23	2016CST	.3	30	0	0	?	?	Tornado (F0)
Cotton County 7 S Walters	23	2017CST	.2	25	0	0	?	?	Tornado (F0)
Harmon County 5 W Hollis	23	2020CST			0	0	?	?	Hail (1.75)
Harmon County Hollis	23	2025CST			0	0	?	?	Hail (1.50)
Harmon County 5 E Hollis	23	2043CST- 2050CST			0	0	?	?	Hail (1.75)
OKLAHOMA, Western, Central, and Southeastern Cont'd									
Cotton County Walters	23	2050CST			0	0	?	?	Hail (1.75)
Beckham County Sayre	23	2100CST			0	0	?	?	Thunderstorm Winds
Jackson County 3 S Altus (OK Mesonet)	23	2105CST			0	0	?	?	Thunderstorm Winds (G63)
Cotton County Walters	23	2116CST			0	0	?	?	Hail (1.00)
Kiowa County Hobart Airport (HBR)	23	2120CST			0	0	?	?	Thunderstorm Winds (G60)
Kiowa County 4 SE Hobart (OK Mesonet)	23	2125CST			0	0	?	?	Thunderstorm Winds (G61)
Woods County 16 NNE Freedom (OK Mesonet)	23	2125CST- 2215CST			0	0	?	?	Thunderstorm Winds (G58)
Cotton County 5 W Walters	23	2130CST			0	0	3	?	Thunderstorm Winds
Greer County 2 N Reed	23	2130CST			0	0	?	?	Hail (0.75)
Harper County Buffalo	23	2130CST			0	0	?	?	Thunderstorm Winds
Washita County 2 S Retrop									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
(OK Mesonet) Tillman County 4 S Tipton (OK Mesonet)	23	2135CST			0	0	?	?	Thunderstorm Winds (G50)
Alfalfa County 1 SSW Cherokee (OK Mesonet)	23	2150CST- 2155CST			0	0	?	?	Thunderstorm Winds (G54)
Blaine County/ Caddo County/ Hydro	23	2155CST			0	0	?	?	Thunderstorm Winds (G52)
Ellis County Arnett	23	2200CST			0	0	4	?	Thunderstorm Winds
Harper County Laverne	23	2200CST			0	0	?	?	Thunderstorm Winds
Jackson County 3 S Altus	23	2200CST			0	0	?	?	Thunderstorm Winds
Tillman County Grandfield	23	2200CST- 2230CST			0	0	?	?	Hail (1.25)
Woodward County 21 NNE Mooreland (OK Mesonet)	23	2200CST			0	0	?	?	Thunderstorm Winds
Tillman County Frederick	23	2208CST			0	0	?	?	Thunderstorm Winds (G54)
Custer County Weatherford	23	2209CST			0	0	4	?	Thunderstorm Winds (G54)
Woods County Alva	23	2223CST			0	0	?	?	Lightning
Blaine County Watonga	23	2230CST- 2300CST			0	0	?	?	Thunderstorm Winds (G52)
Custer County Fay	23	2230CST			0	0	?	?	Thunderstorm Winds
Washita County Colony	23	2230CST			0	0	?	?	Thunderstorm Winds Hail (0.75)
Woodward County Mooreland	23	2230CST- 2240CST			0	0	4	?	Thunderstorm Winds
Woodward County Woodward	23	2230CST- 2240CST			0	0	?	?	Thunderstorm Winds
Woodward County 6 SE Mutual (OK Mesonet)	23	2230CST			0	0	?	?	Thunderstorm Winds (G56)
Dewey County Oakwood	23	2231CST			0	0	?	?	Thunderstorm Winds (G56)
OKLAHOMA, Western, Central, and Southeastern Cont'd									
Dewey County Oakwood	23	2231CST			0	0	?	?	Hail (1.00)
Dewey County 4 WNW Camargo (OK Mesonet)	23	2235CST			0	0	?	?	Thunderstorm Winds (G75)
Tillman County 3 WNW Grandfield (OK Mesonet)	23	2245CST			0	0	?	?	Thunderstorm Winds (G56)
Jackson County Altus	23	2250CST			0	0	?	?	Thunderstorm Winds (G69)
Jackson County 1 SSW Cherokee (OK Mesonet)	23	2250CST			0	0	?	?	Hail (1.00)
Comanche County Chattanooga	23	2255CST			0	0	3	?	Thunderstorm Winds (G50)
Comanche County Indianahoma	23	2255CST			0	0	3	?	Thunderstorm Winds
Blaine County 6 S Canton	23	2300CST			0	0	?	?	Thunderstorm Winds
Cotton County Devol	23	2300CST- 2315CST			0	0	3	?	Thunderstorm Winds
Tillman County Frederick	23	2300CST			0	0	5	?	Thunderstorm Winds
Blaine County Okeene	23	2305CST			0	0	4	?	Thunderstorm Winds (G70)
Canadian County 5 S Piedmont	23	2315CST- 2320CST			0	0	?	?	Thunderstorm Winds (G70)
Oklahoma County Oklahoma City at									Thunderstorm Winds (G52)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NW 36 and Sara Rd Canadian County	23	2317CST			0	0	?	?	Thunderstorm Winds (G71)
Nr Yukon Canadian County	23	2318CST			0	0	?	?	Thunderstorm Winds (G52)
5 S Piedmont Canadian County	23	2320CST			0	0	?	?	Thunderstorm Winds (G52)
El Reno and Yukon Canadian County	23	2320CST			0	0	4	?	Thunderstorm Winds
Mustang Oklahoma County (OKC) Oklahoma City	23	2320CST			0	0	4	?	Thunderstorm Winds (G80)
Will Rogers Airport	23	2324CST-							
	23	2353CST			0	0	?	?	Thunderstorm Winds
Major County 3 E Meno (OK Mesonet)	23	2325CST			0	0	?	?	Thunderstorm Winds (G58)
Canadian County Yukon	23	2330CST			0	0	?	?	Thunderstorm Winds (G52)
Kiowa County Snyder	23	2330CST			0	0	3	?	Thunderstorm Winds
Major County Fairview	23	2330CST			0	0	?	?	Thunderstorm Winds
Oklahoma County Srn Oklahoma City	23	2330CST			0	0	?	?	Thunderstorm Winds (G69)
Oklahoma County (PWA) Wiley Post Airport	23	2330CST			0	0	4	?	Thunderstorm Winds
Garfield County (END) Vance Air Force Base	23	2335CST			0	0	?	?	Thunderstorm Winds (G52)
Cleveland County (OUN) Norman	23	2335CST			0	0	?	?	Thunderstorm Winds (G54)
Oklahoma County/ Cleveland County Moore and Oklahoma City Metro Area	23	2335CST-							
	23	2355CST			0	2	7	?	Thunderstorm Winds
Garfield County Enid	23	2338CST			0	0	?	?	Hail (0.75)
Oklahoma County (OKC) Oklahoma City	23	2339CST			0	0	?	?	Thunderstorm Winds (G82)
OKLAHOMA, Western, Central, and Southeastern Cont'd									
Comanche County Lawton	23	2340CST			0	0	5	?	Lightning
Oklahoma County (TIK) Tinker Air Force Base	23	2340CST			0	0	?	?	Thunderstorm Winds (G83)
Kingfisher County Nrn Hennessey	23	2345CST-							
	24	0000CST			0	1	4	?	Thunderstorm Winds (G70)
Pottawatomie County Pink	23	2355CST			0	0	?	?	Thunderstorm Winds
Pottawatomie County Tecumseh	23	2355CST			0	0	?	?	Thunderstorm Winds
Oklahoma County (TIK) Tinker Air Force Base	23	2359CST			0	0	?	?	Thunderstorm Winds (G52)
Lincoln County 5 W Meeker	24	0000CST			0	0	?	?	Thunderstorm Winds
Cleveland County 3 S Stella	24	0010CST			0	0	?	?	Thunderstorm Winds
Noble County 7 SSE Red Rock (OK Mesonet)	24	0015CST			0	0	?	?	Thunderstorm Winds (G52)
Pottawatomie County Shawnee	24	0015CST-							
	24	0045CST			0	0	?	?	Thunderstorm Winds (G61)
Murray County Davis	24	0030CST			0	0	3	?	Thunderstorm Winds
Payne County Stillwater	24	0030CST			0	0	?	?	Thunderstorm Winds
Garvin County Stratford	24	0040CST			0	0	?	?	Thunderstorm Winds (G60)
Garvin County Pauls Valley	24	0045CST			0	0	3	?	Thunderstorm Winds
Stephens County Duncan	24	0045CST			0	0	5	?	Lightning
Murray County 4 NNE Sulphur									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
(OK Mesonet)	24	0050CST			0	0	?	?	Thunderstorm Winds (G50)
Pontotoc County	24	0052CST			0	0	?	?	Thunderstorm Winds (G60)
Ada	24	0055CST			0	0	?	?	Thunderstorm Winds
Lincoln County	24	0055CST			0	0	?	?	Thunderstorm Winds
Prague	24	0055CST			0	0	?	?	Thunderstorm Winds
Noble County	24	0055CST			0	0	?	?	Thunderstorm Winds
Morrison	24	0055CST			0	0	?	?	Thunderstorm Winds
Noble County	24	0055CST			0	0	?	?	Thunderstorm Winds
Perry	24	0055CST			0	0	?	?	Thunderstorm Winds
Comanche County	24	0100CST			0	0	4	?	Lightning
Lawton	24	0100CST			0	0	?	?	Thunderstorm Winds
Seminole County	24	0100CST			0	0	?	?	Thunderstorm Winds
Seminole	24	0110CST			0	0	?	?	Thunderstorm Winds
Hughes County	24	0110CST			0	0	?	?	Thunderstorm Winds
Atwood	24	0130CST			0	0	?	?	Thunderstorm Winds
Coal County	24	0130CST			0	0	?	?	Thunderstorm Winds
Tupelo	24	0130CST			0	0	4	?	Thunderstorm Winds
Kiowa County	24	0130CST			0	0	?	?	Thunderstorm Winds
5 W Hobart	24	0200CST			0	0	?	?	Thunderstorm Winds
Atoka County	24	0200CST			0	0	?	?	Thunderstorm Winds
1 W Wardville	24	0200CST			0	0	?	?	Thunderstorm Winds

Isolated thunderstorms developed in northwest Oklahoma during early evening on the 23rd. Within a few hours a second area of numerous thunderstorms began to develop rapidly in southwest Oklahoma. The thunderstorms spread into central portions of the state during the evening and many evolved into severe straight-line wind producing thunderstorms with distinctive bow-echo radar signatures. In summary, wind gusts to 97 mph, hail up to three-inch diameter, and three tornadoes were reported during this event. By far the most damaging storm of the night occurred in Oklahoma County as a severe thunderstorm with straight-line winds up to 97 mph moved through central Oklahoma and the Oklahoma City metro area between 2300 and midnight CST on the 23rd (midnight to 0100 amCDT on the 24th). As the storm approached western sections of the metro area, it began to cause significant damage in Canadian County. In El Reno a metal awning was destroyed, and in Yukon trees were downed, one onto a mobile home. The courthouse in Yukon suffered major roof damage which resulted in flooding of the offices inside. In Mustang, winds were measured at 82 to 92 mph. Two carports were destroyed, light poles were downed, and major tree and fence damage occurred. When the storm reached western Oklahoma County, wind speeds approached 100 mph. At the Weather Service Office at Will Rogers Airport in southwest Oklahoma City, winds were sustained at 36 to 70 mph from 2324CST to 2353CST. Gusts ranged from 58 to 96 mph with a peak of 96 mph at 2339CST. Damage throughout the county was extensive, with the heaviest damage in southern and western Oklahoma City. Dollar estimates of damage alone (not including clean-up costs or lost revenue) topped \$6.5 million. Cleanup costs likely added an additional \$2 million to the total. One-fifth of the city's traffic signals were damaged, about 100 in all; and an estimated 175,000 homes lost power in the Oklahoma City metro area, many for several days. Up to

OKLAHOMA, Western, Central, and Southeastern Cont'd

20,000 people were still without electricity the evening of the 26th, and electrical service was not completely restored until the 28th, five days after the storm. One employee of the electric company was killed while working on a high voltage line. At the Will Rogers Airport several windows were knocked out of the observation tower and the Weather Service Office at 2328CST. Windows were also broken out of numerous cars. At Wiley Post Airport eight hangars sustained significant roof damage, for an estimated \$1 million damage. An airplane was also turned 45 degrees from its original position. A building was destroyed near the 2000th block of Airport Road. Wind speeds at Tinker Air Force Base in Del City (a southeastern suburb of Oklahoma City) reached 97 mph, the highest measured wind speed of the event. Tinker Air Force Base suffered extensive damaged windows, roofs, and equipment stored in hangars. Nearby Rose State College also suffered significant roof and window damage valued at \$10 thousand. The Oklahoma State Fairgrounds sustained over almost \$1 million damage to signs and buildings. The greatest single cost was the bubblerooft of the International Trade Center which collapsed during the storm. Replacement of the roof and repair of the building cost \$746 thousand. A paper warehouse was heavily damaged when an outside concrete-block wall collapsed due to the severe winds. Damage to the warehouse and contents was estimated at \$1 million. University Hospital in downtown Oklahoma City received \$150 thousand damage; \$70 thousand to a Care-flight helicopter and \$80 thousand to the windows and roof of the hospital itself. The roof collapsed on four units of the Western Oaks Apartments at 7416 NW 23rd St, and a brick wall was blown down at 23rd and Vandament. Part of the roof of a Post Office collapsed at SW 57th and Agnew. A mobile home on the 5200th block of Peniel was blown onto its side, a mobile home on the 9000th block of NW 10th lost half of its roof, and a house lost one-quarter of its roof at 9717 Westlake. Two homes at SW 59th and May and a Pizza Hut at SW 82nd and Pennsylvania suffered significant roof damage. At SW 74th and Pennsylvania, a greenhouse was destroyed and gas pumps were overturned. Roof and gas pump damage was also reported at SW 74th and May. In Moore in northern Cleveland County, the east face of Westmoore High School was stripped away by the severe thunderstorm winds. Damage was estimated at \$25,000. Many homes in Moore suffered roof and structural damage, including parts of walls blown off the second story of one house. Ten blocks of power poles were downed along Santa Fe south of 4th on the Moore/Oklahoma City line. Sign and tree damage throughout Oklahoma and northern Cleveland Counties was too extensive to list. Over 200 trees were twisted or uprooted at the Oklahoma State Fairgrounds alone. Only two known injuries were attributed to the storm as it moved through the metro area. An elderly couple driving on Santa Fe south of 4th Street in Moore (Cleveland County) was injured by a falling utility pole. Both were treated and released by a local hospital. Elsewhere in central Oklahoma, severe thunderstorm winds in Pottawatomie County downed two-inch limbs in Pink and felled numerous trees and power lines in Tecumseh. In Shawnee, also in Pottawatomie County, winds estimated at 70 mph downed many limbs up to three inches. Severe thunderstorm wind estimated at 80 mph in northern Hennessey in Kingfisher County uprooted or snapped numerous 14 to 20-inch trees and power lines. Several residential and business roofs were damaged or removed. Glass windows and doors were broken throughout town. The Co-op also sustained damage to a nurse tank when a power pole fell on it. One large tree fell onto a mobile home, and another mobile home was blown over. One woman was injured when part of the wall of her apartment complex caved in. Severe thunderstorm winds downed two-inch limbs five miles west of Meeker and in Prague in Lincoln County. In Cleveland County three miles south of Stella, an 18-inch tree was downed, and numerous trees and limbs were downed in Norman. In Payne County large limbs and three trees were downed in Stillwater, and limbs up to four inches were snapped in Atwood in Hughes County. In Seminole County 1,500 residents of Seminole lost power due to trees blown over onto power lines. In northern Oklahoma severe thunderstorm winds estimated at 70 mph removed shingles and downed two-inch limbs five miles south of Wakita in Grant County. The roof and walls were blown out of a large metal machine shed 15 miles west of Medford in Grant County. In Harper County, two-inch limbs were downed in Buffalo and one-foot limbs were downed in Laverne. One-foot tree limbs were also downed in Arnett in Ellis County. In Woodward County numerous six-inch limbs were downed and the roof of a nursing home was partially blown off in Mooreland. In Woodward large trees were downed by winds clocked as high as 65 mph at the Woodward Airport. In Major County large trees and limbs were downed in Fairview, and in Noble County trees were uprooted and limbs were snapped in Perry and Morrison. In western Oklahoma one-foot tree limbs were downed in Sayre in Beckham

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
<p>County. In Washita County utility poles were downed and limbs and debris literally covered the streets of Colony. In Custer County in Fay two-inch limbs were downed. In Hydro on the Blaine/Caddo County line, eight utility poles were downed, trees were split, a peanut truck was overturned, the roof was blown off a shed, and a barn was destroyed. Elsewhere in Blaine County, two-inch tree limbs were downed in Watonga and six miles south of Canton. In Okeene winds estimated at 80 mph caused significant damage. A camper was thrown on its side and severely damaged, a church steeple was toppled, the roof was blown off a house, a large tree was uprooted, a carport was destroyed, and 16 utility poles were broken. Severe thunderstorm winds were also reported in southern Oklahoma. In Cotton County windows were blown out of a toll booth on Interstate 44 five miles west of Walters, and a two-foot tree was uprooted and 15 utility poles were downed in Devol. In Tillman County in Frederick the roof was blown off a vacant motel, windows were blown out of storefronts, and signs were blown down. In the immediate vicinity of Frederick a mobile home was destroyed, the roof was blown off a barn, trees were uprooted, and more than 70 utility poles were downed including 50 that were snapped off at the ground. At the Frederick Airport two airplanes and two hangars suffered an estimated \$30,000 damage. Elsewhere in Tillman County, two-inch limbs were downed in Grandfield. In Comanche County 23 utility poles were blown down in Indianola and Chattanooga, and in Kiowa County 21 poles were downed in Snyder. Five miles west of Hobart in Kiowa County a barn was destroyed by the strong winds. Trees, signs, power lines, and light poles were blown down in Pauls Valley in Garvin County and in Davis in Murray County. Severe thunderstorm winds downed limbs up to four inches in Tupelo in Coal County, and a one-foot tree limb was blown down onto a road one mile west of Wardville in Atoka County. The three tornados occurred from a single storm, mainly in Cotton County, around mid-evening on the 23rd. The first tornado was spotted on the Cotton/Comanche County line 10 miles north-northwest of Cookietown (which is eight miles southeast of Faxon). The tornado was on the ground for two minutes and moved little during that time. The second tornado occurred six miles north-northwest of Cookietown and lasted for one minute. The third tornado was spotted seven miles south of Walters. None of the tornados resulted in damage and all three were rated as F0. Three-inch hail also fell with this same storm in Cotton County five miles west of Walters on Interstate 44. Lightning struck and ignited the roof of a house in Weatherford in Custer County. Damage was estimated at \$28,000. In Comanche County lightning struck and set fire to a house in Lawton at 2340 CST, resulting in \$45,000 damage. A second house in Lawton was struck by lightning from a later storm (at 0100 CST on the 24th), resulting in \$10,000 damage. In Duncan in Stephens County lightning struck, ignited, and completely destroyed a house and its contents valued at \$92,000.</p>									
Alfalfa County									
Amorita	25	1915CST			0	0	?	?	Thunderstorm Winds (G52)
Grant County									
2 NW Gibbon	25	1930CST			0	0	?	?	Thunderstorm Winds (G52)
OKLAHOMA, Western, Central, and Southeastern Cont'd									
Woods County									
Lookout	25	1940CST			0	0	?	?	Hail (1.00)
Alfalfa County									
1 SSW Cherokee (OK Mesonet)	25	2040CST			0	0	?	?	Thunderstorm Winds (G51)
Kay County									
Sumpter	25	2040CST			0	0	?	?	Thunderstorm Winds (G52)
Alfalfa County									
Cherokee	25	2045CST			0	0	?	?	Thunderstorm Winds (G52)
Kay County									
Ponca City	25	2056CST			0	0	3	?	Thunderstorm Winds
Kay County									
Ponca City	25	2100CST			0	0	3	?	Lightning
Noble County									
Billings	25	2100CST			0	0	?	?	Thunderstorm Winds (G52)
Garfield County									
3 SE Breckenridge (OK Mesonet)	25	2130CST			0	0	?	?	Thunderstorm Winds (G55)
Noble County									
Perry	25	2130CST			0	0	?	?	Thunderstorm Winds
Oklahoma County									
Edmond	25	2245CST			0	0	?	?	Thunderstorm Winds
Payne County									
Stillwater	25	2305CST			0	0	4	?	Lightning
Logan County									
Coyle	26	0013CST			0	0	5	?	Lightning
Logan County									
Orlando	26	0030CST			0	0	?	?	Thunderstorm Winds (G52)
Noble County									
5 NW Perry	26	0045CST			0	0	?	?	Thunderstorm Winds (G52)
Lincoln County									
Chandler	26	0118CST			0	0	?	?	Hail (0.88)
Hughes County									
Holdenville	26	0515CST			0	0	3	?	Thunderstorm Winds
<p>Severe thunderstorms moved across northern Oklahoma during the evening of the 25th and continued into central Oklahoma into the early morning hours of the 26th. Hail as large as quarters was reported in Lookout in Woods County. Severe thunderstorm winds were measured at 63 mph at the Oklahoma Mesonet site three miles southeast of Breckenridge in Garfield County. Severe thunderstorm winds up to 60 mph blew down a six-inch tree two miles northwest of Gibbon in Grant County. In Ponca City in Kay County, winds blew a metal storage shed into the road and felled a tree onto a street. In Noble County in Perry a two-foot tree was felled, and in Oklahoma County in Edmond power lines were downed, knocking out power to 2,000 people. In Hughes County in Holdenville, trees and roofs were damaged by severe winds and at least one county road was blocked by a fallen tree. Lightning from the thunderstorms struck a chimney in Ponca City in Kay County, causing it to explode. No fire was started, and the damage was estimated at \$4000. In Payne County in Stillwater lightning struck and ignited a wood frame home, resulting in \$20,000 damage. In Coyle in Logan County lightning struck and set fire to a church steeple. The church, built in 1902, burned to the ground.</p>									
Johnston County									
2 S Coleman	31	1800CST			0	0	4	?	Thunderstorm Winds
<p>Severe thunderstorm winds downed limbs and uprooted trees two miles south of Coleman in Johnston County. A garage door was also damaged and a mobile home was shifted off its foundation by the severe winds.</p>									

Storm Data and Unusual Weather Phenomena

July 1995

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 Co. Goodwell	01	1935CST			0	0	0	0	Tstm Wind 52
Hooker	01	1945CST			0	0	0	0	Tstm Wind 52
8NW Guymon	01	1945CST			0	0	10K	0	Tstm Wind
Strong thunderstorms over the Oklahoma panhandle produced winds just over the severe threshdd. Northwest of Guymon some outbuildings were damaged.									
Texas Co. 5N Hooker	02	1834CST			0	0	0	0	Hail 100
Quarter size hail was reported by TV meteorologist.									
OREGON									
Umatilla County Pendleton	06	1230PST- 1430PST			?	?	5K	?	Thunderstorm Winds
An area of vigorous thunderstorms hit the Pendleton area in mid-afternoon. Trees were blown down and visibility at the airport was reduced to one-quarter mile in blowing dust by winds gusting to 55 mph.									
Grant County John Day	06	1245PST			?	?	?	?	Thunderstorm Winds (G50)
Baker County Enterprise	06	1500PST			?	?	?	?	Thunderstorm Winds
OREGON Cont'd									
Thunderstorm winds blew down trees in Enterprise.									
Umatilla County Pendleton	08	1630PST			?	?	15K	?	Thunderstorm Winds
Thunderstorm winds toppled an old concrete and wood wall in Pendleton, crushing several cars under the falling debris. Tall trees were also blown down in SE Pendleton.									
Jackson County Wimer	08	1636PST			?	?	70K	?	Thunderstorm Winds (G70)
Strong thunderstorm winds, estimated at 80 mph near Wimer, blew down numerous trees. Cars and buildings were reportedly damaged by falling trees and large tree limbs.									
Jackson County Multnomah and Clackamas Counties Portland	08	1636PST			?	?	?	?	Hail (1.75)
	09	0900PST- 1000PST			?	?	?	?	Urban Flood
A strong line of thunderstorms moved through the Portland area dumping around an inch of rain in a few hours, causing some street and basement flooding.									
Gilliam County Morrow County	09	1200PST- 1400PST			?	?	20M	30M	Hail (1.00-4.00) Thunderstorm Winds
Wasco County Umatilla County					?	?	?	?	Flash Flood
The most intense convective storm in years roared across East Central and Northeast Oregon in the early afternoon, leaving at least \$55 million in total damages in its wake. The storm was identified by Doppler Radar as a Supercell Storm, the type usually associated with severe thunderstorms and tornadoes in the Midwestern United States that rarely occur in the Northwestern United States. Most of the damages occurred between 1300 and 1400 in a narrow band from near Condon through Ione and Heppner to Hermiston, and then into Southeastern Washington. Even four months after the event damage estimates are unreliable, largely due to the rural nature of the area hardest hit. The best estimates of damages as of October are summarized below:									
CROP DAMAGES:					PROPERTY DAMAGES:				
Gilliam County					\$ 1 Million	Gilliam County			\$10 Million
Morrow and Umatilla Cos.					\$23 Million	Wasco County			\$ 8 Million
Wasco County					\$ 8 Million				
					-----				-----
						\$18 Million			
					Total	\$32 Million			
Most of the crop damages were due to the huge hail that fell in the area between Condon and Hermiston. Weather Service personnel who went on a site inspection July 10 were shown four inch hailstones that were kept in the freezer by several local residents. Hail diameters of 1.75 to 3.00 inches were fairly common along the storms path. The property damage in Gilliam County was also due to hail, which reportedly left only three houses with undamaged windows in the small town of Ione. The most common damages were house sidings and roofs riddled with holes, and dented cars with broken windshields. Other damages were inflicted by trees felled by high winds and flooded basements and washed out roads from rainfall that was estimated at .6 to 1.5 inches in 15 minutes in some places. In Wasco County, almost all of the damage was washed out rural roads. In addition, a tornado briefly touched down southeast of Hermiston. There were several reports of minor injuries to people who were struck by large hail, but no serious injuries were reported. Listed below are some selected storm spotter reports from the dozens that were received that day.									
Gilliam County Condon	09	1130PST			?	?	?	?	Hail (4.00)
Morrow County Ione	09	1205PST			?	?	?	?	Hail (1.75), Winds Damage
Morrow County Ione	09	1225PST			?	?	?	?	Hail (2.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Ione	09	1245PST			?	?	?	?	Flash Flood
									Reports of one to two feet of water flowing down Main Street. Mud flow on Highway 74 three miles west of Ione, Olex-Mcnab Road, five to 10 miles west of Ione, was washed out by a flash flood. Two people in Ione measured about one inch of rain in 10 minutes.
Hermiston County SE of Hermiston 1.5 mi SE of I-84 exit 182 along Butter Creek Hwy	09	1245PST	1	0	0	0	0	0	Tornado (F0)
									Workers at the Simplot Plant southeast of Hermiston spotted a tornado that touched down for about two minutes in a wheat field.
Umatilla County Lamb-Weston	09	1300PST			?	?	?	?	Hail (3.00)
Umatilla County Hermiston	09	1305PST			?	?	?	?	Hail (2.75)
Lane County Cottage Grove, Dexter, Eugene	19	1500PST-			?	?	?	?	Thunderstorm Winds
									Thunderstorm winds downed trees and power lines in a large area of Lane County.
OREGON Cont'd									
Douglas County Yoncalla	19	1545PST			?	?	?	?	Hail (0.75)
Baker County 20 E of Baker City	20	1300PST- 1400PST			?	?	?	?	Flash Flood
									Heavy rain from a thunderstorm caused water in a creek along Oregon Highway 86 to rise three to four feet in 10 minutes covering the highway.
Baker County W of Richland	20	1345PST			?	?	?	?	Hail (0.80)
Jackson County Medford	21	1440PST			?	?	?	?	Hail (1.40)
Jackson County Mt. Sexton	21	1630PST			?	?	?	?	Hail (0.75)
Jackson County Sams Valley	21	1625PST- 1655PST			?	?	?	?	Heavy Rain
									A thunderstorm dropped three-quarters inch of rain in 30 minutes.
Jackson County Medford	21	1715PST			?	?	?	?	Hail (1.50)
Lane County Junction City	21	1730PST			?	?	?	?	Flash Flood/Heavy Rain
									Heavy rain from a thunderstorm caused minor flooding along Canyon Creek. Rock slides blocked one lane of Highway 299 from Oregon Mountain to Junction City.
Josephine County Murphy	21	2040PST			?	?	?	?	Hail (1.50)
Jackson County Ashland	25	1500PST			?	?	?	?	Hail (1.00)
Jackson County Ashland	25	1510PST			?	?	?	?	Hail (1.75)
PENNSYLVANIA, Northwest									
Erie County West half	13	1920EST			0	0	15K	0	Thunderstorm Winds
									Trees were downed, some on power lines and some blocking roads.
Crawford County Countywide	13	1950EST			0	0	20K	0	Thunderstorm Winds
									Trees were downed, some on power lines. A boat was reported to have flipped on Conneaut Lake in the high winds and waves.
Erie County Elgin	15	0430EST			0	0	45K	0	Thunderstorm Winds
									A microburst likely struck a small area in which two barns suffered significant damage, and a silo was blown down into one of the barns. A cow inside was killed. Farm equipment near the barn was overturned. The roof and shutters of several nearby homes were damaged and numerous trees were downed.
Crawford County Greenwood Township	16	2059EST			0	0	2K	0	Thunderstorm Winds
									Trees were downed.
Crawford County Springboro	25	1535EST			0	0	10K	0	Flash Flood
Erie County Albion	25	1543EST			0	0	5K	0	Flash Flood
									Heavy thunderstorm rains of about two inches in about an hour produced flooding of streets and poor drainage areas.
PENNSYLVANIA, Eastern									
Adams County Heidlersburg	01 01	1247EST- 1500EST			0	0	?	?	Flood/Flash Flood

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Thunderstorms with heavy rain caused streams to flood around Heidlersburg. Water rose over one bridge forcing a road closure.									
Wyoming County Falls	01	1400EST			0	2	0	0	Lightning
									Lightning injured two campers at Highland Campground in Falls Township. The lightning struck two trees above them and apparently traveled down the trees into the saturated ground where they were standing.
Western Lackawanna County	01	1530EST- 1930EST			0	0	4K	0	Flood/Flash Flood
									Slow-moving thunderstorms dropped up to three inches of rain within one hour in western Lackawanna County. The flooding hit Ransom the hardest and washed out Maple and Fowles Roads.
PENNSYLVANIA, Eastern Cont'd									
Pike County Dingmans Ferry	01	1757EST			0	0	?	0	Lightning
									Lightning struck and charred the steeple of the Holy Trinity Lutheran Church in Dingmans Ferry.
York County Central	04 04	1545EST- 2030EST			0	1	8M	?	Flood/Flash Flood
									Severe flooding occurred in central York County as around 4.5 inches of rain fell within three hours. Hardest hit municipalities included Dover, Hellam, Manchester Spring Garden, Springettsbury, West Manchester and York. The injury occurred as flood waters swept away a firefighter checking a drainage ditch. The Prince Mobile Home Park in Hellam suffered the most concentrated damage (400K) as the Kreutz Creek flooded the park. Also, a fire started about 1730 EST as the flood water shorted wires and firefighters were unable to help until the utility turned off the power. Half the homes had major damage. Several homes were shoved off their foundations. The American Red Cross sheltered three families. Interstate 83 (three-mile stretch) and United States Route 30 near York were closed for three hours. Many roads were closed in Spring Garden and York. Flooded streams included Tyler Run and Mill Creek. There were 40 to 60 vehicle water rescues county wide. Two roofs collapsed in Springettsbury and York. Two vehicle dealerships in Springettsbury suffered flood damage to about 50 vehicles and service trucks. The back walls of Spring Garden Township garage washed away. The parking lot of the York Galleria Mall was flooded to the extent that flood waters flowed into the mall. Total damage throughout the county was estimated at \$8 million. This was the worst flood damage in York City since the remnants of Hurricane Eloise in September 1975.
Tioga County 12 W Morris	06	1321EST			0	0	?	?	Hail (0.75)
									Dime-size hail fell in Elk Township.
Clinton County Tylersville	06	1325EST			0	0	?	?	Thunderstorm Wind
									A severe thunderstorm uprooted trees in Tylersville.
Perry County New Germantown	06	1330EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm downed power lines in New Germantown.
Lycoming County Jersey Shore	06	1338EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm downed trees in Jersey Shore.
Cumberland County Shippensburg	06	1338EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm uprooted trees in Shippensburg.
Clinton County Lock Haven	06	1340EST			0	0	?	?	Thunderstorm Winds
									Severe thunderstorms knocked over power lines and trees in Lock Haven and nearby Mill Hall.
Tioga County Central	06	1345EST			0	0	?	?	Thunderstorm Winds
									Thunderstorms with damaging winds uprooted trees in Mansfield, Middlebury Center and Wellsboro.
Union County 3 W Mifflinburg	06	1345EST			0	0	?	?	Thunderstorm Winds
									Severe thunderstorms uprooted trees and flattened several corn fields just outside Mifflinburg.
Cumberland County 2 E Dickinson	06	1353EST			0	0	?	?	Thunderstorm Winds
									Uprooted trees blocked Mooredale Road in Dickinson Township and Springfield Road in West Pennsboro Township.
Columbia County 2 S Benton	06	1400EST			0	0	?	?	Thunderstorm Winds
									Trees and power lines were knocked over onto Pennsylvania State Route 254.
Cumberland County Carlisle	06	1406EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm uprooted trees in Carlisle. One tree landed on and damaged a mobile home in Weaver's Trailer Court.
Perry County Shermans Dale	06	1410EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm uprooted trees in Shermans Dale. An uprooted oak tree damaged the roof of one house.
Snyder County Selinsgrove	06	1420EST			0	0	?	?	Thunderstorm Winds
									Damaging wind gusts knocked over trees.
Bradford County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Troy	06	1430EST			0	0	3K	0	Thunderstorm Winds
		A severe thunderstorm knocked over trees and power lines in Troy.							
Dauphin County 1 NW Dauphin	06	1430EST	0.1	67	0	0	?	?	Tornado (F0)
PENNSYLVANIA, Eastern Cont'd									
5 E Dauphin	06	1435EST			0	0	?	?	Thunderstorm Winds
		A tornado briefly touched down just northwest of the town of Dauphin. The path length was only 300 feet. The tornado blew down or damaged about a dozen trees. The tornado embedded two branches in a hill east of the main damage. The same parent thunderstorm uprooted trees in Middle Paxton Township. Eight trees were uprooted on one property. No injuries were reported with either phenomena.							
York County Northern	06	1440EST- 1445EST			0	0	?	?	Thunderstorm Winds
		Severe thunderstorms uprooted trees in Dillsburg, Fairview Township, Lewisberry and Newberrytown. About 4,000 Pennsylvania, Power and Light customers lost power in the Harrisburg Region including northern York County.							
Lycoming County Loyalsockville	06	1445EST			0	0	?	?	Thunderstorm Winds
Sullivan County 3 N Muncy Valley	06	1445EST			0	0	?	?	Thunderstorm Winds
		Severe thunderstorms uprooted trees onto roadways in both Loyalsockville and on Windmere Road a couple of miles north of Muncy Valley.							
Bradford County Athens	06	1445EST- 1500EST			0	0	8K	0	Thunderstorm Winds
		A severe thunderstorm knocked over trees and power lines in Athens.							
Dauphin County Millersburg	06	1455EST			0	0	40K	0	Lightning
		Lightning struck the transmission tower of radio station LOVE 99. It traveled through the utility and broadcast lines and damaged equipment in the main control, news and production rooms. Lightning also rendered the phone system inoperative.							
Adams County Hampton	06	1500EST			0	0	?	?	Thunderstorm Winds
		Trees and power lines were knocked down in Hampton.							
Northumberland County Herndon	06	1505EST			0	0	?	?	Thunderstorm Winds
Shamokin	06	1515EST			0	0	?	?	Thunderstorm Winds
		Severe thunderstorms uprooted trees in Herndon, Shamokin and Coal Township.							
Columbia County Central	06	1530EST			0	0	?	?	Thunderstorm Winds
		A squall line of severe thunderstorms caused wind damage in Central Columbia County from Buckhorn to Berwick. Bloomsburg and Scott Township were the hardest hit municipalities. Siding was ripped from houses in Bloomsburg. There also was wind damage in Benton, Berwick, Buckhorn, Danville and Orangeville. About 6,000 Pennsylvania Power and Light customers lost power in Columbia and Northumberland Counties.							
Dauphin County Countywide	06	1530EST- 1730EST			0	0	?	?	Flood/Flash Flood
		Significant poor drainage flooding occurred throughout the county.							
Cumberland County Mechanicsburg	06	1535EST			0	0	?	?	Thunderstorm Winds
Eastern	06	1535EST- 1735EST			0	0	?	?	Flood/Flash Flood
		Trees were uprooted in Mechanicsburg and within nearby Upper Allen Township. Also, the thunderstorms dropped three inches of rain within in an hour over eastern Cumberland County. The heavy rain caused flooding of basements and streets and created sinkholes in Mechanicsburg.							
Lebanon County Lebanon	06	1600EST			0	0	?	?	Thunderstorm Winds
		Severe thunderstorms pulled down wires in Lebanon. About 700 of the 900 Metropolitan Edison Lebanon County customers to lose power during the storm were within Lebanon.							
Lebanon County Countywide	06	1620EST- 1830EST			0	0	?	?	Flood/Flash Flood
		Thunderstorms with heavy rain caused street and basement flooding.							
Schuylkill County Countywide	06	1630EST- 1830EST			0	0	?	?	Flood/Flash Flood
		Thunderstorms with heavy rain caused widespread drainage flooding throughout the county. Tremont and West Mahoning Township suffered the most flooding. Joliett recorded 2.4 inches of rain.							
Schuylkill County Pottsville	06	1630EST			0	0	?	?	Thunderstorm Winds
		A severe thunderstorm downed wires in Pottsville.							

