

July 1975

Volume 17

Number 7

# Storm Data



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA	SEE END OF TABLE								
ALASKA	NONE REPORTED								
ARIZONA									
Supai Village Coconino County	5	Afternoon			0	0	4	0	Rain, Flooding, Wind
	Heavy thunderstorms with wind and heavy rain tipped over some trailers and destroyed power lines.								
Chandler Heights Maricopa County	8	Afternoon			0	0	0	4	Lightning
	Lightning set fire that destroyed 300 tons of hay valued at \$21,000.								
Chandler Maricopa County	8	2:00p			0	0	4	0	Wind
	Very strong winds blow away porch and part of house and twisted supports on shed and pulled them out of concrete footing killing a cow. Estimated damage \$90,000.								
Cordes Lakes Yavapai County	8	2:00p			0	1	4	0	Wind, Rain
	Very strong winds completely demolished one double wide mobile home and did extensive wind and rain damage to another. A lady sustained two leg cuts.								
Casa Grande Area Final County	9	Night			0	1	4	0	Wind
	Very strong winds did considerable damage to a number of mobile homes. The wife of an elderly couple was hospitalized after she was thrown through a window.								
Papago Indian Res. Pima County	10	Afternoon			0	0	5	0	Wind
	Strong winds did \$100,000 damage to tribal property and private property including trailers and buildings.								
Scottsdale Maricopa County	13	Evening			0	3	4	0	Wind, Rain
	High winds gusting to 65 m.p.h. on the north side caused scattered damage while a fairly brief but intense rainfall produced localized flooding. Some roofs were torn off, sheds knocked down, trailers damaged and trees uprooted. Several persons were injured by flying glass.								
Casa Grande	13	5:00p			0	1	4	0	Wind, Rain
	Very strong winds totally destroyed three mobile homes. One of the victims suffered bad cuts on her arm and knee as she was thrown through the kitchen window as the home was overturned and split open.								
Sedona-Oak Creek Coconino County	14	4:30p			0	0	6	0	Rain, Hail, Flooding
	Intense downpour of 3.8 inches of rain with 3.5 falling in 45 minutes (unofficial amounts) caused severe flash flooding of Soldiers and Mormon Washes. Roads, houses and trailers were flooded, retaining walls, culverts and butane tanks were washed out. One car was carried 175 feet down a wash. Water was 3 to 5 feet deep in one trailer park. Water also damaged a number of shops. Damage put at \$500,000 to private property and \$10,000 to culverts and roads.								
Southeastern Maricopa County	16	Afternoon			0	3	6	5	Wind, Rain, Hail Flooding
	Severe thunderstorms battered the area with very strong winds, locally heavy rain and localized 1/2 inch hail. Hardest hit was a large supermarket in Chandler where the entire roof and a wall collapsed. Fifty employees and shoppers were evacuated safely just prior to the collapse. Damage was put at \$500,000 to building and \$175,000 to stock. Five mobile homes were demolished and a number of others damaged. There was considerable roof, shed and carport damage, uprooting of trees and flooding of streets. The almost completed framework for a 225 foot dirigible was carried 100 yards from the mooring mast and became a tangled twisted network. Two persons were injured when large plate glass windows were blown out at a restaurant. Hail damage to 100 acres of grapes put at \$75,000. Total damage to area \$935,000.								
Tucson Pima County	16	1:40p			0	0	4	0	Rain, Wind, Flooding
	A 45 minute severe thunderstorm with gale force winds and heavy rain struck the eastern half of the city and rendered many streets and roads impassable and flooded into a number of houses in the far east side. Although winds peaked at 77 m.p.h. at Davis Monahan A.F.B., they were considerably less over much of the city with only minor wind damage. Power outages were common due to lightning strikes. No one was injured but a 13 year old boy's life was threatened when he was swept through a 40 foot long culvert by raging waters before being rescued. Damage at the A.F.B. was at minimum with only wind tip damage to one aircraft.								
Tucson Pima County	17	6:00p			0	0	3	0	Wind
	Strong winds blew the roof of carport and utility room of a house into another carport 125 feet away.								
ARIZONA (continued)									
Safford Graham County	23	Afternoon			0	0	4	3	Wind
	Strong winds blew off a barn roof and twisted a work shed on its foundation. Local damage done to fruit trees.								
Tucson Pima County	24	Evening			0	0	6	0	Wind, Rain, Flooding
	The most violent thunderstorm in over a decade mauled the city for 90 minutes with winds gusting to 67 m.p.h. and heavy rain which caused city-wide damage estimated at \$2,000,000. Damage to businesses alone reached almost \$1,000,000. A commercial hangar had its roof ripped off and 10 airplanes were severely damaged, total damage \$450,000. The entire roof of a large apartment was blown off making 52 units uninhabitable and 200 persons temporarily homeless, damage \$100,000. Power lines were down at almost 100 locations as poles snapped like matchsticks, damage \$70,000. The utility company lightning counter recorded 675 discharges. Roofs were blown away from several dozen houses. Damage to trees etc. in city parks alone set at \$60,000. One furniture company reported damage at \$80,000. A number of streets were flooded with water 2 to 3 feet deep.								
Prescott Yavapai County	24	9:30p			0	1	5	0	Wind
	Strong winds damaged small buildings, signs, trees, and power lines. Damage set at \$50,000.								
Tucson Pima County	25	4:32p			0	0	4	0	Wind, Rain
	Thunderstorm with winds gusting to 60 m.p.h. and locally heavy rain battered the city for the second consecutive day. There was some street flooding but only minor wind damage.								
Yuma Yuma County	25	8:30p			0	0	5	0	Wind
	Very strong winds gusting to 58 m.p.h. raised dust with visibility near zero and broke down power lines, uprooted trees, flipped over mobile homes, ripped off roofs and completely destroyed a labor camp building.								
Safford Area Graham County	25	Afternoon			0	0	4	3	Wind
	Strong winds damaged a number of small buildings, trailers and power lines. Some damage was also done to fruit trees knocking off fruit and breaking branches.								
Kingman-Bullhead City Mohave County	26	4:50p			0	0	4	0	Rain, Flooding
	Heavy rain caused local flooding in the area. State Route 68 was closed with water 6 to 8 feet deep in some sections.								
Near Wendon Yuma County	30	Afternoon			0	0	5	0	Rain, Flooding
	Heavy rain in the Centennial Wash drainage destroyed a detention dam and dikes.								
ARKANSAS									
Tillar, Drew County	5	4:00 p.			0	0	3	0	Winds
	Strong winds generated by thunderstorms moving slowly through the area damaged several sheds at a local minnow farm.								
Gifford, Hot Spring County	7	4:07 p.	1/4	20	0	0	4	0	Tornado
	A small tornado moving toward the southeast touched down briefly and damaged several homes, a church, and several mobile homes. No injuries were reported.								
Atden, Little River County	7	4:25 p.	2	50	0	2	4	0	Tornado
	A tornado moving toward the southeast damaged a combination service station and grocery store injuring two of its occupants. A mobile home and several other buildings in the area also sustained damage.								
Garland County	7	5:00 p. to 5:50 p.			0	0	3	0	Wind and Hail
	Strong winds and hail up to one inch in diameter fell on portions of the county. Most of the wind damage occurred in Hot Springs where trees and numerous signs were blown down.								
Arkadelphia, Clark County	8	6:20 p.			0	0	0	0	Hail
	Hail up to three-quarter inch in diameter fell on the city for a short period with no damage observed.								
Union County	10	10:45 a. to 1:20 p.			0	0	5	0	Rains, Lightning and Funnel Clouds
	Heavy rains generated by slow moving thunderstorms flooded numerous streets and several buildings. Lightning associated with these thunderstorms set fire to five buildings in the El Dorado area. Several sightings of funnel clouds were also reported.								

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					KILLED	INJURED	PROPERTY	CROPS	
<b>ARKANSAS (continued)</b>									
6 Miles Southeast of Jacksonville, Pulaski County	10	7:45 p.							Funnel Cloud
									An Air Force pilot observed a funnel cloud for a short period of time. No movement was given.
Walker Area, Searcy County	11	6:15 p. to 6:30 p.			0	0	1	5	Hail
									A thunderstorm moving toward the southeast dumped hail on several square miles of this farm community resulting in heavy crop loss.
Newport, Jackson County	20	2:20 p.							Funnel Cloud
									Police reported a funnel cloud. No movement given.
