

APRIL 1978

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STORM DATA



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

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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										
Lauderdale County	18	1:30a	0	0	0	2	4	0	Windstorm	A severe thunderstorm caused wind damage in the community of Zip City about 10 miles north of Florence. Two mobile homes were destroyed, two damaged, one house was damaged, and two people injured.
Lawrence County	18	2:00a	7	35	0	0	5	0	Tornado	A tornado touched down about 1 1/2 miles east of Town Creek and traveled east to the community of Courtland. One house was heavily damaged and numerous others had minor damage. Eight cars, three barns and three mobile homes were also damaged, a paper mill had extensive damage and a metal building was completely destroyed.
Clay County	18	6:00a	**600	100	0	0	4	0	Tornado	A small tornado touched down just south of Mellow Valley causing heavy damage to a mobile home, and some minor damage to a house and trees.
Elmore County	18	6:05a	0	0	0	0	4	0	Windstorm	A severe thunderstorm caused some wind damage at Eclectic. A roof was damaged at a dairy farm, two sheds blown over, and trees and power lines were downed. Several homes had minor damage. The same storm overturned a mobile home and damaged a store roof at Beaverville.
Monroe County	18	6:50a	0	0	0	0	5	0	Windstorm	A severe thunderstorm caused extensive wind damage to a trailer park at Mexia. Eight trailers were heavily damaged, 16 partly damaged, and two houses had minor damage.
Butler County	18	7:30a	0	0	0	0	4	0	Windstorm	A severe thunderstorm destroyed a barn, blew the roofs off two chicken houses, and uprooted trees near Bushy Creek.
Cullman County	18	1:25p	0	0	0	0	0	0	Hail	Golf ball size hail fell at the Cullman Airport during a severe thunderstorm.
Jefferson County	18	1:50p	0	0	0	0	0	0	Hail	Hail a little larger than golf balls fell near Million Dollar Lake, south of Bessemer, during a severe thunderstorm.
Narengo County	18	2:00p	0	0	0	0	6	0	Hail	Hail up to grapefruit size fell during a severe thunderstorm at Linden, causing extensive damage to 300 automobiles, 100 trucks, and 10 tractors. Windows were broken and roofs damaged on 110 homes and other buildings.
Lowndes County	18	3:00p	**100	20	0	0	0	0	Tornado	A small tornado touched down near Lowndesboro about 20 miles west of Montgomery, causing some minor damage to trees.
Stowah County	18	3:15p	0	0	0	0	0	0	Hail	One inch hail reported just east of Gadsden during a severe thunderstorm.
Montgomery County	18	3:15p	0	0	0	0	0	0	Hail	Golf ball size hail fell in Montgomery during a severe thunderstorm.
Chilton County	18	3:30p	0	0	0	0	0	0	Hail	Three-fourths inch hail covered the ground after a severe thunderstorm at the University of Auburn Experiment Station in Thorsby.
Monroe County	18	5:00p	12	220	0	30	6	0	Tornado	A tornado touched down in the Limestone Community near Monroeville and traveled northeast to Peterman. Twenty-five houses were destroyed or damaged, 20 businesses were damaged, one trailer destroyed and 30 people were injured.
Coosa County	18	5:15p	**200	80	0	0	4	0	Tornado	A small tornado touched down in Weogufka destroying a general store and laundromat. One house and a church had minor damage.
Butler County	18	5:30p	0	0	0	0	3	3	Windstorm and Hail	A severe thunderstorm caused some wind damage in the Chapman, Georgiana, and Bushy Creek area. One house was damaged, one barn destroyed, and numerous trees and power lines were downed. Hail and heavy rain from the same storm destroyed 7 1/2 acres of tobacco at Bushy Creek.
ALABAMA (continued)										
DeKalb County	18	5:30p	0	0	0	0	4	0	Windstorm	Severe thunderstorm winds caused some damage to farm buildings near Collinsville. A roof was ripped off a hog barn, another barn was destroyed, and two chicken houses were damaged.
Crenshaw County	18	7:30p	0	0	0	0	0	0	Hail	A severe thunderstorm produced golf ball size hail and high winds in the Brantley and Dozier areas.
Coffee County	18	8:32p	1/4	100	0	0	4	0	Tornado	A small tornado touched down 10 miles north of Elba, damaging a barn, three trailers, one trailer house and one home.
Dallas County	18	9:31p	0	0	0	0	0	0	Hail	Golf ball size hail fell in Selma during a severe thunderstorm.
Montgomery County	18	11:38p	3/4	420	0	3	5	0	Tornado, Wind Gust and Hail	A tornado touched down near highway 331 on the southside of Montgomery. It lifted and touched down a second time less than two miles to the east. Thirty-five houses and other buildings were damaged, three mobile homes were destroyed, several cars damaged, and trees and power lines were downed. Three people were injured. The same thunderstorm that produced the tornado also produced a 67 MPH wind gust at Dannelly Field near Montgomery around 11p, and golf ball size hail in the city of Montgomery at 11:15p.
DeKalb County	24	5:56p	0	0	0	0	0	0	Funnel Cloud	State police reported a funnel cloud over Rainsville moving to the east. It did not touch down.
Cullman County	24	6:15p	0	0	0	0	0	0	Funnel Cloud	A funnel cloud was first spotted near Addison in eastern Winston County near the Cullman/Winston County line. It moved east across northern Cullman County then dissipated.
DeKalb County	24	6:15p	0	0	0	0	0	0	Hail	Marble size hail fell about half way between Fort Payne and Hammondville. It accumulated on the ground, and I-59 and U.S. highway 11 had to be closed for a short time. The same storm produced one inch hail six miles north of Fort Payne.
Jefferson County	24	8:00p	**100	50	0	0	3	0	Tornado and Hail	A small tornado touched down briefly at Bayview, about 13 miles west of the Birmingham airport. Three houses had minor damage, and trees and power lines were blown over. The same storm produced marble size hail that covered the ground. The hail was still over one inch deep 1 1/2 hours after the storm.
Walker County	30	11:20p	0	0	0	0	0	0	Hail	One inch hail fell just east of Jasper during a severe thunderstorm.
ALASKA										
Western Aleutians	1-2				0	0	2	0	Wind	A storm suddenly developed about 300 miles south of Attu on the evening of April 1. The storm intensified and moved north on a track just east of Attu, the westernmost island in the Aleutian chain. Southerly winds gusted to 80 knots at Shemya Air Force Base during the early morning hours of April 2; the Air Force Base control tower was closed for about 2 hours. Damage was minor.
Southcentral	26				0	0	4	0	Wind and dust	An unusually strong occluded front moved northward out of the Gulf of Alaska in the early morning hours of April 26. Strong pressure rises followed the front as it moved over the Kenai Peninsula and southcentral Alaska during the morning. By 8AM, east winds estimated to 50 miles an hour were blowing in east Anchorage and visibility was restricted by blowing dust. There was minor damage due to wind and dust throughout the Anchorage area - mainly in the east part of the city near the Chugach mountains. The wind and blowing dust abated early in the afternoon. As the occluded front moved northward, it set off a thunderstorm in Fairbanks - the first thunderstorm ever officially reported at the Fairbanks weather station in April. Pea size hail fell in the hills northeast of Fairbanks on the afternoon of the 26th.
ARIZONA										
									NONE REPORTED	

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ARKANSAS									
Near Siloam Springs - Benton County	5	11:00 p.			0	0	5	0	Wind
									Thunderstorms moving through the county produced strong winds that damaged or destroyed several farm buildings. Some livestock was also killed.
3 Miles West of Fort Smith - Sebastian County on the Arkansas-Oklahoma State Line	17	12:30 p.			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
Fairfield Bay Resort on Greers Ferry Reservoir - Cleburne County	17	6:40 p. to 7:00 p.			0	0	5	0	Wind
									Thunderstorms produced strong winds that heavily damaged the Fairfield Bay Marina on Greers Ferry Reservoir. Damage was estimated between 130 and 150 thousand dollars.
1 Mile North of Scott - Pulaski-Lonoke County Line Northeastward to 5 Miles North of Brinkley - Monroe County	17	8:10 p. to 9:25 p.	55	250	0	7	6	0	Tornado
									A tornado first touched down at the Walker's Corner Community located just north of Scott. Two persons were injured as the tornado struck a farm. It then tracked northeastward, and next struck the town of Lonoke where major damage and five injuries occurred. In Lonoke, eleven homes were destroyed; of these eleven, four were mobile homes. Forty-four homes suffered major damage and ninety-seven homes suffered minor damage. The tornado continued northeastward and only spotted damage was reported over the next several miles. The last area damaged was located five miles north of Brinkley. Total damage was estimated at over a million dollars with most of the damage occurring in Lonoke. The thunderstorm cell which produced this tornado also produced funnel clouds 12 miles northwest of Arkadelphia in Clark County and near Poyen in Grant County.
One Mile Southeast of Warren - Bradley County	17	9:25 p.	** 200	25	0	0	0	0	Tornado
									A tornado moving northeastward touched down briefly in an open area. No damage was reported.
One Mile Southwest of Milo to 7 Miles Northeast of Milo - Ashley County	17	9:40 p. to 9:50 p.	8	500	0	3	5	0	Tornado
									A tornado touched down southwest of town and moved northeastward. Fifteen buildings were damaged or destroyed. Two of the injuries occurred in a mobile home that was destroyed. Damage was estimated at over 125 thousand dollars.
Texarkana - Miller County	22	6:25 p. to 6:45 p.			0	0	7	0	Hail
									A severe hailstorm hit the Texarkana area and inflicted extremely heavy damage. Hailstones ranged from golf-ball to baseball sized. Total damage was estimated at over 15.4 million dollars which included 10 million dollars damage to residences and commercial businesses and 5.4 million dollars damage to autos, campers, and mobile homes.
Degray Lake - Clark County	22	Evening			0	2	0	0	Lightning
									A group of Girl Scouts camping at Degray Lake were struck by lightning while sleeping in a tent. Two of the Scouts sustained minor burns.
On U.S. Highway 70 Just West of Hot Springs - Garland County	22	7:10 p.			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail but no damage was reported.
Western Hot Springs - Garland County	22	7:10 p.							Funnel Clouds
									Three funnel clouds were reported by the public. Movement of the funnels was to the northeast.
Ferndale - Pulaski County	22	8:07 p.			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.

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ARKANSAS (continued)									
Near Leola - Grant County	22	8:45 p.							Funnel Cloud
									Public reported a funnel cloud. No movement was given.
Adams Field Airport in Little Rock - Pulaski County	22	8:50 p.			0	0	3	0	Wind
									Rapidly moving thunderstorms produced wind gusts up to 60 miles an hour. Tree and power line damage was reported.
Five Miles East of Little Rock Air Force Base - Lonoke County	22	8:55 p.							Funnel Cloud
									A REACT storm spotter sighted a funnel cloud moving toward the northeast.
One Mile North of Scott - Pulaski - Lonoke County Line	22	8:57 p. to 9:10 p.	9	50	0	0	3	0	Tornado
									A tornado moving northeastward touched at the Walker's Corner Community. Trees, power lines, and some farm machinery were damaged. The tornado lifted back into the clouds 3 miles southwest of the town of Lonoke. The thunderstorm cell which produced the tornado also produced funnel clouds 10 miles southwest of Malvern, over southwestern Little Rock, over Adams Field Airport in Little Rock, and three miles south of Carlisle in Lonoke County.
10 Miles Southwest of Malvern near Donaldson - Hot Springs County	22	9:50 p.	** 100	25	0	0	0	0	Tornado
									A tornado moving northeastward touched down briefly in an open area. No damage was reported.
Between Tull and Prattsville - Grant County	22	10:58 p.							Funnel Cloud
									Public reported a funnel cloud. No movement was given.
Benton - Saline County	24	11:00 a.			0	0	0	0	Wind
									Thunderstorms moving through the area produced wind gusts up to 60 miles an hour, however no damage was reported.
Stone County	30	3:25 p.			0	0	0	0	Hail
									Thunderstorms produced hail up to one inch in diameter, however no damage was reported since the hail fell in sparsely populated areas.
Carroll and Boone Counties	30	3:45 p. to 4:52 p.			0	0	7	?	Hail
									Heavy thunderstorms produced golf-ball sized hail and wind gusts up to 50 miles an hour. The Harrison area in Boone County was the hardest hit when the large hail covered the ground up to twelve inches deep in some places. Damage estimates ranged from between 12 and 14 million dollars.
Independence County	30	4:00 p.			0	0	5	?	Hail
									Heavy thunderstorms produced hail up to one inch in diameter at several locations in the county. Many homes and autos sustained damage. Damage was estimated at almost a million dollars.
Just North of West Helena - Phillips County	30	7:55 p.							Funnel Cloud
									Public reported a funnel cloud. No movement was given.
Greers Ferry Reservoir - Cleburne County	30	8:05 p.			0	0	0	0	Hail
									Thunderstorms briefly produced golf-ball sized hail. No damage was reported.
CALIFORNIA									
NORTHERN & CENTRAL									
Chico area, Butte County	1	1425							Funnel aloft Electrical
									Funnel cloud northwest of Chico airport observed by Chico FAA Tower for two minutes.
Corning area, Tehama County	6	1200							Funnel aloft
									Funnel cloud observed three to five miles west of town of Corning near Interstate Highway 5. Not observed to reach the ground.