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PENNSYLVANIA, Eastern Cont'd									
Luzerne County Dallas	06	1630EST			0	0	7K	0	Thunderstorm Winds
Wyoming County Tunkhannock	06	1630EST			0	0	1K	0	Thunderstorm Winds A squall line of severe thunderstorms knocked over trees and power lines in Dallas and Tunkhannock.
York County Southwest	06	1645EST- 06 1830EST			0	0	?	?	Flood/Flash Flood Thunderstorms with heavy rain (One to two inches fell within an hour in Hanover.) caused small stream and poor drainage flooding in southwestern York County. Three roads were closed because of small stream flooding in Penn Township. The Oil Creek Flooded 200 feet beyond its banks. A car was submerged in East Berlin. No injuries or major property damage were reported.
Lackawanna County Countywide	06	1700EST			0	0	10K	0	Lightning Lightning struck a transformer and caused about 7,000 Pennsylvania Power and Light customers to lose power.
Luzerne County Mountaintop Plymouth	06	1715EST- 06 1725EST			0	0	1K	0	Hail 75
Northumberland County Riverside	07	0115EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm knocked down trees over a cliff's edge on Pennsylvania State Route 54 known as "The Narrows. About 0430 Pennsylvania Power and Light Customers lost power for six hours because of the fallen trees.
Luzerne County Nanticoke	07	2030EST			0	1	0	0	Lightning Lightning struck and injured a security guard as he was closing an outside gate to a manufacturing plant.
Lancaster County Reinholds	07	2320EST			0	0	25K	0	Lightning Lightning struck the roof of a West Cocalico Township home. The ensuing fire burned a couple of freestyles, sheeting and shingles. Water damage occurred in other parts of the home. Fire and water damage were estimated at \$25,000.
Bradford County Towanda	10	Unknown			0	0	?	0	Lightning Lightning struck the Bradford County Courthouse and badly damaged the computer and phone equipment. Ironically, some damaged equipment replaced computer and telephone systems that a lightning hit in June damaged.
Synder County Beavertown	10	1825EST			0	0	?	?	Thunderstorm Winds Hail (1.75) A severe thunderstorm uprooted trees in Beavertown and golf ball-size hail made Shade Mountain snow covered.
Lackawanna County Moosic and Countywide	10	2200EST			0	0	?	0	Lightning
Luzerne County Countywide	10	2200EST			0	0	?	0	Lightning In Moosic, a lightning strike ignited a fire that burned down a building housing a granulator for sizing black powder at the GOEX Gunpowder Plant. A lightning strike of a Pennsylvania Power and Light transmission line caused power outages to 8,000 customers in Lackawanna and Luzerne Counties.
Lebanon County Indiantown Gap	10	2230EST			0	0	?	?	Lightning Lightning blasted and partially burned a Fort Indiantown National Guard Church Steeple by a lightning strike. Another lightning strike within Lebanon County killed two cows in North Lebanon Township.
Lebanon County Reistville	10	2248EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm uprooted trees in Reistville.
Carbon County Nesquehoning	10	2300EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm downed trees onto electrical wires in Nesquehoning. Lightning struck about four to five houses in the county, none with serious damage.
Adams County 5 NW East Berlin	10	2320EST			0	0	?	?	Thunderstorm Winds Trees were uprooted in Lake Meade, at least one fell onto a house.
Lehigh County Southeast	10	2330EST- 10 2335EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms uprooted trees in the west end of Allentown and in Upper Saucon Township. Pennsylvania State Route 378 was closed as six uprooted trees blocked the roadway.
Northampton County Eastern	10	2330EST-							
PENNSYLVANIA, Eastern Cont'd									
	10	2350EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms uprooted large trees in Easton and Palmer Township, two near the Lion's Pool in Palmer. A SKYWARN Spotter in Williams Township estimated wind gusts greater than 50 mph.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
York County Southwest	10	2350EST- 10 2355EST			0	0	?	?	Thunderstorm Winds Damaging winds uprooted trees in Hanover, Heidelberg Township and North Codorus Township in southwest York County.
Northampton County Danielsville	11	0145EST			0	0	?	0	Lightning Lightning struck a Danielsville house twice and damaged its roof and chimney. Debris from the strike damaged three cars.
Northampton County Bethlehem	11	0200EST			0	0	200K	0	Lightning Lightning struck the roof of a row house in South Bethlehem. The subsequent fire and smoke spread to the attics of the other attached houses. Fire damages heaviest in the first two homes, with smoke and water damage to the three other houses. Six families were displaced. Damage estimates were \$200 thousand.
Montgomery County Hatfield	11	0215EST			0	0	10K	0	Lightning Lightning struck the roof of a Hatfield Township house and damaged the attic. Frequent lightning strikes from this thunderstorm complex caused 11,200 Philadelphia Electric Company (PECO) customers to lose power in Montgomery County and an additional 6,000 customers in Bucks County.
Luzerne County Wilkes-Barre	11	1600EST			1	0	0	0	Lightning Lightning struck a tree and severed a large branch. The severed branch struck and killed a 91-year-old woman walking underneath it. (F91UT)
Schuylkill County 1 S Schuylkill Haven	11	1950EST			0	0	?	?	Hail (0.75) Large hail covered Sculps Hill.
Berks County Central	11	2050EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms uprooted trees in Muhlenberg, Reading and Leesport. The damaging winds flipped two vehicles onto their roofs. Leesport was the hardest hit municipality. Besides the fallen trees, the thunderstorm pulled down road signs and blew out store windows.
PAZ071 Philadelphia County	12	0900EST- 18 2200EST			33	?	?	?	Heat Wave
PAZ067>070	13	0900EST- 18 2200EST			3	?	?	?	Heat Wave
PAZ044-047	13	0900EST- 16 2200EST			0	?	?	?	Heat Wave
PAZ045-046-049> 053-056-057-059> 066	13	0900EST- 15 2200EST			4	?	?	?	Heat Wave
PAZ037>043-048- 054-055-058	14	0900EST- 15 2200EST			0	?	?	?	Excessive Heat An oppressive heat wave gripped most of Eastern Pennsylvania. It climaxed on the 15th as almost every location reported record breaking heat. The dew point temperatures, reached into the 80s across southern Pennsylvania that day, an almost unheard of phenomena. This, combining with sweltering temperatures produced an apparent temperature of 129 degrees in Philadelphia. The heat wave was broken for most of state the night of the 15th as a backdoor cold front helped trigger a complex of severe thunderstorms. Relief for southeast Pennsylvania had to wait for a second cold front to move through the evening of the 18th. Forty people died because of the heat, about 80 percent of them within Philadelphia. Heat related deaths occurred in Philadelphia (33), Delaware (2), Lancaster (2), Chester (1), Clinton (1) and York (1) Counties. Most often the individuals who died were in poor health, shut-ins, lived in attached brick housing and had no fans or air conditioning. In the Susquehanna Valley two deaths were the result of outdoor activities, an 80-year-old man was sealing his driveway in Lock Haven and an 85-year-old woman was found in a Shrewsbury corn field. Hospitals treated greater than 100 persons for heat exhaustion. Record breaking high temperatures on the 15th included 104F in Lancaster, 103F in Philadelphia (The highest in 29 years.) and Williamsport, 101F in Selinsgrove, 100F in Avoca, 99F in Harrisburg and 98F in Allentown. The excessive heat caused record demand to be reached by the Pennsylvania-New Jersey-Maryland Interconnection Association and Pennsylvania Power and Light on July 14th and Metropolitan Edison on the 15th. The excessive heat wreaked havoc as some roadways buckled. In Chester County, the Gay Street bridge was closed for 72 hours. Other roadway closures included Interstate 83 in York County, United States Route 422 in Montgomery County, United States Route 30, Pennsylvania State Routes 283 and 272 in Lancaster County and Pennsylvania State Route 248 in Northampton County. The excessive heat contributed to a prison riot in the Philadelphia Detention Center the night of the 14th and caused at least one water main break. Lastly, the heat wave took its toll on poultry and cattle. An estimated 1 million chickens died because of the heat in Pennsylvania, one-fifth of them in Lancaster County. Ninety-five percent of all chicken farms in Pennsylvania suffered losses. (M80OU), (F85OU), (M57VE), (M72PH), (M72PH), (F64PH), (M83PH), (M61PH), (F52PH), (M83PH), (M81PH), (F35PH), (M49PH), (M54PH), (M77PH), (M51PH), (F80PH), (F80PH), (F78PH), (F48PH), (F72PH), (F84PH), (M76PH), (F86PH), (F95PH), (M76PH), (F71PH), (M85PH), (M87PH), (F83PH), (M80PH), (F72PH), (F71PH), (M65PH), (F83PH), (M54PH), (F89PH), (M70PH)
PENNSYLVANIA, Eastern Cont'd									
									(??PH), (??PH)
Luzerne County Plymouth and Mountain Top	15	1615EST- 15 1625EST			0	0	0	0	Hail (1.00)
Cumberland County Newburg	15	2000EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm ripped down power lines in Newburg.
Northumberland County Watsonstown	16	0000EST			0	0	?	?	Thunderstorm Winds

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Union County Allenwood	16	0000EST			0	0	?	?	Thunderstorm Winds A severe thunderstorm over the West Branch of the Susquehanna River caused wind damage on both sides of the river. It downed trees and wires in Gregg Township and Watsontown.
Perry County Eastern	16	0015EST- 0030EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms caused wind damage in eastern Perry County. The hardest hit townships were Ickesburg, Landisburg and Newport.
Adams County Fairfield	16	0030EST			0	0	?	?	Thunderstorm Winds Wind damaging thunderstorms uprooted trees in Fairfield.
York County Northern and Southwest	16	0035EST- 0115EST			0	0	?	?	Thunderstorm Winds A complex of severe thunderstorms intensified as it moved across the Lower Susquehanna Valley. In York County wind damage was reported in all areas, except the extreme southeast. Wind damage occurred from Dillsburg southeast to Red Lion. In Winterstown the frame of a home under construction was bent sideways. The most damage occurred in the southwest part of the county in Fairview, Hanover, Heidelberg, Penn and West Manheim. In York, trash cans were flying through the streets. About 13,000 customers in Adams and York Counties lost power because of downed trees and power lines. Besides the wind, intense cloud to ground lightning sparked barn and house fires in Springettsbury, Stewartstown and West Manheim.
Cumberland County Wormleysburg	16	0100EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms uprooted a tree onto a car in Wormleysburg. Numerous large limbs were also torn down in Lemoyne.
Dauphin County Harrisburg Harrisburg Intl Airport (MDT) Southern	16	0110EST			0	0	1M	0	Thunderstorm Winds (G69)
	16	0110EST			0	0	?	?	Thunderstorm Winds (G52)
	16	0130EST			0	0	?	?	Thunderstorm Winds A complex of severe thunderstorms caused considerable wind damage, especially within the city of Harrisburg. Damage estimates in Harrisburg were around \$1 million as wind gusts reached 80 mph. Falling trees damaged twenty-five cars. The golf concession on City Island was destroyed. Fallen trees blocked thirty-four streets. At least two trees fell on houses. The fencing on the Walnut Street Bridge was damaged. The cupola 160 feet above the ground on the Payne Shoemaker Building was left leaning at a 45-degree angle. They removed it a couple of days later. Wind damage was not confined to Harrisburg. Near Middletown the two story high, 80-foot long cinder block wall of the Kunkel Elementary School addition was flattened. Numerous trees were downed in Hershey and Hummelstown and blocked at least two roads. About 40,000 Pennsylvania Power and Light customers lost power in Dauphin and Lancaster Counties.
Lebanon County Southern	16	0112EST- 0130EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms caused wind damage in Lebanon County south of United States 422. About 2,700 customers lost power. The hardest hit townships were West Cornwall and South Londonderry.
Lancaster County Northern and Central Southeast	16	0145EST- 0215EST			0	0	900K	?	Thunderstorm Winds
	16	0200EST- 0215EST			0	0	100K	?	Thunderstorm Winds A complex of severe thunderstorms caused tree and property damage in almost every township in the county. County wind damage estimate was around \$1 million. The hardest hit areas included Clay, Ephrata, Elizabethtown, Lititz, Manheim, Rapho, Warwick and West Donegal. The severe thunderstorm blew the roofs from four houses, two in Ephrata. Several homes in Lititz suffered structural damage. Barns near Manheim lost their siding. A 100-foot oak tree crushed a home in
PENNSYLVANIA, Eastern Cont'd									
									Warwick Township. More than a dozen major roads were closed by fallen trees. A vehicle was blown 10 feet off the road in Manor Township. Numerous trees were reported uprooted in Quarryville. About 36,000 Pennsylvania Power and Light (PPL) customers lost power in the county. This represented its largest power outage in five years. This complex of severe thunderstorms left 87,300 PPL customers or seven percent of its 29 county service area in the dark in Eastern Pennsylvania.
Luzerne County Wilkes-Barre	16	0200EST			0	0	?	?	Thunderstorm Winds Thousands were left without power in Wilkes-Barre as a combination of high winds and lightning strikes tore down trees and power lines.
Berks County Countywide	16	0200EST- 0215EST			0	0	?	?	Thunderstorm Winds Severe thunderstorms uprooted some widely scattered trees across the county.
Chester County Southeast	16	0215EST- 0225EST			0	0	?	?	Thunderstorm Winds A complex of severe thunderstorms caused wind damage in southeast Chester County. Hardest hit was New Garden Township.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>Almost every road south of Pennsylvania State Route 41 was impassable because of downed trees and power lines. Several trees fell on homes. In Avondale a house wall was blown out. Fallen trees closed 15 roads in Franklin Township. About 62,000 Philadelphia Electric Company (PECO) customers lost power, with 38,000 that occurred in Chester County. The lost power caused crop damage to several mushroom homes.</p>									
Delaware County									
Countywide	16	0220EST-							
	16	0230EST			0	0	?	?	Thunderstorm Winds
Delaware County									
Countywide	16	0245EST-							
	16	0255EST			0	0	?	?	Thunderstorm Winds
<p>Two separate severe thunderstorms caused wind damage in Delaware County. They caused widely scattered reports of downed trees and power lines throughout the county. This accounted for much of the remaining 24,000 Philadelphia Electric Company customers that lost power.</p>									
Berks County									
1 E Leesport	16	0245EST			0	0	?	0	Lightning
3 S Bernsville	16	0300EST			0	0	10K	0	Lightning
<p>Lightning struck and gutted a house in Ontelawnee Township. A male occupant died when he went back into the house to investigate the fire further. The smoke in a second floor bathroom felled him. His wife escaped uninjured. A separate lightning strike caused \$10,000 in damages in North Heidelberg Township. It struck and traveled from a tree to an electrical line that crossed the attic floor. Firefighters confined most of the damage to the attic.</p>									
Lancaster County									
Western	16	0730EST-							
	16	1130EST			0	0	?	?	Flood/Flash Flood
<p>Heavy rain from overnight thunderstorms pushed several streams above bankfull the morning of the 16th. The Little Chickies Creek in Mount Joy crested at 8.7 feet at 0800 EST. Flood stage is eight feet. Small stream flooding was also reported along the Little Conestoga. Parts of U. S. Route 30 were under water.</p>									
Lehigh County									
Fogelsville	17	1000EST			0	2	?	0	Lightning
<p>Lightning struck near the Little People Day School. It traveled into the school's electrical and water systems. A 47-year-old woman was shocked as she had her hands in running water. A 38-year-old woman was also shocked as she was turning on a light switch. About 2,500 customers in the Allentown area lost power because of the lightning strikes.</p>									
Northampton County									
Bethlehem	17	1000EST			0	0	?	?	Thunderstorm Winds
1 W Nazareth	17	1010EST			0	0	?	0	Lightning
<p>A severe thunderstorm uprooted several trees in the Farmersville section of Bethlehem. Lightning struck a house in Upper Nazareth. The ensuing fire damaged the wooden support beams under the slate roof and an upstairs closet.</p>									
Tioga County									
9 W Morris	17	1525EST			0	0	?	?	Thunderstorm Winds
Liberty	17	1600EST			0	0	?	?	Thunderstorm Winds
<p>Severe thunderstorms knocked down trees on wires in Leetonia and uprooted trees in Liberty.</p>									
Lancaster County									
Marietta	17	1830EST			0	0	?	?	Thunderstorm Winds (G70)
<p>Severe thunderstorms uprooted trees in Ironville and Marietta. A wind gust of 81 mph was recorded.</p>									
Luzerne County									
Wilkes-Barre	17	1845EST			0	0	?	?	Thunderstorm Winds
White Haven	17	1900EST			0	0	?	?	Thunderstorm Winds
<p>Severe thunderstorms downed trees and power lines on the west side of Wilkes-Barre, Nanticoke and White Haven. Lightning struck a couple of homes in the Wilkes-Barre area and reported only small damage. About 4,030 customers lost power.</p>									
York County									
Hanover	17	1904EST			0	0	?	?	Thunderstorm Winds
<p>Damaging winds knocked down trees onto wires in Hanover. Several roads were closed because of debris.</p>									
PENNSYLVANIA, Eastern Cont'd									
Lebanon County									
2 NE Kleinfeltersville	17	1910EST			0	0	?	?	Thunderstorm Winds
<p>Trees were knocked down by a severe thunderstorm in Mill Creek Township.</p>									
Lycoming County									
Hughesville	17	1920EST			0	0	?	?	Thunderstorm Winds
<p>A severe thunderstorm uprooted trees in Hughesville.</p>									
Lancaster County									
Mount Joy	17	1921EST			0	0	?	?	Thunderstorm Winds Funnel Cloud
Lancaster	17	1921EST			0	0	?	?	Thunderstorm Winds
<p>Severe thunderstorms knocked over trees in Lancaster and Mount Joy. A funnel cloud was sighted in Mount Joy, but never touched down. About 11,000 Pennsylvania Power and Light Customers lost power.</p>									
Lancaster County									
Western	17	1921EST-							
	18	0700EST			0	0	800K	?	Flood/Flash Flood
<p>Thunderstorms dropped copious amounts of rain during the evening of the 17th. In Mountville 3.5 inches of rain fell within 90 minutes. In Millersville and Manor Township storm totals of between four and five inches fell within two hours. In Manor Township the Little Conestoga Creek flooded and washed out two bridges. Flood waters went three-quarters of the way up the first floor of one house and caused the basement collapse of another house. Other streams exceeding flood stage included the Little Chickies, Chickies, West Branch of the Little Conestoga, Strickler Run and the Brubaker Run. The Brubaker Run in Rohrerstown went 7 feet beyond its banks and flooded a store and damaged a road. Scores of homes had basement flooding in Mountville, Landisville, Lancaster, West Lancaster, Hempfield and Manor Townships.</p>									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>About 75 vehicles were completely submerged with water rescues in Lancaster City and Mount Joy. A camper in West Hempfield Township was swept away by flood waters. Sowed six sheep. Columbia Avenue, Marietta Pike (Pennsylvania State Route 23), Harrisburg Pike, Pennsylvania State Routes 272 and 999 were closed due to flooding. No serious injuries were reported, but property damage was estimated at \$800 thousand.</p>									
Wayne County Southern	17	1930EST			0	0	?	0	Lightning
									Thunderstorms with frequent lightning cause power outages to 6,000 customers mainly in Hamlin, Lake Ariel, Lakeville and Varden.
Monroe County 1 NW Stroudsburg	17	1935EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm toppled trees in Stroud Township.
Bucks County Northern	17	2025EST			0	0	?	?	Thunderstorm Winds
									A severe thunderstorm tore down limbs from numerous trees in northern Bucks County. About 7,000 Philadelphia Electrical Company customers lost power in the metropolitan area, 3,200 of them in Bucks County.
Berks County Alsace Manor	17	2045EST			0	0	300K	0	Lightning
									A lightning induced fire destroyed three mushroom houses. Lightning struck one house. It then spread to the other two and roared uncontrolled for about an hour.
Bucks County 4 N Ivy Lane	17	2100EST			0	0	?	0	Lightning
									Lightning struck and the ensuing fire burned a barn to the ground. Two Arabian horses within the barn were rescued and unharmed.
Northampton County 1 W Nazareth	17	2100EST			0	0	?	0	Lightning
									Lightning struck a house in Upper Nazareth. The ensuing fire damaged its roof and eaves.
Bucks County Central and Southern	17	2115EST- 17 2300EST			0	0	?	?	Flood/Flash Flood
									A thunderstorm remained nearly stationary over central and southern Bucks County for about an hour. By 145 EST, a SKYWARN observer reported 5.25 inches of rain fell in Doylestown. The flash flooding washed out Pebble Hill Road and caused roadway flooding in the lower half of Bucks County.
Delaware County Northern	17	2345EST- 18 0115EST			0	0	?	?	Flood/Flash Flood
									Slow-moving thunderstorms dropped 3.75 inches of rain within one hour in Newton Square. Flooding forced the closure of the West Chester Pike.
Bucks County 3 SW Ivy Lane	18	0020EST			0	4	?	0	Lightning
									Lightning started a fire in a wing of the Southampton Estates Nursing Home. A four-alarm blaze forced 181 residents from their apartments. A fire fighter and three residents were treated for smoke inhalation. The roof and many second story apartments were severely damaged. Thirty units were rendered uninhabitable for a couple of months.
PENNSYLVANIA, Eastern Cont'd									
Philadelphia County	05	2100EST			25	?	?	?	Heat Wave
									The one day reprieve from the heat wave ended in Philadelphia as temperatures reached 90 or above the last dozen days in July. The 17-day heat wave fell one day short of the longest heat wave ever in Philadelphia's history set in 1988. The hottest temperature through July 31st was 96 degrees on The 27th and 31st. The combination of heat and humidity claimed the lives of an additional 25 people. Most were in poor health, had inadequate ventilation (sometimes windows closed) and lived in attached housing. (F87PH), (F74PH), (M80PH), (M65PH), (M68PH), (M49PH), (F74PH), (M88PH), (M61PH), (M80PH), (M61PH), (M48PH), (M70PH), (F80PH), (M67PH), (F96PH), (M71PH), (M83PH), (M54PH), (M60PH), (M75PH), (F85PH), (F57PH), (M74PH), (F77PH)
Chester County Northern	21	0415EST- 21 0500EST			0	0	?	?	Flood/Flash Flood
Montgomery County Southern	21	0515EST- 21 0600EST			0	0	?	?	Flood/Flash Flood
									Slow-moving thunderstorms caused flash flooding of roads and streams in Chester and Montgomery Counties. In Chester County, 2.63 inches of rain fell in Downingtown. The West Valley Creek flooded homes in the Meadowbrook Manor Development in West Whiteland Township. Flooding caused the closure of Pennsylvania State Route 10 in West Cal Township. Heavy rain contributed to a fatal head on collision in the county. In Montgomery County, the flooding rains forced the closure of the heavily used Blue Route (Interstate 476) during the morning rush hour.
Lancaster County Central	21	0800EST- 21 0930EST			0	0	?	?	Flood/Flash Flood
									Thunderstorms with heavy rain dropped 1.9 inches of rain in Lancaster. This forced the closure of 10 roadways around the city and initiated the pumping of water out of city basements. Charlestown Road near Ironstone Ridge Road was partially washed away. The Mill Creek in Smoketown briefly crested above its flood stage of eight feet and reached 8.7 ft.
PAZ067>070	23	0900EST- 05 2000EST			2	?	?	?	Heat Wave
									After a four-day reprieve, the heat wave returned to the Philadelphia suburbs and would last until next month (August 5th). The

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
heat in Montgomery and Chester Counties felled two more persons. The Pennsylvania-New Jersey-Maryland Interconnection set a record usage of 46.07 million kwh between 1500 and 1600 EST on July 25th. (M70sPH), (M71PH)									
Philadelphia County Philadelphia	23	1415EST			0	9	?	0	Thunderstorm
	A thunderstorm on Interstate 95 produced poor visibility. This caused a seven accident/twenty-six vehicle pile up and nine injuries. The interstate was jammed for three hours.								
York County Northern	24	1740EST-1830EST			0	0	?	?	Flood/Flash Flood
	Thunderstorms with heavy rain produced 2.5 inches of rain within an hour and storm totals as high as four inches. They caused stream and poor drainage flooding in northern parts of York County. Streams were flooded from Dillsburg east to Lewisberry and southeast to Dover. Flooded streams included the Beaver, De Run and tributaries of Pinchot Lake. The Pfeifer Road Bridge in Washington Township was washed out. Road closures were reported in Carol, Dillsburg, Dover, Monaghan, Newberry and Warrington.								
Wyoming County Nicholson	27	1310EST			0	0	10K	0	Thunderstorm Winds
	A severe thunderstorm uprooted about 50 trees in Nicholson.								
Susquehanna County Western	27	1515EST-1530EST			0	0	5K	0	Thunderstorm Winds
Hop Bottom	27	1545EST			0	0	3K	0	Thunderstorm Winds
	Severe thunderstorms uprooted trees in Hop Bottom and throughout widely scattered parts of western Susquehanna County.								
Philadelphia County Philadelphia	28	0045EST			0	0	?	0	Thunderstorm Winds (G61)
	A severe thunderstorm produced wind gusts to 70 mph in Northeast Philadelphia. It uprooted large trees in the Winchester Farms Development on Holmes Avenue.								
Somerset County 5 SW Raritan	28	0145EST			0	0	?	?	Thunderstorm Winds
	A severe thunderstorm knocked over trees and power lines around United States Route 206 in Hillsborough Township. Power lines were also knocked down on Weston and Willow Roads. Power was not completely restored until the late afternoon hours.								
Lancaster County 2 S Bainbridge	28	1530EST			2	1	?	?	Lightning
	Two lightning strikes caused a boiler explosion at a Lancaster County incinerator near Marietta in Conoy Township. The lightning strike rendered two of the three plant's boilers inoperative. The blast from the third boiler put a 50- by 20-foot hole in it and blew off some of the plant's external sheet-metal wall. Intense heat from the blast was the preliminary cause of death of two plant workers. A third suffered smoke inhalation. (M23BU), (M33BU)								
York County Eastern Northern	28	1700EST-1700EST-			0	0	?	?	Thunderstorm Winds
PENNSYLVANIA, Eastern Cont'd									
	28	2100EST			0	0	?	?	Flood/Flash Flood
	Severe thunderstorms uprooted several trees east of the city of York in eastern parts of York County. Heavy rains from the same thunderstorm forced the closure of seven roads including Pennsylvania State Route 382 in Newberry Township. Mud slides occurred in East Manchester and Franklin Townships.								
Lebanon County 2 E Schaefferstown	28	1730EST			0	0	?	?	Thunderstorm Winds
	Severe thunderstorms toppled several trees in Mill Creek Township.								
Tioga County Liberty	28	2025EST			0	0	?	?	Thunderstorm Winds
	A severe thunderstorm uprooted two trees within Liberty Township.								
Lancaster County Northwest	28	2030EST-0300EST			0	0	?	?	Flood/Flash Flood
	Thunderstorms with heavy rain produced stream and flash flooding in northwest parts of Lancaster County. Widespread flooding was reported in Rapho Township. The intersection of Pennsylvania State Route 72 and the Fruitville Pike was closed due to flooding. The heavy rain forced the Little Chickies and Chickies Creek over their banks. The Little Chickies in Mount Joy crested at 12.4 feet at 0100 EST on the 29th. The Chickies Creek in Manheim crested at 10.2 feet at 1215 EST on the 29th. Flood stage for both creeks is eight feet.								
Sullivan County Hillsgrove	28	2100EST			0	0	?	?	Thunderstorm Winds
	A severe thunderstorm uprooted over 100 trees in central Sullivan County. The hardest hit area was a 20-acre plot around McCarty Road just west of Eagles Mere.								
PAZ045-046-049>053-056-057-059-063>066	29	0900EST-2000EST			0	?	?	?	Heat Wave
PAZ043-044-047-060>062	31	0900EST-2000EST			0	?	?	?	Heat Wave
	Another heat wave enveloped remaining non-mountainous parts of Eastern Pennsylvania. The highest temperatures (well into the 90s) during this heat wave occurred during early August. No heat related deaths were reported in July, but the excessive heat and humidity continued to tax outdoor workers, the elderly and people in poor health.								
PAZ037>071	month long				67	?	?	?	Excessive Heat
	While the first ten days of July 1995 were cool enough to prevent it from being the hottest on record, heat waves in the middle								

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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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and end of the month made this one of the most oppressive Julys ever. The mean temperature of 81.5 degrees at Philadelphia International Airport was the 2nd warmest July on record, surpassed only by the mean of 82.1 degrees set in July of 1994. High temperatures near and above the 100-degree mark on the 15th were some of the hottest temperatures reported in Eastern Pennsylvania in 29 years. In all, sixty-seven heat related deaths occurred, fifty-eight of them within Philadelphia. Most were elderly, shut-ins, in poor health and lived in attached housing with no ventilation or air conditioning. (M80OU), (F85OU) (M57VE), (M72PH), (M72PH), (F64PH), (M83PH), (M61PH), (F52PH), (M83PH), (M81PH), (F35PH), (M49PH), (M54PH), (M77PH), (M51PH), (F80PH), (F80PH), (F78PH), (F48PH), (F72PH), (F84PH), (M76PH), (F86PH), (F95PH), (M76PH), (F71PH), (M85PH), (M87PH), (F83PH), (M80PH), (F72PH), (F71PH), (M65PH), (F83PH), (M54PH), (F89PH), (M70PH) (??PH), (??PH), (F87PH), (F74PH), (M80PH), (M65PH), (M68PH), (M49PH), (F74PH), (M88PH), (M61PH), (M80PH) (M61PH), (M48PH), (M70PH), (F80PH), (M67PH), (F96PH), (M71PH), (M83PH), (M54PH), (M60PH), (M75PH), (F85PH), (F57PH), (M74PH), (F77PH), (M70sPH), (M71PH)

PENNSYLVANIA, Central

Franklin County Fayetteville	01	1330EST			0	0	?	?	Thunderstorm Winds Several trees and power lines were blown down in Fayetteville.
Franklin County Chambersburg	04	2120EST-			0	0	15K	?	Flood/Flash Flood
Greencastle	04	2400EST			0	0	?	?	Thunderstorm Winds
Chambersburg	04	2125EST			0	0	?	?	Thunderstorm winds took down trees in Chambersburg. Torrential rains caused significant drainage flooding across Greencastle and Chambersburg. Several motorists rescued from cars, and several residents (20) rescued from their homes.
Cambria County Johnstown	05	1345 EST-							
	05	1800EST			0	0	?	?	Flood/Flash Flood
Ebersburg	06	1135EST			0	0	?	?	Thunderstorm Winds
Loretto	06	1150EST			0	0	?	?	Thunderstorm Winds Heavy downpours flooded basements and roads in the Johnstown area. Thunderstorms took down trees and power lines near Ebersburg and Loretto.
Clearfield County									
Curwensville	06	1200EST			0	0	?	?	Thunderstorm Winds Thunderstorm winds took down trees and power lines in Curwensville. Also trees and lines down in Granby and Chestnut Grove.
Somerset County Somerset	06	1205EST			0	0	?	?	Thunderstorm Winds Several trees were blown down in Somerset.

PENNSYLVANIA, Central Cont'd

Elk County Johnsonburg	06	1210EST			0	0	?	?	Thunderstorm Winds A couple of trees were downed in Johnsonburg.
McKean County Mount Jewett	06	1223EST			0	0	?	?	Thunderstorm Winds Fast moving thunderstorms took down a couple of trees in Mount Jewett.
Huntingdon County									
Huntingdon	06	1225EST			1	0	?	?	Thunderstorm Winds Hundreds of trees were felled by rapidly moving thunderstorms. A tree fell on a car fatally injuring one woman. F25VE
Blair County Holidaysburg	06	1230EST			0	0	?	?	Thunderstorm Winds Several trees and power lines were blown down in Holidaysburg.
Fulton County 3 S Wardsfordburg	06	1235EST			0	0	?	?	Thunderstorm Winds A couple of trees were blown down just north of the Maryland border on Route 3001 south of Wardsfordburg.
McKean County Port Allegheny	06	1242EST			0	0	?	?	Thunderstorm Winds Several trees were downed in Port Allegheny.
Centre County Stormstown	06	1255EST			0	0	?	?	Thunderstorm Winds
State College	06	1325EST			0	0	?	?	Thunderstorm Winds A mobile home was blown over 10 miles west of State College near Stormstown. Several trees down in Park Forest area of State College. The Chestnut Ridge area just west of downtown State College had evidence of thunderstorm micro-burst damage to many trees. 1,517 residents without power.
Cameron County Sterling Run	06	1300EST			0	0	?	?	Thunderstorm Winds Trees were downed in Sterling Run.
Franklin County Mercersburg	06	1303EST			0	0	?	?	Thunderstorm Winds A tree fell on a house in Mercersburg.
Potter County 12 W Galeton	06	1320EST			0	0	?	?	Thunderstorm Winds A couple of trees were downed 12 miles west of Galeton.
Juniata County 5 NW Mifflin-	06	1415EST			0	0	?	?	Thunderstorm Winds Many trees were blown down along route 322 northwest of Mifflintown in an area known as The Narrows.

