

July 1974

Volume 16

Number 7

# Storm Data



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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	
<b>ALABAMA</b>										<b>ARIZONA (continued)</b>									
Bueytown, Jefferson County	3	3:35p			0	0	0	0	Hail	Lake Havasu City, Mohave County	19	5:30 - 7:00 p.			3	14	6	0	Thunderstorm, Wind, Flooding
Florence, Lauderdale County	8	6:50p							Funnel										Severe thunderstorm with winds to 80 m.p.h. and up to 2 inches of rain caused very extensive flooding of streets. Some streets had completely washed out sections 4 and 5 feet deep and some streets and normally dry washes were flooded with water up to 5 feet deep. Many cars were abandoned during the storm and a number washed away. Three members of one family were carried to their death and one injured when their station wagon was carried 3,000 feet down a wash by a wall of water 10 feet high. Damage to public and private property amounted to 1.7 million.
Cherokee, Colbert County	8	8:20p			0	0	3	0	Tornado										
Skyline, Jackson County	10	Afternoon			0	0	4	0	Lightning	Bullhead City, Mohave County	19	Evening			0	0	4	0	Thunderstorm, Wind
Birmingham, Jefferson County	14	2:00p			0	5	0	0	Lightning										High winds and 2 inches of rain overturned several mobile homes and ripped off carports and patio roofs.
Prattville, Autauga County	15	3:45p			0	0	0	0	Hail	Catalina, Pima County	20	Morning			0	0	4	0	Thunderstorm, Flooding
Beatrice, Monroe County	20	3:30p	1/2	?	0	0	2	0	Tornado										Thirty-two families were temporarily stranded at their homes and 6 mobile homes were in jeopardy of being washed into Canyon del Oro Wash by runoff from a 4 3/4 inch rain. Runoff cut deep gorges and washed away huge chunks of earth from driveways and county roads.
Ft. Rucker, Dale County	20	5:30p			0	0	4	0	Wind	Salt River Valley Maricopa County	21	9:30 - 11:00 p.			0	0	5	4	Thunderstorm, Wind, Flooding
Fort Morgan, Baldwin County	22	4:50a							Funnel										Thunderstorms caused flooding of streets and highways, wind damage to houses, mobile homes, commercial buildings and aircraft. Many palm trees were set afire by lightning. At Glendale Airport at least 25 small airplanes were damaged. Ten were flipped, two torn apart and a helicopter destroyed. Damage to aircraft \$150,000.
<b>ALASKA</b>										NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>ARIZONA</b>										Eastern part of Salt River Valley Maricopa County									
Bonita and Safford Graham County	1	6:30 p.			0	0	3	0	Thunderstorm, Wind, Hail		22	8:00 - 10:00 p.			0	0	5	4	Thunderstorm, Wind, Hail, Flooding
Madera Canyon (40 mis. S of Tucson) Santa Cruz County	1	4:00 p.			0	0	3	0	Thunderstorm, Hail										Thunderstorms moved into the valley for the second consecutive night. Hardest hit was the Tempe-Chandler area. Streets were flooded, power lines and trees down, and considerable damage to numerous houses, mobile homes and commercial buildings. Golf ball size hail fell in parts of Tempe. The Apache Trail (State Highway 88) northeast of Apache Junction was closed due to washed out and flooded sections.
Tucson, Pima County	1	Evening			0	0	4	0	Thunderstorm, Wind	Show Low, Navajo County	23	Evening			1	0	4	0	Thunderstorm, Lightning
Tucson, Pima County	2	Night			0	0	4	0	Thunderstorm, Wind										Woman died near Show Low in a house fire caused by lightning.
Sierra Vista Cochise County	2	Afternoon			0	0	4	0	Thunderstorm, Flooding	Kingman Airport, Mohave County	23	2:37 p.			0	0	0	0	Thunderstorm, Wind
Chandler (few mis. S), Maricopa County	7	2:00 p.			0	0	0	0	Funnel Cloud										Peak wind gust during thunderstorm reached 69 m.p.h.
Chandler (2 mis S) Maricopa County	14	8:36 p.			0	3	4	0	Thunderstorm, Wind	Kearney Pinal County	25	5:30 p.	1/35	25	0	0	4	0	Tornado
Pima and Bryce, Graham County	17	Afternoon			0	0	4	4	Thunderstorm, Flooding										Tornado touched down near James Circle and Invahee Road in the south part of Kearney. It moved from southwest to northeast; path 150 feet long and 75 feet wide. Estimated damage \$20,000.
Catalina, Pima County	18	9:15 p.			0	0	5	0	Thunderstorm, Wind, Flooding	Tucson and Marana, Pima County	26	9:00 p.			0	1	4	0	Thunderstorm, Wind
																			Winds up to 58 m.p.h. whipped through the Tucson-Marana area with heavy blowing dust and sand. One man was injured when a store window burst in Tucson and severely cut his wrist. Numerous power lines were blown down.
										<b>ARKANSAS</b>									
										Snackover, Union County	7	6:30 p.			0	0	6		Lightning
																			Lightning struck and set fire a crude oil tank, destroying the tank and its contents of 45,000 barrels of crude oil. Fire spread to nearby buildings destroying two places of business and one residence.
										4 Miles South of Redfield, Jefferson County	14	3:15 p.			1	2	0		Lightning
																			Lightning struck and killed a motorcyclist while he was standing in an open field. His two companions were injured slightly.
										5 Miles North of Morrilton, Conway County	15	3:30 p.			0	7	5		Wind
																			Strong winds generated by a thunderstorm destroyed five mobile homes and did considerable damage to two additional mobile homes. Seven occupants of the mobile homes were treated for injuries.

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<b>ARKANSAS (continued)</b>									
Winchester, Drew County	16	3:00 p.			0	0	4		Lightning
									Lightning struck and caused a fire that gutted a two-story frame house.
Lake Village, Chicot County	20	4:30 p.							Funnel Cloud
									Public reported funnel cloud. Movement unknown.
Walnut Ridge, Lawrence County	21	3:10 p.			0	0	5	C	Wind
									Winds in excess of 90 MPH caused considerable damage within a five mile radius of the airport. Several airplanes were damaged with considerable roof damage to buildings in the area. Local portable building manufacturer received greatest loss as 122 portable buildings destroyed.
Eastern Greene County	22-23	10:30 p. to 1:00 a.			0	0	4	C	Wind, Hail, and Funnel Clouds
									Marble sized hail fell on the eastern sections of the town doing minor crop damage and high winds overturned and destroyed a mobile home and caused roof damage elsewhere. Four funnel clouds were also sighted moving toward the south.
Russellville, Pope County	29	3:00 p.			0	0	3	C	Hail
									Golf ball sized hail fell on the eastern section of the city doing considerable damage to automobiles.
2 Miles East of Charleston, Franklin County	29	6:00 p.			0	0	4		Lightning
									Lightning struck and caused a fire destroying a rural home.
Jacksonville, Pulaski County	29	6:20 p.			0	1	3	C	Lightning and Hail
									Lightning struck a youth while he was riding his bicycle causing minor injuries. Golf ball sized hail also fell on the city doing minor damage.
Hot Springs, Garland County	29	6:45 p.			0	0	2	C	Hail
									Golf ball sized hail fell on the city doing minor damage.
Bryant, Saline County	29	9:00 p.			0	0	4		Lightning
									Lightning struck and caused a fire which destroyed a home and its contents.
Northeast Lincoln County	31	5:00 p.							Funnel Cloud
									State Police reported funnel clouds near Gould and 10 miles north of Grady. Movement was toward the east-northeast.
<b>CALIFORNIA</b>									
<b>NORTHERN &amp; CENTRAL</b>									
									NONE REPORTED
<b>CALIFORNIA SOUTHERN</b>									
San Bernardino, Riverside & Imperial counties	20, 21, and 22	Afternoon and Evenings			1	1	?	?	Heavy thunderstorms
									Floods from numerous thunderstorms in the mountains and deserts of Southern California caused the closing of several highways in the Colorado River Valley area. Gusty winds from the thunderstorms caused a small boat to capsize drowning one person on Lake Silverwood near Crestline. The flash floods virtually isolated the city of Needles, marooning several motorists and washing away several unoccupied cars. Rainfall was estimated at over 2 inches in 2 hours. Heavy thunderstorms also caused the closing of many roads and highways in Antelope Valley.
Riverside County	20	13:49	1 mile	1 km	0	1	?	?	Tornado
									A tornado slammed into the southwest side of Hemet destroying 3 small planes and 5 gliders and damaging several hangars at the city's airport. One person was injured by flying glass from a wind shattered window. Winds were estimated to be over 100 MPH. Heavy rains were also reported after the tornado. 2.39 inches fell in a 60 minute period.
<b>COLORADO</b>									
Larimer County	1	11:30a.			1	0	0	0	Lightning
									A girl was killed at the Iceberg Lake parking area at 12,000 feet MSL on Trail Ridge Road.
Weld County	1	2:45p.							Funnel aloft
									A funnel aloft was observed about 25 mi. north of Denver.
<b>COLORADO (continued)</b>									
Arapahoe County	5	about 5:15p.			0	0	4	0	Wind
									Strong thunderstorm winds damaged a mobile home, a barn, two houses and several sheds 5 mi. southwest of Watkins.
Adams County	11	7:00p.			0	0	3	0	Hail
									Hail up to about 1 1/2 inches in diameter fell at Thornton.
Douglas County	12	2:40p.			0	0	3	0	Hail
									Hail up to about 3/4 inch diameter occurred at Castle Rock.
Arapahoe, Denver Counties	15	aftn.			0	0	4	0	Lightning
									A number of power outages occurred and several homes were damaged by a severe lightning storm.
Mesa County	18	5:27p.			0	0	4	3	Wind, rain
									A severe thunderstorm hit just north and northeast of Grand Junction, downing power lines, damaging aircraft and hangars at the Airport, causing road washouts, and blowing a mobile home off its foundation. A total of 1.38 inches of rain fell at the Airport in 1 hour and this is the heaviest 1-hour rainfall of record at that location.
Mesa County	19				0	0	4	0	Rain
									Heavy rains produced flash flooding east of De Beque. Part of an irrigation structure was destroyed and several roads suffered damage.
Eastern portion	21	aftn, eve			0	0	4	3	Hail, rain
									Hail up to 3/4 inch diameter fell at Deertrail about 5:45 p.m. Heavy rains caused flash flooding near Colorado Springs, at Canon City, and in the metropolitan Denver area.
El Paso, Teller Counties	22	5:00-7:30p.			0	1	4	0	Rain, hail, lightning
									A severe thunderstorm caused local flash flooding in the Colorado Springs and Woodland Park areas, damaging roads and flooding a few buildings. Hail up to about 1 inch in diameter fell near Chipita Park at 5:50 p.m. and a man was injured by lightning at Colorado Springs.
El Paso County	24	1:09p.							Funnel aloft
									A funnel aloft occurred just west of Colorado Springs.
Arapahoe County	28	2:32p.			0	0	0	0	Tornado
									A tornado was observed just east of Buckley Field (southeast of Denver), moving SSE.
<b>CONNECTICUT</b>									
									NO STORM DATA REPORT RECEIVED FOR THIS STATE
<b>DELAWARE</b>									
Wilmington	5	Afternoon							Lightning
									A mother was killed by lightning while standing on her porch. Lightning also caused several fires and felled utility poles around New Castle County.
<b>FLORIDA</b>									
Brooksville, Hernando County	3	2:00 p-3:00 p			0	0	3	0	Thunderstorm Lightning and Hail
									Strong winds, severe lightning, marble-sized hail, and heavy rain accompanied a heavy thunderstorm. Heaviest damage occurred when an Australian pine tree was blown down onto a house, otherwise only minor damage was reported.
Tequesta, Palm Beach County	10	3:30 p-			1	1	0	0	Lightning
									Two employees of the Tequesta Water Company were struck by lightning while working on a water meter at a private residence. One worker was killed and the other knocked unconscious. (Tequesta is a village in northern Palm Beach County).
Central and Southern Florida	12								
									A line of severe thunderstorms preceding a cold front moved through central and southern Florida during the afternoon of July 12 accompanied by strong winds, heavy rain and some reports of hail. The hardest hit area appeared to be along the lower southeast coast from Palm Beach County to the Miami area. Most of the severe weather listed below for this date occurred in connection with this line of severe thunderstorms.

