

STORM DATA



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Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

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										
Jackson County	3	Afternoon			0	2	0	0		Lightning
										Two people injured by lightning near Langston. Treated at local hospital and released.
Covington County	7	6:30p			0	0	4	0		High winds
										High winds associated with thunderstorms caused damage to two parked aircraft at the Opelika Airport.
Montgomery County	23	7:15p			0	1	?	0		High winds & Lightning
										High winds associated with thunderstorms caused damage to mobile homes in southwest section of the city. One man was injured when lightning struck nearby.
Marshall County	31	12 Noon	100 yds	50 yds	0	0	5	0		Tornado
										A very small tornado dipped down in the Claysville Community. All property damage was confined to an area 50 yards wide by 100 yards long. Several businesses and a mobile home were damaged.
ALASKA										
Lightning in Fairbanks area	18	1230 AST thru 1300 AST			0	0	4	0		Lightning caused a general power failure in the Fairbanks area from 1230 AST to 1300 AST.
ARIZONA										
Willcox Cochise County	5	5:30 p.			0	5	4	0		Wind, Dust
										Very strong winds with visibility near zero in dust caused a 10 vehicle chain wreck on Interstate 10 about 16 miles east of Willcox. Five persons were injured.
Tucson Pima County	5	Afternoon			0	0	4	0		Wind, Dust
										Winds gusting to around 50 m.p.h. downed several power lines causing power outages for several hours in some sections. Several trees were uprooted and several small buildings were damaged including an 18 foot wide quonset hut which was blown across a 25-foot wide arroyo.
Seligman Yavapai County	6	3:38 p.			0	0	0	0		Tornado
										Pilot reported tornado at Seligman with movement unknown. No damage reported.
Phoenix Maricopa County	7	2:53 a.			0	0	5	0		Wind, Dust
										Winds gusting to 86 m.p.h. at Phoenix International Airport during a thunderstorm caused extensive roof damage to several hangars. A number of small planes were damaged by flying debris. Total damage at airport about \$100,000. Some damage also occurred near the airport where fences were blown down, trees uprooted and large billboards bent over. The area of strongest winds was about 1 mile long and 1/2 mile wide. A 727 aircraft was turned 90 degrees in a parked position. The peak gust of 86 m.p.h. was the strongest ever recorded at Phoenix.
Tucson Pima County	9	7-9:00 p.			0	1	4	0		Wind, Lightning, Flooding
										Thunderstorm with high winds, locally heavy rain of 2 inches and terrific lightning downed power lines, flooded streets and started some fires. The hardest hit were the north and northwest sides where 15 cars and trucks were stranded in water, 3 feet deep. Several houses were hit by lightning, but most damage was minor except for a \$5,000 fire damage to a rehabilitation center. One man was injured slightly when lightning hit his TV antenna and traveled into the kitchen and knocked him about 5 feet.
Heber (12 north) Navajo County	10 & 11	Evenings			0	0	4	0		Flooding
										Heavy thundershowers produced a deluge of 6 inches (unofficial) of rain in 36 hours on a ranch. Two temporary lakes of 600 and 200 acres were formed in low lying areas. Corrals, cattle chutes and a large stock tank were washed away.
Roosevelt Lake Gila County	22	6:00 p.			0	0	5	0		Wind
										A severe thunderstorm packing heavy rains and very strong winds lashed two retirement communities on the south side of the lake. It ripped off roofs, tossed mobile homes about, uprooted trees and downed power lines. About 40 mobile homes were damaged, 4 extensively.
Fort Huachuca Cochise County	23	7:20 p.			0	0	0	0		Wind
										A severe thunderstorm produced heavy rain and wind gusts to 63 m.p.h. No damage was reported.
ARIZONA (continued)										
Coolidge Pinal County	23	7:30 p.			1	0	0	0		Lightning
										A man was hit by lightning, hunting rabbits in the desert near his home. He was hospitalized but died about 20 hours later.
Camp Verde Yavapai County	23 & 24	Evenings			0	1	5	0		Wind, Flooding, Lightning
										High winds and flooding during thunderstorms caused considerable property damage. A few homes had sliding mud cave into basements. Wind ripped off roofs, damaged a number of houses and overturned several mobile homes. One man was injured when his mobile home was blown over. A lightning strike did extensive damage to a private communications system.
Kingman Mohave County	24	4-4:30 p.			0	8	6	0		Wind, Flooding
										A terrific thunderstorm produced flash flooding and wind gusting to 90 m.p.h. In the mobile home community in the Butler area, 100 to 105 units were damaged and 30 of them beyond repair. Damaged estimated at \$500,000 to \$1,000,000. At Mohave County Airport, 6 planes were damaged including two 707's. Power lines and telephone lines were knocked down, trees uprooted and some damage to buildings. Flash flooding caused \$60,000 road damage in the Butler area and \$10,000 in the Bullhead City area. Sewer and water line damage in the Clack's Canyon area estimated at \$15,000.
Apache Junction Pinal County	24	Evening			0	0	4	0		Wind
										A severe thunderstorm with winds estimated around 80 m.p.h. and heavy rain ripped through parts of the community. Several mobile homes were damaged with one turned upside down. A number of roofs were torn off including the entire roof of a large building. Heavy rain flooded highway slips stranding numerous motorists. Water also entered several commercial establishments.
Mesa Maricopa County	24	7:30 p.			0	0	5	0		Wind
										Very strong wind during a thunderstorm demolished 3 single engine airplanes at Falcon Field and damaged several others. A wall was blown out of a hangar. Damage to planes estimated at \$75,000.
Payson (7 southeast) Gila County	28	4:30 p.			0	0	0	3		Hail
										A very heavy thunderstorm dumped 1 to 2 inches of moisture on ranches, including golf ball size hail. The ground was white in one area. Small acreage of corn and beans were a total loss.
Salt River Valley Maricopa County	28	10-11:00 p.			0	1	5	0		Wind, Lightning, Funnel Cloud
										A severe thunderstorm moved across the Salt River Valley from east to west and affected most communities in the Greater Phoenix Area. Winds gusted to 60 m.p.h. at Phoenix International Airport. There was wind damage to houses, mobile homes, apartments, power lines and trees. There were numerous power outages due to lightning strikes. One man was hospitalized for cuts to his hands and head suffered when lightning struck a window in his apartment. Some livestock were killed by lightning on the northwest side of the valley. There was some local street flooding with up to 1 inch of rain in some sections. A funnel cloud was observed briefly over the north side of Phoenix by an off-duty National Weather Service forecaster at about 10:40 p.m.
ARKANSAS										
Green Forest - Carroll County	2	8:15 p.	1/4	10	0	0	0	0		Tornado
										A tornado briefly touched down in a wooded area 3 miles south of Green Forest. Movement of the tornado was toward the southeast.
Blytheville - Mississippi County	3	8:30 p.			0	3	5	0		Winds
										Strong winds generated by thunderstorms moving through the northern portion of the city injured three persons. One woman was injured when the winds overturned her mobile home. A second woman was injured when winds overturned her parked car and a third was injured while in a shopping center. A restaurant, grocery store, and furniture store sustained major damage which was nearly one hundred thousand dollars.
Northern St. Francis County	14	5:15 p.			0	0	0	3		Wind
										Strong winds generated by thunderstorms moving through the area blew down numerous peach-laden trees at a local orchard. Damage was estimated to be several thousand dollars.
Ashdown - Little River County	18	Afternoon			0	1	0	1		Lightning
										During a thunderstorm, Mrs. Francis Whisenhunt was turning off the exhaust fan over her stove when lightning struck the house. The lightning followed a path to the fan and knocked Mrs. Whisenhunt out. She was taken to a hospital and later recovered from shock.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
ARKANSAS (continued)										COLORADO									
Russellville - Pope County	21	3:00 p. to 3:20 p.			0	0	4	0	Wind	Fort Morgan and vicinity	02	Late afternoon			0	0	5	C	Heavy Thunderstorms
									Strong winds generated by thunderstorms blew down numerous trees and utility poles. In addition, a store on the highway to Dardanelle had its roof blown off and a wall and several windows blown out.									Wildcat Creek overflowed a bridge on Highway 52 10 miles north of Fort Morgan. 2 families evacuated in Dodd Bridge Road area, as section of this road washed out. Trailer overturned by flood near Dodd Bridge Road. People got out all right. Wild bird pens at Brookforest Kennel and Hunt Club were flooded, drowning 5000 pheasants, chickens and quail. Some roads were closed due to flooding near Weldona, 10 miles NW of Ft. Morgan. Bridges out at intersection of county road W and 23. Highway patrol car damaged as tree blew down and was hit by car; driver unhurt. Marvin Kambel farm reported loss of 235-acre corn crop and 120 acres of adjoining corn crop and 66 acres of sugar beets down to nothing. Kambel called it worst storm in 20 years. Golf ball hail heavily damaged farmland north of Fort Morgan. An entire wheat crop was lost on a farm northwest of Fort Morgan. Up to a foot of hail covered the ground in some places. Winds downed power lines and damaged trees. There were some power and telephone outages. Associated squall line moved across NE Colorado during evening.	
Altus - Franklin County	22	5:05 p.			0	1	0	0	Lightning	Greeley	02	Late afternoon			0	0	?	?	Thunderstorms, Lightning
									A woman suffered burns on her face and body while attempting to unplug a washing machine during a thunderstorm. Lightning hit the house with the electrical charge traveling through the outlet and washing machine cord.									Lightning struck a junction box, causing power service to be cut off to about 150 homes at 4:00 p.m.	
"Y" City - Scott County	25	2:30 p.			0	0	3	0	Winds	Burlington, Kit Carson Co.	02	2045			0	0	?	?	Hail
									Thunderstorm winds overturned a mobile home destroying most of its contents.	Idalia, Yuma Co.	03	2220							Hail
Ashdown - Little River County	25	Afternoon			0	1	0	0	Lightning	Hudson, Adams Co.	04	1825	0.3	150	0	0	4	C	Tornado
									Mrs. Francis Whisenant was injured by lightning while turning off an exhaust fan during a thunderstorm. This was the second consecutive Sunday in which lightning injured her.									Tornado touchdown NE of Hudson causing damage to buildings and trees on at least 5 farms. Most damage was reported on Gurtler farm, about 1/2 mile N of 1-76 on Weld Road 49, where roof was torn off barn, a grainery damaged, storage shed destroyed, roof torn off a well shed, storm door ripped off family home and trees were uprooted. Cottonwood trees were uprooted at the Shaklee farm. Barn was damaged on Graybill farm, garage roof blown off and windows broken on house and 2 vehicles. A chimney was blown down and trees uprooted on the Bell farm.	
15 Miles South of Mountain View - Stone County	29	Afternoon			0	3	0	0	Lightning	Pueblo, Pueblo Co.	04	2233			0	0	0	?	Wind gust
									Three men were slightly injured when the truck they were getting into was struck by lightning.									Memorial Airport observation reported peak wind of 50 knots (58MPH). Thunderstorms in vicinity with frequent lightning to the NW.	
Lake Conway - Faulkner County	29	12:45 p.			0	0	0	0	Hail	Pueblo, Pueblo Co.	13	1430 to 1442			0	0	0	?	Thunderstorm, Wind
									Hail up to 1 3/4 inch in diameter fell on Lake Conway.									Peak wind gusts 53 knots (61 MPH) with isolated severe thunderstorm moving West to East ahead of N-S line of showers and thunderstorms.	
Jacksonville - Pulaski County	29	3:00 p. to 4:00 p.			0	0	3	0	Hail, Rain, and Lightning	Fort Morgan	18	afternoon			0	0	2	0	Wind Gust
									Hail up to golf ball size fell on portions of the city doing little damage. Lightning struck several residences resulting in minor damage. Rainfall associated with these thunderstorms was in excess of four inches. However, only minor flooding was reported.									A strong wind gust upended the city's 7000 lb. showmobile at the golf course. No one was injured although several were nearby.	
Benton - Saline County	29	3:30 p.			0	0	3	0	Winds	Colorado Springs	19	afternoon			0	0	?	0	Thunderstorms
									Winds generated by thunderstorms overturned an unoccupied mobile home.									Minor street flooding and several power outages. Lightning burned down a power line pole in Manitou Springs. Several cars were stalled in Manitou due to street flooding.	
Southwest Lincoln County	29	7:00 p.			0	0	3	0	Winds	Denver and Arapahoe County	20	afternoon and evening			0	0	?	0	Thunderstorms
									High winds generated by thunderstorms damaged several outbuildings and numerous trees.									Flash flooding of streets, particularly in SE Denver and Western Arapahoe County. In Littleton (10 miles S of Denver) 3.35 inches of rain were measured at Kessler from 8:30 p.m. to 1:30 a.m. MDT.	
Salem - Fulton County	31	8:10 p.			0	0	0	0	Hail	Aurora	21	afternoon							
									One inch hail fell on the town with no damage reported.									1.75 inches of rain recorded in 40 minutes at one point in SE Aurora (20 miles SE of Denver); 2 inches recorded in 20 minutes at Cherry Creek reservoir, where the maximum 5-minute intensity of 9.84 inches per hour exceeded the 100-year value of 8.8 inches per hour. Serious local flash flooding occurred.	
CALIFORNIA NORTHERN & CENTRAL										Big Thompson Canyon, Larimer County									
									NONE REPORTED		31	2030 to 2200	25	1-200	156	250	*7	C	Thunderstorms and Flash Flood
CALIFORNIA SOUTHERN										Thunderstorms caused major flash flood in Big Thompson River Canyon. Path of destruction began near Estes Park and extended for 25 miles to Loveland. Survivors told of a wall of water 6 to 8 feet high in the narrow canyon of the Big Thompson and its north fork, where hundreds of cars and campers were strewn. Much of Highway 34 was washed away between Estes Park and Loveland. On Sunday Aug. 1, 840 persons were evacuated by helicopter with 250 reported injured. One of the hardest hit towns was Glen Haven about 6 miles NE of Estes Park. About 200 persons were still stranded in the canyon at 6 p.m. Sunday with 56 known dead. On Monday Aug 2 President Ford declared Larimer County a major disaster area. By Sept 1 131 bodies had been recovered and 123 identified. Expected death toll 156. The river was 20 feet in places over its normal 4-5 foot depth. Estimated property damage 29 million dollars. Heaviest rain was in an oval shaped area 3 miles along the river and 1 mile wide with the west edge of the oval just E of Glen Comfort. 9.9 to 11.5 inches of rain fell in this area.									
										CONNECTICUT									
										Sterling									
										1 12:15AM									
										0 0 3 0									
										Lightning									
										A barn holding 10 tons of hay burned after being struck.									
										New Milford									
										8 2:34 PM 4:10 PM									
										0 0 3 0									
										Lightning									
										Lightning struck a power station twice.									

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DELAWARE									
Newcastle and Kent Counties	11	Morning			0	0	3	0	Rain, Lightning
Rainfall total of 3-4 inches regarded as "million dollar rain" by local agriculture agent. Hospital in Dover has seen 600,000 gallons of water pumped out of first floor area by fire company, thus averting a shutdown of the facility. Lightning strikes caused electrical failure throughout the Odessa-Middletown area.									
Frankford, Sussex Co.	24	Early AM			0	0	4	0	Lightning
Lightning struck fuse box of home. Resulting fire destroyed the two-story, eight-room dwelling, which also contained valuable antiques.									
FLORIDA									
Zephyrhills, Pasco County	1	11:40 AM EST			0	0	4	0	Lightning
Lightning struck a residence during a thunderstorm causing a fire which resulted in extensive damage to the roof and kitchen. No injuries.									
Dade City, Pasco County	1	3:35 PM EST	1/10	20	0	0	3	0	Tornado
A small tornado touched down briefly near a group of mobile homes in the Sunset Hill subdivision of Dade City. Damage estimated at \$2,000 included an awning ripped off of one mobile home, a utility shed destroyed, windows shattered by flying debris, and power lines knocked out. No injuries.									
Tampa, Hillsborough County	1	3:52 PM EST			0	0	0	0	Funnel aloft.
A funnel cloud aloft was reported three miles east of MacDill Air Force Base.									
Littman, Gadsden County	2	2:00 PM EST	1	30	0	0	4	0	Tornado
A tornado was reported on the ground for more than one mile, uprooting hundred-year-old live oaks, twisting and snapping pine trees and damaging several homes. The roof was blown off of one home at the corner of Post Plant Road and State Road 12, and two other homes on S.R. 12 were damaged by falling trees and limbs. Witnesses reported a roaring noise like a jet. Damage was estimated at \$15,000 not including timber. No injuries.									
Jacksonville, Duval County	2	4:45 PM EST			0	0	0	0	Wind and hail.
Wind gusts to 63 mph and one half inch hail were reported during a severe thunderstorm at Cecil Field southwest of Jacksonville. No damage was reported.									
Ocala, Marion County	2	7:17 PM EST			0	0	0	0	Funnel aloft.
A funnel cloud aloft was reported by the public 15 miles northwest of Ocala.									
Ormond Beach, Volusia County	3	2:30 PM EST	1/10	20	0	0	3	0	Tornado
A small tornado touched down briefly west of Ormond Beach destroying two metal sheds and knocking down a number of trees and power lines. A 7 by 10 foot metal shed reportedly was picked up and blown 170 feet. Marble-sized hail was reported. No injuries.									
Micanopy, Alachua County	6	3:30 PM EST	1/10	40	0	0	4	0	Tornado
A tornado sighted by the public uprooted massive oak trees, averaging about three feet in diameter, and dropped them on several mobile homes, a pick-up truck, power lines and in the streets. No injuries were reported. Damage was estimated in excess of \$10,000.									
Green Cove Springs, Clay County	6	4:30 PM to 5:00 PM EST			0	2	3	0	Lightning
Lightning struck a private residence during a severe thunderstorm starting a small fire and knocking out the air conditioning unit, a telephone answering service, and damaging tubing to the gas water heater. The residents, a minister and his wife, received minor injuries. The minister, preparing to try out his new telephone answering service device, stated that he was struck in the back and the lightning went out his knee. His wife suffered a hand burn. Damage was estimated between \$500 and \$700.									
Jacksonville, Duval County	6	Afternoon			0	0	4	0	Severe thunderstorms.
Severe afternoon thunderstorms accompanied by heavy rains and gusty winds resulted in widespread power outages and some street flooding. Primary damage was to electric transformers and power lines. Reportedly 50 transformers were burned out and several hundred others knocked out of commission during the thunderstorms.									
Orlando, Orange County	6	7:30 PM EST			0	0	0	0	Funnel aloft and high winds
Wind gusts to 63 mph were observed at Herndon Airport at 7:22 PM EST during a thunderstorm, and a funnel cloud aloft was reported by the public in southwest Orlando at 7:30 PM EST. No damage or injuries were reported.									
Apalachicola, Franklin County	7	10:15 AM EST			0	0	0	0	Waterspout
A waterspout was reported about 70 miles west-southwest of Apalachicola.									