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					Killed	Injured	Property	Crops	
Bedford County Breezewood	10	1645EST			0	0	?	?	Hail (0.75) Dime-size hail fell in Breezewood.
Huntingdon County Orbisonia	10	1657EST			0	0	?	?	Thunderstorm Winds Trees were downed in Cromwell Township near Orbisonia.
Mifflin County Lewistown	10	1800EST			0	0	?	?	Hail (1.00)
Grainville	10	1800EST			0	0	30K	?	Thunderstorm Winds Hail (1.00) Winds took down trees and quarter-size hail was reported in Lewistown. Significant damage to corn crop in Grainsville.
Elk County Johnsonburg	10	1815EST			0	0	?	?	Thunderstorm Winds Trees were downed near Johnsonburg.
Fulton County Town Hill	10	1930EST			0	0	?	?	Hail (1.00) Quarter-size hail fell on Route Interstate 70 near Town Hill.
Huntingdon County Muddy Creek	10	1937EST- 10 2200EST			0	0	?	?	Flood/Flash Flood Flash flooding occurred along Muddy Creek.
Bedford County Breezewood	10	1945EST			0	0	2K	?	Lightning Lightning damage to a church.
PENNSYLVANIA, Central Cont'd									
Franklin County Hamilton Waynesboro	10	2000EST			0	0	?	?	Thunderstorm Winds
	10	2355EST-			0	0	70K	?	Lightning
	11	0020EST			0	0	?	?	Thunderstorms took down trees in Hamilton and also in St. Thomas. Two minor injuries due to lightning, and two barns destroyed in the Waynesboro area.
Franklin County Waynesboro	15	0100EST-			0	0	?	?	Excessive Heat
	23	0000EST			0	0	?	?	Extreme heat and humidity resulted in the death of 3,000 chickens over the weekend.
Mifflin County Countywide	15	0100EST-			0	0	?	?	Excessive Heat
	16	2300EST			0	0	?	?	Extreme heat and humidity resulted in the death of 20,000 chickens over the weekend.
Cambria County Belsano	15	2030EST			0	0	?	?	Hail (0.75) Dime-size hail was reported in Belsano.
Franklin County Pleasant Hill Fayetteville	15	2030EST			0	0	?	?	Thunderstorm Winds
Upper Strasburg	15	2100 EST-			0	0	?	?	Flood/Flash Flood
	15	2400EST			0	0	?	?	Thunderstorm Winds
	15	2122EST			0	0	?	?	Winds caused tree damage in Pleasant Hill and Roxbury. Heavy rains caused small stream flash flooding in Fayetteville. Winds took down a tree on North Mountain near Upper Strasburg.
Blair County Tyrone	15	2130EST			0	0	?	?	Thunderstorm Winds Trees were downed in Tryrone and in other locations across Blair County.
Cambria County Ebensburg	15	2130EST			0	0	?	?	Thunderstorm Winds
Westmont	15	2159EST			0	0	?	?	Thunderstorm Winds
Johnstown	15	2206EST			0	0	?	?	Thunderstorm Winds
Johnstown	15	2210EST			1	2	?	?	Flood/Flash Flood Thunderstorms took down a couple of trees in Cambria Township near Ebensburg and in Westmont and Johnstown. Street were also closed by flash flooding in Johnstown.
Blair County Williamsburg	15	2230EST			0	0	?	?	Thunderstorm Winds Thunderstorms took down a few trees in Williamsburg.
Clearfield County Coleport	15	2240EST			0	0	?	?	Thunderstorm Winds
Flintown	15	2240EST			0	0	?	?	Thunderstorm Winds Trees were downed in Coleport and Flintown.
Fulton County McConnellsburg	15	2245EST			0	0	?	?	Thunderstorm Winds

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July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Winds took down power lines near McConnellsburg.									
Huntingdon County Mill Creek	15	2255EST			0	0	?	?	Thunderstorm Winds
Trees were blown down at Sugar Grove Hollow near Mill Creek and at other areas in Huntingdon County.									
Bedford County Bedford	15	2300EST			0	0	?	?	Thunderstorm Winds
A tree was felled on South Orchard Street in Bedford by strong thunderstorm winds.									
Centre County State College	15	2309EST			0	0	?	?	Thunderstorm Winds
Trees were downed in State College on South Irving Street.									
Huntingdon County Roberts Dale	15	2318 EST			0	0	?	?	Thunderstorm Winds
Raystown Lake	15	2320 EST			0	0	80K	?	Thunderstorm Winds Lightning
Trees were down in Roberts Dale and Broad Top. Lightning started a fire at the Anchorage Enterprises Headquarters at Seven Points Marina at Raystown Lake. Damage estimated at \$80 thousand.									
Mifflin County Lewistown	15	2330 ES			0	0	?	?	Thunderstorm Winds
Trees were downed in Lewistown and also in Grandville Township.									
Franklin County Fayetteville	15	2330EST			0	0	?	?	Thunderstorm Winds
Mercerburg	15	2330EST			0	0	?	?	Thunderstorm Winds Lightning
Thunderstorms took down trees in Fayetteville and in Upper Strasburg. 3,350 West Penn Power customers without power. Two injured by lightning in Mercerburg, injuries were minor.									
PENNSYLVANIA, Central Cont'd									
Juniata County Walnut	16	0015EST			0	0	?	?	Thunderstorm Winds
Trees down along route 35 near Walnut.									
Fulton County McConnellsburg	16	0030EST-			0	0	?	?	Flood/Flash Flood
	16	0300EST			0	0	?	?	Flood/Flash Flood
Heavy rains caused small stream and poor drainage flooding in McConnellsburg.									
Warren County Near Tidioute	16	2200EST			0	0	?	?	Thunderstorm Winds
Trees were blown down near Tidioute.									
Bedford County New Enterprise	17	1459EST-			0	0	?	?	Flood/Flash Flood
	17	2000EST			0	0	?	?	Flood/Flash Flood
Bedford	17	1512EST			0	0	?	?	Thunderstorm Winds
A house in New Enterprise was surrounded by water. Portions of Route 30 closed. Thunderstorm winds took down trees just north of Bedford.									
Cambria County Johnstown	17	1624EST-			0	0	?	?	Flood/Flash Flood
	17	2100EST			0	0	?	?	Flood/Flash Flood
Roads and basements were flooded in the Johnstown area.									
Fulton County Hineman	17	1630EST			0	0	?	?	Thunderstorm Winds
Clearville	17	1630EST			0	0	?	?	Thunderstorm Winds
Trees were taken down in Hineman and Clearville.									
Clearfield County Phillipsburg	25	1925EST			0	0	?	?	Thunderstorm Winds
Trees were damaged across Eastern Clearfield County near Phillipsburg.									
Cambria County	25	1930EST-			0	0	?	?	Flood/Flash Flood
	25	2140EST			0	0	?	?	Flood/Flash Flood
Small streams were flooded across the northern part of Cambria County.									
Centre County Near Moshannon	25	1930EST			0	0	?	?	Thunderstorm Winds
Several Trees were downed in the Black Moshannon State Park area.									
Fulton County Tollgate Ridge	27	1710EST			0	0	?	?	Thunderstorm Winds
A roof was blown off a shed and several trees were taken down just north of the Maryland border on Route 928.									
Huntingdon County Northern part of County	28	1430EST			0	0	?	?	Lightning
Several large trees split due to lightning. 4,000 West Penn customers without power.									
Warren County Clarendon	28	1601EST			0	0	?	?	Thunderstorm Winds
Sheffield	28	1601EST			0	0	?	?	Thunderstorm Winds
Trees and wires were blown down in Clarendon and Sheffield.									
Mckean County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Near Kane	28	1610EST			0	0	?	?	Thunderstorm Winds
			Trees and wires were blown down in southwest McKean County near Kane.						
Cambria County	28	1650EST			0	0	?	?	Thunderstorm Winds
Loretto	28	1650EST-			0	0	?	?	Thunderstorm Winds
Prince Gallitzen	28	1930EST			0	0	?	?	Flood/Flash Flood
			Trees were downed on wires in Loretto and flash flooding occurred in Prince Gallitzen State Park.						
Cameron County	28	1725EST			0	0	?	?	Thunderstorm Winds
Emporium			Trees fell on Hunts Road about half way between Emporium and Cameron. Another tree came down in Emporium.						
PENNSYLVANIA, Western									
Westmoreland County	06	1045EST			0	0	1K	0	Thunderstorm Winds
Superior	06	1045EST			0	0	1K	0	Thunderstorm Winds
Acme	06	1047EST			0	0	1K	0	Thunderstorm Winds
Trauger			Trees downed by thunderstorm winds. One tree blocked Route 981 near Trauger.						
PENNSYLVANIA, Western Cont'd									
PAZ021-030									
Allegheny	13-16		0		37	0	0		Extreme Heat
Westmoreland			A prolonged period of afternoon high temperatures in the 90s to around 100 degrees, combined with dew points in the mid to upper 70s, created dangerous conditions. There were 37 heat-related incidents reported. Thirty-three cases were reported in Allegheny County. The four cases in Westmoreland County involved a 12-year-old female and a 20-year-old male suffering from heat exhaustion and a 99-year-old female and a male suffering from heat stroke. At Pittsburgh International Airport, a record high of 100 degrees was set on the 15th, with the heat index topping out at 115. A record mean for the 15th of 86 degrees was established as well.						
Mercer County	13	2015EST			0	0	1K	0	Thunderstorm Winds
Sandy Lake			Trees downed by thunderstorm winds.						
Venango County	13	2045EST			0	0	1K	0	Thunderstorm Winds
Cherry Tree			Trees and branches downed by thunderstorm winds.						
Lawrence County	13	2100EST			0	0	1K	0	Thunderstorm Winds
Countywide			A few trees and large limbs, some blocking roads, were downed by thunderstorm winds.						
Beaver County	13	2108EST			0	0	2K	0	Thunderstorm Winds (G50)
1 W Aliquippa			Thunderstorm winds downed large limbs and power lines.						
Butler County	13	2110EST			0	0	1K	0	Thunderstorm Winds
Slippery Rock			Power lines downed by thunderstorm winds.						
Washington County	13	2205EST			0	0	0	0	Thunderstorm Winds
Bentleyville			Numerous large tree branches downed by thunderstorm winds.						
Westmoreland County	13	2205EST			0	0	1K	0	Thunderstorm Winds
1 S Vandergrift	13	2205EST			0	0	1K	0	Thunderstorm Winds
Murrysville			Trees and power lines downed by thunderstorm winds.						
Westmoreland County	15	1710EST			0	0	0	0	Hail (0.88)
Pleasant Valley			Nickel-size hail was reported on the Pennsylvania Turnpike near Pleasant Valley.						
Washington County	15	1715EST			0	0	0	0	Hail (0.75)
California									
Westmoreland County	15	1715EST			0	0	10K	0	Lightning
Harrison City			Lightning struck a two-story barn and sparked a fire that destroyed the structure. One thousand bales of hay were also lost in the fire.						
Westmoreland County	15	1720EST			0	0	?	0	Hail (1.75)
Irwin			Golf ball-size hail fell in Irwin.						
Westmoreland County	15	1730EST			0	0	1K	0	Thunderstorm Winds
Ligonier			Trees were downed by thunderstorm winds on parts of Route 30 in Ligonier and along area streets.						
Westmoreland County	15	1805EST			0	0	0	0	Thunderstorm Winds
1 E Murrysville	15	1820EST			0	0	0	0	Hail (0.75)
Mount Pleasant	15	1840EST			0	0	0	0	Hail (0.75)
3 W Jeannette			Thunderstorm winds downed large branches just east of Murrysville.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Allegheny County Monroeville	15	1845EST			0	0	0	0	Hail (0.75)
Harrison County Countywide	15	1900EST			0	0	10K	0	Thunderstorm Winds Numerous trees and power lines were downed by thunderstorm winds. Over one-half of the county's residents were left without power.
Butler County 1 W Butler	15	1915EST			0	0	0	0	Funnel Cloud A funnel cloud, just west of Butler, was reported by the sheriff's office.
Butler County Evans City	15	1925EST			0	0	0	0	Thunderstorm Winds Several large branches and a few trees were downed by thunderstorm winds. Some branches blocked a road in Evans City.
PENNSYLVANIA, Western Cont'd									
Lawrence County 1 N New Castle	15	1930EST			0	0	20K	0	Thunderstorm Winds Billboards and signs were blown down. A tree fell on a house causing some damage to the roof and gutters.
Butler County 1 W Mount Chestnut	15	1930EST			0	0	0	0	Thunderstorm Winds Large limbs downed by thunderstorm winds.
Allegheny County Monroeville	15	1945EST			0	0	2K	0	Flood/Flash Flood Flood waters covered many streets in Monroeville, leaving some automobiles stranded.
Allegheny County Allison Park	15	1931EST			0	0	0	0	Thunderstorm Winds Large limbs downed by thunderstorm winds in Allison Park.
Beaver County Countywide	15	1935EST			0	0	2K	0	Thunderstorm Winds Several trees and power lines were downed by thunderstorm winds, primarily over the northeast part of the county.
Lawrence County Countywide	15	1940EST			0	0	20K	0	Lightning Four house fires were reported due to lightning across the county. Most of the fires were confined to the attics.
Lawrence County Countywide	15	1940EST			0	0	5K	0	Thunderstorm Winds Numerous trees and power lines were downed by thunderstorm winds throughout the county.
Butler County 5 NE Butler	15	1946EST			0	0	3K	0	Lightning Lightning struck a vacant house, starting a fire that caused light damage, mainly to the roof.
Butler County Harrisville	15	1957EST			0	0	0	0	Funnel Cloud A funnel cloud was reported near Harrisville by the Sheriff's office.
Butler County Glade Mills Woodbine	15	2000EST			0	1	0	0	Lightning
	15	2000EST			0	0	10K	0	Lightning A 22-year-old male was injured after being struck by lightning in Glade Mills. Lightning sparked a house fire in Woodbine.
Lawrence County Plain Grove	15	2000EST			0	0	0	0	Thunderstorm Winds Two large trees were downed by thunderstorm winds along Interstate 79.
Allegheny County Dorseyville Perryville	15	2000EST			0	0	2K	0	Thunderstorm Winds
	15	2010EST			0	0	1K	0	Thunderstorm Winds Power lines and numerous large branches were downed by thunderstorm winds in Dorseyville. Dorseyville Road was impassible due to downed limbs. Trees were downed in Perryville.
Mercer County Grove City	15	2015EST			0	0	1K	0	Thunderstorm Winds Power lines downed by thunderstorm winds.
Mercer County Grove City	15	2015EST			0	0	0	0	Flood/Flash Flood Numerous streets in Grove City were covered with flood waters.
Butler County Butler Saxonburg	15	2020EST			0	0	1K	0	Thunderstorm Winds
	15	2020EST			0	0	1K	0	Thunderstorm Winds Numerous large branches were downed by thunderstorm winds from Butler to Saxonburg.
Butler County Butler	15	2020EST			0	0	0	0	Flood/Flash Flood Flood waters covered many streets and low areas in Butler.
Venango County Oil City	15	2039EST			0	2	0	0	Lightning

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Two people were struck by lightning and injured near Oil City.									
Venango County	15	2040EST			0	0	200K	0	Lightning
Oil City	15	2040EST			0	0	0	?	Lightning
Rouseville	Lightning was the cause of two house fires in Oil City. Both structures were heavily damaged. In Rouseville, a chemical plant was damaged after being struck by lightning. Several alarms in the plant sounded after power was lost, prompting the evacuation of 200 nearby residents. It was later determined that no leaks or fire occurred.								
PENNSYLVANIA, Western Cont'd									
Allegheny County	15	2042EST			0	0	1K	0	Thunderstorm Winds (G52)
Library	Power lines downed by thunderstorm winds.								
Venango County	15	2045EST			0	0	0	0	Thunderstorm Winds
Oil City	Several large branches were downed by thunderstorm winds.								
Washington County	15	2045EST			0	0	0	0	Thunderstorm Winds (G52)
Beallsville	Several large branches were downed by thunderstorm winds.								
Allegheny County	15	2045EST			0	0	350K	0	Lightning
Indianola	15	2055EST			0	0	250K	0	Lightning
Fox Chapel	Lightning sparked a house fire in Indianola. The second floor of the structure and many contents were destroyed and major damage occurred to the first floor. Similarly, a house fire in Fox Chapel caused by lightning caused substantial damage.								
Allegheny County	15	2055EST			0	0	4K	0	Thunderstorm Winds
Pittsburgh	Several trees and power lines were downed by thunderstorm winds throughout the metropolitan area.								
Westmoreland County	15	2120EST			0	0	1K	0	Thunderstorm Winds
Adamsburg	A tree and large branches were downed by thunderstorm winds on Route 30 near Adamsburg, closing the eastbound lanes.								
Venango County	15	2125EST			0	0	2K	0	Thunderstorm Winds
Countywide	Numerous trees downed by thunderstorm winds throughout the county.								
Westmoreland County	15	2130EST			0	0	1K	0	Thunderstorm Winds
4 E Greensburg	Trees downed by thunderstorm winds.								
Fayette County	15	2130EST			0	0	5K	0	Lightning
Uniontown	Lightning sparked a house fire.								
Fayette County	15	2130EST			0	0	1K	0	Thunderstorm Winds
Uniontown	15	2135EST			0	0	0	0	Thunderstorm Winds
5 E New Geneva	A few large trees were downed by thunderstorm winds in Uniontown. Numerous large tree branches were downed east of New Geneva.								
Indiana County	15	2145EST			0	0	0	0	Thunderstorm Winds (G52)
Homer City									
Butler County	15	2200EST			0	0	0	0	Flood/Flash Flood
Zelienople	Flood waters washed mud and debris across Route 288 on the west side of Zelienople.								
Fayette County	15	2200EST			0	0	0	0	Flood/Flash Flood
Uniontown	15	2210EST			0	0	0	0	Flood/Flash Flood
Connellsville	Flood waters covered streets in Uniontown, where a section of Route 40 was closed due to high water. Street flooding was also reported in Connellsville.								
Fayette County	15	2210EST			0	0	0	0	Thunderstorm Winds
1 NW Connellsville	Large limbs downed by thunderstorm winds.								
Mercer County	15	2226EST			0	0	?	0	Flood/Flash Flood
Countywide	Some roads were washed out and numerous streams were reported out of their banks.								
Venango County	16	2240EST			0	0	0	0	Funnel Cloud
Franklin	Police spotted a funnel cloud moving east over Franklin.								
Beaver County	17	0120EST			0	0	2K	0	Thunderstorm Winds
Vanport	17	0130EST			0	0	2K	0	Thunderstorm Winds
Aliquippa	Large trees and limbs and power lines were downed by thunderstorm winds in Vanport and Aliquippa.								
Butler County	17	0130EST			0	0	150K	0	Lightning
Butler									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Lightning started a fire that destroyed a two-story brick house and its contents.									
Allegheny County Pittsburgh	17	0145EST			0	0	1K	0	Thunderstorm Winds
PENNSYLVANIA, Western Cont'd									
Power lines were downed by thunderstorm winds in the Troy Hill section of Pittsburgh.									
Allegheny County Monroeville	17	0200EST			0	0	2K	0	Lightning
Lightning struck an air conditioner in a hotel room. Damage was confined to the room.									
Westmoreland County Vandergrift	17	0300EST			0	0	3K	0	Thunderstorm Winds
Numerous trees were downed by thunderstorm winds.									
Fayette County Cardale	17	1330EST			0	0	1K	0	Thunderstorm Winds
A few trees and limbs were downed by thunderstorm winds.									
Westmoreland County Hempfield	17	1415EST			0	0	1K	0	Thunderstorm Winds
Lower Burrell	17	1420EST			0	0	1K	0	Thunderstorm Winds
Power lines were downed in Hempfield and large branches and a tree were downed in Lower Burrell.									
Westmoreland County New Kensington	17	1422EST			0	0	0	0	Flood/Flash Flood
Arnold	17	1440EST			0	0	25K	0	Flood/Flash Flood
Floodwaters covered roads in New Kensington and a few mudslides were reported. Roads were also flooded in Arnold, where two to three inches of rain fell in less than two hours. Water, up to five feet deep, was reported in some basements in Arnold.									
Westmoreland County Arnold	17	1440EST			0	0	1K	0	Thunderstorm Winds
Power lines were downed by thunderstorm winds.									
Allegheny County Penn Hills	17	1550EST			0	0	1K	0	Thunderstorm Winds
Several large branches were downed by thunderstorm winds, some falling across and knocking down power lines.									
Allegheny County West Murrysville	17	1600EST			0	0	5K	0	Lightning
A barn was struck by lightning and was destroyed by fire.									
Mercer County Sharon	25	0215EST			0	0	0	0	Flood/Flash Flood
Flood waters covered several streets in Sharon.									
Beaver County Hookstown	25	1735EST			0	0	0	0	Thunderstorm Winds
Two trees were downed by thunderstorm winds.									
Westmoreland County Irwin	28	1320EST			0	0	0	0	Hail (0.75)
Westmoreland County Adamsburg	28	1330EST			0	0	5K	0	Lightning
Lightning sparked a house fire near Adamsburg.									
Westmoreland County Irwin	28	1330EST			0	0	1K	0	Thunderstorm Winds
Adamsburg	28	1345EST			0	0	1K	0	Thunderstorm Winds
North Huntingdon	28	1355EST			0	0	6K	0	Thunderstorm Winds (G70)
Trees downed by thunderstorm winds in Irwin. Trees and power lines downed by thunderstorm winds in Adamsburg. In North Huntingdon a front porch was ripped from a house. A roof on a nearby barn was ripped off. Numerous large branches were also downed.									
Allegheny County Monroeville	28	1450EST			0	0	1K	0	Thunderstorm Winds
Tarentum	28	1500EST			0	0	1K	0	Thunderstorm Winds
Power lines and several trees were downed by thunderstorm winds.									
PAZ021 Allegheny	29				1	0	0	0	Extreme Heat
A 64 year-old woman succumbed due to the heat, according to the county coroner's office. The afternoon high temperature was in the lower 90s. F64OT									
RHODE ISLAND									
Providence County Cumberland	15	0747EST			0	0	?	0	Thunderstorm Winds (G55)
Newport County Little Compton	15	0800EST			0	0	?	0	Thunderstorm Winds
A fast-moving squall line brought wind gusts of up to 50 to 65 mph at scattered locations across the state. The storms were part of a major mesoscale convective complex (derecho) that had tracked across the Great Lakes Region and New York state during the early morning hours. Tree limbs and a few trees were blown down, resulting in scattered brief power outages.									

Storm Data and Unusual Weather Phenomena

July 1995

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 Cont'd

Mainly the northern part of the state was affected by the storms.

RIZ002>005	15	1400EST-			0	0	0	0	Record heat
	15	1600EST							Record heat affected parts of the state. A high temperature of 99 degrees occurred at Providence, breaking the previous record for the date of 93 degrees.

SOUTH CAROLINA, North Coastal

Darlington County 1 W Hartsville	06	1550EST			?	?	?	?	Thunderstorm Winds
			Several trees down.						
Darlington County 5 NE Hartsville	06	1605EST	Short		?	?	?	?	Tornado (F0)
			Trees down.						
Darlington County Society Hill	06	1610EST			?	?	?	?	Thunderstorm Winds
			Numberous trees down.						
Darlington County Hartsville	06	1616EST			?	?	?	?	Thunderstorm Winds
			Several trees down.						
Dillon County Oak Grove	06	1700EST			?	?	?	?	Thunderstorm Winds
			Trees down and building under construction was flattened.						
Marion County Mullins	06	1730EST			?	?	?	?	Thunderstorms Winds
			Six to fourteen inch diameter trees blown down.						
Marion County Marion	06	1730EST			?	?	?	?	Hail (0.75)
Horry County Conway	11	1648EST			?	?	?	?	Thunderstorm Winds
			Trees down.						
Marion County 2 E Mullins	11	1710EST			?	?	?	?	Thunderstorm Winds
			Tops of trees broke off 10 to 12 inches in diameter.						
Georgetown County Plantersville	11	1750EST			?	?	?	?	Thunderstorm Winds
			Trees down.						
Georgetown County 3 NW Oatland	11	1800EST			?	?	?	?	Thunderstorm Winds
			Trees down.						
Georgetown County Pleasant Hill	11	1800EST			?	?	?	?	Thunderstorm Winds
			Trees down.						
Georgetown County Pleasant Hill	11	1820EST			?	?	?	?	Hail (0.75)
Georgetown County Andrews	11	1835EST			?	?	?	?	Thunderstorm Winds
			Trees down.						
Georgetown County Georgetown	11	1835EST			?	?	?	?	Thunderstorm Winds
			Power lines down.						
Horry County Little River	12	1300EST			?	2	?	?	Lightning
			Two men were hit by lightning on the ninth hole of a golf course.						
Georgetown County Pleasant Hill	16	2015EST			?	?	?	?	Thunderstorm Winds
			Power lines down on Highway 513.						
Dillon County Dillon	17	1430EST			?	?	?	?	Thunderstorm Winds
			A tree with a 24-inch diameter trunk crashed into the roof of a house.						
Marlboro County Blenheim	18	1430EST			?	?	?	?	Lightning
			Lightning killed two cows.						