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<b>FLORIDA (continued)</b>										<b>FLORIDA (continued)</b>												
Macatee, DeSoto County	12	Unknown			1	0	0	0	Heavy rain	Fort Walton Beach Okaloosa County	22	2:30p- and 4:00p			0	4	0	0	Lightning			
									A 39-year old woman drowned in high waters of the Peace River near Macatee during the afternoon near the State Road 761 bridge.										Four U.S. Army men injured in two separate lightning strikes. Two men injured at Camp James G. Rudder around 2:30 pm. Two men injured east of Hwy 285 around 4 pm.			
Titusville, Brevard County	12	Unknown			0	0	4	0	Lightning, Hail and Windstorm	Stuart, Martin County	22	4:20p	1/10	10	0	0	4	0	Tornado			
									A line of severe thunderstorms moved through Brevard County during the afternoon accompanied by gusty winds, lightning, hail and heavy rain, causing fires and electrical outages. Hail the size of ice cubes was reported in North Titusville. Hail was also reported in Cocoa Beach and Merritt Island. A home on Merritt Island was set afire by lightning and incurred above \$9,000 damage. A number of large trees were blown over in Brevard County.											A small tornado destroyed one mobile home and damaged 3 others in a mobile home park about 4 miles west of Stuart. Damage estimated at \$10,000. Three funnels aloft observed west of the mobile home park after the tornado struck moved north to south and dissipated over the Hobe Sound area.		
Fort Pierce, St. Lucie County	12	2:00p- 3:00p			0	0	4	0	Lightning and Windstorm	Hilton, Santa Rosa County	23	Unknown			0	0	4	0	Lightning			
									Two severe thunderstorms occurred causing extensive electrical damage. Approximately 75 direct lightning strikes occurred on poles, wires or transformers. A bolt of lightning struck a tree at a rural home killing a horse, a turkey, and 10 chickens. Lightning struck the Fort Pierce Coast Guard station about 5 pm knocking a hole in the wall. A lightning fire in the attic of a residence caused \$1,000 damage.												Lightning struck a tree and small house during late afternoon causing a fire. The house was gutted with damage estimated at \$8,500.	
Belle Glade, Palm Beach County	12	Unknown			0	0	4	0	Windstorm	Sebring, Highlands County	24	5:15p			0	0	3	0	Windstorm			
									Vigilant winds were reported during a severe afternoon thunderstorm blowing down trees and power lines. A small airplane was overturned and declared a total loss. Rainfall reported was 3.55 inches.											Strong winds during two thunderstorms uprooted a number of trees and damaged a TV antenna and lawn furniture. A small "twister" was reported seen in the area. Water damage to several homes resulted from heavy rains. Total damage estimated \$5,000.		
Lower Southeast Coast, Palm Beach, Broward, and Dade Counties	12	3:30p-			0	0	5	0	Windstorm	St. Petersburg, Pinellas County	25	1:15p	1/10	7	0	0	4	0	Tornado			
									A line of severe thunderstorms swept through the lower southeast coastal sections accompanied by strong winds and heavy rain. No serious injuries were reported, winds up to 60 mph were recorded in both Palm Beach and Broward Counties. A 50-ton 230 ft. crane was blown over in Ft. Lauderdale damaging a nearby building and crushing a car. Damage to the crane was estimated at \$100,000. The Coast Guard reported 11 boats over-turned. One man was reported missing when a sail boat flipped over south-east of Miami. Many power lines were blown down through the area and local street flooding occurred.													A small tornado dipped down briefly in Shore Acres (north-east St. Petersburg) damaging mainly one house. The patio roof and about 30% of the tile roof was blown off plus additional minor damage to the house. An aluminum shed next door was blown down the street and a boat slammed against a wall plus TV antenna damage to several houses. Total damage estimated \$7,000.
Oviedo, Seminole County	17	Unknown			0	1	0	0	Lightning	Cedar Island, Taylor County	25	9:30a			0	0	4	0	Lightning			
									A 9-year old boy was struck by lightning and knocked unconscious while playing by a tree.										A 60-foot trailer was struck by lightning at Cedar Island near Perry. The trailer and attached cabana burned.			
Orlando, Orange County	17	Unknown			0	2	4	0	Lightning and Windstorm	Cocoa, Brevard County	27	Unknown			0	2	2	0	Lightning			
									Two construction workers were struck by lightning during a severe late afternoon thunderstorm with one of the men seriously injured. High winds collapsed the 3-story steel framework of a building under construction. Heavy rains up to nearly 3 inches caused street flooding.										Lightning struck a 24-foot sail boat on Indian River (near Cocoa) during an afternoon thunderstorm injuring two of the six persons aboard. Lightning struck a restaurant in Rockledge (just south of Cocoa) 3 times causing minor damage and no injuries.			
North Fort Myers, Lee County	19	5:50 p	1/10	10	0	0	2	0	Tornado	Avon Park, Highlands County	28	Unknown			1	0	0	0	Lightning			
									A small tornado touched down briefly knocking down a few trees and a restaurant billboard. Pea-sized hail was reported. A second funnel was observed in the same area. Minor damage (estimated \$500).											A 6-year old girl was killed by lightning while outside manually turning a TV antenna pole for better reception.		
Live Oak, Suwannee County	20	4:00 p- 5:00 p	1/10	10	0	0	3	0	Tornado	<b>GEORGIA (continued)</b>												
									What apparently was a small tornado touched down briefly about 8 miles south of Live Oak between 4 and 5 pm uprooting a large pecan tree and smashing a car. Damage estimated \$3,000.	Dudley, Laurens County	16	4:30 p.			0	0	4		Wind			
West Palm Beach Palm Beach County	21	5:30p - 6:30p			0	1	3	0	Lightning and	Conyers, Rockdale County	16	5:00 p.			0	0	4		Wind			
									A 13-year old boy in a tree was struck by lightning in Greenacres City (just southwest of West Palm Beach) during a severe thunderstorm. Power outages were reported from Boca Raton to Jupiter. Hail the size of "quarters" was reported with winds up to 65 mph at the northern part of Lake Worth. There were many uprooted trees and broken limbs.	Milner, Lamar County	17	7:45 p.			0	0	5		Lightning			
										Tifton, Tift County	18	Evening			0	0	4	3	Wind			
										Atlanta, Fulton County	20	4:30 p.			0	0	1		Wind			
																			52 kt wind measured at airport.			
										<b>HAWAII</b>												
										North and Central Oahu	18	9:30a.- 2p.			1	0	4	C	Heavy rain			
																			Heavy summer rain concentrated over Koolau Mountains and north end of island from Kaawili to Sunset Beach flooded 6 homes and campsites in Punaluu Beach Park area causing only minimal dollar damage. 15 year-old boy drowned in rain-swollen Nuuanu Stream at Lillokalanani Park while swimming below Waikahalulu Falls. Punaluu rain gauge recorded 4.5 inches between 8a. and 2p. with greatest intensity of 1.78 inches in 43 minutes.			

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<b>HAWAII (continued)</b>									
14 mi. SE of Honolulu Airport, Oahu	21	10a.							Funnel cloud
1/2 mi. S of Koko Head, Oahu	21	10:10a.-10:18a.							Waterspouts
			2 waterspouts moved toward Molokai before dissipating.						
<b>IDAHO</b>									
Nr. Georgetown to St. Charles, Bear Lake County	2	2 p.m.-3 p.m.	30	*1/4 - 1/2	0	0	0	4	Hail
			An intense hail storm struck the area destroying most of a 4-acre field of ripening raspberries near Georgetown. Ripening grain and other crops were damaged by the hail which measured 1 inch in diameter. Depths to 4 inches were measured at some locations.						
Deep Creek, near Bonners Ferry, Boundary County	19	a.m.	?	?	0	0	3	0	Lightning
			Lightning struck a grove of trees killing 9 cows of a herd standing under the trees. Numerous small spot fires in the northern Idaho area were reported from lightning strikes during the general storm.						
<b>ILLINOIS</b>									
STEPHENSON, WINNEBAGO, WUREAU, KANE, LAKE, COOK, WILL, DUPAGE, LASALLE, POI counties	1-2	6:25PM-3:00AM	?	?	0	1	4	0	TORNADO, HAIL, FUNNEL, HEAVY RAIN, LIGHTNING
			As thunderstorms moved across northern Illinois, a funnel cloud was sighted south of Freeport, Stephenson county, at 6:25PM. Lightning struck a corn crib in the evening south of Buda, Bureau county, causing minor damage. 9:44PM a tornado was reported by the public two miles south of Marsailles, LaSalle county, and touched down in a farm field causing no damage. At 9:53PM a "hook" echo was reported by radar just north of Kempton, Ford county. A severe electrical storm caused small fires in Naperville, DuPage county. The heaviest damage occurred to two homes which caught fire due to lightning strikes; damage was estimated at \$100,000. In the Chicago area, three inches of rain caused flooding of streets and viaducts. 40,000 homes were without power as lightning downed power lines. In the early morning hours the Grand Crossing District police station in Chicago exploded injuring one man when water flooded the basement boiler. In Chicago lightning struck the roof of a home at 2:02AM causing \$200 damage and the side of a house causing \$1,000 damage at 2:17AM. At 3:11AM lightning caused fire damaged the attic and first floor of a home causing \$4,000 damage. Major power blackouts darkened Bonners Grove, DuPage county, Aurora, Kane county, and Cicero, Cook county. Many minor fires were set by lightning south and southwest of the Chicago metropolitan area. Half inch hail and high winds were reported at Elmhurst, DuPage county, Aurora, Elgin, Kane county, and Bollingbrook, Will county. At 3:25AM a funnel was sighted by the public north of Roseville, Will county.						
KANE, OGLE, WINNEBAGO, CARROLL counties	3	4:00-8:25PM	?	?	0	0	?	?	HAIL, WIND, HEAVY RAIN, FUNNELS
			Thunderstorms, high winds, and hail moved across the area during the late afternoon and early evening. At 4:00PM 55 mph gusts were reported at Oregon Ogle county. The brief appearance of a funnel cloud was noted just north of Rechelle, Ogle county, at 5:45PM. 6:02PM strong winds to 60 mph were reported at Savanna, Carroll county, and winds to 50 mph were reported near Rockford, Winnebago county, at 7:15PM. One quarter to half inch hail pelted an area 28 miles south of Rockford at 7:20PM. Heavy rain fell at Elgin, Kane county. A funnel cloud was sighted and reported by the public at 9:25PM in southeast Kane county. Only minor damage was reported from these storms.						
MOHAWK, LAKE counties	9	1:00-9:00PM	?	?	0	0	4	5	WIND, HAIL, HEAVY RAIN
			Thunderstorms with high winds, heavy rain, and hail moved over the two county area destroying corn and bean crops and damaging farm buildings. At 4:00PM Antioch, Lake county, moth-ball size hail and winds downed trees.						
ST. CLAIR county	9	7:30PM			0	0	0	0	FUNNEL
			A funnel was sighted just north of Belleville.						
PEORIA, MARSHALL,	10	4:00-5:25PM	?	?	0	0	4	6	WIND, HAIL
			Severe thunderstorms moved across central Illinois during the late afternoon. Numerous trees were reported down in Peoria, Peoria county, as a result of high winds. At 4:35PM a severe thunderstorm with damaging winds up to 40 mph was reported by civil defense personnel at Sparland, Marshall county. The thunderstorm activity moved southeastward into Woodford county where hail ranging from marble to golfball size fell between Lashburn, Matamora, and Rockoke. The hail's intensity was centered 3 1/2 miles northwest of Rockoke where three square miles of crops were destroyed, and severe damage to corn, wheat, and bean crops. The last report of golf ball size hail was received at 5:25PM at Woodford, Woodford county.						
CHRISTIAN county	11	11:35AM			0	0	0	0	FUNNEL
			A pilot reported a funnel cloud 8 miles southwest of Taylorville.						
<b>ILLINOIS (continued)</b>									
LAKE, COOK, DUPAGE,	14	12:00-2:00PM	?	?	1	?	6	7	TORNADO, HAIL, WIND, HEAVY RAIN
			A line of severe thunderstorms stretched across extreme northern Illinois during early afternoon. The heaviest and most destructive activity was around the Chicago, Suburban and Metropolitan area where high winds, hail, and heavy rain caused extensive damage. At 12:15PM a tornado was reported at Route 53 and Dundee Rd (Rte 56), Palatine, Cook county. No known damage. Heavy rains and strong winds were reported throughout the suburban areas northwest of Chicago as the storm moved swiftly southeastward. Numerous accounts of downed trees and tree limbs as well as disrupted electrical service were reported in these areas. Severe roof damage to an apartment complex was reported in Palatine, Cook county, and a house under construction was knocked from its foundation in Elk Grove Village, Cook county. A heavy thunderstorm with damaging winds gusts to 55 mph reported at O'Hare Airport in Chicago at 12:30PM, and windows in the terminal buildings were blown out. Sections of roofing material were blown off several buildings including the Weather Service Office. A Northwest Airlines 747 was spun around by the wind causing it to wing to strike the Jetway passengers used to enter the plane. A twin engine Beechcraft was also moved by the storm wind against a fence. Lightning struck an Ozark Airlines DC-9 awaiting takeoff. Winds up to 70 miles an hour were reported at Bellwood, Cook county, at 12:30PM and caused damage to trees as well as electrical wires. At 12:30PM gusts 70-80 mph were reported 3 miles east of O'Hare Airport at Cumberland Rd, and the Kennedy Expressway. Half inch hail was noted at about the same time in Rolling Meadows and at 1PM gusts to 60 mph were reported at Midway Airport Chicago, both in Cook county. As the cold front associated with the thunderstorm activity passed Midway Airport the temperature dropped 27 degrees in one hour, from 99 degrees at 1:30PM to 72 degrees at 1:30PM. The Coast Guard reported an estimated 25 vessels had capsized as the storm moved into Lake Michigan; about 10 persons were rescued. One woman drowned after her sailboat capsized off Navy Pier.						
LIVINGTON, FORD counties	14	4:15-6:00PM	?	?	0	0	3	4	WIND, HAIL
			A severe thunderstorm with damaging wind and golfball size hail was reported at 4:15PM 12 miles east of Pontiac, Livingston county. One tool shed was destroyed and a barn roof blown off. Heavy crop damage was reported through the area.						
MONTGOMERY county	14	8:30PM			0	0	4	4	FUNNEL, WIND, HEAVY RAIN
			A funnel cloud was sighted in the Raymond area, Montgomery county, about 8:30PM. Hail and strong winds accompanied the storm activity with minor damage to several farm homes, and a roof was blown off a modular home causing heavy damage to a home it struck. Trees were uprooted.						
MASON county	14	Evening			0	0	4	0	WIND
			High wind destroyed a mobile home near Havana, Mason county and some trees were downed.						
WILL county	19	7:35PM			0	0	0	0	FUNNEL
			A funnel cloud was reported by the public at Elwood, Will county, at 7:35PM.						
ROCK ISLAND county	21	11:30PM			0	0	?	0	HEAVY RAIN, WIND, LIGHTNING
			A severe thunderstorm struck the Quad Cities area with brief heavy rain and damaging wind. Winds of 54 mph were reported at the Quad City Airport. Windows broken; power lines were blown down, and lightning caused a few small fires.						
LASALLE, Cook counties	22	12:00-1:05PM			0	0	0	0	FUNNELS, WIND, HEAVY RAIN
			Three funnel clouds were reported one mile north of Mendota, La Salle county at noon and were confirmed by police. At 12:10PM a funnel was reported at Mendota by radio station WGLL. At 1:05PM 50 mph wind gusts and heavy rains are reported at Streamwood, Cook county.						
ADAMS county	28	1:30AM			0	0	?	?	WIND, LIGHTNING
			At 1:30AM a thunderstorm occurred in the Quincy area with 61 mph winds. Most of the damage was confined to the Quincy area where trees and power lines were blown down. Other towns in the county reporting damage were Ursa, Foster, and Paloma. Lightning caused some small fires.						
SANGAMON, MENARD counties	28	2:00-4:00AM			0	0	4	5	WIND, LIGHTNING
			Thunderstorms brought heavy rain and strong wind to Menard and Sangamon counties early Sunday morning. In Petersburg, Menard county, a partially constructed warehouse was blown over and severely damaged. Numerous trees and power lines were reported downed. As the storm continued moving southeast, gusts to 58 mph were reported at Capital Airport, Springfield, Sangamon county, at 3:24AM.						
WAYNE, RICHLAND counties	28	8:30-9:00PM			0	0	?	?	FUNNEL, HAIL, LIGHTNING
			An eastward moving line of thunderstorms was reported by State Police in east central Wayne county at 8:30PM. Large hail accompanied the storm. At 8:35PM a funnel cloud and 1 to 1/2 inch hail was observed 3 miles west of Fairfield, Wayne county, moving east. A home in Noble, Richland county, sustained considerable damage when the roof was penetrated by the top of an oil tank which flew 300 feet after being struck by lightning and exploded.						