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CALIFORNIA (continued)										
NORTHERN & CENTRAL										
Oakdale area, Stanislaus County	25	1525								Funnel aloft
Numerous reports from general public of sighting a funnel just east of town of Oakdale. Funnel movement unknown with parent cloud shortlived.										
Stockton area, San Joaquin County	30	1726								Funnel aloft
Pacific Southwest Airlines pilot awaiting departure from Stockton airport observed a funnel approximately ten miles north of Stockton. Funnel dissipated at 1728. National Weather Service observer at Stockton airport from the roof of the terminal building did observe an unusual cloud formation however did not see the funnel reported by the pilot.										
CALIFORNIA SOUTHERN										
NO REPORT RECEIVED										
COLORADO										
Durango	01	0945			0	0	?	0		Thunderstorm
65 mph wind reported with small hail covering ground to a depth of one inch at the airport.										
Cortez	01	0945			0	0	?	0		Thunderstorm
65 mph wind reported at airport.										
La Junta	01	1600			0	0	?	0		High Wind
71 mph gust recorded at airport.										
Denver	03	1625			0	0	0	0		Dust Devil
First reported as a tornado, 3 miles north of Stapleton Airport, and later confirmed as a large dust devil. Dissipated at 1632.										
Huerfano and Pueblo Counties	09	morning			0	0	?	0		High Winds
Following a cold front, winds knocked down power lines, uprooted trees. At Pueblo airport, a gust of 68 mph was recorded.										
Pueblo	17	morning			0	0	?	0		High Winds
Following a cold front, winds knocked down some road signs, street lights and trees. At Pueblo airport, a gust of 67 mph was recorded.										
Northeast Foothills	17	evening			0	0	?	0		High Winds
Winds estimated 70 mph at Morrison, to the west of Denver. A peak wind of 63 mph was reported at Fort Collins.										
Mountains and Eastern Plains San Luis Valley	18	all day			0	0	3	4		High Winds
Following a cold front, winds stirred up dust, reducing visibility to a mile or less, for much of the day in San Luis Valley and northeast plains. The wheat crop was damaged in many areas. Winds up to 80 mph were reported at Burlington. Buildings were damaged and some power lines knocked down in the Greeley area. Gusts up to 80 to 96 mph were reported in the Boulder area, with 77 mph at Fort Collins, 80 mph at Lookout Mountain and Berthoud pass; and with 114 mph recorded at Mines Peak, blowing snow made travel difficult and hazardous over many mountain passes.										
Western Valleys	18	morning			0	0	0	5		Freeze
Temperatures dropping to near record lows in the lower 20's caused serious losses in the fruit orchards.										
CONNECTICUT										
NONE REPORTED										
DELAWARE										
SEE END OF TABLE										
FLORIDA										
Key West, Monroe County	7	6:14PM EST			0	0	0	0		Waterspout
A waterspout was observed 0 miles west of Key West moving to the west.										
Pensacola, Escambia County	13	6:00PM CST			0	0	5	0		Severe thunderstorm
A severe thunderstorm accompanied by 56 mph winds and 4 inches of rain struck the Pensacola area. Near the municipal airport the roofs of four town houses were blown off and the adjacent racquet club had heavy damage. Damage estimates were in excess of \$50,000.										
Fernandino Beach, Nassau County	18	4:45PM EST	0.3	20	0	0	0	4		Tornado
A small tornado touched down briefly destroying a trailer and damaging a home. Damage was estimated \$15,000.										
FLORIDA (continued)										
Ormond Beach, Volusia County	18	6:45PM EST	0.5	20	0	0	5	0		Tornado
A large mobile home was rolled 200 feet and destroyed. A woman and four children inside were not injured. Several homes in the area sustained roof damage and there was damage at a sport complex. Damage in the area was estimated \$25,000.										
Pine Lakes, Lake County	18	6:45PM EST	1.0	50	0	0	5	0		Tornado
A tornado moved through a large mobile home complex destroying one mobile home with sections of many mobile homes damaged. Numerous trees and power lines were toppled. Damage was estimated \$100,000.										
Alachua and Union Counties	19	7:30 - 8:00 AM EST			0	0	5	7		Heavy hail and high winds
Extensive hail accompanied by high winds produced heavy losses to vegetables, soybeans, corn and tobacco crops in these counties. At least 12 large barns were demolished and a large number of small barns were damaged. Total losses were estimated \$5,150,000.										
La-Crosse, Alachua County	19	7:40AM EST	1.0	50	0	6	5	0		Tornado
A tornado moved through the outskirts of La-Crosse destroying 8 mobile homes and heavily damaging 25 other mobile homes and houses. Damage was estimated near \$100,000.										
Silver Springs Shores, Marion County	19	10:00AM EST			1	0	0	0		Lightning
A construction worker standing on a metal ladder was killed when lightning struck a nearby tree and apparently ran along the roots to the ladder, electrocuting him.										
Bellevue, Marion County	19	10:03AM EST	5.0	100	0	14	6	0		Tornado
A large tornado moved through the Bellevue-Candler area destroying 37 mobile homes, 6 others had heavy damage, and 31 suffered moderate damage. 2 conventional homes were total losses and 4 others were moderately damaged. A large tractor/trailer was also overturned injuring the driver. There was a total of 14 injuries, but only one was serious. Total damage in the area was estimated more than \$700,000.										
Shockley Hills, Lake County	19	11:07AM EST	1.0	50	0	0	6	0		Tornado
A tornado struck a large mobile home park near Alexander Springs in northeast Lake County. Between 30 and 40 homes were heavily damaged. Two large mobile homes were totally destroyed. Many trees were uprooted and power lines down. Damage was estimated \$500,000.										
Goulds, Dade County	19	3:00PM EST			0	0	0	5		Hail
Heavy rain and hail in farming areas around Goulds caused crop damage estimated near \$150,000. Most hail was around one half inch in diameter.										
Miami, Dade County	23	9:30-10:30PM EST	12.0	50	0	10	4	0		Wind/Funnel Cloud Aloft
A fast moving squall line swept across Dade County producing widespread minor damage with gusts of 51 mph recorded in Coral Gables. A possible funnel cloud aloft was first reported near the Tamiami airport then bowed across northern Dade County and produced extensive window damage at the Americana Hotel on Bal Harbor. 10 people were injured by flying glass.										
Fiesta Key, Monroe County	24	8:48AM EST			0	0	0	0		Waterspout
A large water spout was observed by the Coast Guard near Fiesta Key in the middle Keys. There was no damage.										
Hollywood, Broward County	24	3:45PM EST			0	0	0	0		Funnel cloud aloft
A funnel cloud aloft was observed by the Florida Highway Patrol west of Hollywood. There were no reports of damage.										
GEORGIA										
Colquitt and Cook Counties	18	12:30 p	9	75	0	0	4	0		Tornado
A mini-tornado apparently skipped its way from near Berlin, in Colquitt County, to just southwest of Adel, in Cook County, between 12:30 - 1:00 PM. One mobile home was destroyed in Berlin, and several other buildings were damaged. Cook County suffered most tree damage.										
Thomas County	18	2:00 p			0	0	4	0		Winds
A thunderstorm with strong straight-line winds or a "downdraft" struck Ellabelle, destroying a mobile home and uprooting several trees. Roofs of several barns were tipped off.										
Appling County	18	3:00 p			0	0	3	?		Wind, Hail
A thunderstorm produced wind damage just southeast of Bakley, blowing off barn roofs, and uprooting trees. Some hail was reported also, damaging tobacco and wheat crops.										

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GEORGIA (continued)									
Wayne County	18	3:15 p			0	1	5	0	Wind
		A "downburst" struck on the north side of Jesup in a thunderstorm. Two mobile homes were destroyed with one person suffering a leg injury in one of them. Some roof damage also occurred to buildings with signs blown down, windows broken, and 10 other mobile homes were damaged.							
McIntosh County	18	4:00 p			0	0	4	0	Wind
		A thunderstorm destroyed a mobile home, uprooted trees, and damaged some roofs near Townsend.							
Cedartown, Polk Counties	18	5:05 p	4	200	0	0	5	0	Tornado
		A tornado struck the Pine Row area, about 5 miles southwest of Cedartown. Damage consisted of 2 homes destroyed, 1 severely damaged, 3 mobile homes destroyed, along with 1 barn and 8 service buildings. It travelled ENE or NE for the first 3 miles, then turned to the ESE for the last mile. 2 1/2 diameter hail was reported with the tornado.							
Rome, Floyd County	18	10:15 p			0	0	6	3	Hail
		An intense hailstorm swept Floyd County mainly in the south portions. Several reports of golf ball size hail were received, with one report of baseball size. The hail covered the ground up to a depth of 4 inches in places, and coated the roads with ice. Most of the damage (about 80%) was done to cars, and roofs also suffered extensive damage. Damage was somewhat in excess of \$1 million. Other hail reports were received from north Fulton, Cobb, and Paulding counties between 9 PM and midnight.							
Forsythe, Hall Counties	18	11:30 p			0	0	4	0	Wind
		A thunderstorm downburst destroyed 5 chicken houses in Forsythe Co. killing thousands of chickens. Wind damage was also reported in Hall County as the storm moved through.							
Lovens County	25	5:00 p			0	0	4	0	Wind
		A thunderstorm struck the northwest part of the county, demolishing farm buildings, ripping off the roof of a school, and downing power lines. About 1" of rain was reported in 10 minutes.							
HAWAII									
4 mi. SW of Moloai	21	8:01a.							Funnel cloud
IDAHO									
Idaho Falls, Bonneville County	7	2:20 p	1	30	0	1	6	0	Tornado
		A tornado struck the northeast portion of the city moving toward the north-northeast. Several buildings were heavily damaged including the Bureau of Land Management office and a Circle K store. The clerk in the store received very minor injuries. Damage to an irrigation firm was estimated at \$250,000. Numerous automobiles were damaged. Claims for damage to nine homes, 23 businesses, and between 50 to 75 miscellaneous personal property losses were submitted to the Small Business Administration.							
Near Holbrook, Oneida County	15	11:30 a							Funnel Cloud
		A funnel cloud extended down from a thunderstorm for about 5 minutes and then retreated back into the storm without touching the ground.							
Near Cottonwood, Idaho County	27	2:00 a			0	0	4	0	Flash Flood
		Heavy rains overnight resulted in flooding of Graves Creek which washed out a nearby road and bridge abutment. Cattle pens at the lower end of the canyon were damaged.							
ILLINOIS									
Gallatin County	6	About 10:30am			0	0	5	0	Windstorm
		Strong winds struck a farm located 1 1/2 miles southeast of Ridgway and then hit 2 other farms south of New Haven. Several barns, sheds and grain bins were destroyed or heavily damaged.							
ILLINOIS (continued)									
South Roxana, Madison County	10	About 1:30pm	0.5	100	0	0	5	0	Tornado
		A small funnel cloud developed just southwest of the 200 block of Illinois Avenue and moved northeast. The funnel apparently dropped down to the ground 3 times, with the heaviest losses occurring at a trailer court and a lounge. At the trailer court, a mobile home was overturned and destroyed and 3 other mobile homes were moved off their blocks and damaged. The roof of the Sports Beat Lounge was blown off and the roof of the Shell Oil canning plant was damaged. Also affected by the vicious winds were a pickup and camper shell damaged, 2 large trees uprooted, and several limbs knocked off other trees. Of the damaged mobile homes, all but 2 were tied down by either over-the-top metal straps, anchors to the frame, or both. The mobile home that was destroyed had both anchors and straps on the front and rear.							
Decatur, Macon County	18	2:12pm			0	0	?	0	Windstorm
		Gusts as high as 52 knots were reported at Decatur during an outbreak of thunderstorms over Central Illinois. No damage was reported.							
Southern Cook County	18	About 4:55pm-5:05pm	6.0	176	0	0	5	0	Tornado
		A funnel cloud spotted by at least 5 observers along its path dipped down to the earth and became a tornado as it traveled to the northeast through southern Cook County. The whirling cloud was first seen over Orland Park, where minor damage was reported to a few homes. Touchdown of the tornado was in Palos Park. The next locality affected was the Palos Meadows subdivision in Palos Mills where witnesses reported seeing a "greenish" cloud as brief high winds ripped at roofing and tore gutters, broke fences and windows at several homes. In Bridgeview, the swirling winds blew off the roof of an auto dealership, with parts of the roof falling on many of the cars parked there, damaging at least a dozen of them. Nearby, the Guidish Mobile Home Park was also hit, with about 2 dozen mobile homes battered. At the Bridgeview Convalescent Center, next door to the auto dealer, a glass door was broken in the resident's cafeteria. The funnel was next spotted aloft over Bedford Park. The last evidence of the swirling winds was at Midway Airport, where a Cessna 150 was blown over by winds gusting to 49 knots at 5:06pm. The tornado blasted a path 6 miles long and .1 mile wide, from Palos Park to a point 2 miles south and 2 miles west of Midway Airport.							
Elk Grove Village, Cook County	18	About 5:30pm			0	0	4	0	Windstorm
		Strong winds in association with a severe thunderstorm hit 2 subdivisions in the vicinity of Merge Road, about 1/4 mile east of Meacham Road. Hundreds of shingles were ripped off roofs and several windows broken by the strong winds. Many T. V. antennas and chimneys were bent over or broken by the fierce gusts. About 10 homes were reported to have been damaged.							
INDIANA									
Lafayette, Tippecanoe County	6	1:05 PM	-	-	0	0	?	?	Wind and hail
		Area of strong thunderstorms produced hail and 55 mph wind one mile west of Purdue Airport.							
Brockfield, Shelby County	6	1:55 PM	-	-	0	0	?	0	Wind
		Strong wind downed several trees and utility poles.							
Howard County	6	2:24 PM	-	-	0	0	?	0	Wind
		Strong winds estimated 45 mph in the vicinity of Highway 31 and State Road 18 downed several TV antennas and trees.							
Muncie, Delaware County	6	2:50 PM	-	-	0	0	0	0	Wind
		Strong surface winds gusting to 65 mph reported from thunderstorm at Muncie Airport.							
Indianapolis, Marion County	6	3:29 PM	-	-	0	0	?	0	Wind
		Strong wind blew in plate glass window.							
Chesterfield, Madison County	6	2:30 PM	-	-	0	1	?	0	Wind, hail and heavy rain
		Strong winds damaged a restaurant and the Sheraton Inn in Chesterfield. Police reported ten cars damaged. Seven homes were damaged in the vicinity of the restaurant. A 21 foot travel trailer was turned upside down in the driveway of one of the homes. A motor home was reported blown off a highway. Trees were downed causing power outages. Severe street flooding was reported at several street intersections by the Anderson City Street Commissioner. One person was slightly injured.							

