

JUNE 1978

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STORM DATA



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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
Mobile County	6	11:30a	**20	15	0	0	4	0	Tornado	
A small tornado briefly touched down at Tillmans Corner just west of Mobile. A wall of a department store was blown out.										
Mobile County	6	3:53p	-	-	0	0	0	0	Waterspout	
A waterspout was reported by the U.S. Coast Guard about one mile east of Brookley Complex in Mobile Bay. It was moving northeast.										
Barbour County	8	11:05a	0	0	0	0	4	0	Windstorm	
Severe thunderstorm winds caused extensive damage at Lake Point State Park, just north of Eufaula. Damage included 5 boats, 3 vehicles, 3 camper trailers, and a motor home. Numerous trees were also destroyed. Just north of the park, several houses were damaged when trees were blown over.										
Coffee County	8	11:50a	0	0	0	1	4	0	Windstorm	
A woman was injured in the New Hope Community when severe thunderstorm winds destroyed her mobile home. The home was blown 130 feet, and a barn was also destroyed. New Hope is about 16 miles north of Enterprise.										
Lee County	8	1:00p	1 1/2	100	0	0	4	0	Tornado	
A small tornado touched down about 17 miles southeast of Opelika near the intersection of county roads 12 and 95 and moved east northeast for about one and a half miles. Three mobile homes were destroyed and one damaged. Several houses were also damaged in the area by uprooted trees. There were no injuries.										
Covington County	10	p	0	0	0	0	4	0	Flash Flood	
Several inches of rain fell over parts of Covington County within a few hours causing some flash flooding. A road was washed out near River Falls and a water line was broken at the same point. River Falls is just northwest of Andalusia.										
Mobile County	11	1:30p	-	-	0	0	0	0	Funnel Cloud	
A funnel cloud was observed by National Weather Service Personnel, 5 miles south of the Mobile Airport. The funnel was moving northeast and apparently did not touch down.										
Mobile County	12	7:00a	-	-	0	0	0	0	Waterspout	
Three waterspouts were sighted by the U.S. Coast Guard 5 miles west of Muller Point in Mobile Bay. They were moving east across the bay and caused no damage.										
Jefferson County	12	12:50p	0	0	0	0	2	0	Windstorm/Hail	
Severe thunderstorm wind caused some minor damage to a house in Adamsville, just northwest of Birmingham. The same thunderstorm uprooted trees and produced golfball size hail in the same area.										
Randolph County	26	p	0	0	1	0	0	0	Lightning	
A man was killed by lightning near Woodland while working inside a metal shed. The lightning hit a metal chain that extended into the shed from the outside.										
Talladega County	27	4:50p	0	0	0	0	4	0	Lightning	
A rural church burned to the ground when struck by lightning. The church was located about 5 miles north of Talladega and was near 100 years old.										
Jackson County	29	4:30p	0	0	0	0	0	0	Hail	
Golf ball size hail was produced by a large thunderstorm near Scottsboro.										
Shelby County	29	7:00p	0	0	0	0	3	0	Windstorm/Hail	
A severe thunderstorm produced hail larger than quarter size and downed trees near Chelsea. Power and telephone lines were also downed. Chelsea is about 15-20 miles southeast of Birmingham on highway 280.										
Baldwin County	29	8:10p	1/2	15	0	0	0	0	Tornado	
A small tornado touched down briefly near Foley in southern Baldwin County. There was no significant damage.										
ALASKA										
Cook Inlet	22-23				3		4		Wind and rough seas	
Moderate low pressure moved north into the Bering Sea on June 20. Increasing southwest winds developed over Kodiak Island and lower Cook Inlet early on June 22. The southwest wind spread over the rest of Cook Inlet and increased to 25 to 35 knots late on June 22, and continued until the evening of June 23. Seas in lower and central Cook Inlet were 8 to 12 feet. A 27 foot boat and a crew of 3 men were lost in the rough seas.										
ARIZONA										
Phoenix, Maricopa County	5	7:00-8:00 p.			0	3	5	4	Wind	
Winds gusting to 72 m.p.h. with visibility near zero in blowing dust during a thunderstorm, did considerable damage in the area. Power lines were downed, large trees uprooted, trailers turned over, buildings damaged and fences and signs blown down. The peak gust of 72 m.p.h. was the strongest ever recorded here in June. A woman received facial burns when her CB radio, she was listening to, exploded when the antenna blew over and touched a high voltage line. A man and a woman were injured when the wind shattered a window. There was some agricultural damage, especially to citrus, as some of the small green fruit was blown off the trees.										
Tucson, Pima County	28	3:15 p.			1	0	0	0	Lightning	
A 13 year old boy, seeking refuge from the rain under a large tree on a golf course, was killed when a bolt of lightning ricocheted off the tree and struck him.										
ARKANSAS										
Near Waldo - Columbia County	1	3:51 p.							Funnel Cloud	
A funnel cloud was reported by the public. No direction of movement was given.										
Little Rock Air Force Base - Pulaski County	6	1:20 p.			0	0	4	0	Wind/ Lightning	
Heavy thunderstorms produced winds of up to 100 miles an hour. Several buildings on the base sustained wind damage, and lightning also caused some damage in the area.										
Just East of Des Arc - Prairie County	6	2:30 p.			0	0	5	0	Wind	
Strong winds caused by heavy thunderstorms destroyed a new crop dusting airplane.										
Newport - Jackson County	6	3:15 p.	**	200	75	0	0	4	0	Tornado
A tornado moving northeastward touched down in the northern part of the city. Three homes were damaged and three cars were overturned.										
Mississippi County	8	11:30 a. to 1:30 p.							Funnel Clouds	
Five different funnel clouds were sighted by the public in a two hour period. The funnels were moving toward the east-southeast.										
Just North of Dyess - Mississippi County	8	12:10 p.	**	50	25	0	0	0	2	Tornado/ Funnel Cloud
A tornado moving eastward touched briefly in a soybean field. Minor crop damage was reported. The thunderstorm cell which produced the tornado also spawned a funnel cloud near the town of Marie.										
Near Crawfordville - Crittenden County	8	1:41 p.	**	35	25	0	0	0	0	Tornado
A tornado moving southward touched down briefly in an open field, but no damage was reported.										
Just South of Ozark - Franklin County	18	12:10 p.			1	0	0	0	0	Lightning
A twenty-three year old man working on a farm was killed by lightning. He was struck while running from his tractor to his car.										
Ten Miles West of West Memphis - Crittenden County	18	12:35 p.			0	0	3	0	0	Hail/Wind
Thunderstorms produced golf-ball sized hail and gusty winds. Some roof damage was reported.										
Jonesboro - Craighead County	18	12:38 p.			0	0	0	0	0	Hail
Thunderstorms briefly produced one-inch hail, but no damage was reported.										
Two Miles Southeast of England - Lonoke County	19	4:30 p. to 4:35 p.	1/4	20	0	0	0	0	0	Tornado
A very small tornado moving eastward touched down in a rice field, but caused no damage.										

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					KILLED	INJURED	PROPERTY	CROPS	
ARKANSAS (continued)									
Five Miles Northwest of Newport - Jackson County	22	11:30 a.							Funnel Cloud
									Public reported a funnel cloud moving southeastward.
Just Southwest of Osceola - Mississippi County	22	12:29 p.	** 50	25	0	0	0	0	Tornado
									A tornado moving southeastward touched down briefly in an open field. No damage was reported.
Seven Miles South of Forrest City - St. Francis-Lee County Line	23	6:30 p.			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail for about five minutes. No damage was reported.
Near Cummins to One Mile West of Gould - Lincoln County	27	3:45 p. to 4:30 p.	5	25	0	0	0	0	Tornado
									A very small tornado touched down in an open area near Cummins Prison and moved slowly southward. This mini-tornado was spawned by an isolated thundershower and caused no damage.
Just East of Wilmot - Ashley County	29	3:15 p.							Funnel Cloud
									Public reported a funnel cloud. No direction of movement was given.
Near Monticello - Drew County	29	Late Afternoon			1	1	0	0	Lightning
									One man was killed and another was seriously injured when they were struck by lightning while standing under a tree.
CALIFORNIA									
NORTHERN & CENTRAL			NONE REPORTED						
CALIFORNIA									
SOUTHERN			NONE REPORTED						
COLORADO									
Pritchett	03	1915			0	0	0	0	Funnel Cloud
									Funnel cloud moving east 25 mph, could not be confirmed as tornado by Baca County Sheriff.
Pueblo County	04	afternoon			0	0	7	5	Hail, heavy rains
									Severe hail storm inflicted heavy damage to mid-town and south side of Pueblo city. Most damage was to autos, roofs, camper trucks, and mobile homes, with hail ranging from pea size to golf ball size. Hail was up to 18 inches deep in the city. West of Fowler, 300 feet of highline canal and a half mile of irrigation pipeline were washed away by very heavy rains. Some crops were destroyed in the area by hail and water.
Kit Carson and Lincoln Counties	04	afternoon			0	0	?	?	Hail
									Hail piled up to 6 inches deep was reported at Burlington and Genoa.
Silverton	04	evening			0	0	4	0	Flash Flood
									Flash flood roared through a gold mine which was closed indefinitely.
New Raymer	04	1700-1800			0	0	0	0	Funnel Clouds (3)
									Sighted by public.
Trinidad	05	1200			0	0	?	?	Hail
									Hail up to one inch in diameter.
Arriba	05	1800	0.3	50	0	0	?	?	Tornado
									Ham radio operator sighted tornado on ground, moving southeast at 15 mph.
Denver	07	afternoon			0	1	0	0	Lightning, wind, hail
									Man under tree on golf course was struck in the arm by lightning. Wind gusts of around 60 mph and golf ball size hail pelted the west and south side of city.
Salida	07	1450			0	0	?	?	Wind
									Wind gust from thunderstorm around 70 mph.
Northeast Plains	22	afternoon & night			0	0	5	6	Hail
									Hen egg size hail washed crops near Kersey; farms damaged by golf ball size hail near Greeley, with heavy crop damage near Sterling. Roof damage around La Salle.
COLORADO (continued)									
Limon	23	1635	0.3	50	0	0	?	?	Tornado
									Small tornado on ground 5 miles north of Limon. Several funnel clouds observed by Highway Patrol.
Stratton	26	1925	0.3	50	0	0	?	?	Tornado
									Touchdown reported by public.
West of Saunders, KS (Baca County)	26	2200	28	70	0	0	?	?	Tornado
									Tornado reported on ground 10 miles west of Saunders, Kansas, (in Baca County) moved into Kansas.
Kit Carson County	26	evening			0	0	5	6	Hail
									Extensive damage by hail to crops, homes, and farm buildings.
Las Animas County	27	afternoon			0	0	4	5	Hail, rain
									Hail covered the ground to a depth of 6 inches at Cokedale. Marble to golf ball size hail fell at Trinidad, with farm homes west of the city suffering heavy damage. Hail damaged crops and rain silted farmlands west of the city of Trinidad.
CONNECTICUT									
Statewide	19	4-6PM			1	14	5	0	Lightning, heavy rain, wind, hail
									Thunderstorms with intense lightning crossed most of the state. In Putnam, a 20 year old man was killed as he took shelter under a large tree in a field. In Bridgeport, a tree fell upon a car injuring the driver. In Old Lyme, twelve softball players were burned, two seriously, as lightning struck a large tree near where they were playing. Trees were hit by lightning and blown down at about two hundred locations. Several thousand people lost electrical service. Small hail occurred in central parts of the state.
DELAWARE									
Wilmington	7	1:45 p.			0	0	4	0	Wind
									Thunderstorm winds caused weeping willow tree to fall and crush two automobiles in parking lot.
Wilmington	19	abt 2:00p			0	2	0	0	Lightning
									Two workers at home construction site received injuries when lightning bolt struck the chimney. One was knocked to the ground from a scaffolding and the other received a shock as he worked with an electric saw. One man was treated and released from hospital, while the other was admitted in good condition suffering an eye injury.
Wilmington	21	abt 6:15p			0	5	0	0	Lightning
									Five persons standing under a tree at baseball park were knocked to the ground by lightning strike. One man required admission to local hospital, while the others were treated and released that evening.
FLORIDA									
Hillsborough County	2	3:05PM EST			0	0	0	0	Hail
									Hail 3/4 of an inch in diameter was reported during a thunderstorm in Dover.
Palm Beach County	3	7:24AM EST			0	0	0	0	Waterspout
									A waterspout moving northwestward about 10 mph was observed 8 miles east of Palm Beach International Airport.
Putnam County	3	3:24PM EST	1/10	15	0	0	2	0	Tornado
									A small tornado touched down briefly near Boatwck causing only slight damage and no injuries. Several trees were blown over, and there was minor roof damage to one house.
Alachua County	4	8:25AM EST			0	0	0	0	Funnel aloft
									A funnel cloud aloft was reported by the public about 10 miles west of Gainesville.
Hernando County	4	2:12PM EST			0	0	0	0	Waterspouts
									Two waterspouts were reported by the Sheriff's office just west of Hernando Beach.
Monroe County	5	NOON EST			0	0	0	0	Waterspout
									A waterspout, drifting toward the southeast, was observed 8 miles northwest of Big Pine Key.
Leon County	5	3:45PM EST			0	0	0	0	Funnel aloft.
									A funnel cloud aloft, moving eastward 15 mph, was observed north of Tallahassee on Highway 27 near Lake Jackson.

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FLORIDA (continued)									
Palm Beach County	5	5:29PM EST			0	0	0	0	Waterspout
		A waterspout was reported just east of Boynton Inlet.							
Brevard County	6	5:20PM EST			0	0	0	0	Funnel aloft.
		A funnel cloud aloft was reported just north of Satellite Beach.							
Pinellas County	8	8:00AM EST	1/10	10	0	0	3	0	Tornado
		A small tornado touched down briefly in Seminole damaging the roof of one home. There were no injuries.							
Hillsborough County	8	11:00AM EST			0	0	0	0	Waterspout
		A waterspout was reported over Tampa Bay.							
	9	1:15PM EST			0	0	0	0	Funnel aloft.
		A funnel cloud aloft was reported near Wimsama, just east of Ruskin.							
Volusia County	9	2:30PM EST			0	0	0	0	Waterspout
		A waterspout was sighted just offshore about one mile northeast of New Smyrna Beach.							
	9	2:35PM EST	1/10	10	0	0	3	0	Tornado
		A tornado moving northward was reported near Port Orange at the intersection of Nova Road and U.S. 1. One resident reported seeing a funnel-shaped cloud. The porch was blown off one home. Two nearby homes sustained minor damage when parts of the porch were blown into the homes. No injuries were reported.							
Okeechobee County	9	5:35PM EST			0	0	0	0	Funnels aloft
		Funnel clouds aloft, moving northeastward 5 to 10 mph, were reported in southwestern Okeechobee County by the Sheriff's office.							
Brevard County	9	6:15PM EST			1	1	0	0	Lightning
		A 21-year-old man was killed and his 35-year-old brother injured when struck by lightning while working on their disabled car during a thunderstorm. The location was in southern Brevard County on I-95, 2 miles south of the Valkaria exit. Sheriff's reports indicated the 2 brothers got out of their car and raised the hood to determine the problem, then lightning struck. The older brother's son and a friend remained inside the car and were uninjured.							
Orange County	10	6:50PM EST	1/2	20	0	0	4	0	Tornado
		A tornado touchdown in Taft was reported by the County Sheriff's Department. Damage along a short path was mainly downed power lines, trees and antennas, and some roof damage. Damage was restricted to a 10-block area. No injuries were reported.							
Monroe County	11	1:15PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft drifting westward was observed 5 miles west of Key West.							
Palm Beach County	11	2:00PM EST	1/2	10	0	1	4	0	Tornado
		A tornado touched down south of Belle Glade and moved through two subdivisions damaging several homes and blowing a 40-foot truck-trailer into a canal. The only injury reported was a 2-year-old girl cut by flying glass. A sheriff's deputy stated that the tornado cut a 30-foot wide path along a distance of about 800 yards through the Rinderville and Okeechobee Center subdivisions causing minor damage to about 10 homes. Damage was estimated at around \$9,000. Some trees were blown down.							
Broward County	12	12:30PM EST	1/10	10	0	0	2	0	Tornado
		The County Sheriff's Office reported that a tornado touched down near the intersection of Hallandale Blvd. and State Road 7 causing minor damage in the area.							
Broward County	12	12:30PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported by the Sheriff's office near Dixie Highway and Pembroke Road in Hollywood.							
Broward County	12	1:00PM EST			1	0	0	0	Lightning
		A 14-year-old boy was struck and killed by lightning in Lauderdale during a thunderstorm. The boy was running home, apparently trying to beat the rain, when lightning struck as he was only two doors from home. The lightning bolt struck a pine tree near the boy, severely burning his legs and causing the soles of his shoes to come off.							
Santa Rosa County	12	1:53PM CST			0	0	0	0	Waterspout
		A waterspout moving southward was reported over East Pensacola Bay by the Sheriff's office.							

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FLORIDA (continued)									
Citrus County	12	2:15PM EST			0	0	0	0	Funnels aloft
		Two funnel clouds aloft moving southwestward were observed 5 miles north of Inverness during a thunderstorm. Winds gusted locally to 55 mph. No damage was reported.							
Hernando County	12	3:30PM EST	1/10	10	0	0	3	0	Tornado
		A small tornado touched down briefly on the north side of Brooks-ville damaging two mobile homes at the Three Seasons Mobile Home Park on Yontz Road. The tornado, observed by at least two residents, tore part of the roof off one home and caused slight damage to another. No injuries were reported.							
Charlotte County	12	Afternoon			0	0	0	0	Waterspout
		A waterspout, reported by numerous persons, was sighted off Englewood Beach.							
Manatee County	12	5:55PM EST	2/10	25	0	0	3	0	Tornado
		A small tornado touched down briefly in Bradenton on 26th Street West near Cortez Road. The roof of an apartment house was damaged, and power was knocked out in the apartment complex. Witnesses reported that the funnel also skimmed the ground at the DeSoto Boys Club on 34th Street West; however, the only damage was to the club's sign and a section of fence blown down. One witness said the tornado descended from the clouds as a "skinny finger" and increased in size and speed before finally disintegrating after it touched down. Another witness stated that the funnel was about 100 feet tall and didn't seem to be connected to the clouds, and that the whirling mass was about 75 feet in diameter. There were no injuries.							
Dade County	14	8:35AM EST			0	0	0	0	Waterspouts
		Four waterspouts were reported 15 miles northeast of Government Cut, Miami Beach.							
Monroe County	14	10:00AM EST			0	0	0	0	Waterspout
		A large waterspout was reported near Jewish Creek moving toward the west-northwest. The waterspout dissipated within 6 to 7 minutes.							
	15	1:59PM EST			0	0	0	0	Waterspout
		A waterspout moving slowly northwestward was observed 8 miles west of Key West International Airport.							
Taylor County	15	6:20PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported about 7 miles south of Fish Creek.							
Hillsborough and Pinellas County	16	3:45PM to 4:45PM EST			0	0	0	0	Funnels aloft
		Several funnel clouds aloft were reported over Tampa Bay and the Gulf coastal waters from Tarpon Springs to St. Petersburg.							
Pinellas County	16	4:20PM EST			0	0	0	0	Waterspout
		A waterspout was reported just off the coast near Dunedin.							
Lee County	19	1:50PM EST			0	0	0	0	Funnels aloft
		Funnel clouds aloft were reported southwest of Egmont Island by the Sheriff's office and over the Caloosahatchee River near the Cape Coral bridge.							
Henry County	20	4:30PM EST			1	0	0	0	Lightning
		A 19-year-old woman was struck by lightning while fishing and died about 24 hours later. The young woman was fishing with a friend at Mott Plantation, formerly Griffin Sod Farm, on SR 832 when lightning apparently struck her fishing pole.							
Palm Beach County	21	7:55AM EST			0	0	0	0	Waterspout
		A waterspout was reported about 10 miles northeast of Palm Beach International Airport.							
Okeechobee County	21	8:33AM EST			0	0	0	0	Funnel aloft.
		A funnel cloud aloft moving northeastward 10 mph was reported by the public near Okeechobee City.							
Palm Beach County	21	9:34AM EST			0	0	0	0	Waterspout
		A waterspout, moving northeastward 10 mph, was sighted approximately 8 miles northeast of Palm Beach International Airport.							
Hillsborough County	21	2:55PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported over Tampa in the vicinity of Fowler Avenue and the Hillsborough River with considerable debris rotating in the base of the cloud. No damage was reported and the funnel was not observed to touch down.							