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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	
<b>INDIANA</b>										<b>IOWA (continued)</b>									
25 mi. NE of Evansville Pike County	6	1:20p							Funnel	Eldridge & Mt. Joy area, Scott County	10	5:00 p			0	0	5	5	Windstorm Barn destroyed (\$15,000 damage) and 40 acres of corn 50-75% shredded - minor damage at Davenport Municipal Airport. heavy hail reported at Eldridge.
Seymour Jackson County	6	5:38 p	?	?	0	0	?	?	Hail	NE of Akron, Plymouth County	14	7:30 a			0	0	4	0	Lightning Buildings and feed burned.
Tipton County and Madison County	9	4:00 p to 6:00p	?	?	0	0	0	0	Lightning and Wind	6NE Red Oak, Montgomery County	14	4:20 p			0	0	4	0	Lightning Large barn, hay and livestock burned.
Indianapolis Marion County	14	4:00 p	?	?	0	0	0	0	Wind	Lockridge, Jefferson County	14	Early evening			0	0	4	3	Windstorm
Seymour Jackson County	15	4:35 p							Funnel	Des Moines, Polk County	21	7:30 p			0	0	4	0	Windstorm and heavy rains Losses near downtown Des Moines including Sec Taylor Stadium roof blown off. Wind 60%, rain 40% of loss.
Greenwood Johnson County	19	5:00 a			0	0	4	0	Lightning	Waterloo-Cedar Falls, Black Hawk County	21	8:30 p -9:25 p			1	0	5	0	Windstorm Lightning struck 2 houses and damaged them (20% loss). Wind took down trees and power lines - cars damaged and streets blocked due to fallen limbs. Part of roof of Illinois Central roundhouse was torn off and rail cars blown off track. 84 year old man was electrocuted.
Carmel Hamilton County	19	4:40 p			0	0	4	0	Lightning	Nashua, Chickasaw County	21	9:00 p			0	0	4	4	Lightning 12 Holstein cows killed at one farm, barn burned to the ground at another - plus wind and rain damage to crops and property.
Indianapolis Marion County	22	5:00 a	3/4	100	0	0	4	0	Wind	Marshall County	21	9:10 p							Funnel
Warren County and Fountain County	27	4:30 p to 5:30p	35	5000	0	0	4	6	Hail	Quasqueton, Buchanan County	21	10:00 p			0	0	4	0	Lightning 17 cattle killed under a tree struck by lightning.
Rochester Fulton County	29	3:10 a	?	?	0	0	?	?	Hail	Blairstown, Benton County	21	10:15 p			0	0	4	0	Lightning Barn and hay burned.
										Tama, Tama County	21	10:25 p							Funnel
<b>IOWA</b> (Central Daylight Time)										1W Lone Tree, Johnson County	22	2:25 a	1	150	0	0	4	4	Tornado
45W Madena, Fayette County	1	6:00 p			0	0	4	0	Lightning	Manly, Worth County	25	5:37 p			0	0	4	4	Hailstorm One inch hail.
2 1/2 S of Goose Lake, Clinton County	1	8:00 p			0	0	4	0	Lightning	Clear Lake, Cerro Gordo County	25	6:30 p			0	0	5	4	Windstorm Winds to 75 mph (measured at airport) destroyed hangar and marble sized hail covered ground - some tree and line damage. Moved south.
Middelburg area, Sioux County	2	3:00 a	8	1/4	0	0	4	4	Windstorm	Ft. Dodge south to Dayton, Webster County	25	7:10 p	1 1/2	0	0	4	5	Hailstorm 1-2" diameter hail damaged houses, corn and soybeans. Wind damage 20%.	
8N Lucas, Lucas County	2	p.m.			0	0	4	0	Windstorm	Cleghorn, Cherokee County	26	10:00 a			1	0	0	0	Lightning 27 year old man struck while working near metal tool shed.
NE Mahaska County	3	3:00 p			0	0	5	4	Windstorm	NE Newton & NW Center Twps., Winnebago County	26	10:50 a			0	0	4	5	Hailstorm Pea to marble size hail did extensive damage to corn and soybeans - insurance estimated 30% loss, some wind damage (20%).
Rural What Cheer, Keokuk County	3	3:30 p			0	0	4	0	Lightning	Winfield, Henry County	26	10:15 p			0	0	4	4	Hailstorm 2 inch diameter.
3NNE Carroll, Carroll County	3	3:35 p			0	0	0	0	Tornado	Rembrandt, Buena Vista County	27	4:00 a			0	0	4	0	Lightning Rural three story home burned to ground.
7E Albia, Monroe County	3	4:15 p			0	0	4	0	Lightning	Kamrar to Ellsworth, Hamilton County	27	Night	6	2	0	0	0	6	Hailstorm 8,000 acres of corn and soybeans destroyed, \$1,000,000 damage - looked like picker had gone through fields.
Mt. Ayr, Ringgold County	3	7:45 p							Funnel	<b>KANSAS</b> Shawnee County	1	aftn			0	0	5	0	Lightning Lightning ignited an unoccupied home in Topeka causing considerable fire damage.
Davis County	3	9:00 p			0	0	4	4	Heavy rains Bridges and roads suffered considerable damage and creeks went out of bank when more than 5" rain fell in short period of time.	Geary, Riley, Wabau- nsee, Pottawatomie, Jackson, Brown, and Shawnee County	3	7:00p- 10:00p			0	0	5	4	Wind, Hail Severe thunderstorms moved from west to east across the area, producing local damaging winds and hail, with the most serious damage spotted along the Kansas River from Junction City to Manhattan to Topeka. Several mobile homes were moved from their foundations or overturned and considerable utility line damage occurred between Junction City and Manhattan. One aircraft was totally destroyed on the ground at Topeka Municipal Airport.
Ft. Dodge, Webster County	3	9:30 p							Funnel	Labette County	14	6:30p			0	0	4	0	Wind Strong damaging winds destroyed nine wooden towers owned by the Kansas Gas & Electric Company, near Dennis, and caused considerable damage to some farm outbuildings in the area.
Moulton, Appanoose County	3	10:15 p			0	0	5	5	Heavy rains Unofficial 7 1/2" rain sent creeks out of banks, flooded farm land, took out bridges and washed away several cars - woman and 2 daughters were saved through flood water on ropes.	Seward, Meade, Clark, & Comanche Counties	24	9:00p-MID			0	4	6	4	Wind A line of thunderstorms moving from northwest to southeast caused winds estimated at 75-100 mph. Damage at Liberal Airport estimated 1,100,000 dollars to buildings and aircraft. Local damage also occurred to buildings, utility lines, trees, and crops elsewhere.
Olin, Jones County	10	4-5 p			0	0	4	4	Heavy rains 4 1/2" rain, soil erosion and crop damage.										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>KANSAS (continued)</b>									
West Kearny, West Grant, and Northwest Stevens Counties	31	5-7p	60	3-6 miles			4	6	Wind, Hail
Hail occurred over much of the area and covered the ground at many locations. Pea to marble size hail was common, but ranged up to golf ball size. Corn and milo damage ranged from minor to total. Some wind damage to buildings and to the airport hanger at Johnson.									
<b>KENTUCKY</b>									
Central and Eastern	7	Evening			0	0	5	C	Wind, hail
Hail and strong winds caused extensive damage to homes, buildings, trees and crops.									
Central and Western	9	Afternoon			0	1	5	C	Wind, hail
Scattered heavy thunderstorms produced strong winds and hail which, in turn, caused extensive property and crop damage. One person was injured in a mobile home that was severely damaged in Heade County.									
Kentucky Lake	10	Evening			0	0	5	0	Wind
Strong winds sank boats and caused extensive damage to the Kentucky Dam Marina.									
Trimble and Hart Counties, and South Central Kentucky	15	Afternoon			0	0	5	0	Rain, hail, wind
Strong thunderstorms produced heavy electrical activity, wind, hail and rain. Several mobile homes were destroyed; at least two dozen cattle were killed by lightning; numerous homes and other buildings suffered extensive damage.									
Henry County	20	Afternoon 1:30 pm			0	0	5	C	Hail, rain, flash-flood
A heavy rain and hail storm caused flash-floods and destroyed several tobacco crops. Water rose rapidly in the Little Kentucky River and was three feet deep in some homes in a matter of minutes.									
<b>LOUISIANA</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>MAINE</b>									
SEE END OF TABLE									
<b>MARYLAND &amp; D.C.</b>									
Allegany County	4								Flash Flooding
Spring Lick and Crabtree Creek overflowed and washed out 1-1/2 miles of the Spring Lick Road.									
Severna Park	5	Afternoon					4		Lightning
Lightning caused a fire which did \$25,000.00 damage to a home									
Baltimore to Joppatowns	6	Evening							Thunderstorm
The downpour from the thunderstorm flooded streets, yards and snagged traffic, caused power outages and set approximately 20 dumpsters afire.									
Port Deposit	10	Late afternoon			0	4			Severe Thunderstorm
The thunderstorm moved through Cecil County causing heaviest damage to a mobile home park 2 miles northeast of Port Deposit. Three mobile homes were destroyed and 3 damaged, none was tied down. Three trailer trucks crossing a bridge over the Susquehanna River were blown over and reported damaged by hail. One police car was blown off the highway. A lightning-caused fire burned down a barn.									
Reliance	10	Late afternoon							Severe Thunderstorm
This storm destroyed 1 mobile home, damaged 6 others, tore the roof off a barn, uprooted trees and caused power failures.									
Salisbury	16	Early morning							Lightning
Lightning caused minor damage to 2 homes, but destroyed an upholstery shop.									
Gahamtown	17	Afternoon							Flash Flooding
A thunderstorm with heavy rain caused Georges Creek in Allegany County to overflow. The rush of water damaged a new home, flooded numerous basements and flooded some roads. Lightning damaged 1 home.									
Elkton	18	Before midnight					4		Lightning
Lightning set fire to a mobile home, gutted it and caused fire damage to 3 adjacent mobile homes.									
<b>MARYLAND &amp; D.C. (continued)</b>									
Allegany County	28	Afternoon							Thunderstorm
This storm caused flooding of Dry Run which caused about 20 basements to be flooded at Bowman's addition. Lightning hit a radio transmitting tower and transformer.									
Western Maryland	29	Evening			0	2			Thunderstorm, wind and lightning
A squall line swept through Allegany, Washington and Frederick Counties causing extensive power outages to about 5000 people. Lightning hit a church steeple, caused 1 barn to burn down and injured 2 people.									
Prince Georges County	29	Evening							Thunderstorm, wind
Thunderstorms moved through the Metropolitan area uprooting trees and causing power failures in Cheverly and Berwyn.									
<b>DISTRICT OF COLUMBIA</b>									
	29	9:30 p EST						4	Thunderstorm
This thunderstorm dropped .88 inches of rain in an hour, knocked out power lines and downed trees. The associated lightning damaged one home.									
<b>MASSACHUSETTS</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>MICHIGAN</b>									
Marquette, Marquette Co.	2	12.25a.					3		Wind
Coast Guard station and ships in harbor reported gusts to 80 mph. Trees and power lines down, windows broken. 2 cars destroyed. Roads washed out.									
White Cloud, Newaygo Co.	2	7a.						4	Lightning
House destroyed by fire.									
Mulliken, Eaton Co.	2	11.20a.						4	Thunderstorm
House unroofed. Mobile home turned over. Trees and wires down.									
Warren, Macomb Co.	2	11.59a.						4	Lightning
Factory and house set afire.									
Kalkaska to Crawford Lake, Kalkaska Co.	3	1.30-1.35a.	5	35	0	0	3		Tornado
Funnel cloud appeared at north edge of Kalkaska, may have touched down briefly. Boats and camper tops picked up and dropped on U.S. 131. Funnel moved east south-eastward at tree top level. Roaring noise heard near Aller Rd. Clump of poplar trees torn from ground and carried 1/2 mile to Rosenberg Rd. Path of destruction 200 x 100' at north end of Crawford Lake.									
Northern Lower Peninsula, north of Ludington and Standish	3	evening						5	Thunderstorms, Flash Floods
Many roads washed out. Buildings damaged and flooded. Several minor fires set by lightning. Seven cattle killed by lightning in Ogemaw Co.									
5 S East Jordan Antrim and Otsego Counties	3	9.15p.	15		0	2	5		Tornado
Touched down near M56. Skipped through woods, continuous swath several miles west of Elmira. Two girls injured when chicken house carried 100 ft. through air. Industrial building at U.S. 181 and M32 destroyed and both highways covered by debris. Other small buildings destroyed. 350 acres of trees destroyed along track east of Elmira.									
Southern Lower Michigan, south of Kalamazoo and Midland.	4	10a-4p			1	11	6	C	Thunderstorms
Man drowned when canoe capsized on Kent Lake. Two persons injured in overturned mobile home near Saginaw, and one in a similar event near Pigeon. Man injured when tree fell on mobile home, and woman injured by falling pole in Adrian. Baby burned when barbecue grill blew over in Union Lake. Man cut by flying glass at Royal Oak. Four persons injured near Belleville when trees fell on moving cars. Many cars, houses, and other buildings damaged by falling trees. 14 boats capsized on Saginaw Bay. Fairground arena at Goodells destroyed. Small aircraft torn from moorings and destroyed at Bad Ave. Tornadoes and funnel clouds listed below are part of this storm.									
1SW Charlotte to Pottersville, Eaton Co.	4	12.08p.	8		0	1	5		Tornado
Motorcyclist injured by falling limb in Charlotte. Many trees down. Houses damaged. Large grain storage bin on Otto Road destroyed. Silos on Vermontville Road unroofed, ventilator carried on mile through air. Two funnels observed. Whistling noise heard.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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					KILLED	INURED	PROPERTY	CROPS		
MICHIGAN (continued)										
Reading, Hillsdale Co.	4	12.20p.								Funnel Cloud
Observed by four persons, moving northeastward.										
3 S Owendale to 4 S Owendale, Huron Co.	4	2p.	5		0	0	4			Tornado
Several barns destroyed. Many trees down. Block building at Owendale Speedway exploded.										
3 E Caro, Tuscola Co.	4	2.05p.			0	0	3			Tornado
Funnel cloud seen over woods, touched down in clearing, demolishing unoccupied mobile home, damaging house and fences.										
Near Inlay City, Lapeer Co.	4	2.15p.								Funnel Cloud
Sighted and indicated by radar.										
Vulcan Dickinson Co.	13	11.40p.					4			Lightning
Office building and gift shop destroyed by fire.										
Escanaba, Delta Co.	14	1.15a.	6	25	0	0	4	C		Tornado
Funnel observed. Downtown store fronts blown out. Trees blocking roads. Trailers and boats overturned. Moved across Little Bay De Noc and left path through trees on Peninsula Point. 98 m.p.h. gust measured in harbor. Funnel may have been aloft while over city.										
Mecosta Co.	14	2-3a.								Funnel Cloud.
Trees down in vicinity.										
Crystal Lake, Antrim Co.	14	3.15a.								Funnel Cloud.
Mobile home damaged by wind and rain. Trees down in Antrim, Leelanau, Emmet and Otsego Counties.										
4 SE Sylvester Mecosta Co.	14	2 p.	1.5		0	0	3			Tornado
Chicken coop picked up and turned around three times. Two houses and outbuildings damaged. Trees torn out of ground and lifted.										
3 NW Utica, Macomb Co.	14	3.45 p.								Funnel Cloud.
Farmington, Oakland Co.	14	3.45p.								Funnel Cloud.
New Haven, Macomb Co.	14	4 p.			0	0	2			Tornado
Touched down briefly at Gratiot and New Haven Road. Windows exploded from building. Shed, camper, and implements picked up and spun around.										
1 SE Plymouth, Wayne Co.	14	4.08p.	1.5		0	0	5			Tornado
Touched down in Deer Creek apartment complex on Lilley Road south of Joy Road, moved eastward across Haegerty Road. 23 buildings in 3 apartment complexes damaged. Windows blown out of six houses. Chimneys and TV antennas torn from 100 houses.										
3 1/2 W Mt. Clemons, Howard Co.	14	4.20p.	1/2		0	0	3			Tornado.
House damaged and trees uprooted north of 17 Mile Road and Garfield Road. Swimming pool emptied of water.										
2 NW Davison, Genesee Co.	14	4.22p.	1	35	0	0	5			Tornado
Touched down on Potter Road just east of Irish Road, moved southsoutheastward. Seven houses destroyed, 50 damaged. Mobile home carried 100 yards and wrapped around corner of house.										
Pontiac, Oakland Co.	14	4.23p.			0	0	4			Tornado
Touched down near southwest corner of city. Roofs damaged and windows exploded in two houses. Aluminum siding peeled off side of house. Trees down. Funnel aloft had been sighted earlier at Pontiac Airport.										
1 E Romeo to Ray Center, Macomb Co.	14	4.45p.	6							Funnel Cloud
Possible brief touchdown. Trees uprooted along 29 Mile Rd. just east of Ray Center.										
2 NE Richmond to 1 S Adair, St. Clair Co.	14	4.53p.	6							Funnel Cloud
Possible brief touchdown. Trees down south of Adair.										
Detroit, Wayne Co.	14	6.13p.								Funnel Cloud
Sighted at Iverrois and Kopernick.										
Lee and Clarence Townships, Calhoun Co.	19	5-5.15p.					5	C		Thunderstorm
Three mobile homes, not on blocks, overturned by high winds. Barr collapsed. 12 cows killed.										
MICHIGAN (continued)										
15 WNW South Haven, Lake Michigan	22	8.19p.								Waterspout
Reported by aircraft.										
Stambaugh and Iron River, Iron Co.	26	3.45p.								Hail
Hailstones 3/4 inch.										
4 SE Sault Ste. Marie, Chippewa Co.	26	8.15p.								Hail
Hailstones 3/4 inch.										
Golden Twp. to Walkerville, Oceana Co.	26		25	500			0	C		Hail
Apples, peaches and other crops severely damaged.										
Hudsonville, Ottawa Co.	28	11.30p.	1	200-1000			0	C		Hail
Hailstones 1 to 1 1/4 inch.										
Lakeview, Montcalm Co.	28	11.30p.					4	C		Thunderstorm
Supermarket damaged. Much tree damage and minor damage to houses.										
5 1/2 N Charlotte, Eaton Co.	29	1.15a.					4			Lightning
Barn and contents, including 15 calves, 2 tractors, and other equipment, destroyed.										
Battle Creek, Calhoun Co.	29	1.30a			0	1	3			Lightning
Woman sleeping in house set afire suffered smoke inhalation.										
Ferndale, Oakland Co.	29	4a.					4			Lightning
House destroyed by fire.										
MINNESOTA										
NO STORM DATA REPORT RECEIVED FOR THIS STATE										
MISSISSIPPI										
Bay St. Louis, Hancock County	12	1:30 PM			0	2	3	0		Windstorm
A boy received severe cuts and a second child minor injuries from flying glass after a store front window shattered.										
Clarksdale, Coahoma County	16	12:40 PM	1/2	50	0	0	4	0		Tornado
Factory employees observed a tornado damage 3 houses. It knocked one off its foundation and ripped part of another's roof away.										
Parchman, Sunflower County	16	12:45 PM			0	0	0	0		Funnel Cloud
A funnel cloud was reported by the public near the State Prison.										
New Albany, Union County	16	9:00 PM			0	0	4	0		Wind, Lightning
The storm uprooted trees, downed utility poles and burned up 5 transformers. One house was damaged by a fallen tree limb.										
Meridian, Leuderdale County	20	Afternoon			0	1	3	0		Windstorm
A child was slightly injured when struck by an awning. Tree limbs blocked streets and broke utility lines.										
Sturgis, Oktibbeha County	20	3:30 PM			0	?	4	0		Windstorm
Strong winds destroyed two barns and rolled a mobile home, slightly injuring the occupants.										
Prentiss, Alcorn, Tippah Union, Pontotoc and Lee Counties	22	7:30 PM 8:30 PM			0	0	4	0		Wind, Lightning
A line of thunderstorms moved into NE Mississippi uprooting trees which knocked down utility lines and damaged some houses. Two mobile homes were blown off their foundations 3 miles NE of Tupelo. Frequent lightning started 8 house fires in Corinth completely destroying one.										