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	
INDIANA (continued)									
Buck Creek Tippecanoe County	10	1:15 PM	10	75	0	0	4	?	Tornado
			Tornado touchdown on farm one mile north of Buck Creek destroyed two barns, corrugated steel shed, windmill, several large trees, and a corrugated steel grain bin. Damage was estimated at \$40,000. Prior to the touchdown at Buck Creek the storm passed over a Travelodge Motel about 9 miles to the southwest in Lafayette, Indiana destroying a heavy plexiglass lighted sign.						
Fort Wayne Allen County	10	3:20 PM			0	0	5	0	Tornado
			A tornado initially struck a densely commercialized area damaging Stallers Store and Leath Furniture store. It apparently traveled another mile northeast before destroying a modular home and damaging a nearby house and car. A utility pole was blown down cutting off power to the neighborhood. Damage estimated at about \$75,000.						
Swanington Benton County	10	6:08 PM	-	-	0	0	?	0	Wind damage
			Strong wind damaged a building and blew several trees down. Wind was estimated at 50+ mph.						
Northeast Indianapolis Marion County	18	3:28 PM	-	-	0	0	?	?	Hail
			Quarter size hail reported in the vicinity of intersection I-465 and I-49.						
Centerville Wayne County	18	4:20 PM	0	0	0	0	0	0	Funnel cloud and hail
			Police reported a funnel cloud west of Centerville. One half to three quarter inch hail covered ground west of Centerville.						
Lafayette Tippecanoe County	23	7:00 PM	1/2	100	0	0	5	0	Tornado and hail
			Twenty-two mobile homes received extensive damage when a tornado swept through the middle of Friendly Village Trailer Park, one mile south of Lafayette. Several automobiles were damaged. Hail up to one inch in diameter was reported north of the tornado touchdown area. Damage was estimated over \$100,000.						
Howard County	23	8:20 PM	?	?	0	0	0	0	Tornado
			State police confirmed a brief touchdown of a tornado in an open area 4 miles south of Russiaville. No reports of damage.						
Southern Delaware County	23	9:23 PM	-	-	0	0	?	?	Hail
			State police reported golf ball size hail in southern Delaware County.						
North Lafayette Tippecanoe County	23	8:28 PM- 8:32 PM	-	-	0	0	0	0	Funnel cloud
			Tippecanoe County Sheriff reported funnel cloud north of Lafayette.						
Newcastle Henry County	23	9:35 PM	-	-	0	0	?	?	Hail
			County Sheriff reported large hail two miles west of Newcastle.						
IOWA									
Waterloo Airport Black Hawk County	3	6:30 P			0	0	4	0	Severe Thunderstorm
			Wind gusts of up to 70 MPH were recorded at the Airport. These winds damaged hangers and picked up and severely damaged an airplane.						
2 Mi. South of Maynard Fayette County	3	7:15 P			0	0	4	0	Severe Thunderstorm
			Wind gusts of 70 MPH pushed a barn off its foundation, destroyed a garage and a machine shed. Blew away several portable buildings and rolled over a grain dryer and LP tank.						
North Central Iowa - Approximately 15 miles wide by 70 long area from Dayton in Webster County to Eagle Grove in Wright County to Britt in Hancock County to Forest City in Winnebago County	17	1-3P			0	3	6	0	Severe Thunderstorm
			Severe thunderstorms produced winds of up to 80 miles an hour. These storms did extensive damage and caused 3 injuries. One man was injured at Ft. Dodge when a gust of wind blew him down. Two other people were injured when the rear wall of a clothing store collapsed. Many windows were blown out. Many trees were uprooted falling on cars and houses. Many farm buildings were damaged or destroyed. A 30 ft x 90 ft section of roof was ripped off a school in Badger and several metal type buildings collapsed in the wind.						

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					KILLED	INJURED	PROPERTY	CROPS	
KANSAS									
Summer County	1	7:15 p					4	0	Wind
			Dusty winds in advance of a thunderstorm moving northeast were estimated in excess of 55 mph. Principal damage was to a mobile home park east of Mulvane where one mobile home was destroyed and three others were damaged.						
Phillips County	5	5:30 p					5	0	Wind, funnel.
			Strong winds associated with thunderstorms moving northeast caused damage to farm buildings and structures as well as trees and utility lines in and near Glade and Phillipsburg. A funnel cloud was observed near Phillipsburg, but did not touch the ground.						
Smith County	5	5:44 p							Funnel cloud
			A funnel cloud was observed for a short time 10 to 15 miles southwest of Athol moving northeast.						
Jewell County	5	7:14 p							Funnel clouds
			Two funnel clouds were observed southwest of Fabon moving northeast at about 20 mph.						
McPerson County	5	7:30 p			0	1	4	0	Wind
			Winds estimated at greater than 55 mph occurred with a thunderstorm moving northeast. Damage was to trees and utility lines and two mobile homes were destroyed. One woman was slightly injured when her mobile home was destroyed. Damage was 1 mile east of McPerson.						
Douglas County	5	9:30- 10:10 p					5	0	Wind
			A strong thunderstorm moving rapidly northeast was accompanied by wind gusts of 60 to 65 mph, heavy rain, and small hail. Damage was to farm buildings, mobile homes, and utility lines over an intermittent path from 3 miles west of Baldwin to 1 mile south of Eudora.						
Johnson County	5	10:30 p					6	0	Wind
			Wind gusts estimated 60 to 70 mph occurred with a strong thunderstorm moving rapidly northeast. Damage from the southwest edge of Olathe to south central Overland Park was to homes, apartments, businesses and utility lines.						
Crawford County	6	12:05 a	1/4	10	0	0	5	0	Tornado
			A tornado touched down briefly 1/4 mile east of Pittsburg and lifted moving northeast. Damage was to greenhouse, four residences, several outbuildings, and a semi-trailer truck.						
Thomas County	8	6:40 p					3	0	Hail
			A thunderstorm moving northeast produced hail to 3/4 inch in diameter at Colby causing minor damage to roofs and trees.						
Cheyenne, Rawlins, Sherman, Thomas, Wallace, and Logan Counties	18	Morning					4	0	Wind
			Strong winds caused minor roof and tree damage, destroyed a mobile home and nearby cars south of Goodland. Winds gusted to 74 mph at Goodland and unofficial reports of 80 to 100 mph near the Kansas-Colorado border.						
Ford County	30	4:45 p							Funnel cloud
			A funnel cloud was observed moving northeast about 12 miles southwest of Dodge City.						
Sedgwick County	30	4:50					3	0	Hail
			Hail to 1-1/4 inches in diameter was reported in the south portion of Wichita. No significant damage was reported.						
Clark, Ford, and Neade Counties	30	5:00- 7:00 p	30	83-6	0	0	5	6	Hail, rain
			Heavy thunderstorms moving slowly northeast caused considerable hail and heavy rain across northern Neade, northeast Clark, and southern Ford counties. In addition to crop damage by hail, flash flooding trapped some livestock and standing water damaged crops.						
KENTUCKY									
TAYLOR CY	6	2PM EST					4		SEVERE TSTM
			A thunderstorm caused heavy property damage especially in the SALOMA, SPURLINETON and SPECK RIDGE communities. Hail the size of hen's eggs was reported. Three barns, a shed, and a car were damaged.						
BOYD CY	6	5PM EST					4		SVR TSTM
			High winds blew down the steeple atop the First Baptist Church of Kenova.						

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					KILLED	INJURED	PROPERTY	CROPS	
KENTUCKY (continued)									
CHRISTIAN CY	9	11AM CST				1			SVR TSTM
		A storm with heavy rain, lightning, and hail hit Hopkinsville. A 4 year old child was hurt when a tree crashed thru a window of her house. Two inches of rain in 30 minutes caused flash flooding, closing some highways.							
GRAYSON CY	13	12PM CST					4		SVR TSTM
		High winds blew over a large grain bin just west of Caneyville.							
HOPKINS CY	18	4AM EST					4		SVR TSTM
		High winds blew down numerous trees, 3 barns, and a shed.							
LOUISIANA									
Caddo Parish	17	6:49 PM	5	100	0	14	6	0	Tornado
		Cone shaped tornado first touched down on east side of the regional airport and moved northeast through the Mooretown area and ended at the city hall in downtown Shreveport. The Weather Service office registered winds to 52 knots. Twelve homes were destroyed; 30 suffered major and 110 minor damage. Atlas Refinery had insulation ripped from some storage tanks. The main radio antenna at police headquarters buckled.							
		A funnel cloud and heavy marble-size hail was reported about two miles north of the tornado about the same time.							
		Of the fourteen injuries, nine were treated at hospitals but none were considered serious.							
Webster-Claiborne Parishes	17	7:30-7:50 PM			0	0	4	?	Severe Thunderstorm
		The same thunderstorm moved rapidly northeast producing wind damage to roofs, trees and utility lines about four miles north of Minden, five miles southwest of Homer and in the communities of St. John, Harris, Ruple and Lisbon. It later caused damage near Hamburg, AR and Shaw, MS.							
Natchitoches Parish	17	7:35 PM			0	1	4	0	Severe Thunderstorm
		High winds overturned house trailer about 3 miles north of Campti causing chest injuries and electrical shock to Jerry Foster, age 15. Other trailers and barns were damaged in the area and trees were uprooted in Natchitoches.							
Tangipahoa Parish	18	3:40 AM			0	0	4	4	Severe Thunderstorm
		High winds felled about 25 oak trees at the Wayne Stevens farm southeast of Bllivar. House and dairy barn were damaged by falling trees and hail.							
Northern Parishes	24	afternoon and evening			0	0	4	?	Severe Thunderstorm
		High winds knocked down trees south of Bastrop, Moorehouse Parish, around 3:30 PM.							
		Hail up to one inch in diameter pelted the Lisbon area in Claiborne Parish about 7:42 PM.							
		Marble-size hail occurred in Union Parish at Bernice at 9:20 PM.							
		Trees and power lines were downed in Monroe, Ouachita Parish.							
MAINE									
			NONE REPORTED						
MARYLAND & D.C.			SEE END OF TABLE						
MASSACHUSETTS			NONE REPORTED						
MICHIGAN									
An area West of Gwinn and Iron Mountain	9,10	Evening, Early Morning			0	0	4		Ice Storm
		Scattered damage to poles and utility lines throughout the area. Many tree branches down on lawns and roadways and some TV antennas toppled. Hardest hit was Houghton and Calumet in the Keweenaw Peninsula.							
MICHIGAN (continued)									
10 SW Mt. Clemens Macomb	11	2:05 p.m.							Funnel Cloud
2 1/2 SE North Branch Lapeer	11	2:36 p.m.	1 1/2	30	0	0	0	0	Tornado
		Touched down briefly in an open field causing little if any damage. Funnel was visible as a hook echo on Selfridge ANGB radar.							
7 NE Brown City Sanilac	11	2:51 p.m.	2	35	0	0	2		Tornado
		Touched down briefly along Melvin Road overturning a farm wagon. It then lifted, but remained visible as a funnel cloud, traveling ENE before disappearing from view over Lake Huron.							
2 SSE Carleton Monroe	19	Afternoon							Funnel Cloud
		Sighted near Preadwells Mobile Home Park moving east. The funnel continued east and finally moved out over Lake Erie. 1/4 to 1/2 inch hail was associated with this sighting.							
MINNESOTA									
Spicer Kandiyohi County	2	2:00PM	-	-	0	0	4	0	Wind
		Wind in excess of 60 mph blew down elevator catwalk. Structure destroyed but minimal damage to two semi-truck trailers parked below.							
Red Wing Goodhue County	2	8:38PM	-	-	0	1	4	0	Lightning, Glaze
		Lightning, fog, and sleet combined in storm that left cars in ditches and 800 area homes without electricity. Power interrupted when power pole caught fire due lightning strike. Freezing rain and glaze caused at least two accidents, including four-car collision, one injury reported.							
Lewisville Watonwan County	3	6:48PM	-	-	0	0	4	0	Wind
		Wind in excess of 70 mph snapped power lines, damaged several buildings, brought down trees, and overturned a truck and an empty trailer house.							
Lewisville Watonwan County	3	6:55PM	-	-	0	0	4	0	Wind
		Wind in excess of 70 mph struck west and north sections of City causing damage estimated at \$25,000 to 30,000 dollars. Power outage for 6-hour period when section of Farm Service Company elevator fell across power lines. Some damage to windows and small storage buildings. Hail to golf-ball size fell in 10-minute period. Debris and fragments from several buildings discovered several blocks away. Livestock truck overturned by storm.							
6SW Waseca Waseca County	3	8:00PM	10	1760	0	0	4	0	Hail
		Strong winds and hail averaging 3/4 inch with largest hailstones 1 1/2 inch in diameter cover 15 percent of the ground in strip 10-miles long and 1-mile wide. In this path one barn was blown down and a corn crib blown over.							
Austin Mower County	17	4:00PM	-	-	0	0	5	0	Wind
		Winds clocked in excess of 80 mph downed trees and power lines and damaged businesses, signs, and automobiles. Extensive damage to trailer park with one moved from foundation, one roof blown off, and several others with missing sections. Other damage confined to broken tree limbs, shingles ripped off house roofs, and some damage to farm out-buildings. Extensive wind damage to farm property in neighboring Freeborn County.							
East of Waldorf Waseca County	3	8:00PM							FUNNEL CLOUD
1SSW Waseca Waseca County	3	8:05PM							FUNNEL CLOUD
MISSISSIPPI									
Washington, Bolivar	17	11:00p	3	100	0	3	6	0	Tornado
		50-60 homes were damaged or destroyed as tornadoes and high winds ripped through the Metcalf and Lake Ferguson areas near Greenville. A house trailer was also overturned near Mound Bayou in Bolivar County.							
Claiborne	17	11:00p	4	100	0	2	7	0	Tornado
		Tornado knocked down cranes damaging the Grand Gulf nuclear power plant under construction near Port Gibson. Other homes and trees damaged in area.							
Hinds	17	11:55p	4	100	0	5	5	0	Tornado
		Tornado and downburst winds laid waste to Utica Jr. College and surrounding areas. Damage to homes and trees.							