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FLORIDA (continued)									
Monroe County	21	11:58PM EST			0	0	0	0	Waterspout
		A waterspout, moving toward the northeast, was reported 7 miles southwest of Key West.							
Brevard County	22	6:10AM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft, moving toward the east, was reported by the public over Palm Bay.							
Palm Beach County	23	8:22AM EST			0	0	0	0	Waterspouts
		Waterspouts were sighted 6 miles southeast of Palm Beach Airport and 1 1/2 miles off Boynton Beach.							
Lee County	23	8:30AM EST			0	0	0	0	Waterspout
		A waterspout was reported near Captiva Island.							
Broward County	23	11:50AM EST			0	0	0	0	Funnel aloft
		A funnel aloft was observed in the Lauderdale-Ft. Lauderdale area.							
Palm Beach County	23	12:14PM EST	2/10	15	0	0	4	0	Tornado
		A tornado touched down at Meadowbrook Mobile Park in West Palm Beach during a thunderstorm damaging a number of mobile homes and trees. Witnesses stated the tornado dipped up and down as it moved northward, and palm fronds were observed whirling around in a circular motion. Nine mobile homes were damaged, including 5 or 6 moved from their foundations. All of the windows were blown out of some homes. Several roofs were smashed or torn off and awnings were blown away. One tree was uprooted, and a considerable amount of tree limbs and debris cluttered streets in the area. Heavy rain fell. No injuries were reported, and damage was estimated at several thousand dollars.							
Monroe County	23	1:35PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft moving northeastward was sighted 7 miles east of Key West.							
Palm Beach County	24	Afternoon			0	1	4	0	Lightning, severe thunderstorms
		A 17-year-old Lake Worth boy was knocked unconscious by lightning while making a telephone call in a restaurant. When lightning struck a telephone pole outside, the boy reported that the telephone was knocked out of his hand. That for a split second he felt a pain in his head, and the next thing he remembered was waking up in the hospital. Thunderstorm activity was widespread, and power was interrupted all around the county. Florida Power and Light Company reported that lightning struck at least 200 times on the company's transformers. Lightning and winds set off burglar alarms throughout the area. Wind gusts between 40 and 60 mph were reported around Boca Raton.							
Walton County	25	11:00PM CST	1/10	10	0	0	2	0	Tornado
		A tornado was reported by the County Sheriff's office at Liberty, 10 miles northwest of DeFuniak Springs. Minor damage was confined to trees and tin roofs on out buildings. No injuries were reported.							
Broward County	26	10:00AM EST			0	0	0	0	Waterspout
		A waterspout was reported near Pompano Beach.							
Palm Beach County	26	10:55AM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was sighted over West Palm Beach west of Atlantic Boulevard.							
Palm Beach County	26	Late morning			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported west of Delray Beach near Atlantic Avenue.							
Dade County	26	3:15PM EST			0	1	0	0	Lightning
		A 13-year-old boy was struck by lightning on Watson Island in Miami and critically injured. The boy and his family, from Detroit, were enjoying the last day of their Miami vacation when lightning struck. The father reported that it had just started to sprinkle when a terrific lightning bolt struck his son. The boy's arms were outstretched straight, and he sat down hard and rolled over unconscious into a small rock pond. Fire Rescue personnel used a resuscitator for nearly 20 minutes in a pouring rain before the boy's heart began to beat again. The boy's parents, a brother and a sister, were not injured.							
Monroe County	26	4:55PM EST			0	0	0	0	Waterspout
		A waterspout moving toward the west was sighted 3 miles northeast of Key West.							
Pinellas County	26	5:40PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported by the Police Department near Tyrone Mall in St. Petersburg. High winds and frequent lightning also were reported.							
FLORIDA (continued)									
Broward County	28	Morning			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported in Davie near the intersection of Noval Road and University Drive.							
Broward County	28	Morning			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported west of Ft. Lauderdale near Sunrise Blvd. and U. S. 441.							
Suwannee County	28	7:00PM EST	1/2	10	0	0	3	0	Tornado
		A small tornado dipped down briefly and damaged a double-wide mobile home on Peacock Lake (just south of U.S. 90 about midway between Live Oak and Wellborn). The home sustained considerable damage, but two teen-aged children inside were uninjured. One of the children reported seeing what appeared to be a huge roll of "black smoke" coming across Peacock Lake toward their home. Violent winds were experienced, and a 20-foot by 30-foot screened-in porch roof was blown off along with about 40 feet of the mobile home roof. Also, 2-inch by 6-inch wooden porch supports were torn apart. Homes 200 feet and 75 feet away were undamaged.							
Extreme northwestern Florida peninsula	28	Night			0	2	6	4	Severe thunderstorms, wind, lightning, hail
		Severe thunderstorms accompanied by strong winds, at least one tornado (listed separately). Lightning, hail and heavy rain, moved through several counties in the extreme northwestern section of Florida Peninsula causing extensive damage. Widespread tree damage occurred and numerous powerlines were blown down. Florida Power damage ran into many thousands of dollars due to trees falling on power lines and transformers being blown out by lightning. Only two injuries were reported, but damage was estimated to be more than 1/2 million dollars. Much of the severe weather occurred between 7:30PM and 8:30PM EST.							
		MADISON COUNTY							
		Winds up to 75 mph were reported. Damage was widespread but appeared to be greatest in the Cherry Lake area. In the town of Madison several businesses reported roof damage, and a trailer south of Madison was struck by lightning and burned. A car in Greenville was demolished when a tree fell on it. There were no serious injuries.							
		TAYLOR COUNTY							
		Winds up to 75 miles per hour were reported. Much of the damage occurred in Perry, particularly in the south and west portions of the city, where the storm began around 7:30PM EST. The majority of the damage included uprooted trees, houses blown off blocks and torn roofs. Plate glass windows were broken, mobile homes overturned, hill boards blown down, and automobiles were damaged by falling trees. Ten fires were set by lightning and/or fallen wires. Many homes sustained minor damage from falling limbs and flying objects. The most serious damage was in the area of the Perry Square Shopping Center westward to the Tidewater Apartments. High winds tore off nearly 1/3 of the roof of a large department store allowing heavy rain to cause extensive water damage inside. Approximately 2 inches of rain fell in one hour. Shopping Center roof and ceiling damage alone was about \$75,000. A large tree was blown over and fell onto a mobile home at the Perry Motor Inn trailer park. Damage in the Perry area alone was estimated at around 1/2 million dollars. The only injury reported was a 17-year-old man suffering severe cuts in the leg by flying glass.							
Extreme northwestern Florida peninsula continued.		SUWANNEE COUNTY							
		The bulk of the storm cut an east-west swath through the county from the Wellborn area to Live Oak. Other parts of the county were not as badly affected. A tornado reported in the Peacock Lake area is listed separately. Hail damaged tobacco and corn crops in some parts of the county. Hailstones, some as large as hen eggs, pelted 1 1/2 acres of tobacco near Wellborn for 15 or 20 minutes. The hail portion of the storm was estimated to be 3/4 mile wide in the Wellborn area. All of the tobacco leaves were left with holes, and many were broken. Two cows were killed near the same area when uprooted trees knocked down power lines.							
		Damage in Live Oak included trees blown over onto houses and onto one church. The only injury reported was a 15-year-old boy struck by lightning. The boy was touching a window and a stereo set at the time lightning struck an outside antenna, and he was knocked backward into his father and brother. The lightning bolt blew out the television set and caused it to smoke for about 30 minutes. It also disabled a water pump, the antenna, an antenna rotor and booster, and two stereo systems. Just before this incident, the family witnessed 17 trees being blown down outside.							
Sarasota County	29	9:50AM EST			0	0	0	0	Waterspout
		A waterspout was reported 18 miles offshore from Sarasota.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
FLORIDA (continued)										
Pinellas County	29	11:43AM EST	1/10	15	0	2	4	0	Tornado, severe thunderstorms, wind, hail, lightning	
		A tornado dipped down briefly in Seminole during a severe thunderstorm described by some residents as the worst storm in 20 years. Wind gusts to 60 mph, large hail, lightning and heavy rain were reported, resulting in uprooted trees, downed power lines, road signs and mailboxes down, broken windows, minor electrical and brush fires, and local street flooding. Hail was reported variously as the size of golf balls, snow balls and mothballs, and icecube-shaped. The hardest-hit area apparently was in the vicinity of Ridge Road and 78th Avenue. Several residents witnessed the tornado and one person reported hearing the familiar sound similar to a freight train. Some streets were blocked temporarily by fallen trees, and one large tree fell over and crushed a car. More than 2 inches of rain in less than 45 minutes resulted in local street flooding. Other miscellaneous damage included a skylight blown out of the roof at Seminole High School and several television sets destroyed by power surges. Two Seminole men were injured slightly and suffered headaches and dizziness when lightning struck near them on Starkey Road.								
Monroe County	29	11:50AM EST			0	0	0	0	Waterspout	
		A waterspout was sighted 8 miles northeast of Key West.								
Pinellas County	29	1:45PM EST			0	0	0	0	Wind	
		A wind gust to 60 mph was reported in Tarpon Springs during a severe thunderstorm. There were no injuries or significant damage reported.								
Marion County	29	6:00PM EST			0	0	0	0	Funnel aloft	
		A funnel cloud aloft moving westward was reported by the public at State Road 40 just west of Ocala.								
Santa Rosa County	29	5:15PM CST			0	0	0	0	Funnel aloft	
		A funnel cloud aloft was reported near Pea Ridge, about 2 miles east of Pace.								
Monroe County	30	3:35PM EST			0	0	0	0	Waterspout	
		A waterspout was reported 6 miles west of Key West.								
Orange, Seminole and Lake Counties	30	4:00PM to 6:00PM EST			0	0	5	0	Lightning, severe thunderstorms	
		Numerous lightning strikes during severe thunderstorms caused widespread damage and power interruptions, including one home demolished two homes seriously damaged, and at least six other homes struck by lightning. A home in the Pine Hills area of Orange County was declared a total loss when lightning struck and caused a fire. A neighbor reported that the crack of lightning shook the entire area, even the ground. Two other homes in the same area sustained serious damage. No injuries were reported.								
Clay County	30	6:00PM EST			0	27	0	0	Lightning	
		Twenty seven Florida National Guardsmen were injured when struck by lightning while on a training exercise at Camp Blanding. Only one of the 27 remained hospitalized the following day because of burns.								
GEORGIA										
Jenkins County	5	3:00 pm			0	0	4	4	Windstorm	
		A thunderstorm flattened a corn field, and damaged both a home and farm.								
Harris County	8	1:10 pm	2	100	0	2	4	0	Tornado	
		A mini-tornado touched down about 4 miles west of Cataula, demolishing a small store, destroying a mobile home and damaging a private residence. There were two minor injuries incurred in the mobile home.								
Turner County	8	7:20 pm	12	100	0	0	4	0	Tornado	
		A mini-tornado touched down near Sycamore, again near Ashburn, and again near Rebecca. It was followed by police. A barn and storage house were destroyed, and some roofs were damaged. Estimates were less than \$10,000.								
DeKalb County	12	5:30 pm			0	0	3	0	Hail, wind	
		A thunderstorm produced marble to golf ball sized hail which completely covered the ground in Lithonia. A few trees were uprooted, and a church suffered some minor wind damage.								
Screven County	24	5:00 pm	1	50	0	0	4	3	Tornado	
		A mini-tornado touched down south of Sylvania, damaging a few homes and a corn crop.								
GEORGIA (continued)										
Chatham County	29	3:00 pm			0	0	0	3	0	Wind, hail
		A thunderstorm produced hail the size of large marbles covering lawns in Savannah. There was some tree damage, and some power outages resulted.								
Fulaski County	29	3:00 pm			0	0	3	0	Wind	
		A thunderstorm destroyed a trailer just south of Hawkinsville.								
Thomas County	29	3:30 pm			0	0	3	0	Wind	
		A thunderstorm damaged trees and power lines in Thomasville.								
Tift County	29	4:00 pm			0	0	3	3	Wind	
		A thunderstorm caused roof damage to barns, house trailers, and houses, and damaged tobacco and corn crops.								
Decatur County	29	4:30 pm			0	0	4	0	Wind	
		A thunderstorm damaged a factory and downed trees near Bainbridge.								
Bacon County	29	5:00 pm			0	0	3	4	Wind	
		A thunderstorm damaged crops and downed trees.								
Crisp County	29	7:30 pm			0	0	3	0	Wind	
		Thunderstorm winds overturned a mobile home.								
Laurens County	30	4:00 pm			0	0	4	0	Wind	
		A thunderstorm leveled a house under construction, damaged some roofs, and downed trees near Dublin.								
HAWAII										
North Kauai	7	2:30p			1	0	0	0	Heavy rain	
		Crossing part way across Hanakaaia Stream to inlet when water rose suddenly, 24 year old out-of-state male hiker climbed tree hoping to bend it to cross to other side. Branches broke and victim fell into rain-swollen water and swept away. Two-day rainfall at upstream rain gage totaled 16.20 inches. Another nearby rain gage recorded 10.59 inches for 2 days ending morning of 8th. Cumulonimbus clouds observed over Kauai mountains by observer and in weather satellite picture.								
IDAHO										
Lewis County	22	Evening			0	0	2	5	Hail, Lightning	
		A hailstorm that piled up as much as six inches of stones left a path of destruction extending from Mason Butte to Reubens. An estimated 1800 to 2000 acres of crops were affected with damage ranging from light to heavy. Peas and fall wheat were hardest hit. Lightning caused light damage to two homes in Craigmont.								
Payette, Payette County	24	1:45 p			0	0	4	0	Lightning	
		A house was extensively damaged by a bolt of lightning.								
Bonner, Kootenai, and Nez Perce Counties	28-29	Night			0	0	4	0	Wind, Lightning	
		Winds estimated at about 45 m.p.h. with gusts much stronger caused scattered utility damage and damaged boat houses at a resort in Bayview, Kootenai County. Lightning severely damaged a traffic signal in Lewiston, Nez Perce County.								
ILLINOIS										
Madison County	1	About 1:10pm			0	0	?	0	Windstorm	
		During a severe thunderstorm, wind gusts of up to 52 knots were reported.								
Northeastern	7	About 6pm			0	0	?	?	Hailstorm, Windstorm	
		Numerous funnel clouds were spotted over Dupage, Will, Cook, Kane, McHenry and Lake Counties during severe thunderstorms which hit in the late afternoon and evening. At 5:52pm, hail of golf ball size was observed at Glenview in Cook County. Just west of the loop in Chicago, wind gusts of about 55 knots were reported at 6:00pm.								

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
ILLINOIS (continued)											
Northern	16	Morning			0	5	6	?			Windstorm, Heavy Rain, Lightning
<p>The northern quarter of the state was hit by morning thunderstorms which flooded streets, ripped down trees and power lines, damaged roofs and touched off fires. At Elgin, Kane County, 3 people were injured when they were hit by flying glass at Elgin Community College. A man was hurt after a tree fell across his car as he drove into a parking lot in Bartlett, Cook County. He suffered a bloody nose and facial cuts. Another man was bruised when he was struck by a piece of aluminum at a construction site in Hoffman Estates, on Barrington Road between Higgins and Golf Roads. The most spectacular lightning-caused damage occurred in Manover Park, Cook County, where a group of townhouses was hit. About \$350,000 damage resulted as an explosion and fire roared through the building complex. Lightning also struck a barn on a farm near Davis, Stephenson County. The blaze that resulted destroyed the barn and all the milking equipment stored inside, an estimated \$100,000 loss. Wind gusts as high as 56 mph were observed during the thunderstorms. Several aircraft were damaged by the strong winds at DuPage County Airport.</p>											
Northern	17	Early Morning			0	0	?	?			Thunderstorm
<p>Numerous severe thunderstorms struck wide areas of Northern Illinois, causing wind and lightning damage. At 2:35am, golf ball size hail was seen at Montgomery, Kane County. Naperville, DuPage County had hail 1 inch in diameter at 3:10am. Some crop damage due to hail was reported in Warren County.</p>											
Northwestern	17	Afternoon and Evening			0	2	?	?			Thunderstorm
<p>Thunderstorms swept through the Northwestern portion of the state. Winds of over 50 knots hit Mercer County during the early afternoon, knocking out power over a wide area. At 9:17pm, hail up to 3/4 inch in diameter was reported in Fulton County, 3 to 4 miles west of Farmington. Warren County had hail damage to crops, principally in the Cameron, Berwick and Roseville areas. In Crystal Lake, McHenry County, a large elm tree fell in the path of a car, causing cuts and lacerations to the driver and passenger.</p>											
Southern Macoupin County	18	Early Morning			0	0	5	?			Heavy Rain
<p>Heavy rains in the early morning hours washed out area farms, and severely damaged property in the Royal Lakes area. As much as 5 inches of rain caused an overflow at the community's lake spillway, damaging the spillway and flooding several homes and autos downstream. Part of the roof at the Mineral Springs Mall collapsed between 2:30 am and 3:30am. The weight of the rain water on the roof caused the flooding of 2 shops in the mall.</p>											
Near Beckemeyer, Clinton County	20	About 12:00 noon			0	1	?	0			Lightning
<p>A man was taken to the hospital after being struck by lightning. He was standing on scaffolding at the site of a house being constructed just southwest of Beckemeyer.</p>											
Ford, Champaign and Iroquois Counties	21	About 6:30pm-8:00pm			0	0	?	?			Hailstorm
<p>A hailstorm, accompanied by lightning, hit portions of Ford, Champaign and Iroquois Counties in the evening. Hail 1 3/4 inches in diameter was observed at Piper City, Ford County and at Cassa Park, Iroquois County. In Champaign County, hail fell in an area about 3 miles south of Penfield at about 7pm. At about 8pm, another hailstorm hit the northeast part of Rantoul, damaging at least 1 home in the Maplewood Estates Mobile Home Park. Hail as large as 1 3/4 inches in diameter was found at the Brookhill Golf Course, north of Rantoul on the Maplewood Road. Hail was also observed at farms 2 miles north-east of Rantoul and 3/4 mile east of Ludlow.</p>											
Dayton, LaSalle County	25	About 10:00am	0.1	50	0	0	3	?			Tornado
<p>A small tornado hit the Dayton area in the morning. Several eye witnesses watched the storm. They saw the funnel dip down almost to ground level, lift up debris, then rise up again. The storm was first spotted moving in an easterly direction over a cornfield near the E19 Road, south of W3059 Road. The funnel destroyed a shed just south of a brick apartment house, turned southeast, and damaged sheds and steps on the south side of 4 mobile homes. A tree was shattered and dropped on a mobile home. A trailer was picked up by the fierce wind and deposited in a nearby cornfield.</p>											
ILLINOIS (continued)											
Near Wilmington, Southwestern Will County-North Central Kankakee County	25	12:10pm	4.7	15	1	0	5	?			Tornado
<p>A small tornado touched down about 5 miles east and 3 miles south of Wilmington, Will County. A man was killed when his trailer home was demolished. Also at this location a barn was demolished and another partially unroofed. Numerous trees were uprooted also. The tornado moved east-southeastward, crossing the Deselm Road just west of the Kankakee County line. Along Deselm Road, a power line was downed and a barn and an old schoolhouse were demolished. The tornado continued east-southeastward to a point 1 mile south-southeast of Deselm. It finally lifted off the ground in Kankakee County at about 12:18pm.</p>											
Near Ballou, Southwestern Will County	25	About 12:15pm	0.5	15	0	0	3	?			Tornado
<p>A second tornado occurred along a path 1 1/2 miles north-east of the Wilmington tornado. The exact time of the storm is unknown. The tornado moved to the east-southeast. Along the south branch of Forked Creek, a camping trailer was demolished and trees were uprooted. This location is 1/4 mile east and 1/4 mile south of Ballou.</p>											
Southeastern Livingston County	25	About 1:08pm-1:14pm	17	400	0	0	5	?			Tornado
<p>A vicious tornado, seen by several witnesses, skipped along a path from 1 mile east of Weston through Fairbury to just northeast of Chatsworth. The storm was first observed when it overturned and damaged a small plane parked at an airstrip near Weston. It then blew down several large trees in the same area. Next demolished was a barn west of the Kafer Trailer Court on the northwest side of Fairbury. It then passed through the trailer court, where it overturned and damaged a mobile home. As the tornado passed just north of the city of Fairbury, power was knocked out as many tree branches were downed. The large funnel was spotted again by a sheriff's deputy about a mile west and 1/4 mile south of Chatsworth. Several other funnels were seen in the vicinity of Chatsworth at about the same time. The tornado crossed Route 24, dropped to the ground, and hit electrical and telephone lines. It then blasted at a farm a mile west of downtown Chatsworth, on old Route 24, destroying a home and numerous buildings. When the tornado hit Chatsworth, electrical and telephone lines were smashed to the ground, trees blown over and several business buildings battered by the strong winds. Several other farms in the Chatsworth area lost buildings and livestock to the tornado. The tornado lifted from the ground as it passed over the northwest part of Chatsworth. It finally broke up just to the northeast of town. Eyewitnesses reported the storm sounded like a freight train and the funnel cloud moved like an elephant's trunk, swaying back and forth.</p>											
Sheridan, LaSalle County	25	1:30pm	0.9	300	0	0	4	?			Tornado
<p>A tornado ripped through the village of Sheridan, LaSalle County, in the early afternoon. The county deputy sheriff first spotted the tornado as it crossed County Highway 2, about 2 miles south of County Highway 32. It moved to the northeast, loosening porch supports of one home and lifting the roofs of 2 neighboring homes completely off. A garage wall also was chipped in, damaging the auto parked inside.</p>											
Northern Third	25-26	Morning of 25th - Early Morning of 26th			1	1	6	?			Thunderstorm, Lightning, Heavy Rain
<p>Widespread thunderstorm activity hit the northern third of the state. The severe weather included numerous lightning strikes of homes and power lines, and heavy rains. In the heavy downpours, as much as 5 to 7 inches of rain fell in the vicinity of Plano, Kendall County, and in the vicinity of Rockford. The result was flash flooding of farms, highways and bridges over a wide area. Interstate Highway 80 in Grundy County between Interstate 55 and Route 47 was closed for a time. One injury and 1 death were reported, both on the 25th. A girl was injured when her car was carried by the flow of a flooding river in Yorkville, Kendall County. A woman was drowned at about 9:30am in Lee County on U.S. Highway 52 when she left a car stalled in a flooded drainage ditch.</p>											
Central	30	11:00am - Late Afternoon			0	1	5	?			Thunderstorm, Lightning, Heavy Rain
<p>A series of thunderstorms slashed across the central portion of Illinois, accompanied by heavy rains, strong winds and several reports of small hail. At about 11:00 am, McComb in McDonough County was hit by the storm. Winds as high as a reported 59 knots knocked down trees and power lines and smashed windows. A woman was injured at 11:51am when a tree fell on the car she was driving. The storm hit Deatur in Macon County around 3:45pm. The high winds caused an electrical short in a power line, setting off a fire which destroyed a house. An unknown amount of crop damage resulted from widespread small hail along the path of the thunderstorms.</p>											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
INDIANA										INDIANA (continued)										
Owen and Monroe Counties	1	9:10 PM	?	?	0	0	0	?	Tornado	Porter County	25	2:48 PM	-	-	0	0	0	0	Funnel Cloud	
									A small tornado was reported to have touched down in a cornfield on the Owen/Monroe County line between Spencer and Ellettsville.										The Sheriff reported a funnel cloud in the Chesterton area. A small camper near Lowell was blown across a road.	
Ripley County between Milan and Surman south of I-74	8	3:51 PM	?	?	0	0	4	?	Tornado	Tippecanoe County	25	3:53 PM	-	-	0	0	0	0	Funnel Cloud	
									A small tornado touched down at three spots along a 2 1/2 mile path. A farmhouse was damaged several barn roofs torn off, outbuildings destroyed and several church stained glass windows were blown out. Damage was estimated at \$58,000.										A pilot reported a funnel cloud 25 miles north-west of Lafayette.	
Jackson County, near Seymour	12	12:07 PM	-	-	0	0	?	0	Wind	Tippecanoe County West Lafayette	25	4:55 PM	?	?	0	0	0	0	Tornado	
									A line of strong thunderstorms produced strong winds, heavy rain and some hail. Tree limbs and power lines were blown down with some power outages.										A tornado was reported on the ground briefly west of West Lafayette near Klondike. No damage.	
Ripley County, Holton	12	12:10 PM	-	-	0	0	4	0	Strong wind	Tippecanoe County	25	4:56 PM	-	-	0	0	0	0	Funnel cloud	
									Strong winds, heavy rain and pea-size hail were reported by numerous people in Holton. A large grain elevator owned by the Farm Bureau Co-op was destroyed. Damage estimated at \$30,000.										A funnel cloud was reported in the vicinity of Route 26 and Interstate 65.	
Ripley County	12	12:30 PM to 1:00 PM	?	?	0	0	?	0	Tornado	Tippecanoe and Southwestern Clinton County	25	6:00 PM	1.2	27	0	0	6	0	Tornado, straight-line wind and flash flooding	
									A small tornado touched down briefly at the Lura Wagner Farm on 600N, 1/4 mile east of U. S. 421. A farm barn was destroyed. A barn roof was blown off to the east about a quarter of a mile. The tornado was accompanied by heavy rain and large hail the size of chicken eggs.										The thunderstorm hit West Lafayette at 6:00 PM EST with estimated wind speeds of 60 to 80 mph. On the Purdue campus, 15 large trees were blown down, as well as numerous branches and limbs. Three homes received roof damage, principally from falling trees. Some utility lines and poles were downed. The campus bookstore had two large plate glass windows blown out. The storm tracked across south Lafayette inflicting similar types of damage. Rainfall amounts in the Lafayette area varied between 4 and 5 inches. Lightning was extremely intense with insurance claims in the greater Lafayette area exceeding \$100. One-half inch hail occurred in West Lafayette. Estimated storm damage in the Lafayette area is approximately \$100,000. The damage track was rather continuous into Indianapolis. For instance, southwestern Clinton County, near I-65, received very strong wind damage, which was most indicative of tornado activity. (For example, extensive tree damage, barns blown down, houses damaged, billboards along the highway snapped off, etc.) The damage was also indicative of rotary winds. Damage again must have been in the vicinity of \$100,000. Four to five inches of rainfall caused some flash flooding. Two bridges were destroyed and several were badly damaged. Flooding damage was estimated at \$1 million.	
Jennings County	12	12:35 PM	-	-	0	0	0	0	Funnel											
									A funnel cloud was reported by the Deputy Sheriff.											
Vigo County Terre Haute	18	3:50 PM to 4:00 PM	-	-	0	0	2	0	Wind	Marion County 71st and Zionsville Road	25	7:10 PM	-	-	0	0	2	0	Strong Wind	
									Wind gusts from 58 to 81 miles an hour along with marble size hail were reported at Edman Field. Pea-size hail and downed tree limbs were reported on the west side of Terre Haute. Windows in several downtown buildings were blown in.											55 mph wind blew out windows at Pike Middle School
Vigo County Terre Haute	18	3:51 PM	?	?	0	0	0	0	Tornado	Marion County	25	7:15 PM	-	-	0	0	0	0	Strong Wind	
									A scientist from Indiana State University detected a funnel cloud and took photographs as it touched the ground for a few seconds on the southeast side of Terre Haute. 3/4 inch hail was reported. Trees were uprooted on the east side of the city.										100+ mph wind at Indiana Power and Light Company tower on 91st Street.	
Warrick County 7 miles NE Evansville	18	5:10 PM	-	-	1	0	0	0	Lightning											
									A lineman was struck by lightning while working to repair a transmitter line.											
Shelby County near Ellettsburg	18	6:16 PM	?	?	0	0	0	0	Tornado											
									A tornado was reported by the public to have touched down briefly in an open field and then retreated back into the clouds.											
Shelby County near Shelbyville	18	6:30 PM	?	?	0	0	?	?	Tornado											
									A tornado touched down 4 miles southwest of Shelbyville. Several roofs were reported blown off.											
Shelby County	18	6:37 PM	?	?	0	0	?	0	Tornado											
									A tornado touched down in the vicinity of State Road 9 and State Road 44. Moderate damage to several outbuildings was reported.											