1 Mile West of DeValls Bluff, Prairie County	20	5:30 p.			0	2	3	0	Wind
									Winds generated by thunderstorms in the area overturned a mobile home and injured its two occupants.
Dover, Pope County	21	2:00 p.			0	0	4	0	Lightning
									Lightning set fire and destroyed a home and heavily damaged a Baptist Church.
7 Miles Northeast of Pocahontas, Randolph County	21	2:50 p.							Funnel Clouds
									Public reported two funnel clouds. No movement given.
Louann, Ouachita County	26	1:00 p.			0	1	3	0	Lightning
									Lightning struck and injured a ten-year old boy and slightly damaged a nearby building.
<b>CALIFORNIA</b>									
NORTHERN & CENTRAL			NONE REPORTED						
SOUTHERN			NONE REPORTED						
<b>COLORADO</b>									
Northeast portion	5				0	0	4	3	Hail, rain, wind
									Hail up to 3/4 inch in diameter fell 10 mi. northwest of Denver at 4:35 p.m. and in northwest Denver at 5:10 p.m. Heavy rains caused local flash flooding in Greeley and in northern Weld County.
Morgan County	7	about 10:30p.			0	0	3	3	Hail, wind
									Hail 1/2 to 3/4 inch in diameter fell in the Brush area and was accompanied by strong winds.
Northeast portion	9	aftn			0	1	4	4	Rain, hail, lightning
									Hail damage occurred east of Sterling and flash flood damage was reported near Wellington. Lightning caused several power outages in Morgan County and injured a man near Brush.
Denver area	14	eve			0	0	5	3	Rain, flash floods
									Heavy rains caused locally heavy flash flooding along Niver Creek south of Thornton and in parts of northern metropolitan Denver. Over \$10,000 damage to public property was reported and numerous homes and yards were damaged.
Boulder County	15	about 1:45p.			1	0	0	0	Lightning
									A girl was killed west of Boulder.
Garfield County	15	eve			0	0	4	0	Rain
									Locally heavy rains in the Glenwood Springs area caused mud slides which blocked Highway I-70 and damaged several lawns in West Glenwood.
Weld County	16	aftn			0	0	4	4	Hail, rain, lightning
									Hail damaged sugar beets in the Prospect Valley area and flash flooding occurred at Greeley. Lightning damage to some power lines was reported. Hail up to 3/4 inch in diameter fell at Greeley.
Denver metro area	19	eve			0	1	3	0	Lightning
									A man was injured in Denver and power outages occurred in Aurora, Lakewood, Westminster and West Denver.
<b>COLORADO (continued)</b>									
Prowers County	20	aftn.			0	0	4	4	Wind, hail
									Hail 1/2 to 3/4 inch in diameter fell in local areas causing crop and property damage. Heaviest crop losses were in the Carlton area.
Denver metro area	20	aftn.			0	0	4	3	Rain, hail
									Heavy rains caused local flash flooding, resulting in the closing of several streets and damage to numerous homes and businesses. Hail 1/2 to 3/4 inch in diameter was reported.
Weld County	22	1:11p.	1/2	100	0	0	0	0	Tornado
									A tornado touched down 11 mi. northeast of Rockport.
Yuma County	22	about 6:00p.	1/8	50	0	0	0	0	Tornado
									A tornado hit just south of Wray, but quickly receded to clouds.
Weld County	23	11:30-11:35a.	2	50	0	0	0	0	Tornado
									A small tornado was observed 3 mi. southeast of Munn.
Gilpin County	23	aftn.			0	0	4	0	Rain
									Heavy thunderstorm rains produced flash flooding in the Central City-Black Hawk area. Several roads and businesses were damaged.
El Paso County	23	aftn.			0	0	4	0	Rain
									Flash flooding in the Colorado Springs area washed out several bridges and roads, and damaged mobile homes, autos, and basements.
Morgan County	23	eve			0	0	3	4	Hail, rain
									Flash flooding was reported in the Ft. Morgan area and hail damaged crops west of Ft. Morgan.
Logan, Cheyenne, Yuma, Morgan Counties	30	aftn.			0	0	3	4	Hail, rain, wind
									Hail damaged crops in local areas of the four Counties. Heavy rains caused some flooding of basements in Brush. Hail up to 3/4 inch in diameter fell at Sterling about 3:10 p.m.
Logan, Prowers Counties	31	eve			0	0	3	4	Rain, wind
									Locally heavy rains, accompanied by high winds, hit portions of the two Counties. Heaviest damage was in the Bristol-Hartman area and in the vicinity of North Sterling Reservoir.
<b>CONNECTICUT</b>									
Farmington	6	Afternoon			0	2	3	0	Lightning and hail
									Extensive damage to beaches at Dunning lake was caused by a sudden storm. The storm pelted the lake area with large hailstones, triggering off at least a dozen burglar alarms. A young boy and a woman had slight brushes with lightning that struck four trees.
Watertown	14	Mid-morning			0	0	4	0	Flash flooding
									About 30 families living along the normally small and placid Stegle Brook "were evacuated, some of them by boat, after 5 inches of rain in 24 hours caused "the most serious flash flooding (since) 1955."
New Milford	2	6 pm	1/4	30	0	0	3	0	Tornado
									A tornado, lasting for 90 seconds, overturned several rabbit pens, picked up a piece of two-inch iron pipe that had been placed on top of them and drove it into the ground 30 feet away. Two acres of sweet corn was destroyed while a large maple tree was uprooted and fell across a power line.
<b>DELAWARE</b>									
SEE END OF TABLE									
<b>FLORIDA</b>									
SEE END OF TABLE									
<b>GEORGIA</b>									
Cartersville	2	4:00 p.			0	0	5	0	Lightning
									Fire and water damage to department store resulting in more than \$100,000 loss.
Ware County	5	Afternoon			0	0	4	4	Hail, wind
									One farmer had his entire crop of 10-12 acres of tobacco ruined by hail. Other spot damage, including corn and other crops was, reported throughout the county.

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					KILLED	INURED	PROPERTY	CROPS		
<b>GEORGIA (continued)</b>										
Atkinson County	5	7:00 p.			0	0	4	3		Lightning, hail
										Lightning caused fire, burnt one barn and contents to ground. Scattered hail damage in county.
Tift County	7	4:00 p.			0	0	4	4		Thunderstorm
										15 acres of tobacco damaged or destroyed by hail—value \$35,000. Rain caused \$15,000 damage to county roads and winds caused \$4,000 to real and personal property.
Winder, Barrow County	10	5:40 p.			0	0	4	0		Wind
										High winds at the Winder-Barrow Airport and vicinity caused \$6,000 to \$7,000 damage to hangars, a small aircraft and a new mobile home. Hail and heavy rain accompanied the storm.
Stockbridge	10	7:15 p.			0	0	3	0		Lightning
										Home fire resulting in \$1,800 damage.
Dade County	24	Afternoon			0	0	3	0		Lightning
										Light to moderate damage to home on Sand Mountain from resulting fire.
Acworth	24	2:15 p.			0	2	0	0		Lightning
										Lightning struck and temporarily rendered two men unconscious as they sought protection from the rain under a large oak tree.
Athens	24	Evening			0	0	3	0		Lightning
										Lightning sent power surges into 2 homes damaging wiring and burning out a television set and other small appliances but not causing any fires. Occasional power failures throughout Clarke County due to thunderstorms.
Savannah	25	Afternoon			0	0	2	0		Wind
										High winds blew in two store plate glass windows but no injuries and little damage. Some power lines downed.
Thomaston	26	2:30 p.			0	0	4	0		Lightning
										A fire apparently started by lightning burnt the St. Timothy Church on Rest Haven Road to the ground.
<b>HAWAII</b>										
NONE REPORTED										
<b>IDAHO</b>										
Southeast	2	Evening			0	0	4	0		Windstorm
										Strong winds damaged irrigation sprinkler systems in several locations with heaviest damage to an incomplete system in Arbon Valley. Minor damage to buildings and trees was reported in the Ken Hege neighborhood near Aberdeen.
Southwest	5	Night			0	0	4	0		Lightning
										Several grass and forest fires were started by lightning at scattered locations. A grass fire about 10 miles northwest of Mountain Home burned 4500 acres.
North and Southwest	6	Evening			0	1	4	0		Lightning, wind
										A man talking on a telephone near Priest River, Bonner County, was knocked to the floor by lightning and received minor injuries. Power lines were damaged in Kootenai and Benewah Counties by wind and lightning during thunderstorms with heaviest damage in the St. Maries area. Wind and lightning damage to power lines occurred at several locations in the Boise, Nampa, and Caldwell areas.