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MISSISSIPPI (continued)</b>									
Harrison, and George Counties	23	1:15 PM 2:40 PM			0	4	0	0	Wind, Lightning
A mobile home in NW Harrison County was destroyed when it was turned over by strong winds; and another in Lucedale burned after being struck by lightning.									
Enterprise, Lincoln County	24	3:20 PM			0	0	3	0	Windstorm
A tractor, truck, and metal shed were damaged by fallen trees.									
Enid, Tallahatchie County	25	Evening			0	0	4	0	Lightning
A house was destroyed when it was struck by lightning.									
Greenville, Washington County	26	1:30 AM			0	0	4	0	Windstorm
Strong winds smashed a fiberglass greenhouse and barn. Between 5000 and 8000 dollars worth of damage was done to an apartment building when roofing was blown off, windows smashed and a 200 Ft. T.V. antenna toppled, crashing into 2 parked cars. An adjacent shed was destroyed.									
Jackson, Pearl River and Jones Counties	30	1:40 PM 5:40 PM			0	0	4	0	Wind, Lightning
Strong winds broke windows and caved in a section of the Laurel City Hall roof causing \$800 damage. A lightning-caused fire did \$12,000 total damage to a house in Mies Point. Estimated 60 MPH winds broke a Pkayune store front window.									
McComb, Pike County	30	3:02 PM			0	0	3	0	Severe Thunderstorm
A severe thunderstorm with 3/4" hail downed trees interrupting electrical service up to 5 hours in some parts of the city.									
<b>MISSOURI</b>									
El Dorado Springs & Cedar County	3	1a	?	?	0	0	?	?	Sev. Thunderstorm
The Highway Patrol reported several trees were blown down.									
Unionville, Adair Co.	3	5p			0	0	?	?	Flash Flood
Flash flooding followed 6.27 inches of rain.									
St. Joseph, Andrew County	3	8p	?	?	0	0	?	?	Sev. Windstorm
Winds of 69 miles per hour recorded at Rosecrans Field caused widespread wire and tree damage.									
Gallatin, Davies Co.	3	2a	?	?	0	0	?	?	Sev. Thunderstorm
Winds of 70 to 80 miles per hour, lightning and excessive precipitation caused damage.									
Trenton, Grundy Co.	3	?	?	?	0	0	4	0	Sev. Thunderstorm
Heavy rains totaling 5.5 inches caused flash flooding. High wind and lightning damage were widespread.									
West Plains SE, Howell County	8	E8p			1	0	0	0	Lightning
St. Louis, St. Louis County	9	6:45p			0	0	?	0	Hail
Golfball sized hail reported in South St. Louis.									
Gordonville, Cape Girardeau County	11	8p	?	?	0	0	5	?	Sev. Thunderstorm
Intense lightning caused three separate fires destroying 25 calves, thousands of bales of hay, corn, etc.									
Candenton, Morgan Co.	15	2a	?	?	0	0	4	0	Sev. Thunderstorm
A boat dock was overturned and destroyed.									
Ellington, Reynolds County	21	11:45a	?	?	0	0	?	0	Sev. Thunderstorm
Several trees were blown down.									
West Plains, Howell County	21	2p	?	?	0	0	4	0	Sev. Thunderstorm
Tornado-like winds from the northeast destroyed a small building and caused wire and tree damage.									
St. Charles, St. Charles County	28	?	?	?	0	0	3	0	Sev. Thunderstorm
Severe lightning damaged buildings and trees and started several fires.									
<b>MONTANA</b>									
Valley, Daniels, Sheridan, Roosevelt, Phillips, and Garfield Counties	5, 6, 7				0	0	5	5	Wind and Hail
\$200,000 damage to crops and buildings									
Liberty, Hill, Blaine, Choteau, and Fergus, and Judith Basin	8, 9				0	0	0	5	Wind and Hail
\$100,000 damage to props									
<b>NEBRASKA</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>NEVADA</b>									
LAS VEGAS	20	2200PMT			0	0	5		THUNDERSTORM
Trees and power lines down disrupting power and telephone service. Winds reached 53mph at McCarran International Airport and 67mph at Nellis Air Force Base, near Las Vegas. Local flooding in Las Vegas area.									
LAS VEGAS	25	1600PMT			0	0	5		THUNDERSTORM
Flash flooding locally in the Las Vegas area. Power lines down and telephone service disrupted.									
<b>NEW HAMPSHIRE</b>									
Lancaster, Coos County	1	1:00 am			0	0	4	0	Thunderstorms, Lightning
Violent storm with heavy rain and unusually severe electrical display. Set two fires. Scattered furniture around in a house and an adjacent barn, "as if a bear had been on a rampage." Shattered windows. Shattered trees so it was difficult to tell how many were destroyed. Flowed furrows in the ground. Tossed a large rock 50 feet through a screened porch and window. In the late afternoon, a heavy thunderstorm with strong winds moved through. Power and telephone lines were blown down. Cable TV was disrupted.									
Statewide	4	Late Aftn & Evening			0	0	6	0	Line of Thunderstorms
Line of severe thunderstorms moved southward through the state from 1230 to 1830 EST. Caused widespread wind damage to buildings, trees, and utility lines. Mainly in southern counties and especially in southeastern counties. Marble-size hail reported at Strafford. Several lightning strikes caused damage and fires. Reports of funnel-like cloud at Lancaster, Coos County. Resident commented, "An apple tree's limbs entwined so that they had to be unloosed after the storm." (FPE-0, -, 0)									
Pittsburgh, Northern Coos County	9	3-5 pm			0	1	5	0	Thunderstorm
Violent thunderstorm moved from near Canada, VT, northeast across Francis, Back, and Connecticut Lakes. Path of damaging winds about one mile wide, more than 10 miles long. Heavy rain and hail reported. One person injured, heavy property damage. Radar at Brunswick indicated several intense storm cells.									
Southeastern Counties	9	Late Aftn							Thunderstorm
A group of thunderstorms moved southward across southeastern counties. Caused scattered damage to trees and utility lines. Hail reported at Rockingham. Power outage at Leonia.									
Southern	15	Noon-7 pm			0	0	4	0	Thunderstorm
Area of thunderstorms developed over the mountains and moved southward to the coast. Caused wind damage near Ossipee and Glendale near Lake Winnepesaukee. Wind estimated 60-70 mph. Hail 1/2" reported on Mt. Washington; Marble size at Tamworth covered ground. Hail reported in Rockingham.									
<b>NEW JERSEY</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>NEW MEXICO</b>									
Lea County	2	Evening			0	0	4	?	Thunderstorms, Wind
Complex of severe thunderstorms reported over nearly all parts of county during evening hours. Spotty light to moderate rain, intense lightning. Numerous reports of violent winds. Many small and medium size buildings severely damaged or demolished. Several power lines blown down.									
Albuquerque, Bernalillo County	4	Early morning			0	0	3	0	Wind
Sustained strong east wind midnight to late forenoon caused damage to many buildings, blew trees down, and caused electrical outages. Peak gust 63 mph.									
9 miles east of Lordsburg, Luna County	4	Afternoon			0	13	3	?	Duststorm
Thick dust, probably in association with a thunderstorm, caused 7-vehicle pileup on interstate highway.									
Escobosa, Bernalillo County	7	Afternoon			2	0	2	0	Flash Flood
Car stalled crossing flooded arroyo. Two women got out and were swept downstream and drowned. Water subsided rapidly after the incident.									
Philmont Scout Ranch Colfax County	12	5:30 p.			1	6	0	0	Lightning
Group of scouts and leaders gathered beneath nylon dining canopy to avoid heavy rain. Lightning strike killed one and injured six.									
Estancia, Torrance County	29	Afternoon			0	0	1	3	Hail
One to three inches of marble-size hail caused extensive crop damage and some glass breakage.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW MEXICO (continued)									
Albuquerque, Bernalillo County	31	Evening			0	0	4	?	Heavy rain, Flood
Eastern Plains	-	-					0	?	Drought
									Runoff from concentrated heavy rain on West Mesa caused considerable street washout damage and some sheet flooding in southwest valley area.
									July rains eased drought most mountain sections and western two-thirds of State. East still very dry with July precipitation from Springer to Hobbs less than 25% of normal. All dryland crops failures in this region and range grass almost non-existent.
NEW YORK COASTAL									NO STORM DATA REPORT RECEIVED FOR THIS AREA
NEW YORK CENTRAL									
Areawide	2	PM							Thunderstorms
	3	AM			0	0	7	°C	Thunderstorms
									Thunderstorms formed along a stationary front Tuesday night and continued into Wednesday morning resulting in numerous reports of flooding downed trees and powerlines, and structural damage. The area from the Eastern Finger Lakes through the Mohawk Valley to the Schoharie Valley was hardest hit, with excessive rainfall causing extensive flooding. Rainfall exceeded 4" in 12 hours at many reporting stations in this area. Governor Wilson requested disaster aid for Oneida, Onondaga, Herkimer, Schoharie, Chenango and Otsego Counties, where an estimated \$3.5 million dollars damage occurred.
Eastern Southern Tier									
Catskills	3	PM			0	0	5	°C	Thunderstorms
									Scattered thunderstorms developed across the area about 5 PM in Otsego County. The Cooperstown-Westville Airport received considerable structural damage to hangars and some damage to stored aircraft. Winds at the airport unofficially reached 100 MPH. Hail about 1" in diameter was reported in this area and again about 7 PM in Broome County.
St. Lawrence Valley	9	Evening			0	0	4	°C	Thunderstorms
									Scattered thunderstorms caused downed powerlines and trees and some structural damage.
Eastern Southern Tier	14	PM			1	2	4	°C	Thunderstorms
									One person died and two were injured by lightning during an evening thunderstorm in Otsego. Otherwise scattered thunderstorms resulted in downed powerlines and trees and some structural damage.
Northeastern	18	PM							
	19	AM			0	0	4	°C	Thunderstorms
									Scattered thunderstorms caused downed powerlines and trees and some structural damage.
Southeast	28	PM			1	1	5	°C	Thunderstorms
									Numerous thunderstorms caused downed powerlines and trees, local flooding, and structural damage. In Fallsburg a mid-afternoon thunderstorm killed one golfer and injured another.
Areawide	29	PM			0	2	6	°C	Thunderstorms
									Numerous thunderstorms, accompanying a southward moving cold front, developed Monday afternoon and continued into the night. Many reports of downed trees and powerlines and structural damage were received. Local flooding occurred due to heavy rains. Highlights of these storms include:
Sacandaga Lake	29	1930	1/2	35	0	0	0	0	Tornado
									A small tornado moved across Sacandaga Lake about 7:30 PM with no significant damage.
									At Sabbath Day Point on Lake George about 8:30 PM 2 injuries resulted from flying debris and falling glass when strong winds whipped through the area.
NEW YORK WESTERN									
Cattaraugus and Chautauqua Counties	14	5-6 p			0	0	4	0	Thunderstorm
									Scattered thunderstorms caused downed power lines and several trees or tree limbs. Also in Salamanca "large and small hailstones" fell.
Genesee County near Batavia, Stafford and Alexander	21	6-10 a				1	unk	unk	Thunderstorm
									Heavy rain from a thunderstorm caused flooding of low lying areas and areas with poor drainage. Storm sewers could not handle the runoff. A few motorists had to be rescued when their cars became bogged down. One person was injured by a lightning strike.
NEW YORK WESTERN (continued)									
Erle, Chautauqua, Orleans, and Wayne Counties	29	afternoon			0	3	unk	unk	Thunderstorms
									Several severe thunderstorms caused damages to trees, barns, and buildings. Large hail caused much damage to crops in Wayne County. Strong winds damaged many trees and grape trellises in Chautauqua County. Several camping trailers and tents near Dunkirk were damaged by wind and falling trees. Three people were injured when falling branches or trees hit them in the camping area. Near Glenwood in Erie County winds damaged a mobile home and several hundred trees. In Orleans County lightning caused three fires. One destroyed a barn.
NORTH CAROLINA									
Scotland County	19	late aftn			1	2			Lightning
									A 20 year old man was killed and 2 small children injured in Laurinburg.
Surry County	20	late aftn						4	Hailstorm
									Hail storms damaged crops, mostly tobacco, in the Elkin, Zephyr, and Mount Airy areas.
Union, Montgomery and Moore Counties	21	early morning						5	Hailstorm
									Hailstorm damaged crops over a large area in early morning 5 to 8 a.m. Total damage near \$75,000. Tobacco and soybeans hit hardest.
Davidson County	26	aftn						4	Windstorm
									Thunderstorms with strong winds damaged several mobile homes and out buildings to the extent of \$20,000 in the area west of Rockwell.
Union County	27	aftn				1			Local flooding
									A 4 year old drowned in flooded drainage ditch in the western part of the county.
Orange County	29	early aftn						4	Hailstorm
									A hailstorm hit the northeast corner of county near Rougemont damaging \$12,500 of tobacco crops.
Fort Bragg	30	Evening						4	Windstorm
									Thunderstorm with strong winds damaged utilities and other property to extent of \$28,350.
Lumberton	31	Aftn						5	Thunderstorm
									Strong winds and hail reported in Lumberton. Radio tower blown down and other buildings damaged.
Sampson County	31	Aftn						4	Hailstorm
									Hail damaged \$40,000 of tobacco crop in SE part of county.
NORTH DAKOTA									
SE McLeod	1	8:40 pm			0	0	3	3	Thunderstorm
									A thunderstorm with high winds tore limbs from trees and raised a cloud of dust. No rain fell during the high winds.
Grand Forks	5	8:00 pm			0	0	3	2	Hail
									Hail stones up to 1 inch in diameter were accompanied by strong gusty winds.
Petersburg	5	8:50 pm			0	0	2	3	Hail, funnel
									Hail stones 3/4 inch in diameter and a funnel cloud were reported in the vicinity of Petersburg.
Nelson County	6	Evening			0	0	2	3	Hail
									A cloud seeding aircraft encountered hail stones as large as 1-3/4 inch in diameter.
Wimbledon	6	Evening							Funnel
									The funnel was spotted by the Barnes County Sheriff's Department.
Cooperstown	7	8:00 pm			0	0	3	2	Thunderstorm
									High winds in a thunderstorm broke off tree trunks 16 inches in diameter.
Shields	7	?			1	0	0	0	Lightning
									A man was struck and killed by lightning while working in a hay field.
Northwest North Dakota	8	Early am			0	0	5	4	Thunderstorms
									A solid line of thunderstorms swept eastward thru northwestern North Dakota in the early morning hours. High winds caused much damage, especially at Williston. Wind gusts to 65 mph at the Williston airport tore two twin engine aircraft loose from their moorings and blew them into parked aircraft. Also at Williston trees were uprooted, power lines downed and pickup campers were blown from mountings.