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
INDIANA (continued)									
Marion County	25	7:25 PM	1	100	0	0	8	0	Tornado, straight-line wind and flash flooding
									A tornado touched down in the vicinity of 6800 Georgetown Road and traveled southeast for approximately one mile before retreating back into the cloud. Accompanying the tornado were strong straight-line winds which widened the damage path to about 2 miles. The strong thunderstorm cell tracked southeast over the center of Indianapolis with another major downburst occurring in the Beech Grove area of southeast Marion County. Major flooding occurred in Central Marion County, including much of the Riverdale Golf Course and surrounding area. Scattered damage and flooding covered most all of Marion County. Reports of rainfall accompanying the storm ranged from three to seven inches. Three bridges collapsed. Damage due to flooding has been estimated at least \$20 million. On the northwest side of Marion County the worse damage was reported on Georgetown Road and Galton Road, between 71st and 56th Streets. Five apartment complexes received heavy damage. The worse areas were in and near the Camelot Apartments. Seven homes and five businesses received major damage. Heavy damage occurred in the Beech Grove area. Two tall power towers were blown down, four business firms received major damage. Robco Amara Distributors estimated \$1 million damage to inventory alone. Straight-line winds damaged approximately 300 homes in the Farhill Downs subdivision. Almost 20 of these were destroyed. Numerous automobiles were crushed under fallen trees and homes. The storm caused massive power outages that lasted for two days. Total estimated damage was from \$70 to \$100 million.
Porter County Hebron	27	5:07 AM	-	-	0	0	?	0	Funnel cloud
									A funnel cloud was reported near Hebron. Winds blew off the roof of a barn and knocked over a tool shed.
IOWA									
NO REPORT RECEIVED									
KANSAS									
Hamilton County	4	1-2:30 a					3	5	Hail
									Thunderstorms moving southeast through the county produced spotty heavy hail of 1/2 to 3/4 inch in diameter. Damage was mostly to wheat in the central portion of the county.
Sherman County	5	12:00-1:00 p							Funnel clouds
									Three funnel clouds moving east were observed 2 to 10 miles west of Goodland.
Kearney County	7	8-9:00 p	15	*2			3	5	Hail
									Heavy thunderstorms moving southeast produced considerable hail damage mostly in the northwest portion of the county. Damage was mostly to wheat with only minor property damage.
Chase County	17	5:00 p	0	0	0	0	0	0	Tornado
									A funnel cloud moving east-northeast touched down briefly in open country northwest of Matfield Green.
Franklin County	17	6:10 p	0	0	0	0	0	0	Tornado
									A funnel cloud first observed northwest of Pomona dipped to the ground briefly about 2 miles west of Pomona then moved northeast dissipating 5 miles northwest of Ottawa.
Osage County	17	6:15 p	8	150	16	3	5	0	Tornado
									Tornado first touched down about 4 miles north-northeast of Lyndon on the west reach of Pomona Lake, traveled a little south of east for 6 miles passing over the dam. Three sightings of a mile east, it turned north for 3/4 mile then dissipated as turned to the east, just south of Michigan Valley. Witnesses reported up to 3 funnels rotating about the vortex touching down 60 percent of the time. A touchdown near the shipperwill subboat caused it to capsize resulting in 16 deaths and 13 reported injuries among the 58 passengers and crew aboard. Damage was to the shipperwill, trees and farm buildings.
Sedgwick	17	6:25 p					3	0	Hail
									Thunderstorms moving east through the county caused local hail. Hailstones of 1-1/4 inches diameter in south Wichita caused minor roof and tree damage.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
KANSAS (continued)									
Butler County	17	7:19 p	1/4	10	0	0	5	0	Tornado
									Tornado moved east through the north portion of Augusta for about 1/4 mile. Damage was to homes, trees, and utility lines.
Neosho County	17	8:15 p					4	0	Wind
									A heavy thunderstorm moving east-southeast through the county was accompanied by strong winds and heavy rain. Wind to 75 mph in the Chanute area caused damage to trees, utility lines, and homes.
Wilson County	17	9:00 p					4	0	Lightning
									Lightning struck a home in Buffalo during a thunderstorm. The resultant fire destroyed the home and its contents.
Montgomery County	17	Evening					5	0	Rain
									Thunderstorms moving slowly east through the county during the evening produced locally heavy rain causing some flooding. Most damage was along Whiskey Creek 18 and near Independence. Damage was to homes and businesses.
Jewell County	19	7:15 p	?	?	0	0	4	0	Tornado
									Tornado moving northeast touched down briefly 7 miles north and 1/2 west of Mankato damaging farm buildings and equipment.
Jewell, Republic, and Washington Counties	19	6-10:00p			0	1	5	6	Hail, wind, rain
									Heavy thunderstorm moving east-northeast through these counties caused considerable crop and property damage. Wind reached above 100 mph at Bellville where a person received a broken arm when a plate glass window was blown in. Hail to 1-3/8 inches in diameter was reported in all three counties. Local totaled more than two inches. Heaviest damage was in a strip 6 miles wide and 8 miles long beginning 2 miles west of Mankato.
Ellis, Lane, Graham, Greeley, Scott, Trego, Phillips, and Wichita Counties	19	Evening					5	7	Hail, wind
									Severe thunderstorms moved east through western Kansas producing local areas of hail, heavy rain, and damaging winds. Hailstones to 4-1/2 inches in diameter were reported in Trego County and to 1-3/4 inches in diameter in Graham and Lane Counties. Winds of 60 to 80 mph were observed in Ellis, and Phillips Counties. There were several unconfirmed reports of funnel clouds. Damage to crops was extensive. Farm buildings and utility lines were damaged by the wind and hail.
Trego County	19	11:10 p	?	?	0	0	0	0	Tornado
									A tornado touched down briefly in open country 7 miles north and 5 miles west of Wakeeney.
Fawcett	20	12:45 a	12	100	0	0	5	0	Tornado
									A funnel associated with a line of thunderstorms moving east touched down occasionally from 4 miles south of Garfield to 7 miles northeast of Belpre. Damage was to buildings, irrigation systems, trees, and one airplane and barger.
Cowley and Sedgwick Counties	20	2:30 to 3:45 a					5	0	Wind
									Thunderstorms moving east through these counties produced strong gusty winds and heavy showers. Damage was to buildings, trees, and utility lines and was greatest in and near Wichita and Udall.
Kiowa County	21	7:30 a	15	*4	0	0	4	5	Hail
									Thunderstorms moving east across the north portion of the county were accompanied by considerable 1/2 inch hail, heavy rain, and gusty winds. Damage was to crops, buildings, trees, and utility lines.
Cheyenne, Decatur, and Rawlins Counties	24	Evening					4	5	Hail
									Heavy thunderstorms moving east through these counties produced local areas of hail. Hailstones to 1-3/4 inches in diameter were reported near Atwood. Damage was to farm buildings, trees, utility lines, and crops.
Jewell, Republic, and Smith Counties	25-26						6	6	Hail, wind
									Violent thunderstorms (described as the worst in many years) moved east-southeast through these counties causing widespread crop and property loss. Hail to more than an inch in diameter fell with the largest to 4-1/2 inches in diameter around Ionia. Winds were estimated to 90 mph. Heaviest damage in Smith County was from just north of Smith Center southeast in a 10 mile wide and 15 mile long path.

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					KILLED	INJURED	PROPERTY	CROPS	
KANSAS (continued)									
Cheyenne, Sherman, Logan, Thomas, and Wallace Counties	26	Evening			0	2	6	7	Hail, wind
			Severe thunderstorms moved southeast through the northwest portion of the state with hail to 1-3/4 inches diameter, and winds of 70 to 80 mph. Crop damage was especially severe in Sherman County. Towns of Huleton and Kanorado were badly damaged. Damage was to buildings, windows, roofs, and trees. Paint was stripped from some buildings. Ten cattle were reported killed. Two persons received minor injuries in Kanorado when a mobile home was overturned.						
Stanton and Morton Counties	26	10:00 p	28	25-100	0	0	4	0	Tornado
			Tornado observed on the ground 10 miles west of Saunders, KS (northeast Baca County, Colo.) moving to near Saunders then southeast to 4 miles north of Richfield on the ground about 20 percent of the time. In open country, damage was to small buildings and irrigation systems.						
Morton County	26	11:00 p					5	5	Hail
			Heavy thunderstorms moving southeast produced local hail to 1-3/4 inches in diameter. Damage was principally around Elkhart with roofs, windows, and cars damaged. Heaviest wheat and corn crop damage was from north of Elkhart to Richfield.						
Thomas County	26	11:10 p							Funnel
			A funnel cloud was reported south of Colby.						
Marion County	27	6:30 p	?	?	0	0	0	0	Tornado
			A funnel cloud moving north-northwest touched down briefly in open country a few miles northwest of Lehigh.						
Pawnee County	27	7:35 p							Funnel
			A funnel cloud was reported 6 miles east-northeast of Larned.						
			<u>SPECIAL HAIL SUMMARY</u>						
			Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties:						
			4	Grant, Hamilton, Stevens					
			5	Logan, Rawlins, Thomas					
			17	Butler, Chase, Harper, Marion, Sedgwick, Sumner					
			18	Comanche, Kingman, Meade					
			19	Barton, Cloud, Dickinson, Edwards, Ellis, Finney, Gove, Graham, Gray, Greeley, Hodgeman, Jewell, Kingman, Lane, Marion, Marshall, Norton, Ottawa, Pawnee, Phillips, Reno, Republic, Saline, Scott, Sedgwick, Stafford, Sumner, Trego, Wichita					
			20	Dickinson, Kingman, Pratt, Reno, Sedgwick, Stafford					
			21	Barber, Harper, Kiowa					
			22	Morris					
			24	Rawlins					
			25	Clay, Cloud, Jewell, Republic, Smith, Washington					
			26	Cloud, Jewell, Logan, Republic, Sherman, Smith, Thomas, Washington					
			27	Dickinson, Marion					
KENTUCKY									
Butler Cy	12	Aftn				1			TSTM
			A 40-year old man was killed when lightning struck the roof of a barn he was working in.						
Wayne Cy	12	5 PM EDT					4		TSTM
			High winds associated with a severe thunderstorm damaged a truck and a mobile home in the GAP of the RIDGE community.						
Henderson Cy	18	2PM CDT					4		TSTM
			High winds destroyed one mobile home, damaged another and dropped the mobile home's roof on a pickup truck.						
McLean Cy	18	4 PM CDT					4		TSTM
			A large barn in CALHOUN was completely flattened by high winds.						

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					KILLED	INJURED	PROPERTY	CROPS	
LOUISIANA									
TERREBONNE PARISH	1	8:30AM							WATERSPOUT
			Waterspout reported near Houma navigation canal						
POINTE COUPEE PARISH	2	1:05PM							FUNNEL CLOUD
			Reported near New Roads						
UNION PARISH	2	8:11PM							FUNNEL CLOUD
			Funnel spotted 8 miles south of Farmersville and over Lake D'Arbonne						
ORLEANS PARISH	5	3:30PM			0	2	0	0	THUNDERSTORM
			Lightning injured two people on Canal Blvd. in New Orleans. There was also some street flooding.						
SOUTHERN PARISHES	6	ALL DAY			0	0	5	4	EXCESSIVE RAINS
			Thunderstorms dumped heavy rains over many places causing considerable flooding of low lying areas in south part of state. Measurements reached 10.43 inches of rain at Vinton and over 11 inches at New Iberia where about 200 homes had from a few inches up to over 2 feet of water inside the dwellings and businesses.						
COASTAL WATERS	8	12:05PM							WATERSPOUTS
			Several waterspouts were reported during the hour around Grand Isle.						
FRANKLIN PARISH	29	5:20PM	1/16	25	0	0	0	0	TORNADO
			Sheriff reported tornado moved through open country ten miles south of Winnboro near Ft. Nesscity.						
ORLEANS PARISH	29	10:02PM			0	0	0	0	HIGH WIND
			Lakefront Airport registered wind gusts to 58 mph from the east-northeast during a thunderstorm.						
MAINE									
Statewide	29	Evening	-	-	0	0	4	0	Thunderstorms
			Severe thunderstorms rumbled across the state. Damage to power lines from trees and utility poles. Heavy downpours, frequent lightning strikes. 3/4" hail reported at Standish.						
Eastport, Washington County	30	Afternoon	-	-	0	0	0	0	Thunderstorm
			Heavy thunderstorms passed south of town. Heavy rain and hail, 1/2" in diameter. 3/4" rain in 10 minutes. Gusty winds caused only minor damages.						
MARYLAND & D.C.									
Mount Airy, Frederick County	22	4:00 a.			0	0	4	0	Lightning
			Lightning-caused fire resulted in extensive damage to bowling center. Electrical wiring was struck and smoldered with a blaze developing in a delayed reaction.						
Oakland, Garrett County	26	6:00 p.			0	1	2	0	Lightning
			Man was treated for a minor injury after lightning entered his apartment through an electrical socket and struck him.						
State and District of Columbia	27	5:30 p.-7:30 p.			0	4*	7	4	Wind, Rain, Lightning, Hail
			Severe squall line, moving southward from West Virginia Panhandle and southern Pennsylvania, created what was agreed by many to be the worst storm in over 20 years. Winds exceeded 70 mph in some areas. In the Washington DC area alone, 1000 trees were reported to have been downed or severely damaged, blocking roads and inflicting extensive damage. Over 100,000 homes in the Washington Baltimore area were without electrical service - some for an extended period. This storm was one of the most damaging storms in local power company history. A power company spokesman reported nearly 200 feeder cables severed; also, downed power lines were more than ten times that of a typical thunderstorm situation. Damage included: crushed autos from falling trees; assorted structural damage to buildings from flying limbs or falling trees; water damage; roof damage from wind and lightning strikes; food loss from long freezer outages; some crop damage from hail. Two tornadoes were officially noted during the period of the storm (information on these appears below). Total storm damage was estimated at \$7.5 million; Calvert County reported its total damage as \$300,000 (of which \$150,000 was attributed to a tornado).						
			*Injuries to at least 4 persons were noted in news accounts; these occurred under the following circumstances: tree falling on an auto; flying glass from a broken window; airplane buffeted by wind while landing; and overturning of a house trailer. Also, scores of others were reported to have been treated and released for minor injuries.						

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					KILLED	INJURED	PROPERTY	CROPS	
MARYLAND & D.C. (continued)									
Calvert County	27	7:00 p.	7	50	0	0	5	3	Tornado
Tornado, apparently moving from SW to SE, touched down briefly in the area of Dunkirk and Chabeyville and again near Huntingtown. The funnel was seen by at least two persons. One of these was the official cooperative weather observer at Odings Ferry Landing. She saw it just above the tree tops in the area and described it as circular in shape and red-colored, similar to the color of the soil in the area, with debris flying out from all angles. One farmstead near Dunkirk lost four barns along with an equipment shed; his loss was estimated at well over \$60,000. A definite swath was cut through a corn field by the tornado. Total damage was estimated at \$150,000.									
Talbot County	27	7:30 p.	0.3	25	0	0	4	0	Tornado
Small tornado, moving SW to NE, was sighted between Bozman and Neavitt. It first struck a boathouse where it picked up the roof, turned it on a 35-degree angle and also tore out the front. It then cleaned a house and touched down again 200 yards away where it ripped a porch from a horse barn and shredded at tree into "toothpicks".									
Howard County	29	Evening			0	0	4	0	Lightning
Barn struck by lightning and completely destroyed. Loss of hay-filled structure estimated to be \$10,750.									
Howard County	29	Evening			0	0	4	0	Wind
Very localized thunderstorm winds of possibly between 70 and 80 mph tore thru nursery establishment at West Friendship. At least eight steel-framed plastic greenhouses damaged and three 30-foot locust trees pulled out of ground. Loss estimated at between \$15,000 and \$25,000.									
MASSACHUSETTS									
Barre	19	6PM			0	0	0	0	Funnel clouds, heavy rain
Fitchburg									
Paxton									
Pepperell									
Shrewsbury									
West Boylston									
Several funnel clouds appeared briefly. Across scattered areas one to two inches of rain fell in less than one hour.									
MICHIGAN									
1 NE Quincy, Branch	1	Afternoon			1	0	0	0	Lightning
Struck an 18 year old boy while he was operating a tractor with a hay rake attached to it. The hay rake ran over the boy after the bolt knocked him off the tractor.									
Port Huron, Sanilac	1	4:15 p.m.			0	0	0	0	Hail
3/4 inch hail reported by the public.									
3 S Traverse City	12	12:30 am			0	0	1	0	Hail
Grand Traverse	1/2 to 1 inch hail fell south of the city causing minor damage.								
1 E Interlochen	12	12:30 am							Funnel Cloud
Grand Traverse	Sighted by the public moving ENE. Last seen by residents of the town of Crawford before disappearing into the clouds.								
3 NE Inlay, Lapeer	12	2:35 pm	1 1/2	50	0	0	1	0	Tornado
Touched down in a wooded area between Pett and Powers roads damaging numerous trees.									
Hart, Oceana	17	5:57 pm							Funnel Cloud
Report by the public and confirmed by State Police as moving northeast at the time of sighting.									
5 N Clare, Clare	17	6:40 pm			0	0	2	0	Hail
Golf ball sized hail broke the windshield of a car traveling along US 27.									
Montague, Muskegon	17	7:30 pm			0	0	0	0	Hail
Two inch diameter hail reported.									
Southeast shore of Houghton Lake, Roscommon	17	10:15 pm			0	0	5	0	Thunderstorm
Hit the area with strong winds, continuous lightning and torrential rains. Heavy damage to trees and power lines. Some damage to homes, trailers, boats, docks, radio and TV antennas and automobiles. 4 inches of rain fell in one hour but caused no serious flooding, Prudenville hardest hit.									
Allegan, Van Buren, Berrien and Cass counties.	17-18	11:45pm			0	4	5	0	Thunderstorms
Founded the area with winds gusts of 45 to 80 MPH and many large lightning strikes. Two people hit by flying debris in a park south of Bridgmen, two boys injured when a TV antenna blew over on their tent near Stevensville. A business building in Bridgmen and a mobile home in Bloomingdale lost roofs. Falling trees damaged three homes, 6 vehicles, one camper and littered streets with debris. Lightning started fires in two homes, two out-buildings and split several large trees in two. Extensive tree damage and power outages occurred throughout the area. Niles, Bridgmen, Buchanan, Coloma, Bangor and Chesire hardest hit. Tornadoes reported below are part of this storm.									
MICHIGAN (continued)									
1/2 SSE Harbert, Berrien	17	11:51pm	1 1/2	40	0	0	3	0	Tornado
Touched down on Pine Street knocking a large tree over on a home. It then continued ENE for a mile cutting a swath through Harbert woods.									
1/2 N. Galien, Berrien	18	12:02am	1 1/2	30	0	0	4	0	Tornado
Touched down on a hill top on Cleveland Ave. tearing the roof off a home. It then moved ENE across a field depositing shingles and overturning three farm wagons before lifting. Some shingles were found over a mile away from the sight of the home.									
Hudson, Hillsdale	20	9:05 pm							Funnel Cloud
Reported by the public to have gone back into the clouds without touching down.									
Berrien, and Cass counties.	25	6:00 - 9:00 am			0	0	8	0	Flash Floods
4 to 8 inches of rain fell on a Berrien Springs to Niles line in a three hour period. 175 people were forced from their homes. 100 homes received basement and first floor flooding. 5 homes in Niles were washed away when an earthen dam fell. 30 roads were damaged and completely washed out and at least 10 utility poles were washed away. Most of the road damage was just north of Niles. Many cars suffered water damage after being mired in up to 4 feet of water. Farmers in the area suffered \$5 million dollars in crop damage due to flooded vegetable fields and washed out crops. Niles, Buchanan, Berrien Springs, and Pokagon areas hardest hit.									
10 miles in all directions of Sunnerville, Berrien and Cass counties.	25	6:00-7:30 am			0	0	5	0	Hail
Hail from 1/2 to 1 1/2 inches in diameter fell in three of four intervals each lasting from 5 to 10 minutes. Severe damage was done to 36 square miles of fruit and vegetable crops in the intensively farmed areas. Hundreds of cars in the same area were badly dented.									
2 SW Montague, Muskegon	25	Morning							Funnel Cloud
Sighted by residents west of White Lake.									
2 SW Whitehall, Muskegon	25	10:15am			0	0			Hail
Golf ball sized hail reported.									
Lansing, Ingham	25	Afternoon			0	1	1		Lightning
Struck the transformer of a man's house while he was standing barefoot on a paint can working on water pipes in the basement. The bolt knocked him against a basement wall.									
Allegan, Kalamazoo, Calhoun, Branch, Hillsdale and Lenawee counties.	26	Midnight to 6 AM			0	0	6	0	Flash Floods
4 to 7 inch rains fell in a six hour period thirty miles either side of a Allegan, Kalamazoo, C oldwater, Hudson Michigan line. Hardest hit was Allegan county where 650 homes were flooded and 50 roads were washed out. Other hard hit areas were Portage and Reading where hundreds of homes suffered basement flooding. Throughout the area extensive field flooding and some field erosion took place with farmers posting losses in the hundreds of thousands of dollars. In Zeeland, a building roof collapsed due to plugged up drains. In Hopkins all the streets were flooded with water reported waist deep on the main street. A landslide in the Battle Creek area blocked a major trail line and 25 rooms of a Battle Creek hotel suffered water damage. All areas reported numerous cars stalled due to high water.									
An area south of Muskegon, Lansing and Mt. Clemens.	26	Morning			0	0	5		Thunderstorms
A series of storms rattled through the area knocking down trees in Kalamazoo and blowing put some windows in Detroit's Renaissance center. Lightning caused fires damaged or destroyed a business building and garage in Holland, a home in Battle Creek and another home in Marshall. 75 transformers were burned out in the southern part of Allegan county. In all the area suffered 40,000 power failures to homes and businesses during the storm.									
Nunica, Ottawa	26	9:30 am							Funnel Cloud
Seen by a man driving along I-96.									
Buchanan, Berrien	26	Morning							Funnel Cloud
Reported by the public at Buchanan and later sighted over Niles.									
1/2 S. Zeeland, Ottawa	26	Morning							Funnel Cloud
Reported by a State Conservation official while traveling on Michigan Highway 21.									
Cass, St. Joseph, Branch, Hillsdale, and Lenawee counties.	27	10:00-11:30am			0	1	5		Thunderstorms
Winds of 40 to 80 mph and intense lightning moved through the area. A woman in Niles was injured when a large tree fell on her car trapping her inside. A lightning triggered fire destroyed a large barn and the equipment inside it at Three Rivers. Falling trees damaged several homes and a car in Sturgis, a mobile home in Fawn River and a garage in Centerville. Heavy damage to trees and power lines occurred throughout the area. Sturgis, Edwardsburg, Three Rivers, Fawn River and Bronson hardest hit.									

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					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA Grand Meadow Area Mower County	10	2:00PM	-	-	0	0	0	5	Wind
									Wind in excess of 50mph and resulting sandstorm, followed earlier hail, flooding, and erosion causing considerable crop damage. Some replanting possible, but too late for corn replanting.
NE Blue Earth Frost Bricelyn Faribault County	14	4:00PM	8 5	*3/4 *1	0	0	4	5	Hail & Rain
									Hailstones one inch in diameter cut two strips across Faribault County: NE Blue Earth - a strip 8 miles long and 3/4 mile wide; at Frost Bricelyn - a strip 5 miles long and 1 mile wide. Ground covered a depth of 3 to 4 inches. Crop damage 20 to 50 percent. Rainfall ranged from one to over five inches.
Blue Earth Faribault County	14-15	8:00PM	-	-	0	0	5	0	Heavy Rain
									Heavy rains Wednesday evening and Thursday morning totaled more than five inches, causing extensive flooding Blue Earth residential area. Four to six feet of water in many basements with considerable damage to furnishings.
Albert Lea Freeborn County	14-15	9:00PM	-	-	0	0	6	0	Heavy Rain
									Torrential rains Wednesday evening and Thursday morning with extensive flooding and damage Albert Lea residential areas. Six and one-half inches of rain recorded by Waste Treatment Plant. Considerable damage to area basements and furnishings and some power outages southeast portion of city. Many cars partially submerged on flooded streets.
Alexandria Douglas County	16	1:00AM	-	-	0	0	4	4	Wind
									Winds of 75mph damaged outdoor theatre screen. Minor tree damage reported and some crop damage rural Alexandria.
Little Falls Area Morrison County	16	1:42AM	5	880	0	0	4	5	Wind
									Wind of more than 60mph accompanied by hail and heavy rain caused widespread power outages, crop damages, and blown-down trees and buildings. One fire reported due to lightning strike with extensive fire and water damage to house.
Stillwater Washington County	16	2:00AM	-	-	0	0	4	0	Wind
									Winds up to 60mph leveled trees and a few power lines. Some power outages reported.
Sherburne County	16	2:00AM	40	*20	0	0	4	4	Wind
									Wind exceeding 70 mph caused extensive damage rural areas. Rainfall measured near four inches. Pole barn destroyed by storm five miles north Big Lake. Five to six thousand customers without power for an average of 10 hours. Some tree damage and telephone interruption.
Minneapolis-St. Paul Hennepin & Ramsey Counties	16	2:00AM	-	-	0	0	5	0	Wind
									Violent thunderstorms with winds up to 65mph moved through Metropolitan Area. Numerous power outages due fallen lines with 25,000 customers without power in St. Paul, and 5,000 failures in Minneapolis, many outages continuing into the following day. A number of telephones also knocked out of service. Eight storm-related fires reported. Concrete block wall 15-foot high and 1,000-foot long toppled by winds in Blaine shopping center. Some tree damage.
S. Jackson County	16	5:00PM	7	*3	0	0	0	5	Hail
									Hail to one inch diameter, wind exceeding 50mph, and heavy rain caused extensive damage to soybean and corn crops. Considerable erosion due heavy rain with estimated hail damage from 20 to 100 percent.
S. Fillmore County	16	5:00PM	-	-	0	0	4	5	Heavy Rain
									Heavy rain remaining nearly stationary over South Fillmore County caused flooding and extensive crop damage. Three inches of rain in 45-minutes caused street and basement flooding at Harmony. Some power outages.
Springfield Brown County	16	5:30PM	-	-	0	2	0	0	Lightning
									Two golfers knocked to ground when lightning struck a tree 20-feet away. One man hospitalized, the other one released.
E. Cottonwood & W. Watonwan Counties	16	8:45PM	20	*2	0	0	5	6	Hail
									Hail to baseball size, winds gusting to 70mph, and heavy rain destroyed many acres of soybeans and corn. Many vehicles dented and windows broken in farm buildings. Considerable chimney and shingle damage and many trees down. Heaviest hail damage Butterfield vicinity in 3-mile by 1-mile strip.