Near Sun Valley, Blaine County	10	3:00 p.m.			1	3	0	0		Lightning
										A nine year old boy was killed when lightning ran down a tree under which he had taken shelter from a rainstorm while hiking on Pioneer Cabin trail about 2 1/2 miles north and 3 miles east of Sun Valley. His mother, a brother, and a family friend suffered minor injuries, and two dogs with them were killed.
Near Jerome, Jerome County	11	4:00 p.m.			0	0	0	3		Hail
										Nearly a hundred acres of beans and grain were destroyed in a small section of southern Jerome County about 3 miles northeast of the Highway 93-Interstate 80 interchange. Hail the size of marbles covered the ground 4 inches deep. Vegetable gardens, roses and shrubs were heavily damaged.
Pocatello, Power County	11	Afternoon			0	0	3	0		Wind, rain
										Strong winds during a thunderstorm blew down trees damaging a car and house roof. Several residences and businesses reported flooding from the heavy rain. The storm was mainly in the downtown and eastside business district.
<b>IDAHO (continued)</b>										
Near Riggins, Idaho County	11	7:00 p.m.			0	0	3	0		Heavy rain
										A cloudburst on four tributaries of the Rapid River—Trail, Castle, Fry Pan, and Lonesome Creeks—caused flash flooding that gutted stream beds with up to 20 to 25 feet wide gullies and washed sand, mud and debris into the Fish and Game Department salmon hatchery which had to be cleaned out. Some roads were washed out in the area and trail bridges lost. An estimated 200 salmon were lost in the River, but loss in the hatchery was light.
Southwest	12	Evening			0	1	4	3		Wind, rain, hail, and lightning
										Thunderstorms with strong, gusty winds, torrential rain, and hail caused scattered areas of damage mainly in the Valley View, Midvale, Indian Valley, and Boise Valley areas. Wind damaged utility lines, trees, sprinkler pipes, roofs, and a barn and other small buildings were blown down. A tree limb struck a car in Payette and the driver sustained minor injuries. Heavy rains caused flash flooding on Cottonwood Creek near Arrowrock Reservoir, washed out roads, plugged culverts, and caused other isolated incidents of property damage. Hail damage to crops was light and very scattered. Lightning mainly added to utility damage.
Cassia County	13	5:00 p.m.			0	0	0	4		Hail
										A hailstorm struck in strips and limited areas of the County but destroyed 300 acres of potatoes in the Marion area and 25 acres of beans in the Albion area where 80 acres of wheat was heavily damaged. Some other crop losses were reported in the storm which lasted about 10 to 15 minutes.
Statewide	14	Afternoon & Evening			0	1	3	4		Hail, wind, rain, lightning
										Thunderstorms, some of which were severe, caused light to heavy damage in scattered areas over the State. Hardest hit was an area 4 miles wide in the Westlake and Nezperce areas of Lewis County where huge hailstones killed birds, left welts on cattle, damaged homes and cars, and damaged or destroyed crops. Severe damage was reported north and east of Reubens where stones up to 3 inches in diameter were reported. The hail pounded holes in the roofs of trailer homes in Lawyers Canyon and broke windows and windshields in several vehicles. It knocked holes in garages and shops in the Craigmont area and the runoff washed away a septic tank. An estimated 10,000 acres of crops were damaged to some degree and some crops, particularly peas, and gardens were destroyed. Hailstones measured 2 inches in diameter in the Fraser area near Orofino damaged property and crops. Hail was reported at Post Falls, Kootenai County, in Latah and Teton County, and the Boise area with light damage to crops and gardens. Wind, rain, and lightning damaged utilities, trees, and some property in scattered areas mainly in Bonner and Kootenai Counties, and in the Boise area. Heavy rains caused some minor flooding of streets, yards, and a few buildings in Boise and caused mud slides onto roads in the vicinity of Salmon. Lightning hit a house at Moscow causing minor damage, and the housewife injured her back carrying out a mattress and box springs that caught fire. A man was bruised and cut slightly by hail.
Elmore County	25	2:30 p.m.			0	0	0	4		Lightning
										A fire, started by lightning, burned over more than 100 acres of Ponderosa pines near Arrowrock Reservoir.
Southern Idaho	29	Afternoon & Night			1	1	5	5		Wind, lightning, rain
										The same storm that caused millions of dollars in wind damage at Ontario, Oregon also did extensive damage in Idaho, mainly around Fruitland and Payette, 5 and 10 miles east of Ontario. Property damage consisted of about \$10,000 damage to a dwelling in Fruitland, a hangar at the Payette Municipal Airport destroyed, and two or three planes damaged, severe damage to a bowling alley in Fruitland, several small buildings and sheds damaged or destroyed, and roof damage mainly from falling trees. Utility damage was heavy from wind and falling trees in Payette County and some utility damage occurred in the Burley area from lightning. Several automobiles were damaged from falling trees. An 8-year old boy was blown into the path of a car in Payette and injured slightly by the car. Lightning killed a man, and his son received shock and burn injuries while working in a field just south of Preston in Franklin County. Crop damage in the Payette and Fruitland areas was locally severe. Main crops damaged were corn, onions and fruit. Four forest fire starts were attributed to lightning in Lemhi County.
Malad, Oneida County	30	Morning			0	0	4	0		Flash flooding
										A flash flood with water coming from Maple Canyon severely eroded both sides of the interchange under construction on Interstate 15 for a half mile.

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS												
ILLINOIS	SEE END OF TABLE									IOWA	SEE END OF TABLE																			
INDIANA	SEE END OF TABLE									KANSAS	SPECIAL HAIL SUMMARY																			
Boone County	6	4:00 PM	?	?	0	0	0	4	3/8 inch hail											Hail loss clearing house reports indicated hail was especially severe on the following dates, and in the following counties:										
Baton Delaware County	7	7:15 PM							Funnel Cloud	23	Thomas.								31	Grant, Stanton.										
Lake Village Newton County	12	12:53 PM	?	?	0	0	0	0	1 3/4 inch hail	<b>KENTUCKY</b>										5-6	Late Afternoon & Night	0	0	5	4	Heavy Thunderstorms - Hail - Flash Flood				
North Vernon Jennings County	12	8:30 PM							Funnel Cloud	Western Kentucky											Numerous thunderstorms rolled across Western Kentucky producing crop damaging hail, flash flood producing heavy rains, and damaging winds. The tobacco crops were hard hit.									
Comiskey Jennings County	12	8:30 PM							Funnel Cloud	Lake Cumberland Area	9-10	Night	0	0	0	0	4	4			Heavy thunderstorms - wind - and hail									
Jackson County Washington County	13	2:30 PM	?	?	0	0	0	5	1/2 inch hail												Damage to buildings, mobile homes, and a marina were left in the path of thunderstorms that moved through the area. Tobacco and corn crop damage was spotty.									
12 SW Indianapolis Marion County	13	6:55 PM							Funnel Cloud	Union, Henderson, and Daviess Counties	12	Afternoon	0	0	0	5	4				Hail Storms									
4 E Kentland Newton County	13	7:10 PM							Funnel Cloud												Golf ball size hail damaged tobacco and corn crops.									
3 S Mooresville Morgan County	13	7:20 PM							Funnel Cloud	Northern Bluegrass Counties	13	Evening	0	0	0	5	4				Hail storms - wind									
Brownsburg Hendricks County	13	7:22 PM							2 Funnel Clouds												Wind and hail stones, larger than golf balls, damaged tobacco and corn crops, killed chickens, broke windows, and caused heavy damage to mobile homes and aluminum sided homes.									
SErn Indianapolis Marion County	13	7:40 PM							2 Funnel Clouds	Fayette County and Danville Area	16	Afternoon	0	0	0	5	4				Electrical and Hail storm.									
5 W Franklin Johnson County	13	7:57 PM							Funnel Cloud												A heavy electrical and hail storm caused several fires that destroyed barns loaded with farm equipment, and marble size hail destroyed acres of tobacco.									
2 SW Remington Jasper County	13	8:08 PM							2 Funnel Clouds	Bluegrass Counties	17	Afternoon					4	6			Hail and wind									
Cumberland Marion County	13	8:09 PM							Funnel Cloud												Hail storms destroyed tobacco and corn in many of the Bluegrass counties - nearly \$1 million in damages was compiled in Fayette County alone.									