SOUTH CAROLINA, North Coastal Cont'd

Florence County Effingham	21	2000EST			?	?	?	?	Thunderstorm Winds
			Two trees down.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Darlington County Darlington	21	2000EST			?	?	?	?	Thunderstorm Winds
									Tree blocked intersection of Highway 401 and 52.
Marion County Marion	21	2030EST			?	?	?	?	Thunderstorm Winds
									A fallen tree damaged a restaurant.
Darlington County Darlington	23	1515EST			?	?	?	?	Thunderstorm Winds
									Trees and power lines down.
Florence County Florence	23	1600EST			?	?	?	?	Thunderstorm Winds
									Trees and power lines down.
Florence County 8 SW Florence	23	1600EST			?	?	?	?	Thunderstorm Winds
									Trees and power lines down.
Marion County Pee Dee	23	1630EST			?	?	?	?	Thunderstorm Winds
									Winds tossed a mobile home off its foundation and down trees.
Horry County Loris	23	1720EST			?	?	?	?	Lightning
									A house fire was caused by lightning.
Horry County Loris	23	1720EST			?	?	?	?	Thunderstorm Winds
									Trees and power lines down.
Horry County 5 N Loris	23	1735EST			?	?	?	?	Thunderstorm Winds
									A tree down having an eight to ten inch diameter.
Horry County Loris	23	1740EST			?	?	?	?	Lightning
									A wall on the north side of an autoparts store was completely blown away and the roof collapsed from a result of a lightning strike.
Horry County Loris	23	1740EST			?	?	3K	?	Thunderstorm Winds
									An under construction carport collapsed on a 1992 Cadillac.
Georgetown County 1 S Garden City	23	1830EST			?	?	?	?	Lightning
									A house fire was caused by lightning.
Georgetown County Georgetown	23	1855EST			?	?	?	?	Thunderstorm Winds
									Power lines blown down across Highway 521.
Florence County Friendsville	24	1725EST			?	?	?	?	Thunderstorm Winds
									Trees down just off of Highway 378, northeast of Lake City.
Horry County 5 S Myrtle Beach	24	1830EST			?	?	?	?	Thunderstorm Winds
									Trees down near Bucksport and Lakewood Campground.
Georgetown County Browns Ferry	24	1820EST			?	?	?	?	Thunderstorm Winds
									Six trees down.
SOUTH CAROLINA, Central									
Spartanburg County Boiling Springs	02	1915EST			0	0	?	0	Thunderstorm Winds
Spartanburg County North Spartanburg	02	1945EST			0	0	35K	0	Lightning
Spartanburg County west Spartanburg	02	2000EST			0	0	62K	0	Thunderstorm Winds(60mph), Urban Flooding
Spartanburg Pauline	02	2015EST			0	0	0	0	Thunderstorm Winds
									A slow moving severe thunderstorm developed in northern Spartanburg County and moved south. Downed trees and power
SOUTH CAROLINA, Central Cont'd									
									lines occurred around Boiling Springs, but the most damage occurred in a wooded subdivision on the west side of Spartanburg. Numerous trees and large limbs fell on houses and downing power lines resulting in flooding in normal flood prone sections of the city. A couple of cars stalled in the high water. An auto parts business in Spartanburg was struck by lightning and burned.
Charleston County Mt. Pleasant	02	1449EST			1	0	?	?	Lightning
									A 27-year-old male was struck by lightning while fishing from a dock and died on July 6th. (M270)
Chesterfield County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Cheraw & Patrick	03	1530EST			0	0	5K	0	Lightning
									Lightning set house afire.
Beaufort County Hilton Head	03	1720EST			0	0	15K	0	Lightning
									Lightning struck Hargray Telephone Company's Tower, knocking out telephone service to over 20,000 people up to six hours.
Beaufort County Hilton Head	03	1830EST			0	0	10K	0	Thunderstorm Winds
									Power lines downed by wind. Also, street flooding due to very heavy rain in a short period of time.
Anderson County 5 W Iva	03	2129EST			0	0	?	0	Hail (0.75) Thunderstorm Winds
Greenville County Moonville	04	0000EST			0	0	0	0	Hail (0.75) Thunderstorm Winds
									A severe thunderstorm crossed from Georgia into Anderson County where quite a few trees were blown down around Iva. These downed trees blocked roads overnight. The storm weakened, persisted, and regained strength as it left Anderson County. It again produced some large hail and damaging wind at Moonville where numerous downed trees were reported in the Centerbury Subdivision.
Florence County Florence	04	1830EST			0	0	8K	0	Lightning
									Lightning struck home setting it afire.
Kershaw County Camden	06	1332EST			0	0	0	0	Hail (0.75)
Marlboro County Wallace	06	1335EST			0	0	?	?	Thunderstorm Winds
Richland County Fort Jackson	06	1400EST			1	4	0	0	lightning
Lexington County Pelion	06	1403EST			0	0	?	0	Hail (0.75))
Richland County E.Coumbia	06	1430EST			0	0	10K	0	Hail (1.00)
Kershaw County SE Camden	06	1445EST			0	0	0	0	Hail(0.75)
									An area of thunderstorms developed in central South Carolina accompanied by large hail. Lightning hit a tree at Fort Jackson, then jumped to tents nearby, killing one soldier and injuring four others. Training had been suspended due to approaching thunderstorm and soldiers had gone to their respective tents as per thunderstorm preparedness procedures.
Bamberg County Denmark	06	1447EST			0	0	?	0	Hail(0.75)
Chesterfield County Chesterfield	06	1500EST			0	0	?	0	Hail (0.75)
Bamberg County Denmark	06	1545EST			0	0	0	0	Hail (0.75)
Darlington County West of Hartsville	06	1605EST			?	0	0	?	Thunderstorm Winds
Darlington County 12 NE Hartsville	06	1605EST	0.5	30	0	0	1K	0	Tornado (F0)
Darlington County Society Hill	06	1610EST			0	0	?	?	Thunderstorm Winds
Darlington County Near Hartsville	06	1616EST			0	0	?	?	Thunderstorm winds.
									An area of thunderstorms near Hartsville spawned a small tornado that touched down between Hartsville and Society Hill. Thunderstorms and associated tornado blew down trees and powerlines.
Lee County 1 E Woodrow	06	1519EST			0	0	1K	0	Thunderstorm Winds
									Large limbs down.
Orangeburg County Boletown	06	1530EST			0	0	0	0	Hail (1.5)
Sumter County Pinewood	06	1550EST			0	0	?	0	Hail (0.75) Thunderstorm Winds
Colleton County Lodge	06	1618EST			0	0	0	0	Hail (1.75)
SOUTH CAROLINA, Central Cont'd									
Orangeburg County Ellore	06	1620EST			0	0	?	0	Hail (0.75)
Clarendon County Summerton	06	1648EST			0	0	?	0	Thunderstorm Winds
Clarendon County South of Paxville	06	1655EST			0	0	1K	0	Thunderstorm Winds
Dorchester County Ridgeille	06	1730EST			0	0	0	0	Hail (0.75)
Colleton County 5 SE Walterboro	06	1800EST			0	0	10K	0	Thunderstorm Winds
Allendale County 10 S Allendale	06	1830EST			0	0	5K	0	Thunderstorm winds
									Thunderstorms accompanied by hail and strong winds moved across central, eastern and southern South Carolina during the afternoon and evening causing considerable but mostly minor damage. Fallen trees closed Lightwood Knot Road in southern Lee County, trees and large limbs blown down in Clarendon, Lee and Orangeburg Counties.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Dillon County Dillon	06	1650EST			0	0	0	0	Thundeerstorm Winds
									Several tree limbs down and power outages in rural areas.
Dillon County Oak Grove	06	1700EST			0	0	?	?	Thunderstorm Winds
									Trees blown down and a building under construction was flattened.
Marion County Mullins	06	1730EST			0	0	?	0	Hail(0.75) Thunderstorm Winds
									Wind blew down trees up to 14 inches in diameter.
Colleton County 5 SE Walterboro	06	1800EST			0	0	10K	0	Thunderstorm Winds
									Trees and powerlines down.
Horry County Mount Olive	06	1800EST			0	0	?	0	Thunderstorm Winds
									Brief power outage due to thunderstorm winds.
Allendale County 10 S Allendale	06	1830EST			0	0	5K	0	Thunderstorm Winds
									Trees and powerlines downed by wind.
Aiken County Jackson	06	1925EST			0	0	5K	0	Hail (1.00)
Williamsburg County Kingstree	07	0735EST			0	0	5K	0	Lightning
									Lightning set a house afire.
Berkeley County Cordesville	07	0825EST			0	0	0	0	Hail(1.00)
Charleston County Charleston	07	1125EST			0	0	0	0	Hail (1.00)
Charleston County Charleston	07	1204EST			0	0	0	0	Thunderstorm Winds
									60 mph gust at Custom House (downtown).
Kershaw County Lugoff	07	1350EST			0	0	5K	0	Thunderstorm Winds
									Trees and power lines down on Jordan Road between Lugoff and Elgin.
Aiken County Aiken	07	Afternoon			0	0	20K	0	Lightning
									A lightning-caused fire heavily damaged a home in the Houndslake Subdivision.
Berkeley County 3 E Summerville	07	1818EST			0	0	3K	0	Thunderstorm Winds
									Large limbs were knocked down.
Dorchester County Summerville	07	1820EST			0	4	50K	0	Thunderstorm Winds
									Winds near 70mph (estimated by WSO Charleston Meteorologist In Charge)
Aiken County	Afternoon				1	0	?	?	Heat
									A 53-year-old male died from hyperthermia. M53
Kershaw County	19	Afternoon			1	0	?	?	Heat
									A 49-year-old male died from heat exhaustion. M40
Dorchester County	21				1	0	?	?	Heat
									A 82-year-old man died from the heat. M82
Kershaw County	22				1	0	?	?	Heat
SOUTH CAROLINA, Central Cont'd									
									A 48-year-old man died from a heat stroke.
Horry County	29				1	0	?	?	Heat
									A 64-year-old man died from heat exhauston. M64
South Dakota (ABR) July 1995									
Hughes County Harrold	01	2000CST			0	0	?	0	Hail (1.00)
Grant County 5 NNW Milbank	03	1600CST			0	0	?	?	Hail (1.75)
Dewey County Timber Lake	03	1640CST			0	0	?	0	Hail (1.25)
Dewey County Timber Lake	03	1726CST			0	0	?	0	Hail (1.50)
Spink County 9 S Frankfort at Spink Colony	03	1740CST			0	0	?	?	Hail (1.00)
Spink County Mellette	03	1740CST			0	0	0	0	Hail (0.75)
Spink County 13 S Doland	03	1742CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Spink County 3 W Spink Colony	03	1805CST			0	0	0	?	Hail (1.25) Large hail destroyed a sunflower field in southeast Spink County.
Walworth County Mobridge	03	1805CST			0	0	0	0	Thunderstorm Winds (G50)
Walworth County 8 NE Mobridge	03	1820CST- 1825CST			0	0	0	0	Tornado (F0) A brief touchdown of a narrow path tornado occurred one mile north of Lake Molstad and then dissipated.
Hand County 12 NNE Miller	03	1845CST			0	0	?	?	Hail (1.75)
Faulk County Seneca	03	1930CST			0	0	0	0	Hail (0.75)
Faulk County 5 S Seneca	03	1930CST			0	0	0	0	Hail (1.00)
C and S Spink County	03 04	2000CST- 0200CST			0	0	?	0	Flash Flood Numerous thunderstorms produced very heavy rainfall of two to six inches in central and southern Spink County resulting in flash flooding. Some county roads were washed out.
Spink County Cottonwood Lake	03	2015CST			0	0	?	0	Hail (1.75)
Spink County 10 SW Redfield	03	2031CST			0	0	0	0	Hail (0.75)
Tulare	03	2031CST			0	0	0	0	Hail (0.75)
Faulk County 3 W Cresbard	03	2040CST			0	0	0	0	Tornado (F0) A narrow path tornado touched down briefly three miles west of Cresbard or 32 miles southwest of Aberdeen.
Spink County Tulare	03	2043CST			0	0	?	0	Hail (1.25)
Faulk County Cresbard	03	2100CST			0	0	0	0	Hail (0.75)
Spink County 5 E Redfield	03	2115CST			0	0	0	?	Hail (0.75) Hail covered the ground one to two inches deep in places.
Spink County Redfield	09	2330CST			0	0	0	?	Hail (0.75) Large hail caused extensive damage to beans, sunflowers, and corn near Redfield.
Corson County Keldron	11	2235CST			0	0	0	0	Thunderstorm Winds (G52)
Brown County 30 NW Aberdeen at Elm Lake	12	0150CST			0	0	0	0	Hail (0.75)
Dewey County Isabel	12	2200CST			0	0	0	0	Tornado (F0) A narrow path tornado touched down briefly near Isabel.
Dewey County Isabel	12	2230CST-							
SOUTH CAROLINA, Central Cont'd									
	12	2235CST			0	0	?	?	Hail (3.75) Large hail damaged corn crops and damaged many vehicles in Isabel and at a car dealership.
Corson County McLaughlin	12	2305CST			0	0	?	?	Hail (1.75)
Corson County Timber Lake	12	2305CST			0	0	?	?	Hail (1.75)
Jones County Okaton	13	2100CST			0	0	0	?	Hail (1.00) Large hail damaged some crops near Okaton.
Stanley County 7 E Hayes	13	2125CST			0	0	?	0	Thunderstorm Winds (G65)
Stanley County 15 NW Pierre	13	2133CST			0	1	40K	0	Thunderstorm Winds (G70) Eighty mph winds destroyed two mobile homes parked in the Chantier Heights Development 15 miles northwest of Pierre on South Dakota Highway 1806. A 77-year-old woman was injured when her mobile home parked on a bluff overlooking Lake Oahe partially rolled down the bluff, toward the lake. The woman received, minor injuries.
Stanley County 16 NW Pierre	13	2135CST			0	0	30K	0	Thunderstorm Winds (G70) Eighty mph winds were responsible for damaging two sailboats at Spring Creek. The high winds also blew the middle section off the roof of the lodge, ripped apart two sheds and the top of a picnic shelter, destroyed a pop-up camper, and a 29-foot camper trailer was tipped onto its side. A garage was also lifted off the ground and its walls buckled before settling back down.
Hughes and Stanley County Pierre/Ft Pierre	13	2138CST			0	0	0	0	Thunderstorm Winds (G65)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
Small to large tree branches were downed in the Pierre and Ft. Pierre area. Some power lines were also downed in Ft. Pierre.									
Hughes County 4 WNW Canning	13	2145CST			0	0	0	0	Thunderstorm Winds (G56)
Hughes County Blunt	13	2200CST			0	0	0	0	Thunderstorm Winds (G61)
Potter County 16 W Gettysburg	13	2215CST			0	0	?	0	Thunderstorm Winds (G61) Seventy mph winds damaged a boat storage building at West Whitlock.
Potter County Gettysburg	13	2230CST			0	0	?	0	Thunderstorm Winds (G52) Winds of 60 mph broke off some two to three inch diameter tree branches along with some shingles blown off roofs.
Potter County Gettysburg	13	2230CST			0	0	?	0	Lightning Lightning struck the roof of a home and punched a four-inch hole in the roof.
Faulk County Miranda	13	2230CST			0	0	?	0	Thunderstorm Winds (G61) Winds of 70 mph broke six to eight inch diameter tree limbs in Miranda. A hog shed was also destroyed near Miranda.
Hand County 12 N St Lawrence	13	2245CST			0	0	?	0	Thunderstorm Winds (G78) Some large trees were uprooted and a garage was blown down.
Hand County 13 NE Miller	13	2245CST			0	0	0	0	Thunderstorm Winds (G61)
Hand County 8 W Miller	13	2245CST			0	0	0	0	Thunderstorm Winds (G56)
Hand County 11 S Orient	13	2250CST			0	0	0	0	Thunderstorm Winds (G52)
Hand County 11 NNE St Lawrence	13	2250CST			0	0	0	0	Thunderstorm Winds (G56)
Spink County 5 NE Redfield	13	2315CST			0	0	0	0	Thunderstorm Winds (G52)
Spink County Mellette	13	2335CST			0	0	?	0	Thunderstorm Winds (G78) Winds gusting to 90 mph tore shingles off some roofs, downed some power poles, and some large trees. Also, some grain bins were destroyed, the crows nest at the sports complex was blown down, and at the airport a hanger door was blown off with some substantial hanger damage.
Spink County Athol	13	2340CST			0	0	?	0	Thunderstorm Winds (G70) Winds gusting to 80 mph brought some telephonepoles down. The power was out for many people in Athol through 0500 CST. Large tree branches were also downed throughout Athol.
Spink County Ashton	13	2340CST			0	0	?	0	Thunderstorm Winds (G70)
SOUTH CAROLINA, Central Cont'd									
Eighty mph winds tore some grain bins off their foundations and some windows were also broken in Ashton.									
Spink County Redfield	13	2345CST			0	0	?	0	Thunderstorm Winds (G70) Some large tree limbs were downed in Redfield as a result of the 80 mph winds. Some vehicles sustained damage as a result of tree limbs falling onto them.
Spink County Brentford	13	2355CST			0	0	?	0	Thunderstorm Winds (G70) High winds downed several trees and power poles in Brentford. Also, a roof was damaged from a large tree falling onto it.
Spink County Conde	13	2358CST			0	0	?	0	Thunderstorm Winds (G70) A few trees were downed from winds gusting to 80 mph.
Brown County Ferney	14	0000CST			0	0	0	0	Thunderstorm Winds (G52)
Day County Bristol	14	0025CST			0	0	?	0	Thunderstorm Winds (G70) Eighty mph winds knocked out the power in Bristol throughout the night. Also, several trees were downed.
Day County 2 1/2 N Webster	14	0025CST			0	0	?	0	Thunderstorm Winds (G70) High winds destroyed a steel bin and broke off some power poles. Also, a storage building was knocked down.
Day County Webster	14	0025CST			0	0	?	0	Thunderstorm Winds (G70) Eighty mph winds downed several trees in Webster. A small barn was blown down on the north edge of town. A van atm automobile business sustained body and glass damage when a pontoon boat from the neighboring auto and marine business blew into it. A roof was also blown off a house and deposited in a field.
Day County 3 NE Roslyn	14	0027CST			0	0	?	0	Thunderstorm Winds (G56) Two grain bins were blown over from the 65 mph winds.
Marshall County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Britton	14	0030CST			0	0	?	0	Thunderstorm Winds (G56) Winds gusting to 65 mph destroyed a hangar at the Britton Airport and also many tree limbs were downed in Britton.
Day County Pickerel Lake 16 SW Sisseton	14	0040CST			0	0		0	Thunderstorm Winds (G70) High winds knocked out the power at Pickerel Lake and also caused some tree and dock damage. A shed was also knocked down by the high winds.
Brown County 23 NE Aberdeen	16	1345CST- 1355CST			0	0	0	0	Tornado (F0) A narrow path tornado touched down 5 W and 2 N of Claremont and stayed on the ground for ten minutes before dissipating.
Corson County Mclaughlin	27	0147CST			0	0	0	0	Hail (0.75)
Spink County Redfield	27	0155CST			0	0	0	0	Thunderstorm Winds (G61)
Campbell County Mound City	27	0240CST			0	0	0	0	Thunderstorm Winds (G56)
Walworth County Selby	27	0245CST			0	0	0	0	Thunderstorm Winds (G52)
Edmunds County Roscoe	27	0335CST			0	0	0	0	Hail (G75)
Edmunds County Ipswich	27	0345CST			0	0	?	0	Thunderstorm Winds (G70) Winds gusting to 80 mph uprooted and damaged several trees. Also, many power and cable lines were downed along with some buildings being damaged.
Spink County 6 E Mansfield	27	0420CST			0	0	0	0	Thunderstorm Winds (G61)
Edmunds County Mina Lake	27	0440CST			0	0	0	0	Thunderstorm Winds (G61)
Brown County Aberdeen	27	0505CST			0	0	0	0	Thunderstorm Winds (G56) Some four-inch diameter tree branches were downed in southern Aberdeen.
Day County Bristol	27	0520CST			0	0	0	0	Thunderstorm Winds (G52)
Day County 5 SE Bristol	27	0530CST			0	0	0	0	Thunderstorm Winds (G52)
SOUTH DAKOTA, Southeast									
Clark County 14 NW Clark SD to Clark SD	03	1625CST- 1640CST			0	0	5K	?	Hail (1.75) Golf ball-size hail broke windows. The hail, combined with heavy rain and 40 mph Winds, also damaged crops, especially corn and small grain.
Clark County	03	1630CST			0	0	3K	0	Lightning Lightning struck a tree next to a house and blew out three television sets, a microwave oven, and damaged a cordless telephone in the house.
Clark County Raymond, Garden City	03	2100CST- 04 0030CST			0	0	?	?	Heavy rain Rainfall of three to five inches flooded roads, fields, basements, and some buildings at ground level including a bowling establishment.
Beadle County Huron	03	2200CST			0	0	0	0	Hail (1.00)
Hamlin County 5 S Hayti	03	2320CST			0	0	0	0	Hail (0.75)
Beadle, Jerauld, Sanborn, Miner, Lake, Moody, Brule, Aurora, Davison, Hanson, McCook, Minnehaha, Turner, Lincoln Counties	11	1100CST- 14 1800CST			0	1	0.1M	0	Extreme heat High heat and humidity caused many roads to buckle or blow, especially those of concrete. Blowups were reported at 35 locations on Interstate 90 from Chamberlain to the Sioux Falls area. There was one known case of heat exhaustion in Sioux Falls, and 7,000 turkeys died at a turkey farm 10 miles north of Huron.
Codington County Florence	14	0030CST			0	0	0	0	Thunderstorm Winds (G56)
Codington County 7 N Watertown	16	1000CST			0	0	6K	0	Thunderstorm Winds Apparent microburst with Winds of unknown speed caused broken windows and damage to vehicles from blowing gravel, sand and lumber. The wind was confined to the parking area and facilities of a casino.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Moody County Flandreau	19	0500CST-			0	0	.1M	?	Heavy rain
	19	0800CST							4.1 inches of rain flooded roads, basements, and nearby fields. The rain also washed out several rural roads. The flooding was compounded in Flandreau by an inadequate sewer system, which was being upgraded.
Douglas County 5 W Armour	21	1630CST			0	0	?	0	Thunderstorm Winds (G61)
Minnehaha County 4 1/2 N Humboldt	21	1725CST			0	0	5K	0	Thunderstorm Winds (G52)
									Thunderstorm winds blew down trees up to two feet in diameter.
Minnehaha County 11 N-2 N Humboldt	21	1725CST-			0	0	0.1M	1M	Hail (0.75)
	21	1745CST							Hail destroyed a 30 square mile area of crops and broke windows of houses and vehicles.
Yankton County Yankton	21	1831CST			0	0	0	0	Hail (0.88)
Brookings County Brookings	23	1230CST-			0	0	.01M	0	Thunderstorm Winds
	23	1300CST							Thunderstorm winds of unknown speed caused tree damage, with some branches damaging power lines.
Minnehaha County Sioux Falls	23	1355CST-			0	0	?	0	Hail (1.75)
	23	1405CST							Hail caused generally light damage as the large hail was minimal and fell on a very small area.
Minnehaha County Sioux Falls	23	1400CST			0	0	5K	0	Lightning
									Lightning blew a four by six foot hole in a roof and started a small fire which was quickly extinguished.
Turner County Davis	23	1515CST			0	0	?	5K	Hail (1.75)
Lincoln County 4 N/1 E Beresford	23	1530CST			0	0	0	0	Hail (0.75)
SOUTH DAKOTA, Southeast Cont'd									
Minnehaha County 5 W Lyons, Crooks, Brandon, Valley Springs	25	1420CST-			0	0	?	?	Hail (1.75)
	25	1500CST							Hail fell in a long swath from northwest to east of Sioux Falls in southern Minnehaha County.
Clark County 1 N Elrod	27	0315CST			0	0	2K	0	Thunderstorm Winds (G61)
									Thunderstorm Winds caused tree damage.
Codington County Watertown	27	0330CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm winds of unknown speed blew down power lines.
Kingsbury County De Smet	27	0335CST			0	0	0	?	Hail (1.00)
Kingsbury County De Smet/Arlington	27	0335CST-			0	0	.02M	0	Thunderstorm Winds
	27	0425CST							Thunderstorm winds of unknown speed damaged trees and power lines.
Kingsbury County Badger to 2 N Arlington	27	0340CST-			0	0	.05M	1M	Hail (1.75)
	27	0425CST							Large hail caused extensive crop damage, with hail falling continuously for as long as 45 minutes. One farmer lost 740 acres of corn, beans, and wheat. The hail also broke some windows and otherwise damaged cars.
Brookings County Brookings	27	0430CST			0	2	.02M	0	Lightning
									Lightning blinded a truck driver, triggering a four vehicle accident on Interstate 29.
Codington County 1 NE Watertown	27	0600CST			0	0	5K	0	Thunderstorm Winds (G61)
									Thunderstorm winds caused tree damage.
Brookings County Bruce	27	0526CST			0	0	0	?	Hail (0.75)
									Hail destroyed 35 percent of the corn and soybean crops in the Bruce area and caused undetermined damage to small grain.
12 W Brookings	27	0635CST			0	0	2K	0	Thunderstorm Winds
									Thunderstorm Winds of unknown speed blew down tree limbs.
Moody County 6 N Flandreau to Flandreau	27	0622CST			0	0	?	0	Thunderstorm Winds
									Thunderstorm Winds of unknown speed blew down power lines and caused tree damage.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Minnehaha County Sioux Falls	27	0830CST			0	0	5K	0	Thunderstorm Winds Thunderstorm Winds of unknown speed flipped over a mobile home in transit.
Miner County 2 S Fedora	30	2230CST			0	0	??		Hail Hail of unknown size broke windows and damaged crops.
Kingsbury County Badger	30	2330CST			0	0	.01M	0	Lightning Lightning struck a house and started a fire which burned part of the roof and destroyed wiring.
SOUTH DAKOTA, Western									
Lawrence County Spearfish	06	1921CST			?	?	?	?	Thunderstorm Winds Winds gusted to 60 mph and caused many trees to be downed or damaged. Power was out for two to three hours due to tree branches lying on power lines.
Meade County Sturgis	06 06	1940CST- 2000CST			?	?	?	?	Thunderstorm Winds Winds gusted to 60 mph and caused many trees to be downed or damaged.
Edgemont County 1 W Fall River	09	2000CST	0.1	0.1	0	0	0	0	Tornado A tornado was reported on the ground just west of Edgemont for just a few seconds. There was no reports of damage were received.
Perkins County Lemmon	11	2100CST			?	?	?	?	Thunderstorm Winds
SOUTH DAKOTA, Western Cont'd									
Winds in excess of 60 mph were reported by Radio KBJM. Many trees were downed and caused some property damage.									
Pennington County Rapid City	12	2317			?	?	2.5K	?	Lightning Lightning started a garage on fire which resulted in \$2500 in damage.
Pennington County Black Hawk	13	1435CST			?	?	?	?	Hail (1.75)
Meade County Elsworth Air Force Base	13	1505CST- 1515CST			?	?	?	?	Hail (1.00-2.00)
Pennington County Box Elder	13	1514CST			?	?	?	?	Hail (0.75-1.00)
Pennington County Wall 4 N	13	1830CST	0.1	0.1	0	0	0	0	Tornado A small tornado was reported to have touched down briefly and caused structural damage to some grain bins.
Jackson County Kadoka	13	1845CST- 1915CST			?	?	20K	?	Thunderstorm Winds Strong winds of 60-75 mph did major damage in parts of Kadoka. Roofs were torn off buildings, big trees were uprooted buildings and vehicles were damaged. An Old Home bread truck was laid over on Interstate-90 near Kadoka. People said the roar of the wind sounded like a tornado. Damage was estimated in the tens of thousands of dollars.
Jackson County Belvidere	13	1900CST- 1930CST			?	?	?	?	Thunderstorm Winds Strong winds of 60-75 mph damaged windows, gardens, trees, fresh bailed hay, and grainerys. Two to four inches of rain also fell.
Meade County Piedmont	15	1235CST			?	?	?	?	Hail 0.75
Custer County 10 W Custer	15	2115CST			?	?	?	?	Thunderstorm Winds Winds were estimated at 70 mph.
Custer County Wind Cave	15	2115CST			?	?	?	?	Damage to cars was reported.
SDZ024-026-027 -029-041	15	1300CST- 2100CST			?	?	?	?	Heavy Rains Heavy rains of one to two inches/hour were reported over the Black Hills and southwestern South Dakota. It began in the Lead/Deadwood area and spread southeastward into Johnson Siding, Custer, and Oelrichs. Localized flooding of mainly streets

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									was reported.
Pennington County 4 SW Rapid City	18	1610CST- 1616CST			?	?	?	?	Hail (1.00-1.50) Reported by the MIC at his residence.
Harding County Buffalo	18	1615CST			?	?	?	?	Thunderstorm Winds The Buffalo Automatic Meteorological Observing System recorded a 62 mph wind gust.
Harding County 5 NE Buffalo	18	1620CST			?	?	?	?	Hail (0.75-1.00) Large hail caused some crop and structural damage near Buffalo.
Lawrence County 2 N Whitewood	18	1717CST			?	?	?	?	Thunderstorm Winds Tree damage was reported.
Pennington County Black Hawk	18	1727CST			?	?	?	?	Hail (0.50-1.00)
Meade County 1 W Tilford	21	1430CST			?	?	?	?	Hail (1.50)
SOUTH DAKOTA, Western Cont'd									
Butte County Belle Fourche	21	1830CST			?	?	?	?	Thunderstorm Winds Strong winds of 80 mph caused tree and structural damage. One-half inch hail and 2.35 inches of rain also accompanied the storm.
Lawrence County Spearfish	23	1520CST			?	?	?	?	Hail (1.75)
Lawrence County 6 W Sturgis	24	1435CST			?	?	?	?	Hail (1.75-2.75) 1.75 to 2.75 inch hail occurred in Boulder Canyon, between Sturgis and Deadwood. Damage was reported from mobile homes and automobiles.
Meade County 3 W Sturgis	24	1440CST			?	?	?	?	Hail (2.75)
Pennington County Sheridan Lake	24	1615CST			?	?	?	?	Hail (1.50)
Lawrence County Spearfish	24	2100CST			?	?	?	?	Thunderstorm Winds Strong winds caused some trees to be downed.
Lawrence County Spearfish	24	2130CST			?	?	10K	?	Lightning Lightning struck a church and caused structural damage.
TENNESSEE									
McNairy County Ramer	03	1535CST			0	0	5K	0	Hail (1.75)
Perry County Linden	03	1540CST			0	0	.01M	0	Thunderstorm Winds Numerous trees were knocked down.
Lewis County Hohenwald	03	1601CST			0	0	.05M	0	Thunderstorm Winds A roof was blown off of a house. Overall, six barns and 67 homes were damaged. Numerous trees and power lines were blown down.
Maury County Stiversville Culleoka Campbell Station	03	1640CST- 1657CST			0	0	5K	0	Thunderstorm Winds Several trees and power lines were knocked down.
Lawrence County Nrn Lawrence County	03	1700CST			0	0	1K	0	Thunderstorm Winds A large tree was blown down.
Marshall County Lewisburg	03	1719CST			0	0	.01M	0	Thunderstorm Winds Numerous trees were blown down.
Lincoln County Lincoln	03	1755CST			0	0	5K	0	Thunderstorm Winds Several trees and power lines were knocked down.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Franklin County Winchester	03	1800CST			0	0	0.1M	0	Thunderstorm Winds Two storage buildings lost their roofs. Several homes and business were damaged. Numerous trees, power lines and telephone poles were blown down.
Hamilton County Chattanooga	03	1950CST			0	0	2K	0	Thunderstorm Winds Several trees were knocked down.
Overton County Rushing Springs	04	1500CST			1	0	0	0	Lightning One man was killed by a lightning strike while working on a barn roof. M66O
Shelby County Collierville Arlington Fisherville	04	1520CST			0	0	.05M	0	Thunderstorm Winds A church lost its steeple and a few homes were damaged in Collierville. A roof was blown off of a mobile home in Arlington. Several trees were blown down.
TENNESSEE Cont'd									
Fayette County Macon	04	1525CST			0	0	.05M	0	Thunderstorm Winds (G64) A house under construction collapsed. Six to eight trees were knocked down.
Hardeman County Bolivar	04	1549CST			0	0	0.1K	0	Hail(0.75)
Hardeman County Whiteville	04	1601CST			0	0	5K	0	Thunderstorm Winds A few trees were knocked down.
Carroll County Huntingdon	04	1630CST			0	0	5K	0	Thunderstorm Winds A greenhouse was blown down. A cross was knocked off the top of a church. Several trees were blown down as well.
Davidson County Joelton	04	1730CST			0	1	0	0	Lightning A man was injured by a lightning strike while sitting on his front porch.
Dickson County Dickson	04	1800CST			0	0	2K	0	Thunderstorm Winds Several trees and tree limbs were blown down.
Hamilton County Chattanooga	04	1828CST			0	0	2K	0	Thunderstorm Winds A few power lines were knocked down.
Bradley County Cleveland	04	1846CST			0	0	.01M	0	Thunderstorm Winds Numerous trees were blown down.
Lauderdale County Ripley	05	0150CST			0	0	2K	0	Thunderstorm Winds One tree and several power lines were blown down.
Dyer County Newbern	08	0630CST			0	0	0.5K	0	Hail (0.88)
Dyer County Newbern	08	0630CST			0	0	2K	0	Thunderstorm Winds A telephone pole was knocked down.
Shelby County Germantown	08	0700CST			0	1	0	0	Lightning A woman was injured by a lightning strike.
Tipton County Covington	08	2315CST			0	0	2K	0	Thunderstorm Winds Several trees were blown down.
Lauderdale County Asbury	08	2330CST			0	0	.02M	0	Thunderstorm Winds A large oak tree was knocked down damaging a carport and demolishing a truck while falling.
Shelby County Memphis	08	2340CST			0	0	2K	0	Thunderstorm Winds A few trees were knocked down.
Hawkins County Guntown	09	1555CST			0	0	1K	0	Thunderstorm Winds Some trees were blown down.
Hardeman County Hickory Valley	09	1730CST			0	0	0.5K	0	Hail (0.88)
Shelby County Germantown	10	0005CST			0	0	0.3M	0	Lightning

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
A house and two cars were badly damaged by a fire started by lightning.									
Sullivan County Bristol	10	1906CST-1918CST			0	0	5K	0	Thunderstorm Winds
Several trees and power lines were knocked down.									
Knox County Heiskell	14	0020CST			0	0	0.1K	0	Hail (0.75)
Union County Maynardville	14	1530CST			0	0	5K	0	Hail (1.75)
Cheatham County Ashland City	14	1600CST			0	0	.01M	0	Thunderstorm Winds
Numerous trees were blown down.									
TENNESSEE Cont'd									
Maury County 5 E Santa Fe	14	1600CST			0	0	.01M	0	Thunderstorm Winds
Numerous trees were knocked down.									
Hickman County Centerville Pinewood	14	1640CST-1710CST			0	0	5K	0	Thunderstorm Winds
Several trees were blown down.									
Humphreys County McEwen	14	1730CST			0	0	1K	0	Hail (1.00)
Humphreys County Waverly	14	1730CST			0	0	5K	0	Thunderstorm Winds
A few trees were knocked down.									
Benton County Big Sandy Camden	14	1800CST			0	0	5K	0	Thunderstorm Winds
Several trees were blown down.									
Henry County Puryear	14	1815CST			0	0	0.1K	0	Hail (0.75)
Anderson County Clinton	14	2000CST			0	0	.01M	0	Thunderstorm Winds
Some metal roofs were blown off. Several trees and power lines were knocked down as well.									
Knox County Heiskell	14	2000CST			0	0	0.1K	0	Hail (0.75)
Knox County Heiskell	14	2000CST-2030CST			0	0	5K	0	Thunderstorm Winds
A few trees were blown down.									
Cocke County Newport	14	2100CST			0	0	2K	0	Thunderstorm Winds
A satellite dish was blown off of a roof and fell into a parking lot.									
Clay County Moss Celina	15	1250CST-1310CST			0	0	5K	0	Thunderstorm Winds
Several power lines were knocked down.									
Unicoi County Limestone Cove	15	1415CST			0	0	5K	0	Thunderstorm Winds
Several trees and power lines were knocked down.									
Jefferson County Dandridge	15	2030CST			0	0	2K	0	Flash Flood
One basement was flooded and numerous roads were flooded as well.									
Hamilton County Chattanooga	16	1245CST			0	0	5K	0	Thunderstorm Winds
A few trees and power lines were knocked down.									
Bradley County Cleveland	16	1315CST			0	0	1K	0	Thunderstorm Winds
A tree was blown down and fell on a camper top for a pickup.									
Knox County Knoxville	16	1420CST			1	0	0	0	Heat
A homeless man died due to the heat. M64O									
Washington County Jonesborough	16	1745CST			0	0	2K	0	Thunderstorm Winds
A few power lines were blown down and a home garden was damaged.									
Anderson County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Norris	17	1400CST			0	0	0.1M	0	Lightning
									A home built in the 1930's was destroyed by a fire that was started by lightning.
Hawkins County St. Clair	17	1540CST			0	0	1K	0	Thunderstorm Winds
									A large tree was blown down.
Hancock County Sneedville	17	1600CST			0	0	5K	0	Thunderstorm Winds
TENNESSEE Cont'd									
									Several trees were knocked down.
McMinn County Athens	17	1630CST			0	0	2K	0	Thunderstorm Winds
									A few power lines were blown down.
Shelby County Collierville	17	1800CST			0	0	0.2M	0	Lightning
									A house was badly damaged by a fire that was started by lightning.
Fayette County 2 NW Oakland	20	1813CST			0	0	2.5K	0	Lightning
									A metal tool shed was damaged by a fire set by lightning.
Stewart County Dover	22	1315CST			0	0	.01M	0	Thunderstorm Winds
									Numerous trees and power lines were knocked down.
Dickson County Dickson	22	1345CST			0	0	5K	0	Thunderstorm Winds
									Several trees and large tree branches were blown down.
Montgomery County Clarksville	22	1345CST- 1415CST			0	0	.01M	0	Thunderstorm Winds
									Numerous trees and power lines were knocked down.
Houston County Stewart	22	1350CST			0	0	1K	0	Thunderstorm Winds
									One large tree was blown down.
Robertson County Cedar Hill	22	1425CST			0	0	1K	0	Thunderstorm Winds
									One large tree limb was knocked down.
Davidson County Nashville	22	1440CST			0	0	2K	0	Thunderstorm Winds
									Several power lines were blown down.
Sumner County 2 NE White House	22	1445CST			0	0	1.0K	0	Thunderstorm Winds
									A large tree was knocked down.
Davidson County Hermitage	22	1455CST			0	0	2K	0	Thunderstorm Winds
									A couple of trees were blown down.
Wilson County Watertown	22	1510CST- 1600CST			0	0	5K	0	Thunderstorm Winds
									Several trees and power lines were knocked down.
Wilson County Lebanon	22	1535CST			0	0	2K	0	Thunderstorm Winds
									One utility pole was knocked down.
Rutherford County Murfreesboro	22	1545CST			0	6	1K	0	Lightning
									Six people attending an outdoor carnival were injured when lightning struck a nearby power pole. A large tree was destroyed by a separate lightning strike.
Rutherford County Murfreesboro	22	1545CST			0	0	.01M	0	Thunderstorm Winds
									Numerous trees and power lines were knocked down.
Putnam County Burgess Falls	22	1640CST- 1645CST			0	0	2K	0	Thunderstorm Winds
									A couple of trees were blown down across a road.
DeKalb County Smithville	22	1645CST- 1650CST			0	0	5K	0	Thunderstorm Winds
									Several power lines and large tree limbs were knocked down.
Cannon County 8 S Woodbury	22	1645CST			0	0	5K	0	Thunderstorm Winds
									Several trees were blown down.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Marion County Kimball	22	1825CST			0	0	2K	0	Thunderstorm Winds
TENNESSEE Cont'd									
			A couple of trees were knocked down.						
Tipton County Covington	22	1845CST			0	0	2K	0	Thunderstorm Winds
			A few trees were blown down.						
Hardeman County Bolivar	22	1945CST			0	0	2K	0	Thunderstorm Winds
			Several trees were knocked down on top of some power lines.						
Tipton County Covington	23	1640CST			0	0	2K	0	Thunderstorm Winds
			A few large trees were blown down.						
Lauderdale County Henning	23	1645CST			0	0	2K	0	Thunderstorm Winds
			Some trees were knocked down across power lines.						
Shelby County Bartlett	23	1705CST- 1710CST			0	0	5K	0	Thunderstorm Winds
			Several trees were blown down. One tree fell on a house.						
Hardeman County Hornsby	23	1835CST			0	0	2K	0	Thunderstorm Winds
			A pecan tree that was two feet in diameter was knocked down.						
Rutherford County Fosterville Christiana	23	2000CST			0	0	.01M	0	Thunderstorm Winds
			Many trees were blown down.						
Carroll County Huntingdon	24	1137CST			0	0	.02M	0	Lightning
			One apartment was destroyed and another apartment was damaged by a fire that was started by lightning.						
Carroll County Hollow Rock	24	1155CST			0	0	5K	0	Thunderstorm Winds
			Several trees and power lines were blown down.						
Benton County Camden	24	1230CST			0	0	.02M	0	Lightning
			A house was damaged by a fire started by lightning.						
Montgomery County Clarksville	24	1315CST			0	0	5K	0	Thunderstorm Winds
			Several trees were knocked down.						
Davidson County Sr Davidson County	24	1400CST			0	0	2K	0	Thunderstorm Winds
			Several trees and power lines were blown down.						
Rutherford County Murfreesboro Smyrna	24	1405CST			0	0	5K	0	Thunderstorm Winds
			A few trees and power lines were blown down.						
Wilson County Lebanon	24	1424CST- 1500CST			0	0	5K	0	Thunderstorm Winds
			Several trees and power poles were blown down.						
Benton County Camden	24	1445CST			0	0	2K	0	Thunderstorm Winds
			A few trees and power lines were knocked down.						
Cannon County Auburntown	24	1515CST			0	0	2K	0	Thunderstorm Winds
			Some telephone lines were blown down.						
DeKalb County Smithville	24	1515CST			0	0	2K	0	Thunderstorm Winds
			A couple of trees were knocked down.						
Jackson County 10 S Gainesboro	24	1525CST			0	0	5K	0	Thunderstorm Winds
			Several trees were blown down.						
White County Sparta	24	1530CST			0	0	5K	0	Thunderstorm Winds
			Several trees were knocked down.						

TENNESSEE Cont'd

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Putnam County Cookeville	24	1545CST			0	0	2K	0	Thunderstorm Winds
			A couple of trees were blown down in the north and southwest section of the city.						
Cumberland County Mayland	24	1547CST			0	0	1K	0	Thunderstorm Winds
			A large tree was blown down.						
Rhea County Spring City	24	1640CST			0	0	1K	0	Thunderstorm Winds
			One large tree was knocked down.						
Meigs County Decatur	24	1655CST			0	0	2K	0	Thunderstorm Winds
			Several trees were blown down.						
McMinn County Athens	24	1715CST			0	0	1K	0	Thunderstorm Winds
			A large tree was knocked down.						
Sullivan County Kingsport	25	1630CST			0	0	.01M	0	Thunderstorm Winds
			Two businesses had their signs damaged. Several trees and power lines were blown down.						
Carter County Elizabethton	25	1655CST			0	0	0.1K	0	Hail (0.75)
Carter County Elizabethton	25	1655CST			0	0	2K	0	Thunderstorm Winds
			Several trees were knocked down.						
Johnson County Mountain City	25	1730CST			0	0	5K	0	Thunderstorm Winds
			A few trees and power lines were blown down.						
Madison County Pinson	26	1541CST			0	0	0.1K	0	Hail (0.75)
Madison County Pinson	26	1541CST			0	0	2K	0	Thunderstorm Winds
			Several large tree limbs were blown down.						
Rutherford County Smyrna	26	1649CST			0	0	0	0	Thunderstorm Winds (G55)
			A wind gust of 63 mph was reported at the observation site in Smyrna.						
Meigs County 3 N Decatur	27	1605CST			0	0	2K	0	Thunderstorm Winds
			A few trees were knocked down.						
Grundy County Altamont Coalmont	28	0030CST			0	0	2K	0	Flash Flood
			Several roads were closed due to flash flooding of a few nearby creeks and streams.						
Gibson County Dyer	28	1128CST			0	0	0.1M	0	Lightning
			A hotel built in the 1920's was destroyed by a fire started by lightning.						
Hawkins County Kingsport	30	1710CST			0	0	.01M	0	Thunderstorm Winds
			Several trees and power lines were blown down.						
Anderson County Oak Ridge	30	1845CST			0	0	5K	0	Thunderstorm Winds
			Several trees were blown down.						
Unicoi County Erwin	31	1240CST			0	0	2K	0	Thunderstorm Winds
			A few trees were knocked down on top of some power lines.						
Greene County Greeneville	31	1330CST			0	0	2K	0	Thunderstorm Winds
			Some trees were blown down.						
Washington County Johnson City	31	1330CST			0	0	2K	0	Thunderstorm Winds
			Several trees were knocked down.						
Sevier County Sevierville	31	1610CST			0	0	2K	0	Thunderstorm Winds
			A few trees were blown down.						
TENNESSEE Cont'd									
Claiborne County Tazewell	31	1745CST			0	0	5K	0	Thunderstorm Winds
			Some trees were knocked down.						
Morgan County Oneida	31	1745CST			0	0	2K	0	Thunderstorm Winds
			Several trees were blown down along Highway 27.						

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Knox County Powell	31	1800CST			0	0	.01M	0	Thunderstorm Winds
									A airplane hangar was destroyed and a small airplane was overturned.
Morgan County Oneida	31	1830CST			0	0	2K	0	Thunderstorm Winds
									A few trees were knocked down.
Campbell County La Follette	31	1900CST			0	0	5K	0	Thunderstorm Winds
									Several trees were blown down.
TEXAS, North Panhandle									
Moore Co. Sunray	01	2010CST			0	0	0	0	Hail 175
Sunray	01	2018CST			0	0	0	0	Hail 175
Dumas	01	2037CST			0	0			Hail 175
Potter Co. 10N Amarillo	01	2143CST			0	0	0	0	Hail 75
6NE Amarillo	01	2205CST			0	0	25K	0	Tstm Wind 55
									Thunderstorms moved southeast across the panhandles bringing strong outflow winds and hail up to golfball size. The winds northeast of Amarillo did about \$25K damage to the Clements prison unit. The golfball hail in Moore county produced some damage reports but was unable to confirm the extent of the damage.
Dallam Co. 5E Dalhart	02	1550CST			0	0	0	0	Hail 75
Moore Co. 3NW Dumas	02	1615CST			0	0	0	0	Hail 175
2W Dumas	02	1619CST			0	0	0	0	Hail 100
Sherman Co. Stratford	02	1700CST			0	0	0	0	Hail 75
Moore Co. Four Way	02	1704CST			0	0	0	0	Hail 175
Briscoe Co. Silverton	02	1745CST			0	0	0	0	Hail 75
Quitaque	02	1822CST			0	0	0	0	Hail 75
Moore Co. 10E Four Way	02	1833CST			0	0	0	0	Hail 75
Briscoe Co. Quitaque	02	1836CST			0	0	20K	0	Hail 175
Hutchinson Co. 6E Fritch	02	1854CST			0	0	0	0	Hail 75
Borger	02	1900CST			0	0	0	0	Hail 75
Carson Co. 10S Borger	02	1923CST			0	0	0	0	Hail 100
10S Borger	02	1935CST			0	0	0	0	Hail 150
8W Skellytown	02	1939CST			0	0	50K	0	Hail 275
Carson Co. 8N Panhandle	02	1944 to 1950CST	.3	50	0	0	0	0	Tornado F0
Carson Co. Panhandle	02	2012CST			0	0	75K	0	Hail 275
3NE Panhandle	02	2015 to 2025CST	.5	75	0	0	0	0	Tornado F0
Carson Co. 4NE Panhandle	02	2025CST			0	0	.2M	0	Hail 450
Gray Co. 15NE Groom	02	2120CST			0	0	0	0	Hail 75
									Severe thunderstorms produced two tornadoes over open country and very large hail. Over \$300K damage to automobiles and roof of homes. Several ARES Skywarn chasers got caught in the core and had significant damage to their vehicles.
Hartley Co. Channing	18	1620CST			0	0	0	0	Hail 100
									A single thunderstorm produced one inch hail in Channing.
Wheeler Co. 7NW Wheeler	21	1844CST			0	0	0	0	Hail 75
									The sheriff's office reported dime size hail.
TEXAS, North Panhandle Cont'd									
Gray Co. Pampa	22	1839CST			0	0	0	0	Hail 75
Roberts Co. Miami	22	1905CST			0	0	0	0	Tstm Wind 52
Hemphill Co. 9NE Miami	22	1921CST	.1	25	0	0	0	0	Tornado F0
									Thunderstorms in east central panhandle caused a brief tornado, strong winds and dime size hail. No damage was reported with these events.
Potter Co. 2NE Amarillo	23	1809CST			0	0	0	0	Hail 75
2N Amarillo	23	1813CST			0	0	0	0	Hail 100

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
7ENE Amarillo	23	1830CST			0	0	0	0	Hail 75
7ENE Amarillo	23	1832CST			0	0	0	0	Hail 100
5NE Amarillo	23	1840CST			0	0	.1M	0	Hail 275
Armstrong Co. Washburn	23	1859CST			0	0			Hail 175
1S Washburn to 5SE Washburn	23	1902 to 1917CST	4	150	0	0	0	0	Tornado F1
Armstrong Co. 8W Claude	23	1937CST			0	0	0	0	Hail 175
Claude	23	1945CST			0	0	.1M	0	Hail 175
8S Claude to	23	1950 to 1958CST	2	100	0	0	0	0	Tornado F0
Collingsworth Co. Sammorwood	23	2032CST			0	0	0	0	Hail 75
Hutchinson Co. Pringle	23	2127CST			0	0		0	Hail 175
Collingsworth Co. Quail	23	2205CST			0	0	0	0	Hail 100
3NE Wellington	23	2234CST			0	0	0	0	Hail 75

Thunderstorms did about \$200K damage from large hail in northeast Amarillo and Claude. The two tornadoes in Armstrong county were very photogenic but no damage occurred with these tornadoes.