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					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA (continued) New London Kandiyohi County	19	2:00PM	-	-	0	1	0	0	Lightning
									New London mesh struck by bolt of lightning on Little Crow Golf Course.
Qedar Mills Meeker County	19	4:00PM	-	-	0	0	5	0	Lightning
									Extensive fire, smoke, and water damage to area night club from fire caused by lightning strike.
Nobles County	19	4:50PM	3 6	*3 *4	0	0	4	6	Hail
									A late afternoon storm moving southeast through Nobles County and south into Great Lakes area of Iowa caused considerable damage to crops. Hail from pea size to 3/4 inch was driven by winds of 45mph. One farmer had his pickup box filled with hail. Heaviest hit area was 4-miles wide and six-miles long southwest of Okabena, 90 percent crop damage. Another area north of Brewster 3-miles square received considerable hail. Funnel clouds also seen. Rainfall varied from one to two inches.
Wilken County	25	4:30PM	-	-	0	0	0	0	Tornado
									A tornado was observed to briefly touch down in open field with no damage near Doran. Movement was Northeast as it returned into overcast.
Wright County and Minneapolis-St. Paul Metro 7-County Area	25	9:00AM	-	-	1	1	7	5	Flooding
									Heavy thunderstorm nearly stationary over 7-County Metro Area for 2-3 hours. Rainfall amounts near four inches over South Minneapolis mostly within 2-hour period. Basements of homes and businesses flooded, many streets and freeways blocked and thousands without power. Massive traffic tieups along Interstates 494 and 35W due water of debris covered roadways. 16,000 Metro Area customers without power during height of storm. Some outages caused by falling tree limbs. Rainfall amounts included: Okato 3.55, Hastings 2.83, Rosemount 2.63, South St. Paul 2.15, and Inver Grove Heights 2.75 inches in mostly one hour or less. 60 homes damaged Hastings Area including some caved-in foundations. Many basements inundated with flood water and some autos seen floating away. Total loss of many autos in Metropolitan Area. Numerous auto accidents including one fatality and one injured when car skidded into telephone pole in Maple Grove.
Red Lake Falls Red Lake County	26	1:30AM	1/7	100	0	0	4	0	Tornado
									A small but forceful tornado hit a two-block area lifting heavy equipment, snow cat trailers flying through the air. Trees uprooted and homes damaged. Only one-fourth inch of rain and some small hail fell during event.
Warren Marshall County	26	12:00PM	10	*2	0	0	4	4	Wind and Heavy Rain
									Three inches of rain fell in 1 1/4 hours, unofficial amounts of five inches reported. One-fourth inch hail accumulated to a depth of three inches and was blown into 3-inch drifts by winds of 70mph. Highways 75 and 1 were closed. Hail covered an area 2-miles wide and 10-miles long from Warren to Southland. Water bumper deep on Warren streets and highways. Basement flooding in business area. Sunflower and sugar beets crops heavily damaged.
Litchfield Meeker County	26	1:30AM	9	*4	0	0	4	4	Wind
									String winds of 50 to 60 mph and pea-size hail and rain occurred in a radius of four miles of Litchfield. Hail did not cover the ground, but 50 trees blown down. Crop damage not extensive.
Montevideo Chippewa County	30	5:00PM	-	-	0	0	4	5	Wind
									Winds of 60mph caused considerable damage to trees, roofs, two new house trailers were rolled over, and numerous power outages due tree limbs falling on lines. Crop damage considerable around Montevideo.
Goodhue, Wabasha, Winona, & Houston Counties	6/30 7/1	7:00PM	-	-	4	0	7	6	Flooding
									Torrential rains over 4-County Area began early evening continuing on and off into following day. Extensive flooding as slow-moving storm passed over Southeast corner of State. Several roads blocked or washed out, numerous bridges impassable as storm dumped up to eight inches of rainfall over 4-County Area. Widespread damage to crops, gardens, and homes - cows, calves, and pigs dead by lightning or drowned by flash floods. Basements flooded, retaining walls collapsed. Citizens of Elba and 600 campers in Whitewater State Park forced to evacuate. Heavy property damage with many stalled and stranded cars. Some vehicles and cattle swept away. Many power outages and heavy tree damage. Four fatalities. Three by drowning and one electrocuted while trying to pump out basement. Some 24-hour precipitation amounts included: Red Wing 7.78, Hokak 6.68, Goodhue 5.85, and Lake City 5.23 inches.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA (continued)									
Near Glenwood Pope County	16	1:00AM							Funnel Cloud
Springfield Area Brown County	16	12:30PM							Funnel Cloud
75W Windom Jackson County	16	4:55PM							Funnel Cloud
Wilmont Vicinity Nobles County	19	4:15PM							Funnel Cloud
S. Lakefield Jackson County	19	5:24PM							Funnel Cloud
7S Jackson Jackson County	20	5:00PM							Funnel Cloud
5SE Jackson Jackson County	20	5:20PM							Funnel Cloud
NE Campbell Wilken County	25	3:38PM							Funnel Cloud
W. Pergus Falls Ottertail County	25	3:27PM							Funnel Cloud
SW Nashua Wilken County	25	3:25PM							Funnel Cloud
Near Worthington Nobles County	25	11:00PM							Funnel Cloud
Near Lewisville Watowan County	29	5:49PM							Funnel Cloud
SNE Austin Mower County	29	9:45PM							Funnel Cloud
MISSISSIPPI			NONE REPORTED						
MISSOURI									
St. Joseph, Buchanan County	1	1:15 am	?	?	0	0	4	0	Lightning Fire destroyed the Ralph Moser residence after lightning struck the southeast corner of the roof.
Cooper County	1	5 am	?	?	0	0	0	3	Hail Several Cooper County farmer reported crop damage from hail.
St. Charles and St. Louis Counties	1	1 pm	?	?	0	0	3	3	Severe Thunderstorm An area of thunderstorms moved over the state from northwest to southeast and intensified in east central Missouri during the afternoon. Some trees were blown down, and falling tree limbs and lightning caused power outages. Hail up to an inch in diameter caused damage to some crops in St. Charles County.
Rolla, Phelps County	1	3 pm	?	?	0	0	4	0	Lightning Lightning caused an estimated \$3000 damage to the Henry Sineath residence after it struck the TV antenna and traveled through the wiring, starting a fire in the attic.
Greene County	4	7:31 pm	?	?	1	1	0	0	Lightning Lightning struck two persons three miles north of Willard. One person was killed, and the other was taken to the hospital.
Chillicothe, Livingston County	17	6:30 pm	?	?	0	0	4	0	Lightning Lightning caused an estimated \$35,000 damage when it struck the city's power and water plants. Both plants were blacked out; all back-up generating equipment was knocked out, and the city water pumps shut down. The city's largest generating turbine suffered bearing damage, and new circuit breakers had to be installed.
Ray County	22	5:30 pm	?	?	0	0	4	0	Lightning Lightning caused a fire which completely destroyed the Jack Cox farmhouse and its contents which were scheduled to be sold at an auction two days later.
MISSOURI (continued)									
Audrain, Callaway, Franklin, Gasconade, Montgomery, and St. Charles Counties	23	6:45 am	?	?	0	0	4	3	Severe Thunderstorm A strong thunderstorm with damaging winds dumped heavy rain up to four to six inches in less than an hour in some locations, causing flash flooding. The result was water-filled basements, massive erosion of newly cultivated fields, washing out of crops, and water-covered roads. In some western sections of Mexico in Audrain County, water rose over streets to roof-top level on stalled cars. Wind damage over the counties was generally to trees and limbs with resulting power outages. However, in Sullivan and Benton City, additional damage was sustained. In Sullivan, Franklin County, a gust of wind peeled off the roof of a large shed belonging to Hall Brothers Lumber Company. The wind blew the roof over another building and scattered the metal supports and corrugated roofing into the street, causing minor damage to a car passing by. A block east of the shed, a telephone pole snapped midway, pulling wires from a nearby house. In Benton City, Audrain County, roofs were blown off small outdoor sheds, and trees were felled on top of cars and houses. At one time during the morning, a Benton City resident reported every street in town closed by either fallen trees or high water. In Farber, Audrain County, lightning struck the house of Lillian Crow. The bolt struck the doorbell on the front door, traveled through the two front rooms to the kitchen where it was a ball of fire for an instant. Wallpaper in the kitchen was scorched, and a large chunk of concrete on the northeast corner of the front porch was knocked out. On I-70 east of Kingdon City, Callaway County, a tractor-trailer was overturned by the high winds.
Owensville, Gasconade County	23	8:10 am	?	?	0	1	3	0	Lightning Alan Newman, an employee of Larry's Midtown Sinclair Service, was injured when lightning struck the nearby St. Peter United Church of Christ while Newman was talking on the telephone in the station's office. Newman said he had just answered the phone when the lightning bolt struck the northeast corner of the church's bell tower and steeple. "It felt like my ear was burning, and I saw a big ball of fire. The next thing I knew they were picking me up off the floor across the office from the telephone." The lightning moved a heavy corner capital decoration on the tower several inches off center and damaged the capital's pedestal and adjoining cornice. The same bolt of lightning, apparently following power lines, started a small fire in Kossman's Jewelry Shop. Kossman managed to extinguish the blaze with a fire extinguisher. The same storm was also blamed for the death of four head of cattle just north of Owensville. The owner of the cattle said he found them lying on the ground beneath a large tree that had apparently been struck by lightning. The cattle would have been worth about \$560 a head.
Concordia, Lafayette County	23	2:05 pm	?	?	0	0	4	0	Wind A heavy thunderstorm moved through Concordia, disrupting electrical power and inflicting some wind damage to an area west of the city. High winds uprooted trees and knocked down two Missouri Public Service Power poles along I-70. High winds also demolished a hay barn and damaged the ceiling in another building on the Ralph Phillips farm. At the Esther Limback farm, a tree fell onto a car.
Gentry, Wodaway, and Worth Counties	26	3 am	?	?	0	0	5	4	Severe Thunderstorm A thunderstorm with winds up to 80 mph did extensive damage in a three-county area. Insurance claims included the following: a few total losses to mobile homes, minor damage (\$100-\$200) to mobile homes, roof damage to houses and barns, farm buildings blown over, and hail damage to cars. Numerous farms in the three counties reported wind, hail, or wash-out damage to crops. Many cities were without power up to 18 hours, when lightning struck a transformer at the St. Joseph River and Light substation at Maryville, causing an estimated damage of between \$100-\$200 thousand when the entire station was engulfed in flames. Felled trees and broken limbs caused other power outages. The city of Maryville was hardest hit. Downtown, several businesses sustained roof damage, broken windows, and sign damage. Easter's Ben Franklin store lost most of its roof. The rain, plus another heavy downpour the following night, forced the management to inventory and ship out about \$100,000 in damaged merchandise to a salvage company. The north and south aluminum walls of the second story at the Union Carbide Plant were torn off, and a mobile home at 3 & E Mobile Homes was blown over and demolished. There was other general property damage to TV antennas, fencing, chimneys, and damage to cars and houses from falling trees. The Grant City area in Worth County also experienced damage. There, the entire roof of Sid Griff's Country Store & Bakery was blown off, and a nearby mobile home was destroyed. Jay Shipley of Worth County reported the only loss of life resulting from the storm. Shipley's barn shifted during the storm, causing the left partially filled with hay to collapse. Of the 45 hogs which had access to the barn, 17 were killed. Shipley and neighbors had to cut through the barn to free the hogs. Kenneth Lambert received wind damage to almost every building on his farm and extensive damage to the inside of his house. Some interior walls were believed to have been shifted, and doors throughout the house were flung through the door facing while still hinged. Several mobile homes lost their roofs.
St. Charles County	30	1:30 pm	?	?	0	1	4	0	Wind Strong winds in a thunderstorm struck the harbor area of Portage des Sioux, wrecking boats and docks and knocking down power poles and trees. Resident and boaters in the area said that up to 25 boat docks were damaged. Palisades Harbor, owned by Leo Skrabacz, appeared to be worst hit. A 245-foot-long boat dock was lifted and dropped onto the parking lot of the harbor. Frank Clunk of St. Louis was lifted along with the dock. He suffered minor injuries when he was hurled to the pavement. A 2-inch diameter steel flag-pole was bent almost in two.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MONTANA									
Dawson County	1	6PM	?	?	0	0	5	0	Tornado
		A tornado destroyed a large barn							
Yellowstone County	4	12:30 PM	?	?	0	0	0	0	Funnels
		Two funnels were observed by National Weather Service employees 14 miles northwest of Billings.							
Garfield County	6	afternoon			0	0	5	?	Hail, Wind
		Golfball size hail broke windows in homes and a high school in Jordan. Strong winds blew down trees.							
Wibaux County	14	afternoon			0	0	5	0	Wind
		An intense thunderstorm destroyed a large barn northwest of Wibaux and twisted tops off power poles.							
Dawson County	14	6:30 PM			0	0	0	0	Wind
		Strong winds estimated more than 60 miles an hour blew down trees.							
Carter, Powder River Custer Counties	15	evening			0	0	6	5	Hail, Wind
		An intense hail storm averaging baseball size killed over 200 sheep, broke windshields, and broke windows on homes. One hailstone was reported to have weighed six pounds. Heavy crop damage was reported.							
Daniels County	23	Afternoon			0	0	0	0	Lightning
		Seven cows were killed by lightning							
Fergus County	24	3:45 PM			0	0	5	5	Hail
		Two-inch hail was observed at Lewistown damaging crops and tearing down power lines.							
Garfield County	24	evening			0	0	0	5	Hail; rain
		An intense thunderstorm destroyed several hundred acres of crops.							
Wheatland County	24	evening	?	?	0	0	5	0	Tornado
		A tornado lasting about 4 minutes touched down in Harlowton damaging a school, homes, and uprooting trees.							
Highorn County	24	evening	?	?	0	0	5	0	Tornado
		Public reported a possible tornado totally demolished a mobile home and uprooted large cotton wood trees near Harlowton.							
Toole County	28	10 PM	?	?	0	0	0	0	Funnel
		Public reported funnel clouds 10 miles west of Shelby							
Cascade County	28	evening							Hail
		One to two inch hail and heavy rain was observed 2 miles west of Vaughn.							
Cascade County	29	evening	?	?	0	0	0	0	Funnel
		Public reported a funnel cloud 4 miles southwest of Great Falls							
Lake County	30	noon			1	0	0	0	Lightning
		A nine year old boy was struck and killed by lightning near St. Ignatius.							
Hill County	30	4:30 PM			0	0	0	0	Hail
		Golf ball size hail was reported in downtown Havre.							
NEBRASKA									
Dundy County	3	Evening			0	0	4	0	Damaging Winds
		Winds in thunderstorms estimated to 100 m.p.h. downed trees and power lines and damaged homes in Benkelman.							
Pawnee County	7	Evening			0	0	4	0	Lightning
		Fire started by lightning destroyed a barn and contents near Pawnee City.							
Lancaster County	10	3:30 PM			0	0	3	0	Damaging Winds
		Winds gusting to 45 m.p.h. knocked down a tree limb which damaged a power line in southeast Lincoln.							
Scottsbluff County	16	5:45 PM			0	0	3	3	Hail
		One inch hail fell 5 miles northwest of Scottsbluff.							
Dawes and Sheridan Counties	16	6:30 PM			0	0	3	5	Hail
		Hail upwards to 2 inches in diameter fell damaging wheat crops and breaking windows.							
Deuel County	16	Early Evening			0	0	3	6	Hail
		Hail damaged wheat north of Big Springs.							
Cherry County	16	7:30 PM			0	0	4	4	Hail
		One and three quarters inch hail was reported around Merriman breaking windows and damaging crops.							
NEBRASKA (continued)									
Cherry County	16	8:30 PM	3/4	15	0	0	0	0	Tornado
		Tornado was sighted near Big Alkali Lake seventeen miles south of Valentine.							
Scottsbluff, Moxhill and Box Butte Counties	17	12:00 AM - 1:25 AM			0	0	4	5	Hail
		One and a half inch hail was reported around Gering, Lyman, Minatare and Bayard damaging crops and breaking windows.							
Cherry County	17	Early Morning			0	0	3	5	Hail
		Hail upwards to 1 3/4 inches fell near Merriman, 15 miles south of Kilgore and 13 miles south of Valentine. Windows were broken at Merriman.							
Hooker, Thomas, Arthur, McPherson, Logan, and Custer Counties	17	3:00 AM - 5:30 AM			0	0	6	6	Hail and Damaging Winds
		Thunderstorms produced hail up to 1 and 3/4 inches and wind gusts to 70 m.p.h. which toppled trees, flattened crops, smashed windows in homes and vehicles, and killed and injured livestock. Particularly hard hit was the Stapleton area where hogs were killed and a building was demolished and the Arnold and Broken Bow region where windows were smashed and roof damage occurred. Sixty windows were broken at a ranch southwest of Arnold.							
Cedar, Dixon and Dakota Counties	17	3:15 AM - 4:30 AM			0	0	6	7	Hail and Damaging Winds
		High winds downed trees and hail up to 2 1/2 inches fell breaking windows and causing extensive damage to vehicles, buildings and crops. Hardest hit was a swath from north of Dixon east to South Sioux City. Allen reported 95 percent of the west windows in town broken. South Sioux City had damage to around 200 dwellings along with cars. Estimated 600 farms were affected by the storm.							
Furnas and Harlan Counties	19	5:00 PM - 6:30 PM			0	0	3	5	Hail
		Hail one and three quarters inches in diameter was reported in the Edison and Oxford area damaging crops.							
Polk County	19	6:15 PM			0	0	2	4	Hail
		Three-quarter inch hail fell at Osceola.							
Phelps County	19	6:25 PM			0	0	3	0	Damaging Winds
		Strong thunderstorm winds blew over a camper at Holdrege.							
Fillmore, Saline, Nuckolls, Lancaster, Thayer, Jefferson and Gage Counties	19	6:50 PM - 8:30 PM			0	0	6	5	Damaging Winds
		Sixty to ninety m.p.h. winds accompanied thunderstorms felling trees, disrupting utilities and causing damage to windows and buildings on farms and in cities. Farm buildings were blown down around Cortland and Hickman. At Hallam 20 cooling towers at a power plant were destroyed.							
Gage County	19	6:55 PM			0	0	0	0	Funnel Cloud
		Funnel cloud was reported 2 miles north of Beatrice.							
Dawson County	19	7:00 PM			0	0	0	0	Funnel Cloud
		Funnel cloud was sighted southeast of Overton.							
Gage County	19	7:15 PM	1/2	10	0	0	4	0	Tornado
		Tornado touched down briefly 10 miles north of Beatrice.							
Fillmore County	19	7:15 PM	4	5	0	0	6	5	Tornado
		Tornado touched down 1 mile east of Ohiowa and moved northeast damaging or destroying buildings on 7 farms. Some livestock killed.							
Gage County	19	7:40 PM			0	0	0	0	Funnel Cloud
		Funnel cloud was sighted 1 mile southwest of Beatrice.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
NEBRASKA (continued)										
Lancaster County	19	7:50 PM			0	0	0	0		Funnel Cloud
					Funnel cloud was reported 1 mile northwest of Firth.					
Dodge, Washington, Saunders, Douglas Sarpy and Cass Counties	19	7:45 PM - 9:00 PM			0	1	6	4		Damaging Winds
					Winds to 80 m.p.h. knocked down trees and utility lines disrupting power along with damaging buildings. The roof was torn off a nursing home in Papillion and an appliance store in Bellevue sustained damage. Three planes were flipped over at the Hillard Airport. One person was injured in Sarpy County when a car went off a bridge, damaged by a tree.					
Washington County	19	8:00 PM			0	0	0	0		Funnel Clouds
					Funnel clouds were reported 6 miles west of Herman and 5 miles northwest of Elair.					
Washington County	19	8:00 PM - 8:30 PM			0	0	4	0		Lightning
					Lightning struck and set fire to a home 5 miles north of Kennard and heavily damaged a barn near Herman.					
Douglas County	19	8:20 PM			0	0	0	0		Funnel Clouds
					A number of funnel clouds were reported in the Omaha area.					
Otoe, Johnson, Nemaha and Pawnee Counties	19	8:00 PM - 9:00 PM			0	0	5	0		Damaging Winds
					Winds to 70 m.p.h. in thunderstorms downed trees and utility lines and damaged buildings. Grain elevator at Talmage was damaged and an apartment at Syracuse had part of the roof removed.					
Cheyenne and Deuel Counties	21	4:15 PM - 5:00 PM			0	0	3	6		Hail
					Hail up to 1 1/2 inches cut a 4 to 6 mile swath from near Dalton to south of Chappell causing extensive damage to crops, and windows.					
Cherry County	21	5:30 PM			0	0	2	5		Hail
					Hail up to 1 1/2 inches occurred 50 miles southwest and 25 miles south of Valentine.					
Holt County	21	6:00 PM			0	0	3	5		Hail and Damaging Winds
					Two inch hail and wind gusts 70 to 80 m.p.h. in thunderstorms damaged crops and buildings and downed trees.					
Keya Paha, Brown and Rock Counties	21	6:00 PM - 7:00 PM			0	0	5	6		Hail and Damaging Winds
					Strong winds and hail to 1 and 3/4 inches in diameter in thunderstorms broke trees, damaged crops and buildings. A boat and trailer were damaged west of Ainsworth and considerable damage to roofs and windows was reported at Norden.					
Brown County	21	6:15 PM	3/4	30	0	0	0	3		Tornado
					A tornado was reported 8 miles northwest of Ainsworth near the airport.					
Chase County	21	6:30 PM			0	0	0	4		Lightning
					Lightning was the cause of a grass fire north of Imperial.					
Valley County	21	9:15 PM	1/4	20	0	0	1	3		Tornado
					A tornado touched down briefly 5 miles west of Ord causing minor damage.					
Sherman, Howard, Valley and Hall Counties	21	9:50 PM - 11:30 PM			0	0	6	7		Hail and Damaging Winds
					Hail up to 2 inches in diameter cut a swath from Ashton to south of Wood River causing extensive crop and property damage. Window damage to homes and vehicles occurred at Ashton and Wood River along with damaged roofs. Livestock injured at Boelus.					
Boone County	21	10:00 PM			0	0	6	0		Lightning
					Fire started by lightning destroyed a large implement dealership in St. Edward.					
NEBRASKA (continued)										
Adams County	21	11:00 PM - 12:00 AM			0	0	2	3		Hail
					Hail up to 1 inch in diameter damaged crops and vehicles along with breaking windows at farms.					
Adams County	21	11:00 PM - 11:45 PM			0	0	0	0		Funnel Clouds
					Funnel clouds were reported around Keresaw, Juniata and Hastings.					
Seward County	22	1:00 AM			0	0	3	0		Lightning
					Lightning damaged the electrical system at the Seward wastewater treatment plant.					
Madison, Stanton, Wayne, Gering and Burt Counties	22	12:50 PM - 1:30 PM			0	0	4	0		Damaging Winds
					Winds gusted to around 65 m.p.h. in thunderstorms. A roof was lifted off a mobile home near Beemer and a barn blown down around Bancroft.					
Scottsbluff County	23	3:30 PM			0	0	2	0		Damaging Winds
					Wind gusts to 50 m.p.h. Downed some trees northeast of Scottsbluff.					
Scottsbluff County	23	4:00 PM - 5:00 PM			0	0	3	5		Hail
					Hail caused moderate damage to fields from Lyman to Mitchell.					
Dawes County	23	4:15 PM - 5:30 PM			0	0	2	6		Hail
					Hail up to 1 1/2 inches in diameter fell from 5 miles north of Crawford to 8 miles south of Chadron damaging crops. Hail drifted to 8 inches in depth.					
Dixon County	24	5:00 AM			0	0	3	0		Damaging Winds
					Strong winds toppled trees in Ponca. A number damaged homes as they fell.					
Sherman County	24	5:00 PM - 6:15 PM			0	0	4	5		Hail
					Hail up to 1 and 3/4 inches fell around Loup City and Ashton damaging crops, vehicles and windows.					
Scottsbluff County	24	Early Evening			0	0	3	6		Hail
					Hail caused severe damage to crops south and west of Stegall.					
Scottsbluff County	24	11:05 PM			0	0	2	0		Damaging Winds
					Winds gusted to around 60 m.p.h. at Scottsbluff causing minor property damage.					
Buffalo County	25	12:05 AM			0	0	3	0		Damaging Winds
					Strong winds in a thunderstorm blew a tin roof off a building 10 miles north northwest of Riverdale. Large canopy over a stage collapsed north of Kearney.					
Antelope County	25	1:45 AM			0	0	2	0		Damaging Winds
					Thunderstorm winds blew down trees at Gakdale.					
Brown, Rock and Keya Paha Counties	25	2:35 AM			0	0	6	7		Damaging Winds and Hail
					Winds to 80 m.p.h. and hail in thunderstorms created extensive crop and property damage along with knocking down trees and breaking utility lines. Thirty irrigation systems were severely damaged along with 15 power poles. Farms sustained damage to storage and grain bins. Hail damaged crops.					
Stanton County	25	4:30 AM			0	0	2	0		Damaging Winds
					Sixty m.p.h. winds in thunderstorms caused minor damage northeast of Stanton.					
Dawes County	25	2:20 PM - 3:00 PM			0	0	0	0		Funnel Clouds
					Numerous funnel clouds were sighted west and north of Chadron.					