Lafayette Tippecanoe County	18	4:45 AM	6	3 mi.	0	0	4	4	Wind 1 3/4 inch hail	Fulton	20	Early Morning	0	0	0	5	4				Flash Flood									
																					Heavy rainfall of 4 to 6 inches during the night caused flash flooding that resulted in 50 to 60 homes and 15 to 20 Fulton businesses being evacuated during the early morning hours.									
										<b>LOUISIANA</b>																				
										Lake Pontchartrain - Orleans Parish	2	5:25P										Waterspout								
																						Waterspout reported about two miles NW of Lakefront Airport.								
										River Ridge - Jefferson Parish	6	12:50P										Hail								
																						Hail 2 1/2 inches in diameter reported.								
										Lafourche Parish	6	2:55P										Waterspout								
																						Waterspout reported near LaRose.								
										Ouachita Parish	7-8				0	0	6	?				Heavy Rain								
																						Seven to 12 inches of rain caused extensive flooding of more than 200 homes in Monroe and 100 in West Monroe. Estimates of damage: \$600,000.								
Zionsville Boone County	18	8:55 AM	-	-	0	0	4	0	Lightning	Shreveport - Bossier City	9	4-5P			0	0	5	0			Seven Thunderstorms & Hail									
																						High winds and hail up to 3/4 inch in diameter caused considerable power line and tree damage in many sections. Winds knocked out a wall of the Rush Printing Co. causing the roof to collapse.								
1 N Terre Haute Vigo County	18	6:24 PM							Funnel Cloud	Sabine Parish	9	6P			0	0	5	0			Severe Thunderstorm									
3 W Lafayette Tippecanoe County	18	6:50 PM							Funnel Cloud													High winds turned over trailers in the Little Flock Community and ripped awnings and trees in Many. About 1500 lost power when lightning and falling trees knocked out electrical service. CLEDO reported damages of \$100,000.								
1 SE Logcootee Martin County	19	11:15 AM	1/4	25	0	0	0	0	Tornado	Union Parish	10	4:20P			0	0	4	0			Lightning									
																						Nine head of cattle were killed by lightning in the Mt. Ararat Community.								
2 W Speedway Marion County	27	9:50 PM							Funnel Cloud																					
Clarksville Clark County	31	2:50 PM							Funnel Cloud																					

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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		
<b>LOUISIANA (continued)</b>										
Plaquemine Parish	15	10:45A							Waterspout	
									Coast Guard reported waterspout near Southwest Pass moving east.	
Metairie - Jefferson Parish	17	10:05A	Brief	0	0	3	0		Small Tornado	
									A funnel cloud was observed by the public near West Esplanade Avenue and Chestnut Street. Witnesses estimated the small twister that moved through a shopping area was about 40 feet high, but not connected with the funnel overhead. Glass popped out of auto; Volkswagon was picked up; signs blown down and carport blown away.	
Lake Pontchartrain	17	5:02P							Waterspout	
									Reported 10 miles north of Lakefront Airport.	
Vermilion Bay - Vermilion Parish	18	8:11A							Waterspout	
Caminada Pass - Jefferson Parish	18	5:39P							Waterspout	
Grand Isle - Jefferson Parish	19	6:50A							Waterspout	
Baker, East Baton Rouge Parish	22	6:10P		0	1	4	0		Electrical Storm	
									A severe electrical storm set two fires and interrupted power to about 8,000 customers. Gerald Cmsday was knocked unconscious for a short time by a bolt of lightning that struck near him.	
Lake Pontchartrain - Jefferson Parish	24	8:50A							Waterspout	
									Waterspout three miles from shore visible from Molsant Airport.	
Cameron Parish	25	11:19A							Two Waterspouts	
									Reported 15 miles south of Lake Arthur.	
St. Charles Parish	25	2:16P							Waterspout	
									Reported over swam west of Molsant Airport.	
Lake Borgne - St. Bernard Parish	26	8:05A							Waterspout	
Concordia Parish	26	3:15P		0	1	0	0		Lightning	
									One man injured by lightning bolt while fishing near Deer Park.	
6 Miles SW of Grand Island	26	5:46P							Waterspout	
Lake Pontchartrain - St. Tammany Parish	29	3:45P							Waterspout	
									Tall column observed nearly stationary for about 3/4 hour, one mile south of lakeshore and one mile east of I-10 Bridge.	
Plaquemine Parish	31	12:30A							Waterspout	
									Reported about five miles north of Port Sulphur.	
<b>MAINE</b>										
Washburn, Aroostook County	8	5 p.m.				3			Severe Thunderstorm	
									Severe thunderstorm with funnels reported. A blowdown of trees reported, about 100 yards wide and 300 yards long. Official at WSO/Caribou surveyed the area but could find no evidence of a tornado.	
North Wayne, Kennebec County	13	Late After				4			Thunderstorm	
									Observer reported a "semi-cyclone" cut down a swath of pine trees 12-15" in diameter. Heavy showers, trees down caused power outages, minor washouts. Lightning struck church steeple at Hallowell.	
West Minot, Androscoggin County	14	5 p.m.	1/8	40		3			Funnel Cloud Touched Down	
									Thunderstorm accompanied by heavy rain, hail, and wind. Witness said twister weaved along a road then entered woods and disappeared.	
									PPP 0-1-1	
Millinocket, Penobscot County	20	5 p.m.				3			Thunderstorm	
									Severe thunderstorm. Winds 58 mph, 1 1/2" of rain in 30 minutes, marble-sized hail.	
<b>MARYLAND &amp; D.C. NO STORM DATA REPORT RECEIVED FOR THIS STATE</b>										
<b>MASSACHUSETTS</b>										
Chicopee	7	After-noon				0	5	0	0	Lightning
										A bolt of lightning struck five children while they were standing on a rain swept school playground. None were seriously injured.
Chicopee	9	7:45p				0	0	3	0	Lightning
										The roof of a vacant 7-11 convenience store was hit by lightning causing extensive damage to the cooktop.
Dalton	13	0715	1/4	25	0	0	4	0	0	Tornado
										The tornado leveled at least two dozen large trees, demolished a small barn, damaged shingles on roofs of homes, moved a garage two feet off its foundation and ripped down power lines.
Longmeadow	14	Night				0	0	4	0	Flash flood
										Heavy rain washed out a portion of the south bound lane of Route 5 near York Road. The road collapsed after rain wore down dirt underneath the pavement.
West Spring-field	25	1204A	1/4	?	0	0	4	0	0	Tornado
										The tornado touched down briefly in a Penn Central Freight Yard area scattering seven tractor trailers and ripping off over 50 percent of the roof of a three story dwelling. The tornado retracted into the clouds only to lower again one third of a mile downstream to a roof top level causing considerable tree damage.
Falmouth	25	3:30 p				0	1	0	0	Lightning
										A young girl, while talking on the kitchen telephone got "zapped" when lightning either struck the utility pole across the street or hit near the pole. She recovered consciousness in two minutes.
<b>MICHIGAN</b>										
2N Caseville, Huron Co.	2	6.45p	0.4					2		Tornado
										Touched down on Saginaw Bay, moved on U-shaped track several hundred feet inland, returned to bay shore and lifted. Boats blown off rack. Two canoes deposited in trees. Minor damage to trees and cottages.
Just SE Reading, Hillsdale Co.	3	1.30p								Hail
										Hailstones 1"
3E Marlette, Sanilac	6	1.30p						5		Wind
										Large barn and contents destroyed by thunderstorm gust.
E of Pentwater to SE of Hesperia, Oceana & Newaygo Counties	10	2.30a	22	1100					C	Hail
										Tart cherry crop mostly destroyed. Minor damage to other crops.
Rustford to Blanchard, Mecosta & Isabella Counties	10	4a	12					3	C	Hail
										Hailstones to 1 3/4". Corn and cherry crops severely damaged. Some damage to hay, wheat and potatoes. Metal outbuildings damaged. Barn unroofed.
Auburn, Bay Co.	10	11a			1	0				Wind
										Grain elevator silo blown onto scaffolding, knocked workman to ground.
2 to 4 miles SE Crowell, Sanilac Co.	10	12 noon	2					2	C	Hail
										1/2" hailstones destroyed soybeans, damaged corn, dented aluminum siding.
Sanilac Co.	10	midday								Funnel Cloud
										Tracked by State Police from Marlette Twp. to Lake Huron E. of Deckerville.