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FLORIDA (continued)									
Pinellas Park, Pinellas County	7	6:35 PM EST	1/10	20	0	0	3	0	Tornado
A small tornado dipped down briefly during a thunderstorm destroying two steel utility sheds at a lumber company scattering plywood and other building materials around the area. Also, a CB radio antenna at an industrial complex was bent by the wind. No injuries were reported.									
Anna Maria Key, Manatee County	8	1:17 PM EST			0	0	0	0	Waterspout
A waterspout was reported by the public 3 miles west of Skyway Bridge and 14 miles east of Anna Maria Key.									
Ft. Lauderdale, Broward County	8	2:30 PM EST			0	0	0	0	Waterspout
A waterspout was reported by the public 2 miles east of Ft. Lauderdale.									
Ocala, Marion County	9	4:20 PM EST			0	0	0	0	Hail
Golf ball sized hail was reported by the public during a severe thunderstorm 10 miles west of Ocala. No damage was reported.									
Ocala, Marion County	10	6:00 PM EST	1/10	40	0	0	5	0	Tornado
A tornado touched down briefly in west Ocala leveling a warehouse on State Road 200 containing large rolls of carpet and various building materials. Portions of the prefabricated aluminum structure were blown across the four-lane highway blocking traffic briefly. The tornado occurred during a thunderstorm with heavy rain, and about 1,000 westside homes lost electric power. No injuries were reported. No dollar damage was listed.									
Miami, Dade County	11	5:57 AM EST			0	0	0	0	Waterspout
A waterspout was reported by the public 14 miles northeast of Coral Gables.									
Jacksonville, Duval County	13	Afternoon			0	0	5	0	Lightning
A bolt of lightning set fire to a storage tank containing 1.5 million gallons of gasoline at the AMOCO Oil Company terminal on Hecksher Drive. Flames reached a height of 40 feet, but firemen extinguished the blaze in about 5 minutes. Damage to the tank lid was estimated at more than \$50,000. There were no injuries.									
Marathon, Monroe County	14	7:50 AM EST			0	0	0	0	Waterspout
A waterspout was reported by the public 5 miles south of Marathon in the Florida Keys.									
Fort Pierce, St. Lucie County	16	3:00PM to 5:00PM EST			0	0	4	0	Lightning
A series of severe thunderstorms produced frequent lightning strikes resulting in numerous fires and power interruptions. The Fort Pierce-St. Lucie County Fire Department responded to a total of 25 calls mostly between 3 PM and 5 PM EST. Many of the calls turned out to be grass fires; however, two homes sustained extensive damage. A mobile home on south U.S. 1 was destroyed by fire, and a vacant one-family residence sustained damage estimated at \$20,000. No injuries were reported.									
Hollywood/Fort Lauderdale, Broward County	16	3:30PM to 4:30PM EST			0	0	5	0	High wind, rain, lightning, hail.
A severe thunderstorm accompanied by high winds, heavy rains, lightning and hail moved across the Hollywood/Ft. Lauderdale area causing extensive damage. Three airplanes were destroyed, three damaged, and a 160-foot building heavily damaged at the Ft. Lauderdale/Hollywood International Airport. Also, lightning struck a large 50 x 100 foot storage building at the north end of the airport causing a fire which destroyed the building. Wind gusts to 60 mph and small hail were reported at nearby Dania. Other miscellaneous incidents in the area included a roof ripped off of a luxury mobile home, power interruptions, street flooding and automobile accidents, one house fire in Hollywood probably caused by a bolt of lightning, and a section of telephone pole blown into a swimming pool. Estimated damage at the airport alone exceeded \$100,000. No injuries were reported.									
Ocala, Marion County	16	5:00PM to 6:00PM EST			0	0	4	0	High winds and hail.
A severe thunderstorm accompanied by high winds and one inch hail caused widespread tree damage in Ocala, damage to power lines, at least two automobiles struck by fallen trees, and numerous storm-related traffic accidents. In view of the large number of fallen trees and branches, it was amazing that no homes were seriously damaged. No serious injuries were reported.									
Key West, Monroe County	17	1:01 PM EST			0	0	0	0	Waterspout
A small waterspout reported 10 miles northwest of Key West was visible for about two minutes before dissipating.									

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FLORIDA (continued)									
Crystal River, Citrus County	17	4:51 PM EST	1/10	20	0	0	3	0	Tornado
A small tornado moving west-northward touched down briefly in a recreational area near Crystal River and ripped the roof off of a concession building carrying it 150 yards. Damage was estimated at \$1,000. Strong winds from the parent thunderstorm blew down numerous trees near the airport and Seven Rivers Golf and Country Club.									
Lee County	19	2:10 PM EST			0	0	0	0	Funnel aloft
A funnel cloud aloft was reported by the public at Cape Coral. The parent thunderstorm was drifting slowly northward.									
Orange County	19	4:30 PM EST			0	0	0	0	Funnels aloft and heavy rain
Widespread thunderstorms spawned two funnel clouds in Orlando that did not touch down but were visible for several minutes. Small hail was reported in Casselberry, Maitland and Altamonte Springs. Frequent lightning disrupted electrical power. Heavy rains caused some street flooding.									
Naples, Collier County	19	4:45 PM EST	1/10	20	0	0	4	0	Tornado
A small tornado dipped down briefly, tore a 20 x 60 foot roof section from a building at 5500 Houchin Street, and wrecked two 18-foot boats parked outside. No other nearby structures were damaged. The tornado was moving from north to south. No injuries were reported.									
Campbell, Osceola County	19	5:25 PM EST			0	0	0	0	Severe thunderstorm
Wind gusts reached 75 mph during a severe thunderstorm. No damage was reported.									
Marion County	19	7:00 PM to 9:00 PM EST			0	0	3	0	Funnel aloft and severe thunderstorm
A thunderstorm spawned a funnel cloud in the Ocala area, but it did not touch down. The severe thunderstorm, moving from south to north, lasted about two hours. Gusty winds and frequent lightning disrupted electrical power and downed trees. Quite a bit of minor damage was reported, mostly from fallen tree limbs and branches. No injuries were reported.									
Duval/St. Johns Counties	20	4:02 PM EST	1/10	15	0	0	0	0	Tornado
A tornado was reported by an off-duty police officer two miles east of the rest stop on the Duval/St. Johns County line on I-95. The tornado occurred in open country, lasted only a short time, and caused no damage.									
Sarasota County	21	1:00 PM EST			0	0	0	0	Hail
Golfball size hail was reported in the Sarasota area during a thunderstorm. The hailstorm lasted about five minutes. No damage was reported.									
Lee County	21	2:50 PM EST			0	0	3	0	Severe thunderstorm
Large chunks of hail were reported during a thunderstorm to the south of Ft. Myers. Winds blew down signs, a tree two feet in diameter, and scattered debris over the highways. Lightning disrupted electrical power and ignited numerous wood fires. No injuries were reported.									
Hillsborough County	21	3:20 PM EST			0	0	0	0	Severe thunderstorm
Wind gusts to 68 mph were reported at Dover during a thunderstorm. There were several observations of small hail in the Tampa Bay area. No damage was reported.									
Polk County	21	3:30 to 4:30 PM EST			0	0	4	0	Lightning
Frequent lightning associated with a thunderstorm in Lakeland damaged the roof of the Chamber of Commerce Building, knocked out a sewage pumping station, and caused \$1800 damage to four power transformers. Lightning in Bartow caused \$6000 damage to a bank of transformers.									
Bellview, Marion County	21	5:00 PM EST			0	0	0	0	Hail
One inch hail was reported southwest of Bellview during a severe thunderstorm. No damage was reported.									
Starke, Bradford County	21	6:00 PM EST	1/10	20	0	0	4	0	Tornado
A tornado dipped down briefly just west of Starke turning over two mobile homes and lifting three others off their foundations. All of the mobile homes had been tied down. One mobile home was lifted high in the air and dropped 40 feet away. Damage was estimated at \$900. The tornado, which was moving toward the west, also damaged trees, tore the roof from a roof shed, destroyed part of a hay barn, and destroyed a chimney. There were no injuries as the residents were not home at the time.									
Pompano Beach, Broward County	22	5:50 AM EST			0	0	0	0	Waterspout
A waterspout was observed two miles east of Pompano Beach.									
FLORIDA (continued)									
Dade County	22	8:30 AM EST			0	0	0	0	Waterspout
A waterspout was reported eight miles southeast of Key Biscayne.									
Monroe County	22	9:30 AM EST			1	1	2	0	Lightning
Lightning struck two men fishing in a boat two miles off Marathon near Washer Woman Shoals. One man was killed and the other injured. The bolt of light went down the CB radio antenna and emerged from the receiver. Lightning struck the boat two times. The first strike, moments before the fatal one, did not harm the men.									
Pinellas County and Western Pasco County	22	11:00 AM to 1:00 PM EST			0	0	4	0	Severe thunderstorm
A severe thunderstorm produced gusty winds, frequent lightning, heavy rain and hail. 450 lightning bolts were recorded in St. Petersburg sparking minor fires, damaging trees and interrupting power. A German Shepherd dog was struck and killed by lightning. Heavy rain caused local street flooding. Wind ripped the roof off of a building in West Pasco. Three quarter inch hail was reported in northern Pinellas County. No injuries were reported.									
Lake City, Columbia County	22	Late Afternoon			0	1	4	0	Lightning
Lightning injured an 8-year-old boy and started at least two fires in a trailer park just west of Lake City. Trailer damage was \$5500.									
White City, Gulf County	23	4:35 PM EST			0	0	0	0	Hail
One inch hail was reported by Gulf County Civil Defense during a severe thunderstorm.									
Sarasota County and Manatee County	26	12:30 PM EST			0	2	0	0	Lightning and heavy rain
Lightning associated with a severe thunderstorm struck and injured two men who had sought shelter from the rain. One man at Myakka State Park received burns on his upper torso when lightning ricocheted off a nearby tree. Heavy rains at Sarasota/Bradenton Airport deposited 6 to 9 inches of water in the airport parking lots. Lightning caused widespread power disruptions.									
Eustis, Lake County	27	5:00 PM EST			0	0	4	0	Windstorms, rain and hail
A severe thunderstorm lasting about 30 minutes was accompanied by strong, gusty winds, heavy rain and hail. Wind damage included a boathouse and dock destroyed on Lake Eustis, damaging several boats, broken windows in parts of the city, a number of downed trees and tree limbs, and several power lines blown down. No injuries were reported.									
Key West, Monroe County	27	5:50 PM EST			0	0	0	0	Waterspout
A waterspout was reported near the Boca Chica Naval Air Station.									
Boynton Beach, Palm Beach County	28	8:40 AM EST			0	0	0	0	Waterspout
A waterspout lasting five minutes was reported off Boynton Beach moving westward.									
Chuluota, Seminole County	28	Afternoon			0	0	4	0	Wind and rain
Strong, gusty winds during a thunderstorm wrenched three gliders and a single-engine airplane from their moorings at the Seminole Flying Ranch turning them upside down. The tail of the airplane was torn off. About 15 other aircraft escaped damage. There were no injuries. Damage was estimated at \$30,000.									
Miami, Dade County	29	10:00 AM to 10:45 AM EST			0	0	0	0	Funnels aloft
At least three funnel clouds were reported by the public two to three miles west of the Palmetto Expressway and northwest of Miami International Airport.									
Winter Garden, Orange County	29	3:20 PM EST			0	0	0	0	Funnels aloft.
Two funnel clouds were reported by the Winter Garden Fire Department.									
Zephyrhills, Pasco County	29	Evening			0	0	4	0	Lightning
Lightning struck a residence on Orange Drive causing a fire which resulted in damage estimated at \$15,000. There were no injuries.									
Key Largo, Monroe County	30	Early Morning			1	0	0	0	Lightning
A 42-year-old man was found dead in the bottom of his boat at 8 AM EST in a marina on North Key Largo. It was determined by the County Medical Examiner that the man was killed by lightning. Thunderstorms had been reported in that area earlier.									
Tampa, Hillsborough County	30	9:45 AM EST			0	0	0	0	Waterspout
A waterspout was reported 10 miles southwest of MacDill Air Force Base over southern Tampa Bay near the Sunshine Skyway.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
FLORIDA (continued)									
Pensacola, Escambia County	31	2:50 PM CST			0	1	5	0	High winds and heavy rain.
					One man was injured and over two dozen small airplanes and a metal hangar were damaged when a severe thunderstorm accompanied by high winds and heavy rains moved across Pensacola Airport. Wind gusts to 66 mph were recorded at the airport along with a driving rain. The strong winds lasted only about three minutes but totally destroyed five private planes, and damaged another 20. One plane was found upside down on a chain-link fence, another was ripped in half, and others were strewn about the field. One of the control tower operators received cuts when a glass panel in the tower was smashed. Damages were estimated to be in excess of \$280,000.				
Vero Beach, Indian River County	31	5:10 PM EST			0	0	0	0	Funnel aloft.
					A funnel cloud was reported by the public 10 miles northwest of Vero Beach.				
South Brevard County	31	Afternoon			0	0	0	0	Funnels aloft.
					At least two funnel clouds aloft were reported by the public in the south Melbourne and Palm Bay areas. No damage occurred.				
GEORGIA									
Ossabaw Island	4	Afternoon			0	0	3		Wind
					30 people were stranded on Ossabaw Island when a storm from the mainland swamped two boats and nearly sank two others. 30 others safely made a run across St. Catherine's sound during the storm.				
Jenkins County	4	Afternoon			0	0		4	Wind
					75-100 pecan trees were blown over in pecan orchard on the Sardis Road. Trees down in various parts of county.				
Wrightsville	4	Afternoon			0	0	3		Wind
					High winds rolled a 52x12 foot trailer 2 1/2 times destroying it. No one occupying trailer at time of storm.				
Ocilla, Irwin County	4	Afternoon			0	0	3		Thunderstorm
					Fallen trees, roof damage, severe lightning and power interruptions were the principal effects.				
Reidsville	4	5:00 p			0	0	3		Wind
					Several house roofs damaged, trees and shrubs uprooted and power lines downed.				
Sylvester	5	Afternoon			0	0	3		Wind
					Wind blew down a partially erected grain storage bin.				
Savannah	13	7:30 p			0	0	4		Thunderstorm
					Wind gusts were officially measured at 54 mph at Travis Field. High winds in Savannah snapped some tree limbs, downed power lines, interrupted telephone service and blew out a plate-glass display window.				
Troup County	15	2:30 p			0	0	3		Lightning
					Lightning killed 10 cows on the farm of Mr. R. L. Davis on Old Franklin Road. The animals were huddled under a tree during a storm.				
Cleveland, White County	15	3:00 p			0	1	4		Lightning
					Lightning damaged City Hall, caused fires which destroyed one residence and damaged another, and injured the CD radio operator. The CD radio and state radio were destroyed.				
Lavonia	15	5:00 p			0	0	3		Wind
					Trees down with \$5,000 damage.				
Ringgold, Catoosa County	16	Afternoon			1	2			Lightning
					A teen-age boy was killed and two companions were injured by lightning as they camped late Thursday night on Taylor's Ridge south of Ringgold. A sheriff's deputy said that there wasn't much of a storm--just two or three lightning bolts.				
Cobb County	16	Afternoon			0	0	3		Wind
					Wind damaged several buildings in the Canton Road area near Sandy Plains Road.				
Atlanta	16	4:30 p			0	4			Wind
					Three women and a man were injured Friday when high winds blew out a plate-glass window in downtown Atlanta. Power outages affecting about 2,500 homes were reported by Georgia Power Company.				
Quitman, Brooks Counties	19	Afternoon			0	0	4		Wind
					Many large trees toppled during storm. Roof of service station blown onto adjacent lot. Numerous cases of lightning damage to TV sets, antennas and air conditioners.				

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					KILLED	INJURED	PROPERTY	CROPS	
GEORGIA (continued)									
Houston County	20	6:28 p			1	0			Lightning
					A 22 year old Unadilla man was killed when hit by lightning on the Kirsey Farm on Elko Road, just north of the Dooly County line. The victim sought shelter under a large tree because, according to companion, "it would knock off more rain".				
Lake Allatoona	21	Afternoon			1	0			Lightning
					A Riverdale, Ga eleven year old boy was struck and killed by lightning at a campsite on Lake Allatoona. The boy was walking near a tree which was struck by the lightning. Others in the part were stunned. Resuscitation attempts were made on the sight.				
Ft. Benning	23	Afternoon			0	1			Lightning
					A 24 year old soldier was hit by lightning in front of the National Bank of Ft. Benning. He was given aid by a witness and by the Columbus Rescue Squad.				
Ft. Benning	24	Afternoon			0	19			Lightning
					Nineteen soldiers were injured--5 requiring hospitalization--as lightning struck the ground near the men's shelter and travelled through rain water. The company commander and platoon sergeants were taking protective actions when the lightning struck.				
Reynolds	26	Afternoon			0	0	3		Wind
					Roof damage to a store and heavy rain, lightning and high winds in the valley area.				
Lafayette, Walker County	27	4:00 p			0	0	4		Wind
					High winds damaged the city's electric system in the amount of \$6,000. Telephone line damage approx. \$2,000-\$3,000. Hail in some sections.				
Rome & Floyd County	27	6:00 - 9:30 p			0	0	4		Lightning
					Lightning struck two houses, two outbuildings and an electrical transformer in Rome.				
Cartersville & Bartow County	27	7:00 p			0	0	4		Wind, Lightning
					High winds, heavy rains and lightning caused much damage to Cartersville and Bartow County residents, interrupting electrical and telephone service and burning one house.				
HAWAII									
NONE REPORTED									
IDAHO									
Lenhi County	12	Afternoon			0	0	3	0	Wind
					High winds blew down trees damaging power lines in the Baker area and south of Salmon at Head's Haven. There were numerous incidents of limb damage to power lines and fuses blown as a result of the strong wind.				
Elmore County	18	1:30 p.	6	2*	0	0	3	5	Hail, wind
					A thunderstorm with strong winds and golf ball size hail which lasted about 15 minutes destroyed or seriously damaged about 2000 acres of farm crops south of Mountain Home. The hail damaged automobiles, broke windows, and did other minor miscellaneous damage. The wind uprooted a few trees, damaged four power poles and did minor roof damage.				
Twin Falls and Jerome Counties	18	Afternoon	10	2*	0	0	0	5	Hail
					Heavy hail caused 20 to 100 percent crop loss over a two mile wide swath extending from the Pleasant Valley area south of Kimberly, Twin Falls County, northeastward to the Eden-Hazleton area in Jerome County. Hail stones, some as big as nickels, piled 5 to 6 inches deep in places. Crops damaged included beans, peas, sugar beets, hay, grain and potatoes.				
Elmore County	20	Evening			0	0	4	0	Lightning, wind
					Five range fires were started by lightning and spread by strong winds. Several hundred acres altogether were burned before fire fighters were able to bring the fires under control by dropping numerous loads of retardant.				
Aberdeen area, Bingham County	31	Late afternoon			0	0	0	4	Hail
					A hail storm damaged potato, grain, and beet crops on several farms. Some crops were a total loss and others damaged enough to cut the yield.				