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)		NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
			WIDTH OF PATH (YARDS)	LENGTH OF PATH (MILES)	KILLED	INJURED	PROPERTY	CROPS	
NEBRASKA (continued)									
Sheridan County	25	3:30 PM - 3:45 PM	6	300	0	8	6	2	Tornado
Tornado touched down northwest of Gordon and moved east-southeast through the town. Four businesses were destroyed. A school and 15 homes were severely damaged. At least 8 people were injured. Numerous trees, telephone and power lines were downed.									
Cherry County	25	4:50 PM	?	?	0	0	3	4	Tornado
A tornado was reported 10 to 15 miles west of Cody.									
Cherry County	25	5:35 PM			0	0	2	4	Hail
Hail 1 inch in diameter was reported in the Valentine area.									
Keya Paha, Rock and Brown Counties	25	6:15 PM - 7:30 PM			0	0	3	6	Damaging Winds and Hail
Strong winds in thunderstorms hit area knocking down trees and utility lines. Hail damaged crops west of Ainsworth.									
Boyd, Knox and Holt Counties	25	8:00 PM - 8:30 PM			0	0	6	4	Damaging Winds
Strong winds up to 100 m.p.h. in thunderstorms blew down trees and damaged buildings. At Nebraska winds blew part of roof off fertilizer plant and flattened 3 garages. Santee had damage to power equipment and a mobile home. An eighty ton crane was damaged at Gavins Point Dam. A trailer was overturned at Spencer.									
Pierce County	25	8:55 PM			0	0	0	0	Funnel Cloud
Funnel cloud was reported near Osmond.									
Buffalo County	25	11:00 PM			0	0	3	3	Damaging Winds
Strong winds in thunderstorm damaged farm out-buildings 5 miles northeast of Kearney.									
Cass, Otoe, Gage, Johnson, Nemaha, Pawnee and Richardson Counties	26	1:00 AM - 2:10 AM			0	0	6	5	Damaging Winds
Thunderstorm winds gusting 70 to 95 m.p.h. downed trees and power lines and damaged buildings. Particularly hard hit was the area around Pawnee City where the county fair grandstand was blown down. A barn was blown down near Elk Creek.									
Lancaster County	26	2:00 AM			0	0	3	0	Lightning
Fire started by lightning damaged a home in Lincoln.									
Jefferson County	26	2:00 AM			0	0	4	0	Lightning
Fire started by lightning destroyed a barn 5 miles south of Plymouth.									
Buffalo County	28	2:00 AM			0	0	2	4	Hail
Hail up to 1 inch in diameter fell 1 mile east of Miller causing some crop damage.									
Lancaster County	30	Early Morning			0	0	3	0	Damaging Winds
Strong winds in thunderstorms damaged grain bins and toppled trees on farms northeast of Malcolm.									
Lincoln County	30	Afternoon			0	0	0	5	Lightning
Prairie fire set by lightning burned approximately 700 acres of rangeland 15 miles northwest of North Platte.									
Hamilton, Clay, Fillmore and York Counties	30	4:00 PM - 4:45 PM			0	0	4	6	Damaging Winds and Hail
One inch hail and winds to 60 m.p.h. damaged farm outbuildings, downed trees and damaged crops. Particularly hard hit were the areas around Grafton and north of Sutton.									
Butler and Saunders Counties	30	5:00 PM - 6:30 PM			0	0	5	6	Damaging Winds and Hail
Winds to 60 m.p.h. and 1/2 inch hail battered crops, toppled trees and power lines and blew down three barns.									
NEBRASKA (continued)									
Douglas and Washington Counties	30	6:45 PM - 7:30 PM			0	0	3	4	Damaging Winds
Winds to 60 m.p.h. and 1 3/4 inch hail downed trees, damaged crops and some light farm buildings. Most damage around Bennington.									
Johnson County	30	7:00 PM			0	0	3	0	Damaging Winds
Strong winds in a thunderstorm blew the roof off a barn south of Tecumseh.									
NEVADA									
Reno Area	27	Afternoon			0	0	5	0	Wind Storm
High winds caused power outage damage to roofs and trees. At 3 PM a peak gust of 46 mph was recorded at the Reno Airport. Higher gusts were estimated in outlying areas.									
NEW HAMPSHIRE									
Portsmouth	9	4 pm	1/2	25	0	0	2	0	Tornado
Small tornado passed south of Phase Air Force Base. Did not touch any inhabited areas. Only minor damages. P P P 0 - 1									
Northern Coos and Grafton Counties	19	7-8 pm	-	-	0	2	6	5	Thunderstorms, Cloudbursts
Severe thunderstorms dumped 3 to 4 inches of rain in less than one hour. Accompanied by winds in excess of 50 knots. Two persons injured by lightning. Severe flash floods caused damage to roads and flooded residences. Downed trees broke power lines. Lightning caused fires and damaged buildings. About one million damage including \$125,000 to agriculture.									
New Boston	19	4:45 pm	1 1/2	100	0	0	3	0	Tornado
Mini tornado touched down near New Boston causing only minor damages. One inch hail reported. Heavy rain, 1/2 inches in one hour. P P P 0 1 2									
Colebrook	27	Late eve.	-	-	0	0	4	3	Thunderstorm
Heavy thunderstorms with heavy rain, high winds, and lightning. Rain caused flash floods, washed out roads. Lightning set fires and winds caused tree damage and resulted in power outages.									
Statewide	29	Aftn-eve.	-	-	0	0	4	2	Thunderstorms
Portsmouth reported gusts to more than 50 knots. Heavy rain in northern Carroll and Coos Counties. 1 3/4" hail on Mt. Washington.									
NEW JERSEY									
Burlington County	19	3 pm			0	0	?	?	Lightning & Thunderstorms
Electrical storm lasted 17 hours causing a massive power outage.									
Southwest, Cumberland County	19	4:30p			0	0	?	6	Lightning & Thunderstorms, Hail
Golf ball size hail fell causing an estimated amount of damage to crops.									
Atlantic City and Cape May	22	overnight			0	0	?	?	Funnel Clouds & High Winds
High winds and Funnel Clouds formed a storm which destructively ripped apart more than a dozen trees on the Hopewell Club's golf course and left without electricity for about two hours. An alert was sounded after radar disclosed indication of a funnel cloud 25 miles southwest of Atlantic City.									
NEW MEXICO									
Near Texico, Curry County	1	3:35p			0	0	0	0	Funnel Cloud
Funnel aloft reported by public.									
Cedar Crest, Bernalillo County	1	4:00p			0	0	?	?	Large Hail
Hail near 1" diameter briefly reported with thunderstorm.									
Near Artesia, Eddy County	2	2:30p			0	0	?	0	Lightning
Numerous lightning strikes set afire several petroleum tank batteries.									
14 Miles West of Santa Rosa, Gaudalupe County	4	2:00p	2	?	0	0	0	0	Tornado
Tornado left discernible track through two miles of rangeland and small timber.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW MEXICO (continued)									
Near Roswell, Chaves County	4	Afternoon			0	0	?	0	Funnel Clouds
At least two funnel clouds seen near Roswell.									
Hagerman, Chaves County	4	Evening			0	0	3	4	Hailstorm
Severe hailstorm broke windows, damaged structures and ruined hundreds of acres of crops. Most hail golfball size but some reported to baseball size. Accumulations on the ground to 2 1/2 feet.									
Espanola, Rio Arriba County	5	2:00p			0	0	5	?	Hailstorm
Brief Hailstorm and heavy rain caused extensive property damage and crop loss. Hail was 1/2" diameter or less.									
Near Artesia, Eddy County	5	4:00p							Funnel Cloud
Funnel aloft seen moving southeast.									
Near Milnesand, Roosevelt County	6	3:00p			0	0	0	0	Funnel Clouds
At least 5 funnel clouds seen. No damage.									
Artesia, Chaves County	19	Afternoon			0	0	3	0	Lightning
Lightning ignited gasoline in large refinery storage tank.									
Mosquero, Harding County	27	Afternoon			0	0	4	?	Hail
Hail, up to golfball size, shattered windows throughout community of 400. Some garden crop damage also.									
Tatum, Lea County	28	Afternoon			0	0	4	0	Lightning
Lightning ignited fires in petroleum tank battery.									
Albuquerque, Bernalillo County	29	11:45a			0	0	0	0	Funnel Clouds
About 5 funnel clouds seen from International Airport and other southeastern parts of city. No damage.									
NEW YORK COASTAL									
White Plains, Greenburgh Area	1	Evening			0	0	?	?	Lightning and Thunderstorms
Several homes were left without electricity for more than three hours when lightning and winds knocked down utility wires and shorted out circuits.									
Scarsdale	1	Evening			0	0	?	?	Lightning and Thunderstorms
Lightning dislocates family. A three story 40 year old stucco house was struck by lightning, which made an enormous hole in roof. Smoke and water damaged the other parts of the house.									
NEW YORK CENTRAL EASTERN									
	2	6P-11P			0	0	4	"C	SEVERE THUNDERSTORMS
HEAVY RAIN, STRONG WINDS, AND LIGHTNING CAUSED NUMEROUS DOWNED TREES AND POWERLINES WITH WIDE SPREAD POWER OUTAGES. LIGHTNING CAUSED SEVERAL STRUCTURE FIRES THROUGHOUT THE AREA. AS MUCH AS 2" OF RAIN WAS REPORTED IN SEVERAL LOCATIONS WITHIN A HALF HOUR PERIOD. ALSO, HAIL WAS REPORTED UP TO BASEBALL SIZE IN BALLSTON SPA, SARATOGA CO., AND 1-1/4 INCH SIZE HAIL IN SOUTHEAST WARREN COUNTY.									
AREAWIDE	19	5P-11:30P			1	0	4	"C	SEVERE THUNDERSTORMS
THUNDERSTORMS CAUSED NUMEROUS POWER OUTAGES. WINDS TO 40MPH, HEAVY RAIN AND SEVERAL POSSIBLE SMALL TORNADOES. LIGHTNING STRUCK AND DOWNED MANY TREES AND POWERLINES, RESULTING IN THE DEATH OF A COW. LIGHTNING ALSO STRUCK AND KILLED A MAN IN BREWSTER, PUTNAM COUNTY WHILE STANDING UNDER A TREE. SEVERAL STRUCTURE FIRES WERE ALSO A RESULT OF THE VIVID LIGHTNING. GOLFBALL SIZE HAIL WAS ALSO REPORTED IN SEVERAL LOCATIONS.									
FULTON COUNTY	27	7P	3	333	0	0	6	"C	TORNADO
AT BLEEKER, NEAR GLOVERSVILLE, HUNDREDS OF TREES WERE DOWNED BY A CONFIRMED TORNADO. A POLE BARN WAS TOSSED ACROSS A FIELD SOME 1000 FEET AWAY. MINOR DAMAGE WAS REPORTED TO HOMES AND BUILDINGS IN THE AREA. NO FATALITIES RESULTED.									
AREAWIDE	27	6P-11P			1	0	4	"C	THUNDERSTORMS
HEAVY RAIN AND STRONG WINDS IN THUNDERSTORMS WHICH SPANNED THE ABOVE MENTIONED TORNADO, CAUSED MINOR FLOODING AND NUMEROUS DOWNED TREES AND POWERLINES. AT 8:20 PM A TEENAGER WAS STRUCK AND KILLED BY LIGHTNING IN POTSDAM, ST. LAWRENCE COUNTY.									
NEW YORK WESTERN									
Lewiston, Niagara County	12	5:00 P.			0	3	4	0	Severe Thunderstorm
Thunderstorm with wind gusts estimated to 60 mph or higher, with frequent lightning and heavy rain, moved over Lewiston and nearby Youngstown overturning large trees, knocking out power lines and briefly closing roads. Minor injuries occurred to 3 passengers of a car struck by a falling tree on Niagara Parkway in Ontario across the Niagara River. A large steel bar was destroyed by wind on Harbid Road in Lewiston.									
Naples, Ontario County	27	3:45 p.			0	0	4	"C	Severe Thunderstorm with hail and high winds
Severe thunderstorm with high winds and golf-ball size hail struck the village of Naples. Trees were blown down by high winds. Many windows were broken and aluminum siding was riddled with dents by the hail. This storm is probably the same one that produced a tornado in Dresden to the east/northeast later in the afternoon.									
Dresden, Yates County	27	4:05 p.th 4:30 p.			0	0	6	"C	Tornado
A tornado in a squall line of thunderstorms, some possibly severe, touched down in Dresden and then moved eastward on a quarter-mile track eastward across Seneca Lake to Hayts Corners near Romulus. The tornado probably touched down several times on this track. Many houses in both towns were damaged. Thousands of trees were blown down. Many power lines were knocked out. Damages were estimated to over one million dollars to property and homes along the tornado track.									
NORTH CAROLINA									
Onslow County	1	2:00 PM					4		Lightning
Four people were hurt, one seriously, in two separate incidents at Camp LeJeune.									
Onslow County	1	1:15 PM							Funnel Cloud
A funnel cloud with large hail was sighted near the Cape Fear River 5 miles SE of Jacksonville.									
Bertie County	3	2:30P	3/4	85	0	0	5	5	Tornado
A tornado skipped through Windsor damaging trees, houses, utility lines buildings causing over \$100,000 damage.									
Robeson County	3	4:00 PM	1/3	25	0	0	3	3	Tornado
A tornado touched down briefly in the Midway community on US 501 southeast of state 63. There was some damage to farm bldg., utility lines and crops.									
Pasquotank County	3	Late After	6	1000	0	0	0	5	Thunderstorm
A thunderstorm with winds over 100 mph & golf ball size hailstones cut a path across the county from Little River to Pasquotank River near Weaverville. Several hundreds of thousands of dollars of crops were destroyed. Soybeans, cabbage, corn & small grains such as barley, oats & wheat were destroyed or severely damaged. The path was 5 to 6 mi long & up to 1 mile wide.									
Nash - Edgecombe County Line	3	6:15pm	1/4	20yd.	0	0	3	3	Tornado
A tornado touched down briefly 2 miles south of Whitakers off US 501. Some farm buildings & trees were damaged.									
Wake County	5	8:30pm			1	1			Lightning
A boy was killed in Knightdale as he stood in the door in a garage. About 10 minutes earlier his father was hit while outside the building working on some equipment.									
Union County	6	5:30pm	1/3	35yd.	1	4	3		Tornado
A tornado touched down briefly in New Salem causing thousands of dollars damage and injuring one woman. A mobile home, greenhouse, farm building and gardens were damaged by nickel size hail and strong winds.									
Rockingham County	22	4:00pm			0	1			Lightning
A Stoneville woman was injured & hospitalized when struck by lightning.									
Wake County	22	2:30pm	6	?	0	0	3	3	Hail
A thunderstorm with one inch hail moved SE from North of Raleigh to the Knightdale Wendell area. Minor damage to buildings & crops reported.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH CAROLINA (continued)									
Rockingham County	22	3:00pm			0	0	3	3	Hail
		Golf ball sized hail fell in a storm moving from the Reidsville area SE to near US 29. Minor damage.							
Surry & Stokes County	22	3:30	5 mi.	?	0	0	4	5	Thunderstorm
		A severe thunderstorm moved from around Pilot Mountain SE to King. Golf ball sized hail damaged crops & buildings. Hail was reported up to 1 foot deep. The temperature dropped from 90° to 69° and fog developed. Windows were broken, screens torn, aluminum siding dented and house paint chipped. Tobacco, corn & garden plants were destroyed & damaged. Crop damage was well over \$100,000.							
Guilford County	22	4:00pm			0	0	3	3	Hail
		One inch hail fell at the Greensboro Airport. The storm moved over the city where 3/4 inch was reported.							
Durham County	22	4:00pm			0	0	3	3	Hail
		One inch hail fell at a golf course in the city of Durham.							
Gaston County	22	6:30pm			0	0	3	3	Hail
		One inch hail reported with some minor damage in Dallas.							
Gaston County	22	6:45pm			0	0	4	3	Hail
		Golf ball sized hail in Gastonia with winds up to 75 mph. Minor damage to building & utility lines.							
Duplin County	22	9:45pm			0	0	0	0	Hail
		Large hail reported at Warsaw.							
Stanly County	22	8:00pm			0	0	3	3	Hail
		Golf ball sized hail hit near Richfield denting cars, breaking windows & damaging trees.							
Rockingham County	24	unknown				1			Lightning
		A Reidsville man was severely injured when he was struck by lightning.							
Randolph County	24	5:00pm	4mi.	17yd.	0	0	4	3	Wind
		A thunderstorm with wind up to 100 mph moved from Randleman to the north side of Asheboro. Utility lines, trees, 6 trailers and crops were damaged.							
Iredell County	24	9:00pm	3mi.	25yd.	3	5	4		Tornado
		A tornado formed over Lake Norman and moved across a marina to near Mount Murne. The marina, building & slip were damaged. Boats were damaged & sunk; trailers & utility lines were damaged. The trees in a peach orchard was stripped. A woman's face was beat-up by hail; others were injured from flying debris. Golf ball sized hail was reported.							
Stanly County	24	10:00pm			0	0	4	4	Wind
		A thunderstorm with winds up to 80 mph moved thru the North side of Albemarle. There was damage to some houses, utility lines & trees.							
Catawba County	25	6:30pm			0	0	?	?	Hail
		Large hail reported in Hickory.							
Hyde County	28	7:30pm							Funnel Cloud
		A funnel cloud was over the Swanquarter National Wildlife Refuge.							
Onslow County		night time				1			Lightning
		A Swansboro youth was killed by lightning while sitting in his bedroom. The lightning followed the electric circuit into the house.							
NORTH CAROLINA									
Beach (Golden Valley Co)	9	8:36 p	--	--	--	--	--	--	Funnel
Medora (Billings Co)	9	8:55 p	--	--	--	--	--	--	Funnel
New Town (Hountrall Co)	9	9:17 p	--	--	0	0	?	?	Wind
		85 mph wind gust.							
NORTH DAKOTA (continued)									
2S Lignite (Burke Co)	9	9:23 p	?	?	0	0	0	0	Tornado
		Touched down briefly - no damage.							
6S Minot (Ward Co)	9	10:28 p	--	--	--	--	--	--	Funnel
Max (McLean Co)	9	10:51 p	--	--	--	--	--	--	Funnel
1/2S Stanton (Mercer Co)	9	10:52 p	--	--	--	--	--	--	Funnel
12N Turtle Lake (McLean Co)	9	10:54 p	--	--	--	--	--	--	Funnel
5N Harvey (Wells Co)	11	3:00 p	--	--	--	--	--	--	Funnel
3S Underwood (McLean Co)	11	3:40 p	--	--	--	--	--	--	Funnel
Southern McKenzie County	14	11:30 p	--	--	0	0	?	?	Hail
		One inch diameter.							
Taylor (Stark Co)	15	12:20 a	--	--	0	0	3	3	Wind
		76 mph wind gust.							
New England (Hettinger Co)	15	12:38 a	--	--	0	0	?	?	Wind
		60 mph gust.							
NW Corner New England (Hettinger Co)	15	1:25 a	1/4	10	0	0	3	?	Tornado
		Trees and fences down.							
Lefor (Stark Co)	15	1:30 a	1/4	10	0	0	2	?	Tornado
		Trees uprooted - small building damaged.							
New Salem (Morton Co)	15	2:03 a	--	--	0	0	2	?	Wind
		55 mph - tree down.							
2-1/2N Bismarck (Burleigh Co)	15	2:41 a	--	--	--	--	--	--	Funnel
Bismarck (Burleigh Co)	15	2:48 a	--	--	0	0	3	0	Wind
		60 mph gust.							
Baldwin (Burleigh Co)	15	2:48 a	--	--	0	0	2	0	Wind
		80 mph gust - trees uprooted, damage to small buildings.							
St. Anthony (Morton Co)	15	11:30 a	--	--	0	0	4	0	Wind
		Wind gusts over 60 mph - roof tipped off church.							
Douglas (Ward Co)	15	3:15 p	--	--	0	0	?	?	Hail
		Golf ball size.							
5S Roseglen (McLean Co)	15	5:15 p	?	?	0	0	0	?	Tornado
		Touched down briefly - no damage.							
2E Napoleon (Logan Co)	15	7:16 p	1	20	0	0	0	3	Tornado
		No property damage, minor crop damage.							
Napoleon (Logan Co)	15	7:25 p	--	--	0	0	4	4	Hail
		Baseball size - considerable damage to roofs - windshields and windows broken.							
Streeter (Stutsman Co)	15	7:42 p	--	--	0	0	4	4	Hail
		Golf ball size.							
3 mile wide area Southern Adams Co.	15	7:10 p	--	--	0	0	5	4	Wind - hail
		50-70 mph wind with large hail.							
7N Hettinger (Adams Co)	15	7:58 p	--	--	0	0	--	--	Funnel
10S Elgin (Grant Co)	15	8:46 p	--	--	0	0	?	?	Funnel - Hail
		Plum size hail.							
4S Wilton (Burleigh Co)	15	9:25 p	?	?	0	0	0	0	Tornado
		No damage.							
LaMoure (LaMoure Co)	15	9:25 p	--	--	0	0	4	4	Hail
		Baseball size.							

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA (continued)										NORTH DAKOTA (continued)									
Montpelier (Stutsman Co)	15	10:20 p	--	--	0	0	3	3	Hail	1E Glen Ullin (Morton Co)	30	3:42 p	--	--	-	-	-	-	Funnel
		Golf ball size.								9N Elgin (Grant Co)	30	5:45 p	?	?	0	0	0	0	Tornado
Strasburg (Emmons Co)	15	10:28 p	--	--	0	0	3	4	Hail			Touched down briefly, no damage.							
		50 mph wind - trees down - power outage.								4W Underwood (McLean Co)	30	6:03 p	--	--	-	-	-	-	Funnel
16W Linton (Emmons Co)	15	11:24 p	--	--	0	0	4	4	Wind, Hail	OHIO									
		Small buildings damaged, some crop damage.								Sugarcreek, Tuscarawas County	7	5 PM	1/2	50	0	1	5	0	Tornado
McIntosh Co.	15	11:30 p	--	--	0	0	4	4	Wind, Hail			A tornado touched down in a rural area damaging some houses and a number of farm buildings. One woman was cut by flying glass.							
		60 mph wind with one inch hail. Twelve farms damaged.								Cuyahoga Falls, Summit County	7	515 PM	1	70	0	0	6	0	Tornado
SE Sargent Co.	16	12:30 a	--	--	0	0	5	4	Wind			A funnel cloud was spotted west of the city and later touched down in the city damaging downtown businesses and some municipal buildings.							
		Considerable farm building damage. Some urban building damage.								Hillsboro, Highland County	7	550 PM	1/2	40	0	0	4	0	Tornado
Lidgerwood Area (Richland Co)	16	12:45 a	--	--	0	0	5	4	Wind			A tornado touched down in this rural area overturning a mobile home and damaging farm buildings.							
		Damage to farm dwellings and machinery.								2 miles south of Niles, Trumbull County	7	555 PM	3	50	0	0	6	0	Tornado
Edgeley (LaMoure Co)	16	6:15 a	--	--	0	0	3	3	Hail, Wind			A tornado first touched down on State Route 46 and then did hit-skip damage eastward into MacDonald. A warehouse suffered extensive damage and there was lesser damage to homes and the high school football stadium in MacDonald.							
		One inch diameter hail - tree downed.								Alliance, Stark County	7	6 PM	-	-	0	0	4	0	Funnel Cloud High Winds
11N Columbus (Burke Co)	16	8:50 p	--	--	-	-	-	-	Funnel			A funnel cloud was observed by many people as it moved over the city. Significant tree damage was done and numerous utility lines were downed.							
10S Vela (McHenry Co)	16	10:05 p	--	--	-	-	-	-	Funnel	2 miles NNW of Cambridge, Guernsey County	7	855 PM	3/4	100	0	6	6°	C	Tornado
5W Bowman (Bowman Co)	22	1:17 p	--	--	-	-	-	-	Funnel			A tornado touched down demolishing a mobile and doing significant damage to nearby buildings. Six residents of the mobile home were injured, one critically.							
5W Atkabo (Divide Co)	23	8:17 p	--	--	0	0	?	?	Hail	Meigs County	7	7-9 PM	-	-	0	0	6°	C	Heavy Rain
		Golf ball size.										A cloudburst occurred in this county with 4.2 inches of rain falling in 2 hours, most of it from 9-9:30 PM EDT. Water rose in much of the county causing extensive damage to crops and buildings and their contents. Some homes were moved on their foundations. A number of livestock were reported drowned. The heaviest damage occurred in Rutland and Harrisonville.							
Fortuna (Divide Co)	23	8:17 p	--	--	0	0	3	4	Wind	Ottawa County	12	1155 AM	-	-	0	2	4	0	High Winds
		60 mph wind, some trees down and light damage to buildings.										A thunderstorm moved across the county with high winds and heavy rain. A roof was ripped off a mobile home in Genoa and a number of trees and utility lines were downed. Two people on South Bass Island were injured when a tree fell on their car.							
New Town (Mountrail Co)	24	2:12 a	--	--	0	0	3	3	Wind	Miamiville, Clermont County	12	110 PM	1	50	0	0	4	0	Tornado
		60 mph wind.										A tornado touched down in Evergreen Cemetery on the west edge of town. Very little structural damage occurred. The storm's path was from Northwest to Southeast.							
Sykeston (Wells Co)	25	4:12 a	?	?	0	0	0	3	Tornado	Williamsburg, Clermont County	12	150 PM	1/2	15	0	0	4	0	Tornado
		Touched down only briefly. Some minor damage to crops.										A tornado touched down on a sod farm doing damage to farm out-buildings. Eye witnesses saw a funnel. This tornado may have been from the same storm as the Miamiville tornado. Its path was also Northwest to Southeast.							
Valley City (Barnes Co)	25	8:40 a	--	--	0	0	4	?	Wind	Brookfield Township Trumbull County	18	415 PM	1/2	40	0	0	5	0	Tornado
		60 mph wind - trailer roof torn off.										A mini tornado touched down doing damage to some houses and downing a number of trees and utility lines.							
Grand Forks (Grand Forks Co)	25	1:30 p	--	--	-	-	-	-	Funnel	Leetonia, Columbiana County	18	435 PM	-	-	2	0	3	0	Lightning
10NE Mott (Hettinger Co)	25	6:43 p	--	--	-	-	-	-	Funnel			Lightning killed two 30 year old men at a picnic at Leetonia Sportsman's Club.							
Stanley (Mountrail Co)	25	7:45 p	--	--	-	-	-	-	Funnel										
New Salem (Morton Co)	25	9:10 p	--	--	-	-	-	-	Funnel										
Grand Forks (Grand Forks Co)	26	1:05 p	--	--	-	-	-	-	Funnel										
6W Grand Forks (Grand Forks Co)	26	1:05 p	--	--	-	-	-	-	Funnel										
5W Rugby (Pierce Co)	26	4:50 p	--	--	-	-	-	-	Funnel										
Forman (Sargent Co)	26	7:05 p	--	--	-	-	-	-	Funnel										
Hazleton (Emmons Co)	28	1:25 a	--	--	-	-	-	-	Funnel										
4N Beach (Golden Valley Co)	29	10:00 a	--	--	0	0	3	4	Flash Flood										
		Over six inches of rain in 90 minutes. Some livestock swept away.																	
New Town (Mountrail Co)	29	1:38 p	--	--	-	-	-	-	Funnel										
Hazleton (Emmons Co)	30	1:32 p	--	--	-	-	-	-	Funnel										
Mandan (Morton Co)	30	2:05 p	--	--	-	-	-	-	Funnel										
Hazleton (Emmons Co)	30	2:34 p	--	--	-	-	-	-	Funnel										
15NW Mandan (Oliver Co)	30	3:33 p	--	--	-	-	-	-	Funnel										