TEXAS, South Panhandle

Nolan County Maryneal	02	1755CST			0	0	0	?	Hail (2.75)
Motley County 1.5 NW Flomot	02	1842CST			0	0	0	0	Tornado F0
Coke County 10 N Bronte	02	1845CST			0	2	10K	0	Thunderstorm Winds
Runnels County 2 SE Rowena	02	1945CST			0	0	0	50K	Hail (0.75)
Concho County Paint Rock	02	2000CST			0	0	0	0	Hail (0.75)

The Matador Fire Department spotters reported a tornado one to two miles northwest of Flomot. The brief tornado touched down in an open area and did not cause any damage. In Coke County, the sheriff's office reported winds overturned two campers, slightly injuring two people. Hail destroyed young cotton crops near Rowena in Runnels County. An National Weather Service co-operative observer in Paint Rock reported dime-size hail.

Lubbock County LBB	04	1607CST			0	0	0	0	Thunderstorm Winds
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A mostly-dry microburst caused a wind gust to 50 knots (50 mph) at Lubbock International Airport.

Tom Green County Water Valley	05	1605CST			0	0	0	?	Hail (1.00)
San Angelo	05	1707CST			0	0	0	0	Hail (0.75)
3 SW Christoval	05	1805CST			0	0	0	0	Hail (0.75)
Schleicher County Eldorado	05	1915CST			0	0	5K	0	Thunderstorm Winds
Crockett County Ozona	05	1920CST			0	0	0	?	Hail (1.00)

In Tom Green County, National Weather Service co-operative observers reported hail in Water Valley and near Christoval, and spotters reported dime-size hail in San Angelo. The Schleicher County Sheriff's Office reported wind damage to trees and power poles in Eldorado. The Crockett County Sheriff's Office reported quarter-size hail in Ozona.

Floyd County	20	1645CST- 1800CST			0	0	0	?	Flash Flood
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Crosby County 8 NE Crosbyton	20	1800CST			0	0	0	50K	Hail (0.50)
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Up to three inches of rain in just one hour flooded roads in and near Dougherty in southeast Floyd County. In northeast Crosby County, small hail destroyed some cotton fields.

TEXAS, North Central

TXZ083>090

Knox County Benjamin	02	2145CST			0	0	4	?	Thunderstorm Winds
Baylor County Westover	02	2245CST			0	0	?	?	Thunderstorm Winds (G61)
Knox County Benjamin	02	2245CST			0	0	?	?	Thunderstorm Winds

Evening thunderstorms produced severe straight-line winds in Baylor and Knox Counties. Wind speeds were estimated as high as 70 mph in Westover in Baylor County. In Knox County in Benjamin, severe thunderstorm winds blew a grain elevator over onto nearby power lines, and an hour later, downed limbs as large as five inches in diameter.

Clay County 3 WSW Joy	04	1650CST			0	0	?	?	Hail (0.88)
Clay County 2 S Joy	04	1746CST			0	0	?	?	Hail (0.88)
Archer County 11 S Windthorst	4	1900CST			0	0	?	?	Hail (1.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Shannon Clay County	04	1930CST			0	0	?	?	Hail (1.00)
Shannon Archer County	04	2045CST			0	0	?	?	Flash Flood
11 S Windthorst	04	2150CST			0	0	?	?	Flash Flood
Severe thunderstorms produced hail as large as quarters 11 miles south of Windthorst in Archer County and in Shannon in Clay County. After thunderstorms persisted in the same area for several hours, flash flooding became a problem. Water six inches deep covered roads in Shannon in Clay County. In Archer County, one foot of water covered SH 16 11 miles south of Windthorst.									
Wichita County (SPS) Wichita Falls/Sheppard Air Force Base	20	1756CST			0	0	?	?	Thunderstorm Winds (G97)
Wichita County (SPS) Wichita Falls/Sheppard Air Force Base	20	1759CST			0	0	3	?	Thunderstorm Winds
Clay County Charlie	20	1820CST-			0	0	?	?	Thunderstorm Winds (G56)
	20	1845CST			0	0	?	?	Thunderstorm Winds (G56)
Wichita County Wichita Falls	20	1845CST-			0	0	4	?	Thunderstorm Winds (G61)
	20	1903CST			0	0	4	?	Thunderstorm Winds (G61)
Severe thunderstorms produced damaging winds across Wichita and northern Clay Counties during the evening of the 20th. At Sheppard Air Force Base (SPS) in Wichita County, wind gusts reached as high as 106 mph, and a single-engine aircraft that had been tied down was flipped over. Almost one hour later, wind speeds in Wichita Falls were measured at 61 to 78 mph at a local TV station. Damage in Wichita Falls from the evening's storms included eight inch branches down, outbuildings damaged shingles blown off houses, a tree felled onto a car, and heavy metal awnings blown over. In Clay County in Charlie, winds up to 65 mph knocked out power to Charlie and Dean.									
Wichita County 2 SW Kamay	21	1700CST			0	0	?	?	Hail (0.75)
A severe thunderstorm in Wichita County produced three-quarters inch hail two miles southwest of Kamay.									
Foard County 10 SW Crowell	23	1845CST-			0	0	?	?	Hail (1.75)
	23	1900CST			0	0	?	?	Hail (1.75)
Foard County 7 S Crowell	23	1955CST			0	0	?	?	Hail (2.00)
Knox County 7 N Truscott	23	2010CST			0	0	?	?	Hail (2.50)
Foard County 8 SE Crowell	23	2020CST-			0	0	?	?	Hail (1.75)
	23	2035CST			0	0	?	?	Hail (1.75)
Severe thunderstorms in Foard and Knox Counties produced hail as large as tennis balls seven miles north of Truscott in Knox County.									
TEXAS, North									
Jones County Hawley	02	1800CST	short	narrow	0	0	40K	0	Tornado (F0)
A brief tornado touchdown unroofed a house, damaged a barn and blew down power lines.									
Hawley	02	1832CST			0	0	0	0	Hail (1.00)
7 E Hawley	02	1846CST			0	0	0	0	Hail (1.75)
6 E Hawley	02	1900CST			0	0	0	0	Hail (1.75)
TEXAS, Northern Cont'd									
Taylor County Abilene	02	1924CST			0	0	0	0	Hail (0.75)
Abilene	02	1942CST			0	0	0	0	Hail (0.75)
Abilene	02	2000CST			0	0	20K	0	Lightning
Lightning struck a house and started a fire.									
Coleman County Coleman	02	2130CST			0	0	0	0	Hail (1.75)
Shackelford County Fort Griffin	02	2314CST			0	0	0	0	Thunderstorm Winds (G52)
Montague County Sunset	04	1800CST			0	0	0	0	Hail (1.75)
15 SE Bowie	04	1842CST	short	narrow	0	0	0	0	Tornado (F0)
A brief tornado touchdown was reported.									
8 S Bowie	04	1844CST			0	0	0	0	Hail (1.75)
Bowie	04	1900CST			0	0	0	0	Hail (1.00)
Forestburg	04	1925CST			0	0	0	0	Hail (1.00)
Sunset	04	2045CST			0	0	0	0	Hail (0.75)
Forestburg	04	2113CST			0	0	0	0	Hail (2.50)
Forestburg	04	2200CST			0	0	0	0	Hail (1.75)
Young County Newcastle	04	1830CST			0	0	0	0	Hail (0.75)
Newcastle	04	2115CST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Graham	04	2140CST			0	0	0	0	Hail (1.75)
Graham	04	2140CST			0	0	0	0	Thunderstorm Winds
Trees were blown down by thunderstorm winds.									
Cooke County									
Myra	04	1927CST			0	0	0	0	Hail (0.75)
Gainesville	04	2010CST			0	0	0	0	Thunderstorm Winds
Large tree branches were blown down onto roads by high winds.									
5 S Muenster	04	2120CST			0	0	0	?	Hail (2.50)
Severe crop damage was reported south of Muenster from this storm.									
Muenster	04	2145CST			0	0	0	0	Hail (1.75)
Gainesville	04	2149CST			0	0	0	0	Hail (1.75)
Myra	04	2153CST			0	0	0	0	Hail (1.50)
Lindsay	04	2240CST			0	0	2K	0	Thunderstorm Winds
Power lines were blown down by high winds.									
Era	04	2300CST			0	0	0	0	Thunderstorm Winds (61)
Jack County									
Antelope	04	1932CST			0	0	0	0	Hail (0.88)
Bryson	04	2215CST			0	0	0	0	Hail (0.75)
Grayson County									
5 S Whitesboro	04	2019CST			0	0	0	0	Hail (0.75)
Whitesboro	04	2045CST			0	0	0	0	Hail (0.75)
Luella	04	2050CST			0	0	0	0	Hail (1.75)
Luella	04	2050CST			0	0	0	0	Thunderstorm Winds
Trees were blown down by high winds.									
Van Alstyne	04	2126CST			0	0	4K	0	Thunderstorm Winds
Power lines were blown down across the southern part of the county.									
Van Alstyne	04	2330CST			0	0	0	0	Thunderstorm Winds
Several large trees were blown down by high winds.									
Wise County									
Bridgeport	04	2030CST			0	0	0	0	Hail (0.75)
Alvord	04	2130CST			0	0	0	0	Thunderstorm Winds
Trees were blown down by high winds.									
Boyd	04	2215CST			0	0	0	0	Thunderstorm Winds (G69)
Alvord	04	2215CST			0	0	0	0	Thunderstorm Winds (G52)
Decatur	04	2215CST			0	0	10K	0	Thunderstorm Winds
Greenwood Road, between Greenwood and Decatur, was blocked by trees blown down by high winds. There were also numerous reports of trees blown onto power lines, causing widespread power outages.									
Decatur	04	2215CST			0	1	0	0	Lightning
A 35-year-old woman was struck by lightning between Decatur and Boyd. She was treated for minor injuries.									
Newark	04	2228CST			0	0	0	0	Thunderstorm Winds (G52)
Throckmorton County									
Throckmorton	04	2045CST			0	0	0	0	Hail (0.75)
Shackelford County									
8 W Albany	04	2113CST			0	0	0	0	Hail (1.00)
TEXAS, Northern Cont'd									
Fannin County									
Trenton	04	2125CST			0	0	0	0	Hail (1.75)
Trenton	04	2130CST			0	0	0	0	Thunderstorm Winds
Trees were blown down by thunderstorm winds.									
Bailey	04	2200CST			0	0	0	0	Hail (0.88)
Bailey	04	2225CST			0	0	0	0	Thunderstorm Winds
Trees were blown down by high winds.									
Palo Pinto County									
3 NW Mineral Wells	04	2205CST			0	0	0	0	Hail (1.00)
Mineral Wells	04	2300CST			0	0	250K	0	Lightning
Lightning started a fire at an apartment complex which destroyed 5 units.									
Parker County									
12 NW Weatherford	04	2210CST			0	0	2K	0	Thunderstorm Winds
Trees and power lines were blown down by high winds.									
Tarrant County									
Lake Worth	04	2228CST			0	0	0	0	Thunderstorm Winds (G52)
Azle	04	2300CST			0	0	0	0	Thunderstorm Winds (G52)
Denton County									
Krum	04	2240CST			0	0	0	0	Thunderstorm Winds (G70)
Sanger	04	2250CST			0	0	0	0	Thunderstorm Winds (G69)
Lamar County									
8 NW Paris	04	2245CST			0	0	25K	0	Thunderstorm Winds
A roof was blown off a house.									
Coryell County									
Flat	04	2300CST			0	0	0	0	Thunderstorm Winds (G65)

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Numerous trees were blown down by high winds.									
Collin County Celina	04	2315CST			0	0	2K	0	Thunderstorm Winds
									Power lines were blown down by high winds.
Stephens County Hubbard Creek Reservoir	04	2345CST			0	0	0	0	Hail (0.75)
Fannin County Bonham	05	0015CST			0	0	25K	0	Thunderstorm Winds
									High winds damaged the roof of a business.
Lamar County Brookston	05	0025CST			0	0	0	0	Hail (0.75)
Roxton	05	0025CST			0	0	0	0	Hail (0.75)
Palo Pinto County 5 W Palo Pinto	05	0029CST			0	0	0	0	Hail (0.75)
Parker County Garner	05	0100CST			0	0	0	0	Hail (0.88)
Weatherford	05	0110CST			0	0	0	0	Thunderstorm Winds (G52)
Tarrant County 7 N Fort Worth	05	0149CST			0	0	0	0	Hail (1.25)
Fort Worth	05	0150CST			0	0	0	0	Hail (0.75)
Denton County Sanger	05	0200CST			0	0	0	0	Thunderstorm Winds
									Trees were blown down across roads by high winds.
8 E Denton	05	0200CST			0	0	0	0	Thunderstorm Winds
									Trees were blown down across Highway 380 near the Trinity River bridge.
Collin County Plano	05	0245CST			0	0	2K	0	Thunderstorm Winds
									Power lines were blown down by high winds.
Plano	05	0245CST			0	0	500K	0	Lightning
									Lightning caused fires that burned two quarter million dollar homes to the ground.
Dallas County Addison	05	0330CST			0	0	0	0	Thunderstorm Winds
									Trees were blown down by high winds.
Dallas	05	0400CST			0	0	0	0	Flash Flooding
									Street flooding was reported on the Central Expressway at White Rock Lake.
Dallas	05	0430CST			0	0	150K	0	Lightning
									Lightning struck a house and started a fire.
TEXAS, Northern Cont'd									
Taylor County 6 NW Tuscola	05	0440CST			0	0	0	0	Hail (0.75)
Tuscola	05	0455CST			0	0	0	0	Hail (0.75)
Brown County 10 N Brownwood	05	0630CST			0	0	0	0	Thunderstorm Winds (G52)
McCulloch County Brady	06	1720CST			0	0	0	0	Hail (1.75)
Kaufman County Kemp	06	1725CST			0	0	5K	0	Thunderstorm Winds
									Trees and power lines were blown down, and a storage shed was unroofed.
Tarrant County Arlington	10	1356CST			1	0	0	0	Excessive Heat
									A 22-year-old man died from a heat stroke. He had been applying tar to the roof of a building when he lost consciousness. The heat index at the time was 109 degrees. M22OU
Bell County Temple	13	1400CST			0	0	0	0	Thunderstorm Winds
									There were numerous reports of trees blown down by high winds.
Smith County 7 SE Tyler	13	1515CST			0	0	10K	0	Thunderstorm Winds
									A tree was blown down onto a mobile home.
Tyler	13	1545CST			0	0	0	0	Thunderstorm Winds
									Numerous trees were blown down by high winds.
Panola County Lake Murvaul	13	1745CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down by high winds.
De Berry	13	1855CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down onto Highway 79, blocking the road.
San Augustine 5 SE San Augustine	18	1510CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down by high winds.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Sabine County Hemphill	18	1530CST			0	0	5K	0	Thunderstorm Winds
									A large pine tree was blown down onto a barn.
Collin County Plano	18	1816CST			0	0	20K	0	Lightning
									Lightning struck a home and started a fire.
Angelina County 5 NE Lufkin	19	1820CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down by high winds.
Lufkin	19	1825CST			0	0	0	0	Flash Flooding
									Street flooding was reported in Lufkin.
Lufkin	19	1835CST			0	0	2K	0	Thunderstorm Winds
									Trees and power lines were blown down by high winds.
Taylor County Abilene	24	1712CST			0	0	10K	0	Thunderstorm Winds
									A carport was blown off a house in southwest Abilene.
Abilene Regional Airport	24	1720CST			0	0	500K	0	Thunderstorm Winds (G55)
									High winds damaged one hangar, destroyed another, and damaged 20 planes.
Abilene	24	1720CST			0	0	75K	0	Thunderstorm Winds
									Widespread wind damage was reported across Abilene, including numerous reports of trees blown down, roof and fence damage, and damage to signs and carports. A 100 foot radio tower was blown down on the east side of town.
View	24	1720CST			0	0	10K	0	Thunderstorm Winds
									A barn was heavily damaged by high winds.
WSO Abilene	24	1723CST			0	0	0	0	Hail (1.00)
WSO Abilene	24	1728CST			0	0	0	0	Thunderstorm Winds (G55)
Stephens County Hubbard Creek Reservoir	24	1745CST			0	0	0	0	Hail (1.00)
Hubbard Creek Reservoir	24	1802CST			0	0	0	0	Hail (1.75)
									Golf ball-size hail occurred on the east side of the lake.
TEXAS, Northern Cont'd									
Eolian	24	1830CST			0	0	45K	0	Hail (4.00)
									Softball-size hail damaged roofs, windows, and cars.
Eolian	24	1830CST			0	0	5K	0	Thunderstorm Winds
									Thunderstorm winds blew the roof off a barn and destroyed a shed.
Hubbard Creek Reservoir	24	1838CST			0	0	0	0	Hail (2.75)
Hubbard Creek Reservoir	24	1838CST			0	0	2K	0	Thunderstorm Winds
									A fence was blown down by thunderstorm winds.
Hubbard Creek Reservoir	24	1915CST			0	0	0	0	Hail (0.75)
Young County Graham	24	1915CST			0	0	0	0	Hail (0.88)
1 SE Graham	24	1915CST			0	0	0	0	Hail (1.75)
5 W Graham	24	1920CST			0	0	0	0	Hail (1.75)
South Bend	24	1920CST			0	0	0	0	Hail (4.00)
Newcastle	24	1953CST			0	0	0	0	Hail (0.75)
3 W Olney	24	2015CST			0	0	0	0	Hail (0.88)
Olney	24	2025CST			0	0	0	0	Hail (1.00)
1 N Graham	24	2040CST			0	0	2K	0	Thunderstorm Winds
									Power lines were blown down by high winds.
Palo Pinto County Possum Kingdom Lake	24	1915CST			0	0	0	0	Hail (1.00)
Throckmorton County Woodson	24	1925CST			0	0	0	0	Hail (1.50)
Woodson	24	1940CST			0	0	0	0	Hail (1.00)
Elbert	24	1943CST			0	0	0	0	Hail (1.50)
Jack County 4 S Jacksboro	24	2030CST			0	0	0	0	Hail (0.75)
Bryson	24	2100CST			0	0	150K	0	Thunderstorm Winds
									High winds destroyed two mobile homes, damaged the school roof and blew a large tree down onto a house, causing major roof damage. There were numerous reports of trees and signs blown down.
Cass County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
7 N Linden	26	0410CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down onto County Road 1399.
North Central Texas	26 28				4	0	0	0	Excessive Heat
									A strong ridge of high pressure over the Southern Plains resulted in sunny skies, light winds and extreme heat. On the 28th, a 51-year-old record high temperature for the date was broken in the Dallas/Fort Worth area when the temperature climbed to 105 degrees. Heat index values pushed 115 degrees and overnight low temperatures only cooled to near 80. These conditions prompted the issuance of Excessive Heat Advisories for portions of North Texas. This excessive heat led to the deaths of four persons across North Texas.
Parker County Weatherford	26	afternoon			1	3	0	0	Excessive Heat
									A 45-year-old man suffered a heat stroke while being transported to Snyder on a prison bus. Three other persons were treated for heat related symptoms. M45VE
Smith County Tyler	26 26	afternoon- night			3	0	0	0	Excessive Heat
									Two elderly people, a 71-year-old woman and an 85-year-old man, were found dead in their homes from heat strokes. A 39-year-old man died from an apparent heat stroke after working in his attic for several hours. F71PH M85PH M39PH
Shelby County Shelbyville	29	0100CST			0	0	5K	0	Thunderstorm Winds
									Trees and power lines were blown down and the back porch was blown off a house.
Panola County 5 NE Carthage	29	0500CST			0	0	0	0	Thunderstorm Winds
									Several trees were blown down by thunderstorm winds.
North Central Texas	31	morning through the night							Flash Flood
									Tropical Storm Dean made landfall along the upper Texas coast and continued to move west-northwest into North Central Texas on the 31st. The remnants of Dean stalled over the western parts of North Central Texas producing heavy rain and flash flooding which started on the 31st and continued through the first several days of August. A weak tornado was also produced by the storm.
TEXAS, Northern Cont'd									
Limestone County Groesbeck	31	0814CST			0	0	0	0	Flash Flood
									Street flooding was reported.
Mexia	31	1030CST			0	0	0	0	Flash Flood
									Widespread street flooding was reported.
Hill County Malone	31	1020CST			0	0	0	0	Flash Flood
									Water was over Highway 171 between Malone and Hubbard.
Tarrant County Arlington	31	1110CST			0	0	0	0	Flash Flood
									Widespread street flooding was reported in Arlington along Division street.
Somervell County Countywide	31	1439CST			0	0	0	0	Flash Flood
									Numerous county and rural roads were flooded. By 1500 CST, 6.5 inches of rain had fallen 5 SW Glen Rose.
Erath County Countywide	31	1525CST			0	0	0	0	Flash Flood
									Highway 67 was flooded at the Selden Cutff. By 1600 CST, widespread flooding of low lying areas occurred across the county with several motorists stranded.
Countywide	31	1820CST			0	0	?	0	Flash Flood
									Widespread flooding was reported along Highways 281, 377 and 67 in the eastern part of the county. Several county roads were washed out and were impassable.
Hood County Granbury	31	1810CST			0	0	0	0	Flash Flood
									Widespread flooding occurred across the city, along Highway 377 west, and at Highway 4 and Farm-to-Market 1543.
Comanche County Countywide	31	1815CST			0	0	0	0	Flash Flood
									Widespread flooding was reported across the county, with several roads closed.
Palo Pinto County Countywide	31	1815CST			0	0	0	0	Flash Flood
									Highway 4 and Highway 16 south of Strawn were closed due to high water.
Eastland County Gorman	31	1904CST			0	0	0	0	Flash Flood
									Widespread flooding was reported with Highway 8 under water. One motorist was stranded and had to be rescued.
Wise County 3 SW Cottondale	31	1957CST	1.5	35	0	0	2K	0	Tornado (F0)
									A tornado destroyed two outbuildings, damaged a home, snapped trees and killed a cow.

TEXAS, Northeast

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Panola County Lake Murval	13	1745CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
De Berry	13	1855CST			0	0	0	0	Thunderstorm Winds Several trees were blown down across Higway 79.
San Augustine 5 SE San Augustine	18	1510CST			0	0	0	0	Thunderstorm Winds High winds produced several downed trees.
Sabine County Hemphill	18	1530CST			0	0	1	0	Thunderstorm Winds Thunderstorm winds blew down a large pine tree which fell across a barn.
Angelina County 5 NE Lufkin	19	1820CST			0	0	0	0	Thunderstorm Winds A few trees were blown down due to high thunderstorm winds.
Lufkin	19	1825CST			0	0	0	0	Lightning Lightning strikes resulted in numerous power outages.
Lufkin	19	1825CST-2030CST			0	0	0	0	Flood Slow moving thunderstorms produced very heavy rainfall which flooded several streets in Lufkin.
Lufkin	19	1835CST			0	0	0	0	Thunderstorm Winds Numerous reports of trees and power lines down across the city.
Cass County 7 N Linden TEXAS, Northeast Cont'd	26	0410CST			0	0	0	0	Thunderstorm Winds Several trees were blown down onto County Road 1339.
Shelby County Shelbyville	29	0100CST			0	0	1	0	Thunderstorm Winds Thunderstorms winds blew down several trees in Shelbyville. High winds also resulted in the back porch being blown off house in the city of Shelbyville.
Panola County 5 NE Carthage	29	0500CST			0	0	0	0	Thunderstorm Winds Several trees were blown down.
TEXAS, Central Southeast									
TXZ511	04	0540CST			0	0	0	0	Thunderstorm Windss (G50) Platform 296 reported winds gusting to 50 knots.
TXZ176>179-226>227-195>200-235>238-210>214	21 29	2050CST- 0322CST			2	200	0	0	Heat Wave Heat Advirories were issued covering all of Southeast Texas for an eight day period. Overnight lows hovered around 80 degrees, while afternoon highs were near 100 each day. The afternoon heat indices ranged from 105-115 degrees. Many record high temperatures and high low temperatures were broken across Southeast Texas. The city of Houston tied or broke four record high temperatures, and tied or broke five record high low temperatures. Approximately 200 people reported signs of heat stress or exhaustion. There were also two deaths reported due to the excessive heat. M02VE, F70MH
Chambers County	29	0134CST- 0140CST			0	0	10K	0	Thunderstorm Winds Power lines, trees, and light poles blown down throughout the county.
Polk County	29	0140CST			0	0	1	0	Thunderstorm Winds Trees blown down on FM 942 just east of U.S. 59.
TXZ511	29	0200CST			0	0	0	0	Thunderstorm Winds (G52) Coast Guard reported 60 mph winds 55 miles south of High Island.
Trinity County	29	0615CST			0	0	1K	0	Hail (0.75) Three-quarters inch hail reported on Highway 94E.
TXZ 200-213>214-235>238	30 31	1400CST- 0700CST			0	0	400K	50K	Tropical Storm Dean Tropical Depression #4 formed on July 28 at 2100Z at 26.5 N 86.5 W in the North Central Gulf of Mexico. At 2200 CDT Saturday night Tropical Storm Warnings were issued for the upper Texas Coast. The warnings were from Intracoastal City, LA to Corpus Cristi, TX. At 1730CDT Sunday the system was upgraded to Tropical Storm Dean. The storm was located about 25 miles southeast of Galveston at 29.0 N 94.5 W. The center of Tropical Storm Dean made landfall near San Luis Pass around 2030 CDT Sunday and moved inland over Brazoria County. The Storm was downgraded to a Tropical Depression at 2200 Sunday. A recorded peak wind of 51 mph occurred at 1815 CDT at Galveston Scholes Field. The lowest pressure recorded was 1003.4 mb also at Galveston Scholes Field. Tides were three to 3.5 feet above normal and ranged from 3.3 feet at Morgans Point to 4.8 feet at Pleasure Pier above bwer low water. Minor storm surge flooding of Highway 87 occurred during the day Sunday. Two confirmed tornadoes occral as Tropical Storm Dean made landfall. The first occurred in Galveston County at High Island around 1830 CDT and a second tornado touched down just southeast of Anahuac near 2200 CDT. Heavy rains fell Sunda afternoon into Monday morning across portions of Chamber and Southern Liberty Counties. Based on unofficial rainfall reports east of Anahuac and the 88-D precipitation estimates...15-8 inches of rain fell in central Chambers into extreme southern Liberty Counties between High Island and Liberty. The greatest amount actually measured was 16.78 just east of Monroe City in Chambers County. No injuries or deaths were reported with Tropical Storm Dean. Evacuation of 20 families was necessary in Chambers County due to rainfall flooding. Total damage as result of Tropical Storm Dean was about \$450 thousand mainly due to rainfall flooding.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Galveston County High Island	30	1730CST	short	narrow	0	0	10K	0	Tornado (F0)
									Tornado briefly touched down with minor damage but no injuries.
Chambers County	30	2130CST-			0	0	300K	0	Flash Flood
	31	0700CST							Continuous rainfall with some areas receiving up to 12 inches. Widespread street flooding reported by sheriff.
5 ESE Anahuac Liberty County	30	2130CST	short	narrow	0	0	10K	0	Tornado (F0)
	30	2230CST-			0	0	20K	0	Flash Flood
	31	0600CST							Widespread street flooding reported throughout the county.
TEXAS, South Central									
Val Verde County 15 S Juno	02	1815CDT			0	0	0	0	Hail (1.75)
Val Verde County Del Rio	03	1910CDT			0	0	5K	0	Thunderstorm Winds (G56)
Edwards County Rocksprings	03	2000CDT			0	0	0	0	Hail (0.75)
TEXAS, South Central Cont'd									
Val Verde County Nr Del Rio	03	2005CDT			0	0	0	0	Hail (0.75)
Bexar County San Antonio	03	2241CDT			0	0	20K	2K	Thunderstorm Winds
									High winds knocked down trees and blew over power poles in downtown San Antonio.
Comal County New Braunfels	04	2310CDT			0	0	8K	0	Thunderstorm Winds
									Winds estimated near 60 mph blew down trees and power lines.
Val Verde County Lake Amistad	07	2140CDT			0	0	5K	0	Thunderstorm Winds (G62)
Orange County Vidor	11	1945CDT			0	0			Thunderstorm Winds
									Damaging winds uprooted trees in Vidor.
Hardin County Silsbee	13	1647CDT			0	0			Hail (0.75)
Orange County Orange	14	1545CDT			0	0			Thunderstorm Winds
									Damaging winds blew trees and power lines down.
Newton County Newton	29	0055CDT			0	0			Thunderstorm Winds
									Damaging winds blew trees and power lines down.
Jasper County Jasper	29	0100CDT			0	0			Thunderstorm Winds
									Damaging winds blew trees and power lines down.
Hardin County Kountze	29	0200CDT			0	0			Thunderstorm Winds
									Damaging winds blew trees and power lines down.
Orange County Vidor	29	0215CDT			0	0			Thunderstorm Winds
									Damaging winds blew trees and power lines down.
Jefferson County Airport	29	0218CDT			0	0			Thunderstorm Winds (G52)
									Wind gust reported at Jefferson County Airport.
Williamson County 2E Georgetown Round Rock	30	2020CDT			0	0	0	0	Funnel
	30	2025CDT			0	0	0	0	Funnel
TEXAS, West									
Reeves County 4 S Pecos	20	2220CST			0	0	30K	0	Thunderstorm Winds
									A thunderstorm within a tropical air mass developed a downburst that destroyed an untied mobile home.
Ector County 6 S Odessa	21	1515CST			0	0	30K	0	Thunderstorm Winds
									Around the time a rain foot was observed from the Midland National Weather Service Office, downburst winds threw a mobile home into the middle of the road, killing a couple of pets inside. The roof was also torn off, which tore out about 600 feet of telephone cable. A nearby convenience store had its wall pushed in by the wind.