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					KILLED	INJURED	PROPERTY	CROPS	
IDAHO (continued)									
Oneida County	31	Early evening			0	0	4	2	Wind, flash flooding
			Strong winds during thunderstorms uprooted trees, downed power poles and caused property damage. One mile southwest of Malad, a machine shed 30 feet wide and 90 feet long was destroyed damaging a truck inside. Part of a stage built for the Bicentennial pageant at Malad was blown down. Other minor building damage included broken windows and damaged roofs. In Mt. Elkhorn, fences and yards were washed out with wide swaths cut through grain fields by flash flooding.						
ILLINOIS									
Ford and Iroquois counties	2	11am-1:30pm			0	0	0	0	Funnel clouds
			As late morning thunderstorms rolled over the eastern portion of the state, several funnel clouds were sighted by police, fire departments, and the general public. The sightings were in the southern part of Iroquois county near the towns of Loda, Buckley, Ciesna Park, and Milford. At 11:25am several funnel clouds were reported in Ford county near Paxton.						
Southern third	2-3				0	0	4	0	Heavy rain
			Thunderstorms with heavy rain plagued the southern third of the state causing localized flooding. Nearly four inches of rain fell at Carbondale during the night forcing several road closings. The heavy rain continued into the morning of the 3rd. Four to six inches of water damaged three businesses in Eldorado. Other area towns suffered minor flood damage.						
DuPage and Cook counties	14	evening			0	0	4	0	Thunderstorms, wind
			Scattered but powerful thunderstorms with winds up to 60mph damaged power lines, tree limbs, and personal property during the evening hours. Extensive power outages were reported in the suburbs of Chicago. Fifty to sixty miles an hour winds swept the Arlington Heights area around 6:30pm. Three small planes were overturned at the DuPage County Airport; one plane was totally destroyed. A wall of a shopping center under construction was toppled by the strong winds. In Palatine several parked cars were overturned.						
Ford county	15	12:05pm			0	0	3	0	Thunderstorms, wind
			Early afternoon thunderstorms uprooted trees and downed power lines in the county. Winds gusted to 60mph at Piper City at 12:05pm.						
Tazewell county	15	3:10pm			0	0	3	0	Thunderstorms, wind
			Thunderstorm-driven winds uprooted several trees and downed some power line in the Forest City area south of Peoria at 3:10pm.						
Mt. Vernon	21	1:45pm			0	0	2	0	Wind
			Strong, gusty thunderstorm winds blew a trailer over at the airport terminal.						
Zion	23	7:05pm			0	0	0	0	Waterspout
			A waterspout was sighted over Lake Michigan east of Zion.						
Cook and DuPage counties	23	evening			0	0	4	0	Thunderstorms, wind
			Spectacular lightning and gusty winds accompanied thunderstorms as they moved across portions of the Chicago metropolitan area. Winds gusted to 60mph at Regis Field on Chicago's lakefront at 10pm. In suburban Westmont strong winds shattered a plate glass window and downed several trees and power lines.						
Gorham	24	5:10pm			0	0	2	0	Wind
			Winds gusting to 70mph blew down trees in Gorham.						
St. Clair and Monroe counties	26	evening			0	0	4	3	Thunderstorms, wind, heavy rain, hail
			Thunderstorms with strong winds, heavy rain, and hail struck the two county area during the evening hours. Strong winds tore a section of roof from a motel in Centerville about 8pm. Utility poles and trees were downed in Centerville, Alorton, and the eastern side of East St. Louis. As much as seven inches of rain were reported with the storms near Waterloo causing some flooding; golf-ball size hail also fell near Waterloo damaging some crops.						
W Chenoa	28	2:55pm	?	?	0	0	4	0	Tornado
			A tornado destroyed a garage, damaged two homes, and knocked down several trees four miles west of Chenoa.						
McLean	28	3:35pm			0	0	0	2	Tornado
			A tornado briefly touched down in an open field causing damage to a small area of crops.						
Grantfork	28	4:45pm	?	?	0	0	4	3	Tornado
			A tornado struck a farm at Grant fork destroying a barn and a machine shed into a nearby field.						
Southern third	31	early morning			0	0	4	0	Thunderstorms, wind
			Thunderstorms brought strong winds to much of the southern third of the state during the early morning hours. Widespread minor damage to tree limbs was reported; several power outages were noted. The worst damage occurred as wind pulled a patio awning from a mobile home at Troy at 12:30am. A mobile home five miles north of Benton was overturned by the wind at 3:17am.						
INDIANA									
Muncie Delaware County	6	2:10 P							Funnel cloud
			Funnel cloud observed about 6 miles SE Muncie.						
Dear Creek Carroll County	7	10:35 P	**	50	0	0	3	0	Tornado
			A tornado moving toward the east northeast twisted off tops of tall trees. Corn stalks were torn out of the ground. One house was slightly damaged by felled tree.						
Cass, Grant, Howard, Miami, Hamilton, Tipton, Madison Counties	11	6-11 P			0	2	4	0	Rain, lightning, winds
			Locally heavy rainfall of 2 - 4 inches in 4 hours produced flash flooding in Central Indiana. Flooding of streets, viaducts, low-lying areas and basements was reported from Elwood and Anderson. Two houses in Anderson had foundation collapse as a result of heavy rains. Some hail up to 2/3 diameter accompanied these slow-moving thunderstorms at Peru and Marion. A continuous and massive lightning display lasted several hours. Lightning struck two houses in the vicinity of Logansport. One house about 1/2 mile northeast of Logansport had a corner of the house blown off. A couple of houses were struck by lightning in southwest Hamilton County. A fire caused by lightning destroyed a barn that contained 3,000 bales of hay, plus grain and farm equipment. The barn was located on the Tipton/Hamilton County line. Strong winds blew down several trees, limbs, and power lines. Two people were injured when their pickup truck struck a fallen tree. Heavy rains and darkness had obscured their vision.						
Porter, LaPorte, Marshall, Elkhart, St. Joseph Counties	15	1:30 - 3:30 P			0	2	4	0	Winds, rain
			High winds downed numerous trees, limbs and power lines. No structural damage was reported. One woman was injured seriously when high winds toppled a tree, striking her in the head and pinning her. Another woman was injured from broken glass from a storm door.						
Orleans Orange County	15	2:00 P			0	1	4	0	Winds
			A carnival area was hit by strong and gusty winds. One carnival worker was slightly injured. Several houses suffered damage when struck by falling trees and limbs. A small percentage of the corn crop was broken off and shredded by the high winds.						
Bedford Orange County	15	2:00 P			0	0	4	0	Lightning
			Lightning struck and totally destroyed a barn. The building contained hay, a wagon and some lumber.						
Elwood Madison County	15	3:20 P			0	6	4	0	Winds
			Five migrant workers were injured when high winds estimated at 75 mph blew over their trailer at Hobbs, west of Elwood. High winds also blew the roofs from some mobile homes just east of Elwood. One woman in Elwood suffered injuries when a tree fell on her car.						
Jay, Delaware Counties	15	3:45 - 4:30 P			0	0	4	0	Winds, lightning
			Strong winds estimated at 60 - 80 mph ripped through the area downing numerous trees and power lines, especially in the Muncie area. No major property damage was reported at Muncie. Portland in Jay County also had trees and power lines down. A roof of a drugstore was partially blown off. A factory also had roof damage when a large piece of equipment was toppled onto it by the strong winds. In Bennville felled trees landed on two cars. Some minor damage was done to houses by falling limbs and trees. A church steeple was struck by lightning. Several acres of corn were flattened by winds.						

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS				
INDIANA (continued)										KANSAS (continued)												
New Castle Henry County	15	4:15 P							Funnel cloud	Pottawatomie County	17	1-3 p			0	0	0	0	Hail, Rain			
Central Indiana	15	Afternoon				?	0	0	Winds										Heavy local rain and some large hail occurred as thunderstorms moved slowly south across the west portion of the county. Hail stones to 1-3/4 inches in diameter fell near Olsburg around 1:15 p.			
Deatur Adams County	15	4:41 P	?	?	0	0	0	0	Tornado	Morton County	26	6:30 p			0	0	0	0	Funnel			
									Tornado observed to touch down in open field 4 miles west and 1 mile north of Deatur.									A funnel cloud developed 1/2 mile north of Richfield for a few moments then lifted back into the clouds				
Northern Knox County	24	2:20 P			0	0	?	?	Winds, hail	<u>SPECIAL HAIL SUMMARY</u>												
									Winds reported up to 50 mph and hail "big as your thumb". No damage reported.	Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties: 1. Edwards, Kiowa, Pawnee, Pratt, Stafford. 2. Cheyenne, Rawlins, Sherman, Wallace. 15. Marshall 20. Haskell												
Kingsford Heights LaPorte County	28	5:53 P							Funnel cloud	KENTUCKY												
Knox Starke County	28	6:00 P							Funnel cloud	Union and Webster Counties	6	7 am CDT			0	0	0	4	Hail Storm			
Churubusco Whitley County	28	7:20 P							Funnel cloud										Hail destroyed or damaged acres of tobacco and corn.			
8 NW Evansville Vanderburgh	28	9:45 P							Funnel cloud	Central and Eastern Kentucky	6	Afternoon			0	0	4	6	Hail and Lightning			
																			Hail and considerable lightning activity took their toll on livestock and crops. Some of the more notable storms occurred in the counties of Green, Logan, Casey, Anderson, Pulaski, Fayette, Boyle, Carter, Montgomery and Scott.			
IOWA SW half Emmet County	6	6:00 p			0	0	3	4	Severe thunderstorm (Hail)	Clinton County	12	2 pm			0	0	4	4	Lightning			
									Storm produced marble to golf ball size hail.										Lightning struck a barn and destroyed several thousand bales of hay, 16 head of cattle, machinery, and over tools.			
Johnson, Cedar, Scott and Muscatine Counties	14	5:00 p -7:00 p			0	0	5	0	Severe thunderstorm (Wind, hail, lightning)	Christian County	14	8 pm			0	0	4	0	Windstorm			
									Storm produced winds measured to 70 mph at Iowa City airport. Demolished 3 aircraft. Several large farm buildings demolished throughout the counties. Other damage to trees and power lines.										Several mobile homes were damaged by wind storm.			
Wapello, Jefferson, Keokuk, Washington, S Johnson, Muscatine & Louisa Counties	20	5:00 p			0	0	?	?	Severe thunderstorm (Wind)	Cumberland County	27	Afternoon			0	4	4	3	Lightning and Wind			
									Wind measured to 60 mph at Ottumwa airport. Unconfirmed funnel reported by public at Lone Tree in Johnson County at 6:35 p. and SE of West Liberty in Muscatine County at 6:50 p.										Four persons were injured by lightning at the Burkesville stockyards. Wind caused damage in various parts of the county.			
Mills County	21	2:45 p			0	0	?	?	Severe thunderstorm (Hail)	Montgomery County	27	5 pm EDT			0	0	4	0	Thunderstorm			
									1 3/4" hail fell in the Glenwood area.										One mobile home was completely destroyed and several other mobile homes and buildings were damaged.			
Polk County	21	4:44 p -5:10 p	12		0	0	0	0	Funnel cloud	LOUISIANA												
									First observed just SE of Des Moines moving NE. Last observed along east central side of county near Polk-Jasper County line.	Cameron Parish	5	12:40 p								Waterspout		
Polk County	28	1:23 a	1	100	0	0	4	0	Tornado										Large, well-formed waterspout sighted by a ship about ten miles south of Cameron.			
									Touched down briefly on east edge of Runnells, destroyed farm buildings and severely damaged a house 1/4 mile east of Runnells then dissipated.	Orleans Parish	11	7:50 p			0	0	2	0	0	Waterspout		
KANSAS Rawlins, Cheyenne,	3	10 p			0	0	5	5	Hail, Wind										Waterspout on Lake Pontchartrain hit breakwater and caused minor boat damage at public launch area on north side of New Orleans.			
									Severe thunderstorms produced hail as large as 2 inches in diameter primarily along a narrow band from Ludell to Atwood to near Bird City and Idalia. Extensive crop damage resulted to 1000 acres of wheat, 500 acres of corn, and some alfalfa fields. Considerable window breakage and roof damage occurred to many businesses and homes. The most intense storm produced extensive damage to one mobile home and one modular home 5 miles south of Atwood.	Evangeline Parish	17	11 AM			0	0	4	0	0	0	0	Lightning
Osage and Shawnee Counties	15	2-3p			0	0	3	0	Wind, Funnel										Lightning struck TV antenna on Jasper Fontenot home in Ville Platte, causing an explosion and fire in the utility room which heavily damaged the building and contents.			
									Thunderstorms moving slowly southeast across southern Shawnee and northern Osage Counties were accompanied by heavy rain, small hail, and gusty winds. A funnel cloud was observed 1 mile west-northwest of Overbrook about 2:30 pm.	Acadia Parish	21	2:30 p	0.2	25	0	0	4	0	0	0	0	Small Tornado
Johnson County	15	2-4 p			2	0	5	0	Rain										A small tornado smashed a house trailer and barn on the Ira Gacille's property southwest of Eunice.			
									Thunderstorms moving slowly southeast caused locally heavy rain with Overland Park reporting 4.02 inches in less than 2 hours. Automobiles, homes, and businesses were flooded by the rapid runoff. A 12 year old girl playing in a drainage ditch was drowned along with her older brother who was searching for her.	Lafourche Parish	21	?			1	0	0	0	0	0	0	Lightning
										Iberia Parish	22	Afternoon			0	0	4	0	0	Lightning		
																			Eugene J. Serigny, 29, of Golden Meadow was found in a boat in the canal between Golden Meadow and Leesville. An autopsy revealed that death was caused by lightning.			
										East Baton Rouge Parish	24	4:15 p			0	0	4	0	0	Lightning		
																			Lightning started a fire which damaged the home of Raymond Guillotte in New Iberia.			
																			Lightning hit and damaged Our Lady of Mercy Church in Baton Rouge during afternoon mass, forcing some 600 parishioners from the building when flames broke out in the ceiling.			

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					KILLED	INJURED	PROPERTY	CROPS	
LOUISIANA (continued)									
Flaqueumines Parish	30	7 AM			0	0	0	0	Waterspout
			Coast Guard reported waterspout moving northeast between Southwest Pass and Barataria Bay.						
St. Bernard Parish	31	7:04 A			0	2	5	0	Severe Thunderstorm
			Strong winds or possibly a waterspout moving along Bayou Bienvenue wrecked a pier and sank several boats at the Gulf Outlet Marina near Chalmette. The injured were unable to see anything because of heavy rain.						
MAINE									
Washington County	5	Aftn			1				Thunderstorm
			Man struck by lightning and killed while beaching a boat at Meddybemps Lake about 30 miles northwest of Eastport.						
Statewide	12	Daylong					4	4	Heavy Rain, Thunderstorms
			Heavy rain and thunderstorms occurred throughout the state. Heaviest in central portions, 2 - 4" of rain generally with 5.06" at West Enfield. Urban and flash flooding with many washouts. Lightning strikes caused minor damages and power outages. Crop damage due to flooding and erosion.						
Central	24	Evening					3	3	Thunderstorms
			Rash of thunderstorms with heavy showers of 1 - 3", some wind damage. Heaviest activity reported in Central Maine.						
			NOTE: July very wet month with numerous thunderstorms contributing to 10 - 12" of rain over central portions of the state.						
MARYLAND & D.C.									
Manchester, Carroll County	7	nr 3:00 p			0	0	2	0	Lightning
			Church steeple struck and part of roof area ignited. Fire was quickly extinguished and only minor damage occurred, mainly from water.						
Wicomico County	9	2:30 p			0	0	0	4	Hail, Rain
			Hail piled up to a depth of 8 1/2 inches near Willards, resulting in the stripping of corn and soybean crops. Heavy damage to crops was likely over portions of the county.						
Prince Georges and Montgomery Counties	10	Night			0	6	5	0	Lightning
			Home in the Tantallen subdivision in southeast Prince Georges County damaged to the extent of \$10,000 by lightning-caused fire around 8:30 PM. At 10:30 PM lightning set fire to a tobacco barn near Beale, totally destroying it. Fireman stumped but uninjured when another lightning bolt struck 40 feet in front of him. Loss to barn estimated at \$14,000. At about 11:00 PM a unoccupied home in Bethesda, valued at \$200,000, was severely damaged by fire after lightning struck overhead wires leading to the house. Six fire-fighters received mostly minor injuries while on the scene.						
Frederick County	11	7:30 a			0	0	3	0	Lightning
			Transformer at Petersville struck, causing spectacular display as flames shot 150 feet into the air. Nearby localities without power for 4 to 5 hours. A Holstein standing under tree was killed by lightning strike near Jefferson.						
McHenry, 5 south, Garrett County	11	8:58 a			0	0	2	0	Thunderstorm
			Turbulence associated with storm caused the forced landing of small aircraft. Only minor damage done as plane flipped over as landing gear hit grass.						
Cecil County	11	Early mornng			0	0	4	0	Lightning
			6-year old harness horse struck and killed by lightning on farm near North East. "Feliciana" had earned owners over \$14,000 in racing events this year.						
Crisfield, Somerset County		Early mornng			0	0	3	0	Wind, Rain
			A number of trees badly damaged. At least three residences had property damage from wind, or a combination of wind-blown tree limbs and rain.						
Statewide and District of Columbia	11				0	1	5		Wind, Lightning, Rain
			Pre-cold frontal storm caused extensive damage from combination of wind and lightning-caused fires. Wind gusts said to reach between 60 and 80 mph in the Washington, D.C. and Baltimore areas. Storm began around 4 PM over western Maryland and moved into the Baltimore-Washington vicinity around 6 PM. Some 10,000 customers of power company affected by outages. In the Hagerstown area: the local airport closed down due to lack of runway lights; a portion of local pageant set virtually destroyed; large tent blown down and one person slightly injured. Considerable damage reported in Allegany County where many trees and power lines were downed and a rash of fires reported. Fiberglass sailboat moored at dock on Deep Creek Lake struck by lightning, with resulting fire destroying it. Some crop damage and many large trees snapped "like matchsticks" near Frederick. Lightning-caused fire destroyed barn near Williamsport, along with 1,200 bales of hay and various farm equipment.						