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MISSISSIPPI (continued)									
Lawrence, Jefferson-Davis	18	12:30a	3	100	4	31	5	0	Tornado
A tornado completely destroyed one home, killing four people, and damaged or destroyed other houses near Monticello. Other damage to buildings and trees occurred near Prentiss.									
Amite, Lincoln, Copiah	18	11:00p-2:00a	4	100	0	2	4	0	Tornado, High Winds
Two separate storms produced wind damage at Smithdale where two people were injured when a house trailer overturned. Damage to trees and buildings also occurred at Bogue Chitto and Wesson in Lincoln County and Beauregard in Copiah County.									
Smith, Jasper, Clarke	18	1:00a-2:00a	4	100	0	0	4	0	Tornado
Widespread damage and some minor injuries occurred at Taylorsville, Bay Springs, and Quitman when thunderstorms and tornadoes moved through these counties.									
Warren, Jones, Lee	24	4:00p-10:00p			0	0	5	0	Thunderstorms, Wind, Hail, Lightning
High winds did considerable damage to structures in Vicksburg, as well as felling trees and causing power outages. Hail fell in many locations. In Tupelo hail stones were as large as golf balls. A school in Laurel suffered wind damage and fire damage. The fire was set by lightning.									
North and Central Counties	30	7:00a until past mid-night			0	0	6	3	Thunderstorms, Hail, Flooding
Heavy rain in short periods of time caused local flooding in several locations. Wind damage was light but hail damage was great. The hail was mostly along a strip of northern counties and was the worst in eastern Lafayette and in Pontotoc Counties where hail the size of baseballs demolished many cars and trucks and damaged many homes.									
MISSOURI			SEE END OF TABLE						
MONTANA									
Billings	11	11 AM			0	0	5		Strong Winds
Winds gusting to 60 miles per hour ripped off portions of a roof at Will James Junior High School.									
NEBRASKA									
Antelope County	2	12:40 AM			0	0	4	0	Lightning
Lightning struck an electrical substation at Neligh causing a power outage from O'Neil to Tilden for seven hours.									
Howard County	2	1:00 AM			0	0	4	0	Lightning
Lightning set fire to a service station in Boelus.									
Franklin County	5	Late Afternoon			0	0	2	0	Hail
Half inch hail covered the ground near Hildreth.									
Franklin County	5	Late Afternoon			0	0	0	0	Funnel
Funnel cloud sighted 5 miles east of Republican City.									
Sherman County	5	3:00 PM			0	0	2	0	Hail
Three-quarter inch hail fell near Loup City.									
York County	5	3:25 PM			0	0	4	3	Hail
One and a half to two inch hail fell in the vicinity of Bradshaw.									
Adams and Clay County	5	6:10 PM -6:40 PM	12	80	0	0	6	3	Tornado
Tornado touched down 4 miles south and 1 mile west of Ayr and moved northeast to 2 miles south of Glenville. Twenty-one farm buildings heavily damaged or destroyed along with grain storage bins and farm equipment and a mobile home. Extensive damage to utilities.									

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NEBRASKA (continued)									
Adams County	5	6:30 PM			0	0	3	0	Hail
Three inch hail fell just northeast of Pauline.									
Clay County	5	7:45 PM			0	0	4	0	Lightning
Lightning set fire to a home in Sutton creating extensive damage.									
Lancaster, Gage, and Johnson Counties	5	8:30 PM -9:30 PM			0	0	4	0	Damaging Winds and Lightning
Thunderstorm produced 55 to 70 m.p.h. winds breaking windows, blowing down trees, and damaging signs. A trailer home was blown over in Lincoln along with a tanker truck in Beatrice. An apartment building was set on fire in Lincoln. Farm buildings were damaged around Filley.									
Cuming County	5	8:30 PM			0	0	3	0	Lightning
Lightning set fire to a home 6 miles northwest of Dodge causing extensive damage.									
Richardson County	5	10:10 PM			0	0	4	0	Damaging Winds
High winds in a thunderstorm destroyed a barn 1 mile north of Salem.									
Webster County	7	5:25 PM	1/2	20	0	0	4	0	Tornado
Tornado touched down southeast of Red Cloud damaging farm buildings.									
Webster and Nickolls Counties	7	5:30 PM			0	0	6	3	Hail
Three inch hail fell at Red Cloud, Guide Rock, and Nelson breaking windows, damaging roofs and cars.									
Webster County	7	5:40 PM	1/4	10	0	0	2	0	Tornado
Tornado touched down near Guide Rock causing minor damage to a farm.									
Hall County	7	6:40 PM			0	0	0	0	Funnel Cloud
Funnel Cloud reported 9 miles south-southwest of Grand Island.									
Hall County	7	6:50 PM -9:00 PM			0	2	8	5	Hail
Hail upwards to 5 inches in diameter pounded an area in and around Grand Island smashing windows, tearing holes in roofs of structures and severely damaging automobiles. Car dealers hard hit. Damage was city wide with hardly anyone untouched. Two persons suffered head injuries.									
Clay County	7	7:15 PM			0	0	3	2	Hail
One and three-quarter inch hail fell near Edgar.									
Polk and Butler Counties	7	7:00 PM -7:20 PM			0	0	3	0	Hail
Three-quarters to one and a half inch hail was reported at Osceola, Rising City near Brainerd causing some damage.									
Hall County	7	7:55 PM -8:30 PM			0	0	0	0	Funnel Cloud
Funnel clouds were reported in the Grand Island vicinity.									
Hamilton and Polk Counties	7	8:45 PM -9:50 PM	30	75	0	1	7	4	Tornado
Tornado touched down 5 miles east-southeast of Grand Island and moved northeast near Marquette and Nordville before lifting 3 miles northeast of Polk. Approximately 25 farms suffered damage to homes, buildings, farm equipment and vehicles. Livestock loss reported. One woman was injured by flying glass near Marquette. Extensive damage to utilities and trees. Eight vehicles were completely destroyed.									
Merrick and Hamilton Counties	7	9:00 PM -9:30 PM			0	0	5	3	Hail
Three inch hail fell near Chapman and east of Phillips damaging buildings and cars.									

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NEBRASKA (continued)									
Dodge, Saunders, Washington and Douglas Counties	7	9:45 PM -10:15 PM			0	0	3	0	Damaging Winds
									Severe thunderstorms produced 60 to 75 m.p.h. winds. Damaged trees, utilities and signs.
Polk County	7	9:50 PM -10:30 PM			0	0	5	3	Hail
									Hail upwards to 3 inches in diameter fell near Stronsberg and Shelby damaging buildings and cars.
Madison County	7	10:15 PM			0	0	3	0	Hail
									One to three inch hail fell around and west of Norfolk damaging cars.
Boone County	7	10:15 PM			0	0	2	0	Lightning
									Lightning struck an anhydrous ammonia tank 6 miles south of Albion releasing fumes and causing an area to be evacuated.
Polk and Butler County	7	11:10 PM -11:40 PM	10	50	0	0	6	3	Tornado
									Tornado touched down 1 mile southeast of Shelby and moved northeast to 8 miles northwest of Rising City. Ten farmsteads sustained damage to buildings, farm equipment and vehicles. Two farms completely destroyed. Extensive damage to trees and utilities.
Butler County	7	11:50 PM	2	30	0	0	4	2	Tornado
									Tornado touched down 6 miles northeast of Rising City and moved northeast damaging buildings, equipment and vehicles on 2 farms.
Saunders County	8	12:35 AM			0	0	0	0	Funnel Cloud
									Funnel cloud reported 2 miles south of Morse Bluff.
Saunders County	8	1:00 AM			0	0	3	0	Lightning
									Lightning struck home 4 miles west of Fremont setting attic on fire.
Washington and Douglas Counties	8	2:15 AM -3:30 AM			0	0	3	0	Hail and Damaging Winds
									Thunderstorms produced 65 to 75 m.p.h. winds along with one to two inch hail. Damage reported to farm buildings and trees. Most damage between Arlington and Blair.
Washington County	8	3:40 AM	1/2	10	0	0	2	0	Tornado
									Small tornado took tops off of trees in an area south of Fort Calhoun.
Custer County	8	5:00 PM -5:30 PM			0	0	2	0	Hail
									One and three-quarter inch hail fell in and around Callaway causing minor damage.
Red Willow and Frontier Counties	8	6:10 PM -6:55 PM	23	10	0	0	0	0	Tornado
									A small tornado touched down at intervals in open county from the Red Willow Dam northeast to just east of Curtis.
Hall County	8	10:05 PM			0	0	0	0	Funnel Cloud
									Funnel cloud reported near Grand Island.
Antelope County	11	9:30 PM			0	0	2	0	Damaging Winds
									Winds in a thunderstorm damaged a storage shed at Clearwater.
Keith County	12	Unknown			0	0	0	4	Lightning
									Lightning caused a rash of prairie fires around Keystone and Paxton.
Thayer, Gage, and Jefferson Counties	17	5:00 AM -6:30 AM			0	2	5	3	Damaging Winds and Hail
									Thunderstorms with 70 to 80 m.p.h. winds damaged homes and farm buildings, overturned mobile homes and truck trailers along with downing trees, power lines and signs. Roof was torn from Hangar at Beatrice Airport. Damage at Beatrice where one and a half inch hail fell was particularly bad and injuries occurred.
NEBRASKA (continued)									
Saline County	17	5:45 AM			0	0	3	0	Lightning
									Lightning set fire to a home in Wilber.
Frontier County	17	8:00 AM			0	0	4	0	Lightning
									Church north of Curtis was destroyed by fire set by lightning.
Sioux, Dawes, Box Butte and Sheridan Counties	18	Morning			0	0	3	0	Heavy Snow and Damaging Winds
									Winds gusting to 60 m.p.h. and snow created near blizzard conditions. Two to four inches of snow fell with local drifts to one foot. Isolated power outages occurred with building damage near Gordon.
Panhandle and Southwest Nebraska	18	Daytime			0	0	5	3	Damaging Winds
									Fifty to seventy m.p.h. winds from an intense low pressure center buffeted the panhandle damaging buildings, breaking windows, downing trees and overturning a few semi-trucks. Power outages occurred. Particularly hard hit were the Sidney and Ogallala areas.
Loup County	21	Evening			0	0	3	0	Lightning
									Lightning knocked out Civil Defense communications center at Taylor. Antenna also destroyed.
Lincoln County	25	Evening			0	0	0	3	Lightning
									Lightning was the cause of a prairie fire near Wallace.
Scottsbluff County	27	3:40 PM			0	0	4	0	Damaging Winds
									Thunderstorm produced gusts to 60 m.p.h. in area of Scottsbluff damaged buildings and caused minor power outages.
Dawes and Box Butte Counties	27	4:35 PM -5:15 PM			0	0	4	0	Damaging Winds
									Thunderstorm gusts of 70 to 95 m.p.h. damaged buildings and created power outages around Alliance and Chadron.
NEVADA									
Elko	16	UNK			0	0	4	0	High Wind
									Demolished 22 x 30 ft wood and metal barn. The 10 ton roof blew off.
NEW HAMPSHIRE									
NONE REPORTED									
NEW JERSEY									
NONE REPORTED									
NEW MEXICO									
Deming, Luna County	8	Midday			0	0	4	0	Windstorm
									Winds to 51 knots raised blinding dust, caused structural damage to walls and some buildings, and forced temporary closure of interstate highway. Debris from damaged trees caused power outages. Winds developed in association with strong cold front.
NEW YORK									
COASTAL									
NONE REPORTED									
NEW YORK									
CENTRAL									
NONE REPORTED									
NEW YORK									
WESTERN									
NONE REPORTED									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
NORTH CAROLINA									
Cumberland	18	2:30P			0	0	0	0	Funnel Cloud
		A funnel cloud was sighted just southwest of Fayetteville.							
Craven County	19	1:56P							Funnel Cloud
		A funnel cloud was sighted 1-2 miles south-southwest of Simmons National airport at New Bern.							
		Minutes later, three funnel clouds were sighted on the Neuse River about 3 miles southeast of the airport.							
Johnston County	19	late aftn			0	0	3	3	Hail
		Golf ball size hail fell on the western parts of Smithfield causing damage to buildings, cars, and some crops.							
Bladen County	19	3:45P			0	0	0	0	Hail
		Between Tar Heel and Tobermary marbles (1 1/2 inches) fell.							
Wake County	19	5:45P			0	0	0	0	Hail
		1 1/2 inch hail reported south of Garner.							
Robeson County	19	late aftn			0	0	3	3	Tornado
		There was minor damage to woods and the tobacco crop as a tornado moved through the northern part of the county in 7 to 10 minutes.							
Duplin County	19	5:45P	1 1/4	70	0	0	5	4	Tornado
		A tornado skipped along from south of Rose Hill to 3 miles northwest of the intersection of Highways 41 and 50 east of Greener. About \$100,000 damage to buildings, outbuildings, trees, utilities and poultry.							
Onslow County	19	6:30P	28	50	0	3	4	4	Tornado
		A tornado moved from 4 miles NW of Richlands to county road 1302 off highway 258 3 miles NW of where highways 24 and 258 intersect. About \$0,000 damage to house trailers, buildings and trees. Three people were treated in the hospital for shock.							
Jones County	19	6:55P	1	30	0	0	5	3	Tornado
		A tornado hit 5 miles NW of Pollocksville on state road 1002. About \$150,000 damage to houses, outbuildings and trees.							
Albemarle Sound	week of 23-29						5		Beach erosion
		High tides and strong northeast winds caused damage by erosion at Albemarle Beach especially in the Skinnersville and Pea Ridge areas.							
Columbus County	26	7:00A					2		Wind
		Strong winds damaged outbuildings in an area one mile NE of Cerro Gordo.							
Craven County	26	2:00P			0	0	0	0	Funnel Cloud
		A funnel cloud was reported 2 miles SSW of New Bern.							
Craven County	26	3:11P			0	0	0	0	Hail
		3/4 inch hail was observed at the New Bern Flight Service Station.							
Beaufort County	26	4:25P			0	0	0	0	Funnel Cloud
		A funnel cloud was reported at Pamlico Beach.							
Onslow County	26	6:05P			0	0	0	0	Hail
		3/4 inch hail reported at Camp LeJeune Marine Base.							
NORTH DAKOTA									
	11 & 12	--	--	--	0	?	?	?	Windstorm
		Wind gusts over 70 mph recorded in western and central North Dakota. Generally light damage to small buildings and trees.							
	12								Windstorm
		Wind gusts of 40 to 60 mph caused four-foot waves on the flooded Red River and weakened many dikes.							