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					KILLED	INJURED	PROPERTY	CROPS	
OHIO (continued)									
Franklin, Licking, and Fairfield Counties	18	9-10 PM	-	-	0	4	5°	C	Lightning, Heavy Rains, High Winds
									Thunderstorms moved through the area with high winds causing considerable structural damage and downing trees and utility lines. Numerous lightning strikes started many fires. Heavy rains caused moderate flooding, especially in Fairfield County. Thurston, in Northern Fairfield County, received 7 inches of rain from the storm. Flooding also caused considerable crop damage. Two people were injured by falling trees and two were reported injured by lightning.
Toledo, Lucas County	26	1105 AM	-	-	1	0	3	0	Lightning
									A thundershower with frequent lightning passed over the city. Lightning strikes started a number of residential fires. Lightning also struck and killed a mailman on his route in the city.
Greenwich, Huron County	26	1213 PM	1/10	20	0	0	4	0	Tornado
									A mini tornado touched down briefly in Northeast Greenwich damaging a mobile home.
North Central	26	12 noon-1 PM	-	-	0	2	6	0	High Winds, Heavy Rain.
									A number of high winds moved through damaging homes, farm buildings and mobile homes, and downing trees and utility lines. Up to 4 inches of rain fell from the storms. A woman was injured in Ashland when a tree fell on her car. A child in Huron County was injured slightly when a mobile home tipped over.
Entire State	27	2-9 PM	-	-	2	8	5	0	Lightning, High Winds, Heavy Rain, Funnel Clouds
									A number of heavy thunderstorms moved across the state during the afternoon and evening hours. High winds downed trees and did some structural damage while heavy rains of up to 3 inches caused some flooding. Two boys were killed and three injured when lightning struck their tree house in Steubenville. Three boys were injured in Harrison County when lightning struck a tree near where they were standing. At least 6 funnel clouds were spotted around the state. One was along I-70 near Dayton, one near Washington Courthouse, another in Columbus, and others in Coshocton, Guernsey and Tuscarawas Counties. Falling trees injured two people.
Kalida, Putnam County	27	515 PM	5	70	0	0	6°	C	Tornado
									A tornado did hit-skip damage across the southern part of the county. A number of houses and farm buildings were damaged and a number of planted fields suffered heavy damage.
New Lexington, Perry County	27	9 PM	1	40	0	0	6	0	Tornado
									A tornado touched down destroying 2 houses and a mobile home.
OKLAHOMA									
Prague, Lincoln County	1	3:30 p			1	0	0	0	Lightning
									A man was struck and killed instantly by lightning while standing outside on a wet patio. The impact knocked him into his yard. The man's young son standing nearby was unharmed.
Near Boise City, Cimarron County	3	10:43 p							Funnel Cloud
									4 miles west of Boise City
Cimarron County	3-4	11:00 p-1:00 a			0	0	6	6	Hail
									Severe thunderstorms moving across Cimarron County from the northwest to the southeast produced hailstones ranging from 1 and 1/2 inches to 2 and 3/4 inches in diameter. The size and intensity of the hail caused excessive damage to property and crops around the county. Extensive roof and window damage to homes and buildings was inflicted. Numerous automobiles were also damaged. The wheat crop was particularly hard hit. Many areas had 100 percent crop loss.
Oklahoma City, Oklahoma County	5	4:25 p							Funnel Cloud
									Over eastern portion of Oklahoma City
Sand Springs, Tulsa County	5	6:50 a			1	0	0	0	Lightning
									A 15 year old boy was struck and instantly killed by lightning while standing under a tree waiting for classes to start at a local junior high school.
Duncan, Stephens County	13	4:49 a			0	0	5	0	Lightning
									Lightning struck a partially constructed home near Duncan completely burning it to the ground.
OKLAHOMA (continued)									
Woodward County	18	4:00 a			0	1	0	0	Wind
									In northwestern Woodward County, high winds knocked a tree limb into a camper at Fort Supply Reservoir injuring the woman occupant. She was treated at Woodward hospital for cuts on her arm.
Broken Arrow, Tulsa County	18	a.m.			0	0	5	0	Lightning
									Lightning struck a home in the early morning hours at Broken Arrow causing a fire that destroyed about 60 percent of the structure.
Near Guthrie, Logan County	20	5:44 p							Funnel Cloud
									10 miles west of Guthrie
Near Edmond, Oklahoma County	20	6:17 p							Funnel Cloud
Oklahoma City, Oklahoma County	20	6:40 p							Funnel Cloud
									Northwest portion of Oklahoma City.
Oklahoma City, Oklahoma County	20	6:52 p			0	0	7	0	Hail
									A severe thunderstorm moved across portions of northwest Oklahoma City in the late afternoon hours depositing a large quantity of hailstones measuring up to 2 and 1/2 inches in diameter. The resulting damage was enormous. Hundreds of homes had battered roofs and broken windows. Commercial buildings suffered the same damage. Cars were particularly hard hit. Hundreds were badly dented with windows broken out in many. In the hardest hit areas trees were shredded of foliage.
Oklahoma City, Oklahoma County	20	7:00 p							Funnel Cloud
									Northwest Oklahoma City near Wiley Post Airport
Near Davenport, Lincoln County	20	8:05 p							Funnel Cloud
									6 miles south of Davenport
Tulsa, Tulsa County	20	8:15 p							3 Funnel Clouds
									Over Tulsa
Catoosa, Rogers County	20	evening							Funnel Cloud
									4 miles east of Catoosa
Key County	21	8:00 a			0	0	0	5	Hail
									A large quantity of hail fell over Key County from thunderstorms that developed in the early morning hours. Hail ranging from 1/4 inches to 1 inch in diameter damaged many of the agricultural crops, particularly wheat.
Near Calumet, Canadian County	21	11:15 a	1 1/2	40	0	0	4	0	Tornado
									A small tornado touched down 3 miles west of Calumet and destroyed a two story barn. As it moved toward the northeast little other damage was done except for a stock tank full of water that was turned over and carried for a mile.
Calumet, Canadian County	21	11:45 a-12:00 p			0	0	5	0	Wind
									Thunderstorm winds estimated from 60 to 70 mph moved through Calumet and vicinity causing considerable damage. A building belonging to a grain company was destroyed. There was considerable damage to the roof of the Calumet school as well as roof damage to several homes in Calumet. Three hog sheds were levelled north of Calumet killing two of the animals.
Yukon, Canadian County	21	12:30 p			0	0	5	0	Wind
									Thunderstorm winds estimated at 70 mph moved through Yukon overturning a mobile home and damaging 11 others. Numerous trees were damaged or uprooted around the city.
Oklahoma City, Oklahoma County	21	12:45 p			0	0	5	0	Wind
									A thunderstorm producing winds from 60 to 70 mph moved across Oklahoma City damaging the roofs of several homes and blowing over many stockade fences. A dozen small metal outbuildings were destroyed. One apartment complex suffered considerable roof damage. Many commercial business signs were blown down around the city.
Caddo County	21	1:15 p			0	0	6	6	Hail, Wind
									Very strong thunderstorms moved across Caddo County producing wind speeds estimated at 70 mph and large amounts of hail that measured up to 1 and 1/2 inches in diameter. The combination of wind and hail did excessive damage to both crops and property around the county. Particularly hard hit was the city of Anadarko where hail did extensive damage to homes and cars. The hail completely covered the ground in most places around the city. A trailer in Anadarko was blown over and several buildings around the city received wind damage. Numerous rural buildings around the county were damaged or destroyed by the high winds. Crops were very hard hit by the hail, particularly wheat and cotton.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
OKLAHOMA (continued)										
Chelsea, Rogers County	24	11:00 a	-	-	0	1	0	0		Lightning
A woman was injured in Chelsea by lightning while talking on the telephone. The electrical surge caused by the lightning knocked the telephone out of her hand and she was momentarily stunned.										
OREGON										
Medford (Jackson Co.)	19	Unk	-	-	-	1	-	-		Lightning
PACIFIC										
NONE REPORTED										
PENNSYLVANIA EASTERN										
West Chester Chester County	5	2 to 3 PM EDT	-	-	0	0	4	0		Wind
Wind gust from a thunderstorm downed trees and power lines, and also dropped a tree on a car.										
Bucks, Northampton and Schuylkill Counties	7	5 to 9 PM EDT	-	-	0	1	4	0		Wind, Heavy rain
Thunderstorms over Eastern Pennsylvania caused damage at a few locations. In lower Bucks County heavy rain caused considerable roadway flooding and caused additional delay in already late crop planting. In Moore Township, Northampton County an apparent downburst wind blew the wall out of a garage, uprooted quite a number of trees, blew boards and roofs from barns and corn cribs, among other damage. One person was injured in the garage by flying debris. In Schuylkill County from Rock to Summit Station wind damaged some houses and a house trailer and brought a tree down on a car.										
Philadelphia	7	3:30 PM EDT	0.5	100	0	0	4	0		Tornado
A small tornado touched down in South-west Philadelphia snapping off telephone poles, uprooting trees, blowing down billboards, breaking windows and lifting the roof off one building. Some of the local residents said they saw a funnel-shaped cloud.										
Lancaster County	19	Midnight to 1 AM EDT	-	-	0	0	3	0		Hail, Wind, Electrical
Thunderstorms moving across the southern half of the county downed some trees and power lines and caused lightning damage to two homes. Power loss was experienced by 3200 customers. Hail the size of golf balls was reported at Elizabethtown.										
Eastern Penna.	21	2 to 11 PM EDT	-	-	0	2	5	0		Wind, Electrical Heavy Rain
Thunderstorms over Eastern Pennsylvania caused damage at numerous locations. Wind gusts downed trees and utility lines, tore off parts of several roofs, and rolled over a trailer home, injuring a woman who was inside. A wind gust of 79 MPH was recorded at the Williamsport-Lycoming County Airport, which is the highest wind ever reported at that location. At least a dozen buildings were struck by lightning causing minor damage to most. However, one lightning fire caused considerable damage to a house and another destroyed a barn. Damage to the barn and contents was about \$60,000 and 9 pigs and 44 piglets were killed. One fireman was slightly injured by a lightning strike while on the roof of a house that had been hit by lightning. The lightning and wind caused power outages to over 6000 customers. Rainfall of an inch or more fell in many locations resulting in roadway flooding and a few mudslides. The heaviest rainfall reported was 7.40 inches at Marietta, Lancaster County.										
PENNSYLVANIA (continued) EASTERN										
Fulton, Franklin, Adams, York, Lancaster, Cumberland, Dauphin and Lebanon Counties	26	11:30 PM to 8 PM EDT	-	-	0	5	5	3		Wind Electrical Heavy Rain
Thunderstorms around midnight and again in the late afternoon and evening caused considerable damage. Trees and utility poles were blown down and the wind damaged roofs and collapsed buildings under construction. Lightning struck numerous buildings causing at least one house fire and a fire that destroyed a barn. The lightning and wind combined to cause power outages to 25,000 or more customers. A utility pole blown over onto an automobile slightly injured two people and lightning striking a cabin slightly injured three girls. The highest wind gusts reported were 69 MPH at Lancaster, 68 MPH at Harrisburg, 60 MPH at York. Heavy rain accompanying the thunderstorms caused widespread roadway flooding and considerable flooding of houses, businesses and campgrounds. A number of people had to be evacuated from homes and campgrounds. Two of the numerous businesses flooded were automobile dealers and many automobiles were damaged. Some small hail also occurred. The heavy rain caused some soil erosion and flattened some grain crops. Rainfall amounts ranged up to 5.50 inches at Witmer, Lancaster County, most of which fell within an hour or two.										
Lebanon, Lehigh, Northampton and Bucks Counties	29	4 to 5 PM EDT	-	-	0	0	5	0		Wind, Hail Electrical Heavy Rain
Thunderstorms brought wind gusts that downed trees and power lines and tore the roof off a mobile home. Lightning struck a number of buildings causing some damage and caused a fire which destroyed a barn. About 2,000 customers had power outages. Hail the size of golf balls fell in Lebanon and hail was reported at other locations. The heavy rain caused some roadway flooding.										
PENNSYLVANIA WESTERN										
NO REPORT RECEIVED										
PUERTO RICO										
Off North Western Puerto Rico	5	2:30 p.	-	-	0	0	0	0		Waterspout
11 Miles North of Culebra	10	3:50 p.	-	-	0	0	0	0		Waterspout
Vieques Passage	11	12:30 p.	-	-	0	0	0	0		Waterspout
Vieques Passage	15	2:45 p.	-	-	0	0	0	0		Waterspout
Off North Western Puerto Rico	30	12:55 p.	-	-	0	0	0	0		Waterspout
RHODE ISLAND										
NONE REPORTED										
SOUTH CAROLINA										
Greenwood County, South Carolina	4	7:00 PM	0	0	0	0	4	3		Funnel Cloud Aloft Thunderstorm High Winds Heavy Rains
One mobile home, power lines, trees damaged near Coronado in Greenwood County. Winds to 81 MPH recorded at Greenwood Airport. Minor damage was reported to several homes. Also major disruption to utilities in Cokesbury area, Ware Spalls, and Ninety Six. Funnel cloud sighted at Greenwood Airport. Did not touch down.										
Dorchester and Darlington Counties, South Carolina	5	P.M.	-	-	0	0	4	3		Thunderstorm High Winds Heavy Rain
NO. 17 radio broadcast tower blown down with considerable minor damage in the St. George area. Also lightning and wind damage occurred in the Darlington area.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	PROPERTY	CROPS	
TEXAS											
NORTHERN											
15 W Decatur Wise County	1	1055A			0	0	0	0			Funnel Aloft
											A funnel aloft was observed by the public.
Bowie Montague County	1	1130A			0	0	3	?			Rainstorm
											The thunderstorm in Wise County moved north into Montague County. Two inches of rain fell in Bowie in one hour causing street and underpass flooding. One motorist had to abandon his UPS truck at the Mill Street underpass when water rose to within five feet of the low point of the underpass.
15 SE Center Shelby County	1	415P			0	0	?	?			Windstorm
											Thunderstorm straightline winds blew down a few trees.
Crowell Foard County	4	315P			0	0	0	0			Hailstorm
											A severe thunderstorm, with locally heavy rain, moved into northern Foard County around 3:00 p.m. Golf ball size hail fell at Crowell, with wind gusts to 40 mph. The thunderstorm then moved south over uninhabited range land.
Crowell Foard County	5	1225A			0	0	0	0			Funnel aloft
											Observed by Civil Defense spotters over Crowell.
Cooke County	5	500P			0	0	5	0			Lightning strike.
											A cluster of thunderstorms moved into northwest Cooke County. Lightning struck an oil tank, igniting a fire that enveloped seven oil storage tanks just west of Maenster. Lightning also struck the steeple of the Calvary Baptist Church in Gainesville, damaging the steeple and knocking out the church's public address system.
Greenville Hunt County	5	715P			0	0	4	?			Windstorm
											The thunderstorms moved into Greenville around 7:15 p.m. Straight-line winds blew off the roof of a concession stand at Carver Field, knocked down trees and telephone and power poles.
Taylor and Jones Counties	5	810P - 930P			0	0	4	?			Funnel Aloft Hail, Wind
											Severe thunderstorms moved into Jones and Taylor Counties around 8:00 p.m. A funnel cloud was observed just west of Anson at 8:45 p.m. At 9:00 p.m. a B-52 bomber pilot observed a funnel cloud 10 miles east of Abilene. Straightline winds in Abilene blew down several old trees and badly damaged the Crown Cork and Seal Company building, which was under construction. At Dyess AFB, golf ball size hail fell from this thunderstorm.
Wise County	6	600A			0	0	?	?			Windstorm
											Heavy thunderstorms moved from the Red River Valley to Wise County at 6:00 a.m. Wind gusts to 50 mph were observed. The thunderstorm moved southeast into much of North Central Texas during the day producing small hail and locally strong straight-line winds.
Moody McLennan County	6	415P			0	0	?	?			Hailstorm
											Severe thunderstorms moved into McLennan County dropping golf ball size hail at Moody.
Lamar County	7	230P - 330P	Short Narrow		0	0	4	?			Tornado
			Short Narrow		0	0	?	?			Tornado
											A severe thunderstorm developed near Paris. At 2:30 p.m. a funnel cloud was observed over southwest Loop 285 in Paris. At 2:45 p.m. a tornado touched down northeast of Glory and moved toward Blossom for an undetermined distance. A second tornado touched down between Blossom and Bepert about 3:30 p.m. The thunderstorm straightline winds knocked down power poles, interrupting power for 30 minutes in parts of Paris and up to three hours in parts of Lamar County.
Dallas and Tarrant County	7	630P			0	0	4	?			Wind, Hail
											Thunderstorms moved through the Metroplex blowing down powerlines in north Dallas. Straightline winds blew a roof off a barn at Renkon, in south central Tarrant County. One inch hail fell at Hanley Street and Loop 820 in east Fort Worth.
McLennan County	7	830P	Short Narrow		0	0	4	?			Tornado
					0	0	5	?			Hailstorm
											A severe thunderstorm spawned a tornado in central McLennan County that moved a building 100 yards and left it on a highway. Pea-size hail in southeast McLennan County, near the Trading House Reservoir area, fell in a swath three to four miles wide and seven miles long.
TEXAS (continued)											
NORTHERN											
Hunt County	13	700P 730P			0	0	0	0	4	?	Funnel Aloft Windstorm
											A funnel cloud was observed over Celeste. Straightline winds from the thunderstorm blew down power poles in Greenville, knocking out power to much of Greenville. Winds estimated to be 50 mph blew down a tree, which then demolished a truck near Kingston on U. S. Highway 69.
Bowie County	19	500P			0	0	4	?			Wind damage
											Thunderstorm winds damaged a mobile home, overturned a car, and damaged trees at the intersection of Farm to Market Roads 989 and 2516, located west of Texarkana. A local TV station reported damage was caused by a tornado, but this was not confirmed.
Wood County	30	545P	Short	50	0	0	4	?			Tornado, Windstorm
											A tornado touched down north and northeast of Yantis at points two miles apart. The tornado at its first touchdown destroyed powerlines and damaged two barns.
TEXAS											
SOUTHERN											
Galveston Island	1	6:55 am	?	?	0	0	0	0	0	0	Waterspout
											The waterspout occurred in the Gulf of Mexico just offshore from the airport. It caused no damage.
Nueces, San Patricio, and Refugio counties	1	11:00 am -5:00 pm	Area-wide		0	0	5	?			Heavy rain
											Heavy thunderstorm rains produced widespread flooding in these coastal counties. From 4 to 9.2 inches of rain, including over 3 inches in one hour, fell in the immediate Corpus Christi area causing flood damage to several buildings such as the Nueces County Courthouse, the Bayfront Auditorium and Sponon Hospital. Many streets and highways were impassable. Over 10 inches fell at Refugio closing highways but doing little damage.
San Patricio, County	2	8:00 am									Funnel cloud
											The funnel was observed just north of the Reynolds Aluminum Plant moving eastward.
Sabine Pass, Jefferson Co.	2	8:00 am			0	0	0	0	0	0	Waterspout
											The waterspout occurred in the Gulf of Mexico about 15 miles southwest of Sabine Pass. It did no damage.
Corpus Christi Bay	2	9:15 am									Funnel cloud
											The funnel formed near Aransas Pass moved south into Corpus Christi Bay.
Alvin, Brazoria Co.	2	10:45 am									Funnel cloud
											The brief funnel cloud occurred over Chochole Bayou southwest of Alvin.
Refugio County	2	Noon									Funnel cloud
											The funnel was observed over Highway 77 ten miles north of Refugio city.
Nueces County	2	Noon- 5:00 pm	Area-wide		0	0	?	0			Heavy rain
											For the second consecutive day, heavy rain fell over the Corpus Christi area with much of the city and county receiving about 5 inches. At the airport more than 3 inches fell in an hour. Serious street and highway flooding occurred but was not as widespread as on June 1st. Damages on this second day of flooding were apparently less than or coincidental with the previous day's flood.
Corpus Christi, Nueces Co.	2	4:30 pm									Funnel cloud
											The funnel lasted briefly over the south part of the city.
Kimble County	2	7:00 pm	40	15	0	0	0	0	0	0	Wind
											Severe thunderstorms moved eastward from Sonora into Kimble County causing wind gusts up to 72 mph at Junction. No significant damage occurred.
Kenah, Galveston Co.	5	7:45 am									Funnel clouds
											At least two funnels were sighted over Galveston Bay just offshore from Kenah, Seabrook and Bacliff.
Surfside, Brazoria Co.	5	10:00 am									Funnel cloud
											The funnel occurred 2 miles east of Surfside and moved northeast.
Texas City, Galveston Co.	5	10:30 am	?	?	0	0	0	0	0	0	Waterspout
											The waterspout caused no damage as it formed and dissipated in Galveston Bay 2 miles SSE of Texas City.