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	
MARYLAND & D.C. (continued)									
Montgomery and Prince Georges Counties; & District of Columbia	15	3:30-4:15 p			1	0	5	0	Wind, Lightning, Hail
			A severe thunderstorm, moving south from Pennsylvania, accompanied by unusually severe lightning and wind gusts reported as high as 76 mph at the Weather Office at Washington National Airport. A 68-year-old woman was fatally injured in NW Washington, D.C. when her car was crushed by a tree felled by lightning. The tree also brought power lines down on car, causing a fire. Many streets in the area blocked by fallen trees. In a 3/4 mile corridor extending from North Bethesda into the District of Columbia, hundreds of trees were downed. At its peak, utility company officials estimated service interrupted for more than 55,000 of its customers. In Oxen Hill, an apartment complex received damage estimated at \$14,000, mainly from strong winds. Lightning was reported as the cause of some house fires; it also forced several television and radio stations off the air - one for many hours extending into the next day. Total damage was estimated to likely exceed \$150,000. Of this, about \$15,000 was from lightning.						
Talbot and Queen Annes Counties	24	abt 4:00p			0	0	4	0	Lightning
			Lightning struck garage, destroying it and the automobile inside, in Suddlersville. One half hour later a two-story from house, six miles west of Suddlersville, was struck. Damage was confined to the attic and walls. Near Easton, lightning exploded a large tree and sent bits of it into neighboring houses, with apparently no damage inflicted.						
Anne Arundel, Harford & Charles Counties	29	Night			0	0	0	0	Wind, Rain, Hail Lightning
			Many trees downed, causing power lines to snap. Some 3,000 customers without electricity and one automobile crushed by tree in the Annapolis area. Lightning also caused extensive outages in Charles County. Over an inch of rain, added to already water-soaked ground, resulted in some street flooding in the Bel Air area. Sections of northwest Harford County reported corn damaged by hail.						
MASSACHUSETTS									
Ashburnham Athol Conway Easthampton Orange Petersham Phillipston Southhampton South Deerfield Sunderland Templeton Winchendon	1	Early Morning			0	0	4	3	Lightning, wind
			Heavy thunderstorms caused fires in homes and downed electrical lines. Lightning struck many trees. Barns were demolished, cornfields flattened and large trees were blown down.						
Hancock New Bedford North Adams Waltham Williamson Worcester	1	Morning			0	0	5	0	Heavy rain
			Thunderstorms dumped 2 to 4 inches of rain causing much flooding of cellars. Several highway bridges battered by fast running waters were rendered unsafe.						
Brookline	4	Afternoon			0	0	4	0	Lightning
			Lightning struck the St. Aidan Church steeple.						
Haverhill	12	12 AM			0	0	4	0	Lightning, heavy rain flooding
			Nearly 2 inches of rain drenched the town causing washouts and home flooding. Lightning struck the apex of a power station and a house which subsequently caught on fire.						
Hyannis	12	Early Morning			0	1	0	0	Lightning
			A young girl was struck in the shoulder and received first degree burns.						
Andover - Milton Ashland - New Bedford Framingham Franklin - Newburyport Hopkinton Ipswich Lawrence Onset	12	Early Morning			0	0	4	0	Lightning
			Several homes and power lines were struck by lightning. The Polish National Catholic Church was struck and partially burned.						
	12	Morning			0	0	3	0	Lightning
			Many trees were uprooted and fell onto automobiles.						
Provincetown	17	9 AM			0	1	0	0	Lightning
			Lightning struck a top apartment of a building and "blew a young girl out of her bed."						
Beverly Boston Lynn Peabody	30	Morning			0	0	5	0	Heavy rain
			Torrential rains caused extensive flooding. A large industrial building roof collapsed under weight of water.						

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	
MICHIGAN Arenac Co.	1-2				0	0	6	C	Excessive rain Three days of steady heavy rain damaged bean, cucumber and potato crops. Damage was estimated at over 2 million dollars.
Bangor, Van Buren Co.	5	evening			0	0	4		Lightning Hit a tree and jumped to an electrical service line of a home. The lightning burned out the home's electrical system and set fire to the utility room.
An area east of Gladwin, Flint & Detroit	7	afternoon			0	0	4	C	Thunderstorms Heavy thunderstorm skipped through the area causing spotty tree and power line damage and also some flooding. A 30-foot strip of roadway was washed away northeast of Caro and crops were flooded near Standish in Arenac County. 2 inches of rain was reported in some areas. Lightning and tornadoes listed below are part of this storm.
75 Mt. Clemens, Macomb Co.	7	3.35pEST	30	0	1	4			Tornado-water-spout First touched down at a marina near St. Clair Shores, ripping off metal sections from a boat storage building and hurling them at 4 boats docked along the shore. The metal sections dora up dock electrical lines and smashed windshields and tore canvas tops on some of the boats. The tornado then moved northeast out over Lake St. Clair as a water spout before dissipating. 3 or 4 people at the marina and nearby coast guard station saw the tornado. A woman was injured on one of the boats when she lost her balance and fell.
2E Flint, Genesee Co.	7	2pEST							Funnel cloud Reported by the public
10SW Cass City, Tuscola Co.	7	5.40pEST			0	0	4		Lightning Single story home struck by lightning and set afire. Home and contents completely destroyed.
Port Huron, St. Clair Co.	7	afternoon			0	1	0		Lightning Struck a 5 year old girl standing next to an automobile leaving a black burn mark on her arm. She was wearing rubber flip flops.
An area north and east of Petoskey and Harrisville	9-10	evening & early morning			0	0	4		Thunderstorms Gusty winds knocked down trees and power lines from Mackinaw City southeastward to Alpena. Cheboygan and Alpena were hardest hit. A tree was blown over on a moving car in Alpena and a fishing shanty was blown 20 feet and smashed apart in Cheboygan. Docks at Duncan Bay were also damaged. Intense lightning knocked out power in many areas and set fire to a power substation in Alpena. The Alpena City Hall suffered burned out wiring and the Presque Isle sheriff's office lost all its radio equipment. Waterspout listed below is part of this storm.
NNE Mackinaw City over the Straits of Mackinaw	9	8.50pEST			0	0			Waterspout Seen by many citizens of Mackinaw City coming down from the cloud hitting the water and retreating back into the cloud again. It was moving southeastward.
An area east of Houghton Lake, Bay City, Lapeer and New Haven	14	5-8pEST			0	0	4		Thunderstorms Scattered heavy thunderstorms moved through the area causing power outages and some wind damage. 2500 customers were without power in St. Clair County due to lightning strikes on high voltage lines and a sub-station. A house trailer was blown 20 feet off its foundation and 5 outbuilding and an apple tree were flattened or blown over near Mayville in Tuscola County. Baseball-size hail and wind damage was also reported at Lupton in Ogemaw County.
55SW South Boardman to 4W Sharon, Kalkaska Co.	23	7.40pEST	5	80	0	5	4		Tornado Touched down in a sparsely populated rural forested area south of Ingersoll Road. It moved east northeast-ward tearing up trees and utility poles along Ingersoll and Puffer Roads. 2 people in the trailers were injured and 3 in the camper. One trailer thrown across the road and the frame of the other settled in a wooded area 1/3 of a mile away. The tornado continued eastward blocking Michigan 66 with fallen trees before lifting west of Sharon.
6W Roscommon, Roscommon Co.	23	8.15pEST							Funnel Cloud Sighted over Higgins Lake by state police moving east-ward.

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MICHIGAN (continued)									
Van Buren & Kalamazoo Cos.	26	8-10pEST			0	0	5		Thunderstorms High winds blew trees and lines down in scattered areas of both counties. A house trailer was blown over in South Haven. Lightning knocked out line fuses and burned out transformers throughout the area shutting off service to 1000 homes and businesses. Lightning also knocked a tree on a car in South Haven and damaged a home in Portage. The heaviest damage was centered on a South Haven-Breedsville, Portage line.
An area 30 miles either side of a Grand Rapids, Lansing, Grosse Pointe Woods line	28-29	8p-1aEST			0	0	6		Thunderstorms & flashfloods. A series of thunderstorms dumped between 2 and 4 1/2 inches of rain in 1 to 3 hours on an area from East Lansing to Algonac. Many residential streets had water, car-window deep. All four major Detroit freeways were badly flooded and closed. Two freeways had water over the roofs of cars and heavy erosion to earthen banks and pavement. Over 30,000 Detroit area homes had flooded basements with many residents reporting sewage contamination. Over 8,000 cars had damage to interiors and 10,000 customers were without power due to flooded underground lines and lightning strikes. Two Detroit hospitals suffered heavy flooding and one business building suffered a roof collapse due to large amounts of water left standing on the roof. St. Clair Shores, Harper Woods, Roseville, Dearborn Heights, Warren, Westland, Oak Park, Troy and Farmington Hills hardest hit. Lightning, tornadoes, and funnel clouds listed below are part of this storm.
2 1/2 NNE Grand Rapids, Kent Co.	28	5.pEST	2	40	0	1	5		Tornado Touched down in a residential section of northeast Grand Rapids, ripping up trees but doing little damage to homes. It proceeded northeastward to a major business thoroughfare badly damaging a warehouse full of tires and flipping a semi-trailer rig over on its side. It continued on carrying some tires aloft and slightly damaged a fire station, a shed and a home before lifting. Several employees of the tire warehouse saw the tornado.
2W Potterville, Eaton Co.	28	3.55pEST							Funnel cloud Reported by the public to have moved eastward and dissipated without touching down.
Southfield, Oakland Co.	28	late evening			0	0	4		Lightning Lightning struck a tree causing it to fall on a home. Lightning also set the attic of another home on fire causing extensive damage.
Menominee, Menominee Co.	30	afternoon			0	0	4		Thunderstorms Strong winds blew down trees, branches and powerlines all over town. A small plane was badly damaged when winds ripped it loose from its moorings and flipped it over. Many streets were flooded curb deep and some basements flooded. 1.6 inches of rain fell in the general area.
MINNESOTA									
Fosston 10NE Polk County	9	12:15AM	?	?	0	0	0	4	Hail Considerable damage to crops and gardens in area northeast of Fosston. 40-50% damage on farms in Eden Township.
Red Lake Falls 3SE Red Lake County	15	8:00PM	?	?	0	0	4	5	Hail, Wind Heavy crop losses. Much grain flattened by wind. Barn destroyed.
West Central and Southeast Kittson County	19	1-2PM	25	20	0	0	5	7	Wind, Hail, Heavy Rain Severe damage to crops. Hallock and the Helms-Karlsted areas hardest hit. 3/4 inch hail reported. 70-100 mph wind caused damage to buildings and trees.
Alida Clearwater County	19	6:00PM	?	?	0	0	0	4	Hail 3/4 inch hail severely damaged crops.
Bena Area Cass County	22	5:10PM	6	50	0	1	4	3	Tornado 121 Numerous cabins damaged. One injury. Many power lines down. 3/4 to 1 1/2 inch hail reported.
Fergus Falls Area Ortetail County	22	8:00PM	?	?	0	0	4	0	Wind Minor building damage. 40 trees uprooted.

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					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA (continued)									
Villard Pope County	22	8:00PM	?	?	0	0	4	0	Wind
			Trailer home destroyed, cabins and numerous trees damaged.						
Rolling Forks Township Pope County	22	9:30PM	1 1/2	*3	0	0	0	4	Hail
			Corn and soybeans severely damaged by marble sized hail. Telephone and power lines down. 3 inches of rain reported.						
Ball Club Area Itasca County	22	6:30PM	?	?	0	0	5	0	Wind, Hail
			Extensive damage to cabins, autos, campers, trailers, and resorts. Considerable virgin timber loss. 1 1/4 inch hail reported.						
Fergus Falls 14NE Ottertail County	25	8:00PM	?	?	0	0	5	0	Wind
			Numerous trees and farm buildings damaged or destroyed.						
Wheaton 5NE Traverse County	25	6:00PM			0	0	4	0	Lightning
			Fire from lightning strike completely destroyed barn.						
Fosston Area Polk County	25	2:30PM	?	?	0	0	4	0	Wind
			Barn destroyed. Numerous trees downed.						
Long Prairie SE Todd County	29	6:00PM	?	?	0	0	0	4	Hail
			3/4 inch hail caused extensive crop damage.						
Grove City 6S Meeker County	29	7:00PM	5	?	0	0	0	5	Hail
			Heavy damage to crops east of Arndahl and through Hope Lake area. 20 farms affected.						
Elmdale Area Morrison County	29	7:00PM	3	*8	0	0	0	4	Hail
			One inch hail caused extensive crop damage. Minor damage to buildings.						
Willmar 8N Kandiyohi County	29	7:30PM	?	?	0	0	0	5	Hail
			Heavy crop damage from 1/2 inch hail in the Florida Lake and Norway Lake areas.						
Brooton Area Stearns County	29	7:45PM	?	?	0	0	4	0	Wind
			Barn and shed destroyed.						
Hutchinson McLeod County	29	9:30PM			0	0	4	0	Lightning
			Fire from lightning strike caused considerable damage to house.						
MISSISSIPPI									
Gautier, Jackson County	2	7:25 PM			0	0	4	0	Lightning
			Lightning struck the TV antenna and caused a small fire inside a cabin at the Hercules Fishing Camp resulting in complete destruction. The thunderstorm also caused flooding in the Martin Bluff area.						
Cleveland, Bolivar County	4	?			0	0	?	?	Heavy Rain
			The National Weather Service observer measured 4.19 inches of rain that mostly fell in about a 12 hour period. The most severe flooding occurred in the usual drainage problem spots, but no permanent damage was reported.						
Bolivar County	4	?			0	0	?	5	Flooding
			Heavy rains over the Independence Day weekend plus waters that had lingered on low lying land all week caused about \$100,000 damage to 1,000 acres of drowned soybeans. 2,000 more acres were seriously affected. 200 acres of cotton planted on marginal land was also destroyed. The excess water also caused weeds to spring up quickly.						
Washington County	4	?			0	0	?	5	Flooding
			Heavy rains over the Independence Day Weekend plus waters that had lingered on low lying land all week caused about \$400,000 damage to 4,000 flooded acres of drowned soybeans. 20,000 acres will have a reduced yield. The excess water also caused weeds to spring up quickly.						
Yazoo City, Yazoo County	4-5	?			0	0	?	?	Heavy Rain
			3.61" recorded during the 24 hours ending 6AM on the 5th.						
MISSISSIPPI (continued)									
Booneville, Prentiss County	13	Afternoon			0	0	4	0	Lightning
			A fire caused by lightning was contained to the attic of a house, but some smoke and water damage was suffered inside.						
Hattiesburg, Forrest County	13	5:15 PM			0	0	4	?	Wind/Lightning
			An intensive thunderstorm scattered tree limbs, knocked out electric and telephone service, and blew out several windows of businesses. One large tree landed on a parked car.						
Corinth, Alcorn County	16	?			0	0	4	?	Lightning
			A fire started by lightning heavily damaged one residence. (The Corinth F. D. made 11 runs the 13-16th to houses hit by lightning during the 4 days of thunderstorms).						
NE Jackson, Hinds County	14	4:45 PM			0	0	?	?	Heavy Rain
			From 3-4:45 PM 3.18" of rain fell.						
Summit, Pike County	21	1:30 PM			0	0	4	0	Wind
			A downdraft from a severe thunderstorm destroyed a portable classroom trailer, blew off 1/3 to 1/2 the roof on the vocational building—the remaining portion was raised up, and 1/3 of the roof on the auto mechanics building was destroyed. Damage \$20,000 - 30,000.						
Self Creek Comm., Oktibbeha County	21	4:30 PM			0	0	4	0	Wind
			Winds associated with a thunderstorm demolished an unoccupied mobile home by lifting it off its foundation and blowing it over a fence for a distance of about 50 feet.						
NE Pike County	24	2:30 PM			0	1	4	?	Wind
			Thunderstorm winds injured one person when one of his little fingers was cut off at the first joint as he tried to close a door in his house. At another home the roof was damaged and an awning and front porch destroyed. The Penthouse Club and a pickup truck were damaged when a tree was blown down on them. Most damage was to trees and power lines on Highway 570 in the NE portion of the County.						
Grace, Issaquena County	26	Afternoon			0	0	3	?	Wind
			Damaging winds whipping in different directions and accompanied by heavy rain blew over bottom trailers, etc., and sheds plus blowing down local crops in a few areas.						
Oxford, Lafayette County	27	5-9 PM			0	0	4	0	Lightning
			6 homes were struck by lightning during the 4 hour time. One house was struck twice - 5:30 & 8:50 PM. Most damage was confined to fuse boxes, but one residence sustained \$1,500 damage. Total damage \$4,000 plus \$1,000 to livestock.						
MISSOURI									
Southwest Missouri	3	12a-9a			0	0	7	C	Flash Flood
			Heavy rainfall amounts of up to 10 inches in southwest Missouri caused millions of dollars damage. Primary flood damage occurred in Barry, Jasper, Newton, Lawrence, and Barton counties. Rainfall measurements include the following: Joplin 9.48; Pierce City 8.00; Neosho 9.50; Seneca 6.40 and Lamar 9.10.						
Southeast Missouri	3	12a-12p			0	0	7	C	Flash Flood
			Four to eight and one-half inches of rainfall deluged portions of Gape Girardeau, Reynolds, Shannon, Hemisdot, Perry, Bollinger and Wayne counties. There was considerable damage to property, roads and crops throughout the area.						
Kansas City, Southern Jackson- Johnson County	15	3:30-5:30p			0	1	6	C	Flash Flood
			Some residents were forced to flee their homes and a 16-year-old boy almost drowned as a two-hour, four-inch downpour pounded the Kansas City area. Lightning forced 3,000 customers to be without power. High water in the area washed out a bridge and washed several cars off the road.						