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JULY 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH DAKOTA (continued)</b>									
6SE Tioga	11	4:30 pm			0	0	3	0	Tornado, funnels
		The tornado struck 2 abandoned farmsteads uprooting trees and destroying sheds. An observer saw boards and debris flying high in the air. Another person in Tioga observed 2 funnels.							
Center	11	7:00 pm			0	0	3	4	Hail, funnels
		Several funnels and golf ball size hail were reported in some very dark thunderstorms.							
SW Mandan	11	7:50 pm	?	?	0	0	3	0	Tornado
		An apparent small tornado took part of a roof off a house about 5 miles west of Mandan. No other damage in the area.							
Bismarck	11	7:53 pm							Funnel
		The funnel cloud was sighted by personnel at the National Weather Service Forecast Office.							
SSSE Churches Ferry	11	9:30 pm	?	?	0	0	0	0	Tornado
		A farmer observed a tornado on the ground in an open field.							
3W New Rockford	11	9:55 pm	?	?	0	0	4	0	Tornado
		The tornado hit the Eugene Massey farm destroying a barn and a shed. The tornado then moved eastward towards New Rockford and dissipated.							
2E Devils Lake	11	10:00 pm	?	?	0	0	0	0	Tornado
		The State Highway Patrol reported a tornado on the ground in open country. No damage.							
Vicinity Devils Lake	11	10:00 pm							Funnels
		Numerous funnels were sighted over the waters of Devils Lake and the adjacent shoreline.							
Strasburg	11	10:05 pm	?	?	0	0	0	0	Tornado
		The Strasburg Police Department observed the tornado in an open field. No damage.							
10W Larimore	11	11:40 pm							Funnel
7N Hannaford	11	11:53 pm							Funnel
5E Bismarck	13	9:30 am			0	0	2	3	Hail
		Golf ball size hail fell from a thunderstorm.							
10N Galesburg	13	12:30 pm							Funnels
		An aviator sighted 2 funnels.							
Cass County	13	12:30 pm			0	0	3	2	Thunderstorms.
		Wind gusts to 60 mph accompanied heavy thunderstorms.							
10S Linton	13	1:20 pm							Funnel
Lidgerwood	13	2:25 pm							2 funnels
Fairmount	13	3:25 pm	?	?	0	0	4	1	Tornado
		The tornado destroyed 5 empty grain storage bins. This tornado could have been associated with the funnel clouds over Lidgerwood 1 hour earlier.							
McLean County	15	Evening					4	5	Thunderstorm
		Hail as large as eggs and baseballs pounded an area about 5 miles wide and 4 miles long. Crop losses in this area ranged from 50 to 100 percent.							
14W Portland	20	9:00 pm							Funnel
5S Portal	20	9:40 pm							Funnel
Mayville	20	9:10 pm	?	?	0	0	5	2	Tornado
		The tornado skimmed over Mayville snapping off or uprooting trees. Also in Mayville several windows and doors were blown out with their frames twisted. From Mayville the tornado continued north-northeastward another mile causing damage to farm buildings and power poles. Heavy rain accompanied the tornado.							
Morton and Burleigh Counties	21	Evening					4	5	Thunderstorms, Hail
		Heavy small hail caused widespread crop damage and gusty winds toppled 1 barn.							
10N Fort Yates	21	7:25 pm							Funnel
<b>OHIO</b>									
Greene, Montgomery Counties	4	2:45 pm			0	0	3	0	Funnel Clouds
		Reports of four funnel clouds but no reports of major damage.							
Ottawa, Sandusky, Seneca, Erie Counties	4	3:00 pm			0	0	4 <sup>0</sup>	C	Severe Thunderstorm
		Lightning damaged houses, wind broken branches damaged cars and wind and hail damaged crops.							
Ottawa County	9	3:45 pm			0	0	4	0	Severe Thunderstorm
		Two garages and contents damaged by wind and large mobile home overturned. This storm associated with squall line which moved across Northern Ohio thru night 9-10.							
<b>OHIO (continued)</b>									
Ashtabula County	10	12:30 am			0	0	4	0	Severe Thunderstorm
		Wind damage to trees caused power outages. School roof in Kingsville Township ripped off after wind caught an eave. Heavy rains accompanying the storm did extensive water damage to inside of school.							
Central Ohio	10	2:30 pm			1	1	5	0	Severe Thunderstorm
		One killed and one injured by lightning strike on golf course in Morrow County. Extensive roof and water damage to school in Harrison County.							
Ottawa County	14	7:00 pm			0	0	4	0	Severe Thunderstorm
		Wall blown down by wind in school under construction. Wind did other damage to tree limbs.							
Stark, Portage Counties	14	10:00 pm			0	0	6	0	Severe Thunderstorm
		Wind damage to trees. Several homes and buildings struck by lightning with one lightning bolt igniting a million dollar fire, at chemical tank with resulting lethal fumes causing evacuation of 500 residence of city of Alliance. Two funnel clouds reported north of Canton-Akron area.							
Hamilton County	28	11:00 am			1	0		0	Lightning
		One boy killed by lightning bolt while walking from field to farmhouse. No other reports of damage or injuries.							
South East Ohio	28	Late afternoon			0	0	4 <sup>0</sup>	C	Severe Thunderstorm
		Wind and hail damage to trees and crops. Lightning started some fires. Damages resulted from fires and downed tree limbs.							
State	29	10:00 am			0	3	5 <sup>0</sup>	C	Severe Thunderstorm
		Lightning injured three people in Central Ohio and started several fires throughout the state. Hail reports 1/2 to 1 1/2 inch in diameter caused crop damage. Winds knocked down limbs causing property damage, heavy rains caused urban and flash flooding especially in Mansfield area. A funnel cloud was reported North-east of Zanesville.							
<b>OKLAHOMA</b>									
Miami, Ottawa County	14	6:20 p.			0	0	4	0	Wind
		Very strong wind associated with a thunderstorm produced widespread minor damage in Miami. Damage was mainly confined to uprooted trees, windows blown out, and power lines blown down.							
Near Walters, Cotton County	15	1:00 p.	1	200	0	0	4	2	Wind, Hail
		Strong winds and 1 1/2 inches diameter hail accompanied a thunderstorm as it moved southwestward about 2 miles east of Walters. The hail piled up to a depth of 3 inches. Damage was reported to a couple of barns and some trees in the area. Minor damage was reported to crops.							
Seminole, Seminole County	16	5:30 p.	5	*1	0	0	4	3	Wind, Hail
		Numerous power lines and trees were downed by very strong winds which accompanied a thunderstorm as it moved westward across the City of Seminole. Some windows were broken by marble size hail which fell with the storm.							
Near Geary, Blaine County	29	4:00 p.	1 1/2	*1/2	0	0	4	3	Wind, Rain
		Strong winds and hail hit an area about 4 miles north and 1 1/2 miles east of Geary. A mobile home was damaged extensively and several trees were uprooted in the area. The thunderstorm was moving to the north-northwest.							
<b>OREGON</b>									
Malheur County	6				0	0	0	unk	Lightning
		5 small lightning fires.							
Hood River County	8				0	0	0	unk	Rain
		Heavy rains in Hood River County caused some damage to the cherry crop, however, the cost of damage is unknown.							
Multnomah and Washington Counties	8				0	0	\$20,000	0	Rain (urban flood)
		Heavy rains caused urban flooding during which furniture warehouse was flooded. An estimated \$20,000 damage was the result. In addition, some roads washed out with an unknown cost estimate.							
Mt. Hood Forest	27				2	0	unk	unk	Lightning
		Lightning caused fires broke out in which a fire fighting helicopter was lost with its crew of 2. The cost of the loss was unknown.							
Malheur County	29				0	0	0	unk	Lightning
		A 400 acre lightning caused fire.							