Strait of Mackinac, off Brevort	11	12 noon								Waterspout
16NW Manistique, Schoolcraft Co.	11	2p	2-6	0	0	1				Tornado
										Forest Service pilot saw funnel touch down briefly. Damaged a few trees
Just off Alpena, Lake Huron Co.	12	7.28a						2		Waterspouts (3)
										Touched down near waterfront. Numerous cold air funnels seen. Minor damage to anchored boat and to ballpark structure.
5 to 6S Frankfort, Lake Michigan Co.	12	8.38a								Waterspouts
										3 spouts seen, by Coast Guard. No radar echoes in area.
2-3 W Manistee, Lake Michigan Co.	12	9.15a								Waterspouts
										2 or 3 spouts seen from aircraft.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MICHIGAN (continued)</b>									
Stevensville to Bloomingdale, Berrien & Van Buren Counties	12	1p	20	3000				C	Hail
	Small hail fell about 20 minutes covering ground about 3" deep. Fruit and vegetable crops badly damaged.								
Just N. Alpena, Lake Huron	14	5p							Waterspouts
	Two spouts seen moving northeastward								
Addison-Rollin area Lenawee Co.	16	5:30p	1					C	Hail
	Small hail covered ground to depth of several inches. Apple and corn crops destroyed.								
Mackinac Island, Mackinac Co.	18	2:10p			1	1			Lightning
	3 persons sought refuge from rain under small cluster of trees. Man killed, woman slightly injured.								
Lake Charlevoix, Charlevoix Co.	18	late afternoon				2	1		Lightning
	Two of three persons on sailboat burned when lightning struck mast.								
Area bounded by Cheboygan, Midland, Grand Rapids, & Muskegon	18-19	overnight					5	C	Thunderstorms
	Most severe damage in northern sections. Flash flooding and road washouts north of Traverse City. Much of tart cherry crop destroyed. 3 mobile homes toppled N of Mt. Pleasant. Trees and powerlines down, minor damage to buildings throughout. Lightning and funnel cloud listed below were part of this storm.								
Area bounded by Cheboygan, Midland, Grand Rapids, & Muskegon	18-19	overnight			1		5		Lightning
	Woman received second degree burns in house set afire west of Bellaire. One house destroyed, another damaged NE of Mancelona. Barn destroyed and house badly damaged in Isabella Co.								
Wise Twp, Isabella Co.	19	12:30a							Funnel Cloud
Delta Co.	19	1-2a					4		Thunderstorms
	2 mobile homes, silo, and garage destroyed; several other mobile homes damaged by gusts. Lightning listed below was part of this storm.								
Delta Co.	19	1-2a					4		Lightning
	One house in Gladstone, another in Kipling destroyed.								
<b>MINNESOTA</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>MISSISSIPPI</b>									
W Batesville, Panola County	2	2:15 PM			0	0	?	?	Hail
	The thunderstorm produced golf-ball size hail which did some damage to cotton, dumped 2" of rain in a short period, and gusty winds blew down a small shed.								
Biloxi, Harrison County	3	7:30 PM			0	0	?	0	Wind
	Wind gusts to 64 mph were recorded at Kessler AFB.								
Clarksdale, Coahoma County	7	4:10 PM			0	0	3	?	Wind
	Damaging winds hit the area during a thunderstorm uprooting trees and blowing off several roofs.								
Cleveland, Bolivar County	7	5:00 PM			0	0	4	?	Wind
	Thunderstorm winds blew out half a drive-in movie screen.								
Elliott, Grenada County	7	6:35 PM			0	0	3	?	Wind
	High winds and falling tree limbs damaged a house roof.								
Hollandale, Washington County	7	7:30 PM			0	0	3	4	Wind/Heavy Rain
	Strong winds knocked down 40-foot trees with one falling on a carport. Shingle damage affected several homes. 6" of rain in 2 hours resulted in water entering several buildings plus damaging bean crops as water stood from one foot to waist deep in a path 4 miles wide and 20 miles long from Avon to Murphey.								
Kosciusko, Attala County	7	7:45 PM			0	0	4	0	Lightning
	Lightning struck a house and almost completely destroyed it.								
<b>MISSISSIPPI (continued)</b>									
158 Yazoo City, Yazoo County	7	9:15 PM			0	0	4	0	Wind
	High winds destroyed one mobile home. Tie-downs held although the sides caved in.								
Fulton, Itawamba County	8	Night			0	0	4	0	Lightning
	Lightning killed 22 head of cattle valued at over \$7,000.								
Shannon, Lee County	9	1:40 PM			0	0	4	?	Wind
	"Northeaster" winds damaged a drug store and restaurant roof, blew down trees and limbs on power lines and cars, ripped apart a basketball backstop, and even lifted a plastic bag of garbage and wedged it in the fork of a tree.								
Hebron Community, Jones County	9	2:00 PM			0	0	4	?	Wind
	High winds blew down trees, and damaged several roofs. Privately owned rain gauges recorded 2.5" in 30 minutes.								
Clarksdale, Coahoma County	10	9:00 AM							Funnel Cloud
3S Columbus, Lowndes County	10	12:30 PM			0	2	4	0	Wind
	High thunderstorm winds demolished a mobile home. The two occupants received minor cuts and bruises.								
Hattiesburg, Forrest County	21	12:30 PM			0	0	4	0	Wind
	Thunderstorm winds toppled a large oak tree onto a home smashing the roof and two bedrooms.								
3S Pascagoula, Jackson County	21	1:00 PM			1	8	3	0	Lightning
	A 12 year-old girl was killed and 8 others in a party of 14 were injured by lightning when they sought shelter in an abandoned lighthouse during a thunderstorm at Round Island. The young girl was leaning against one of the lighthouse's steel supports.								
Jackson, Hinds County	25	1-3 PM			0	0	?	0	Flash Flooding
	More than 5" of rain drenched Jackson, flooding several houses, at least 10 streets, and a few businesses with water up to 3" deep inside. Many cars were removed by a wrecker when parking lots became filled with more than 3" of water. 2" fell during the early morning with the remaining 3" during the afternoon in a 2 hour period. Some flooding also was reported just east of Jackson in Pearl, MS, in Rankin County and at the Weather Service Office at Thompson Field.								
5E Greenville, Washington County	26	5:05 PM			0	0	?	?	Wind
	Wind blew down 8 to 9 telephone poles along Highway 82.								
4S Biloxi, Harrison County	30	7:43 AM			0	0	0	0	Waterspout
	The waterspout dissipated before moving inland.								
5S Pascagoula, Jackson County	30	12:15 PM			0	0	0	0	Waterspout
	The waterspout dissipated before moving inland.								
1E Lucedale, George County	31	2:17 AM							Funnel Cloud
Ellisville, Jones County	31	12:25 PM							Funnel Cloud
Collinsville, Lauderdale County	31	12:25 PM							Funnel Cloud

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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	
<b>MISSISSIPPI (continued)</b>									
South Half Mississippi	30 - 31				0	0	5	?	Heavy Rains
<p>A tropical depression moved from the northwest Florida panhandle northwest across the State to southeastern Arkansas. It deposited 10 - 15" of rain in the panhandle while Mississippi rainfall amounts were generally 2 - 4" with Canton and the Rankin County Fire Tower receiving over 5". The rains caused the ground to become saturated and led to rises on streams and tributaries. Roads were closed in many areas due to the high water with minor flooding at numerous locations throughout the southern 2/3 of the State.</p> <p>In Harrison County where over 8" fell on the 29-31st, 50 families were evacuated from their homes along the banks of the Biloxi River around midnight the 31st as stages reached 15' above normal. 10' above normal stages occurred along the Chautauque River.</p> <p>At Moss Point in Jackson County 70 - 100 families were evacuated when around 6" of rain fell resulting in water 2 - 13" deep entering a dozen homes and closing a few roads.</p> <p>More than 100 homes in Canton, Madison County, were evacuated around midnight the 31st as heavy rains (5.5") caused creeks and drainage ditches to overflow. Some businesses were flooded with about 2" of water.</p>									
<b>MISSOURI</b>									
Crane, Stone County	2	5p	?	?	1	1	0	0	Lightning
Lightning struck a tree in a hay field two miles north of Crane killing one person and injuring another who were seeking shelter beneath the tree.									
Cape Girardeau, Cape Girardeau County	5	6p	?	?	0	0	4	?	Sev. Thunderstorm
A severe thunderstorm accompanied by driving rains and some hail caused widespread power outages and scattered fires. Several power lines were downed by lightning and fallen tree limbs.									