UTAH

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Duchesne County									
Duchesne	12	1525MST			0	0	0	0	Thunderstorm Winds (G50)
Uintah County									
Vernal	12	1610MST			0	0	0	0	Thunderstorm Winds (G56)
Uintah County									
Naples	12	1735MST			0	0	0	0	Thunderstorm Winds (G50)
Thunderstorms developed ahead of a cold front and produced microburst in northeast Utah. The Vernal and Naples winds were measured, Duchesne was estimated.									
Utah County									
Provo	18	1708MST			0	0	0	0	Thunderstorm Winds (G64)
This gust was measured by an anemometer approximately 147 feet above ground level.									
Tooele County									
Tooele	21	1753MST			0	0	0	0	Hail (1.25)
Tooele County									
Tooele	21	1757MST			0	1	0	0	Lightning
UTAH Cont'd									
Box Elder County									
Yost	21	1950MST			0	0	0	0	Hail (1.00)
Duchesne County									
Duchesne	21	2009MST			0	0	0	0	Thunderstorm Winds (G61)
A severe thunderstorm dropped hail in Tooele for a short time. The same storm produced a lightning injury involving an 18-year-old female. The lightning bolt knocked her to the ground and stopped her breathing. She was later diagnosed with two broken ear drums. Later in the evening, one inch diameter hail fell in Yost, and outflow winds gusted to 70 mph in Duchesne.									
Summit County									
Coalville	22	1903MST			0	0	0	0	Thunderstorm Winds (G57)
Thunderstorm outflow produced a measured gust at 66 mph.									
Salt Lake County									
Kearns	29	1950MST			0	0	0	0	Thunderstorm Winds (G50)
Davis County									
Centerville	29	2015MST	.2	100	0	0	10K	0	Tornado(F0)
Severe pre-frontal thunderstorms developed along the Wasatch front. In the Kearns area, gusts were measured at 58 mph. In the Centerville area, a gustnado occurred. Witnesses indicated they heard a train sound and saw both trees and dirt moving in circular motions. The overall damage path was about 0.5 miles long and less than 0.1 mile wide. The gustnado moved from south to north, with it apparently skipping into the air, not causing damage along the entire path length. One witness was briefly lifted into the air as the gustnado passed over. One house incurred \$10,000 in damage. They reported severe tree damage, had two skylights lifted from part of the roof, and had an electric junction box removed from the side of the house. Their next door neighbor reported that two-inch diameter willow branches were removed from the tree, transported 100 feet and over a single store building, and were wrapped tightly around the base of another tree. At a third house, a flag pole that had previously withstood 90 mph winds was snapped. The gustnado bent a six-foot chain fence to a 45 degree angle towards the east.									
VERMONT, Southern									
Statewide	06	PM			0	0	0	0	Record Heat
High pressure along the New England Coast resulted in record heat across northern Vermont. The temperature at Burlington reached 94 degrees which tied the previous set in 1993. The temperature at Montpelier reached 89 degrees which broke the previous 88 degrees set in 1976.									
Statewide	13	PM			0	0	0	0	Record Heat
High pressure along the east coast of the United States resulted in record heat across northern Vermont. Burlington reached 96 degrees breaking the previous record high. Montpelier reached 90 degrees breaking the previous record of 88 degrees set in 1987.									
Statewide	14	PM			0	0	0	0	Record Heat
High pressure along the east coast of the United States resulted in record heat across northern Vermont. Burlington reached 100 degrees which broke the previous record of 93 degrees set in 1952. St. Johnsbury reached 98 degrees which broke the previous record of 91 degrees set in 1983.									
Rutland County									
Danby	15	0550EST			0	0	50K	0	Thunderstorm Winds
Pittsford	15	0550EST			0	0	50K	0	Thunderstorm Winds
Mt. Holly	15	0555EST			0	0	50K	0	Thunderstorm Winds
Windsor County									
Windsor	15	0615EST			0	0	20K	0	Thunderstorm Winds
Proctorsville	15	0625EST			0	0	20K	0	Thunderstorm Winds
Woodstock	15	0625EST			0	0	20K	0	Thunderstorm Winds
Andover	15	0630EST			0	0	20K	0	Thunderstorm Winds
Chester	15	0630EST			0	0	20K	0	Thunderstorm Winds
Cavendish	15	0630EST			0	0	20K	0	Thunderstorm Winds
Ludlow	15	0630EST			0	0	20K	0	Thunderstorm Winds
Springfield	15	0630EST			0	0	1K	0	Thunderstorm Winds
Bennington County									
Manchester	15	0630EST			0	0	100K	0	Thunderstorm Winds
Windham County									
Brattleboro	15	0725EST			0	0	25K	0	Thunderstorm Winds
Guilford	15	0725EST			0	0	10K	0	Thunderstorm Winds
Wardsboro	15	0725EST			0	0	10K	0	Thunderstorm Winds
Jamaica	15	0725EST			0	0	10K	0	Thunderstorm Winds
Bondville	15	0725EST			0	0	10K	0	Thunderstorm Winds
Stratton	15	0725EST			0	0	10K	0	Thunderstorm Winds
East Dover	15	0725EST			0	0	10K	0	Thunderstorm Winds
A widespread severe weather outbreak hit Vermont during the morning hours of July 15th. A long lived squall line, known as									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
a Derecho, crossed Vermont during the morning hour. Southern Vermont was hardest hit especially across Windham, Windsor, Rutland and Bennington Counties.									
Addison County									
Ripton	26	0815EST			0	0	1K	0	Thunderstorm Winds
Hancock	26	0940EST			0	0	1K	0	Thunderstorm Winds
Rutland County									
Pittsfield	26	0935EST			0	0	1K	0	Thunderstorm Winds
Windssor County									
Stockbridge	26	0945EST			0	0	5K	0	Thunderstorm Winds
VERMONT, Southern Cont'd									
Barnarowd	26	1000EST			0	0	1K	0	Thunderstorm Winds
Orange County									
Thetford	26	1030EST			0	0	5K	0	Thunderstorm Winds
Bennington County									
Bennington	26	1305EST			0	0	0	0	Hail (0.75)
Bennington County	26	1500EST-							
	26	1600EST			0	0	5K	0	Flash Flood
A cold front moved across Vermont during the evening of July 26th. Severe thunderstorms formed ahead of the cold front and moved across Vermont during the morning to early afternoon hours. Trees and powerlines were downed across parts of the state. In addition torrential rains produced flash flooding across parts of Bennington County as some creeks overflowed.									
Statewide		monthlong			0	0	0	?	Drought
A lack of rainfall across the state during the month of July resulted in a drought which resulted in crop loss and water restrictions in some areas. Vine crops were either killed or production severely limited. Other crops which were adversely affected included hay and corn.									
VIRGINIA, Northern									
Augusta County									
Staunton	01	1330EST			0	0	35K	0	Thunderstorm Winds
A tree fell in Staunton crushing a minivan and penetrating into the living room of a house. Damage was estimated at \$35,000.									
Loudoun County									
Sterling	01	1334EST			0	0	20K	0	Lightning
Lightning damaged an apartment roof in the Cascades subdivision of Sterling.									
Greene County	06	1230EST-			0	0	2K	0	Thunderstorm Winds
		1235EST							
Madison County	06	1240EST-			0	0	2K	0	Thunderstorm Winds
		1245EST							
Nelson County	06	1225EST-			0	0	2K	0	Thunderstorm Winds
		1230EST							
Thunderstorm winds blew down trees in all three counties.									
Augusta County									
Dooms	06	1345EST			0	0	1K	0	Thunderstorm Winds
Trees down on U.S. 340 in the Dooms area.									
Albemarle County	06	1315EST-			0	0	3K	0	Thunderstorm Winds
		1330EST							
Trees were reported down over the west and southwest portions of the county.									
Page County	06	1345EST-			0	0	210K	0	Thunderstorm Winds
		1400EST							
Widespread tree damage in the central and northern portions of the county. A metal shed was crushed and blown into the road. A barn north of Luray was destroyed by winds killing two cattle and heavily damaging farm vehicles and equipment. Property damage at the farm was estimated to be around \$200 thousand.									
Culpeper County	06	1352EST			0	0	3K	0	Thunderstorm Winds
Thunderstorm winds knocked down trees in the western part of the county.									
Frederick County	06	1400EST			0	0	100K	0	Thunderstorm Winds (G52)
Many trees were reported uprooted around Winchester and the surrounding area. Some roads were blocked, and some trees fell on houses. One tree caused roof and structural damage to an apartment building. Limbs broke out windows. Wrought-iron fencing was damaged. A tree fell on a car. Power was out in many areas affecting several thousand customers. Some in the Apple Pie Ridge area were without power overnight. Winchester airport clocked a gust of 60 mph.									
Shenandoah County	06	1401EST			0	0	2K	0	Thunderstorm Winds
Thunderstorm winds knocked down trees.									
Fauquier County									
S portion	06	1404EST			0	0	0	?	Thunderstorm Winds
Clarke County									
Boyce/Millwood	06	1420EST-			0	0	15K	0	Thunderstorm Winds
		1430EST							
Trees were reported blown down by thunderstorm winds. Power was out over portions of the county. Some tents were blown over at Watermelon Park on the Shenandoah River. The Boyce area remained without power into the next day. The Millwood area, immediately southeast of Boyce, was also hit hard.									
Albemarle County	06	1423EST			0	0	0	0	Flash Flood
County sheriff reported water covering local Route 620 near Woodbridge Market Place.									
Warren County	06	1425EST			0	0	0	0	Thunderstorm Winds
A thunderstorm knocked down trees in the Shenandoah Farms subdivision in the northern part of the county.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Fauquier County The Plains	06	1428EST			0	0	2K	0	Thunderstorm Winds Thunderstorm winds blew down some trees in the southern portion of Fauquier County. About a half-hour later, the northern portion of the line blew more trees down near The Plains.
VIRGINIA, Northern Cont'd									
Loudoun County	06	1440EST			0	0	2K	0	Thunderstorm Winds Some trees were damaged along route 50 near Middleburg.
Fairfax County Reston	06	1512EST			0	0	0	0	Thunderstorm Winds Thunderstorm winds blew over some small trees in Reston.
Loudoun County Waterford	07	1546EST			0	0	250K	0	Lightning A large barn at Hedgeland Farm on Route 662 was struck by lightning and burned to the ground. Up to 12,000 bales of hay were also destroyed, with damage estimated to be a quarter of a million dollars.
Fairfax County Chantilly	07	1630EST			0	0	12K	0	Lightning Lightning hit a house in Chantilly destroying the chimney and breaking the skylights. It also damaged the televisions, radios, VCR and computer. Damage was estimated at over \$10,000.
Fairfax County Herndon	07	1640EST			0	0	0	0	Hail (0.75) Penny-size hail was reported. About 2,000 customers were without power.
Fairfax County McLean	07	1710EST			0	0	5K	0	Thunderstorm Winds Utility company reported trees down on power lines near Interstate 495 and Lewinsville Road.
Greene County	10	1845EST- 1846EST			0	0	5K 1K	? 0	Hail (2.00) Thunderstorm Winds Greene County Sheriff's reported that hail cracked the windows of a mobile home in the Cedar Grove Mobile Home Park south of Ruckersville. A tree was reported across a road at Swift Run Church on Route 633.
Albemarle County	10	1900EST- 1915EST			0	0	5K	0	Thunderstorm Winds
Albemarle County N portion	10	1930EST- 1945EST			0	0	5K	0	Thunderstorm Winds
Albemarle County Charlottesville	10	1925EST- 1945EST			0	0	60K	0	Lightning Lightning struck a house in Charlottesville. A barn was also set ablaze when struck by lightning just before 2100. The barn was heavily damaged, but most of the contents were salvaged. There were several reports of trees blown down by thunderstorm winds throughout the county apparently from two individual storm cells.
Culpeper County	10	2020EST- 2030EST			0	0	2K	0	Thunderstorm Winds Some trees were blown down. One was along Route 522 and Beales Drive.
Fauquier County Remington	10	2030EST			0	0	10K	0	Thunderstorm Winds Virginia Department of Transportation reported trees blew down in Remington from thunderstorm winds. One tree was blocking Route 651. Another uprooted busting up a sidewalk.
Clarke County Berryville	10	2149EST 2215EST 2218EST			0 0 0	0 0 0	? 2K 5K	0 ? 0	Lightning Hail (1.75) Thunderstorm Wind A severe thunderstorm moved through Berryville dropping quarter golf ball-size hail. Damaging winds from the storm knocked out power. Lightning started a fire as well. Heavy rains from the storm also caused some street flooding with up to a half a foot of water reported on roadways. A hundred campers were stranded in Watermelon Park along the Shenandoah River about five miles south of Route 7.
Loudoun County N Central Portion	10	2145EST- 2155EST- 2210EST- 2220EST- 2145EST- 2215EST- 2245EST			0 0 0 0 0 0	0 0 0 0 0 0	5K 25K 25K 0	0 ? 0 0	Thunderstorm Winds Thunderstorm Winds Hail (1.75) Lightning Flash Flood A merging severe thunderstorm, accompanied by an impressive lightning display, initially knocked down trees in the Hillsboro area. As the storm developed, a second microburst moved through the Hamilton area, knocking down numerous trees causing the closure of business Route 7. The second bout of severe weather also dumped two inches of rain in 20 minutes, and golf ball-size hail, on Bluemont. Farther north, in Lovettsville, three-quarter inch size hail was reported. Many roads were temporarily flooded. The combination of lightning and winds caused widespread power outages, with a total of 14,500 customers without power during the peak of the storm. Some areas in the county were without power for 12 hours. Five homes were struck by lightning resulting in minor damage.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, Northern Con't									
Shenandoah County New Market	10	2225EST-2235EST			0	0	0	?	Hail (1.00)
A severe thunderstorm dropped nickel to quarter-size hail over New Market.									
Fairfax County Reston	10	2320EST-2320EST			0	0	5K	0	Thunderstorm Winds Hail (0.75)
Thunderstorm winds knocked out power in Reston; dime-size hail was reported.									
Arlington County	10	2340EST			0	0	75K	0	Lightning
Lightning started a house fire on Cameron Street in Arlington. Lightning struck a tree which fell and damaged the roof of nearby house and broke the windshield of a car. Power was also knocked out in some areas.									
VAZ025>031-036>042-050>057	14-16	1200EST-0200EST			2	100+	0	0	Excessive Heat
A 38-hour period of extremely hot and humid weather in mid-July took its toll on humans and animals alike. The heat was caused by strengthening of the Bermuda high, extending from the surface to the upper levels of the atmosphere. The most life-threatening period of the heat wave occurred during the afternoon of the 15th, when temperatures ranged from 98 to 103 but heat indices were between 115 and 129. For the entire period, heat indices were at or above 90 at most locations. On the evening of the 15th, indices exceeded 100 until around 0200, when outflow from a strong thunderstorm cooled and dried the surface, dropping temperatures and heat indices to the low to mid 70s. On the 15th, an all-time record for power usage was established in northern Virginia, with 13,512 megawatts recorded (mostly from air conditioning usage). Five thousand customers were without power in the same general area. Two persons perished directly from the heat. In King George (VAZ057), an elderly man perished while in his home in Alexandria (Fairfax County), a National Park Service bicycle patrol ranger collapsed near Daingerfield Island, then later died from complications resulting from hyperthermia. There were also several instances of heat exhaustion during the month concentrated during the middle two weeks. In Woodstock (Shenandoah County), six people were treated for heat exhaustion; Alexandria hospitals reported about 80 persons requiring treatment between the 14th and 23rd. (MPH72, MOU37). The heat wave returned twice in late July, from the 21st through the 25th and again from the 29th through the 31st. However, temperatures were not as oppressive, ranging from 90 to 97 degrees. Daytime heat indices ranged from 105 to 115, but fell below 90 each night. No deaths or injuries were directly attributed to either episode.									
VAZ001>002-005>007	Month-long				?	?	0	?	Excessive heat/drought
Hot, dry weather began early in the month over the Mountain Empire, and continued unabated well into August. Some of the tobacco crop, especially the burley variety, withered under the dry weather. In general, less than one inch of rain fell in a month where average rainfall of three to four inches is common. The Tri-Cities Airport (located in Bristol, TN) recorded over 5 maximum temperatures above 90 degrees.									
Augusta County	17	1347EST-1400EST-1350EST			0	0	80K	0	Lightning Thunderstorm Winds
Thunderstorm winds downed trees and power lines, flattened hay fields and other crops. In Staunton, lightning blew a hole in the roof of an apartment building. It hit a turret, went through the shingles and charred the attic. The electrical surge damaged appliances in the building. Lightning struck the Farm Credit Building on local Route 792 (east of Staunton) causing minor damage. It knocked off boards and punctured the air conditioner. Trees were blocking routes 693 and 252. Winds caused an aluminum roof and 45 by 60-foot wall of a storage shed to collapse. The storm also caused extensive damage to five sections of an empty greenhouse and damaged a resident's satellite dish. Hail, of unknown size, also occurred with the storm.									
Augusta County	17	1730EST			0	0	5K	0	Lightning
A Middlebrook house received \$5000 in damage when lightning struck the eaves. A small fire smoldered on the roof but was caught in time.									
Warren County	17	1745EST-1800EST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds knocked down trees and power lines. Power was out for two and one-half hours in portions of the county.									
Albemarle County	17	2000EST			0	1	100K	0	Lightning
A 15-year-old boy was injured by lightning while touching an outdoor light switch at the Fairview Swim & Tennis Club just outside of Charlottesville. Several buildings in Charlottesville had fires started by lightning strikes.									
Orange County Gordonsville	21	1440EST-1442EST	0.5	50	0	0	80K	0	Tornado (F1)
Tornado knocked down a path of trees thru Gordonsville. Route 33 east and Main Street were closed until trees could be cleared. Route 15 near Inwood was also closed for a while. Two cars were reported crushed. One horse was reported killed. Power lines and some street signs were torn down. Power was out to three-quarters of the town for four and a half hours. Minor damage occurred to a few houses. Several people reported seeing a funnel cloud.									
Stafford County	21	1445EST-1500EST			0	0	5K	0	Thunderstorm Winds
Thunderstorm winds blew trees onto power lines. Power was out in several places throughout the county. Small hail was also reported. Over an inch and a half of rain fell in 20 minutes.									
VIRGINIA, Northern Cont'd									
King George	21	1600EST			0	0	20K	0	Thunderstorm Winds
Thunderstorm winds knocked down several trees down. Storm was described as being one of the worst of the season in the "Journal King George".									
Rockingham County	25	1610EST			0	0	5K	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Thunderstorm winds blew down trees in the McGaleysville area.									
Rockingham County	27	1540EST- 1627EST			0	0	10K	0	Flash Flooding
									Sheriff reported roads closed at Mount Clinton in the northwest portion of the county. Water was flowing across local route 910. State Route 33 was also reported flooded about a mile west of Harrisonburg.
Wise County Flatwood/Coeburn	31	2120EST			0	0	2K	0	Thunderstorm Winds
									Trees were knocked down by thunderstorm winds in the Flatwood/Coeburn area.
VIRGINIA, Eastern									
Richmond County	01	1645EST- 1830EST			0	0	0	0	Flash Flood
									Thunderstorms produced very heavy rainfall, in excess of two inches per hour, which resulted in significant ponding of water on roads and the temporary closure of portions of SR 619 and 690.
Sussex County Sussex/Waverly	04	1630EST- 1645EST			0	0	0	0	Thunderstorm Winds
									Two trees down near Sussex High School (near Sussex). One tree down in Waverly.
Sussex County	04	1650EST- 1715EST			0	0	0	0	Flash Flood
									An estimated two to four inches of rain caused high water at several locations in the county. High water was reported in a subdivision in Waverly, at a major intersection in the Homeville area and portions of Robinson Road were washed out by high water.
Southampton County WRN Portion	04	1630EST			0	0	0	0	Thunderstorm Winds
									Several trees down, some across roads.
Westmoreland County Montross	04	1700EST			0	1	0	0	Lightning
									Man sustained minor injuries after being struck by lightning.
Southampton County Capron	04	1725EST			0	0	0	0	Thunderstorm Winds
									Numerous trees down. Some trees temporarily blocking roads.
Southampton County Boykins/Newsoms	04	1820EST- 1845EST			0	0	0	0	Thunderstorm Winds
									Numerous trees down.
Southampton County Capron, Boykins, Branchville	04	1730EST- 2030EST			0	0	0	0	Flash Flood
									Torrential rainfall of five to seven inches caused significant flooding in many sections of the county, including Capron, Boykins and Branchville. Numerous mostly secondary roads were closed, some for as long as 24 hours due to the high water. No major property damage reported.
Mecklenburg County South Hill	04	1800EST- 1845EST			0	0	0	0	Heavy Rain
									Two and a half inches of rain reported in 45 minutes.
Powhatan County ERN Portion	06	1625EST			0	0	0	0	Thunderstorm Winds
									Thunderstorm winds downed a tree on SR 604 near the Chesterfield county line in eastern Powhatan County.
Fluvanna County ERN Portion	06	1500EST			0	0	0	0	Thunderstorm Winds
									Trees down on SR 630. Power outages reported in SE Fluvanna county on SR 656.
Chesterfield County Chesterfield	06	1700EST			0	0	0	0	Thunderstorm Winds
									Trees down near courthouse.
Mecklenburg County Chase City	06	1650EST-							
VIRGINIA, Eastern Cont'd									
	06	1730EST			0	0	0	0	Thunderstorm Winds
									Trees, large limbs down. Power line down.
Hampton Newport News	06	1915EST			0	0	0	0	Heavy Rain
									Heavy rain temporarily flooded an underpass near Hilton Village.
Fluvanna County Extrm WRN Portion	10	1950EST			0	0	0	0	Thunderstorm Winds
									Large trees down on SR 616. Power outages resulted.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Fluvanna County Near Wildwood	10	2015EST			0	0	0	0	Thunderstorm Winds Hail (.75) Large trees down. One-half to three-quarters inch hail near intersection of Rte 15 and SR 644 in northern Fluvanna County.
Fluvanna County 2 N Palmyra	10	2040EST			0	0	0	0	Hail (1.00) Lightning One inch hail on Highway 15 north of Palmyra. Lightning struck a transformer which resulted in a power outage along SR 663.
Cumberland County Near Cartersville	10	2120EST			0	0	0	0	Thunderstorm Winds Hail (.88) Mobile home roof blown off. Numerous large trees down. Dime to nickel-size hail fell for 10-15 minutes.
Goochland County 1 E Columbia	10	2130EST			0	0	0	0	Hail (1.00) Quarter-size hail reported.
Goochland County Near Elk Hall	10	2130EST			0	0	0	0	Thunderstorm Winds Two trees down on Elk Hall Road.
Powhatan County Powhatan County 4 ESE Cartersville	10	2200EST			0	0	0	0	Thunderstorm Winds
	10	2130EST- 0200EST			0	0	0	0	Heavy Rain Scores of large trees downed by high winds along a several mile path. Several inches of water across many low-lying roads in county. Other trees down, roof blown off house near the intersection of Highway 60 and SR 629 in SW Powhatan County.
Powhatan County 5 N Powhatan	10	2240EST			0	0	0	0	Hail (1.75) Golf ball-size hail reported.
Cumberland County NRN Portion	10 11	2315EST- 0330EST			0	0	0	0	Flash Flood Heavy rains caused flooding which resulted in the closure of SR 654 and a bridge on SR 626. Numerous streets and drainage ditches were flooded in the town of Cumberland.
Powhatan County	10	2330EST			0	0	0	0	Thunderstorm Winds Trees down several areas of county. A Sheriff's Department vehicle was blown off road by high winds.
Powhatan County Powhatan	11	0015EST			0	0	0	0	Lightning Minor damage to a home from lightning ignited fire.
Prince Edward County Farmville	11 11	0100EST- 0300EST			0	0	0	0	Flash Flood Up to three inches of rain in a short period of time caused streets and several businesses to flood in Farmville. As much as two to three feet of water accumulated on a couple of streets.
Prince Edward County Hampden-Sydney	11	0130EST			0	0	0	0	Hail (1.00) Dime to quarter-size hail reported.
Cumberland County Cumberland	11	0145EST			0	0	0	0	Thunderstorm Winds Several trees down in the town of Cumberland.
Amelia County Mannboro Jetersville	11	0200EST			0	0	0	0	Thunderstorm Winds Several Large trees down. Tree down on both East Saylor's Creek Road and Route 360 in the Jetersville area.
VIRGINIA, Eastern Cont'd									
Amelia County	11	0200EST			0	0	0	0	Lightning Heavy Rain Power lines struck by lightning. Tool/yard shed set ablaze. Twostory garage completely destroyed by lightning ignited fire. Three dirt roads washed out by heavy rain.
Dinwiddie County	11	0230EST			0	0	0	0	Thunderstorm Winds Several large tree blocking Wallace Road.
Brunswick County	11	0312EST			0	0	0	0	Thunderstorm Winds Several trees down blocking Route 1.
Greensville County 5 SW Jarratt	11	0338EST			0	0	0	0	Hail (.75) Farmer reported penny-size hail which damaged his tobacco crop.
Suffolk County	11	0400EST			0	0	0	0	Lightning

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		
YMCA Day Care building sustained minor damage when lightning struck and set it ablaze.										
VAZ99>100 Accomack County Northampton County	14- 16					?	?	?	.6M	Heat Wave
Intense heat was responsible for the loss of 3.7 million chickens being raised on the Delmarva Peninsula. Approximately 40 percent of the loss was split between Maryland and Delaware, with the remainder occurring in the Virginia portion of the Delmarva.										
Amelia County Mannboro	16	1800EST			0	1	0	0		Lightning
Man was injured when struck by lightning near his home. Several electrical transformers in the area were blown out by the storm.										
Mecklenburg County Near Buffalo Junction	16	1730EST			0	0	0	0		Thunderstorm Winds
Several trees and many large limbs down, mostly along SR 726 and Highway 49.										
Virginia Beach County Norfolk	16 16	1511EST- 1540EST			0 0	0 0	0 0	0 0		Thunderstorm Winds Heavy Rain
Several trees blown down by small but intense thunderstorm. Heavy rain temporarily clogged a number of city storm drain which caused minor flooding of low lying areas.										
Virginia Beach County Norfolk	16	1516EST			0	0	0	0		Lightning
House struck and set a blaze by lightning.										
York County Williamsburg	17	0100EST			0	0	\$25K	0		Lightning
Minor to moderate damage caused to a home in the Coves subdivision which was struck by lightning and set ablaze.										
Westmoreland County NRN portion	17	2025EST			0	0	0	0		Thunderstorm Winds
Large tree uprooted, numerous large limbs down at Westmoreland State Park.										
Louisa County NW portion	21	1600EST			0	0	0	0		Thunderstorm Winds
Tree and two power poles downed by high winds in NW Louisa County.										
Westmoreland County Montross	21	1600EST			0	0	0	0		Hail (.88)
Nickel-size hail reported at Sheriff's Office.										
Westmoreland County Colonial Beach	21	1615EST			0	1	0	0		Lightning
Camper struck by lightning after taking shelter under a tree. Second degree burns over 20 percent of his body.										
Caroline County Bowling Green/ Port Royal	21	1610EST			0	0	0	0		Thunderstorm Winds
Numerous trees down along SR 676 and 606, as well as near Port Royal.										
Hanover County 2 W Doswell	21	1640EST			0	0	0	0		Thunderstorm Winds
Two trees down on SR 684.										
Westmoreland County Montross	21 21	1600EST- 1800EST			0 0	0 0	0 0	0 0		Heavy Rain
Heavy rain caused minor flooding of poor drainage areas. Water reported over Route 3.										
VIRGINIA, Eastern Cont'd										
Essex County Several locations	21	1720EST			0	0	0	0		Thunderstorm Winds
Numerous large limbs and branches blown down. Construction ladders blown down in Champlain.										
Northumberland County Hull Neck	21	1722EST			0	0	0	0		Thunderstorm Winds
Trees down.										
Northumberland County Greenfield	21	1745EST			0	0	0	0		Thunderstorm Winds
Trees down along SR 769.										
Accomack County Jenkins Bridge	21	1815EST			0	0	0	0		Thunderstorm Winds
Trees down.										
Accomack County Cashville	21	1825EST			0	0	0	0		Thunderstorm Winds
Trees down.										
Mecklenburg County Near Boydton	21	1830EST			0	0	0	0		Thunderstorm Winds
Trees down on road.										

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Essex County SRN portion	24	1730EST			0	0	0	0	Thunderstorm Winds Trees down on SR609, 611 and 612.
Essex County SRN portion	24	1700EST- 24 1930EST			0	0	0	0	Flash Flood Rains of up to six inches in one and one-half hours time caused flooding of numerous county secondary roads and a portion of United States route 17 near Center Cross, resulting in the closure of the southbound lane. Marina bulkhead damaged by high water.
King & Queen County 5 NE West Point	24	1820EST			0	0	0	0	Lightning Shed/outbuildings set on fire by lightning.
Hanover County CNTRL portion	27	2000EST			0	0	\$50K	0	Lightning A lightning related fire caused heavy damage to a two-story house.
Henrico County Richmond	27	2020EST			0	0	\$135K	0	Lightning Lightning set fire to two homes, causing approx \$65K damage to one and \$70K damage to another.
King William County Mangohick	27	1935EST			0	0	0	0	Thunderstorm Winds Numerous large limbs and a few trees down.
King William County Mangohick/Manquin	27- 28	1930EST- 0030EST			0	0	0	0	Flash Flood Rainfall amounts in excess of six inches caused considerable flooding of drainage ditches and numerous roads across much of the western half of King William County. SR 604/614 and Route 30 were among the roads with the most significant flooding. Homes and some businesses flooded.
Powhatan County Powhatan	27	2200EST			0	1	0	0	Lightning Woman received minor injuries when lightning struck her near the front door of her house.
Amelia County Near Paineville	27	2300EST			0	0	\$35K	0	Lightning A lightning induced fire heavily damaged a home.
Northampton County 2 WNW Eastville	28	1900EST			1	0	0	0	Lightning 15-year-old girl died after being struck by lightning while walking Smith Beach. (F150U)
Central and Eastern Virginia VAZ48>49-60>100	11- 31				0	0	0	0	Heat Wave An intense heat wave gripped central and eastern Virginia for much of the month. Temperatures exceeded 90 degrees during the last 20 days of the month at Norfolk, and the last 21 days of the month at Richmond. This shattered the previous record of 15 consecutive days at Norfolk and 19 consecutive days at Richmond. Record high readings above the 100 degree mark on July 15 were accompanied by oppressive humidity which created heat index readings between 115 and 125 degrees across much of central and eastern Virginia. Unhealthful levels of ozone on the 15th and 16th made matters worse. Heat indices
VIRGINIA, Eastern Cont'd									
above 100 degrees were commonplace during the latter half of the month as high humidity accompanied the hot temperatures. Remarkably, no heat related deaths were reported in central or eastern Virginia during the month, although numerous individuals were treated for heat related illnesses. Virginia Power set electric power generation records on July 15, 17 and 24, each record exceeding the previous power output record.									
VIRGINIA, Central									
Charlotte, Bedford, Halifax, Campbell and Pittsylvania 10 SW to 6 SW Leesville 2 S Leesville to 6 SSW Red Oak Halifax Counties 5 SW Danville to 2 S DAN 11 SW Turbeville to 9 ESE South Boston	01	0000EST-			0	0	?	?	Flood
	02	0630EST			?	?	?	?	
	01- 02	0000EST- 1900EST			0	0	?	?	Flood
									Heavy rain at the end of June resulted in river flooding which continued into early July. Flooding on portions of the Roanoke and Dan Rivers continued to July 2nd. The Roanoke River at Randolph crested about 6.5 feet above flood stage at 0700EST on the 1st.
Buckingham County Buckingham	01	1755EST- 1930EST			0	0	2K	?	Flash Flood Heavy rainfall during the evening hours on the 1st resulted in flash flooding. Flash flooding from heavy rain closed a few roads

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
and stalled some vehicles in high water in Buckingham.									
Grayson County 1.5 NW Fries	05	1545EST			0	0	20K	?	Lightning
Grayson County Nr Fries	05	1548EST			0	0	?	?	Thunderstorm Winds
Thunderstorms during the afternoon hours on the 5th produced damaging lightning and wind. Thunderstorm winds downed trees near Fries. A lightning strike one and one-half miles northwest of Fries started a fire which destroyed a barn and \$10,000 worth of lumber inside.									
Roanoke County 2 SSE Roanoke	06	1130EST			0	0	?	?	Hail (0.88)
Botetourt County Fincastle	06	1145EST			0	0	?	?	Thunderstorm Winds
Botetourt County 2 N Troutville	06	1148EST			0	0	?	?	Thunderstorm Winds
Pulaski County Pulaski	06	1255EST			0	0	?	?	Hail (0.75)
Pulaski County 5 N Pulaski	06	1257EST			0	0	?	?	Hail (0.88)
Pulaski County Pulaski	06	1300EST			0	0	5K	?	Thunderstorm Winds
Pulaski County Pulaski	06	1303EST			0	0	5K	?	Hail (0.88)
Bedford County 2.5 W Thaxton	06	1305EST			0	0	?	?	Thunderstorm Winds
Pulaski County Pulaski	06	1320EST			0	0	?	?	Flash Flood
Roanoke County 1 W Salem	06	1323EST			0	0	?	?	Hail (0.75)
Pittsylvania County Hurt	06	1335EST			0	0	?	?	Thunderstorm Winds
Halifax County Halifax	06	1405EST			0	0	?	?	Hail (0.75)
Campbell County Brookneal	06	1423EST			0	0	?	?	Thunderstorm Winds
Wythe County Speedwell	06	1430EST			0	0	?	?	Hail (1.00)
Halifax County 13 WSW Halifax	06	1435EST			0	0	?	?	Thunderstorm Winds
Campbell County Evington	06	1455EST			0	0	?	?	Thunderstorm Winds
Campbell County Naruna	06	1455EST			0	0	?	?	Thunderstorm Winds
Appomattox County 5 NNE Pamplin									
VIRGINIA, Central Cont'd									
to Pamplin	06	1515EST- 1630EST			0	0	?	?	Flash Flood
Pittsylvania County 3 N DAN	06	1530EST			0	0	?	?	Thunderstorm Winds
Campbell County Gladys	06	1535EST			0	0	?	?	Thunderstorm Winds
Halifax County 1 N Halifax	06	1535EST			0	0	?	?	Thunderstorm Winds
Halifax County Chatham	06	1540EST			0	0	?	?	Thunderstorm Winds
Halifax County 7 SW South Boston	06	1545EST			0	0	?	?	Hail (0.75)
Halifax County 2 N South Boston	06	1545EST			0	0	?	?	Thunderstorm Winds
Campbell County Concord	06	1550EST			0	0	?	?	Thunderstorm Winds
Campbell County 13 WSW Rustburg	06	1550EST			0	0	5K	?	Lightning
Charlotte County Saxe	06	1555EST			0	0	?	?	Thunderstorm Winds
Henry County 3.5 ENE Ridgeway	06	1605EST			0	0	?	?	Thunderstorm Winds
Charlotte County 5 NE Saxe	06	1610EST			0	0	?	?	Thunderstorm Winds
Pittsylvania County 3 ESE Axton	06	1615EST			0	0	?	?	Thunderstorm Winds

Thunderstorms in southwest and south-central Virginia during the afternoon hours on the 6th produced hail up to quarter-size, damaging lightning and winds and flash flooding. Thunderstorm winds downed trees two miles north of Troutville, two and one-half miles west of Thaxton, 13 miles west-southwest of Halifax, one mile north of Halifax, two miles north of South Boston, three miles east-southeast of Axton, five miles northeast of Saxe, in Naruna, Fincastle, Evington, Brookneal, Gladys, Chatham, Concord and Saxe, downed trees and power lines three and one-half miles east-northeast of Ridgeway and in Hurt and broke off tree limbs and damaged the roof of a business in Pulaski. Hail up to nickel-size and strong wind gusts broke out or cracked a few windows in buildings and vehicles in Pulaski. Heavy rain flooded several streets in Pulaski and flooded several roads and closed a bridge from five miles north-northeast of Pamplin to Pamplin. Lightning killed six cows and six calves 13 miles west-southwest of Rustburg.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Roanoke County Salem	06	1930EST			0	0	?	?	Hail (1.75)
Roanoke County Salem	06	1930EST			0	0	?	?	Thunderstorm Winds
Roanoke County 4 SE Roanoke	06	1938EST			0	0	?	?	Thunderstorm Winds An isolated thunderstorm in Roanoke County on the 6th produced hail up to golf ball-size and damaging winds. Thunderstorm winds downed a tree four miles southeast of Roanoke and downed trees in Salem.
Buckingham County Arvonnia	10	2300EST			0	0	?	?	Thunderstorm Winds
Buckingham County Arvonnia	10	2300EST-			0	0	?	?	Flash Flood
Appomattox County Appomattox	11	0037EST			0	0	?	?	Hail (0.88) Thunderstorms in central Virginia during the late evening hours on the 10th and early morning hours on the 11th produced hail up to nickel-size, damaging winds and flash flooding. Thunderstorm winds downed a large tree in Arvonnia. Heavy rainfall resulted in four feet of water over Route 15 in Arvonnia.
Halifax County Turbeville	16	1615EST			0	0	?	?	Thunderstorm Winds
Halifax County 1 W Riverdale	16	1710EST			0	0	.35K	?	Lightning
Halifax County 2.5 W South Boston	16	1715EST			0	0	?	?	Thunderstorm Winds
Halifax County 1 W Riverdale	16	1715EST			0	0	?	?	Thunderstorm Winds Thunderstorms in Halifax County during the evening hours on the 16th produced damaging lightning and winds. Thunderstorm winds knocked a large tree across a road in Turbeville and downed trees on route 659, two and one-half miles west of South Boston and on route 58, one mile west of Riverdale. Lightning destroyed a transformer one mile west of Riverdale.
Carroll County Cana	17	1830EST			0	0	?	?	Thunderstorm Winds
Montgomery County 1.5 SSE Blacksburg	17	1840EST-			0	0	?	?	Flash Flood
Botetourt County 6 SW Buchanan	17	1905EST			0	0	?	?	Thunderstorm Winds
VIRGINIA, Central Cont'd									
Campbell County Gladys	17	2030EST			0	0	10K	?	Lightning
Campbell County Nr South Boston	17	2330EST			0	0	3K	?	Lightning Thunderstorms during the evening hours on the 17th produced damaging lightning and winds and flash flooding. Thunderstorm winds knocked trees onto power lines six miles southwest of Buchanan and knocked trees onto roads in Cana. Heavy rainfall resulted in the flooding of Route 603, one and one-half miles south-southeast of Blacksburg. A lightning strike destroyed a garage in Gladys. Lightning struck a tree which fell on and damaged a garage near South Boston.
Bedford County Bedford	21	1430EST			0	0	?	?	Thunderstorm Winds An isolated severe thunderstorm during the afternoon hours on the 21st produced damaging winds which knocked trees onto power lines in Bedford.
Franklin County Penhook	25	1300EST			0	0	.30K	?	Thunderstorm Winds An isolated severe thunderstorm during the early afternoon hours on the 25th produced damaging winds which downed trees and damaged antennas in Penhook.
Pulaski County Dublin	25	1920EST			0	0	2.5K	?	Thunderstorm Winds
Giles County Newport	25	1945EST			0	0	?	?	Flash Flood
Pulaski County Belspring	25	1958EST			0	0	5K	?	Thunderstorm Winds
Grayson County 2 WSW Bridle Creek	25	2000EST			0	0	?	?	Thunderstorm Winds Thunderstorms in southwest Virginia during the evening hours on the 25th produced damaging winds and flash flooding. Thunderstorm winds downed trees in Belspring and two miles west-southwest of Bridle Creek. Some of the trees fell on vehicles in Belspring. Thunderstorm winds destroyed a vacant mobile home in Dublin. Heavy rain from thunderstorms resulted in a mud slide onto Route 460 in Newport.
Pittsylvania County Danville	28	1515EST			0	1	?	?	Lightning A thunderstorm in south-central Virginia on the 28th produced lightning which slightly injured a woman who was near a window in her Danville house.
Campbell County 1 E Lynchburg	29	1752EST	?		?	0	0	?	Hail (0.75) An isolated severe thunderstorm during the evening hours on the 29th produced hail up to dime size.