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					KILLED	INJURED	PROPERTY	CROPS		
<b>OREGON (continued)</b>										
Mt. Hood Forest	29				0	0	0	\$300,000	Lightning	Two million board feet of timber lost. The cost of the timber was assessed at \$300,000. Lightning caused fire.
<b>PACIFIC</b>										
NONE REPORTED										
<b>PENNSYLVANIA EASTERN</b>										
Wayne County	3	Evening			0	0	4	4	Electrical, Wind	Many tree limbs down, power and telephone lines down. Houses damaged by falling trees. 4 cows killed by lightning near Pleasant Mount.
Delaware, Philadelphia Counties	5	2-5 PM EDT			0	8	4	0	Wind, Electrical	Strong winds associated with thunderstorms downed trees damaging automobiles and pulling down power lines. Winds gusted to 55 mph at Philadelphia International Airport. Lightning strikes also damaged some buildings and caused power outages.
Union, Northumberland, Dauphin Counties	10	1-6 PM EDT			0	0	4	0	Wind, Electrical, Hail	Strong winds downed trees and power lines along with lightning strikes, mostly in the northern end of Union and Northumberland Counties. Golf ball size was reported at Lykens in Dauphin County.
Montgomery, Bucks Counties	18-19	11 PM-1 AM EDT			0	0	5	0	Electrical, Wind	Thunderstorms moving across the counties produced many lightning strikes hitting trees, power lines and buildings. One barn was destroyed. Wind combined with the lightning strikes to down trees and tree limbs causing many power outages.
Schuylkill County	19	1-2 AM EDT			0	0	5	0	Electrical, Wind	Thunderstorms moving across the county produced lightning strikes and minor wind damage. Lightning caused a fire that destroyed a barn containing farm machinery.
Bradford, Lackawanna, Snyder, Carbon Counties	28	Evening			1	3	4	0	Wind, Hail, Heavy Rain, Electrical	Thunderstorms over Eastern Pennsylvania produced strong winds in Bradford, Lackawanna, Carbon and Snyder Counties with trees and tree limbs downed causing power outages. Large hail and heavy rain in the Durell area of Snyder County caused crop damage. The heavy rain in this area also resulted in one bridge being washed out. One death and three injuries were reported as a result of lightning strikes.
Centre, Mifflin, Fulton, Franklin, Adams, York, Cumberland, Dauphin, Lebanon, Lancaster, Montour, Columbia, Schuylkill, Luzerne, Carbon, Lackawanna, Potter Counties	29	4-11 PM EDT			0	3	6	5	Wind, Hail, Heavy Rain, Electrical	Thunderstorms moved across Eastern Pennsylvania causing damage in many counties. Strong gusty winds damaged many buildings with a large amount of roof damage. Winds downed many trees and tree limbs which combined with lightning strikes to cause power outage to over 50,000 customers. Lightning strikes also caused a number of building fires, and injuries. Heavy rain accompanying the thunderstorms caused flooding of roadways and buildings. Hail was reported in Centre, Franklin and Schuylkill Counties with sizes ranging to one-half inch, egg size, ice cube size and walnut size.
Fayetteville, Franklin County	29	9 PM EDT			0	0	4	0	Tornado FPP 1-1	Tornado tore off portion of a store roof and damaged a mobile home.
North Coudersport, Potter County	29	5 PM EDT			0	3	4	0	Tornado FPP 101	Tornado broke off and uprooted trees, destroyed a mobile home and pulled roof shingles off houses.
<b>PENNSYLVANIA WESTERN</b>										
Western Pennsylvania, especially Allegheny, Armstrong, Beaver, Butler, Cambria, Crawford, Erie, Greene, Mercer, Venango, Warren and Westmoreland counties	6/30-7/1	During night			0	?	7	6	Electrical, heavy rain, strong wind, lightning, hail	A series of severe storms moved across Western Pennsylvania during the night, causing flash flooding in many small streams, washed-out hillsides, sewer flooding. Water was reported in many basements and over highways. Gardens were washed out, and in the northern counties, many crops were severely damaged by hailstones 3/4 - 1 inch in diameter. Lightning set off fires in Armstrong, Erie and Cambria counties. Trees were down and power and phone outages were the general rule over all of Western Pennsylvania. Many roofs were blown off and mobile homes were damaged. An unconfirmed tornado was reported at Edinboro.
<b>PENNSYLVANIA WESTERN (continued)</b>										
Northwestern Pennsylvania, Clarion, Crawford, Erie, Forest and Venango counties.	2	4:30 p	15-20	2 mi.	0	0	5	4	Thunderstorm, wind possible tornado	Wind levelled at least 5 hunting camps near Marienville. Several horses and barns hit by lightning with minor fire damage resulting in Forest and Clarion counties. Trees and power lines down from wind. Roofs were blown off a number of houses and other buildings. Description given by one resident of wind storm, which travelled north and northwest... "The skies first became black. Then they started to lighten up some. They then became a bluish yellow and there looked like smoke in the air. The smoke seemed to be ripping around like a huge fan was blowing it. Then came the roar and everything was tossed around." 3 cows were killed when lightning struck the tree under which they were standing.
Allegheny, Erie, Washington and Westmoreland counties	10	2-3 p.			2	?	5	4	Electrical, heavy rain, wind and lightning.	Small streams flooded in Allegheny, Westmoreland and Washington counties after heavy rain. Highways were flooded and landslides and mine tunnel collapses were reported. Some skidding accidents occurred. Phone lines and power lines were downed by the wind. Several skidding accidents occurred on the wet roads. One man died of a heart attack while cleaning up the mud on the roads and another was struck by lightning.
Warren and McKean counties	14				0	0	4	4	Electrical, heavy rain, wind, hail	Mobile homes capsized by wind, one struck by lightning. Trees and wires down causing power outages.
Beaver, Lawrence and Westmoreland counties	28	3-7 p.			2	8	4	4	Electrical, heavy rain, lightning	Many power failures, trees downed. Some hail in Center Township, Allegheny and the eastern portion of Pittsburgh. Plate glass windows broken in New Castle. Two persons killed and three others critically injured when their car struck a bridge abutment on rain-slicked Highway Pa. 66 and a 3-vehicle chair collision on the Pennsylvania Turnpike near Monroeville caused injuries to 5 persons.
Washington county	29	Early afternoon			0	0	5	4	Electrical and wind	Trees and lines down. Several fires from lightning, including 2 barns one of which contained 2 heifers and 1 registered bull plus hay and machinery completely destroyed. Possible tornado in Beallsville where several roofs were torn off, trees uprooted, windows broken and live power wires downed.
<b>PUERTO RICO</b>										
NONE REPORTED										
<b>RHODE ISLAND</b>										
NO STORM DATA REPORT RECEIVED FOR THIS STATE										
<b>SOUTH CAROLINA</b>										
Central & Southern S. C.	16	P.M.			0	0	4	4	Wind, hail	Severe thunderstorms at Benberg about 6 P.M. demolished a mobile home, utilities and trees at Benberg. Hail up to one inch in diameter caused considerable crop damage near Benberg, Lake City, Denmark and Lexington.
Charleston, Lexington, Richland, Georgetown and Horry Counties	21	11AM-3PM			0	0	5	4	Wind, hail, flooding	A southward moving squall line passed across the state, caused considerable wind damage, including several mobile homes 4 mi. south of Columbia, several large farm buildings 10 mi. east of Columbia, also minor damage in Elgin. Strong wind and tides 1 to 2 feet above normal caused some beach erosion and minor damage along coast in Folly Beach, Georgetown and Myrtle Beach area.
<b>SOUTH DAKOTA</b>										
Edmond County	1	7:40 PM			0	0	4	4	Large Hail	Public reported golf ball to hen egg sized hail 4 1/2 miles north of Minn. Windows in several buildings were broken.
McPherson County	1	7:10 PM			0	0	4	4	Heavy Rain, Hail Wind	Police reported heavy rain with one-half inch hail and winds estimated from 40 to 30 mph occurred at Leola and Long Lake. Some damage to crops and property were reported in these areas.
Faulk County	1	9:30 PM			0	0	3	3	Hail	Residents in Cresbard reported one-half inch hail.
Coddington County	1	11:30 PM			0	0	4	3	High Winds	Winds gusted to 65 mph at the Watertown Airport. In South Shore, a trailer home was overturned and a wall of a building was blown in. Both of these occurred at approximately midnight.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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		
<b>SOUTH DAKOTA (continued)</b>										<b>SOUTH DAKOTA (continued)</b>										
Moody County	2	1:15 AM				2	2		High Winds	Brown County	16	8:00 PM			0	0	4	4	High Winds	
		High winds and a suspected funnel broke some windows in the Flandreau area.							some trees, a truck and damaged buildings and crops in the vicinity of Aberdeen.	Potter County	21	9:00 PM			0	0	4	4	Hail and Wind	
Bennett County	2	5:00 - 6:30 PM	45	10*	0	0	4	5	Large Hail, High Winds	Campbell County	21	8:00 PM			0	0	0	4	High Winds	
		A line of thunderstorms moved eastward across the county. Baseball sized hail damaged cars and buildings in Vetal. Large hail and strong winds damaged crops 19 miles east of Martin. Three-quarter inch hail was observed just south of Tut Hill. A tornado was reported on a ranch several miles south of Tut Hill.								Edmond County	21	9:40 PM			0	0	0	0	Funnel Cloud	
Todd County	2	7:00-8:00 PM	18	100	0	0	4	5	Tornado	Roberts County	23	Evening			0	0	4	4	Tornado, High Winds	
		*Thunderstorms from Bennett County continued their eastward track in to Todd County. A tornado was observed just south of St. Francis and apparently moved to 5 miles southeast of Olssonville. Heavy rain and some hail preceded the tornado. Damage estimates for this storm in these two counties is several million dollars.								Brookings County	24	Morning					3	0	High Winds	
East Central and North-east Counties	2	Evening					5	5	Heavy Rain, Large Hail, Strong Winds											
		A series of thunderstorms crossed this area late evening of the 3rd and continued into the early morning of the 4th. In Brule County, winds gusted to 60 mph, accompanied by heavy rain and small hail. In both Davison and McCook Counties, the winds gusted to as high as 60 mph. Several funnel clouds were reported near Carlsota. High winds were reported in Jackson County, damaging farm buildings.																		
Spink County	2	Evening							Funnel Cloud	<b>TENNESSEE</b>										
		A funnel cloud was observed in the Nulare area.								Chattanooga, Hamilton County	3	6:00 p.					4		Wind, lightning	
Minnehaha County	2	Evening					4	0	Strong Winds	Waitwell, Marion County	4	3:00 p.			1	1			Lightning	
		During the thunderstorms, winds gusted to 62 mph. A roof was torn from a trailer house just north of Sioux Falls.								Memphis, Shelby County	4	8:40 p.			1	2			Lightning.	
Brown County	3	2:30 AM			0	0	2	3	High Winds	Tullahoma, Coffee County	4	P.					4		Wind	
		Wind gusts from thunderstorms occurring at the airport at Aberdeen reached 71 mph. Trees were broken and some power lines were blown down.								Savannah, Hardin County	15	P.						5		Hail
Deuel County	3	12:30 AM			0	0			Funnel Cloud											
		Several funnel clouds were reported in the vicinity of Clear Lake and Goodwin areas.								Trenton, Gibson County	15	5:00 p.				1				Wind
Coddington County	3	Early Morning			0	0			Funnel Cloud	Knoxville, Knox County	19	1:15 p.						4		Lightning
		Several funnel clouds were sighted in the vicinity of Watertown.								Dresden, Weakley County	22	P.						4		Wind
Walworth County	6	Evening			0	0	4	0	High Winds	Jackson, Madison County	22	4:09 p.						4		Wind, lightning and hail
		Winds estimated gusting to 60 mph overturned and destroyed a trailer at Glenham.																		
Tripp County	7	Evening			0	0	4	0	High Winds	<b>TEXAS</b>										
		High winds overturned a trailer west of Winner. Winds were estimated at 80 mph.								Port Arthur Jefferson County	5	12:35 p			0	0	0	0		Hail and wind
Campbell County	7	10:00PM			0	0	4	0	High Winds											
		Farm buildings were destroyed by high winds at Herried.								Hondo Medina County	12	4:52 p			0	0	0	0		Funnel Aloft
Potter County	13	Afternoon			0	0	5	4	High Winds											
		High winds, created by thunderstorms, did considerable damage in the Hoven and Tolsty areas. A number of grain bins were demolished, trees were destroyed, windows shattered and some roofs of farm buildings were damaged.								Alice Jim Wells County	13	12:56 p			0	0	0	0		Tornado
Hand County	13	Between 4:00-5:00 PM			0	0	4	5	High Winds											
		High winds resulted in extensive losses to the harvest as grain windrows were blown apart. This occurred in the Miller and Ree Heights area.								Houston Harris County	14	3:30 p 3/4	880		0	0	6	0		Tornado
Walworth County	13	Afternoon			0	0	3	5	High Winds											
		High winds destroyed trees and windrows in Java, Selby, Glenham and Nobridge areas.																		
Kingsbury, Beadle, Spink and Brown Counties	13	Afternoon			0	0	4	5	High Winds											
		High winds in these counties damaged trees, farm buildings, grain bins and destroyed the windrows which were being harvested.																		
Faulk County	13	Afternoon							Funnel Cloud											
		Several funnel clouds were observed during the thunderstorm activity. None were observed touching the ground.																		