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					KILLED	INURED	PROPERTY	CROPS	
MISSOURI (continued)									
St. Louis, St. Louis County	15	8p	?	?	0	4	5	0	Sev. Thunderstorm
A cluster of severe thunderstorms moved through the area causing scattered damage to buildings and trees, knocking out electric service to many areas and injuring four persons when the roof of a building collapsed on them.									
Desoto, Jefferson County 85	27	1:30p	1/4	20	0	0	0	0	Tornado
A small tornado dipped down briefly 8 miles south-southeast of Desoto. This report came from the highway patrol. Trees were downed in the area and the storm was supported by weather radar.									
St. Charles & St. Louis Counties	28	6-7p	?	?	0	0	4	0	Sev. Thunderstorm
High winds knocked power out in several areas and some roads were blocked by fallen trees.									
Washington and Western St. Francois Counties	30	9-10p			0	0	4	4	Hail
A large thunderstorm developed golfball sized hail which pelted eastern Washington County and west St. Francois County causing "considerable damage" according to the highway patrol.									
St. Louis County	31	2-3a			0	0	0	0	Funnel Cloud
Numerous funnel clouds were reported in west and south St. Louis County.									
Bowling Green, Pike County	31	1:30a			0	0	?	?	Hail
Baseball sized hail was reported 3 miles north of Bowling Green.									
MONTANA									
Fort Peck	4	11:00 p.-11:45 p.			0	1	4		High wind
High winds damaged boat docks, boats, and small structures on the Fort Peck Reservoir. One man injured by flying glass.									
McCone County	5	1:00a.-2:00a.							High wind
High winds destroyed utility lines and severely damaged farm structures.									
Fairfield	7	6:30 p.-7:00 p.			1	0			Lightning
A rancher was killed when struck by lightning while riding a tractor.									
Rosebud, Prairie, Custer, and Wibaux Counties	9	6:30 p.-9:30 p.	0	0	0	0	5	6	Hail and heavy rain
Hailstones, some "golf to tennis ball size" observed. T.V. tower, utility lines, and poles destroyed in wide area. Considerable damage to wheat.									
Petroleum County	9	5:00 p.-7:00 p.			1	4	5		Hail
Considerable damage to grain crops. One man near Winnett slightly injured by large hailstones. Many "1-inch" stones observed.									
Winnett	9	5:00 p.-5:15 p.							Funnel cloud
Funnel cloud reported by the public near the Petrolia Reservoir Southeast of Winnett.									
Lolo National Forest (Slide Rock area)	20	Afternoon			0	1			Lightning
Forest Service employee injured when lightning struck a Forest Service lookout tower.									
NEBRASKA									
Logan County	3	5:15 PM	1/4	30	0	0	0	1	Tornado
Tornado touched down briefly 15 miles north-west of Arnold. No damage.									
Custer County	3	5:15 PM	1/4	10	0	0	0	1	Tornado
Tornado touched down briefly about 6 miles north of Arnold. No damage.									
Lincoln County	3	6:05 PM	1/4	20	0	0	0	1	Tornado
Tornado touched down briefly 9 miles north of Brady. No damage.									
Frontier County	3	8 PM	1/2	30	0	0	3	0	Tornado
Tornado touched down 3 miles east of Stockville. Some damage to power and telephone lines.									
NEBRASKA (continued)									
Chase, Hitchcock, Lincoln, Keith, Hayes, McPherson, Custer, Dundy, and Perkins Counties	3	6-9 PM			0	0	5	6	Hail
Large portions of southwest Nebraska suffered extensive damage from 1 to 3 inch size hail; with isolated 8 inch size hail. Damage to crops was total in some areas and numerous towns received much window and siding damage.									
Nemaha County	3	Evening			0	0	3	0	Damaging Winds
Several farms southwest of Talmage reported minor damage to buildings due to locally strong winds. Some tree damage also was recorded.									
Sioux and Scotts-bluff Counties	5	6-9 PM			0	0	3	5	Hail and Damaging Winds
Crops were damaged by large hail up to 2 inches in size. Four thousand acres of crops badly damaged, some totally. Windows were broken. Roofs damaged by large hail and accompanying strong winds.									
Thurston, Cuming, Northeast Colfax, Dakota, and Northern Burt Counties	6	4:45 to 7:00 PM			0	0	1	2	Hail
Scattered reports of 1 and 3/4 inch size hail at Howells and Emerson.									
Morrill County	9	4:05 PM	1/8	20	0	0	0	0	Tornado
A tornado touched down 2 miles south of Bayard causing a dust cloud. No damage.									
Cheyenne County	9	5:55 PM	1/8	20	0	0	0	0	Tornado
A tornado touched down 15 miles northwest of Sidney. No damage.									
Cedar County	15	2:30 PM			0	0	2	0	Lightning
Lightning hit market in Belden. Damaged light fixtures, meat counter and generator.									
Custer and Red Willow Counties	27	5:15 PM			0	0	2	3	Hail and Damaging Winds
Large hail and winds of 60 to 80 m.p.h. damaged crops at Arnold, Callaway and Indianola.									
Dawes County	28	7:55 PM	1/8	20	0	0	0	0	Tornado
Tornado touched down briefly 15 miles west of Chadron. No damage.									
Sioux County	28	7:58 PM	1/4	30	0	0	3	2	Tornado
Tornado touched down 14 miles northwest of Crawford. Damage to farm, house trailer and truck.									
Sheridan County	28	7:58 PM	1/8	10	0	0	0	0	Tornado
Tornado touched down briefly 4 miles northwest of Rushville. No damage.									
Dawes County	28	7-8 PM			0	0	0	0	Funnel Clouds
Five funnel clouds were reported in the Chadron area.									
Brown and Rock Counties	30	3 PM to 3:30 PM			0	0	0	3	Hail
One to 5 inch size hail south of Ainsworth caused crop damage.									
Morrill County	30	7 PM			0	0	3	0	Lightning
Lightning killed five cows 12 miles southeast of Bridgeport.									
Morrill County	30	7:45 PM	1/4	30	0	0	0	0	Tornado
Tornado touched down in open area 8 miles southeast of Bridgeport. Two funnel were also reported in the area.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

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	
NEVADA									
Lake Mead	24	7pm			1	0	3	0	Wind
									One drowning due to high winds on Lake. Minimal property damage.
Las Vegas	25	11pm			0	0	5	0	Wind; Heavy Rain
									Rain and wind damage to windows and materials for new Hughes Air-west terminal at McCarran International Airport. Wind gust to 70 mph. Rainfall at WSO Las Vegas .55 in 10 minutes & 1.10 on 37 minutes. Water was 2 ft. deep around WSO temporary trailer office. \$200,000 damage at McCarran Field.
Searchlight	29	9am			0	0	4	0	Heavy Rain
									3-4 feet of water on highway. Road closed 9 pm until 10 am next day.
Caliente	30-31	unk.			0	0	4	0	Road closed due to mud and debris.
Incline Village	31	1pm			0	0	4	0	Flash Flood
									1.3 inches of rain in 45 minutes. Six to eight inches of mud on highways. Damage confined to roads.
Reno	31	7pm			0	0	4	0	Flash Flood and Mud Slide
									Flash flood and mud slide in Hidden Valley, east of the Reno airport. Minimal Damage.
NEW HAMPSHIRE									
Statewide	10	Aftn-Eve			1	5	3		Thunderstorms
									A line of thunderstorms preceded a cold front moving across the state Sunday evening. Intensive lightning struck many buildings causing fires and extensive damage and widespread power outages. One man struck by lightning at Fitzwilliam received minor injuries. Golf ball sized hail reported at many places, cloud-bursts with 2 to 4 inches reported during the storm (4.1" at Claremont in 2 1/2 hours; 2.5-3" at Bristol in 4 hours). Rain caused minor flash flooding, washouts and flooded cellars. High winds, "near hurricane force", felled trees and power lines. Some crop damage from heavy rain and hail.
Central	27	Late Aftn & Evening					3	4	Thunderstorm
									Heavy thunderstorm, most intense area near Hanover, Canterbury and Salisbury, where high winds (tornado-like) felled trees. Heavy rain and hail washed out roads and flattened gardens. Lightning strikes knocked out power, caused minor damage.
NEW JERSEY									
(Hudson County)	7	11:55 to 12:05	4.5	50	0	0	5	0	Tornado
									The tornado first touched down near the Marine Ocean Terminal in Bayonne, then moved northward (parallel to the Hudson River) to Jersey City. It moved through a warehouse and loading area. Winds were at a sufficient force to pick up large trailers. The buildings that had damage done to them were made of unreinforced concrete blocks or corrugated steel. Damaged walls were on the lee (west and north) sides of the buildings. Roofing damage was due to the loss of support when exterior walls failed. FPP 1,2,1
NEW MEXICO									
CONGHAS LAKE, SAN MIGUEL COUNTY	3	3:15P			0	0	?	?	HAIL
									HEAVY THUNDERSTORM WITH RAIN AND HAILSTONES TO ONE INCH REPORTED BY STATE POLICE.
RATON, COLFAX COUNTY	4	11:30P			0	0	3	?	HAIL
									HAILSTORM DAMAGED MANY CARS WHICH WERE NOT UNDERCOVER.
CROSSROADS, LEA COUNTY	6	1:00A			0	0	3	?	WIND, RAIN, HAIL
									MORE THAN THREE INCHES OF RAIN REPORTED FROM THUNDERSTORM WITH HAIL AND STRONG WINDS. WINDMILL AND POWER LINES BLOWN DOWN AND RANGELAND VEGETATION STRIPPED.
LOS ALAMOS, LOS ALAMOS COUNTY	8	6:00P			1	0	0	0	LIGHTNING
									15-YEAR-OLD BOY STRUCK BY LIGHTNING NEAR HIS RESIDENCE. THE BOY DIED A WEEK LATER.
NEAR QUESTA, TADS COUNTY	14	AFTERNOON			0	0	?	4	RAIN, FLOODING
									HEAVY RAIN CAUSED ARROYO TO OVERFLOW THROUGH FISH HATCHERY AND SWEEP 15,000 TO 10,000 CATCHABLE-SIZED TROUT FROM PONDS INTO RIVER.
DEMING, LUNA COUNTY	19	AFTERNOON			0	0	4	?	HEAVY RAIN, WIND
									THUNDERSTORMS DROPPED AROUND TWO INCHES OF RAIN WHICH CAUSED SOME MINOR FLOODING. ASSOCIATED WINDS DESTROYED MOBILE HOME AND CAUSED OTHER STRUCTURAL DAMAGE.
NEAR HOLLOWMAN AFB, OTERO COUNTY	20	12:14P			0	0	?	?	FUNNEL CLOUD
									PILOT REPORTED FUNNEL CLOUD 30 MILES SOUTHEAST OF HOLLOWMAN AFB.
SANTA FE, SANTA FE COUNTY	21	EVENING			0	0	4	?	RAIN, FLASH FLOODING
									ONE AND ONE-HALF INCH RAIN FILLED ARROYOS TO OVERFLOWING, DAMAGED SOME HOMES, CAUSED WALLS TO COLLAPSE AND WASHED OUT SOME ROADS.
NEAR HAGERMAN, CHAVEZ COUNTY	23	EVENING			0	0	?	4	RAIN, HAIL, WIND
									HAILSTORM DEFOLIATED ABOUT 195 ACRES OF CHORLAND. ALSO WIND DAMAGE AND ONE AND ONE-HALF INCHES OF RAIN DURING HALF-HOUR STORM.
FARMINGTON, SAN JUAN COUNTY	26	EVENING			0	0	5	?	RAIN, FLOODING
									HIGHLY LOCALIZED RAINS CAUSED STREET AND SOME MINOR HOME FLOODING EXTENSIVE SILTING FROM RUNOFF WATERS CAUSED MOST OF DAMAGE. SOME IRRIGATION DITCH WASHOUTS CONTRIBUTED TO SEVERITY OF DAMAGE.
NEW YORK									
COASTAL									NONE REPORTED
NEW YORK CENTRAL									
POUGHKEEPSIE DUTCHESS COUNTY	7	5:50 PM							FUNNEL CLOUD
									A FUNNEL CLOUD SIGHTED FIVE MILES EAST OF POUGHKEEPSIE MOVED THROUGH THE JAMES BAIRD STATE PARK AREA.
AREAWIDE	11	5 PM TO 11 PM			2	2	6		SEVERE THUNDERSTORMS
									SEVERE THUNDERSTORMS MOVED THROUGH THE AREA CAUSING CONSIDERABLE LOCAL FLOODING, DOWNED TREES, BROKEN POWERLINES AND SOME STRUCTURAL DAMAGE. A MAN WAS KILLED BY LIGHTNING WHILE BOATING IN THE ALBANY AREA AND ANOTHER WAS DROWNED IN DOLGENVILLE WHEN A SMALL BUILDING HE OCCUPIED WAS WASHED AWAY IN FLOOD WATERS. TWO PEOPLE WERE INJURED IN CAMDEN WHEN A TREE FELL ON THEIR AUTOMOBILE. HINGHAMTON REPORTED WIND GUSTS TO 44 KNOTS AND THERE WAS AN UNOFFICIAL REPORT OF WINDS 45 TO 50 KNOTS ON LAKE GEORGE. BY 7 PM 3.71 INCHES OF RAIN HAD FALLEN AT LISLE (NORTH OF HINGHAMTON) AND FOUR FEET OF WATER WAS REPORTED IN THE STREETS OF CASTLE CREEK. AN UNOFFICIAL TOTAL OF 4 INCHES OF RAIN OCCURED IN THE VILLAGE OF HAGLE DURING THE EVENING. THREE MOBILE TRAILERS WERE DAMAGED IN THE TOWN OF MADON (NORTHERN BROOME COUNTY) DUE TO STRONG WINDS.
NEW YORK WESTERN									
Cattaraugus County	11	1:30AM			0	1	0	0	Lightning
									Man struck by lightning while walking from his car to his mobile home near Olean.
									11 Noon Lightning triggered a fire that destroyed a barn and adjacent dairy farm building near Great Valley. Damages were \$200,000.
Genesee County	11	4:45PM			2	1	0	0	Lightning
									Lightning killed two people and injured a third when it struck a tree under which the trio had taken shelter during a picnic near Batavia.
Niagara, Monroe, & Erie Counties	11	1-2AM & 4-6PM			0	0	4	0	Thunderstorms
									Thunderstorms caused minor flooding of streets and basements and caused numerous electrical blackouts. Hail one and a half inches in diameter was reported in North Tonawanda.
Cattaraugus County	14	Night			0	0	?	0	Lightning
									Five cows and a prize bull were killed by lightning while under a tree in a pasture. The tree was not damaged.
Erie County	29	11AM			0	1	4	0	Lightning
									One youth was injured by lightning while driving a tractor on a farm near Eden. One home had \$18,000 damage due to lightning.
Genesee, Erie and Chautauqua	29	All day			0	0	?	?	Flash Flooding
									Widespread mostly minor flooding of streets and low places with poor drainage.
NORTH CAROLINA									
Pitt County	1	7 PM					1		Lightning
									A Greenville man was injured when struck by lightning.
Robeson County	6	4 PM						4	Hail
									Hail damaged tobacco crops worth about \$25,000 north of Fairmont along Highway 41
Familico Sound	7	2 PM							Waterspout
									A waterspout was sighted about 6 miles west of Rodanthe
Dare County	9	12:30PM					4		Thunderstorm
									A severe thunderstorm with golf ball size hail and strong winds lasted about two hours in the Mags Head-Manteo area. Utility lines were down, some local flooding, an airplane damaged and other minor damages.
Wake County	9	3 PM					4		Thunderstorm
									A thunderstorm remained stationary over parts of northern Raleigh causing local flooding and damages to utility lines, cars, and buildings when there was flooding up to three feet.
Wayne County	9	3:15 PM						4	Hail
									Tobacco crop (\$10,000) destroyed by "bird egg-size" hail stones near Grantham.
Hartnett County	9	6:30 PM					4	3	Thunderstorm
									A thunderstorm with winds up to 100 miles per hour hit the Dunn area damaging utility lines, trees, cars, and some buildings. Damage over \$20,000.
Watauga County	12	2 PM						4	Hail
									A thunderstorm with hail damaged tobacco crops (\$15,000) in an area from Zilowville to Vilas.
Dare County	12	5:40 PM							Hail
									Golf ball size hail reported in the Avon area. No damage reported.
Dare County	12	6:30 PM					4		Thunderstorm
									A thunderstorm hit Rodnoke Island in the Manteo area with wind gusts estimated to 100 miles per hour. Several airplanes were damaged along with damage to utility lines, trees and some mobile homes.
Henderson County	15	early aftn					4		Thunderstorm
									Lightning in a thunderstorm caused fires to mobile homes and a church while winds damaged utility lines.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INURED	PROPERTY	CROPS		
NORTH CAROLINA (continued)										
Surry County	15	aftn						6		Hail
Hail and winds damaged about 2 million dollars of tobacco in the Dobson area.										
Yadkin County	15	aftn						5		Hail
Hail and wind damaged about \$100,000 to tobacco in the Shady Grove area near East Bend.										
Rockingham County	15	4 PM						4	6	Hail
Hail and wind damaged about 1/2 million dollars of tobacco and destroyed some trees and buildings in the area from Ellisboro to Gold Hill.										
Cleveland County	15	4 PM						1		Lightning
A Lewdale man was injured when lightning struck near him.										
Mecklenburg County	15	4 PM						5		Thunderstorm
Winds damaged trees and buildings while lightning began 20 fire. Damages \$200,000 in the Charlotte area.										
Union County	15	5 PM						4		Tornado
A tornado hit in Marshville damaging trees and buildings worth \$10,000.										
Guilford County	15	7:20 PM						5		Wind
Wind damaged 2 airplanes and 1 helicopter; an old hanger used for storage as gusts got to 85 knots. damage about \$70,000.										
Lenoir County	24	aftn						5		Hail
Hail damaged corn and tobacco crops in the area from Falling Creek to Sandy Bottom south of La Grange. Damages corn \$30,000 Tobacco \$60,000										
Wayne County	24	3:30 PM						4	4	Thunderstorm
Thunderstorms in the area from northern Goldsboro to Pikeville damaged tobacco crops (\$50,000) and utility lines, trees, buildings and caused some local street flooding in Goldsboro.										
Carteret County	25	6:10 PM						3		Tornado
A small tornado hit Salter Path damaging some trees and buildings.										
Columbus County	27	3:30 PM						4		Lightning
18 quarter horses in a metal shed were killed near Hillsboro when lightning hit the shed. The horses were worth about \$20,000.										
Craven County	28	aftn						6		Thunderstorm
Six airlines were injured, 2 seriously, when lightning hit near-by as they stood under the wing of an airplane. Wind damaged trees and buildings in the Havelock-Cherry Point area.										
Macon County	29	5 PM						4		Tornado
A tornado hit near Franklin between route 441 and NC highway 28. Damage to trees, utility lines and mobile homes.										
Martin County	30	4 PM						5		Thunderstorm
A thunderstorm with strong winds and hail damaged \$50,000 of tobacco between Hamilton and Oak City along NC highway 125.										
Wilkes County	30	aftn						4	4	Thunderstorm
Thunderstorms hit the North Wilkesboro area and southeast to east of Wilkesboro. There was damage to corn, cars, trees, some buildings at the speedway, houses, and mobile homes.										
NORTH DAKOTA										
10NE Hazelton	6	3:00 am			0	0	0	0		Funnel cloud.
Police reported funnel cloud moving northeast that dissipated within a few minutes without touching down.										
15SE Wishek	6	1:00 am			0	0	4	0		Lightning
Lightning destroyed a milk barn and an attached barn on Reinhold Meidinger farm. Fifty-nine calves were led to safety.										
10E Wishek	6	1:00 am	3	1 mile	0	0	2	4		Hailstorm
Hail up to golf ball size caused approximately 75 percent damage to small grain and stripped leaves off corn. At least 2 inches rain in 10 or 15 minutes on Jim Kranzler farm washed some fields. Forty to fifty mph winds reported. Main damage in a strip 1 mile wide and 3 miles long in an east-west direction. Property damage minor.										
Northeastern Mountrail County	8	7:00 pm	10.	2 miles	0	0	?	4		Hailstorm
Hailstorm began about 7 miles southwest of Coulee and cut a swath about 2 miles wide and 9 miles long in a eastsoutheasterly direction. Many crops severely damaged or destroyed. Several inches of ice covered ground in some areas.										
Five miles south of Beach	9	10:00 pm	1.0	100	0	0	4	3		Tornado
A vicious black churning cloud was seen approaching the Duane Hildebrand farm 5 miles south of Beach. Ripped boards, tin, and shingles from roofs of a barn and sheep shed. One 10 foot piece of tin was forced through an inch board coming out eight feet on the other side. The tin was neither bent nor crumpled.										