St. Charles and St. Louis Counties	6	12a-1a	?	?	0	0	5	?	Sev. Thunderstorm
Severe thunderstorms moved south through St. Louis and St. Charles Counties causing isolated wind damage. Winds gusted to 70 miles per hour at Pierre Marquette State Park just across the Mississippi River in Illinois. At St. Charles Airport winds whipped through tearing aircraft loose from tie-downs with at least three planes believed to be unsalvageable. Winds gusted to 50 miles per hour at the St. Louis Airport. One-half-inch hail accompanied the storm.									
Madison and Perry Counties	6	3a-5a	?	?	0	0	4	0	Thunderstorm & Flooding
Heavy thunderstorm activity moved through the area with reports from several parts of these counties where the storm downed trees and limbs, ripped off roofs and caused havoc in general. Rainfall totals reached 4 inches in the Fredericktown area and at Ferryville.									
Anderson, McDonald County	6	9:35p	?	?	0	0	?	0	Thunderstorm
A heavy thunderstorm produced damage to trees and road signs near Anderson.									
Cassville, Barry Co.	6	7:30p	?	?	0	0	4	0	Windstorm
A summer thunderstorm moved south demolishing a mobile home south of Cassville. Rainfall amounts of up to 5 inches were recorded at Small Creek with 4 inches at Wheaton and 3 inches at Washburn and Seligman.									
Kirkwood, St. Louis County	17	1:40p	?	?	0	0	3	0	Hailstorm
Two public reports of golfball sized hail in Kirkwood.									
St. Louis County	17	2p-3p	?	?	0	0	?	?	Thunderstorm
There were 9,000 residences without power due to storms for 4 hours. Wind gusts to 50 miles per hour were recorded at the National Weather Service Forecast Office, in St. Charles.									
St. Louis County	18	3:30p	?	?	0	0	4	0	Thunderstorm
Thunderstorms moved through St. Louis County causing power outages for the second consecutive day. There were 10,000 homes without power. Winds of 50 miles per hour snapped utility wires and downed timber and trees from House Springs to Clayton. Hail also caused some damage.									
Lilbourn, New Madrid County	18	3:30p	?	?	1	0	0	0	Lightning
An 18-year-old girl was struck and killed by a bolt of lightning while she was chopping cotton in a field 6 miles north of Lilbourn.									
Washington & St. Francois Counties	19	5p-6p	?	?	0	0	4	?	Sev. Thunderstorm
A severe thunderstorm developed late in the afternoon and moved southeast into St. Francois County. Winds at Farmington reached 70 miles per hour. Numerous people reported property damage.									

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MISSOURI (continued)</b>									
Boonville, Cooper Co.	19	8p	1	30	0	0	0	3	Tornado
A small tornado dipped down briefly 4 miles southeast of Boonville damaging a patch of corn about 100 feet wide and 1,000 feet long. Corn was literally flattened with many of the stalks pulled out of the ground. Others were badly twisted in several directions.									
Miller, Lawrence Co.	20	6:30p	?	?	0	0	3	0	Lightning
A bolt of lightning slammed into a barn consuming the building and 1,300 bales of hay. Rainfall of 3/8 inches were recorded.									
Lawrence County	19	p.m.	?	?	0	1	2	0	Windstorm
A windstorm blew a tree limb onto a window which caused severe arm lacerations to the resident.									
Ste. Genevieve & Ste. Marys, Ste. Genevieve County	23	2p-3p	?	?	0	0	5	?	Sev. Thunderstorm
Thunderstorms rolled through Ste. Genevieve and surrounding areas dumping nearly 3 inches of rain. High winds brought down many tree limbs and electric lines and snapped utility poles. The flag pole on Prince Gardner factory in St. Marys was bent 45 degrees. Near Ste. Genevieve the Dave Jokerst farm sustained considerable damage as two large grain bins were carried across a barn lot. Feeders and other small equipment were also scattered and two large trees had their trunks snapped as if they were toothpicks.									
Platte, Clay & Jackson Counties	July was the driest July recorded in the Kansas City Metropolitan Area since the National Weather Service began keeping records in 1888. Only one-quarter of an inch of rainfall was recorded at the airport.								
<b>MONTANA</b>									
SEE END OF TABLE									
<b>NEBRASKA</b>									
Sheridan County	2	Afternoon			0	0	3	0	Wind
Severe wind storm caused considerable damage to trees and a few buildings in Rushville and vicinity.									
Scotts Bluff County	5	3 p.m.			0	0	3	4	Hail and Wind
A severe thunderstorm hit Scottsbluff and vicinity causing wind and hail damage. Hailstones were up to 3/4 inch and wind gusts up to 60 m.p.h.									
Holt County	5	3:24 p.m.			0	0	0	0	Funnel Clouds
Two funnel clouds were observed just north of Chambers.									
Douglas County	8	3 p.m.			0	0	3	0	Wind and Hail
A heavy thunderstorm hit parts of the greater Omaha area and did some wind damage to structures. Hail of 3/4 inch was reported in Bellevue, but no damage.									
Red Willow County	9	8:45 a.m.			0	0	3	4	Hail
A hailstorm struck the McCook area damaging cornfields. Some roof damage was reported in town.									
Scottsbluff County	9	Evening			0	0	0	3	Hail and Wind
Hail and strong winds did considerable crop damage in the vicinity of Minatare.									
Morrill and Cheyenne Counties	9	Evening			0	0	3	3	Hail and Wind
Hail and strong winds did damage to crops, buildings and trees in the vicinity of Redington. Wind damage occurred as far south as Potter.									
Dawes County	14	Evening			0	0	3	0	Lightning
Lightning from a heavy thunderstorm caused four fires in the Crawford area.									
Cherry County	19	3:30 p.m.	15		0	0	6	4	Tornado
Tornado on the ground from Kilgor to 3 miles north of Valentine to 15 miles east. Destroyed three mobile homes, grain bins, outbuildings and fifty trees. Considerable crop damage. Hailstones up to 2 1/2 inches. Hail accumulated to 4 inches with 2 1/2 feet drifts.									
Adams County	19	7:10 p.m.			0	0	0	4	Hail
One and a half inch hail was reported at Holstein.									



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS		
<b>NEBRASKA (continued)</b>										
Garfield and Valley Counties	19	7:30 p.m.			0	0	0	4		Tornado and Hail
										Tornado touched down between Ord and Burwell with no apparent damage. One inch hail was reported at Burwell and Ord causing considerable crop damage.
Hall, Merrick and Buffalo Counties	19	3:30 p.m.			0	0	5	6		Hail and Wind
										Hailstorm hit Grand Island with hail sizes up to 4 inches causing considerable damage to cars, windows and houses. Wind gusts up to 60 m.p.h. were also recorded. Crop and hail damage between Cairo and Wood River and severe hail damage in a 3 mile strip from Clarks to Havens and also near Poole.
Lancaster County	19	9:20 p.m.			1	0	5	0		Wind
										Winds gusting up to 61 m.p.h. caused considerable damage to Lincoln and vicinity to roofs, buildings and power lines. One drowning occurred at Branched Oak Lake as thirty boats were capsized. Trailer house destroyed at Raymond.
Douglas County	19	9:50 p.m.			0	0	0	0		Funnel Cloud
										A funnel cloud was observed 2 miles southwest of Willard.
Seward County	19	10 p.m.			0	0	0	0		Funnel Cloud
										A funnel cloud was observed near Beaver Crossing.
Buffalo County	19	10:45 p.m.			0	0	0	0		Tornado
										A tornado touched down briefly just east of Kearney doing no damage.
Saline County	19	11:15 p.m.			0	0	0	0		Funnel Cloud
										Funnel cloud observed just northeast of Tobias.
Phelps County	19	Night			0	0	0	4		Hail
										Hailstorm hit the Bertrana area twice during the night causing considerable crop damage.
Furnas County	21	3:55 p.m.	6		0	0	4	4		Tornado
										A tornado touched down 5 miles northeast of Cambridge and moved to just north of Holbrook. Considerable damage to crop and farm machinery. Some wind and hail damage also at Beaver City as well as Hendley.
Dawson County	21	4:30 a.m.	Short	Narrow	0	0	0	4		Tornado
										A tornado did slight damage to open field ten miles north of Cozad as it moved northeastward toward Oconto.
Sherman County	21	Evening			0	0	4	0		Lightning
										Barn burned down due to lightning near Ashton.
Scotts Bluff County	22	Afternoon			0	0	0	4		Hail
										Heavy hail damaged crops in the vicinities of Morrill and Mitchell. Hail depth up to one and a half feet at places.