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>EASTERN</b>									
Houston Harris County	14	4:00 p			0	0	4	0	Wind
Wind damaged mobile home in East Houston									
Fannett Jefferson County	17	8:15 a			0	0	0	0	Funnel Aloft
Few trees damaged near Fannett by wind.									
High Island Galveston County	17	9:00 a			0	0	4	0	Lightning
Oil storage tanks fired by lightning during thunderstorm									
Orange Orange County	27	4:15 p	1	100	0	0	5	0	Tornado
Mini-storage unroofed and contents damaged by rain. Two funnels also reported in the area.									
Orange Orange County	28	5:10 p			0	0	0	0	Funnel aloft
Funnel cloud reported by radio station KOCF over Orange									
Galveston Galveston County	31	10:05 a			0	0	0	0	Waterspout
Several water spouts seen off Galveston Island									
<b>TEXAS CENTRAL</b>									
North Central Texas	1-31				0	0	?	?	Drought
Drought conditions, which began developing in Western Texas last year, reached significant proportions in North Central Texas during July. In addition to damage to crops already planted, the lack of water has slowed planting of other crops. Heavy loss was also reported to the cattle industry. In some areas, rationing was necessary as well as the trucking of water. Lake levels dropped to record lows at several locations. The drought was most severe in the western sections of North Central Texas where Bosque, Coleman, Comanche, Eastland, Erath, Falls, Jones, Haskell, Knox, Runtels, Somerville, and Taylor Counties requested disaster relief.									
Paris Lamar County	14	5:35p			0	0	3	0	Lightning strike
Lightning produced a fire which was responsible for partial destruction of one home. Several smaller fires were attributed to lightning.									
Spring Hill Navarro County	14	8:15p			0	0	3	0	Windstorm
Thunderstorm winds ripped 100 feet of roofing off a boat shed. A metal awning was blown off a mobile home. A roof and part of the walls of a concrete shed, next to the mobile home, were damaged.									
Weatherford Parker County	26	5:00am			0	0	?	0	Lightning strike
Lightning started a fire which caused heavy damage to one home.									
Tarrant County	29	Evening			0	0	?	0	Lightning Strike
Lightning struck two buildings at the Benbrook Stables. Both were destroyed by fire. Numerous power lines were downed across the County.									
Love Field Dallas County	29	Dusk			0	0	5	0	Windstorm
A DC-3 was blown into several other aircraft before finally hitting a hangar. Several other aircraft were blown about with a total of ten receiving damage. The roof of one hangar was heavily damaged.									
<b>TEXAS WESTERN</b>									
3 miles east of Whiteface, Hookley County	2	8:23P-8:27P			0	0	0	0	Funnel cloud
Funnel cloud appeared briefly. No known damage									
NE Lubbock, Lubbock County	2	9:10P-9:16P	?	?	0	0	4	0	Hail
Hail to 1 1/4" in diameter. Minor damage to homes and automobiles.									
10 miles south of Memphis, Hall County	25	6:55P			1	0	0	0	Lightening
Lightening struck and fatally injured a lady during a thunderstorm.									
<b>UTAH</b>									
NONE REPORTED									
<b>VERMONT</b>									
Central and Northern	4	Afternoon			0	0	4	°C	Thunderstorms
Scattered thunderstorms caused downed power lines and trees and some structural damage.									
Rutland	5				0	0	5	°C	Thunderstorms
Areas of flooding occurred due to heavy rains from thunderstorms									
<b>VERMONT (continued)</b>									
Northwest	9	Evening			0	0	4	°C	Thunderstorms
Scattered thunderstorms caused downed power lines and trees and some structural damage. Gusts to 52 MPH were recorded at Burlington.									
Northern	15	WEDDAY			0	0	4	°C	Thunderstorms
Scattered thunderstorms caused downed power lines and trees and some structural damage. An East Corinth mobile home was destroyed by wind.									
Central	19				0	0	4	°C	Thunderstorms
Scattered thunderstorms caused downed power lines and trees and some structural damage. Associated heavy rains caused local flooding.									
<b>VIRGINIA</b>									
Northern Neck	1	Afternoon							Thunderstorms with hail
Rain and hail did crop damage in the Fredericksburg and Stafford area and hail was reported to have stripped foliage from corn and tomatoes in the Acorn-Hague area. At Montross lightning caused fires that burnt 2 buildings and destroyed a wheat field.									
Norfolk	5								Wind
The wall of a restaurant under construction was blown down or hit by lightning. Winds at the Norfolk airport were 46 mph.									
Appalachia	5	Evening							Flash Flooding
An estimated 3 inches of rain in 45 minutes flooded the streets with 6 to 8 inches of water and caused numerous mud slides.									
Mechipongo	5	Evening	1/4	15	0	0			Tornado
The tornado touched down briefly in a wooded area, skipped over a house then dipped down again into a creek, then disappeared.									
Gladys	15								Lightning
10 cows were killed									
Roanoke	15	Evening							Thunderstorm with wind
A thunderstorm with wind gusts near 60 mph and quarter inch hail were reported at Woodrum Airport.									
Annsdale	19	Afternoon							Thunderstorm with wind
The severe thunderstorm hit the center of town with winds strong enough to break about 50 windows, overturn a camper and uproot trees.									
Tidewater	26								Heavy rain
Almost 4 inches of rain caused urban flooding in Virginia Beach and Norfolk									
Miles	26								Heavy rain
An unofficial 6.75 inches of rain fell in 23 hours. Flooding was reported along the Gloucester County roads.									
Lynchburg	26								Heavy rain
A reported 5 inches of rain caused urban and basement flooding in the city.									
Drakes Branch	26-27								Flash Flooding
6 inches of rain were reported in the 3 hours before 11 pm EDT. This caused basements and streets to flood with several inches of water in many buildings. By 1 am the waters started to recede.									
Roanoke	26								Rain
This was the 4th day in a row for urban flooding in some part of the city. Lightning caused about 30 power outages in the area.									
Manassas	29	9 p EST							Funnel Cloud
Vienna	29	9 p EST							Thunderstorm and wind
This storm struck a small residential area uprooted numerous trees and caused roof damage by a falling tree.									
Anherst County	29	Night							Hail
Golf ball sized hail caused crop damage to tobacco, corn and wheat near Gidsville, Lovesville and Mount Pleasant.									
Rockbridge County	29	Night					4		Lightning, rain
An unofficial 3 inches of rain in 75 minutes caused \$25,000 damage to secondary roads and lightning caused \$20,000 damage to electrical equipment.									