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					KILLED	INJURED	PROPERTY	CROPS	
OHIO									
West Central	19	5-6 PM			0	0	4	0	High wind, heavy rain
		Heavy thunderstorms moved through west central Ohio dumping up to an inch and a half of rain. High winds downed utility lines and did some property damage, mainly to farm outbuildings. A grain storage elevator complex in Russia sustained extensive damage.							
Plain City, Madison County and Powell, Delaware County	19	7 PM			0	0	5	0	Tornado
		A tornado touched down briefly in Plain City returned to the clouds and touched down again in Powell. Trees were uprooted and damage was done to a farmhouse and farm outbuildings.							
OKLAHOMA									
Hobart, Kiowa County	1	evening			0	0	6	0	Hail
		A thunderstorm moved across Hobart during the evening hours depositing a large quantity of hail on the city. The 1/4 to 1 1/4 inch hailstones did significant damage to the city itself but little agricultural damage was reported. 300 homes had roof damage, approximately 1000 cars received hail damage, and 20 mobile homes were affected.							
Near Carnegie, Caddo County	1	7:00p.	2	50	0	0	4	0	Tornado
		A small tornado touched down about 7 miles southwest of Carnegie doing some light damage. As it moved toward the east northeast, the tornado partially destroyed two barns and pulled two light poles out of the ground. Minor tree damage was also reported along the path.							
Near Lone Wolf, Kiowa County	5	5:45 p.	6	50	0	0	4	0	Tornado
		A small tornado that first appeared as a dust devil touched down 3 1/2 miles southwest of Lone Wolf and moved northeastward. One house was unroofed, two small out buildings were destroyed, and a tavern was partially damaged. Witnesses said the tornado appeared to skip along its path.							
Near Pumpkin Center, Comanche County	5	7:55 p.	10	150	0	1	5	0	Tornado, Hail
		A tornado that touched down 5 miles south and 3 1/2 miles west of the community of Pumpkin Center did extensive damage as it moved toward the northeast. 21 homes were either partially damaged or destroyed, 5 mobile homes were destroyed, and 21 barns and outbuildings were damaged or destroyed. Moving at an estimated speed of 40 mph, the tornado just entered into Stephens County before it dissipated. Hail 1 1/2 to 3 inches in diameter was also reported with the storm. No damage figure was reported with the hail, however a boy was slightly injured when a hailstone hit him on the head.							
Near Marlow, Stephens County	5	8:22 p.	2	50	0	0	4	0	Tornado
		A tornado touched down 4 miles south and 4 miles east of Marlow damaging some cabins on a small lake. As it moved to the northeast 3 mobile homes were also damaged, a farm house sustained very heavy damage, and a church classroom was heavily damaged.							
Near Lindsay, Garvin County	5	8:45 p.							Funnel Cloud
		8 miles south of Lindsay.							
Near Alfalfa, Caddo County	9	7:00 p.							Funnel Cloud
		3 1/4 miles south of Alfalfa.							
Near Kildare, Kay County	17	1:54 p.	9 1/2	40	0	0	4	0	Tornado
		A small tornado touched down 3 miles west and 3 1/2 miles north of Ponca City and began moving toward the northeast. Witnesses said the tornado skipped along most of its path. The funnel did mostly tree damage until it destroyed a barn and blew out a large window in a house 3/4 of a mile east of Kildare. The tornado dissipated 1 mile northeast of Kildare.							
Near Newkirk, Kay County	17	1:57 p.	6	60	0	0	5	0	Tornado
		A tornado touched down 4 miles west and 4 miles south of the town of Newkirk. The funnel was reported to have had a skipping motion along much of its path. Damage was done to mostly trees until it moved across a farm 2 miles south and 1 mile west of Newkirk. Here 2 barns were heavily damaged and a large silo was cracked. The tornado dissipated about 2 miles east of Newkirk.							
Near Newkirk, Kay County	17	1:58 p.	10	40	0	0	4	0	Tornado
		A tornado touched down 4 miles west and 5 1/2 miles north of Ponca City immediately damaging a gas plant. It then proceeded toward the northeast in a skipping motion doing damage to mostly trees and outbuildings. Approximately 2 miles southwest of Newkirk the heaviest damage was inflicted. As the tornado moved thru a farm, 1 barn was completely destroyed and 2 others were heavily damaged. Heavy damage also occurred to trees that were in the area. Shortly thereafter the funnel dissipated.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1978