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					KILLED	INURED	PROPERTY	CROPS		
NORTH DAKOTA (continued)										
Golden Valley County	9	10:00 pm	20	2 miles	0	0	3	5		Windstorm & Hail
Strong wind and heavy hail entered the county south of Beach and travelled northeast across the central part of the county. Hail damage occurred in a strip about 2 miles wide for a distance about 20 miles in the county. Relatively minor wind damage occurred over a wider area. A large unmsed barn southwest of Sentinel Butte was destroyed, but according to County Agent it was no great surprise and no great loss.										
Northeastern Towner County, western Cavalier County	10	6:00 to 8:00 pm	36	8 miles	0	0	5	7		Wind and Hail
A storm beginning near Killarney, Manitoba crossed extreme north-eastern Towner County into Cavalier County near Sarles then south-east to the Alsen area in southwestern Cavalier County - a total length of approximately 60 miles with about 36 miles in North Dakota. Hail up to golf ball size reported. High winds damaged and destroyed many farm buildings. It is estimated that nearly 240 square miles in Cavalier County were affected. Crop acreage damaged may be as high as 75,000 to 100,000. Eighty-five Cavalier County farmers had losses ranging from 25 to 100 percent. Crop losses estimated more than \$5 million by Federal officials based on average crop. An above average crop was expected so loss estimates may be conservative according to the County Agent.										
Linton	12	Afternoon	?	?	0	0	2	0		Dust Devil
A whirlwind, under full sun and temperature in upper 90s, moved through Linton displaying uncommon force, enough to wreck a 16 x 66 ft. flat-topped horse shelter on the outskirts of the City owned by John Kelsch. The roof was lifted up and carried 30 or 40 feet northward, and three walls collapsed. Kelsch said his horse barn was quite sturdy.										
7NW Stanton	12	9:30 pm	?	?	0	2	4	0		Tornado
Demolished the trailer home of Dallas and Carol Sailer. Storm came from the west. The home was moved some 300 feet from its location at the top of a hill. The mobile home skirting was left in a pile, untouched, as was a snowmobile and other items along the trailer. Minor damage to trailers west of their home. Some trees damaged.										
4E Mott	12	8:00 pm	8	50	0	0	3	0		Tornado
Apparently touched down four miles east of Mott causing damage to buildings on several farms. Tops taken off trees. A wagon with a tank was moved 1/4 mile into a pasture. Hay bales were strewn about. Apparently struck first 4 miles east of Mott moving north-east then swinging east and southeast through several farms ending at a point about 12 miles east of Mott when it was moving northeast.										
25N Mott	12	8:45 pm	-	-	0	0	0	0		Funnel cloud
Funnel cloud reported by public, did no damage.										
Northgate.	12	9:00 pm	-	-	0	0	?	0		Windstorm
Very strong winds overturned 5 freight cars on a northbound Burlington Northern freight train.										
Shields	12	10:00 pm	-	-	0	0	0	0		Funnel cloud
No damage.										
1S Hazelton	13	12:45 am	?	?	0	0	0	0		Tornado
Tornado touched down one mile south of Hazelton apparently causing no damage.										
Hazen	19	6:00 pm	.5	50	0	0	5	3		Tornado and hail
Storm struck large trailer court along Highway 200 just west of Hazen then jumped south 300 yards into a grove of trees, passed over the City Garage and into another trailer court. Then it lifted, passed over town and disappeared. Twelve trailers destroyed or damaged, a garage damaged, pick up camper wrecked, etc. Hail accompanied the storm mostly in town but caused some crop damage on a farm near the city limits.										
Bowman and Adams Counties	19	8:00 pm	80		0	0	?	6		Windstorm, Hail
Heavy hail caused crop damage estimated more than \$1 million in a strip from northwest Bowman County eastsoutheast to southern Adams County. An estimated 10 to 15 percent of farms in Bowman County affected. In Adams County a strip about two miles wide and 15 to 18 miles long was damaged. Weather Modification Radar site south of Hettlinger had winds to 85 mph when they abandoned the site for a short time.										

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA (continued)									
NE Cavalier and NW Pembina Counties	19	Day	16	?	0	0	?	?	Heavy Rain & Hail
									Heavy to torrential rains occurred in the area washing out a few Township roads. Gene Benoit farm 1 1/2 miles southwest of Walhalla had storm total of 6 to 6.5 inches unofficially. Walhalla officially reported 3.56 inches. Hail with storm apparently small but golf ball size hail reported 10 miles north and east of Langdon at 8:30 am. Some one inch hail reported 6 miles southwest of Walhalla around 9 am and again around 2 pm.
10W Amidon	21	8:00 pm	-	-	0	0	0	0	Funnel cloud
Bowman	21	8:45 pm	-	-	0	0	?	0	High wind
									No damage reported.
15NW New Town	21	9:15 pm	?	?	0	0	0	0	Waterspout
									Waterspout observed on Lake Sakakawea. No damage reported.
Mapleton	22	4:40 pm	?	?	0	0	?	0	High wind
									No reports of damage.
Colfax to Abercrombie	22	5:00 pm	6	?	0	0	?	0	High wind
									No reports of damage.
15NE Stanley	25	1:00 am	-	-	0	0	0	0	Funnel cloud
Hettinger	27	4:00 pm	?	?	0	0	?	0	High wind
									No reports of damage.
OHIO									
Lorain, Medina, Lake, Cuyahoga, Stark, Wayne, Summit Counties	10	8-11 AM			0	10	7	0	Rain, Lightning, Winds, Funnels Aloft
									Thunderstorms moved off Lake Erie into Northeast Ohio with 1 to 3 inches of rain, winds up to 100 mph, severe lightning and numerous funnels aloft. Extensive urban drainage and basement flooding. Numerous lightning strikes with associated damage and fires. Wind damage to buildings and trees. Widespread power outages. Nine mobile homes were overturned and destroyed injuring 5 people near Madisonburg in Wayne County. Eighteen funnels aloft observed over 7 county area. None apparently touched ground. Wind damage about 70% of total, rain 20%, lightning 10%. Extensive damage to buildings at American Ship Building Company in Lorain.
Eastern Half	11	1:30 to 9:30 PM			1	2	0	7	Hail, Winds, Rain, Funnels Aloft
									Numerous Thunderstorms moved through the Eastern half of the State, causing wind damage to buildings, trees, and utility lines mainly in Northeast and East Central Ohio. One to 4 inches of rain fell causing widespread urban drainage and basement flooding. Numerous reports of 1" to 1 1/2" hail in Fairview and Aurora and 1-2 inch hail in Summit and Wayne counties. Two teenage boys were struck by lightning in separate occurrences. A man drowned off Port Clinton when thunderstorms capsize his boat. Over 40 funnel clouds were reported, the only touchdown was near Zanesville.
5 Miles WNW of Zanesville Airport	11	8:15 PM	1/2	150	0	0	5	0	Tornado
									Tornado struck Riverside Airport, damaging trees, 12 to 15 aircraft, T-Hangers and nearby houses. Damage was along a definite NW-SE path. No Deaths or Injuries occurred.
Southwest Suburbs of Cleveland	15	1-2 AM			0	0	4	0	Winds, Rain
									Thunderstorms moved off Lake Erie causing wind damage to trees, utility lines and buildings. Twenty-five to thirty plate glass windows were blown out at Southland Shopping Center in Middleburg Heights. Sixty percent wind damage, 40% water damage.
All but Southeast Ohio	15	6-10 PM			0	1	6	0	Winds, Hail, Lightning, Funnels Aloft
									Numerous thunderstorms moved through almost the entire State. Numerous funnels were spotted in Northwest and North Central Ohio. No touchdowns were confirmed. Winds to 65 mph damaged buildings, trees and utility lines. 3/4" hail fell near East Liberty, near Columbus. A woman was injured in Bellefontaine when lightning struck her house.
Sandusky Bay	16	11AM-1PM			1	0	3	0	Winds
									Thunderstorms with winds to 80 mph capsized 18 boats in Regatta off Sandusky. One man was drown.
Lima, Allen County	16	11AM-1PM			0	0	4	0	Winds
									Thunderstorms caused wind damage to trees, buildings and utility lines.
Licking County	16	11AM-2PM			1	0	3	0	Winds
									Thunderstorms moved through the county. Wind felled a tree on a car killing a man.
OHIO (continued)									
Erie, Huron, Sandusky, Seneca Counties	16	3-5PM			0	0	4	0	Winds, Funnels Aloft
									Thunderstorms moved through these counties inflicting wind damage to buildings, trees, and utility lines. Numerous funnels aloft in all counties. Panel dropped to tree top level in Bellevue in Huron County destroying top of community water tank.
Scioto and Jackson Counties	21	5:30-6:30 PM			0	0	4	0	Winds
									Thunderstorms moved through these counties causing wind damage to trees, buildings, and utility lines. One mobile home was destroyed and another damaged in Southeast Jackson County. Lightning strikes resulted in damage to buildings and fires.
Xenia, Greene County	23	7 PM			0	1	5	0	Winds
									Thunderstorm moved through Xenia with winds damaging 20 to 30 houses in the Arrowhead Section. One Man injured by broken window glass.
Six miles Southeast of Wooster, Wayne County	31	3:30 PM	Short Narrow		0	0	0	4	Tornado, Hail
									Mini Tornado touched down destroying one mobile home and auto and damaging other structures. Storm moved southeast. Hail damaged corn and onion crops and a mobile home roof.
Five miles North of Tiffin, Seneca County	31	3:30 PM	1/4	30	0	0	3	0	Funnel Cloud, Winds
									Sheriff reported funnel cloud about 20 feet above the ground ripped roof off barn, damaged tree and utility lines.
OKLAHOMA									
Pryor, Hayes County	2-3	-			0	0	4	0	Flash Flood
									Local 24-hour rainfall amounts of more than 4 inches caused flooding in the Pryor area. Approximately 15 homes were damaged by floodwaters.
Woodward area, Woodward County	2	4:20 p.			0	0	4	0	Hail
									Hail was one inch in diameter.
Near Pawnee, Pawnee County	2	4:45 p.	1	20	0	0	2	0	Tornado
									A small tornado touched down briefly in a pasture about 3 miles southwest of Pawnee. Movement was from southwest to northeast. The tornado was observed to be on the ground approximately 3 minutes. Tree damage was the only damage observed.
Near Cushing, Payne County	3	2:10 p.	1	33	0	0	2	0	Tornado
									A tornado touched down in open country about 8 miles north of Cushing. Movement was from northwest to southeast.
Cushing area, Payne County	3	3:15 p. - 5:15 p.			0	0	4	0	Lightning
									Three lightning-set fires occurred in the Cushing area. Utility wires were damaged in the first fire. A large crude oil storage tank was heavily damaged in the second. A small barn containing 400 bales of hay was destroyed in the third fire.
Near Claremore, Rogers County	3	3:30 p.			0	1	0	0	Lightning
									A man was injured north of Claremore when he was struck by lightning.
Near Verdigris, Rogers County	3	3:30 p.			0	0	0	0	Funnel Cloud
Hinton, Caddo County	3	6:40 p.			0	0	4	0	Hail
									Largest hailstones ranged from 1 to 1 1/2 inches in diameter.
Frederick area, Tillman County	25	4:00 p.			0	3	4	0	Wind
									Three persons were injured by flying glass when the picture window of a farm house blew inward during a heavy thunderstorm. The roof of a barn was blown off and bales of hay scattered about. A pickup was damaged. A feed and supply store in the same area sustained damages.
Near Altus, Jackson County	28	4:30 p.			0	0	0	5	Hail, rain
									Hail and very heavy rain severely damaged 120 acres of cotton in an area south of Altus.
Lawton area, Comanche County	28	5:25 p.			0	2	3	0	Lightning
									Two youths were treated and released at a hospital after being injured when lightning struck a fence which they were standing near. Lightning also caused damage to transformers and high voltage power lines.
Duncan, Stephens County	28	7:00 p.			0	0	4	0	Lightning
									Lightning-set fires caused light and moderate damage respectively to two Duncan homes.
Near Morris, Okmulgee County	28	9:35 p.			0	0	4	0	Lightning
									Lightning caused a tank fire and oil well explosion.