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
Bellaire, Harris Co.	6	2:00 pm							Funnel cloud
									The funnel cloud was watched by SKYWARN observers as it moved over Bellaire.
Northwestern Harris Co.	6	4:52 pm	7	Narrow	0	0	0	0	Tornado, hail
									The tornado, accompanied by 3/4 inch hail, was first seen to touch ground briefly just off the intersection of Farm-to-Market Roads 1940 and 149. The tornado caused no damage in the open field and no significant hail damage was reported. The tunnel apparently lifted and moved aloft slowly toward the southeast passing above several residential developments without causing damage. It briefly touched ground a second time just off Stuebner-Airline Road in an open area.
Del Rio, Val Verde Co.	6	6:15 pm	?	?	0	0	3	?	Hail
									A thunderstorm dropped 3/4 to 1-1/2 inch hail across the north side of the city. Roofs, gardens and automobiles received damage. Total damage was difficult to estimate due to hail damage already existing from earlier spring storms.
Bexar County	6	7:00 pm			0	0	5	0	Electrical
									Thunderstorms moving into the county at 7 pm were accompanied by frequent vivid lightning strikes. Electrical service was disrupted to some 20,000 homes with major damage occurring to the Harmony Hills power substation. The 400-foot radio broadcast towers on Eisenhower Rd. were toppled, probably by a combination of lightning hits and strong wind gusts.
Bexar County	6	7:00 pm-11:00 pm			0	3	4	0	Heavy rain
									The same thunderstorms that produced the electrical storm also dumped 2 to 3 inches of rain in less than 30 minutes on many parts of San Antonio and Bexar County. Flash flooding occurred along Olmos and Salado Creeks, in many city streets, and along the San Antonio River. Severe erosion occurred to an approach bridge at Loop 410 and Ingram Rd. Some 50 to 100 automobiles were stalled in flooded streets with several sustaining water damage. Three persons received minor injuries in their narrow escape from a car washed into a drainage ditch near O'Connor Rd.
Northern Harris Co. and southern Montgomery Co.	6-7	Night through morning			0	0	5	?	Heavy rain
									Heavy rains of 6 to 10 inches over the area caused extensive flooding. At least 50 homes were evacuated and received water damage due to overflow along the West Fork of the San Jacinto River in Montgomery Co. Other lesser flood damages were reported to buildings and vehicles along Spring Creek, Cypress Creek and Greens Bayou in Harris Co.
Channelview, Harris Co.	7	3:00 am			0	0	4	0	Wind
									Thunderstorm accompanied by strong wind gusts moving south across Sheldon and Channelview caused scattered damage mainly to a mobile home park in Channelview.
Galveston Island	12	6:30 am							Funnel cloud
									The funnel was observed by National Weather Service personnel as it formed over the east end of Galveston Island.
Padre Island	13	10:00 am							Funnel clouds
									Funnels were observed over the north end of Padre Island near Padre Island Estates and also 1 mile south of Padre Island National Seashore ranger station.
Harris Co.	13	1:30 pm			0	0	?	?	Hail
									Thunderstorms dropped hail of nearly 1-1/2 inch diameter just north of Intercontinental Airport. Elsewhere over northwest Harris Co. and in the Bellaire area small hail fell causing little damage.
Mud Lake, Jefferson Co.	13	3:25 pm							Funnel cloud
									Helicopter pilot observed the funnel aloft on the coast near Mud Lake about 4 miles east of High Island.
Winnie, Chambers Co.	13	3:30 pm							Funnel cloud
									This funnel was observed south of Winnie on Highway 124 moving south. There was no evidence that it touched ground.
Silabee, Hardin Co. to Port Arthur, Jefferson Co.	13	3:55 pm-7:00 pm	50	*15	0	0	3	?	Wind, hail, funnel clouds
									Severe thunderstorms moved south-southeast from Hardin Co. across western Orange Co. and eastern Jefferson Co. Strong wind gusts downed trees in Silabee but caused little property damage. In Beaumont heavy rains flooded streets and from just south of Beaumont to Port Arthur 3/4-inch hail damaged gardens. Minor property damage occurred. A funnel aloft was seen over Port Neches city park.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
Nueces Bay	17	8:30 am	?	?	0	0	0	0	Waterspout
									The waterspout formed in the south part of the bay and moved north without causing damage.
Lake Sabine, Jefferson Co.	19	12:30 pm	?	?	0	0	0	0	Waterspout
									A waterspout formed in the center of Lake Sabine but caused no damage to boats.
Nome to Port Arthur, Jefferson Co.	27	10:30 am-12:30	25	*8	0	0	4	?	Wind, funnel clouds
									Severe thunderstorms moved east-southeast over northern parts of the county. At 10:30 am several funnels aloft moved from Nome to China. At noon a funnel aloft was seen over Lucas Station oilfield 3 miles south of Beaumont. Gusty winds on the surface caused light damage. At 12:15 pm strong gusts damaged carports and trailers in Parkway Village mobile home park. Another funnel aloft occurred over Port Arthur at 12:05 pm. Small hail fell along the storm path.
TEXAS WESTERN									
Boquillas, Brewster County	1	3:00 p			1	0	3	2	Flash Flood, Hail, Windstorm
									A massive thunderstorm accompanied by frequent lightning, hail of diameter 1.5 inches and winds estimated at 70 to 80 mph struck Boquillas. More than 1.5 inches of rain fell in less than one hour and the ensuing flash flood was the cause of death of a camper. The camper was by himself and was apparently unable to get out of the sleeping bag before the flood struck, drowning him.
Muleshoe, Bailey County	1	10:15 p	1	30	0	0	0	0	Tornado, Hailstorm
									A tornado touched down briefly 12 miles southwest of Muleshoe, but caused no apparent damage. The tornado was visible for three minutes, moving from southwest to northeast, and making a right turn just before returning to the cloud. Accompanying the storm were hail measuring 1.5 inches in diameter that covered the ground for approximately 20 minutes and heavy rains that caused some local flooding for periods of up to one hour. No damage was reported from the hail or rains.
Slaton, Lubbock County	2	1:20 a			0	0	?	?	Hailstorm
									A hailstorm that began five miles west of Slaton left patches of damage in an area from five miles west of Slaton to 15 miles southwest of Slaton. The hail measured as large as 1.75 inches in diameter and was accompanied by heavy rain. The total extent of damage is not known.
Sonora, Sutton County	2	4:23 p			0	0	7	4	Hail, Windstorm, Flooding
									Hailstones measuring as large as 2.5 inches in diameter along with wind gusts estimated as high as 80 to 100 mph caused extensive damage in and around Sonora. Trees were blown into homes, pump houses and small buildings were blown over, and the hangar at the airport near Sonora was reported to have swayed 6 to 8 inches in the wind. Rains accompanying the storm caused extensive flooding to the north and west of Sonora.
Kerrick, Dallam County	3	11:41 p			0	0	0	0	Funnel
									Police in Dalhart reported sighting a funnel in open country just southwest of Kerrick. The storm from which the funnel appeared was moving south at 25 mph and the funnel was only visible briefly before it disappeared back into the cloud.
Stratford, Sherman County	4	12:43 a	1	60	0	0	0	0	Tornado
									A tornado was reported by the Sheriff's Department to have touched down in open country 15 miles southwest of Stratford, moving toward the southeast at 10 to 15 mph. No damage was reported.
Brice, Hall County	4	1:20 p			0	0	?	?	Hailstorm
									Hail as large as 1.75 inches in diameter fell near Brice. No estimates were available on damage in the area. In addition to the hail, 3 inches of rain fell with the storm.
Hereford, Deaf Smith County	4	6:42 p			0	0	3	0	Windstorm
									Winds gusting as high as 60 to 70 mph were reported 20 miles to the north and west of Hereford. Only minor damage occurred.
Muleshoe, Bailey County	4	8:20 p	Short	Narrow	0	0	0	0	Tornado, Windstorm
									A tornado was sighted 12 miles southwest of Muleshoe, but it quickly returned to the parent cloud. Heavy rains caused some local flooding and lightning struck a trailer house. Winds in the storm were estimated at 35 mph. There was no known damage.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
Cotton Center, Hale County	4	8:55 p			0	0	0	0	Funnel
A storm spotter sighted a funnel cloud 5 miles north of Cotton Center along with winds gusting to 50 to 40 mph. No damage was indicated.									
Clarendon, Donley County	4	9:30 p		0	0	0	7	0	Windstorm
Strong, damaging winds were reported by the Clarendon Police Dept. in the area of Clarendon. No estimate was available of windspeed. Damage was confined mainly to roofs and trees.									
Cone, Crosby County	4	9:30 p			0	0	4	0	Hailstorm
Hailstones measuring as large as 1.5 inches in diameter were reported by the Lorenzo Civil Defense near Cone. In addition, heavy rain and strong winds accompanied the storm. Damage was confined mainly to residences.									
Cotton Center, Hale County	4	9:42 p	Short	Narrow	0	0	0	0	Tornado
A small, short-lived tornado was reported by a storm spotter near Cotton Center. The tornado did no damage and disappeared quickly into the parent cloud.									
Lubbock, Lubbock County	4	9:43 p	.5	20	0	0	0	0	Tornado
A small tornado was sighted near a shopping center on the west side of Lubbock. The tornado touched down only briefly, causing no damage and returned to the parent cloud.									
Wilson, Lynn County	5	6:38 p			0	0	0	0	Funnel, Hailstorm
A funnel cloud was sighted 2 miles southeast of Wilson in a thunderstorm that dropped .5 inch diameter hail in a path 3 miles long and 1 mile wide. Hail covered the ground for over an hour to a depth of nearly 4 inches. Patches of larger hailstones of diameter 2.5 inches were also reported in the storm along with 1.8 inches of rain. No damage was reported.									
Sanderson, Terrell County	5	6:30 p			0	0	6	4	Hail, Windstorm
Hail measuring 1.25 inches in diameter, .44 inches of rain, and winds gusting to an estimated 60 mph caused damage to a large area of Sanderson for nearly 45 minutes. Windows, skylights, and cars received damage from the hail which covered an estimated 20 percent of the ground. Wind damage to roofs was prevalent and some light damage was reported to vegetation.									
Sweetwater, Nolan County	5	7:25 p			0	0	6	5	Hailstorm
Damage due to hail was reported over nearly half of Nolan County with the largest hailstones measuring 2.5 inches in diameter. Heavy rains accompanied the storm with damage reported mainly in the southern part of the county to breakage of windows, signs and trees.									
Roscoe, Nolan County	5	8:30 p			0	0	5	0	Windstorm
Strong winds accompanying a thunderstorm ripped the roof from an office building and hurled it 50 feet southward onto another roof. Some minor damage was sustained when heavy rain entered the building through the damaged roof. No estimate was available on the speed of the wind.									
Bledsoe, Cochran County	6	3:15 p			0	0	?	?	Funnel, Hailstorm
A funnel cloud was spotted by the Sheriff's Dept. 8 miles north of Bledsoe and was followed by hail measuring .5 inches in diameter and moderate rain at 3:30 p.m. The hail fell in a path one mile wide and 20 miles long, covering the ground and damaging newly planted cotton crops. No estimate of damage was available.									
Denver City, Yoakum County	6	5:25 p			0	0	0	0	Funnels (2)
A pair of funnels were reported 5 miles north and 2 miles northwest of Denver City. The funnels were moving eastward at 15 mph and remained visible only briefly.									
Vega, Oldham County	6	6:20 p			0	0	0	0	Funnel
A short-lived funnel cloud was sighted by a Department of Public Safety Officer in open country near Vega.									
Abernathy, Hale County	6	6:20 p			0	0	0	0	Funnel
A funnel was sighted 10 miles north of Abernathy by a pilot. The sighting was confirmed shortly afterward by weather radar and by local police and sheriff's department personnel. The funnel was observed moving eastward at 15 mph and was visible for approximately 15 minutes.									
Abernathy, Hale County	6	7:00 p			0	0	0	0	Funnel
A funnel was reported by the public 5 miles south of Abernathy.									
Dumas, Moore County	6	7:00 p			0	0	0	0	Funnel
A funnel was sighted by the public 16 to 18 miles southwest of Dumas in open country. The funnel was short-lived.									

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
Hale Center, Hale County	6	7:10 p			0	0	0	0	Funnels (2)
Twin funnels were observed 7 miles southwest of Hale Center by local police and civil defense personnel. They remained in sight for approximately 10 minutes and returned to the parent cloud.									
Abernathy, Hale County	6	7:40 p			0	0	?	?	Funnel, Hail and Windstorm
A funnel was sighted by local police and sheriff's department personnel just north of Abernathy. In addition, the public reported hail measuring 1.5 inches in diameter, heavy rain, and winds gusting an estimated 50 to 60 mph. Damage due to the storm is not known.									
Wilson, Lynn County	13	5:00 p			0	0	?	?	Hailstorm
Hail measuring 1.75 inches in diameter fell in a path 10 miles long and 2 miles wide located 5 miles west of Wilson. No damage estimates were available.									
Petersburg, Hale County	13	7:20 p			0	0	0	4	Funnel, Hailstorm
A funnel was sighted 10 miles north of Petersburg by the public. The funnel quickly returned to the parent cloud. Hail caused damage to crops between Petersburg and Plainview, but no other damages were indicated.									
Borger, Hutchinson County	13	7:50 p			0	0	4	0	Windstorm
Winds gusting to an estimated 60 to 70 mph blew down a boathouse in Borger. No other significant damage was indicated.									
Nazareth, Castro County	13	8:18 p			0	0	?	?	Hailstorm
Hail measuring as large as 1.75 inches in diameter was reported near Nazareth. Damage due to the storm was unknown.									
Tulia, Swisher County	13	8:50 p			0	0	?	?	Hailstorm
The police department reported 1.75 inch diameter hail and heavy rain in the area of Tulia. No reports were given regarding damages.									
Abernathy, Hale County	17	6:24 p			0	0	0	0	Hailstorm
A hailstorm that built over Abernathy and drifted slowly toward the south caused little or no damage, but did drop .5 inch diameter hail that covered the ground just south of the city. Heavy rains also accompanied the hail, as well as frequent lightning.									
Lubbock, Lubbock County	17	7:35 p			0	0	?	?	Hailstorm
A hailstorm that built over Abernathy was reported to be dropping hail as large as 2.5 inches in diameter some 10 miles northwest of Lubbock at 8:35 p.m. The hail drifted slowly towards the south, and hail continued to fall in patches until shortly after 8:00 p.m. The hail path stretched from 10 miles northwest of Lubbock to 2 miles west of the city. Damages were generally minor.									
Lubbock, Lubbock County	17	7:57 p			0	0	?	?	Hailstorm
In nearly a repeat scenario of the above storm, a second thunderstorm built over Abernathy, moved toward the south-southeast, and dropped hail in a path from near Abernathy to just west of Lubbock. The hailstorm covered the period of time from 7:57 p.m. to 8:38 p.m. with the largest stones measuring 2.5 inches in diameter.									
Miami, Roberts County	17	8:50 p			0	0	0	0	Hailstorm
Hail measuring 1.75 inches in diameter was reported near Miami. No damage was reported from the hail.									
Sierra Blanca, Hudspeth County	18	3:00 p			0	0	4	0	Windstorm
Winds estimated to be in excess of 50 mph along with heavy rains damaged antennas, tree limbs, carports, overturned a trailer house and blew down road signs and powerlines in Sierra Blanca. The storm also caused a two-hour power failure, in addition to \$10,000 in property damage.									
Griffith, Cochran County	18	7:00 p			0	0	?	?	Hailstorm
Hail measuring .75 inches in diameter damaged cotton crops between Enochs and Griffith. The storm built near Griffith and moved eastward to Enochs with the hail damage being patchy. Heavy rains were also reported.									
Earth, Lamb County	26	7:00 p			0	0	?	4	Hailstorm
Hail measuring .5 inches in diameter was reported in a path 2 miles long and .5 miles wide just northwest of Earth by the local fire department. Crops were damaged in the storm that lasted for just over one hour. Personal property damage is not known.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN Umbarger, Randall County	26	7:23 p			0	0	0	0	Hailstorm
Strong winds accompanied a hailstorm that dropped stones measuring 1.75 inches in diameter near Umbarger. The report was made by the Sheriff's Dept. No damage was indicated.									
Amarillo, Potter County	26	9:08 p			0	0	3	0	Hailstorm
Civil Defense Personnel reported 1.75 inch diameter hail in the west side of Amarillo. Damage was confined to personal property.									
UTAH			NONE REPORTED						
VERMONT									
AREAWIDE	2	5:30P-9P					5	°C	THUNDERSTORMS
HEAVY RAIN AND VIVID LIGHTNING CAUSED POWER OUTAGES THROUGHOUT THE AREA. LIGHTNING STRUCK AND DESTROYED A HOME BY FIRE IN PLAINFIELD IN WASHINGTON COUNTY. LIGHTNING ALSO STRUCK A BARN, CAUSING MINOR FIRE DAMAGE. MINOR FLOODING WAS ALSO REPORTED. A POSSIBLE TORNADO WAS ALSO REPORTED AT 6 PM NEAR NEWPORT IN ORLEANS COUNTY WHERE THE ROOF OF A BARN WAS TORN OFF AND HAIL OF ONE INCH SIZE WAS REPORTED.									
WINDSOR AND WINDHAM COUNTIES	19	5P-11P			0	0	4	°C	THUNDERSTORMS
STRONG WINDS, HEAVY RAIN AND LIGHTNING CAUSED NUMEROUS POWER OUTAGES DUE TO DOWNED TREES AND POWERLINES. SEVERAL ROADS WERE WASHED OUT AND AN ELECTRIC SUBSTATION SUFFERED FIRE DAMAGE AFTER BEING STRUCK BY LIGHTNING.									
VIRGINIA									
Southeast Section	3	3:00 p-5:00 p			0	0	5	0	Wind
Strong winds accompanied cold frontal system and inflicted damage over scattered sections. First report of damage from vicinity of Fort Mitchell, Lunenburg County, where roof taken off farm building and 18-inch diameter branches torn from oak tree. Storm continued eastward into sections of Norfolk and Virginia Beach. There, numerous trees uprooted as winds reached possibly up to 75 - 100 mph. A back porch was destroyed in the Hilltop area of Virginia Beach, as were several unattached storage buildings. Peak wind recorded at Norfolk International Airport was 64 mph. Damage total estimated near \$55,000.									
James River	8	2:00 p-5:00 p			0	0	0	0	Funnel Clouds
Numerous funnel clouds sighted on James River just south of Newport News during the three-hour period, and were apparently associated with two lines of thunderstorms. Funnels were seen to dissipate and then re-form, with each lasting five minutes or less. Radar observers reported hook echoes with the funnel-producing storm cells.									
Tidewater Section	8-9				0	0	4	0	Rain, Lightning
Rain beginning the evening of the 8th, into the morning of the 9th, brought between 4 and 5 inches of rainfall to portions of Norfolk and surrounding areas. Some 45 campers from out of state had to be rescued from Seashore State Park as high waters threatened. Many streets in the area flooded, along with basements of many homes. Lightning struck home in Portsmouth, with resulting fire doing an estimated \$5,000 to \$10,000 damage.									
Winchester	12	Evening			0	0	3	3	Rain, Wind
Streets and low-lying fields flooded as "torrential thunderstorms" moved thru the area. One home had substantial roof damage when large tree fell on it. Grain and corn fields in the area also were damaged by high water.									
Amisville, Rappahannock County	19	3:00 p	1/4	40	0	0	4	0	Tornado
Small tornado touched down for a brief three-minute period, about an hour after an earlier thunderstorm had moved thru the area. Portion of church roof ripped off, and water damaged part of interior. Nearby, a barn lost its roof and trees were devastated. In addition, an unoccupied trailer, used as an office, was lifted from its supports and turned over on its top - completely destroyed. Another home had its screen porch crushed when a large tree fell on it. Total damage estimated at near \$40,000.									
Dale City, Prince William County	19	Evening			0	0	2	0	Wind
Tree fell on roof of house during thunderstorm. Damage estimated at around \$300.									
Marshall Hall, Charles County	20	3:10 p	1	50	0	0	3	0	Tornado
Small tornado, moving from SW to NE, downed or twisted off some large hardwood trees and destroyed several old barns. No one saw the funnel but residents reported an unusually loud roar. Damage estimated at \$8,500.									