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		
OKLAHOMA (continued)										
Near Newkirk, Kay County	17	1:58 p.	13	100	0	0	5	0	Tornado	
		A tornado touched down 4 miles west and 1 1/2 miles south of Newkirk. It began moving toward the northeast in a skipping motion damaging 4 barns and numerous trees along its path. The tornado hit hardest about 1 1/2 miles north of Newkirk. Here a trailer home was almost destroyed with another heavily damaged. 2 power poles nearby were sheared off to the ground. The funnel dissipated near the Kansas border.								
Near Ada, Pontotoc County	22	4:08 p.							Funnel Cloud	
		4 miles north of Ada.								
Near McAlester, Pittsburg County	22	evening			0	1	0	0	Lightning	
		A woman was struck by lightning on the Indian Nations Turnpike near McAlester while putting gas in her car. An observer on the scene said the woman was thrown about 4 feet into the air when the lightning hit her. She was described in satisfactory condition at the McAlester hospital.								
Ada, Pontotoc County	29	8:00 p.			0	0	5	0	Hail	
		During the evening hours in and around the city of Ada a severe thunderstorm dropped hailstones that measured from 3/4 of an inch up to 2 1/2 inches in diameter. Heavy damage was sustained to cars and homes. 250 homes were reported to have some type of hail damage. No crop damage was reported in the county.								
Ada, Pontotoc County	29	8:00 p.							Funnel Cloud	
		4 miles southeast of Ada.								
Near Guymon, Texas County	30	4:20 p.							Funnel Cloud	
		7 miles east of Guymon.								
Near Rush Springs, Cady County	30	4:42 p. - 6:04 p.							6 Funnel Clouds	
		In a little more than an hour's time 6 funnel clouds were spotted by a National Severe Storm Lab chase team near Rush Springs.								
Near El Reno, Canadian County	30	5:40 p.	2	50	0	0	5	0	Tornado	
		A tornado touched down just to the south of El Reno. It was first observed to be a dust whirl at the surface without significant funnel cloud aloft. As it moved to the northeast damage was done to a lumber yard, gas station, and a grain elevator. Also several roofs from homes were sheared off in the south portion of El Reno.								
Near El Reno, Canadian County	30	5:40 p. - 6:00 p.	5	50	0	0	4	0	Tornado	
		A tornado touched down 3 miles east of El Reno and moved east northeast before dissipating 2 miles southwest of Richland. The small ropelike funnel destroyed 1 barn.								
Richland, Canadian County	30	5:55 p. - 6:05 p.	5	70	0	0	3	0	Tornado	
		A tornado touched down 2 miles south and 4 miles west of the small community of Richland. It moved east northeast through Richland dissipating about 1 mile to the northeast of the community. Very light damage occurred along its path.								
Richland, Canadian County	30	5:57 p. - 6:15 p.	5	75	0	0	3	0	Tornado	
		A tornado touched down 2 miles west of Richland and moved east northeast before dissipating 1 mile south of the community of Piedmont. Very light damage occurred along its path.								
Near Piedmont, Canadian County Oklahoma County	30	6:20p. - 6:35p.	8	1*	0	0	6	0	Tornado	
		A large, massive tornado touched down 1/2 mile north of the intersection of highways 3 and 4 in Canadian County moved east northeast into Oklahoma County dissipating 9 miles west and 1 mile north of Edmond. It passed 1 mile southeast of the community of Piedmont where the heaviest damage was inflicted. Here a housing addition was severely damaged with 5 homes completely destroyed or heavily damaged. Just to the east northeast of the housing addition 10 rural homes were heavily damaged. Several large missiles such as automobiles, oil storage tanks, and stock feeders were picked up by the funnel and carried up to a half mile. The damage path was at least a mile across throughout the tornado's life cycle. 2 1/2' inch hail was reported with the storm.								
Near Shattuck, Ellis County	30	7:30 p.	3	60	0	1	4	0	Tornado, Hail	
		A tornado touched down just to the southwest of Shattuck destroying 1 farm home and damaging 2 others as it moved to the east northeast. A woman suffered a laceration on the head caused by hail that accompanied the storm.								
Near Carney, Lincoln County	30	8:00 p.							Funnel Cloud	
		Just south of Carney.								
Near Agra, Lincoln County	30	9:00 p.							Funnel Cloud	
		Just west of Agra.								
OREGON										
Lane County	28	9:37AM		Unk						Funnel Cloud moving east
PACIFIC										
4 mi. N of Wake Island	22	8:50a. - 8:55a.								Funnel cloud
PENNSYLVANIA										
EASTERN										
Berks, Dauphin and Northampton Counties	1	1800 EST to 2100 EST			0	0	4	0		Wind
		Strong wind gusts associated with a cold front being pushed across Pennsylvania by an intense storm system centered over the Great Lakes caused scattered damage over Eastern Pennsylvania. The roof was blown from a garage near Marada Gap in Dauphin County. Some of the walls of a church under construction were blown down near Robesonia, Berks County. Large trees were blown down in Easton, Northampton County.								
PENNSYLVANIA WESTERN										
		NO REPORT RECEIVED								
PUERTO RICO										
Vieques Passage	9	4:45 p.			0	0	0	0		Waterspout
San Juan	10	7:00 p. - Midnight			1	0	5	0		Heavy Rains Flash Flooding
		Late in the afternoon of the 10th a line of thunderstorms developed to the west of the San Juan Metropolitan Area. During the period from about 7:00 PM to Midnight these storms intensified and moved over the central portion of the San Juan Metropolitan Area, with the heaviest rainfall centered over the Puerto Nuevo section of the city including the Rio Piedras basin. Rainfall totaled between 4 and 6 inches and brought the Rio Piedras River and its main tributary, Margarita Creek, to bank-full condition. Heavy urban flooding occurred in the Puerto Nuevo area where low lying streets and homes were covered with two to three feet of water. One man was swept away and drowned while getting out of his stalled car where a local creek had overflowed across a road in the Cupey area. Several warehouses and businesses were flooded in low lying areas of the beharra Industrial Park south of Highway No. 2.								
Vieques Passage	10	4:20 p.			0	0	0	0		Waterspout
San Juan Bay	13	9:40 a.			0	0	0	0		Waterspout
Vieques Passage	18	5:00 p.			0	0	0	0		Waterspout
Vieques Passage	22	5:15 p.			0	0	0	0		Waterspout
Vieques Passage	27	4:40 p.			0	0	0	0		Waterspout
Vieques Passage	30	3:00 p.			0	0	0	0		Waterspout
RHODE ISLAND										
		NONE REPORTED								
SOUTH CAROLINA										
Statewide	1-13				0	0	3	5		Dry Weather
		Very dry windy weather late March and early April produced a serious wild fire hazard over most woodland. Considerable damage to forests from uncontrolled fires.								
Northeast S.C.	13	10:00A.M. -			0	0	4	0		Severe Thunderstorms
		Line of thunderstorms moved across Northeastern S.C. causing wind damage in Georgetown and Garden City areas. Plate glass windows, roofs, trees, and utilities suffered loss.								
Northeast S.C.	18	Night			0	0	4	5		Hail
		Hail up to 3/8 inches in diameter damaged peaches, crops, and roofs in Cherokee, and Spartanburg Counties. The heaviest damage extended from a point between Spartanburg and Inman northeast to near Gaffney.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
SOUTH DAKOTA									
Charles Mix County	8	10 PM CST			0	0	3		Hail
A line of thunderstorm, fifteen miles wide, moved across southern Charles Mix and Douglas Counties. Hail up to three-quarters inches was reported near Wagner. Marble sized hail was observed at Pickstown.									
Entire State	11-12	Aftn. 11 Day 12			0	0	05		High Winds
High winds, accompanying a rapidly moving cold front, produced gusts of 75 MPH at Philip; 69 MPH at Rapid City; and 62 MPH at Sioux Falls. Other areas generally experienced gusts of 45-65 MPH. Local power outages and damage to trees and roofs were a common occurrence. A semi-stock trailer was blown over south of Ipswich.									
Northern Black Hills	17-18	17 Day 18			0	0	03		Heavy Snow
Heavy snowfall and strong winds up to 40 MPH caused near blizzard conditions. Lead reported 23 inches of new snow. The Lead-Deadwood area was brought to a standstill with schools and businesses closed. Minor power outages occurred.									
TENNESSEE									
Dyersburg, Southwest Dyer County	17	11:30 p.	1/4	220	-	-	4	-	Tornado
This small tornado touched down briefly in a rural area. Damage limited to one house and several farm buildings. Trees blown down and several twisted off at the roots.									
Loretto, Lawrence County	18	1:30 a.					5		High Wind
Ravaging winds, accompanied by torrential rain, swept through the town leaving damaged buildings, cars, trailers, and uprooted trees in the wake.									
Delmas, Marshall County	18	2:00 a.					4		Tornado
The tornado touched down near Phillipe Stone in Marshall County, just across the Lincoln County line, leaving damage to three homes, several barns, and other outbuildings. A number of large trees were uprooted, others twisted apart.									
Gum Springs Community, White County	18	3:45 a.	1/2	440	-	-	5		Tornado
Several roofs were blown away and trees uprooted after a tornado struck five houses and one business in the Gum Springs community. Trees nine inches in diameter had been twisted off several feet above the ground leaving only splintered stumps.									
Clarksville, Montgomery County	30	2:40 a.					5		Lightning
Flames erupted at the Orgain Building and Supply Co. Paint Store in downtown Clarksville after being struck by lightning. The buildings and contents were a total loss.									
Hatchie, Madison County	30	5:30 p.					4		Large hail
Hail 1-3/4 inches in diameter caused considerable glass damage. Trees and telephone lines were blown down.									
TEXAS									
NORTHERN									
Stephens County	3	5:30 p-6:20 p			0	0	3	?	Hailstorm and Funnel Cloud
An isolated, severe thunderstorm developed in Stephens County, dropping heavy rain and marble to golf ball hail over northern and eastern portions of the county. One funnel aloft was observed south of Elizaville. The storm moved east out of the county, after producing spotty damage in Breckenridge.									
Palo Pinto County	3	6:30 p-7:30 p	20	*5	0	0	5	4	Hailstorm
The Stephens County storm moved into western Palo Pinto County, and then turned toward the southeast crossing southern Palo Pinto County. The storm dropped a 20 mile long swath of hail from west of Mineral Wells to southeast of Santo. Hail ranged from marble to baseball size in a 5 mile wide path. The heaviest automobile and roof damage was reported in Lone Camp land near Santo, as well as around Palo Pinto Lake. A tractor-trailer rig received a broken windshield at 7:30 pm at the intersection of I-20 and Highway 281.									
Northern Hood County	3	7:45 p-8:10 p	15	?	0	0	4	4	Hailstorm
The storm next moved southeast into Hood County, producing 15 minutes of marble hail at Lipan. A cooperative observer noted considerable roof and fruit tree damage around Lipan. Golf ball size hail fell 1 mile north of Granbury at 8:05 pm.									
TEXAS (continued)									
NORTHERN									
Hardeman County	3	5:20 p-6:00 p	5	100	0	0	4	3	Two Tornadoes and Hailstorm
A second severe thunderstorm formed near Childress and moved east-southeast across Hardeman County. At 5:20 pm, National Severe Storm Laboratory storm chaser witnessed a tornado in extreme north-west Hardeman County, west of Millidan. The tornado was on the ground for about 5 miles, and moved east-southeast. A second tornado was sighted by a rancher shortly after 6:00 pm. The tornado moved across open country between Medicine Mound and Pauline, or about 8 miles southeast of Quanah. Neither of the tornadoes caused any reported damage.									
Wilbarger County	3	6:30 p-7:30 p			0	0	3	?	Hail and Windstorm
Baseball to grapefruit size hail caused rural farm damage near Medicine Mound. One to two inch diameter hail fell from the north-west portion of the county into the Quanah area. Hail to 3/4 of an inch in diameter fell at Chillicothe.									
4W Fort Phantom Lake, Jones County	9	3:36 p			0	0	0	0	Hailstorm
Marble to golf ball size hail fell in open country, causing no known damage.									
Abilene, Taylor County	9	4:00 p			0	0	3	0	Hailstorm
Marble to golf ball hail fell on the south side of Abilene, inflicting minor dents to several automobiles.									
Oplin, Callahan County	9	4:30 p			0	0	3	0	Windstorm
Thunderstorm winds blew out buildings over in the Oplin area, in southwestern Callahan County.									
Northern Wilbarger County	9	4:30 p			0	0	0	0	Hailstorm
One-half to one inch diameter hail was observed on Highway 283 just inside the Texas state line. No damage was reported.									
Stephens County	9	4:55 p-6:00 p			0	0	5	?	Hail Flash Flooding Windstorm
A severe thunderstorm produced widespread damage over the county. Hail covered the ground in Breckenridge where most of the damage occurred. Hail ranged from 1 to 1.5 inches in diameter. Flash flooding resulted in an estimated \$10,000 damage with hail damage judged at \$150,000. Winds snapped 3 telephone poles apart on Highway 183, about 10 miles south of Breckenridge. Winds were estimated to be as high as 70 mph.									
Palo Pinto County	9	6:00 p-8:00 p			0	0	?	?	Hail and Urban Flooding
The hail was from 1/2 to 3/4 of an inch in diameter at Mineral Wells. High water from over 2 inches of rain caused minor damage in the Mineral Wells area. At 6:30 pm the DPS reported golf ball hail south of Possum Kingdom Lake Dam.									
Wise County	9	9:15 p			0	0	3	0	Lightning
Lightning caused an oil tank fire at a gas station south of Decatur on Highway 51. In Decatur, lightning caused minor damage to one home.									
5W Doole, Concho County	9	10:45p	Short	Narrow	0	0	0	0	Tornado
A Deputy Sheriff observed a brief tornado touchdown near Highway 765, 5 miles west of Doole. The tornado was in open country.									
Kilgore, Gregg County	17	4:00 p			0	0	0	0	Hailstorm
Three-quarter inch diameter hail caused no known damage in Kilgore.									
5E of Center, Shelby County	17	6:00 p			0	0	0	?	Windstorm
Thunderstorm winds uprooted trees near Highway 47, 5 miles east of Center. Center reported almost 2.5 inches of rain with the storm.									
Eastern Parker County	22	4:00 p-5:30 p			0	0	5	?	Hailstorm
A slow moving severe thunderstorm produced considerable hail damage in eastern Parker County, particularly in the Willow Park and Aledo areas. Hail was mostly golf ball size, but hailstones as large as 4.5 inches in diameter fell at Aledo, causing considerable damage.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1978