VIRGINIA, Northwestern

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
VA003-004	13 16				0	0	0	0	Heat Wave
									Temperatures peaked in the 90s along the valleys with dew points in the 70s.
VAZ003 Dickenson County	01 31				0	0	0	?	Drought
									The monthly rainfall of 2.04 inches in Clintwood was the driest July since records began in that city in 1964. Drought conditions developed by the latter part of the month.
WASHINGTON									
Garfield County	06	1500PST			0	0	0	140K	Thunderstorm Winds (G56)
									Flood and wind damage to crops. Almost one half of the counties farmland was affected.
Benton County	05	1900			0	0	?	?	Thunderstorm Winds (G55)
									In the Tri Cities street flooding and power outages accompanied the thunderstorm. Quarter-inch hail was also reported.
Okanogan County	09	1440			0	0	10M	15M	Hail (1.50)
									Thunderstorms with around golf ball-size hail, high wind and heavy rain caused approximately \$25 million in damage throughout the county. Heavy rain also damaged part of the cherry crop.
Chelan County	09	1500			0	0	?	?	Hail (2.00)
									Damage estimates for this county were unavailable.
Garfield County	09	1600			0	0	?	3M	Thunderstorm Winds
									Unofficial wind gusts up to 77 mph were reported by a homeowner before the roof of the house blew off. Crop damage due to wind, rain and hail accompanying the storm.
Whitman County	09	1630			0	0	?	?	Thunderstorm Winds (G56) , Hail (3.00)
									Thunderstorms caused total damage up to an estimated \$50 million throughout the county. The roof was ripped off a local high school with winds reported as high as 65 mph. Hailstones up to three inches in diameter were also reported. A quarter of the counties crop land was affected with an estimated \$31.8 million in damages to crops, land and farm buildings. There were reports of funnel clouds with this storm, but no confirmed tornadoes.
WASHINGTON Cont'd									
Spokane County	09	1700			0	0	50K	?	Thunderstorm Winds Hail
									Thunderstorm winds and hail knocked out \$50,000 worth of glass panes in a large greenhouse in the city of Spokane. Downed power lines blocked traffic on Interstate 90 and power was out at times for 100,000 customers.
WEST VIRGINIA, Northern									
Monongalia County 2 N Morgantown 1 E Morgantown	01 01	1100EST 1135EST			0 0	0 0	0 0	0 0	Flood/Flash Flood Flood/Flash Flood
									Flooding of streets and low-lying areas was reported on the West Virginia University Campus just north of Morgantown Interstate 68, just east of Morgantown, was also flooded.
Tucker County Parsons	11	0200EST			0	0	0	0	Hail (0.75)
Brooke County Wellsburg	13	2128EST			0	0	1K	0	Thunderstorm Winds
									Large trees downed by thunderstorm winds.
Ohio County Wheeling	13	2130EST			0	0	1K	0	Thunderstorm Winds
									Trees downed by thunderstorm winds.
Brooke County Weirton	13	2140EST			0	0	1K	0	Thunderstorm Winds
									Trees downed by thunderstorm winds.
Marshall County Countywide	13	2200EST			0	0	2K	0	Thunderstorm Winds
									Numerous large trees and limbs were downed by thunderstorm winds throughout the county.
Ohio County Wheeling	15	1630EST			0	0	0	0	Thunderstorm Winds (G52)
Ohio County Wheeling	15	1635EST			0	0	5K	0	Lightning
									Lightning caused damage to the county's communications system. An antenna and other radio equipment was damaged.
Ohio County Wheeling	15	1640EST			0	0	0	0	Thunderstorm Winds
									Large limbs were downed by thunderstorm winds on Wheeling Island.
Marshall County Moundsville	15	1740EST			0	0	1K	0	Thunderstorm Winds
									Thunderstorm winds downed power lines in Moundsville.
Brooke County Follansbee	15	2020EST			0	0	0	0	Thunderstorm Winds
									Large limbs downed by thunderstorm winds.
Preston County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Countywide	15	2025EST			0	0	1K	0	Thunderstorm Winds
Trees and power lines downed by thunderstorm winds, mainly in the southern part of the county.									
Brooke County Weirton	15	2030EST			0	0	2K	0	Thunderstorm Winds
Several trees and power lines were downed by thunderstorm winds.									
Preston County Kingwood	15	2050EST			0	0	1K	0	Thunderstorm Winds
Trees downed by thunderstorm winds in Kingwood.									
Monongalia County Brookhaven	15	2200EST			0	0	0	0	Flood/Flash Flood
A bridge on Route 68 near Brookhaven was closed due to flood waters.									
Hancock County Weirton	17	0110EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds downed power lines in Weirton.									
Brooke County Follansbee	17	0110EST			0	0	1K	0	Thunderstorm Winds
Thunderstorm winds downed power lines in Follansbee.									
Ohio County West Liberty	17	1215EST			0	0	2K	0	Thunderstorm Winds
Thunderstorm winds downed power lines and large trees in West Liberty.									
Ohio County Wheeling	17	1225EST			0	0	3K	0	Thunderstorm Winds
Several trees were downed in Wheeling, along with a few trees and branches at the Wheeling Island Marina, where falling limbs damaged some picnic tables.									
WEST VIRGINIA, Northern Cont'd									
Tucker County Elk	28	1445EST			0	0	1K	0	Thunderstorm Winds
Several trees were downed by thunderstorm winds near Elk.									
Preston County Rowlesburg	28	1500EST			0	0	2K	0	Thunderstorm Winds
Thunderstorm winds downed power lines and trees in Rowlesburg.									
WEST VIRGINIA, Eastern									
Mineral County Keyser	06	1115EST			0	0	20K	0	Lightning
Lightning entered Potomac Valley Hospital through an electrical line and blew out two of the hospital's electrical panels and tripped the main breaker to the basement x-ray room. Several computers and other equipment was damaged. Smoke filled the basement but there was no fire.									
Morgan County	06	1230EST			0	0	0	0	Hail (0.75)
Dime-size hail was reported in Paw. Power lines were knocked down by thunderstorm winds on Cold Valley Road.									
Berkeley County	06	1320EST			0	0	0	0	Funnel Cloud
A funnel cloud was reported just southwest of the town of Berkeley.									
Jefferson County Kearneysville	06	1445EST			0	0	25K	0	Thunderstorm Winds
A severe thunderstorm knocked down power lines and scores of trees in the Kearneysville area along Leetown Road. An aluminum flag pole was reported bent at a 90-degree angle. Scattered power outages occurred over the remainder of Jefferson County. A house in Leetown caught fire when lightning struck the television antenna on the porch roof. About \$50,000 damage occurred to the house.									
Morgan County	10	1925EST- 1940EST			0	0	0	5K	Hail (1.00)
Skywarn spotter reported 15 minutes of hail, up to the size of a quarter. State police reported nickel-size hail in Berkeley Springs.									
Berkeley County Martinsburg	10	2030EST- 2045EST			0	0	0	0	Hail (0.75)
Skywarn spotter reported dime-size hail in Martinsburg.									
Jefferson County	10	2110EST			0	0	0	0	Hail (0.88)
State Police reported 10 roads closed due to trees down. Two dozen trees were reported down in the county. Nickel-size hail was also observed. The hardest hit areas were Leetown, Charles Town, and Blair. Skywarn spotter reported 3.25 inches of rain in just 45 minutes near Kearneysville. Lightning damaged the foundation of a house about 1.5 miles east of Charles Town.									
Berkeley County	10	2130EST			0	0	40K	0	Lightning
Thunderstorm winds knocked down trees. A church caught fire when it was struck by lightning.									
WVZ051>053	14	1200EST-			?	?	0	0	Excessive Heat
A 38-hour period of extremely hot and humid weather in mid-July took its toll on humans and animals alike. The heat wa									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<p>caused by strengthening of the Bermuda high extended from the surface to the upper levels of the atmosphere. The most life-threatening period of the heat wave occurred during the afternoon of the 15th, when temperatures were near 100 but heat indices were between 115 and 125. For the entire period, heat indices were at or above 90 at most locations. On the evening of the 15th, indices exceeded 100 until around 0200, when outflow from a strong thunderstorm cooled and dried the surface, dropping temperatures and heat indices to the low to mid 70s. The heat wave returned twice in late July, from the 21st through the 25th and again from the 29th through the 31st. However, temperatures were not as oppressive, ranging from 90 to 95 degrees. Daytime heat indices ranged from 105 to 115, but fell below 90 each night. No deaths or injuries were directly attributed to either episode.</p>									
Jefferson County	16	0045EST			0	0	15K	0	Thunderstorm Winds
	Thunderstorm winds blew down trees in Shepherdstown. One tree fell on a house and another was reported blocking a road.								
Morgan County	17	1655EST			0	0	0	0	Flash Flood
	Thunderstorms containing heavy rain caused flashflooding. Berkeley Springs reported 1.8 inches of rain in only 30 minutes. Flooding was reported across Route 522 south of Berkeley Springs.								
Hardy County	27	1400EST- 1415EST			0	0	8K	0	Thunderstorm Winds
	Skywarn spotter near Mill Gap and Route 259 reported several trees down and widespread power outages.								
Mineral County Ridgley	27	1439EST			0	0	3K	0	Thunderstorm Winds
	Trees were reported down across the road in Ridgley.								
WEST VIRGINIA, Southeastern									
Greenbrier County 4 SE Crawley	16	1615EST- 1645EST			0	0	?	?	Flash Flood
	Thunderstorms during the afternoon hours on the 16th produced flash flooding. Heavy rain from thunderstorms flooded a road near Interstate 64, four miles southeast of Crawley.								
Mercer County Bluefield	25	1820EST			0	0	?	?	Thunderstorm Winds
	An isolated severe thunderstorm in Mercer County during the evening hours on the 25th produced damaging winds which downed trees in Bluefield.								
Greenbrier County 8 N White Sulphur Springs	27	1425EST			0	0	?	?	Hail (1.00)
	An isolated severe thunderstorm during the afternoon hours on the 27th produced hail up to quarter size.								
WISCONSIN, Northwest									
Burnett County Countywide	10	0100CST			0	0	?	0	Thunderstorm Winds
	Strong thunderstorm winds blew down many large tree limbs across the county.								
Douglas County 5 S Superior	12	0555CST			0	0	?	0	Thunderstorm Winds
	Many trees were blown down.								
Washburn County 12 NW Spooner		0620CST			0	0	0	0	Thunderstorm Winds
	A tree and several large branches were blown down. A large severe thunderstorm complex moved out of northeast Minnesota into northwest Wisconsin during the morning. The severity of the storms decreased considerably after moving into Wisconsin, but still produced winds capable of knocking down trees.								
Sawyer County Hayward	13	0630CST			0	0	?	0	Thunderstorm Winds
	Power lines and several trees were blown down.								
Douglas County Brule	13	0650CST			0	0	?	0	Thunderstorm Winds
	Large trees were blown down on power lines.								
Bayfield County Red Cliff	13	0650CST			0	1	8K	0	Thunderstorm Winds
	A large tree was blown down on to a camper trailer, sending one person to the hospital with serious head injuries.								
Bayfield	13	0655CST			0	0	0	0	Thunderstorm Winds
	Several trees were blown down on highway 13 between Bayfield and Cornucopia.								
Iron County Montreal	13	0720CST			0	0	?	0	Thunderstorm Winds
	Several trees were blown down. The branch of a large maple tree went through the roof of a bungalow after the tree was struck by lightning. A large severe thunderstorm complex moved out of northeast Minnesota into northwest Wisconsin for the second morning in a row. Once again, damaging winds were the primary feature. Many trees and power lines were blown down, causing some structural damage and sending at least one person to the hospital with head injuries.								
Price County Park Falls	14	1558CST			0	0	0	0	Hail (2.00)
2 E Park Falls	14	1600CST			0	0	0	0	Hail (1.75)
Fifield	14	1624CST			0	0	.6M	0	Hail (3.00)
	Hail from 1.25 to three inches in diameter fell in and around Fifield between 1624 and 1635CST. An automobile dealership sustained \$550 thousand worth of damage to inventory.								
Washburn County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Sarona	14	1737CST			0	0	3K	0	Hail (2.75) Hail from one inch up to 2.75 inches in diameter damaged cars.
Spooner	14	1745CST			0	0	?	0	Hail (1.75) The hail broke at least one windshield. Strong winds also toppled trees and blew down power lines across the county.
Price County	14	1820CST			0	0	0	0	Hail (1.75)
8 NE Phillips	14	1820CST			0	0	0	0	Thunderstorm Winds
7 E Fifield									Ten-inch diameter trees were blown down.
Washburn County	14	1821CST			0	0	0	0	Hail (0.75) For the third morning in a row, a severe thunderstorm complex moved into northeast Minnesota. These storms produced outflow boundaries which continued east into northwest Wisconsin where they met very moist, unstable air. The result was a series of afternoon thunderstorms that produced mainly large hail, although winds were strong enough to topple ten-inch diameter trees. The hail caused some vehicle damage.
4 W Stone Lake									
Burnett County	21	1930CST			0	0	?	0	Thunderstorm Winds
9 ENE Webster									
WISCONSIN, Northwest Cont'd									
Douglas County	24	1600CST			0	0	5K	0	Thunderstorm Winds Twenty trees were blown down or uprooted in a yard on Sand Lake.
Superior									Trees 50-60 feet high were blown down on a house.
Lake Nebagamon	24	1620CST			0	0	10K	0	Hail (1.75) Thunderstorm Winds A severe thunderstorm produced 1.75 inch diameter hail and winds that toppled trees and blew down power lines.
WISCONSIN, Southeast									
Waukesha County	04	1245CST			0	0	?	0	Lightning
2 N Merton									
Grant County	04	2046CST			0	0	?	?	Thunderstorm Winds
Cassville	04	2055CST			0	0	?	?	Thunderstorm Winds
3 W Cuba City									
Iowa County	04	2105CST			0	0	?	?	Lightning
2 SW Avoca									
Dane County	04	2110CST			0	0	?	0	Thunderstorm Winds
Madison									Scattered severe storms generated powerful winds which knocked down large trees in Cassville (Grant County), and significantly damaged a barn's roof west of Cuba City (Grant County). As another severe storm pushed through Madison (Dane County) it tore numerous large tree branches down throughout the city. Two homes sustained damage to their roofs due to fallen branches. A lightning strike started a fire which destroyed a farm shed, but no animals were hurt. Another lightning strike started a fire which partially destroyed an outbuilding north of Merton (Waukesha County).
Barron County	12	0712CST			0	0	0	0	Funnel Cloud
Rice Lake									
Chippewa County	12	0800CST			0	0	?	?	Thunderstorm Winds
6 E New Auburn									
Ashland County	12	0803CST			0	0	0	0	Funnel Cloud
Clam Lake									
Vilas County	12	0900CST			0	0	?	?	Thunderstorm Winds
St. Germain	12	0900CST			0	0	?	?	Thunderstorm Winds
Phelps									
Oconto County	12	1015CST			0	0	3K	?	Thunderstorm Winds (G51) Scattered severe thunderstorms rolled through northern Wisconsin during the morning hours. Powerful winds toppled large trees near New Auburn (Chippewa County); and in St. Germain and Phelps (Vilas County). A few homes and vehicles sustained minor damage in Kelly Lake.
Kelly Lake									
Vilas County	13	0800CST			0	0	?	?	Thunderstorm Winds (G52) An isolated severe thunderstorm with gusts measured to 60 mph blew over a large tree onto a house in Arbor Vitae. Dime-size hail was also produced by this severe storm in far northern Wisconsin.
Arbor Vitae									
WIZ005>072- All but Extreme Northwest Wisconsin	13 15	0800CST- 0000CST			57	?	?	?	Extreme Heat This mid-July heat wave, advertized two days earlier in special statements, was nonetheless, one of the worst natural disasters to affect Wisconsin. At least 58 deaths were directly attributed to an unprecedented combination of temperatures between 100 and 109 and dewpoints in the upper 70s to lower 80s. Many new daily record maximum temperatures were set. La Crosse tied its all-time highest reading of 108 degrees. Even nighttime temperatures were torrid. Milwaukee set a new all-time record high minimum of 84 on the 14th. Sadly, there were atleast 69 additional deaths that were indirectly related to the heat wave. In some cases, heat-related deaths were not discovered until several days after the heat wave ended. The majority of the deaths occurred in the inner city, with the elderly hard hit. However, there were a number of deaths in the county as well. Heat indices peaked at 120 to 130 degrees on the 13th, and 110 to 122 on the 14th while only dropping to 85 to 100 at night. Approximately 100,000 animals perished due to the oppressive heat, among them cattle, pigs, milk cows, sheep, turkeys, chickens, pheasants, and horses. Dead livestock pick-up companies were overwhelmed by the demand. All-time electricity demand necessitated volunteer private and business usage reductions in order to prevent widespread brownouts. Calumet County (WIZ049): M39PH, Clark County (WIZ029): M63PH, Columbia County (WIZ057): M63PH, Fond du Lac (WIZ051): F50PH, M87PH, Jackson County (WIZ034): F73PH, Kenosha County (WIZ0072): F76PH, M08PH, M37PH, La Crosse County (WIZ041): F85PH, Lafayette County (WIZ067): M75PH, Manitowoc County (WIZ050): M80PH, Marathon County (WIZ030): M47PH, Milwaukee County (WIZ066): F47PH, M24PH, M52PH, F64PH, M50PH, M50PH, F89PH, M36PH, M48PH, F62PH, F54PH, F87PH, F81PH, M88PH, M45PH, M37PH, M68PH, M48PH, M35PH, M47PH, M58PH, M49PH, M63PH, F62PH, M33PH, M83PH, F57PH,

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
M87PH, Outagamie County (WIZ038): M41PH, F69PH, Racine County (WIZ071): M58PH, M72PH, M60PH, F44PH, M43PH, Rock County (WIZ069): M95PH, F82PH, Sheboygan County: F77PH, F78PH, F78PH, F89PH, F40PH, F67PH, M90PH F90PH, Waukesha County (WIZ065): M52PH.									
Lake Michigan 3 E Ootsburg	13	1650CST			0	0	0	0	Waterspout A weak waterspout was observed east of Ootsburg (Sheboygan County) over the nearshore waters of Lake Michigan. It formed along a thunderstorm outflow boundary which had cumulus clouds along it. WSR-88D radar at Milwaukee/Sullivan had no echoes in that area. Perhaps this waterspout was similar to landspouts noted on the Colorado plains.
Marinette County Athelstane	14	1505CST			0	0	?	?	Hail (2.75)
WISCONSIN, Southeast Cont'd									
Vilas County Land O' Lakes	14	1623CST			0	0	?	?	Thunderstorm Winds
Sayner	14	1623CST			0	0	?	?	Thunderstorm Winds
Phelps	14	1640CST	3.5	250	0	0	50K	?	Tornado (F1)
2 N Conover	14	1647CST			0	0	?	?	Thunderstorm Winds
Eagle River	14	1745CST			0	0	?	?	Hail 175
Barron County Cumberland	14	1628CST			0	0	?	?	Hail (1.75)
6 W Rice Lake	14	1727CST			0	0	?	?	Hail (1.75)
Cumberland	14	1929CST	0		0	110K	0	0	Thunderstorm Winds
Turtle Lake	14	1940CST			0	0	?	?	Thunderstorm Winds
Haugen	14	1954CST			0	0	0	0	Funnel Clouds
Polk County Balsam Lake	14	1730CST			0	0	?	?	Thunderstorm Winds
Pierce County 2 N Maiden Rock	14	1740CST			0	0	?	?	Hail (0.88)
Florence County Florence	14	1743CST			0	0	1.5K	?	Thunderstorm Winds (G61)
Oneida County Rhineland	14	1817CST			0	0	?	?	Thunderstorm Winds
Taylor County 11 W Medford	14	1818CST			0	0	0	0	Hail (1.00)
3 W Medford	14	1835CST			0	0	0	0	Hail (3.00)
Medford	14	1930CST			0	0	0	0	Hail (0.75)
Chippewa County 5 N Cadot	14	1842CST			0	10	?	0	Thunderstorm Winds (G52)
Clark County 2 E Owen	14	1945CST			0	0	0	0	Hail (0.88)
Langlade County Antigo	14	1945CST			0	0	?	?	Thunderstorm Winds
Pearson	14	2113CST			0	0	?	?	Thunderstorm Winds
Lincoln County 5 NW Merrill	14	2000CST			0	0	3K	?	Thunderstorm Winds
Marinette County Goodman	14	2005CST			0	0	?	?	Thunderstorm Winds
Athelstane	14	2005CST			0	0	?	?	Thunderstorm Winds
Marathon County Edgar	14	2011CST			0	0	?	?	Thunderstorm Winds
Rusk County Tony	14	2045CST			0	0	?	0	Thunderstorm Winds
Langlade County Oconto County									
Mountain	14	2133CST			0	0	?	?	Thunderstorm Winds
Oconto Falls	14	2215CST			0	0	?	?	Thunderstorm Winds
Oconto	14	2215CST			0	0	?	?	Thunderstorm Winds
A series of severe thunderstorms rolled across northern Wisconsin for several hours. They generated powerful winds which toppled large trees and power lines in Land O'Lakes, Sayner, Conover, and Eagle River (Vilas County); in Cumberland and Turtle Lake (Barron County); in Balsam Lake (Polk County); in Rhineland (Oneida County); in Antigo and Pearson (Langlade County), near Merrill (Lincoln County), in Goodman and Athelstane (Marinette County); in Edgar (Marathon County), in Tony (Rusk County); in and in Mountain, Oconto, and Oconto Falls (Oconto County). A tornado touched down 1.5 miles southwest of Phelps (Vilas County) at 1640CST, and then moved east, uprooting trees and power poles. Trees fell on cars, homes and businesses in this rural area. It lifted two miles southeast of Phelps at 1647CST. Strong thunderstorm winds temporarily lifted the roof off a hangar building at the Cumberland Airport. Three walls of the hangar buckled as the roof settled back down. As a result the entire structure collapsed onto three airplanes stored in the hangar. Strong thunderstorm winds struck the Chippewa Valley Rock Fest near Cadot (Chippewa County). Flying debris injured 10 people. The strong winds knocked over a beer tent and several large speaker towers.									
Sheboygan County Elkhart Lake	15	1020CST			0	0	?	0	Thunderstorm Winds
Greenbush	15	1030CST			0	0	?	0	Lightning
Plymouth	15	1038CST			0	0	?	0	Thunderstorm Winds
Milwaukee County Brown Deer	15	1030CST			0	0	?	0	Lightning
Brown Deer	15	1100CST			0	0	?	0	Thunderstorm Winds
Wauwatosa	15	1100CST			0	0	?	0	Urban Flood
Milwaukee	15	1302CST			0	0	?	0	Hail (0.75)
Wauwatosa	15	1900CST			0	0	?	0	Lightning
Oak Creek	15	1925CST			0	0	?	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

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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	
Waukesha County									
Hartland	15	1223CST			0	0	?	?	Hail (1.75)
Muskego	15	1230CST			0	0	?	?	Thunderstorm Winds
Brookfield	15	1255CST			0	0	?	0	Hail (0.75)
Waukesha	15	1400CST			0	0	?	?	Thunderstorm Winds
WISCONSIN, Southeast Cont'd									
Washington County									
West Bend	15	1230CST			0	0	?	?	Thunderstorm Winds
Jefferson County									
1 SE Palmyra	15	1530CST			0	0	?	0	Thunderstorm Winds
Racine County									
Norway	15	1545CST			0	1	0	0	Lightning
Kenosha County									
Kenosha CG	15	1600CST			0	0	?	0	Thunderstorm Winds (G55)
Kenosha AP	15	1645CST			0	0	50K	0	Thunderstorm Winds (G65)
Walworth County									
2 N Elkhorn	15	1645CST			0	0	?	0	Thunderstorm Winds
Lafayette County									
3 SW Shullsburg	15	1730CST			0	0	?	?	Thunderstorm Winds
2 S Darlington	15	1845CST			0	0	?	0	Thunderstorm Winds
3 E Darlington	15	1858CST			0	0	?	?	Thunderstorm Winds
Rock County									
2 NW Janesville	15	1755CST			0	0	?	0	Thunderstorm Winds
1 W Union	15	1825CST			0	0	?	?	Thunderstorm Winds
2 S Edgerton	15	1841CST			0	0	?	?	Thunderstorm Winds
2 N Lima Center	15	1858CST			0	0	?	?	Thunderstorm Winds
Green County									
New Glarus	15	1800CST			0	0	?	0	Thunderstorm Winds
Dane County									
Oregon	15	1824CST			0	0	?	0	Thunderstorm Winds
3 S Marshall	15	1850CST			0	0	?	0	Hail (0.75)
Cambridge	15	1855CST			0	0	?	0	Lightning

Scattered severe thunderstorms developed in the morning hours on a westward moving lake breeze. Later in the day another family of severe storms moved out of Iowa into southern Wisconsin. Torrential rains, large hail, and powerful damaging winds were associated with the storms. Many large trees were toppled, some of which fell on homes and vehicles. Lightning strikes started a fire which did damage to a chimney of a historical building in Greenbush (Sheboygan County). Otherwise, powerful winds blew down large trees in both in Elkhart Lake and Plymouth (Sheboygan County). A lightning strike severely damaged a silo near the city of Darlington (Lafayette County). Hail up to three inches in diameter pounded the area around Rolling Prairie (Dodge County), which resulted in damage to area crops, cars, and the roofs/windows of several homes. A 13-year-old boy was killed by lightning in Brown Deer (Milwaukee County) while playing on a swing set. Considerable street flooding occurred in Wauwatosa (Milwaukee County) as over one inch of rain fell in 15 minutes. A gazebo was destroyed and large trees felled by powerful winds near a TV station in Brown Deer. High winds demolished and moved an eight car garage 55 feet in West Bend (Washington County). Roof shingles were torn from several homes in Waukesha (Waukesha County) as powerful winds blew down several large trees. A home in Wauwatosa (Milwaukee County) had its chimney blown knocked off by a lightning bolt. Another home in Wauwatosa sustained damage to a bathroom due to a lightning strike. Another severe storm winds brought down numerous large tree branches near Palmyra. Lightning damaged the Oak Creek (Milwaukee County) 911 computer system after hitting the police radio tower. Another lightning strike injured a 35-year-old female police officer in the village of Norway (Racine County). Powerful winds damaged a yacht club in Kenosha (Kenosha County) near the Coast Guard, and another severe storm spun a Beechcraft airplane 180 degrees as winds hit 75 mph at the Kenosha City Airport. Powerful winds pushed hay wagons onto a road east of Darlington (Lafayette County). A spotter estimated winds of 75 mph north of Elkhorn (Walworth County) as several large trees fell over. Severe storm winds blew down many large trees in the communities of Janesville, Union, Edgerton, and Lima Center, all in Rock County. Several large trees were toppled by powerful winds which hit Oregon (Dane County), while lightning struck a car in Cambridge (Dane County) and destroyed its electrical system.

Green County									
3 SE Monroe	16	0200CST			0	0	?	0	Lightning
A thunderstorm's lightning struck an abandoned home and started a fire which burned the building down.									
Dunn County									
4 NW Rock Creek	19	1900CST			0	0	?	?	Thunderstorm Winds
An isolated severe thunderstorm produced powerful winds and hail which damaged 1500 acres of crops as well as irrigation systems. A hay wagon was blown into a truck.									
Eau Claire County									
Eau Claire	22	0010CST			0	0	?	?	Thunderstorm Winds
An isolated severe thunderstorm generated high winds which blew down several large trees in Eau Claire.									
Adams County									
5 SE Lyndon Station	22	1613CST			0	0	?	?	Thunderstorm Winds
Green Lake County									
2 N Markesan	22	1656CST			0	0	?	?	Thunderstorm Winds
Princeton	22	1720CST			0	0	?	?	Thunderstorm Winds
Columbia County									
6 SW Portage	22	1705CST			0	0	?	?	Thunderstorm Winds
Chippewa County									
5 E Bloomer	22	1842CST			0	0	0	0	Funnel Clouds
Cornell	22	1900CST			0	0	0	0	Funnel Clouds

Scattered severe thunderstorms developed powerful winds which blew down several large trees near Lyndon Station (Adams County); near Markesan and Princeton (Green Lake County); and near Portage (Columbia County). One of the toppled trees damaged a pier on Little Green Lake north of Markesan.

WISCONSIN, Southeast Cont'd

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Jefferson County									
Ft. Atkinson	25	1730CST			0	0	?	0	Thunderstorm Winds
Ft. Atkinson	25	1900CST			0	0	?	0	Urban Flood
Trempealeau County									
Arcadia	25	1750CST			0	0	0	0	Hail (0.88)
Waukesha County									
2 S Delafield	25	2015CST			0	0	?	0	Lightning
An isolated severe storm generated powerful winds which blew down several large trees in Ft. Atkinson (Jefferson County), as well as overturning patio furniture and plants. The accompanying torrential rains resulted in urban flooding which temporary closed a couple roads. Another thunderstorm produced a lightning bolt which blew a five foot diameter hole in a home's attic siding south of Delafield (Waukesha County), but there was no fire.									
La Crosse County									
3 E La Crosse	27	1315CST			0	0	200K	0	Thunderstorm Winds
Vernon County									
Viroqua	27	1330CST			0	0	?	?	Thunderstorm Winds
Crawford County									
Lynxville	27	1345CST			0	0	?	?	Thunderstorm Winds
Seneca	27	1355CST			0	0	40K	0	Lightning
Grant County									
Millville	27	1420CST			0	0	?	?	Thunderstorm Winds
Lancaster	27	1440CST			0	0	?	?	Thunderstorm Winds
Lafayette County									
Shullsburg	27	1513CST			0	0	?	?	Hail (1.00)
6 E Graitiot	27	1530CST			0	0	?	?	Thunderstorm Winds
Iowa County									
Rewey	27	1515CST			0	0	?	?	Thunderstorm Winds
Dane County									
Mazomanie	27	1550CST			0	0	?	0	Thunderstorm Winds
Mt. Vernon	27	1630CST			0	0	?	0	Thunderstorm Winds
Stoughton	27	1640CST			0	0	?	0	Thunderstorm Winds
Green County									
Monroe	27	1600CST			0	0	?	0	Thunderstorm Winds
Monroe	27	1630CST			0	0	?	0	Urban Flooding
2 E Dayton	27	1630CST			0	0	0	0	Funnel Cloud
2 E Albany	27	1633CST			0	0	3K	0	Thunderstorm Winds
Jefferson County									
6 SE Cambridge	27	1705CST			0	0	0	?	Hail (1.00)
4 SW Ft. Atkinson	27	1710CST			0	2	0	0	Lightning
Pierce County									
Prescott	27	1705CST			0	0	15K	0	Lightning
Rock County									
Evansville	27	1708CST			0	0	?	0	Thunderstorm Winds
Janesville	27	1710CST			0	0	?	0	Thunderstorm Winds
2 N Milton	27	1730CST			0	0	100K	0	Lightning
Walworth County									
Delavan	27	1724CST			0	0	?	0	Thunderstorm Winds
Spring Prairie	27	1742CST			0	0	?	0	Thunderstorm Winds
1 W Walworth	27	1759CST			0	1	0	0	Lightning
Racine County									
Burlington	27	1750CST			0	0	?	0	Thunderstorm Winds
North Cape	27	1815CST			0	0	?	0	Thunderstorm Winds
4 SW Union Grove	27	1840CST			0	0	?	?	Thunderstorm Winds
Kenosha County									
New Munster	27	1800CST			0	0	?	0	Thunderstorm Winds
Kenosha	27	1825CST			0	0	?	0	Thunderstorm Winds
5 N Kenosha	27	1830CST			0	0	10K	0	Lightning
1 N Pleasant Prairie	27	2245CST			0	0	?	?	Hail (1.75)
Milwaukee County									
St. Francis	27	1820CST			0	0	?	0	Thunderstorm Winds

Several violent clusters of severe storms moved east/southeast across the southern half of Wisconsin in a strongly sheared wind environment (veering winds). The high winds knocked down large trees and a 75-foot communications tower just east of La Crosse (La Crosse County), disrupting 911 service. The high winds also toppled large trees in Viroqua (Vernon County), in Lynxville (Crawford County), and in Millville and Lancaster (Grant County). A lightning fire burned down an old barn in Seneca, but no animals were lost. Large hail damaged the corn crop around Shullsburg (Lafayette County), while powerful winds blew down large trees, a wind mill, and the top of a silo east of Graitiot (Lafayette County). Elsewhere spotters estimated winds in excess of 60 mph which blew down large trees and a home's chimney in Rewey (Iowa County). Further northeast, damaging winds knocked down large trees in Mazomanie, Mt. Vernon, and Stoughton, all in Dane County. The tree damage in Stoughton was the worst in 20 years. Severe storms toppled large trees and power lines in Monroe (Green County). The associated torrential rains of three inches in 1.5 hours generated urban flooding in Monroe with several roads flooded over. The powerful winds then moved east to knock large trees down east of Albany (Green County), one which damaged a home's roof. Lightning struck and injured two teenagers, a female, 16, and a male, 18, near Fort Atkinson (Jefferson County). A lightning strike resulted in loss of water, electricity, gas, cable and telephone service to many homes in Prescott (Pierce County). Other violent storms blew large trees across the highway in Evansville (Rock County). In Janesville (Rock County), spotters estimated winds to 70 mph which knocked over large trees and road signs; and damaged

WISCONSIN, Southeast Cont'd

a greenhouse and residential wooden deck. Lightning started a fire which destroyed a barn full of hay near Milton (Rock County). Powerful winds blew many large trees down in Delavan (Walworth County); and toppled large trees, tore a roof off a gazebo, and snapped a flag pole in half around Spring Prairie (Rock County). A Spring Prairie resident, who has experienced a hurricane, estimated winds at of at least 80 mph. The same storms then tore through the Burlington, North Cape, and Union Grove communities in Racine County. Spotters in Racine County estimated the winds at 80 mph which blew many large trees down in those communities. In the Merton (Waukesha County) area, spotters noted that powerful winds held four inch diameter trees

Storm Data and Unusual Weather Phenomena

July 1995

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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horizontal for several minutes. The violent storms also blew over large trees and road signs around New Munster (Kenosh County), and toppled large trees in the city of Kenosha (Kenosha County). A lightning strike on the UW-Parkside campus (Kenosha County) substation melted steel and damaged PCs. Another severe storm blew many large branches out of trees in St. Francis (Milwaukee County). It was estimated that as many as 30,000 homes in southern Wisconsin were without electrical power at some time on the 27th.

WIZ032-072-Southern Wisconsin

30	0800CST-				1	0	?	?	Extreme Heat
31	0600CST								A short duration heat wave consisting of maximum temperatures of 95 to 100 and heat indices of 105 to 115 affected the southern half of Wisconsin. Dewpoints were in the mid to upper 70s. One death was directly attributed to the oppressive heat, and there was one indirectly related death. Racine County (WIZ071): M38PH.

Forest County

Crandon	31	1241CST			0	1	10K	0	Lightning
Laona	31	1315CST			0	0	?	?	Thunderstorm Winds
Richland County									
3 NE Boaz	31	1433CST			0	0	?	?	Thunderstorm Winds
3 S Richland Center	31	1440CST			0	0	?	?	Hail 100
Marinette County									
10 W Crivitz	31	1440CST			0	0	?	?	Thunderstorm Winds
Marinette	31	1547CST			0	0	?	?	Thunderstorm Winds
Marinette	31	1703CST			0	0	?	?	Thunderstorm Winds
Peshigo	31	1725CST			0	0	?	?	Thunderstorm Winds
Waushara County									
1 W Wautoma	31	1453CST			0	0	?	?	Hail (0.75)
2 N Redgranite	31	1508CST			0	0	?	?	Thunderstorm Winds (G61)
Dakota	31	1725CST			0	0	?	?	Thunderstorm Winds
Marathon County									
Rothschild	31	1517CST			0	0	?	?	Thunderstorm Winds
Waupaca County									
2 S Waupaca	31	1533CST			0	0	?	?	Thunderstorm Winds
Clintonville	31	1555CST			0	0	?	?	Thunderstorm Winds
Embarrass	31	1620CST			0	0	?	?	Thunderstorm Winds
Langlade County									
Antigo	31	1540CST			0	0	?	?	Thunderstorm Winds
Winnebago County									
10 W Neenah	31	1546CST			0	0	?	?	Thunderstorm Winds
Shawano County									
3 N Embarrass	31	1548CST			0	0	?	?	Thunderstorm Winds
Split Rock	31	1553CST			0	0	?	?	Thunderstorm Winds
5 S Shawano	31	1606CST			0	0	?	?	Thunderstorm Winds (G52)
Menominee County									
Keshena	31	1615CST			0	0	?	?	Thunderstorm Winds
Oconto County									
Abrams	31	1628CST			0	0	?	?	Thunderstorm Winds
Brown County									
New Franken	31	1710CST			0	0	?	?	Thunderstorm Winds
Door County									
Sister Bay	31	1720CST			0	0	1K	0	Thunderstorm Winds (G52)
Dane County									
Sun Prairie	31	1830CST			0	0	?	?	Thunderstorm Winds
Columbia County									
Cambria	31	1900CST			0	0	?	?	Thunderstorm Winds

Several clusters of severe thunderstorms, some having bow echo appearance, raced northeast across Wisconsin. They generated powerful downburst winds which knocked down many large trees in Laona (Forest County); near Boaz (Richland Center); near Crivitz, Marinette, and Peshtigo (Marinette County); in Dakota (Waushara County) in Rothschild (Marathon County), near Waupaca, Clintonville, and Embarrass (Waupaca County); in Antigo (Langlade County), west of Neenah (Winnebago County); north of Embarrass, in Split Rock, and south of Shawano (Shawano County); in Keshena (Menominee County); in Abrams (Oconto County); in New Franklin (Brown County); in Sun Prairie (Dane County); and in Cambria (Columbia County) Lightning hit a county courthouse in Crandon (Forest County) and damaged its telephones, PCs, and radios.