Douglas County	22	Night			0	0	4	0		Lightning
										Considerable damage to apartment buildings in Omaha when struck by lightning.
Burt County	23	Morning			0	0	3	0		Lightning
										Three fires were started by lightning in the vicinity of Oakland causing property damage.
Madison County	23	Noon			0	0	3	0		Lightning
										Lightning struck and burned a home in Madison.
Morrill County	24	Evening			0	0	4	0		Lightning
										Lightning struck a farm home fifteen miles southeast of Bridgeport causing a fire that did considerable damage.
Douglas County	30	5 p.m.			0	0	0	0		Hail
										One and a half inch hail was reported in north Omaha but apparently no damage.
Box Butte County	30	Evening			0	0	3	0		Lightning
										Lightning struck and killed five cows in the vicinity of Alliance.
<b>NEVADA</b>										
Las Vegas	3	1615PST			2	0	7			Flash flood
										Up to 3 inches of rain caused flood in wash through Las Vegas. Main damage to vehicles at Caesar's Palace - 700 destroyed. No Las Vegas heaviest damage with 34 million.
Metropolis	12	Unk			0	0	5			Flash flood
										Unconfirmed report of 24 inches of water along one house.
Caliente	29	Unk			0	0	5			Flash flood
										ACS reported Highway 93 washed out in 3 places 10 north of town and 4 culverts on new highway washed out south of town.
Virgin River near Mesquite	29	Unk			0	0	4			Flash flood
<b>NEW HAMPSHIRE</b>										
Central New Hampshire	9-20	Aftn								Thunderstorms
										Severe thunderstorms downed trees, caused power outages, lightning strikes. Hardest hit was Concord, Merrimack on the 9th. On the 10th urban flooding in Manchester with several thousand dollars damages. Durham reported 2" of rain in 45 minutes, 70 mph winds, and marble-sized hail. Roads were washed out.
Goncord, Merrimack County	12	2 p.m.								Funnel Cloud
										Observer at WSO, Concord, reported funnel cloud. Other reports of observation by the public. No evidence of touchdown near point where funnel was observed.
Newport, Sullivan County	16	Aftn					5			Thunderstorm
										Cloudbursts caused washouts, undermined bridges. Boats swamped and cottages flooded on Lake Sunapee.
Barrington, Strafford County	20	Aftn						4		Lightning
										Destroyed barn.
Portsmouth, Rockingham County	21	Aftn						4		Thunderstorms
										Heavy showers caused extensive flooding of streets and highways. Power outages, flooded cellars.
Franconia, Grafton County	28	Aftn						4		Lightning
										Destroyed building.
<b>NEW JERSEY</b>										
Salem, Ocean, Cumberland, Atlantic and Burlington Counties	3	4 - 6p			0	0	0	0		Severe Thunderstorm
										Wind gusts associated with thunderstorms toppled trees, but there is no known property damage. Heavy rain and hail severely damaged crops in some areas. Milville, Cumberland County, reported a wind gust of 50 knots.
State	9	4 - 8p			0	0	0	?		Thunderstorm
										Thunderstorms moved across the state causing rainfall ranging from 0.5 to 1.0 inches. Large hail coupled with the rain caused serious damage to crops over the southern portion of the state.
State	13-16				5	0	7	7		Rain
										Three days of thunderstorm activity dropped 5 to 8 inches of rain over most sections of the state. New Jersey was declared a disaster area by the President. Flash floods caused 5 drownings. Damage to crops is estimated at \$20,000,000 with an additional \$10,000,000 property damage.
Seabrook, Cumberland County	13	6a	1 1/2	75	0	0	7	0		Tornado
										The early-morning tornado severely damaged the Seabrook School North, the Seabrook Packing Plant and several residences. Estimated damage is \$10,000,000.
Paramus, Bergen County	13	9:26a	1 1/2	150	0	0	5	0		Tornado
										The tornado touched down in a residential area, breaking and uprooting numerous trees along the path. A senior citizens home was the only building to suffer damage.
Mercer County	21	a - p			0	0	7	?		Rain, Flood
										The worst flood since 1955 swept over much of Mercer County. More than 1,000 people were homeless. The Assumpink Creek at Hamilton and Trenton crested at 11 feet above flood stage, the highest ever recorded. The flood was caused by a rainfall of 6 inches in only 10 hours. All creeks and rivers in the County were out of their banks. Rail and road traffic were at a standstill. Damage is estimated near \$25,000,000.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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		
<b>NEW MEXICO</b> Guadalupe County	5	3:30 p.			1	1	0	0		Lightning
										Two men struck by lightning while working cattle roundup. One killed, one injured.
20 miles west of Bluewater Lake, McKinley County	13	10:19 a.			0	0	0	0		Funnel Aloft
										Funnel cloud reported by air and ground observers. Possible brief touchdown in timbered area.
Albuquerque Bernalillo County	20	Evening					5	?		Heavy Rain, Flooding
										Thunderstorms with rainfall estimated to two inches or more severely damaged roads in valley and West Mesa sections of Albuquerque. Some minor flood damage in houses.
Lea County	20-21	Night and Day Long			0	0	5	?		Heavy Rain, Flooding
										Continuous heavy rain with storm totals in excess of four inches blocked railroads and highways. Pooling water damaged many houses.
Anthony, Dona Ana County	23	6:30 p.			0	0	-	-		Funnel Aloft
										Three funnel clouds reported by pilot over and just north of Anthony.
Near Hobbs, Lea County	23	8:22 p.	?	?	0	0	0	0		Tornado
										Tornado reported on the ground by Hobbs Police Department. No report of damage.
10 miles NE of Columbus, Luna County	25	3:15 p.	9	?	0	0	0	0		Tornado
										Five adults witnessed tornado form and travel 8 to 10 miles across open rangeland before dissipating.
Los Alamos, Los Alamos County	29	11:35 a.			0	0	0	0		Funnel Aloft
										Ground observer saw funnel extend from parent cloud for about 45 seconds then retreat.
<b>NEW YORK COASTAL</b> New York City	6	11a - 8p			0	0	?	0		Thunderstorm
										A thunderstorm dropped 1.78 inches of rain on New York City, of which 1.43 inches fell between 4 and 5 pm. This resulted in serious urban flooding. Traffic was halted on most of the highways. Some subways were flooded.
Entire Area	13-15				0	0	?	0		Rain
										Intermittent heavy rain during the three day period totalled 3.63 inches. A mud slide blocked one highway on Staten Island on 7/13. Urban flooding caused only minor problems. Flash flooding of small streams was reported in Rockland and Westchester Counties.
Entire Area	20-21	5p - 3a			0	0	?	0		Rain
										Another downpour which totalled 1.84 inches in Central Park again caused extensive urban and flash flooding throughout the area.
Entire Area	24-25	1p - 7p			0	0	?	0		Rain
										As rain continues. Total rainfall at Central Park was 2.49 inches. Urban flooding once again disrupted all types of commuter traffic. Total rainfall for Central Park for the month of July was 11.77 inches, only .12 inches short of the record for the month.
<b>NEW YORK CENTRAL</b> COPENHAGEN, LEWIS CO.	7	1:15 PM			1	0	0	0		SEVERE THUNDERSTORM
										A 16 YEAR OLD YOUTH WAS KILLED BY LIGHTNING WHILE DRIVING A TRACTOR.
AREAWIDE	9				0	1	6		°C	SEVERE THUNDERSTORMS
										NUMEROUS THUNDERSTORMS, SOME SEVERE, MOVED SOUTHEASTWARD THRU THE AREA DURING THE DAY CAUSING CONSIDERABLE DAMAGE. SHERBURNE IN CENANGO CO. WAS HARDEST HIT WITH DAMAGE ESTIMATED AT ONE MILLION DOLLARS. ALSO, ABOUT 4:40 PM A SHERBURNE YOUTH WAS SERIOUSLY INJURED WHEN WIND CAUSED A BARN TO COLLAPSE ON HIM. SECTIONS OF THE UPPER HUDSON VALLEY HAD MORE THAN 2 INCHES OF RAIN AND HAIL TO 3/4 INCHES IN DIAMETER.