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					KILLED	INJURED	PROPERTY	CROPS	
<b>VIRGINIA (continued)</b>									
Southeastern Virginia	July								Drought
		A month long drought in the area has caused an estimated 25 to 50% corn crop loss. Largest losses are estimated to be in Suffolk, Isle of Wight and Southampton Counties.							
<b>VIRGIN ISLANDS</b>									
			NONE	REPORTED					
<b>WASHINGTON</b>									
			NONE	REPORTED					
<b>WEST VIRGINIA</b>									
Mingo, Randolph County	5	Early Afternoon					5	?	Heavy Rain, False Flooding
		Rainfall of about 6 inches in less than 2 hours. Flash flooding contaminated wells, washed out septic tanks and toilets, destroyed garages and outhouses, ruined five sections of U.S. Route 219, washed out gardens, played havoc with the first floor of all the houses it ran through and generally deposited at least one inch of mud on all ground level objects in Mingo.							
Moundsville, Marshall County	10	3:30pm					5		Thunderstorm, high winds
		Outbreak of heavy thunderstorms in northern panhandle produced considerable tree damage and local street flooding. Almost 50 percent of the roof of the activities building of local high school was ripped off by winds estimated at 80 mph.							
<b>WISCONSIN</b>									
Sheboygan County	1	1345C			0	0	3	0	Lightning
		Lightning struck a greenhouse near Oostburg causing considerable damage to the greenhouse and a pickup truck parked nearby.							
Green County	2	0030C			0	0	3	0	Lightning
		Lightning killed two cows and one calf in pasture southwest of Monroe.							
Outagamie, Brown, and Calumet Counties	2	0300-0430			0	0	5	4	Hail, lightning
		Severe hailstorm moved across the Fox River Valley causing extensive crop damage. 40-100 cars dented. Many broken windows, some roofing and siding damage. Lightning started fire that destroyed barn near New Holstein.							
Racine and Kenosha Counties	2	0800-0900			0	0	4	0	Winds, Lightning
		Lightning damaged two homes in Galedonia and Mount Pleasant. Strong winds caused considerable tree damage. Winds of 74 MPH were recorded at Kenosha Airport.							
Southern Counties	3	1600-2100			0	0	5	3	Winds, Hail, Rain, Funnel Aloft
		Severe thunderstorms caused widespread wind damage as they moved across southern Wisconsin, south of a line from Madison through Sheboygan, downing trees and power lines. Heavy rains caused flooding of streets in the Whitewater area. Hail caused some damage to crops in surrounding townships. A funnel aloft was observed in the Menomonee Falls area. Winds estimated at 60 MPH on the northwest side of Milwaukee.							
Fond du Lac, Green, Lake, Sheboygan and Waukesha Counties	9	1500-1700			0	0	5	0	Wind, Lightning
		Lightning fire destroyed barn in Ripon area. 160 young pigs were lost or had to be destroyed. Winds estimated at 50 to 60 MPH in the Pewaukee and Plymouth areas. Scattered wind damaged the area with many trees and power lines down.							
Lake Michigan	9	1500-1700C			2	0	0	0	Wind
		Two boaters were drowned when high waves capsized their boat during a thunderstorm just north of the Port Washington area on Lake Michigan.							
Northern Counties	13	2000-0000			0	0	5	?	Wind, Funnel Aloft
		Severe thunderstorms marched across northern Wisconsin causing widespread wind damage. The hardest hit areas were in Oneida, Taylor, Lincoln, Price and Forest Counties. Funnel aloft were observed near Gilllett in Oconto County and 5 east of Merrill in Lincoln County. Marble-sized hail was reported near Rhineland. Only minor crop damage reported.							
Crawford County	18	0700			0	0	4	3	Wind
		Strong winds flattened several sheds and caused widespread tree damage as a severe thunderstorm moved through the north Crawford area.							
Clark and Taylor Counties	26	1300-1500			0	0	3	5	Hail
		Golf-ball sized hail caused heavy crop damage to oats, corn and soybeans. Many gardens were ruined. Property losses consisted mainly of broken windows and roof damage.							
<b>WYOMING</b>									
Lusk 21 SE	1	6:00 p.	?	?	0	0	4		Tornado
		A small tornado struck a ranch and did damage to stock tanks, hay barn, quonset hut and trailer house.							
Casper	2	8ight time			0	0	4		High wind
		Strong gusty winds during the night blew over new construction, knocking walls down.							
Rozet	2	Afternoon			0	3	4		High wind
		Strong gusty winds associated with a thunderstorm rolled a trailer home injuring three people and destroying the home.							
Lander	3	Evening			0	0	4		High wind
		Strong gusty winds associated with a thunderstorm blew down new construction walls.							
Sheridan 35 WSW	20	8:30 p.	?	?	0	0	3		Tornado
		A small tornado touched down in a campsite causing damage to facilities and trees.							
Worland 6 SW	20	6:18 p.							Funnel aloft
		A funnel aloft was reported by public.							
Sheridan 20 W	21	7:25 p.							Funnel aloft
		A funnel aloft was reported by public.							
Cheyenne 15 NW	22	6:55 p.							Funnels aloft
		2 funnels aloft were reported by public.							
<b>MAINE</b>									
Presque Isle-Washburn Northern Arrostook County	3	2:00 pm			0	0	4	0	Thunderstorm
		Very strong winds estimated gusting to 75 mph accompanied by heavy rains. Reports of windows blown out at building in Easton. Damage to utilities and structures. One witness described the storm as having a "whirlwind" effect.							
Southwestern Counties	4	Afternoon			1	20	6	3	Line of Thunderstorms
		At 12:30 p.m. radar noted an extremely intense thunderstorm in an area of moderate thunderstorms on the Maine-New Hampshire border in Oxford County, Maine. This area of activity moved southward through southwestern Maine. The most severe of these thunderstorms crossed southern Oxford and Cumberland Counties causing severe damage to the east of Sebago Lake. This area was eventually declared eligible for disaster loans. A survey by Weather Service personnel failed to find evidence of tornado activity. However, eyewitness accounts describe waterspout phenomena over the lakes. Hail, golf ball size, and torrential rains accompanied severe winds.							
Southwestern Counties	9	Late Afternoon			0	2	3	0	Thunderstorm
		Severe thunderstorms occurred late in the afternoon over most of southwestern Maine, accompanied by strong winds, heavy rain, and hail, and unusually severe lightning. A significantly severe thunderstorm occurred in Lewiston-Auburn-Waterville area.							
Southwestern Counties Greenville, Piscataquis County, Northern Penobscot County	15	1:00 pm 7:00 pm			0	0	4	3	Thunderstorms
		Thunderstorms struck southwestern counties early in the afternoon. Heavy rain, gale force winds, hail (marble-size) reported. Extensive damage to apple orchards in York County from hail - up to golf ball size. At 7:00 pm a heavy thunderstorm, accompanied by a narrow path of damaging winds, struck Greenville. Damaged 4 aircraft, hangar doors, and house (windows blown out). Described as a twister, but no evidence of a waterspout as it moved across the lake, and no twisting damage to trees. Northern Penobscot County reported damage to prop by wind and hail.							

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

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of this type of data, it is not all-inclusive. Corrections will be carried in the June and December issues of this publication.

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