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
TEXAS (continued)											
NORTHERN											
Eastern Parker County and extreme Western Tarrant County	22	3:50 p 4:25 p 4:30 p 4:40 p	Short Short 5	Narrow Narrow 50	0 0 0	0 0 0	0 0 4	0 0 0			Three Tornadoes
<p>The Parker County storm produced three small tornadoes, the first two visible as dust whirls below a rotating wall cloud. These brief tornadoes caused no known damage. The third tornado developed one mile west of Aledo and moved through town shortly after 4:30 pm. The tornado, visible as a condensation funnel not touching ground and a dust whirl below it, caused minor damage to mobile homes, outbuildings, fences, and an empty warehouse before moving out of town. The tornado then hopped for about 4 additional miles into extreme southwest Tarrant County and finally dissipated. At one point southeast of Aledo the condensation funnel developed to the ground, but fortunately was in open country. Tornado damage in Aledo was estimated at 10,000. No injuries occurred, largely because sirens in Aledo were sounded after volunteer storm spotters observed the approaching tornado. The Disaster Preparedness Meteorologist at Fort Worth photographed the three tornadoes.</p>											
West and Southwest Tarrant County	22	4:40 p- 5:00 p			0	0	6	?			Hailstorm
<p>Hail from the tornado producing thunderstorm caused moderate roof, window, and automobile damage in Benbrook and west and southwest Fort Worth. Hailstones up to 3.5 inches in diameter fell in Benbrook while 2 inch diameter hail was common in the affected areas of Fort Worth. Brief but very heavy rains followed the fall of hail.</p>											
Smith County	22	4:00 p- 4:30 p	Short	Narrow	0	0					Tornado and Hailstorm
<p>At 4:00 pm one inch diameter hail was reported 15 miles southwest of Tyler. The thunderstorm moved northeast and at 4:30 pm spawned a brief tornado 6 miles east of Tyler. The tornado caused no known damage. Radar confirmed a possible tornado in the area.</p>											
Denton County	22	4:50 p- 5:25 p			0	0	?	?			Hailstorm and Funnel Cloud
<p>A severe thunderstorm, moving eastward over Denton County, produced a funnel aloft between Denton and Fort Worth at 4:50 pm. From 5:10 pm until 5:25 pm golf ball to hen egg size hail was reported by the Amateur Radio spotter not in the Denton area. Extent of damage was not known.</p>											
Daingerfield, Morris County	22	5:20 p			0	0	0	0			Hailstorm
<p>Large marble hail was reported by spotters in Daingerfield.</p>											
Northern Johnson County	22	5:30 p- 6:15 p			0	0	0	0	0	4	Hailstorm Windstorm Flash Flooding and Funnel Cloud
<p>The severe Parker and Tarrant County thunderstorm moved southeast into northern Johnson County. Between 5:30 and 5:45, hail to 3/4 of an inch in diameter occurred in the Godley area. At 6:00 pm Amateur Radio storm spotters sighted a funnel aloft 4 miles west of Burleson. Around 6:15 pm, damaging straight line winds occurred in an area 2 to 3 miles northwest of Cleburne on Highway 171. Trees, metal outbuildings, roofs, and powerlines were damaged. Several cars were flooded by high water in the same area.</p>											
Texarkana area, Bowie County	22	6:25 p- 6:45 p			0	0	7	?			Hailstorm and 2 Funnel Clouds
<p>A devastating hail storm moved across the city inflicting severe damage. Estimates included about \$10 million damage to residences and businesses and \$5.4 million damage to vehicles. The most damaging hail fell from the downtown area northward to north of I-20. Hailstones as large as 2.25 inches in diameter were reported in northern Texarkana. Two funnel clouds aloft accompanied the severe thunderstorm.</p>											
Collin County	22	6:30 p and 8:00 p- 9:00 p			0	0	?	?			Wind and Hailstorms
<p>A series of severe thunderstorms produced the following weather in Collin County: At 6:30 pm large marble hail fell at Frisco. Between 8:00 and 8:05 pm marble size hail fell at Allen and Frisco. A third storm produced marble size hail at Plano and Lewisville at 9 pm. The extent of damage was not known.</p>											
Northern McLennan County	22	8:10 p			0	0	?	?			Hailstorm
<p>Marble to golf ball size hail was reported by Amateur Radio spotters 8 miles north of the Mico Airport. The storm moved from northwest to southeast, covering the ground with up to 2 inches of hail at some locations.</p>											
Paris, Lamar County	22	8:20 p			0	0	?	?			Hailstorm
<p>One inch diameter hail was reported by volunteer storm spotters.</p>											
TEXAS (continued)											
NORTHERN											
Fannin and Grayson County	22	8:45 p- 8:50 p			0	0	?	?			Wind and Hailstorm
<p>Marble size hail and high thunderstorm winds were reported at Bonham, Ector, and Bells. No damage was reported.</p>											
Hooks, Bowie County	23	11:55 p			0	0	0	0			Hailstorm
<p>Three-quarter inch diameter hail caused no known damage.</p>											
Dublin, Erath County	24	3:15 p			0	0	0	0			Hailstorm
<p>Hail to 3/4 of an inch in diameter caused no known damage.</p>											
Johnson, Tarrant, and Dallas Counties	24	Aftn			0	0					Hailstorm
<p>An intense hailstorm moved east-northeast across northern Johnson, southeastern Tarrant, and southern Dallas Counties, causing severe damage.</p>											
Johnson County	24	3:30 p- 5:15 p	20	*5	0	0	7	5			Hailstorm
<p>The thunderstorm cut a devastating swath across north and northeast Johnson County. The damage swath extended from west of Joshua to the extreme northeast corner of the county. Golf ball to tennis ball hail fell intermittently from 4 pm to 5:15 pm at Burleson, covering the ground. Damage was heavy in Burleson, as well as Joshua and Lillian. At Joshua, baseball size hail created dents in automobiles up to 4 inches long and 3/8 of an inch deep. Large hailstones tore holes through metal roofs and outbuildings in some areas, with severe roof and window damage occurring to numerous homes. Damage has estimated to be well into the millions of dollars.</p>											
Mansfield area, Tarrant County	24	4:15 p- 5:00 p	7	*5	0	0	6	?			Hailstorm
<p>The intense hailstorm moved through the Mansfield area causing millions of dollars damage. Most of the hailstones were golfball to baseball size, hanging up to 4 inches in diameter. Automobiles, roofs, windows, trees, and gardens were severely beaten by the giant hail. On FM 917, a van customizing firm received heavy damage when a large number of vans were pounded by the hail. When asked to comment on the storm, Jerry Ebenberger of the Mansfield News-Mirror said, "It appeared as if the world were coming to an end." When the storm was in the Mansfield area radar-measured storm tops extended to 70,000 feet.</p>											
Southern Dallas County	24	4:30 p- 5:45 p	15	*5	0	0	7	5	0	4	Hailstorm Windstorm Flash Flooding
<p>The severe hailstorm ripped across southern Dallas County causing severe damage in Duncanville, Cedar Hill, Cockrell Hill, and South Dallas. Two auto dealerships in Duncanville reported about \$150,000 damage, each with widespread roof and automobile damage throughout the city. Hailstones at Duncanville ranged from 0.75 of an inch to 2.5 inches in diameter. The storm caused additional wind and minor flash flood damage in Duncanville and south Dallas. The intense storm weakened as it moved into southeast Dallas County.</p>											
Wills Point, Van Zandt County	24	5:20 p			0	0	0	0			Hailstorm
<p>Spotters reported 3/4 inch hail at Wills Point. Damage was apparently negligible.</p>											
Temple and Morgan's Point, Bell County	24	5:20 p- 6:10 p			0	0	5	?			Hail and Windstorm
<p>Marble to golf ball size hail caused considerable damage to cars, windows, trees, and roofs in the Temple and Morgan's Point area. Eight aircraft received hail damage at the airport. Winds to 56 mph accompanied the storm, blowing storage sheds over in the Temple area.</p>											
Henderson County	24	8:00 p- 10:00 p			0	0	?	?			Hailstorm, wind, and Funnel Cloud
<p>A severe thunderstorm produced up to one inch diameter hail, 60 mph winds, and heavy rain in and near Athens, Malakoff, and Trinidad. The extent of damage was not known. One funnel aloft was sighted near Trinidad at 8:59 pm.</p>											
Gilmer, Upshur County	24	9:10 p			0	0	0	0			Tornado
<p>Police reported a brief tornado touchdown at Gilmer. There was no reported damage.</p>											
Denton County	29	6:15 p- 6:20 p			0	0	0	0			Hailstorm
<p>Spotters reported golf ball size hail at Argyle at 6:15 pm and in southern Denton at 6:20 pm. The hail lasted for only a brief period, causing no known damage.</p>											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	PROPERTY	CROPS	
TEXAS (continued)											
NORTHERN											
North Texas	30	Evening									Severe Thunderstorms
Scattered severe thunderstorms formed from near Stephenville to San Saba during the late afternoon, producing the following severe weather.											
Carlton Community, Hamilton	30	5:30 p			0	0	?	?			Hailstorm
Golf ball size hail fell in Carlton which is several miles southwest of Hico. The parent thunderstorm moved toward the southeast.											
6.5 SSE Stephenville, Erath County	30	5:40 p			0	0	?	?			Hailstorm
This storm "split" from the Carlton storm and dropped golf ball hail 6.5 miles south-southeast of Stephenville. The storm then moved rapidly northeast and produced additional severe weather south and west of Fort Worth.											
3 N San Saba, San Saba County	30	5:20 p - 5:40 p	5	?	0	0	3	0			Tornado and Hailstorm
A third violent thunderstorm developed near San Saba and moved northeast. The storm spawned a tornado 3 miles north of San Saba that was on the ground intermittently for 5 miles toward the northeast. The tornado destroyed a chicken coop and some outbuildings, but for the most part was in open country. Marble to golf ball size hail fell north of the tornado.											
5 SE Goldwaite, Mills County	30	5:35 p - 5:55 p	4	100	0	0	4	0			Tornado and Hailstorm
The San Saba storm moved into Mills County and produced a second tornado 5 miles southeast of Goldwaite. The tornado destroyed a barn, moved 4 miles northeast, and then dissipated. It caused about four thousand dollars damage. Marble to golf ball hail caused about \$1,000 damage near highway 183 southeast of Goldwaite at 5:50 to 5:55 pm.											
Near Star, Mills and Hamilton County	30	6:33 p	4	100	0	0	?	?			Tornado
A game warden witnessed the tornado which moved from Mills County northeast into Hamilton County. The tornado was on the ground in open country and apparently caused no damage. This was the third tornado from the thunderstorm that formed in San Saba County.											
Adamsville, Lampasas County	30	6:30 p			0	0	?	?			Hailstorm
The DPS reported golf ball size hail in the Adamsville area.											
S of Cleburne, Johnston County	30	6:20 p - 6:50 p	2	Narrow	0	0	4	0			Tornado and Windstorm
At least one small and short-lived tornado struck in rural areas between Keene and Cleburne. The tornado destroyed farm outbuildings and unroofed several barns. Scattered straight line wind damage occurred in the same area.											
Southeast Parker County	30	6:52 p			0	0					Hailstorm
One to two inch diameter hail fell in the Aledo area of southeast Parker County. The same storm had earlier produced hail near Stephenville. The extent of damage in Parker County was not known.											
Northern Johnson County and Southern Tarrant County	30	6:59 p - 7:30 p	12	Narrow	0	0	4	0			Tornado
The small tornado was first observed about one mile northwest of Burleson by Amateur Radio storm spotters. The tornado lifted and moved northeast, coming to ground again at the Oak Grove Airport just east of Crowley in Tarrant County. A building was unroofed at the Airport with debris thrown in an arc toward the northwest and west. The tornado continued on its skipping path into the Mansfield area, causing minor damage to homes and barns. The tornado formed from the same cell that produced hail in Parker and Erath Counties.											
Eastern Tarrant and Southern Dallas County	30	7:00 p - 7:30 p			0	0	4	0			Windstorm
Straight wind damage occurred south of the Arlington and Grand Prairie areas from the same storm that produced the Oak Grove Airport tornado. A church roof was heavily damaged south of Arlington and several homes were damaged in Arlington. Amateur radio spotters reported "hot" wind gusts above 50 mph in southern Dallas County.											
Eastern Johnson and Western Ellis Counties	30	7:12 p - 7:45 p	8	?	0	0	?	?			Windstorm
The storm that produced damage near Keene in Johnson County caused straight wind damage to barns and outbuildings from 5 miles south of Mansfield (Johnson County) to near Midlothian (Ellis County).											
2 S Midlothian, Ellis County	30	7:30 p	Short	Narrow	0	0	?	?			Tornado
An Amateur Radio spotter witnessed a small rope-like tornado that touched down several miles south of Midlothian. The tornado caused no known damage. The tornado developed from the storm that produced wind damage in Ellis and Johnson Counties and an earlier tornado near Keene.											
TEXAS (continued)											
NORTHERN											
Bosque and McLennan Counties	30	7:00 p - 8:30 p	?	?	0	0	3	0			Tornado, Funnel Clouds, and Hailstorm
The southeastward moving storm that produced hail at Carlton in Hamilton County produced a swath of marble to golf ball size hail from near Meridian in Bosque County to 10 miles east of Waco in McLennan County. Golf ball size hail caused some damage in Valley Mills (Bosque County) at 8:05 pm.											
Dallas, Dallas County	30	7:55 p			0	0	0	0			Funnel Cloud
At least 4 funnel clouds formed from the storm cell. One of the funnels touched down and became a tornado between Meridian and Clifton. The tornado touched down at 7:20 pm CST and moved toward the southeast, destroying outbuildings and uprooting trees.											
E of Linden, Smith County	30	9:35 p - 9:45 p			0	0	?	?			Hailstorm
The funnel remained aloft and dissipated.											
Longview, Gregg County	30	10:15 p			0	0	?	?			Windstorm
Hail of unknown size fell east of Linden. Thunderstorm winds downed trees in northwest Longview.											
TEXAS SOUTHERN											
SAN ANTONIO AREA											
Bexar, Guadalupe, Wilson and Gonzales Counties	22	1:30P			0	0	4	4			Hailstorm
A severe thunderstorm developed just west of San Antonio shortly after noon on the 22nd and moved across the city producing high winds, hail to golf ball size and torrential rains. Several mobile homes on the north side of the city were battered by the hail and numerous home gardens were destroyed. The storm continued to the east and damaged crops in Guadalupe, Wilson and Gonzales Counties.											
3 SOUTH GNADO, Jackson County	22	5:50P	Short	20	0	0	4	4			Tornado and hail
The same storm system which developed near San Antonio earlier in the day produced this small tornado near Gnado. One barn was destroyed, power lines were broken and numerous trees uprooted. The storm also produced large hail which severely damaged crops in the area.											
6 SOUTH JOHNSON CITY, Blanco County	23	10:00P			0	0	?	?			Hailstorm
An isolated thunderstorm developed around 7PM near Bertram in west Williamson County. This storm moved to the southwest and produced tennis ball size hail just south of Johnson City.											
TEXAS WESTERN											
Sierra Blanca, Hudspeth County	1	6:40 p			0	0	0	0			Hailstorm
Hail to 1-3/4 inches in diameter. No damage reported.											
12 ENE Memphis, Collingsworth County	3	1:10 p			0	0	0	0			Funnel
Sheriff's office reported several funnel clouds. No damage.											
15 NE Childress, Childress County	3	5:20 p			0	0	0	0			Tornado - Hailstorm
Tornado sighted with hail to 2-1/2 inches in diameter.											
Amarillo, Potter County	4	7:04 p			0	0	0	0			Windstorm
61 mile-an-hour winds. No reported damage.											
10 S Silvertown, Briscoe County	4	7:10 p	1/2	30	0	0	0	0			Tornado
Storm spotter reported brief tornado with small hail. No known damage.											
Pansy, 8 ENE Crosbyton, Crosby County	4	10:30 p	1/2	30	0	0	4	0			Tornado
Roof damage to a church. One house and two mobile homes sustained substantial damage. Several farm buildings destroyed.											
5 SE Peecos, Reeves County	7	7:05 p	3	10	0	0	0	0			Tornado
Tornado reported by Peecos DPS moving north at 15 mph. Brief touchdowns. No known damage.											
10 NE Lubbock, Lubbock County	8	5:00 p			0	0	2	0			Hailstorm
Hail fell for 45 minutes. Diameter to 1-3/4 inches. Minor window damage.											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1978