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					KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA (continued)									
South Central	22	4:00 p-7:00 p			0	0	5	5	Hail, Wind, Rain, Lightning
Series of thunderstorms brought golf-ball size hail to a fairly large area. Many area crops suffered considerable damage from hail, including tobacco, corn and apple crops. Hail also dented sheet metal structures and took paint off walls. Rainfall measured over 4 inches in some sections, causing roads to be closed due to high water. In vicinity of Lynchburg, 6,000 homes were without electricity for a time due to wind-downed trees and power lines. In Bedford County hail piled up to a depth of around 6 inches, while wind took roof off barn. Damage claims in Franklin County, alone, thought to reach near \$75,000 from hail damage. In addition to \$25,000 loss to a store from lightning-caused fire. Total damage estimate from hail: \$250,000; Wind: \$75,000; Rain and Lightning: \$50,000.									
Newport News	22	Night			0	0	3	0	Lightning
Lightning strike caused tree to fall on house and electrical lines.									
Loudon and Prince William Counties	26	7:00 p-8:30 p			0	0	5	4	Wind, Hail
Ashburn area without power for about 12 hours as winds tore down trees and power lines. Hail up to an inch in diameter wiped out corn field in vicinity. Wind recorded up to 69 mph at Dulles International Airport. Damage also in Woodbridge-Manassas area where trees were down along with scattered property damage from wind, including a 200-year-old oak tree on the "Win Oake estate.									
Lynchburg	26	11:00 p-11:30 p			0	0	4	0	Wind
Violent electrical storm disrupted power to some 2,300 homes. In addition, several large trees uprooted on Oakwood golf course.									
Northern	27	6:00 p-8:00 p			0	6*	6	4	Wind, Rain, Hail Lightning
Cold front moving into area produced a severe squall line that moved southward from Maryland and eastern West Virginia. Winds were recorded up to 80 mph at Dulles International Airport and caused extensive damage. Residents called storm the worst in recent years as trees fell, crushing autos and other property; downed power lines knocked out electrical service to some 14,000 homes; and crops were devastated by hail and rain. Six ballpointers were injured when two hot air balloons were forced down near Warrenton. Damage to one balloon estimated at between \$7,000 and \$10,000. Total storm damage estimated at between three and five million dollars, of which wind accounted for two-thirds, and lightning, rain and hail the other third.									
* In addition to the 6 listed injuries, scores of others were treated for asserted minor injuries.									
Halifax County	28	Night			0	0	0	0	Lightning
Horse killed by lightning bolt in middle of open field in the Dan River Community.									
Stafford County	29	8:30 p			0	0	4	0	Wind
Very localized high winds from thunderstorm demolished trailer home in Garrisonville area. In addition, some minor damage to nearby dwellings along with uprooted or twisted trees. Total damage estimated at about \$20,000.									
VIRGIN ISLANDS									
Virgin Passage	22	10:05 a.			0	0	0	0	Waterspout
Virgin Passage	24	11:15 p.			0	0	0	0	Waterspout
Between St. Croix & Vieques	26	4:00 p.			0	0	0	0	Waterspout
WASHINGTON									
Pierce County	12	3:30 PM 14					4		Funnel Cloud
Funnel cloud sighted over Ft. Lewis and East Tacoma. Wind damage occurred about one mile south of I-5 in East Tacoma. Many broken tree limbs over a 3 mile area. A low pitched roof blew off a home into front of home across the street. A large cottonwood tree fell on a house. A carport was damaged. Several TV antennae blown down. Strongest winds estimated at 70 mph. Local heavy rains and hail accompanied this storm causing traffic problems and some street flooding. Total wind damage estimated at \$30,000. Storm moved northeastward.									
Grays Harbor County	13	11:30PM							Funnel Cloud
Funnel cloud sighted by FAA at Hoquiam Airport over Grays Harbor. May have hit water briefly. No damage reported.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
WEST VIRGINIA									
Statewide	26	afternoon, evening			0	0	?	?	Thunderstorms, lightning
									Strong thunderstorms developed ahead of an advancing warm front. Numerous reports of downed trees and small stream and urban flooding. Several fires were started by lightning, including a barn fire near Elkins at 9:00 PM.
Wood, Pleasants Counties	26	5:45 PM			0	0	0	0	Funnel Clouds
									Two funnel clouds reported by public over Marietta, Ohio, moving into West Virginia. Funnels stayed aloft.
Lewis County	26	6:30 PM-Midnight			0	0	5	?	Flash Flooding
									Hardest hit was the drainage basin of Sandy Fork Creek at and above Copley. Several homes and house trailers suffered water and mud damage. Numerous roads covered with water and blocked by mudslides. Flooding also occurred in Marion, Preston, Taylor, Harrison and Tucker counties of northern West Virginia.
Weston, Lewis County	26	6:40 PM	8	40	0	0	5	0	Tornado
									A tornado touched down at Homewood addition, in southwest Weston, and moved NNW in a skipping fashion for about eight miles. Serious damage to two houses with lesser damage to five others.
Buckhannon, Upshur County	26	7:30 PM			0	0	3	0	Wind Storm
									A porch roof and part of a house roof were torn off.
Northern Counties	27	afternoon, evening			0	0	?	?	Thunderstorms
									Intense thunderstorms moved across northern sections of the state in advance of an approaching cold front.
Northern Counties (continued)									Wind gust of 60 mph was reported at Wheeling, Ohio County, around 9:00 PM. No major damage.
Morgan, Berkeley & Jefferson Cos.	27	5-6 PM			0	1	5	?	Strong wind, lightning
									At 5:20 PM wind gust of 74 mph at Martinsburg Airport where a small plane was flipped, slightly injuring pilot. Roof blown off department store in Martinsburg. Barn near Martinsburg burned after a lightning strike.
Northern Mason County	28	1:20 AM			0	0	0	0	Funnel Cloud
									Sighted by Sheriff Department. Funnel stayed aloft and dissipated.
WISCONSIN									
Crawford County	1	Early morn	-	-	0	0	?	?	Severe thunderstorm
									An early morning severe thunderstorm blew tree limbs down and destroyed a porch in Gay Mills in Crawford County.
Door County	4	Late aft	-	-	0	0	?	?	Severe thunderstorm
									High winds during an afternoon thunderstorm blew a picnic table on top of a house.
Kenosha County	7	12:10 pm	-	-	0	0	?	?	Hail
									Hail 1 inch in diameter was reported by the public 20 miles southwest of Milwaukee.
Outagamie County	7	4:00 pm	-	-	0	0	?	?	Severe thunderstorm
									An outdoor movie theatre was damaged near Little Chute in Outagamie County
	7	4:15 pm					?		Tornado
									A tornado touched down briefly 2 miles northwest of Francis Creek in Manitowoc County. A trailer was tipped over and a porch was destroyed
Rock County	7	5:30 pm	-	-	0	0	?	?	Severe thunderstorm
									A severe thunderstorm knocked down trees just east of Janesville in Rock County.
Manitowoc County	7	5:50 pm	-	-	0	0	?	?	Severe thunderstorm
									A mobile home was overturned and a porch was blown off a home in Manitowoc in Manitowoc County during a late afternoon thunderstorm.
WISCONSIN (continued)									
Milwaukee County	7	6:00 pm	-	-	0	0	?	?	Severe thunderstorm
									High winds knocked down trees in Brown Deer in Milwaukee County.
Oneida and Langlade Counties	10	Afternoon	-	-	0	0	?	?	Wind
									High winds downed trees in Langlade and Oneida counties during the afternoon of the 10th.
West Central	15	Evening	-	-	0	0	?	?	Severe thunderstorms
									Severe thunderstorms downed trees over several west central Wisconsin counties during the evening of the 15th. High winds reportedly destroyed a garage on Highway 37 southwest of Eau Claire in Eau Claire County.
Southwest	16	Evening	-	-	0	0	?	?	Severe thunderstorms
									Severe thunderstorms downed trees and damaged buildings in several southwest Wisconsin counties on the evening of the 16th. Several farm buildings were destroyed around 10:30 pm just north of Prairie du Chien in Crawford County and just north of Mount Hope in Grant County around 11:58 pm.
Southern half	17	Late morn thru eve	-	-	2	5	6	?	Severe thunderstorms
									One tornado One funnel cloud
									Severe thunderstorms downed trees and power lines and spawned tornadoes over southern Wisconsin on Saturday the 17th. The severe thunderstorms moved eastward at speeds of 40 to 50 mph, spreading from southwest Wisconsin during the late morning hours into southeast Wisconsin during the late afternoon and early evening hours. One woman was killed in a lightning induced fire and two girls suffered smoke inhalation in the same fire in rural Janesville in Rock County during the early morning hours Saturday. Two people were injured in Yellowstone Lake State Park in northeast Lafayette County during severe thunderstorms as several campers in the park were reportedly flipped over during the morning hours. As the storms moved eastward during the evening hours, a tornado and one funnel cloud were reported. The tornado cut a 15 mile path of destruction from 4 miles west of Burnette in Dodge County to 1 mile east of Theresa in Jefferson County. Damage from that storm was estimated at \$500,000 to \$1,000,000. The Jefferson County Sheriff reported a funnel at Lake Mills at 8:30 pm. High winds reportedly flipped several camper trailers over in a campground 10 miles east of Waterloo in Jefferson County injuring one man. In Mayville in Dodge County several roofs were blown off homes during severe thunderstorm activity. As the storm moved eastward toward Lake Michigan, 50 to 60 mph winds were reported at Doltonville in Washington County around 8:33 pm. Damage in that storm was estimated at \$550,000.
Grant County	17	Afternoon and eve	-	-	0	0	?	?	Funnel clouds Hail
									Golfball sized hail reported by public in Cassville in Grant County while the sheriff of that county reported funnel clouds near Beetown around 7:27 pm.
Milwaukee County	17	Evening	-	-	1	0	0	0	Lightning
									A man was killed by lightning on a golf course in the Milwaukee area during the evening hours of the 17th.
Walworth and Racine counties	20	Evening	18	50	0	0	?	?	Tornado
									A small but intense thunderstorm spawned a weak tornado that briefly touched down near Elkhorn in Walworth County between 8:30 pm and 9:00 pm the evening of the 20th. The next touch down was near Waterford in Racine County around 9:30 pm.
West Central	30	Evening	-	-	0	0	?	?	Severe thunderstorm
									Severe thunderstorm downed trees and damaged farm buildings in several west central Wisconsin counties. The Dunn County area suffered damage to 10 barns and 2 homes on a path from Ridgeland to 3.5 miles north of Colfax by severe thunderstorms.
Southwest and west central	30	June-July 1			1	?	8	7 ^c	Heavy rains Flash Floods
									Heavy weekend rains of up to 9 inches starting on the evening of the 20th and lasting into July 1 sent rivers in the southwest and west central counties on a complete rampage. Over 100 bridges, culverts or bridge approaches were destroyed or damaged in Wisconsin. Communities on the Kickapoo River took the brunt of flood damage. Evacuations of several communities were necessary along the Kickapoo where damage was near \$20 million alone. Total flood damage for Wisconsin was estimated at \$55 million with agricultural damage being \$33 million of the total. One woman was reported killed in a basement cave-in on the evening of the 30th in La Crosse County.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:									
LATE REPORTS					MAY 1978				
ARKANSAS									
Near Humoke - Lonoke County	29	Afternoon			0	1	0	0	Lightning
A man driving a tractor was severely injured when he was struck by lightning.									
KANSAS									
Ford County					MAY 1978				
Ford County	1	4:25 p							Funnel cloud
A funnel cloud was observed briefly about 12 miles southwest of Dodge City.									
Gray, Hodgeman Counties					MAY 1978				
Gray, Hodgeman Counties	7	9:00 to 10:00 p	25	*2-4				6	Hail
Hail of 1/4 to 1-1/4 inches in diameter damaged crops along a path through northeast Gray and south Hodgeman Counties. Property damage was minor.									
Wichita County					MAY 1978				
Wichita County	10	7:00 p							Funnel cloud
A funnel cloud was reported just west of Leoti.									
Franklin County					MAY 1978				
Franklin County	11	4:30 - 4:50 p					4	3	Hail
Thunderstorms moving east through the county produced scattered hail. Largest was hailstones to 2-1/2 inches in diameter north and northwest of Ottawa. Damages were to automobiles, trucks, trees, and young crops.									
Miami County					MAY 1978				
Miami County	11	5:10 p	10	100	0	1	6	0	Tornado
Tornado first touched down 8 miles west and moved east for about 10 miles. Damage was to farm buildings and homes, mobile homes, utility lines, and trees. The injury occurred when a mobile home was destroyed near Paola. Heavy rain and hail to over 2 inches in diameter were reported near the tornado path.									
Greenwood County					MAY 1978				
Greenwood County	11	5:30 to 7:30 p	**7	3	0	0	4	0	Tornado
13 funnels were reported near Eureka. Four were said to have touched down although only two could be confirmed. Damage was to utility lines, fences, trees, and farm buildings about 8 miles west of Eureka.									
Cowley County					MAY 1978				
Cowley County	11	4:30 p					0	0	Tornado
A funnel cloud was reported to have touched down briefly northeast of Arkansas City.									
Barton, Ellsworth, McPherson, Marion, Rice, and Reno Counties					MAY 1978				
Barton, Ellsworth, McPherson, Marion, Rice, and Reno Counties	12	6:00 to 8:00 a					5	6	Hail
Heavy thunderstorms moving east through these counties produced damaging hail to locally over 3/4 inch in diameter. Crop losses were 60 to 100% in heavier hail areas. The area around Conway in McPherson County was extensively damaged. Farm buildings, utility lines, and trees were also damaged.									
Ellsworth and Russell Counties					MAY 1978				
Ellsworth and Russell Counties	12	Late aftn and eve.					5	6	Hail
Thunderstorms moving east through these counties produced hail with damage strips 6 to 10 miles wide causing damage to 100 percent of the crops in some areas. Farm buildings and utility lines were also damaged.									
Rush County					MAY 1978				
Rush County	19	9:00 p			0	0	0	0	Tornado
Tornado touched down about 5 miles west of Rush Center in open country with no damage reported.									
Smith County					MAY 1978				
Smith County	22	Evening					0	5	Hail, funnels
Thunderstorm moving east produced hail which caused crop damage over 12 to 24 square mile area. Three funnel clouds were reported in the county near the thunderstorms.									
KANSAS (continued)									
Coffey County					MAY 1978				
Coffey County	22	9:45 p							Funnel
Heavy thunderstorms moved east through the county with small hail and gusty winds. Run-off from heavy rain caused minor flooding. A funnel cloud was observed 4 miles southwest of Burlington.									
Riley County					MAY 1978				
Riley County	22	10:00 p					0	0	Hail
Thunderstorms moving slowly east produced heavy rain and a few hailstones to 1-3/4 inches in diameter. No significant damage was reported.									
Dickinson County					MAY 1978				
Dickinson County	22	11:00 p					3	0	Wind, funnel clouds
Strong winds associated with a thunderstorm caused damage to farm buildings mostly northeast of Abilene. Two funnel clouds were reported with the thunderstorms.									
Shawnee County					MAY 1978				
Shawnee County	23	4:45 to 6:00 p					3	0	Hail
Thunderstorms moving east produced local hailstones of 1 to 1-3/4 inches in diameter from about 5 miles north of Silver Lake to the west edge of Topeka. Minor damage was to trees, windows, and automobiles.									
Shawnee and Osage Counties					MAY 1978				
Shawnee and Osage Counties	23	6:15 p					5	0	Wind, hail
Thunderstorms with wind gusts of 50 to 70 mph moved east along a line from Auburn to Carbondale. Hail to 1-3/4 inches in diameter was reported around and east of Auburn. Damage was to residences, mobile homes, farm buildings, trees, and utility lines.									
Osage County					MAY 1978				
Osage County	23	6:30 p	4	30	0	1	5	0	Tornado
A funnel first reported 4 miles west of Carbondale touched down 2 or 3 times as it moved east and lifted over the west part of town. Damage was to residences, mobile homes, farm buildings, trees, and utility lines. One minor injury was from flying debris. Extensive wind damage was caused by other thunderstorms in the area, as in the above report.									
Thomas County					MAY 1978				
Thomas County	23	8:30 p					0	0	Hail
Thunderstorms moving northeast produced hail with hailstones to 1-3/4 inches diameter reported 6 miles southwest of Colby. No significant damage was reported.									
Rawlins County					MAY 1978				
Rawlins County	24	4:40 p							Funnel
A funnel cloud was reported 12 miles west of Atwood moving north.									
Cheyenne County					MAY 1978				
Cheyenne County	24	5:50 p					0	0	Hail
Thunderstorms moving north produced local hail with hailstones to an inch in diameter near Bird City. No damage was reported.									
Sherman County					MAY 1978				
Sherman County	24	7:05 p					0	0	Wind
Thunderstorms moving north-northeast caused gusty winds of 60 mph at the Goodland airport. No significant damage was reported.									
Comanche County					MAY 1978				
Comanche County	24	10:45 p	1/8	10	0	0	0	0	Tornado
Tornado moving northeast touched down briefly 6 miles northwest of Coldwater. No damage was reported.									
Finney County					MAY 1978				
Finney County	25	6:15 p	1/8	10	0	0	0	0	Tornado
Tornado moving east-northeast touched down briefly 20 miles north of Sublette. No damage reported.									
Clark County					MAY 1978				
Clark County	25	8:00 p							Funnels
Three funnel clouds were observed in the vicinity of Ashland.									
Barton and Rush Counties					MAY 1978				
Barton and Rush Counties	25	8:30 to 9:30 p							Funnels
Several funnels were observed in east Rush and north Barton Counties.									
Seward County					MAY 1978				
Seward County	26	6:45 p					5	0	Wind
Thunderstorms moving northeast were accompanied by wind gusts estimated to 70 mph near Liberal. Damage was to roofs, trees, and a drive-in movie screen.									
Sheridan County					MAY 1978				
Sheridan County	26	9:45 p							Funnel
A funnel cloud moving northeast was reported 10 miles northeast of Foxie.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED DAMAGE				CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
LATE REPORTS										
KANSAS (continued)										
			MAY 1978							
Finney County	30	4:30 to 5:30 p							Funnels	
			Several funnel clouds were reported over the northern portion of the county moving slowly east.							
Finney, Ford, Gray, and Hodgeman Counties	30	5:00 to 8:30 p	40	*2-4	0	0	0	6	Hail	
			Heavy thunderstorms moving east through these counties caused considerable hail with some hailstones to 1-1/2 inches in diameter. Damage to crops was extensive in the hail area.							
Finney, Gray and Ford Counties	30	5:30 to 8:00 p	30	15	0	0	5	0	Tornado	
			Tornado first observed 9 miles east and 5 north of Garden City moving east-southeast and last observed 10 miles west and 6 north of Dodge City. Damage was to outbuildings and homes on 15 farms, irrigation systems, and utility lines. It was estimated on the ground 20 percent of the time.							
Decatur, Norton, Sheridan, Phillips, Graham, Trego, and Rocks Counties	31	Morning					5	6	Hail, wind	
			Strong thunderstorms moving east through these counties were accompanied by local hail, heavy rain, and gusty winds. Hailstones to 1-1/2 inches in diameter were reported 6 miles west of Oberlin. Wind to 82 mph was recorded at Phillipsburg. Damage was to crops, utility lines, farm buildings, and grain storage equipment.							
Pottawatomie and Jackson Counties	31	3:30 p	22	1300	3	1	6	0	Tornado	
			Tornado touched down 5 miles northwest of Louisville and moved northeast to 2 miles north of Emmett by 4 pm and to 3 miles southwest of Holton by 5:10 pm and ended about a mile east of Holton. Damage was to farm homes and buildings, mobile homes, and utility lines. Largest area of damage was southwest of Holton where a mobile home was destroyed resulting in the 3 deaths and injury. This was a "tornado cyclone" with several funnels around the core which were on the ground about 20 percent of the time along narrow paths, producing spotty damage in a corridor from 2-3 miles wide.							
Marshall County	31	4:15 p	5	350	0	0	5	0	Tornado	
			Tornado was on the ground 50 percent of the time from about 1-1/2 miles northwest to 3 miles north of Hillis. Major damage was to a 16 car freight train which was derailed after stopping at the tornado's approach. Trees and utility lines were also damaged.							
Jackson and Jefferson Counties	31	5:45 p					5	0	Wind, funnels	
			Wind associated with heavy thunderstorms moving northeast caused scattered damage from near Hoyt to near Rock Creek and Valley Falls and northeast to Nortonville. Funnel clouds were reported near Hoyt and south of Valley Falls but there was no evidence of a touchdown. Damage was to farm buildings, homes, mobile homes, and utility lines.							
Shawnee County	31	6:10 p					0	0	Hail	
			Thunderstorms moving east through the county were accompanied by strong gusty winds, heavy showers, and some hail. Scattered hail to an inch in diameter was reported in and near Topeka but no significant damage was reported.							
SPECIAL HAIL SUMMARY										
Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties:										
	12	Barton, Ellis, Ellsworth, Harvey, McPherson, Marion, Rice, Rush, Russell, Trego								
	22	Clay, Cloud, Jewell, Mitchell, Ottawa, Phillips, Smith								
	24	Rawlins								
	25	Clay, Lane, Ottawa								
	30	Decatur, Finney, Ford, Gove, Gray, Hodgeman, Jackson, Jewell, Osborne, Republic, Rocks, Smith								
	31	Barber, Decatur, Harper, Jackson, Kingman, Marion, Marshall, Norton, Reno, Sedgwick, Sheridan								

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED DAMAGE				CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
LATE REPORTS										
LOUISIANA										
			MAY 1978							
Lincoln Parish	1	7:30-7:55 AM			0	0	?	?	Hail	
			Three-quarter inch hail reported south of Dubach and golfball size hail was reported near Calhoun when a band of thunderstorms moved across northern Louisiana.							
Beauregard, Calcasieu, Grant, Rapides Parishes	3	1 AM			0	2	5	0	Severe Thunderstorms	
			Winds estimated at 70 mph snapped trees, unroofed several buildings and broke plate glass windows in the city of DeRidder. The steeple of the First Pentecostal Church in Starks was broken into three pieces and homes were damaged. Winds up to 73 mph at England Airforce Base also caused some damage in Alexandria around 1:30 AM and injured a Fort Polk soldier on the Fulton Bridge. A small boy was cut and bruised by debris in Grant Parish.							
Southeastern Parishes	3	All Day			4	0	8	0	Excessive Rains	
			Extremely heavy rain that began before daybreak and ended in the late afternoon or evening caused widespread flooding over southeastern Louisiana and extreme southeast Mississippi. Measurements of four inches or more were registered from around Denham Springs, Plaquemines and Thibodaux eastward with amounts in New Orleans up to 10.50 at Audubon Park and 13.51 at the Harvey Pumping Station.							
			Damages approached \$100,000,000 when water flooded over 8000 homes and many businesses and about 15,500 automobiles and commercial vehicles. Water in homes varied from 3 or 4 inches in many places up to 3 or 4 feet in a few hundred. Heavy damage occurred when water entered the basements of hospitals, the Orleans Parish prison, and several downtown office buildings and hotels knocking out electrical systems, elevators, appliances and supplies. Water covered Canal Street and St. Charles Avenue.							
			Two people were drowned when they drove their cars into canals. A 12-year old boy died while playing in the deep water of an underpass. One man fell off a foot bridge into a canal. Another man was electrocuted when he touched a metal light standard while wading in the flood waters. A fifth man died of a heart attack while enroute to a hospital in a pirogue (small boat).							
			A lightning-set fire burned a large jet fuel tank along the Mississippi River in St. James. Over 300,000 gallons of naptha were lost about 4:45 AM.							
			High winds unroofed houses in the Lake Catherine area of eastern Orleans Parish about 7 AM.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
LATE REPORTS										
LOUISIANA (continued)										
Northern, Central and Western Parishes	6-7		MAY 1978			2	11	6	?	Excessive Rains, Wind and Hail
<p>Very heavy rains that began around 10 PM CST, May 6 exceeded 5 inches in many places such as Shreveport, Chatham, Jonesboro and Ferriday and ranged up to 10.25 inches at Bienville before ending on the 7th. Numerous homes were flooded in Shreveport, Bossier City, Bastrop, Monroe and other spots. A railroad bridge near Jean and a highway bridge in Union Parish were washed out. The Jackson Parish Hospital had as much as two feet of water inside that caused extensive damage. Many crops were lost.</p> <p>One woman drowned when she fell into a drainage ditch in Shreveport. A young child was killed and her mother and brother injured when a truck overturned and half submerged in a pool of water on the highway near Ferriday, Concordia Parish.</p> <p>Three-quarter inch hail was reported near Haynesville, Claiborne Parish about 10 PM and golfball size hail 15 miles north of Lake Charles at 10:25 PM May 6. Golfball hail fell in Alexandria at 12:55 AM, May 7. One inch hail and flooding was reported at 3:20 AM 10 miles northeast of Mansfield, DeSoto Parish, and golfball hail at 3:30 AM 3 miles south-west of Kingold, Bienville Parish and at 3:50 AM 10 miles north of Ruston, Lincoln Parish.</p> <p>A large number of places reported wind damage. The Red Cross noted 28 dwellings and 8 mobile homes with major damage in Northhouse Parish. Tornadoes were recorded as follows:</p> <p>First touchdown was in Webster Parish along Highway 7 south of Cotton Valley about 12:20 AM May 7. Large transmission towers and trees knocked down; 3 houses lost roofs. Evergreen community hard hit.</p> <p>Next damage occurred 5 miles south of Homer along Highway 9. Mt. Dillard Church severely damaged; La Experiment Farm lost barns and livestock and pecan trees. Trailer homes upset at Lake Claiborne - 3 minor injuries. Storm tracked ENE from 10 miles E of Homer and touched down again just west of Bernice downing 3 more high voltage line towers. Homes, grocery store warehouse and stadium badly damaged in Bernice, Union Parish around 1:15 AM. Damage estimates 1.2 million.</p> <p>About 12:55 AM another tornado destroyed 4 house trailers 10 miles east of Farmersville.</p> <p>A third twister started over Lake Bistineau damaging houses and trailers; took roof off of dairy building; crossed Highway 7 and slammed into Heflin, Webster Parish, ripping roof from high school around 1:45 AM May 7.</p> <p>A tornado touched down briefly 6 miles SSE Monroe at 4:10 AM uprooting trees and damaging homes and house trailers.</p> <p>Also at 4:10 AM another tornado touched down 2 miles SW of Darnell near Epps in West Carroll Parish destroying transmission lines, flipping trailers and causing 4 minor injuries. Damage to barns, outbuildings, roofs was extensive. Storm moved south of Lake Providence, East Carroll Parish exploding roof from brick home; flattened a trailer and turned another upside down; damaged other buildings along Homestead Road.</p>										
Vermillion-Lafayette Parishes	7	12:20 PM				0	0	?	0	Tornado
Public reported tornado about 2 miles southwest of Lafayette. Lake Charles radar also indicated one near Abbeville moving northeast.										
Catahoula Parish	8	5 PM				0	0	3	4	Hail
Baseball hail Harrisonburg area.										
Lafourche Parish	11	11 AM				1	1	4	0	High Winds
Worker on rig was killed when wind toppled derrick onto car near Chahoula.										
Northern Parishes	11	8-11 PM				0	0	4	0	Severe Thunderstorms
A series of severe thunderstorms knocked down trees and power lines and damaged roofs and trailers at many places throughout northern Louisiana. Shreveport reported gusts from WNW 67 MPH at 8:15 PM. A funnel cloud was spotted at Rocky Branch, 12 miles NW of Monroe at 9:30 PM. The east side of Ruston had damage about 9:55 PM. Mobile homes were overturned near St. Joseph at 10:50 PM.										
Caddo Parish	12	12:35 AM	4	50-75		0	0	5	0	Tornado
Tornado touched down at least 3 times along a 4 mile path at Forbing. An aircraft and hanger, roofs and trees received damage.										

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
LATE REPORTS										
LOUISIANA (continued)										
Northern Parishes	12	6-10 PM				0	0	4	0	Severe Thunderstorms
High winds and hail were reported from many parishes. One inch hail occurred in Caddo, Bossier and Desoto Parishes. Downtown Airport in Shreveport had gusts to 59 MPH at 6:30 PM. Funnel clouds were spotted in south part of Shreveport east of Bossier City and north of Mansfield.										
Ouachita Parish	16	5:20 PM				0	0	3	0	Hail
Golfball hail reported in south part of Monroe.										
Southern Parishes	17					0	1	4	0	Severe Thunderstorms
Flooding due to 5 inches of rain occurred Lafayette-Broussard area. Golfball hail and winds to 60 MPH reported near Hammond at 12:15 PM. Golfball hail at Luling at 2:30 PM. 15-year old boy was injured by lightning that knocked large hole in roof and set fire to house in south part of Baton Rouge at 9:05 PM.										
Concordia Parish	28	7 PM				0	0	3	0	Severe Thunderstorms
High winds damaged utility lines and trees in Harrisonburg-Jonesville area.										
NEW MEXICO										
19 Miles North of Melrose, Curry County	31	2:30p				0	0	0	0	Funnel Clouds
Two funnel clouds reported.										
TEXAS										
SOUTHERN										
Beaumont, Jefferson Co.	2-3	11:50 pm -12:30am	1	200		0	0	4	0	Wind
Thunderstorms produced high winds over the city but significant damage was confined to a small area near Highway 90 and Major Drive. Strong wind gusts blew down trees, damaged roofs, bent antennas and broke windows. A garage collapsed on poty Drive and a lumber company received building and material damage. Damage estimate \$20,000.										
Galveston Bay, Galveston Co.	22	8:45am	?	?		0	0	0	0	Waterspout
Waterspout was observed in the bay just offshore from Galveston city. It dissipated without causing damage.										
WISCONSIN										
Kewaunee County	8	5:30 pm				0	0	?	?	Tornado
A pair of tornadoes struck within minutes of each other in the Luxemburg area between 5:30 p.m. and 6 p.m. on the afternoon of May 8th. One funnel destroyed two buildings 1 1/2 miles west of Luxemburg on Highway 54 while another funnel reportedly destroyed a large pole building 2 1/2 miles southeast of Luxemburg.										
Southeast	12-14					0	0	?	?	Wind, heavy rain
A combination of high wind and heavy rainfall from Thursday evening of the 12th through Sunday night of the 14th resulted in numerous reports of basement flooding and sewer backups in many communities in southeast Wisconsin. As much as 6 to 8 inches of rainfall was reported during the weekend in a number of southeast Wisconsin counties. At Milwaukee where 3.8 inches fell, a radio tower was downed and a British tanker was grounded as winds at Mitchell Field gusted to 52mph. Heavy soil erosion and crop damage due to excessive runoff was reported in rural areas of southeast Wisconsin, according to soil conservation authorities. Some flooding was also reported on the Fox, Sheboygan, Menomonee, Root and Milwaukee Rivers with at least one bridge washed out.										
Lafayette County	19	8:30 pm				0	0	?	?	Wind
Strong winds destroyed a barn 4 miles west of Benon in Lafayette County during the evening of the 19th.										
West Central	26	Afternoon & evening				0	0	?	?	Severe thunderstorms
Heavy thunderstorms reportedly downed trees and power lines in Wisconsin's west central counties on the afternoon and evening of the 8th.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED [†] DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED [†] DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
LATE REPORTS																			
WISCONSIN (continued) MAY 1978																			
Clark, Marathon and Winnebago Counties	27	Afternoon & evening	-	-	0	0	?	?	Severe thunderstorms										
Severe thunderstorm damage was reported during the late afternoon hours in the Abbotsford-Colby area in Clark County and during the evening hours in the New London area in Winnebago County. Wind damage to mobile homes was reported at Colby and Spencer in extreme eastern Clark County. At Colby high winds reportedly flipped one mobile home on top of another around 4:05 pm. Power was knocked out in Marathon County as severe thunderstorms downed trees on powerlines during the late afternoon hours. Tree limbs and powerlines were also reported down in the New London area in Winnebago county as severe thunderstorms passed through that area during the evening hours.																			
Crawford	28	4 pm	-	-	0	0	?	?	Severe thunderstorm										
High winds during a severe thunderstorm destroyed a barn in rural Eastman in Crawford County around 4 pm on the 28th.																			
Dodge	31	Late afternoon	-	-	0	0	?	?	Hail										
Golf ball sized hail was reported at Beaver Dam and Juneau in Dodge county																			

- o Includes crop damage.
- C Crop damage.
- * Miles instead of yards.
- ** Yards instead of miles.
- † Storm damages are placed in categories varying from 1 to 9 as follows:
 - 1 Less than \$50
 - 2 \$50 to \$500
 - 3 \$500 to \$5,000
 - 4 \$5,000 to \$50,000
 - 5 \$50,000 to \$500,000
 - 6 \$500,000 to \$5 Million
 - 7 \$5 Million to \$50 Million
 - 8 \$50 Million to \$500 Million
 - 9 \$500 Million to \$ 5 Billion

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all-inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.

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