WISCONSIN, Western

Barron County									
Rice Lake	12	0712CST			0	0	0	0	Funnel Cloud
									Funnel cloud reported at Rice Lake Airport.

WISCONSIN, Western Cont'd

Chippewa County									
6 E New Auburn	12	0800CST			0	0	?	0	Thunderstorm Winds
									Trees reported down.
Barron County									
Cumberland	14	1628CST			0	0	?	?	Hail (1.75)
6 W Rice Lake	14	1727CST			0	0	?	?	Hail (1.75)
Polk County									
Balsam Lake	14	1730CST			0	0	?	?	Thunderstorm Winds
									Strong winds, lightning and tree branches downed at least 25 power lines in the area around Balsam Lake.
Pierce County									
2 N Maiden Rock	14	1740CST			0	0	?	?	Hail (0.88)
Chippewa County									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
5 N Cadot	14	1842CST			0	10	?	0	Thunderstorm Wind (G52) Strong thunderstorm winds struck the Chippewa Valley Rock Fest, an outdoor rock festival located about 10 miles northeast of Chippewa Falls. Flying debris injured 10 people. The strong winds knocked over a beer tent and several large speaker towers.
Barron County Cumberland	14	1929CST			0	0	110K	0	Thunderstorm Winds Strong thunderstorm winds temporarily lifted the roof off a hangar building at the Cumberland Airport. Three walls of the hangar buckled as the roof settled back down. As a result the entire structure collapsed onto three airplanes stored in the hangar.
Turtle Lake	14	1940CST			0	0	?	0	Thunderstorm Winds Numerous large trees down.
Haugen Rusk County Tony	14	1954CST			0	0	0	0	Funnel Clouds
	14	2045CST			0	0	?	0	Thunderstorm Winds Trees blown down between Ladysmith and Glen Flora in the vicinity of the town of Tony. Westbound lane of Highway 8 blocked by fallen trees.
Dunn County 4 NW Rock Creek	19	1900CST			0	0	?	?	Thunderstorm Winds, Hail Strong winds and hail damaged 1,500 acres of crops as well as irrigation systems. A hay wagon was blown into a truck.
Eau Claire County Eau Claire	22	0010CST			0	0	?	?	Thunderstorm Winds Several large trees were downed.
Chippewa County 5 E Bloomer	22	1842CST			0	0	0	0	Funnel Clouds
Cornell	22	1900CST			0	0	0	0	Funnel Cloud
Pierce County Prescott	27	1705CST			0	0	15K	0	Lightning Lightning strike resulted in loss of water, electricity, gas, cable and telephone service to many homes.
WYOMING									
Teton County	03	1142MST-							
	03	1146MST			0	0	0	0	Funnel Cloud A brief funnel cloud was sighted over Teton Pass.
Teton County	05	1715MST			0	0	0	0	Thunderstorm Winds (G73) Thunderstorm winds gusted to 84 MPH at the Jackson airport.
Teton County	06	1830MST			0	3	3K	0	Thunderstorm Winds Thunderstorm winds downed 250 trees in Grand Teton National Park. One tree crushed a vehicle, injuring 3 occupants. The strong winds also moved across Jackson Lake, damaging two boats. Power was out for a time in many nearby areas.
	06	1900MST							
Goshen County 10W Hawk Springs	10	1450MST			0	0	0	0	Thunderstorm Winds (G65)
Big Horn County Greybull	11	1350MST			0	0	0	0	Thunderstorm Winds (G50)
	11	1355MST							
Sheridan County	11	1600MST			0	0	0	0	Funnel Clouds
	11	1615MST			0	0	3K	0	Thunderstorm Winds (G59) Three short lived funnel clouds were sighted just north of Sheridan. In addition, thunderstorm winds gusted to 68 MPH in Dayton. The strong winds downed tree limbs, some of which damaged a house and a vehicle.
Washakie County Worland	11	1800MST			0	1	0	0	Thunderstorm Winds Strong thunderstorm winds downed tree limbs in Worland. One 3 inch diameter branch was blown 60 feet, striking a person in the head.
	11	1815MST							
WYOMING Cont'd									
Hot Springs County Thermopolis	11	1815MST			0	0	0	0	Thunderstorm Winds Tree limbs were downed in Thermopolis due to strong thunderstorm winds.
	11	1830MST							
Laramie County	11	2100MST			0	0	4K	0	Thunderstorm Winds Strong, small scale winds from a thunderstorm tore the metal roof off of a barn six miles southeast of Cheyenne. Debris was scattered 200 yards. Damage area was 200 feet long and 40 feet wide.
	11	2110MST							
Lincoln County Afton	12	0900MST			0	0	0	0	Hail (1.00)
	12	0905MST							
Park County Cody	12	1200MST			0	0	0	0	Thunderstorm Winds (G50)
	12	1210MST			0	0	0	0	
	12	1220MST			0	0	0	3 5 K	H a i l
	12	1235MST							
Thunderstorms moved through Park County producing strong winds and hail. One-half inch diameter hail fell to the south and east of Powell, damaging crops and fields. The hail piled up to a depth of 6 to 8 inches in places.									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Big Horn County	12	1300MST							
	12	1335MST			0	0	5H	0	Thunderstorm Winds (G54) Hail (1.75)
Strong thunderstorm winds knocked down a tree, many tree limbs and a flagpole in Greybull. One and three quarter inch diameter hail fell in Greybull.									
Washakie County	12	1330MST							
	12	1335MST			0	0	0	0	Hail (1.75)
Hot Springs County	12	1340MST-							
	12	1345MST			0	0	80K	0	L i g h t n i n g
Lightning caused two structure fires eleven miles east of Lucerne. Both a house and a barn were destroyed.									
Laramie County	12	1730MST							
	12	1740MST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted just north of Harriman.									
Niobrara County	12	2005MST							
	12	2020MST			0	0	4K	0	Thunderstorm Winds Lightning
Strong thunderstorm winds destroyed a garage just west of Lusk. Lightning caused a power outage for an hour in Lusk.									
Hot Springs County	14	2030MST							
	14	2114MST			0	0	0	0	Lightning
Lightning caused power outages in Thermopolis.									
Fremont County	14	0000MST-							
		2355MST			0	0	9K	0	Flood
Rain and snowmelt pushed the Big Wind River over flood stage from Crowheart to Riverton. A section of dirt berm gave way in the early morning, allowing water to cross the highways south of Riverton. Trailer homes to the south of Riverton were also flooded.									
Crook County	15	1235MST-							
		1250MST			0	0	0	0	Hail (1.75)
Campbell County	15	1750MST							
	15	1818MST			0	0	0	0	Hail (1.00)
	15	1824MST			0	2	5H	0	Hail (1.00)
One inch diameter hail fell in Recluse and in Gillette. The hail damaged trees and gardens in Gillette. One outdoor booth at a rodeo in Gillette was demolished and some trailers were damaged. At the same rodeo, 2 people sustained minor injuries due to the hail. The hail was in drifts 6 to 8 inches deep in Gillette.									
Weston County	15	1922MST		0	0	0	0	0	Hail (2.00)
	15	1932MST		0	0	0	0	0	Hail (0.75)
	15	1940MST		0	0	0	0	0	Hail (2.00)
	15	1945MST		0	0	0	0	0	Funnel Cloud
	15	2010MST		0	0	0	0	0	Hail (0.75)
	Severe thunderstorms moved through Weston County, producing large hail and a funnel cloud.								
Crook County	15	2035MST							
	Lightning knocked out power in Newcastle.								
Laramie County	17	1518MST							
	17	1523MST			0	0	1K	0	Hail (3.00)
Large hail fell in and near Horse Creek. The hail injured a horse and broke all exterior lights on a house. The hail piled up to 6 to 8 inches deep in the one-half mile wide path.									
WYOMING Cont'd									
Lincoln County	18	1205MST							
	18	1210MST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted near La Barge.									
Goshen County	18	1650MST							
	18	1705MST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted 7 to 8 miles north of Torrington.									
Park County	20	1400MST							
	20	1420MST			0	0	50K	0	Hail
Hail damaged crops and fields south and east of Powell. Some crops were totally destroyed. Some roofs south of Powell were also damaged.									
Laramie County	21	1736MST							
	21	1755MST			0	0	0	0	Thunderstorm Winds (G54) Thunderstorm Winds (G52)
Sheridan County	24	1820MST							
	Funnel Cloud								
Sweetwater County	29	1805MST							
	Thunderstorm Winds (G56)								
Teton County	29	1915MST							
	29	2005MST			0	0	50K	0	Thunderstorm Winds
Strong thunderstorm winds moved through Jackson Hole. The winds downed trees and power lines, with some trees damaging cars and fences. Power was out in Jackson for up to three hours. The strong winds also tipped over the lift shack at the base of									

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									the Snow King chairlift. The shack then fell onto the chairlift cable, halting the lift and stranding one hundred people. At the top of the ski area, windows were broken at the Panorama House. In Jackson, a transformer blew up due to the strong winds. Several large tents and booths were blown down and ripped by the wind at the Teton County Fair. Some minor roof and house damage was reported in the area.
Park County	29	2000MST			0	0	15K	0	Thunderstorm Winds
									Outside of Powell, one-half of a house trailer was destroyed by strong thunderstorm winds.
Big Horn County	29	2010MST 2025MST			0	0	3K	0	Thunderstorm Winds
									Some trees were knocked down along with roof and fence damage in Basin due to strong thunderstorm winds. Trees were also downed in the Emblem and Greybull areas. In Greybull, a large tree blew over onto some vehicles. A house trailer was blown over by the winds near Greybull.
Carbon County	30	1640MST			0	0	0	0	Thunderstorm Winds
									Thunderstorm winds picked up a shed and moved it in Hanna.
ALASKA, Northern									
AKZ003	14	2000HST			0	0	?	0	Flash Flood
									Stees Highway between Central and Circle City heavy rains from thunderstorms in the area washed out a 30-foot section of road and also caused a mudslide.
AKZ003	14	1900HST			0	1	0	0	Lightning
									Village of Tanana, (time approximate; newspaper noted only that it was Friday Night). Lightning from a thunderstorm struck the metal roof of a store and then passed through a 17-year-old man who was about to step off the Four-wheeler he had been riding.
ALASKA, Southern									
Aleutians	03-04				0	0	?	?	High Winds
									A vigorous low moved toward the western Aleutians, deepening to at least a 980mb center. Reduced hours due to "mothballing" of Adak and Shemya resulted in no land observations from either station. Ship reports, however, indicated sustained winds from 40 to 50 mph across the area.
Ak Peninsula Southwest Ak	04-06				0	0	?	?	High Winds
									A moderate weather front moved northeast to Dutch Harbor at 1000 Wednesday (7/5), weakening from just south of Togiak to Egegik along the northern shoreline of Bristol Bay at 2200 Thursday (7/6). Winds gusted 54 mph at Cold Bay, and 47 mph at Port Heiden.
Western Ak. Rng	22-23				0	0	?	?	Flash Flood Watch
									Heavy rains began Friday evening across the area and continued into Saturday morning. Heaviest reported precipitation (at McGrath) reached 1.36 inches during the 18hour period of rain. A flash flood watch for rivers and streams draining the western slopes of the Alaska Range (where currently there is no precipitation data) from Stoney River upstream to the south fork of the Kuskokwim River went into effect Saturday morning and was canceled by 1230 Sunday.
Anchorage	24-25				0	0	?	?	Heavy Rains
ALASKA, Southern Cont'd									
									Locally heavy rains as a result of a very wet frontal system, moved into the Anchorage area Monday and continued into Tuesday evening. Total rainfall reported in the surrounding Chugach Mountains of east Anchorage ranged from one to one and one-half inches during the two day period. Local urban flooding was reported, mostly due to road construction and covered drainage ditches due to this work.
Southwest Ak Bristol Bay Alaska Peninsula	27-29				0	0	?	?	High Winds
									A moderate low just south of the central Aleutians on Thursday (7/27), deepened and curved northeast...centering about 100 miles south of Nunivak Island late Friday (7/28) as a 998mb center. The low slowly weakened and drifting very slowly east and inland thereafter. A frontal low, located south of Cape Sarichef (just southwest of Cold Bay) on Friday, moved northeast into the Kenai Peninsula late Saturday, dissipating Sunday. On Friday, winds ahead of the front reached 45 mph at Cold Bay, 44 mph at Port Heiden. On Saturday, along the back side of the low, winds reached close to 40 mph at Dutch Harbor and also at Cold Bay. On Sunday, ahead of the front, winds reached 45 mph the Rabbit Creek fire station along the east Anchorage hillside.
ALASKA, Southeastern									
									Report not received.
HAWAII									
Oahu HIZ002 Hawaii HIZ004	1-31				0	0	0	0	Excessive Heat
									The average daily high temperature for the month at the Honolulu International Airport was 90.6F, 3.1F above normal. New record high temperatures occurred on six days, and 11 daily record highs were tied. A new monthly record high of 94F was set on the 15th. At the Hilo Airport, two new record highs were set, including a record high of 89F for the month on the 15th.
PACIFIC									
									None reported.

Storm Data and Unusual Weather Phenomena

July 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PUERTO RICO									
Rincon County	02	1610AST	Short	?	0	0	5K	0	Tornado (F0) Waterspout
									A small tornado touched down in Rincon and blew down a tree which fell on a house at Parcelas Ester damaging 50 percent of the structure. This tornado was associated with an intense thunderstorm which also produced high winds. These winds blew a tree down on Highway 115, from Rincon to Aguada, closing the highway. The weak tornado moved offshore.
PRZ002-	07	1138AST			0	0	0	0	Waterspouts
									A pilot reported six waterspouts around 10 miles north of Culebra.
PRZ002-	07	1342AST			0	0	0	0	Waterspout
									A pilot reported a waterspout two miles east of the Roosevelt Roads Naval Station moving slowly west.
Arecibo	14				0	0	0	0	Urban Flood
									Heavy rains caused flooding in several sectors of Arecibo like El Pueblo, Hollo Los Santos, Reparto San Juan, Industria Urbanization and Santa Ana.
Hatillo	14	1534AST			0	0	5K	0	Lightning
									Lightning struck a house at the Valle Verde Urbanization, Capae sector. The strike cracked the structure.
Cabo Rojo	20	1519AST	Short	?	0	0	3K	0	Tornado (F0) Waterspout
									Downed power lines and poles were reported along Road 125, Barrio Montegrande. Trees were reported over the roofs of some wood structures. Strong winds were also reported at Lajas.
PRZ001-	21	2040AST			0	0	0	0	Urban Flood
									Highway 1 became impassable in front of the Interamerican University Campus. This was due to poor drainage combined with heavy rains.
Humacao	22	1610AST			?	?	0	0	Lightning
									Lightning struck a person at Barrio Anton Ruiz.
San Sebastian	31	PM			0	0	6K	0	Thunderstorm Winds
									Many trees and power lines were blown down. Zinc roofs were blown away, some of them impacted automobiles. Traffic obstructions were common.
VIRGIN ISLANDS									
PRZ006-	06	1142AST			0	0	0	0	Waterspout
San Sebastian	31	PM			0	0	6K	0	Thunderstorm Winds
									A pilot reported a waterspout 11 miles west of the St. Thomas Airport drifting northwest.
PRZ006-	06	1552AST			0	0	0	0	Waterspout
									A pilot reported a waterspout 10 miles west of the St. Thomas Airport.
PRZ007-	08	1330AST			0	0	0	0	Waterspout
VIRGIN ISLANDS Cont'd									A pilot reported a nearly stationary waterspout 12 miles northwest of St. Croix.
PRZ006-	12	1415AST			0	0	0	0	Waterspout
									A mariner reported a waterspout south of St. Thomas moving west around 15 mph.
PRZ006-	18	AM			0	0	0	0	Heavy Rain
PRZ007-									Scattered showers and thunderstorms ahead of an intensifying tropical wave over the Eastern Caribbean produced heavy rains and gusty winds across the Virgin Islands since early morning.
PRZ006-	27	Day			0	0	0	0	Urban Flood
PRZ007-									Tropical wave moving into the northeast Caribbean produced heavy rains across the Virgin Islands. Urban flooding was reported at Golden Rock, St. Croix.

STORM DAMAGE CATAGORIES

REFERENCE NOTES

1	Less than \$50	0/Blank	None reported.
2	\$50 to \$500	*	Miles instead of yards.
3	\$500 to \$5,000	**	Yards instead of miles.
4	\$5,000 to \$50,000	@	Includes heavy sleet storm.
5	\$50,000 to \$500,000	#	Freezing drizzle and freezing rain, commonly known as glaze.
6	\$500,000 to \$5 Million	≠	Report incomplete.
7	\$5 Million to \$50 Million	≠≠	Report not received.
8	\$50 Million to \$500 Million	o/c	Indicates Crop Damage amount is included in the value given for property damage.
9	\$500 Million to \$5 Billion		

When reports are not received or are incomplete, the Storm Summary National Death and Injury totals may also be incomplete.

Definition of Fujita Tornado Scale (F scale)

(F0) Gale tornado (40-72 mph): Light damage
Some damage to chimneys; break branches off trees; push over shallow-rooted trees; damage sign boards.

(F1) Moderate tornado (73-112 mph): Moderate damage
The lower limit (73 mph) is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.

(F2) Significant tornado (113-157 mph): Considerable damage
Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3) Severe tornado (158-206 mph): Severe damage
Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.

(F4) Devastating tornado (207-260 mph): Devastating damage
Well-constructed houses leveled; structure with weak foundation blown off some distance; cars thrown and large missiles generated.

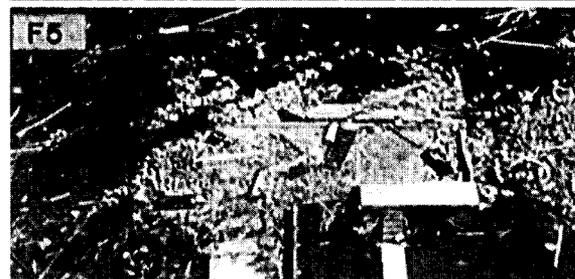
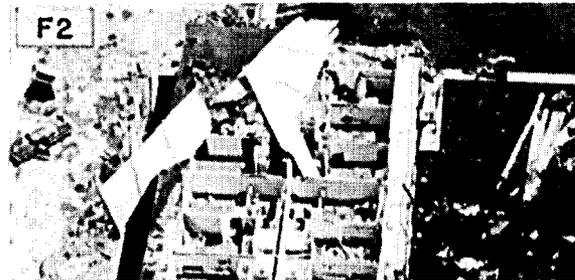
(F5) Incredible tornado (261-318 mph): Incredible damage
Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 m; trees debarked; incredible phenomena will occur.

(F6-F12) (319 mph to Mach 1, the speed of sound):
The maximum wind speeds of tornadoes are not expected to reach the F6 wind speeds.

(F0+F1) *Weak Tornado*

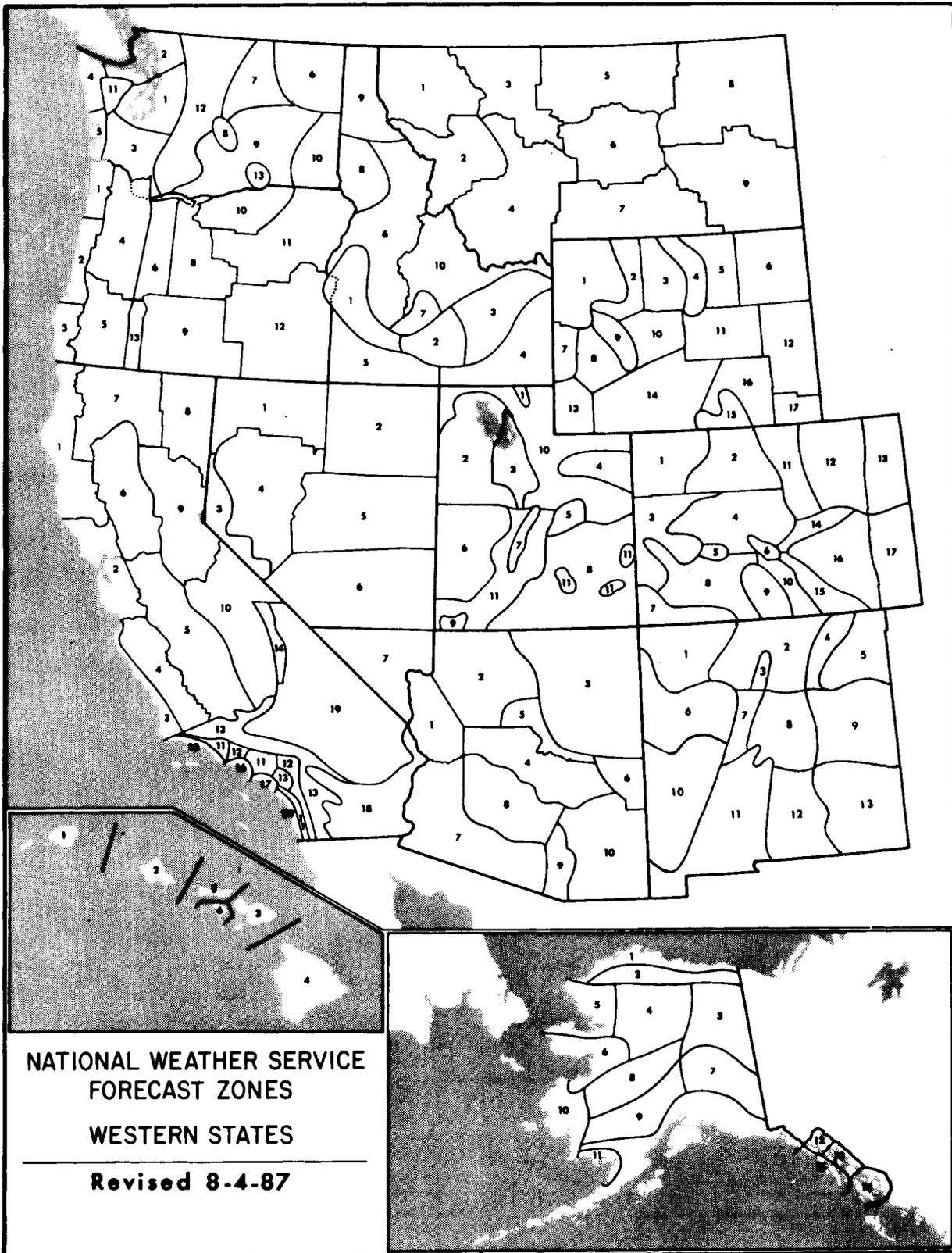
(F2+F3) *Strong Tornado*

(F4+F5) *Violent Tornado*

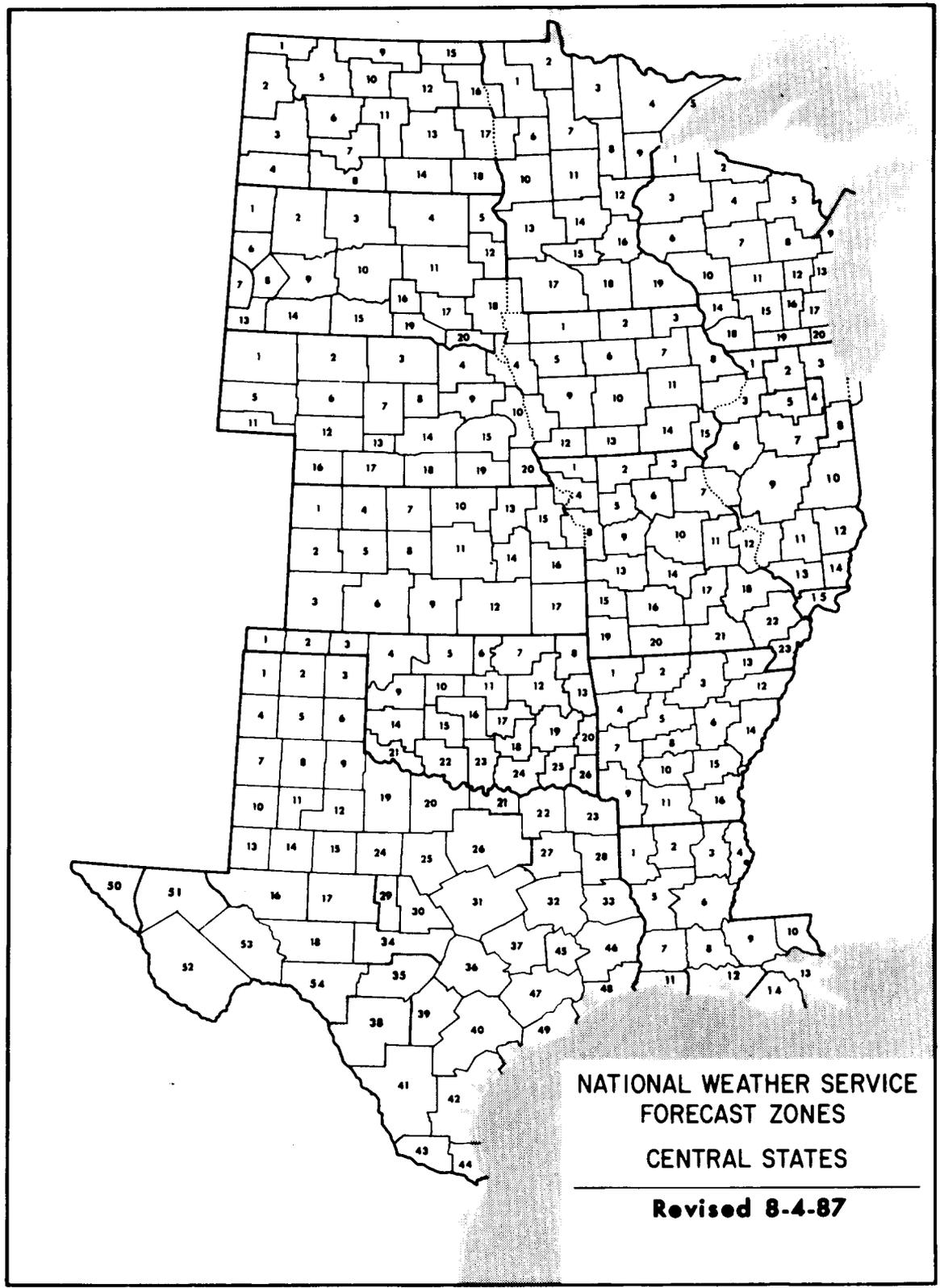


From J. Atmos. Sci., August 1981, p. 1517-1519

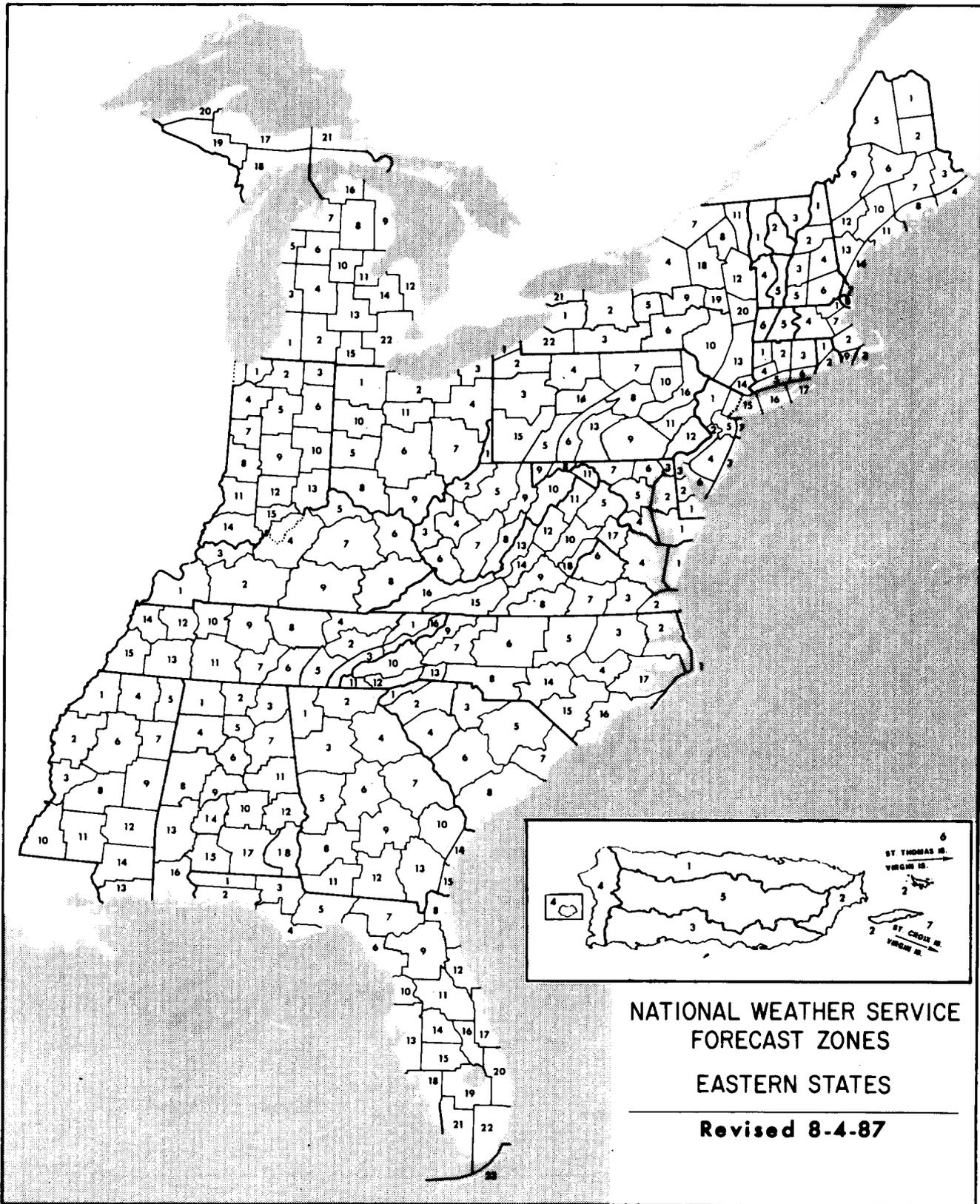
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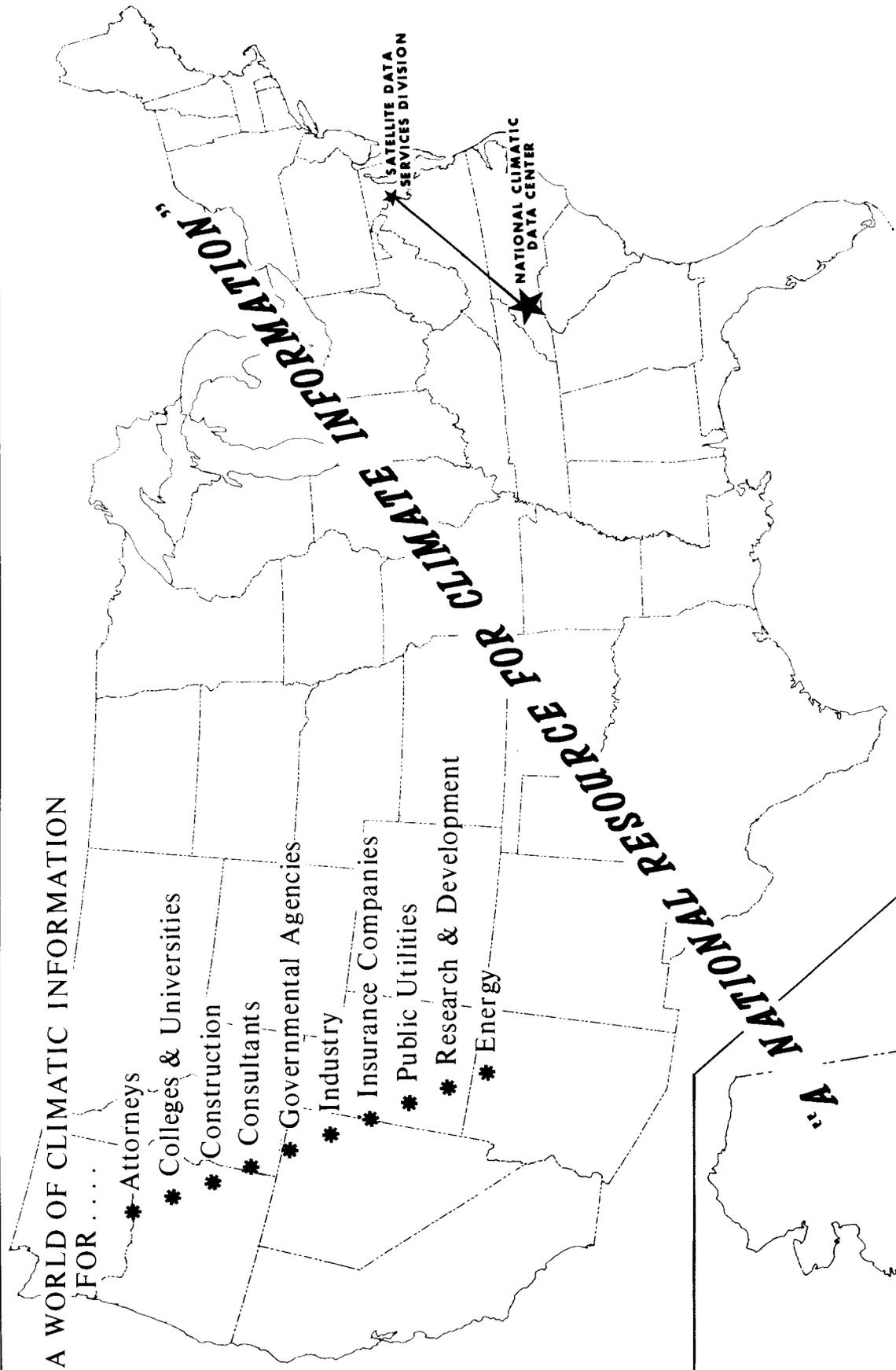
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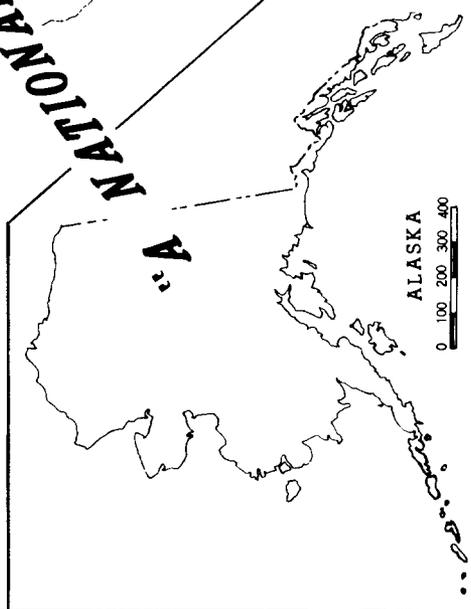


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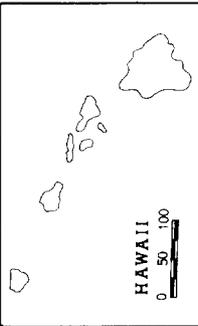
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CLIMATOLOGICAL DATA ANNUAL SUMMARY PENNSYLVANIA 1987

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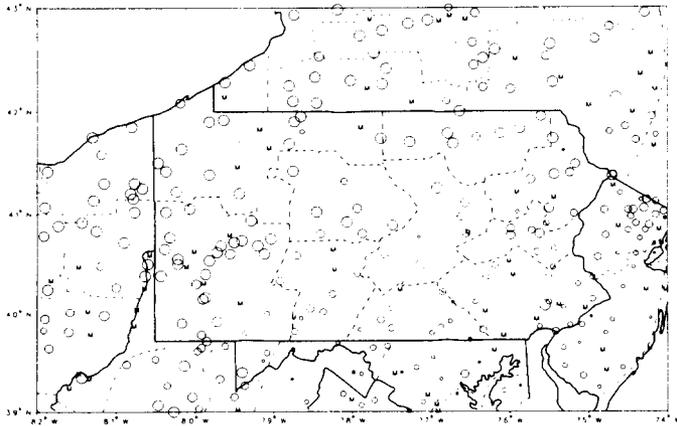


ISSN 0364-5843

CLIMATOLOGICAL DATA PENNSYLVANIA JANUARY 1988 VOLUME 93 NUMBER 1

MONTHLY PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951-1980)

U INCOMPLETE DATA FOR THE MONTH
+ EXACTLY NORMAL
○○○ 5.10.20. 50% OR MORE BELOW NORMAL
●●● 10.20.40. 100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A FORT LOGUS SCALE

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER

Samuel D. Hodson
DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

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