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
1/2 N Heckville, Lubbock County.	8	5:37 p	2	30	0	0	5	0	Tornado
		Moved northeast at 20 mph. One home and three barns destroyed.							
4 NE Abernathy, Hale County	8	6:20 p	2	30	0	0	0	0	Tornado
		Moved northeast at 20 mph. No known damage.							
15 WSW Floydada, Floyd County	8	6:20 p	2	30	0	0	0	0	Tornado
		Public report. No known damage.							
15 N Pampa, Roberts County	8	6:33 p			0	0	0	0	Hailstorm
		Hail to 2 inches in diameter.							
4 N Heckville, Lubbock County	8	6:35 p	1	300	0	0	0	0	Tornado
10 SW Floydada, Floyd County	8	6:50 p	3	20	0	0	0	0	Tornado
		Moved northeast at 20 mph.							
Vonty Barwise, Floyd County	8	7:05 p	5	300	0	0	0	0	Tornado
		Moved northeast at 20 mph.							
5 E Abernathy, Hale County	8	7:40 p	2	100	0	0	3	0	Tornado
		Six power line poles were downed.							
Area around Plainview, Hale County	8	8:23 p	5	500	0	0	4	0	Hailstorm
		Hail to 2-1/4 inches in diameter. Numerous car windshields broken.							Continued for one hour.
3 W Sudan, Lamb County	9	1:58 a	0	0	0	0	0	0	Tornado
		Tornado sighted by public. No known damage.							
Vonty Oak Creek Lake, Coke County	9	4:15 p	0	0	0	0	0	0	Tornado
		Tornado sighted by public. No known damage.							
7 W Lamesa, Dawson County	9	4:30 p	0	0	0	0	0	0	Tornado
		Only brief touchdown. No known damage.							
5 N Ozona, Crockett County	9	6:00 p	3	500	0	0	5	0	Hailstorm
		Hail to 2-1/2 inches in diameter.							
Dumas, Moore County	30	2:10 p	0	0	0	0	0	0	Hailstorm
		Golf-ball size hail.							
11 NW Perryton, Ochiltree County	30	3:24 p	5	100	0	0	5	0	Tornado
		Tornado sighted by public.							
15 SE Booker, Lipscomb County	30	4:28 p	12	100	0	0	5	0	Tornado
		Public reported tornado. Farm house destroyed.							
UTAH									
NONE REPORTED									
VERMONT									
NONE REPORTED									
VIRGINIA									
Statewide	1	All Day			0	0	5	0	Wind
		Gusty winds up to 40 mph made control of forest fires difficult. Patrick County the hardest hit with between 1,000 and 1,500 acres of trees destroyed. Within this burned out area a house located on a mountain top was completely razed. New Kent and Campbell Counties also affected with some 500 acres of wooded land burned.							
VIRGINIA (continued)									
Sussex and Surry Counties	19		35	100	0	3	5	0	Tornado
		Tornado, moving from west-southwest to east-northeast, brought significant damage and injuries as it touched down in at least three locations: Jarrett (7 NW), Sussex County...7:15PM. Cut path two miles long and was apparently part of ominous and unusual black cloud seen to approach from southwest. Occupants of house trailer were warned to leave before tornado struck and demolished it - in spite of its being well-anchored. Trees in path also uprooted or broken off, and shingles of several houses torn off. Roaring sound reported by several witnesses. Estimated damage: \$15,000. Maverly, Sussex County...8:15PM. Path about one half mile long. It struck welding and machine shop, demolishing it and trapping owner beneath rubble. He fortunately received only relatively minor injuries. Five house trailers were picked up and slammed to ground, and were either demolished or badly damaged. Person in one trailer injured and required hospitalization. A van that was being driven along nearby road was picked up some 30 feet into the air, breaking power lines, and then dropped front first to the ground. Driver was pinned in wreckage for awhile and suffered a broken leg, among other less serious injuries. Other damage: An electric company substation damaged; many sheds and truck trailers damaged or destroyed; and many trees downed. No funnel seen, but sound similar to that of many freight trains was heard by several people. Total damage was estimated at \$25,000. Dendon (3 NW), Surry County...8:20PM. Tornado inflicted damage on three farms oriented in same direction as paths listed above. Five of seven farm buildings were demolished, including a cinder block barn, a house converted into a barn, and old tenant house and two smaller buildings. Path ripped through a grove of trees with some uprooted and others twisted off at the upper trunk. A woman and her two daughters saw "a big black funnel shape" during a lightning flash. An unusual roar also heard. Damage estimated at around \$25,000.							
Hopewell, Chester and Richmond areas	19	7:40 p			0	0	3	0	Wind
		Thunderstorm winds downed wires and trees, disrupting power to some 7,000 homes in the area.							
Southwest and South Central Portions	25-27				1	0	7	4	Rain, Flooding, Snow, Wind
		Rainfall totaled between three and six inches over much of the area in association with a slow-moving low center that moved through the Carolinas and off the mid-Atlantic coast. City of Roanoke and other sections of the Roanoke Valley suffered serious flooding, "the worst since 1962" according to many. Around 1,000 persons had to be evacuated as high water threatened the Roanoke area. One man was missing and presumed a fatality near South Boston, Halifax County. Flooding also inflicted widespread damage to property, docks and boats at Smith Mountain Lake, southeast of Roanoke, as record high lake level was reported. High winds also caused tree and power line damage, especially in the Lynchburg and Bedford areas. In the higher elevations over the southwest section of the State, 6 to 12 inches of snow fell and sections of Floyd and Roanoke County reported 15 to 18 inches. Damage due to flooding was estimated at near \$12 million, with wind damage accounting for around \$5,000.							
Norfolk, Hampton and Portsmouth areas	26-27				0	0	7	0	Coastal Storm
		The same storm system, mentioned in above summary, developed into a major northeaster as it moved slowly east-northeastward just to the south of the Tidewater area. Along the coast winds were reported to gust to 70 mph or greater, and tides measured 6 to 7 feet above mean low water. Widespread wind damage to property, buildings, trees and power lines with damage estimated approximately \$500,000. However, most of the damage was attributed to high water or battering from waves...accounting for a loss of \$13 million (60% property and the balance to beach erosion).							
VIRGIN ISLANDS									
Off Western St. Thomas	28	1:30 p.			0	0	0	0	Waterspout
WASHINGTON									
NONE REPORTED									
WEST VIRGINIA									
NONE REPORTED									
WISCONSIN									
Milwaukee County	1	Night			0	0	5	?	Wind
		High winds downed an empty 70 foot water tower causing an estimated \$65,000.00 damage.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1978

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					KILLED	INJURED	PROPERTY	CROPS	
WISCONSIN (continued)									
Fond du Lac County	3	Night	-	-	0	0	?	?	Heavy rain hail, lightning and flooding
									Heavy thunderstorms moved through Fond du Lac County during the night of the third. In the city of Fond du Lac rainfall of 12 to 7 inches was reported with heavy basement flooding. Lightning struck a power company substation causing an estimated \$50,000.00 to \$100,000.00 damage. At Rosendale, one inch hail was reported.
Rock County	5	5:00 pm			0	0	5	?	Tornado
									A tornado cut an erratic 8 block path of destruction through southwestern Beloit in Rock County. All the buildings of an excavating firm were destroyed and a semi-trailer was tossed on top of a car. Numerous trees were also downed.
WYOMING									
									NONE REPORTED
DELAWARE									
Atlantic Coastal Areas	26-27				0	0	5	0	Northeaster, high tides
									A slow moving northeaster, combined with three successive high tides (one on the night of the 26th and two on the 27th) brought significant sand loss and loss of bulkheads, especially in the South Bethany area. During the period, the Indian River Inlet Coast Station reported northeast winds between 20 and 40 MPH with some higher gusts. Tides reached three feet above normal. State officials reported this as major beach and dune erosion. Damage was estimated in excess of \$50,000. One property owner reported the cost of repairing damage to his beach home and land at \$35,000.
MARYLAND & D.C.									
Ridgely, Caroline County	18	7:20 p.	<0.1	10	0	0	4	0	WIND/TORNADO
									A small tornado, apparently moving from north to south, touched and demolished 75 percent of the 23-foot high cinderblock walls of a bottling plant under construction. Neighbors reported a roaring sound as that of freight trains but no one reported seeing the tornado. A thunderstorm was occurring at that time. A neighbor also reported that his home shook as the tornado went aloft. Damage was reported at \$35,000.
Atlantic Coastal and Chesapeake Bay areas	26-27				0	1	5	0	Northeaster, High Tides
									A slow moving northeaster, combined with three successive high tides (one on the 26th and two on the 27th) brought significant sand loss and damage to bulkheads in the Atlantic Coastal areas, especially at Ocean City. The Coast Guard at Ocean City estimated the winds gusted to 55 MPH. Tides reached as much as three feet above normal. Damage to boardwalk was reported minor.
									Winds overturned a camper in the Salisbury area where there were also scattered reports of downed trees and power lines.
									A barge ran aground off Dares Beach, Calvert County because of high winds and choppy seas in the Chesapeake Bay. One seaman on the attendant tug was washed overboard and received a leg injury in the mishap.
									Total damage was estimated at \$150,000.
MISSOURI									
Appleton City, St. Clair County	2	9:30 am	?	?	0	1	0	0	Lightning
									Orval Johnson was struck by a lightning bolt as he was closing a wire gate in a field about 2 miles from his house southeast of Appleton City. The strike knocked him unconscious for a few minutes and temporarily paralyzed his left arm. Jumping from slight skin burns and a zigzag burn in his t-shirt, Johnson said the lightning struck his left hand, raced up his arm to his armpit and split in three directions. The largest streak crossed his abdomen and ended midway across his right thigh.
Vandalia, Audrain County	5	10:30 am	?	?	0	0	3	0	Severe Thunderstorm
									A brief thunderstorm with high winds and large hail struck the west edge of Vandalia, shattering the windows and windshields of many cars parked on the Vandalia-Farber High School parking lot. There was no damage to the school buildings. Two large storage sheds were heavily damaged or destroyed, and several small sheds blown away. Downtown a large plate glass window at Mitchell's Clothing Store was cracked, and a Cessna 150D at the Vandalia Air Park suffered damage.
St. Clair County	5	ngt.	?	?	0	0	3	0	Wind
									Extensive wind damage was reported in Osceola, Lerry City, and the Ohio area. In Osceola, a large tree fell on the top of a car, smashing the roof, denting both fenders and the hood, and bending the door frame. The Home Decorator's Shop in town lost their large outdoor sign and a front plate glass window.
MISSOURI (continued)									
Independence, Jackson County	5	9:40 pm	.1	30	0	0	3	0	Tornado
									A mini tornado touched down briefly in eastern Independence as severe thunderstorms swept the greater Kansas City metropolitan area. Power lines and trees were downed, and a storage shed and trailer were damaged. The same storm had previously done extensive property damage at Olathe and Overland Park in Kansas.
Morgan County	6	3 am	2	100	0	0	4	0	Tornado
									The first damage reported was at the Edmund Tagtweyer farm west southwest of Stover where a machine shed suffered damage. Trees were uprooted for a trail of about two miles in an east northeast direction, where good-sized cedar trees were broken and uprooted. In one case, a cedar tree rested in the top of a big elm. Farm buildings on five farms suffered damage, and a cow on the Mike Lane farm was missing when several hog hutches were torn apart. The most extensive damage was on the farm of Mrs. Robert Hagadorn, where parts of the roof of the machine shed were scattered in all directions. Several broken rafters from the shed were driven into the ground in the east field, deep enough that a farmhand was unable to pull them out. The window in the west wall of the living room of the farm house and its storm panel were shattered, and the broken glass blown into the room. Apparently the tornado went aloft and passed to the north of Stover, where several people were awakened by the roar of wind.
Morgan County	6	3 am	?	?	0	0	4	0	Wind
									The same thunderstorm that produced the tornado near Stover also caused wind damage throughout Morgan County. In the Mill Creek area of Lake of the Osarks, a guest house built over a boat house was flipped upside down off its foundation and onto the Denning residence, breaking several windows. Two large boat docks were demolished at Silver Moon Marina just across from the Denning residence. Other damage in the Mill Creek area included a boat house blown up on the shore and around a tree, a dock turned on its side, and uprooted trees. Damage was also reported at Big Buffalo Cove where docks were overturned and roofs damaged.
Ray County	6	ery mng	?	?	0	0	4	0	Wind
									High winds in a thunderstorm almost completely destroyed a 60 x 100' barn which Terry Jellum had been building since last year at his home about 5 miles southwest of Richmond. Damage to the barn was estimated at \$12,000.
Moniteau County	7	3:30 am	?	?	0	0	4	0	Wind
									A large combination hay and cattle barn on the Glenn Schaffter farm 5 miles southeast of Tipton was destroyed by wind in a thunderstorm.
McDonald and Harrison Counties	9-	ngt 9th, 10 mng 10th	?	?	0	0	3	0	Heavy Rain
									Heavy rain Sunday night and Monday morning of around 4 inches at Bethany in Harrison County and 3 inches in the Pineville and Noel areas in McDonald county, caused flash flooding along smaller streams. Most damage was confined to roads. A portion of the blacktop was washed away by flood waters on Route 7 north of Pineville and on 8th St. in West Bethany. A small dam on the property of Bruce Phillips in McDonald county was washed out when water topped a portion of the earthen fill. Flood damage at Southwest City in McDonald county was limited to the city park and dam.
St. Joseph, Buchanan County	15	late ngt	?	?	0	0	3	0	Wind
									Strong winds in a thunderstorm blew the roof off a house and onto a neighboring house in town. Trees and power lines were also blown down.
Central, Southwest, and Southeast Missouri	17	ngt.	?	?	0	3	5	0	Wind
									Thunderstorms with high winds moved across the state causing damage in the central, southwest, and southeast parts of the state. A barn was leveled 2 miles east of Phillipburg in Laclede county. Trees and power lines were downed, windows broken, roofs damaged, and some metal sheds blown over. A hog finishing structure on a farm at McKittrick in Montgomery county was unroofed, leaving the 140 hogs inside unattended. In northern St. Charles county, boats were overturned and docks were damaged at Center Point Harbor on the Mississippi River. A mobile home belonging to the Samboreki family was overturned near Lawson in Ray county. Three of the four occupants were treated at a hospital and released. Mr. Samboreki suffered eye injuries, son Dennis received injuries to one hand requiring stitches, and daughter Betty received a back injury caused by broken glass, while Mrs. Samboreki escaped injury.
Newton and Greene Counties	18	all day	?	?	0	0	3	0	Wind
									Strong winds around a low pressure center in western Iowa toppled a tree on a truck in Springfield and turned over a large aluminum utility shed in Neosho. Tree limbs blown into power lines caused power outages in Newton county.
St. Louis and St. Francois Counties	18	shrtly aft ligs	?	?	0	0	4	0	Wind
									Thunderstorms with high winds in east central Missouri toppled trees and chimneys, and blew down power lines. In St. Louis, several homes were damaged both on the South Side and in the Florissant area. A picture window of a home in South St. Louis was blown in and the porch and roof damaged. A tarpout of a Florissant home was knocked down, and two cars beneath it were damaged. A building under construction for the Hincity Tire Co. was destroyed in Flat River, and the roof of half of a double-wide mobile home being towed on Highway 67 near Farmington was blown off.
Pemisscot and New Madrid Counties	24	2:30 pm	17	4280	0	0	3	3	Hail
									Hail damaged wheat crops and some buildings in a 3 mile wide area from 4 miles southwest of Bragg City to Portageville.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:																			
LATE REPORTS										LATE REPORTS									
MAINE										NEW HAMPSHIRE									
MARCH 1978										MARCH 1978									
NONE REPORTED										NONE REPORTED									

- 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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