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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	
OREGON Wallowa County	31	4 PM			0	0	Unk		Flash flooding caused 7 mud slides and washed out roads.
PACIFIC Mariana Islands	14				0	0	?	?	Supertyphoon Therese
<p>After several days in formative stage in trough ENE of Ponape, tropical cyclone slowly intensified to tropical storm strength on 11th about 200 miles ENE of Hall Islands. WNW path during next 24 hours indicated very close passage to Guam - within a week short of 2 months since Supertyphoon Pamela devastated Island. However, gradually turning NW on night of 12th, Therese passed within 150 miles NE of Guam and within 35 miles NE of Saipan reaching Supertyphoon strength near Anasthan on 14th moving NW. After moving through Ryukyu Islands passing between Okinawa and Tokuno Shima, Therese turned N and recurred before striking Kyushu, Japan near Sasebo. On Saipan, estimated peak gust near 85 mph and major damage to temporary power barge and crops. Minor damage to facilities. Probable crop damage on Rota and Tinian. Okinawa reported 99 mph winds. No damage on Guam.</p>									
PENNSYLVANIA EASTERN Old Lycoming Town- ship, Lycoming County	6	7:45 PM EDT			0	0	3	0	Wind, Electrical
<p>High winds accompanying a thunderstorm uprooted many trees in the Bottle Run section. Roads were blocked and one truck was damaged by a falling tree. Lightning strikes interrupted service for nearly 400 customers.</p>									
Bedford, Fulton, Franklin, Blair, Huntington, Adams, York, Cumberland, Lancaster, Chester, Delaware and Phila- delphia Counties	11	5-7 AM and 4-6 PM EDT			0	0	6	3	Wind, Electrical, Heavy Rain
<p>High winds accompanying thunderstorms brought down trees and tree limbs, blew off portions of house and barn roofs, blew over sheds and a house trailer, demolishing them. The highest gust reported was 43 mph at Chambersburg. Heavy rain caused roadway and basement flooding and caused some basement walls to cave in. The rain and wind combined to flatten some crops and knock some fruit off trees. There were numerous lightning strikes on trees, houses, barns and other buildings causing damage and starting fires. Five barns were destroyed by these fires with equipment and 50 chickens lost. Lightning also struck and killed a total of 7 cattle and two dogs in 3 separate locations. The lightning and wind combined to cause power outages to thousands. There were also several automobile accidents caused by the weather conditions.</p>									
Tioga County	11	2-4 PM EDT			0	0	6	5	Heavy Rain, Wind
<p>Thunderstorms brought heavy rain to the northern part of the county washing out roadways and bridges and damaging crops and buildings. The rainfall totaled 3.13 inches. High winds accompanied the rain, downing trees and damaging buildings and crops.</p>									
Franklin County and Harrisburg area	15	3 PM to 11 PM EDT			0	0	5	0	Wind, Electrical, Hail
<p>Thunderstorms accompanied by strong winds and lightning downed trees, tree limbs and chimneys; damaged roofs and buildings; and started numerous fires. Plate glass windows were blown in. The highest gusts reported were 52 mph at Chambersburg. Marble size hail was reported at many places in Franklin County. Hundreds of customers were without power, and there were numerous storm related automobile accidents.</p>									

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	
<p>PENNSYLVANIA (continued)</p>									
<p>EASTERN</p>									
Centre, Huntingdon, Perry, Cumberland, Dauphin, Lebanon, Lancaster, Berks, Chester, Lycoming and Lackawana Counties	29	1 PM to 6 PM EDT			0	0	6	3	Heavy Rain, Wind, Electrical, Hail
<p>Thunderstorms moving southeast across the counties caused heavy rain resulting in considerable roadway stream and field flooding with many buildings flooded and basement walls collapsed. Many washouts occurred and much debris washed onto roads. Up to 4 inches of rain was recorded. Strong wind gusts downed many trees, tree limbs and utility lines. The winds damaged many buildings, taking off some roofs and leveling some large storage buildings. The wind and rain combined to cause some crop damage. There were many lightning strikes on trees, poles and buildings causing damage and some fires. Downed power lines killed four cattle and caused power outages to 20,000 or more customers. Some hail was reported in Lebanon County.</p>									
Ferguson Township, Centre County	29	1:30 PM 1/4 EDT	40		0	0	5	0	Tornado FFP 1-1
<p>A tornado touched down for about a quarter of a mile and damaged 12 homes with 2 homes heavily damaged on the upper portion. An equipment storage building and two airplanes were also destroyed on a nearby farm.</p>									
Just east of Jer- sey Shore to Penn- sdale, Lycoming County	29	2:45 PM EDT	20	150	0	0	6	3	Tornado FFP J32
<p>The tornado first touched down from just east of Jersey Shore to near Linden destroying a drive-in movie screen and causing other minor damage. It next touched down from Nisbet to Doboistown and to the Susquehanna River. In this section, 1 home was destroyed, 4 homes had major damage, 1 mobile home had major damage, 37 homes had minor damage, 2 small businesses were damaged, several barns and many small buildings were totally destroyed, and extensive damage was caused to crops, woodlands and utility lines. The major damage occurred along a three mile section of this portion of the track. The tornado also touched down just south of the Williamsport-Lycoming County Airport and 6 miles to the east near Pennsdale.</p>									
Rome, Bradford County	29	5:30 PM EDT			0	1	4	0	Tornado FFP 1-1
<p>The tornado touched down near Rome, destroying 1 mobile home damaging 4 others and destroying 4 sheds. A funnel cloud was seen to the west of this area just before the damage occurred. A woman sleeping in one of the mobile homes was injured slightly.</p>									
<p>PENNSYLVANIA WESTERN NO STORM DATA REPORT RECEIVED FOR THIS AREA</p>									
<p>PUERTO RICO NONE REPORTED</p>									
<p>RHODE ISLAND</p>									
Cumberland	1	1 AM			0	0	3	0	Lightning
<p>A bolt of lightning struck outside electrical wiring causing a small residential fire.</p>									
Tiverton	4	3 PM			0	0	4	0	Lightning
<p>Lightning struck 3 houses causing fires.</p>									
Barrington Cranston East Providence	12	2 AM			0	0	4	0	Lightning
<p>Lightning hit the Barrington Public Library scoring a hole "as clean as if a carpenter cut it out." A barn holding 6 tons of hay in Cranston erupted in a spectacular blaze after a lightning strike. Two 8" holes were blasted into a Providence home.</p>									
All locations North and Central Rhode Island	30	Morning			0	0	6	0	Heavy rain
<p>Extensive highway and urban flooding swamped thousands of cars and filled thousands of basements with water. In Cranston, water rose over the hoods of cars and in Providence water covered roofs of police cars. At Green Airport 2" of a total of 5" fell in twenty (20) minutes.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS							KILLED	INURED	PROPERTY	CROPS	
SOUTH CAROLINA										TENNESSEE (continued)									
Central S.C. Lexington and Richland Counties	4-5	P.M.	-	-	0	0	3	4	Flash Flooding	Chattanooga, Hamilton County	27	2:17 p.			2	5			Severe thunderstorm and heavy rain
Heavy rains accompanying late afternoon thunderstorms caused flash flooding along small streams and in urban areas with poor drainage.										A severe thunderstorm struck Chattanooga Lovell Field Airport causing damage to 15 airplanes, most of which were tied down. Other damage caused by this storm was within a 2- to 3-mile radius of the airport and was limited to some large trees being blown across roads and utility lines. Some local flooding occurred due to the very heavy rain. 2.99 inches was measured during a 49-minute period. Hail, some measuring 3/4 inch in diameter, and wind gusts to 55 mph also accompanied the storm.									
Southern S.C. Jasper, Beaufort, and Charleston Cos.	25	P.M.	-	-	0	0	3	4	Wind, Rain, Lightning	Charles W. Baker Airport, North Shelby County	29	5:30 p.			4				Severe thunderstorm
Area of heavy thundershowers moved across southern S.C. during the late afternoon. Scattered wind and utility damage accompanied these thunderstorms.										The wind gusted to 80 mph, heavily damaging one aircraft.									
Northwest S.C.	26-27	Night	-	-	0	0	4	3	Lightning, wind	Memphis, Shelby County	29	5:30 p.			3				Severe thunderstorm
Lightning struck several buildings causing considerable damage.										Three students at the mid-town campus of Shelby State Community College were cut by shreds of glass when strong winds exploded a large plate glass window at the school.									
Northwest S.C.	29	P.M.	-	-	0	0	4	2	Lightning, wind, rain	Bolivar, Hardeman County	29	5:45 p.			3				Wind storm
Scattered wind and rain damage accompanying heavy thunderstorms caused considerable minor damage.										Several buildings received roof damage.									
SOUTH DAKOTA										TEXAS NORTHERN									
Meade and Butte Counties	14	Night	22	4400				5	Hail	Mercer, Madison County	29	5:50 p.			3				Wind storm
Thunderstorms moving eastward across southern Butte and Meade Counties destroyed wheat, oats, and alfalfa just prior to harvest time. One series of thunderstorms in northern Meade County, covered a band averaging 2 1/2 miles wide and extended from just west of Bear Butte to near Hereford. Golf ball size hail was reported to have fallen.										There was roof damage to homes and trees blown over.									
Pennington County	14	Night					4		Hail	TEXAS NORTHERN Shelby County									
Hail fell in the Hill City, Keystone, and Mt. Rushmore areas of the Black Hills. Forty to fifty vehicles at the Mt. Rushmore and Hill City areas were damaged. Windows were broken and trees destroyed in Keystone.																			
Minnehaha County	15	2:50AM CDT							Funnel Clouds	1	5:00 a-7:00 a			0	0	?	?	Flash Flooding and Wind storm	
Several funnel clouds were reported in the southwest portion of Sioux Falls during early morning thunderstorms.										Rain totals of almost 5 inches produced minor flash flooding in Center. Outbuildings were damaged and trees were uprooted by thunderstorm winds in the Pulson Chapel Community in northern Shelby County.									
Kingsbury County	19	6:30PM CDT	3	10			5	0	Tornado	Paris area, Lamar County	1	8:00 a-1:00 p			0	0	4	0	2 Funnel Clouds, Hail, Wind, and Flash Flooding
A tornado which struck the airport at DeSmet, destroyed one airplane and caused extensive damage to a hangar. The same tornado destroyed some farm buildings 3 miles east of the airport.										Unofficial amounts of up to 6 inches of rain resulted in flooded homes and cars in and near Paris. Many streets and highways were closed by the flash flooding which was most serious along Butter-milk Creek in eastern Paris. Golfball hail was reported at scattered locales. Funnel clouds were spotted 8 miles east of Paris at 9:30 AM and near Hopewell at 10:12 AM. 50 mph winds accompanied the thunderstorms, toppling trees in Paris.									
Davison County	28	3:11AM CDT					6		Lightning	Garland, Dallas County	1	3:00 p			0	0	4	0	Lightning
During an early morning thunderstorm, lightning struck a grain elevator in Mitchell, SD destroying over 100,000 bushels of grain.										Lightning struck and burned a large barn to the ground. Minor damage resulted when lightning struck several residences in Garland.									
Lincoln County	28	10:30PM CDT							Funnel Cloud	Lavon, Collin County	3	5:13 p			0	0	0	0	Funnel Cloud
Several funnel clouds were reported northwest of Beresford and near Canton during thunderstorm activity.										The funnel aloft formed and dissipated rapidly.									
TENNESSEE										San Saba County									
Murfreesboro, Rutherford County	6	1:40 p.					3		Hail	4	Morning			0	0	5	?	Flash Flooding	
Most of the hail was 1/2 inch or less in diameter, but a few stones measured 1-3/4 inches. Some damage to home gardens.										Torrential overnight rains of almost 15 inches brought heavy flash flooding to the Colorado River and its tributaries. Heavy damage occurred to fishing camps and park grounds along the Colorado and Cherokee Creek. Although some 1500 holiday campers were isolated by the flooding, no injuries or deaths occurred.									
Shelbyville, Bedford County	6	3:20 p.					3		Hail	Coryell, Northern Bell, and McLennan Counties	4	Early Morning			0	0	?	?	Flash Flooding
The largest hailstones were 1-3/4 inches, but most of the hail that had fallen was 1/2 inch or less in size. Little crop damage.										Heavy rains resulted in scattered flash flooding in the three county area. Highways 317 and 56 were closed during the early morning hours.									
Springfield, Robertson County	9	P.M.					3		Lightning	North Texas	4	Evening							Thunderstorms and Tornadoes
15 head of cattle were killed during a violent electrical storm. Two trees in a fence row were struck under which the cattle were standing as protection from the heavy rain.										Strong thunderstorms developed along an east-west stationary front with a number of small and weak tornadoes being reported.									
Knoxville, Knox County	12	4:37 p.				2	4		High wind and lightning	Lake Tawakoni, Hunt County	4	6:30 p	?	?	0	0	0	0	Waterspout
Farm buildings and homes received roof damage. Another barn was struck by lightning and destroyed by fire. Wind at the Knoxville airport gusted to 79 mph.										The waterspout was observed from Cash and Quinlan, over Lake Tawakoni. Other funnels or tornadoes were reported in the area but unverified.									
Memphis, Shelby County	26	5:45 p.			1	1			Lightning										
Lightning struck two 6-year-old boys, killing one and injuring the other. They were waiting under a tree, and when the rain became harder, they made a break for the house. A lightning bolt bounced off a window air-conditioner striking the youths.																			
Nashville, Davidson County	27	2:00 p.			1				Flash flooding										
A 2-year-old youth drowned in a rain swollen creek near his home. The creek had risen rapidly following a hard downpour. Water was about three feet deep when normally the creek is a few inches deep.																			

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN									
Tarrant County	4	6:30 p-8:12 p	Short	Narrow	0	0	0	0	2 Tornadoes and 5 Funnel Clouds
A westward moving thunderstorm produced 2 weak tornadoes, both photographed by the Disaster Preparedness Meteorologist at Fort Worth. The first tornado occurred 5 miles west of the Dallas-Fort Worth Airport about 6:30 PM. The second tornado touched down near the Tarrant County Junior College in North Richland Hills at 6:40 PM. Both of the tornadoes were extremely weak. They developed on the northwest side of the heavy rainshaft and were characterized by a condensation funnel not reaching the ground and a light-colored dust cloud extending from the ground to the cloud base. Funnel clouds were observed north of downtown Fort Worth at 7:07 PM, near Hurst at 7:10 PM, over western Fort Worth at 7:45 PM, and over Benbrook at 7:55 PM, and 8:12 PM.									
Northern Dallas Suburbs, Dallas County	4	7:44 p-8:00 p	Short	Narrow	0	0	3	?	Tornado and Cloud
At 7:44 PM a funnel aloft was observed over Garland. A small westward moving tornado touched down in Richardson at 8:00 PM, throwing a number of light-weight camper tops about in a trailer sales lot. No other damage was reported from the brief tornado.									
Dallas, Dallas County	4	7:45 p-9:00 p			1	0	4	0	Flash Flooding
A small boy drowned when he slipped into a rain swollen creek near Parkway and Marcellas in Dallas. Shortly before 9 PM, flash flooding was reported in northern Dallas with at least one car totally submerged by water.									
Dallas, Dallas County	5	1:29 p			0	0	0	0	Funnel Cloud
The funnel aloft was reported south of downtown Dallas.									
NW of Lake Lavon, Collin County	5	2:12 p			0	0	0	0	Funnel Cloud
The funnel was reported by the public.									
4E of Eastland, Eastland County	9	12:15 p			0	0	0	0	Funnel Cloud
The funnel cloud was associated with a very heavy thunderstorm.									
Southern Dallas County	9	2:00 p-2:35 p			0	0	0	0	2 Funnel Clouds
Funnels aloft were spotted over South Dallas at 2 PM and near Lancaster at 2:35 PM.									
Dallas, Dallas County	16	12:05 p			0	0	0	0	2 Funnel Clouds
2 Funnels were reported over southwestern Dallas.									
Fort Worth, Tarrant County	16	1:05 p-1:15 p			0	0	0	0	3 Funnel Clouds
2 Funnels were observed over north Fort Worth, one by Carswell AFB personnel. Heavy thunderstorms produced a third funnel aloft over eastern Fort Worth.									
NE of Mineral Wells, Palo Pinto County	16	3:00 p			0	0	0	0	Funnel Cloud
Funnel was reported by the Department of Public Safety.									
Abilene, Taylor County	16	5:40 p			0	0	4	0	Windstorm
Several homes in south Abilene sustained considerable roof, patio, and carport damage from strong thunderstorm winds.									
SW Laneville, Rusk County	18	Afternoon	Short	Narrow	0	0	3	0	Tornado
A small tornado destroyed a barn in the McKnight Community, west of Laneville.									
Linden, Cass County	18	12:35 p-12:45 p			0	0	?	?	Hail and Wind
Texarkana, Bowie County	18	1:30 p-2:30 p			0	0	?	?	Hail and Flash Flooding
Marble hail and heavy rains struck Texarkana. The only damage reported was minimal and resulted from minor flash flooding.									
Overton, Rusk County	18	5:40 p			0	0	?	?	Hailstorm
1 inch diameter hail caused little or no damage at Overton.									
Justin and area, Denton County	18	8:00 p-8:15 p	3	*1/2	0	0	5	4	Wind and Hailstorm
A violent thunderstorm spawning estimated 90 mph winds and up to 3/5 inch diameter hail moved northward over Justin. Heavy roof, window, and wall damage occurred to homes and businesses within town. Roofs were completely lifted off of two houses. Total damage was estimated at almost a half million dollars.									
Concho County	25	3:11 p			0	0	0	0	Funnel Cloud
A deputy sheriff reported that the funnel did not touch down.									
Grand Prairie, Dallas County	25	2:00 p			0	0	5	0	Windstorm
Severe thunderstorm winds overturned a helicopter and a light plane at the Dallas Naval Air Station in Grand Prairie. The airplane was demolished. A base spokesman indicated 90 mph winds would be needed to blow the helicopter over. Debris from the helicopter was scattered for some 200 yards.									
TEXAS (continued)									
SOUTHERN									
15 SW GALVESTON Galveston County	2	1:25p	-	-	0	0	0	0	Funnel
Storm moved south to north across Galveston Island.									
ORANGE Orange County	5	10:18a	-	-	0	0	0	0	Funnel
Reported by public over an open field. Storm moved from Southwest Northeast.									
COASTAL BEND	6-10	-	-	-	0	0	0	8	Heavy rain
Rains fell throughout the Coastal Bend area for nearly a week with an official total of 7.05 inches. The heaviest amounts were in the Corpus Christi area. Heaviest damage was to grain crop which was ready for harvest when the rains began. Other damage was also reported to the cotton crop.									
GALVESTON BAY Galveston County	6	11:10a	-	-	0	0	0	0	Funnel
Sighted near Redfish Reef 16 NNW of Galveston moving to the north-west.									
TAPT San Patricio County	6	4:20p	-	-	0	0	0	0	2 funnels
CORPUS CHRISTI Nueces County	6	4:25p	-	-	0	0	0	0	Funnel
Observed in the Greenwood area.									
WEST BAY Galveston County	6	7:40p	?	?	0	0	0	0	Waterspout
Reported 15 mi. southwest of Galveston. No damage. Spout remained over water and moved from south to north.									
SW Port Arthur Jefferson County	7	5:55a	short	narrow	0	0	0	0	Tornado
Briefly touched down in a remote area near the Gulf Refinery. The storm moved from the south to the north.									
N. PADRE ISLAND Nueces County	8	11:35a	-	-	0	0	0	0	2 funnels
FLOUR BLUFF Nueces County	8	11:36a-12:45p	1	50	0	0	4	0	Waterspout-Tornado
Reported as a waterspout over northern Laguna Madre by pilot. Moved onshore and touched down briefly behind the fire station on Waldron Road. The tornado touched down again at several locations from the 900 through 1300 blocks of Graham Street. Numerous trees were damaged and several tin roofs were torn off of structures. Several persons reported hearing a loud roar at the time. Storm moved from south to north.									
Between DICKINSON Galveston County and MARVEL Brazoria County	8	1:40p-2:20p	-	-	0	0	0	0	3 funnels
Storm moved from east to west.									
FALFURRIAS Brooks County	8	2:00p	?	?	0	0	0	0	Tornado
Funnel touched down twice briefly and uprooted several trees east of Falfurrias.									
N of SAN LUIS PASS Brazoria County	8	2:30p	-	-	0	0	0	0	Funnel
Storm moved from southeast to northwest.									
LAGUNA SHORES Nueces County	8	5:30p	?	?	0	0	0	0	Tornado
Touched down briefly between Laguna Shores and Waldron Field Road.									
Near MATHIS San Patricio County	9	7:15a	-	-	0	0	0	0	Funnel
CORPUS CHRISTI BAY Nueces County	9	8:00a	-	-	0	0	0	0	Funnel
Sighted east of Cole Park.									
INGLESIDE San Patricio County	9	8:05a	?	?	0	0	0	0	Tornado
Funnel touched down briefly.									
PORTLAND San Patricio County	9	8:27a	?	?	0	0	4	0	Tornado
Some apartments were damaged near Northcliff Street.									
FLOUR BLUFF Nueces County	9	9:00a	-	-	0	0	0	0	Funnel
Sighted near Laguna Shores.									
ARANSAS COUNTY	10	1:00p-1:30p	-	-	0	0	0	0	Funnel
Funnel first sighted near Hwy 35 between Rockport and Aransas Pass. Moved northwest over Copano Bay toward bayside.									
N. E. KLEBERG COUNTY	10	3:00p	-	-	0	0	0	0	2 funnels
Moved westward across Padre Island about 2-1/2 miles south of Bob Hall Pier.									
FLOUR BLUFF Nueces County	10	4:00p	-	-	0	0	0	0	Funnel

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)										UTAH									
SOUTHERN										Salt Lake County									
ALICE Jim Wells County	10	10:20p	-	-	0	0	4	0	Flooding	31	3:00 p 4:30 p	0	0	0	0	4	0		Flash Flood
Flooding along Lattas Creek in western Alice forced about 50 persons from their homes.										Heavy rainfall associated with severe thunderstorms that moved northward through the west portion of Salt Lake County caused minor flash flooding to smaller streams and lower streets. A number of basements and streets were flooded from backed up street drainage. High winds averaging 50-55 mph with the storm also caused some power outages. Total damages were estimated at \$10,000.									
BANQUETE Nueces County	14	1:25p	-	-	0	0	0	0	Funnel	Grand County									
SAN PATRICIO COUNTY	14	1:25p	?	?	0	0	0	0	Tornado										
Touched down in an open field along Hwy 361 near the Dupont Plant.										31	7:00 p 8:00 p	0	0	0	0	5	0		Flash Flood
DRISCOLL Nueces County	14	1:45p	?	?	0	0	3	0	Tornado	A series of heavy thunderstorms struck the Moab area of Grand County late in the afternoon and early evening. Heavy rains with these storms caused moderate flash flooding on Pack Creek and damage to the county bridge 2 miles south of Moab. In addition some power and TV circuits were knocked out. Damage to the bridge was estimated at \$150-180,000.									
15 SE PIERCE Wharton County	14	2:35p	short	narrow	0	0	0	0	Tornado	VERMONT NORTHERN RUTLAND NORTHEASTERN WINDSOR AND SOUTHERN ORANGE COUNTIES									
Dept of Public Safety trooper reported a tornado touched down briefly in an open field and moved northeast.																			
ROCKPORT Aransas County	14	3:20p	-	-	0	0	0	0	Funnel	11	5 PM TO 11 PM			1	0	6	6		SEVERE THUNDERSTORMS
Observed near Copano Cove.										SEVERE THUNDERSTORMS MOVED THROUGH THE AREA CAUSING CONSIDERABLE LOCAL FLOODING, DOWNED TREES AND POWERLINES AND SOME STRUCTURAL DAMAGE. A BOX OF 15 WAS STRUCK AND KILLED BY LIGHTNING IN RUTLAND COUNTY. BROOKFIELD WEATHER STATION REPORTED 1.83 INCHES OF RAIN IN 30 MINUTES AND THE NEW ENGLAND POWER COMPANY REPORTED 2.04 INCHES OF RAIN FROM 8 PM SUNDAY TO 8 AM MONDAY.									
35 BAYTOWN Harris County	16	12:20p	-	-	0	0	0	0	Funnel	VIRGINIA Smyth County									
Storm moved south.																			
BOLIVAR PENINSULA Galveston County	17	12:45p	-	-	0	0	0	0	Funnel	6	4:00 p			0	0	3		Wind	
Reported 15 northeast of Galveston in open country moving east.										What was described as "an isolated, freak occurrence" destroyed a barn and leveled corn crop on farm in the Mitchell Valley area.									
12W PORT ARTHUR Jefferson County	17	1:25p	-	-	0	0	0	0	Funnel	Suffolk area									
Reported by sheriff near Hwy 73 moving east northeast.																			
TEXAS CITY Galveston County	21	early morning	-	-	0	1	3	0	Electrical	6	Evening			0	0	0	2		Wind, Rain
Lightning struck a man in a boat in Galveston Bay. He was taken to the hospital and admitted to intensive care. Another bolt struck a benzene tank at a Monsanto tank farm and caused a small fire.										Several reports of crop damage due to wind. Rainfall supplied some badly-needed moisture to area crops.									
12 SW GALVESTON Galveston County	21	3:50p	?	?	0	0	0	0	Waterspout	Richmond									
Waterspout remained offshore.																			
BEAUMONT Jefferson County	24	5:30p- 6:30p	-	-	0	0	4	0	Electrical	6	10:00 p			0	0	3	0		Lightning, Wind, Rain
Lightning caused a fire that did extensive damage to residence on Jasmine Lane. Heavy rain hampered fireman from reaching the residence quickly. Another bolt started a minor blaze on Long Street.										Lightning strikes left some 10,000 customers of power company without service. Fallen trees caused a variety of damage to buildings and vehicles. Approximately one inch of rainfall caused some basement flooding.									
GALVESTON COUNTY	27	7:18a- 7:27a	?	?	0	0	0	0	Waterspout	Chesapeake									
3 mi. southeast of downtown Galveston. Spout remained offshore moving northeast and dissipated.																			
TEXAS WESTERN										Middleburg area									
Near Acuff, Lubbock County	8&4	afternoon and evening	?	?	0	0	0	6	Hail and high winds										
Small hail driven by high winds to near 50 mph from a series of thunderstorms over the weekend heavily damaged 30,000 acres of cotton. Estimated dollar loss about 1 million.										Lightning struck and killed 26 Melstein cattle standing under a sycamore tree.									
Western Lubbock County	10	3 to 5P-							Funnels aloft	Oulpeper, Oulpeper Co.									
Numerous reports of small funnels aloft. None touched down.																			
Near Alpine, Brewster County	15	11:12A- 11:15A	?	?	0	0	0	0	Tornado	Many trees damaged by wind. Downed lines resulted in power outages for some 2,300 power company customers.									
Tornado touched down briefly in open country. No damage reported.										Richmond area									
12 miles northeast of Marfa, Jeff Davis County	15	12:09P- 12:12P	?	?	0	0	0	0	Tornado										
Tornado touched down briefly in open country. No damage reported.										Two waves of thunderstorms moved through the area. The first struck around 11 AM resulting in 4,000 homes being left without power and causing extensive damage to power switchboard of T-V station. Loss estimated at several hundred dollars mainly due to program revenue. In addition, lightning ran inside home, short-circuited clock radio, and resulted in about \$2,000 damage. Second storm moved in around 9 PM, knocking two other T-V stations off the air briefly. Also another 2,500 homes in the Mechanicsville area lost power.									
3 to 4 miles southeast of Ralls, Crosby County	16	6:25P	?	?	0	0	0	0	Tornado	Highland County									
Tornado observed by sheriff in open country for a brief period before lifting back into the clouds. No damage reported.																			
Near Cayanosa, Pecos County	28	2:15P	?	?	1	0	0	0	Lightning	Lightning split tree on farm near Matoes, killing 14 head of cattle gathered under it. Mobile home in Monterey damaged when bolt of lightning ran in on telephone line, burned out radio and blackened the trailer wall. In the Back Creek area 28 orchard trees were uprooted and power interrupted. Hail damage to gardens was prevalent over the County.									
A 17 year old woman hoeing in a field was killed instantly when she was struck by lightning during a thunderstorm.										Eastern portion									
										15	Afternoon & Evening			0	0	5	0		Wind, Lightning
										Severe thunderstorms moved thru the area with winds reported to be around 75 mph in some areas, along with considerable lightning damage. In Prince William County the entire 2nd floor of barn was destroyed by lightning-caused fire about 3:30 PM with damage estimated at \$5,000. Camping trailer also destroyed, in addition, and a church and 8 homes struck, with varying amounts of damage. Home in Emmerton, Richmond County, received about 60% damage when lightning set fire to attic. Fallen trees incurred widespread damage to homes and power lines with some 4,500 customers of utility company affected, especially over Spettsylvania, Gochland and Henrico Counties. In Dendron, Surry County, a home had roof damage and less of outside wall on south side, when tree fell on it.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA (continued)										WEST VIRGINIA (continued)									
Lake View, Middlesex County	15	6:00 p	1 1/4	20	0	0	4	0	Tornado	North, Central, South and East	11, 12	aftn. into early morning	0	0	0	4	5	3	Wind, Heavy Rain, Lightning, Hail
Northern portion	16	Evening			0	0	0	0	Rain										
Pawhatan County	24	6:30-7:00 p			0	0	3		Wind, Lightning, Hail										
Chesterfield, Chesterfield County	24	8:30 p			0	0	4	0	Lightning										
Middlesex County	24	9:00 p			0	0	3	0	Wind										
King William, King and Queen, Gloucester Counties	27	9:00 p			0	0	3	0	Wind, Rain										
Shenandoah and Warren Counties	28	5:50 p			0	0	3	0	Wind, Lightning	Union, Monroe County	12	1:15 am	4-5	?	0	0	5	0	Tornado
southern Greensville County	28	Evening			0	0	3		Wind										
Prince George County	28	Evening			0	0	3	0	Wind, Rain, Hail	Hurricane, Cabell County	15	evening	?	?	0	0	4	0	Funnel Cloud, Possible Tornado, Wind
Norfolk Naval Air Station	29	11:30 p			0	0	0	0	Wind										
Halifax County	30	Night			0	0	4		Wind, Hail	West and Central	15	evening	0	0	0	1	5	0	Wind, Lightning
VIRGIN ISLANDS										WEST VIRGINIA (continued)									
NONE REPORTED										NONE REPORTED									
WASHINGTON										WEST VIRGINIA									
Marshall, Ohio, Wirt Counties	31	afternoon	0	0	0	1	5	3	Flash Flooding	Tyler County	23	7-9 pm	0	0	0	0	5	5	Flooding
Heavy rains totaling 2.50 inches produced flash flooding in Marshall County along Little Grave Creek and Middle Grave Creek, as well as in Ohio County along Peters Run, a tributary of Wheeling Creek. Sun Valley, just east of Glen Dale in Marshall County, received the most damage. Storm waters forced in the foundations of four homes and filled approximately 15 others with water and mud. Damage ranged between \$6,000 and \$10,000 per residence.										Three or more inches of rain fell in a two-hour period on the Sancho and Sugar Creek watersheds in Tyler County, inundating 1,154 acres of crop land. Eighty percent of the flood plain was under water. Total loss to crops, fences, housing, personal property and machines was estimated at \$100,000. In Wick, Meadville and Beansville, twenty five families received moderate to severe damage to their property and ten homes had damage to their floors.									
Heavy rains reportedly 3 to 4 inches, resulted in flash flooding along Tucker, Lee, and Right Reedy Creeks in Wirt County. Flooding caused extensive damage to gardens, corn fields and other crops. Other damage included washed out foot and automobile bridges, fences, miscellaneous tanks and supplies, and some damage to homes and mobile residences. On Tucker Creek a man was injured when he slipped in muddy water just outside of his home.																			

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1976

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	PROPERTY	CROPS	
WISCONSIN											
Entire State		Extended Period			0	0	0	8			Severe Drought
		<p>The following information was compiled from newspaper articles, Wisconsin Agriculture Department, and U.S.D.A. reports. By the middle of July, Wisconsin as a whole, except for possibly the southeast corner, moved into an officially declared multi-million dollar drought situation, as an extended period of dryness continued through most areas. The Wisconsin Agriculture Department computed statewide average rainfall figures, and statewide average rainfall was 7.9 inches for the four month growing period between April 1 through July 11, 1976. The normal rainfall is 11.9 inches for this period and this represents a 34 percent reduction in needed rainfall. The reduction in rainfall proved to be devastating to crops. The 1976 drought by comparison to the driest year for the same period in recent Wisconsin history occurred in 1936 when 7.2 inches of rain was recorded. Therefore, the 1976 drought ranks among the driest ever. The drought was unusual for Wisconsin in that all of the states "Big Three" crops--corn--oats--hay suffered severely. Past crop experience during droughts allowed farmers to bank on one or two of the big three crops even if another failed. Combined hay and corn losses created a distressing effect on beef producers and dairy farmers in the state. Emergency federal disaster aid was extended to 32 counties of Wisconsin by the end of July. The federal assistance was given to make sure farmers could feed their daily herds and to keep them from being forced off their farms due to financial losses from the drought. On a county by county basis, the highest total crop losses were as follows:</p> <p>Corn--Some counties reported 60 percent losses. Oats--Up to 75 percent losses. Statewide cut by over a third. Hay--Second and third crop losses up to 90 percent. Pastures--80 percent losses in some counties. Wheat--30 percent losses.</p> <p>The U.S.D.A. surveys by late July estimated total statewide losses in crops to over 400 million dollars and included in this total, corn the most valuable crop in the state, topped 200 million dollars in losses. Some of the largest county by county losses reported by the U.S.D.A. were:</p> <p>Dane-- 46.6 million (included 36.2 million in corn losses) Lafayette-- 25.6 million (included 21 million in corn losses) Marathon-- 20.4 million; Iowa 19 million; St. Croix 18.6 million; Rock-- 16.4 million; Polk 16.2 million; Grant 16.1 million; Barton 13.8 million; Brown 12.0 million; Jefferson 11.8 million.</p>									
Extreme Southeast Part of State	30	5:00p-10:00p			0	0	5	0			Thunderstorms High Winds, Hail
		<p>Scattered severe thunderstorms with high winds and hail occurred over southeast Wisconsin and caused spotty areas of damage. Brief heavy rainfall caused some local flooding to streets and roadways. Strong winds gusting as high as 65 mph blew down trees and power lines in Milwaukee, Ozaukee, and Racine counties. Shingles were blown off the roofs of some homes in the region. 2000 customers were without power for a time in the area. The Milwaukee Coast Guard reported a waterspout over Lake Michigan four miles eastsoutheast of downtown Milwaukee at 8 pm est.</p>									
Sheboygan, Sheboygan County	30	550p			0	0	?	0			Hail
		<p>One inch hail was reported 30 miles west of Sheboygan.</p>									
Cedarburg, Ozaukee County	30	610p			0	0	?	0			Hail
		<p>One inch hail was reported at Pioneer road south of Cedarburg.</p>									
Cedar Grove, Sheboygan County	30	710p			0	0	?	0			Hail
		<p>One inch hail was reported at Cedar Grove.</p>									
Milwaukee County	30	730p			0	0	?	0			Hail
		<p>One inch hail was reported at 107th street and Fond du Lac 18 miles northwest of Milwaukee.</p>									
Dane County	30	745p-815p	20	30	0	4	5	0			Tornado, High Winds
		<p>A tornado first touched down just northeast of Waunakee and moved southeastward skipping through Blooming Grove and then over the eastern outskirts of the Madison area. The twister passed near the intersection of highways 51 and county road B8. The tornado continued to move southeast into McFarland near the intersection of Hwy I-94 and county road MN, where it was last reliably reported. Damage in the Waunakee area totaled \$150,000. One house was heavily damaged and a garage was totally destroyed. A truck with furniture in it was turned over. In the eastern Madison outskirts many trees and powerlines were down with an estimated \$100,000 in damages. In McFarland, a house under construction was destroyed and another house was badly damaged. In addition high winds accompanied by thunderstorms in the vicinity of the tornado produced an additional \$100,000 in damages in the Madison vicinity especially over the eastern sections of the city. Four persons were reported to be cut by flying glass.</p>									
WYOMING											
Saratoga 22 E		2 Afternoon	?	?	0	0	0	5			Tornado
		<p>A tornado touched down early in the afternoon in forest on Medicine Bow Mountain Range. It destroyed about 215 acres of prime timber, an estimated 3.75 million board feet. The area is about 1 mile south of Turpin Reservoir.</p>									
Basin		4 5:00 p.	?	?	0	0	3	0			Tornado
		<p>A small tornado brushed Basin and continued on to Orchard Bench. It did damage to 3 houses, some power poles and miscellaneous property.</p>									
Letter		6 3:30 p.			0	0	?	C			Hail
		<p>Hail up to 1-3/4 inches did damage to buildings, gardens, crops, etc. in and west of Letter.</p>									
Douglas 30 N		7 Afternoon			1	0					Lightning
		<p>Lightning killed a cowboy, circumstances not known.</p>									
Lingle 12 SW		12 4:05 p.	?	?	0	0	0	0			Tornado
		<p>A small tornado touched down for about 90 seconds over open prairie. It was moving northwest when it lifted.</p>									
Gillette 40 NW		12 5:05 p.	?	?	0	0	0	0			Tornado
		<p>A tornado touched briefly over open prairie. It was moving east-northeast.</p>									
Moorcroft 19 ENE		12 6:00 p.	?	?	0	0	?	C			Tornado
		<p>A tornado struck a ranch doing damage to ranch house, outbuildings, equipment, trees and garden.</p>									
Medicine Bow 5 SE		30 Early evening			1	0					Lightning
		<p>Lightning killed a 13 year old boy while fishing at Chase Reservoir.</p>									
Wheatland 15 W		31 9:00 p.			0	0	4	0			Flash flood
		<p>Heavy rains estimated to 9 inches caused flash flooding in Palmer Canyon. One ranch damaged and several bridges, culverts, and stretches of road were washed away or damaged.</p>									
		<p>ⁿ 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</p>									
		<p>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 June and December issues of this publication.</p>									
		<p>SUBSCRIPTION PRICE: \$3.60 a year; \$4.80 additional for foreign mailing; 30c single copy. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Actn: Publications.</p>									

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