CATSKILLS...LOWER HUDSON VALLEY	12-15				0	0	7		°C	HEAVY RAIN
										A NEARLY STATIONARY WEATHER SYSTEM RESULTED IN A PROLONGED PERIOD OF SHOWERS AND THUNDERSTORMS CAUSING UNUSUALLY HEAVY RAINFALL THRU THE AREA. AMOUNTS EXCEEDED 8 INCHES DURING THE PERIOD AT POUGHKEEPSIE AND MANY STATIONS REPORTED BETWEEN 4 AND 8 INCHES. CONSIDERABLE FLOODING PRODUCED WIDESPREAD DAMAGE. THE WAPPINGERS CREEK AREA OF THE LOWER HUDSON VALLEY WAS VERY HARD HIT.
<b>NEW YORK (continued)</b> CENTRAL										
ONONDAGA COUNTY	12	PM			0	0	4		°C	SEVERE THUNDERSTORM
										A SEVERE THUNDERSTORM MOVED THRU ONONDAGA COUNTY CAUSING DOWNED TREES AND POWERLINES AND SOME STRUCTURAL DAMAGE.
AREAWIDE	20	PM			0	0	5		°C	SEVERE THUNDERSTORMS
										SCATTERED SEVERE THUNDERSTORMS MOVED THRU THE AREA CAUSING DOWNED TREES AND POWERLINES, SOME STRUCTURAL DAMAGE AND LOCAL FLOODING. SYRACUSE HAD HEAVY RAIN FOR THE SECOND NIGHT IN A ROW. WATERTOWN RECORDED GUSTS TO 60 MPH WHICH OVERTURNED A FEW MOBILE HOMES AND SIX SAILBOATS COMPETING IN A CHAMPIONSHIP RACE. UP TO 5 INCHES OF RAIN WAS RECORDED BY HUDSON VALLEY COOPERATIVE OBSERVERS.
AREAWIDE	24	PM			0	0	5		°C	SEVERE THUNDERSTORMS
										SCATTERED SEVERE THUNDERSTORMS MOVED THRU THE AREA CAUSING DOWNED TREES AND POWERLINES, SOME STRUCTURAL DAMAGE AND LOCAL FLOODING. THREE TRAILERS OVERTURNED IN ONEIDA COUNTY AND A POSSIBLE FUNNEL CLOUD WAS REPORTED NEAR LAKE DELTA
<b>NEW YORK WESTERN</b> Allegany and Steuben Counties	3	10-12AM			0	0	?	?		Hail, Thunderstorm
										Thunderstorms with large hail and strong winds caused extensive damages mostly to crops and windows. In Corning, hailstones varied in size up to golf ball size and clogged storm drains causing minor flooding.
Erie and Cattaraugus Counties	24	Afternoon			1	6	?	?		Thunderstorms
										Thunderstorms with strong winds struck a trailer park near Yorkshire (Cattaraugus) and destroyed 3 mobile homes, damaged 2 others, and injured 6 people. In Elma (Erie), a tree limb was felled across a road. A driver tried to avoid the tree but hit a pole and was killed.
Monroe County Rochester	24	Afternoon			1	12	?	?		Thunderstorm
										Lightning struck a tree under which 30 people had gone for shelter from rain. Thirteen (13) people were injured by the strike. One week later one girl died and two others were still critical.
<b>NORTH CAROLINA</b>										SEE END OF TABLE
<b>NORTH DAKOTA</b> Garske Area	4	7:15 P	?	?	0	0	0	0		Tornado
										Tornado touched down briefly five miles northeast of Garske. No damage or injuries.
Devils Lake Area	4	7:15 P	?	?	0	0	0	0		Tornado
										Tornado dipped to ground briefly three miles northeast of Devils Lake. No damage or injuries.
Enderlin	7	4:15 P	0	0	0	0	0	0		Funnel
										Funnel cloud reported over Enderlin.
Argusville	7	Afternoon	?	?	0	0	0	?		Tornado
										Tornado sighted five miles east of Argusville. Trees uprooted.
Valley City Area	9	1:19 P	?	?	0	0	0	0		Tornado
										Tornado touched down briefly one mile southeast of Valley City. No damage or injuries.
Minot Area	15	2:45 P			0	0	?	?		Wind
										Strong wind, up to 80 mph, hit Minot Air Force Base producing major damage to a B52. Strong wind also reported nine miles northwest of Ruthville destroying a small building and blowing over camper trailers.
Cando	15	Evening			0	0	0	?		Rain, Wind
										Heavy rain/1.55" with strong wind destroyed crops in Cando area.
Divide, Burke Counties	17-18	Evening-Morning			0	0	0	?		Hail
										Golf ball size hail fell on portions of Divide and Burke Counties. Up to 100 percent crop loss in some areas. No injuries.
Ward, Mountrail Counties	18	5:30 A			0	0	?	?		Wind
										Strong wind/50 mph at Minot...70 mph at Parshall, whipped across Ward and eastern Mountrail Counties. Trees blown over in Minot area, three buildings damaged or destroyed at Parshall.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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	
<b>NORTH DAKOTA (continued)</b>									
Fairmount	22	Evening			0	0	?	0	Wind
									Strong winds destroyed grain bins in Fairmount area.
Bismarck Area	30	6:25 P			0	0	0	?	Hail
									Golf ball size hail destroyed crops 10 miles northwest Bismarck.
Bismarck	31	5:20 P			0	0	?	?	Hail, Rain
									Heavy rain/1.83 Bismarck Airport...nearly 4 inches center part of City fell on Bismarck during late afternoon. Walnut size hail northern section of City. Many basements flooded.
<b>OHIO</b>			SEE END OF TABLE						
<b>OKLAHOMA</b>									
Shattuck Area, Ellis County	6	5:00 p.			0	2	5	0	Wind, lightning
									Two people were injured when wind completely destroyed three trailer houses. The trailer houses were not tied down. Roofs of several buildings were torn off, one wall of an elementary school was damaged and lightning damaged a church. A number of trees were also damaged or destroyed.
Near Dover, Kingfisher County	6	6:00 p.			0	0	4	0	Wind
									A total of six trailers and cabins were destroyed or severely damaged by strong straight winds. Power lines were also downed.
Quapaw, Ottawa County	6	9:00 p.			0	6	0	0	Lightning
									Six persons were injured when they were struck by lightning at an Indian Ceremonial Meeting.
Chickasha, Grady County	7	3:30 p.			0	6	4	0	Wind
									Winds estimated at greater than 70 m.p.h. heavily damaged the roof of a supermarket. Six persons near the store received minor injuries. Five highline utility poles were downed.
Cherokee, Alfalfa County	7	5:45 p.			0	2	4	0	Wind
									Two people were injured in a thunderstorm in which winds were clocked at 65 m.p.h. A motel and several houses sustained roof damages. An empty mobile home was destroyed and a pharmacy building under construction was flattened.
Extreme NW Texas County	10	4:15 p.	3	60	0	0	4	0	Tornado
									A tornado apparently touched down momentarily northeast of Elkhart, Kansas with no apparent damage. The tornado then skipped over Elkhart and touched down southwest of Elkhart in extreme northwest Texas County of Oklahoma. Movement was from the northeast toward the southwest. A new mobile home was destroyed. Occupants were not at home. A service shop and two vehicles were damaged.
Warner, Muskogee County	23	Evening			0	0	4	0	Wind, lightning
									About one-half of a barn was destroyed by straight winds. Two horses were struck and killed by lightning.
Kiowa County	23-24				0	0	4	4	Heavy Rains
									Up to 7 1/2 inches of rain fell in Kiowa County on July 23rd causing flash flooding of lowlands and sending creeks out of their banks. Four persons were rescued after their vehicles were washed off the highway west of Hobart by the rising waters of Big Elk Creek. Cotton suffered minor damage. Several small bridges were washed out and there was some road damage.
El Reno Area, Canadian County	23-29				0	0	5	?	Heavy Rain
									Over 6 inches of rain falling in less than a 24-hour period caused extensive flooding in the El Reno area. Flood damage occurred to a number of residences and considerable road damage was reported. About 30 people were evacuated through Red Cross efforts. More than 2 inches of additional rain over the next few days caused some additional flooding.
Near Billings, Noble County	26	4:20 p.							Funnel Aloft
									A funnel cloud was sighted 9 miles east of Billings.
Lake Eucha Area, Delaware County	27	2:00 a. - 9:00 a.			0	0	4	0	Heavy Rain
									More than 10 inches of rain fell in a 7-hour period in the Lake Eucha area causing extensive road damage. Several homes were also damaged.
Harrah area, Oklahoma County	29	11:15 a.			0	0	4	0	Wind
									A mobile home was destroyed when strong straight winds flipped it upside down. The occupants were not at home.
<b>OKLAHOMA (continued)</b>									
Rush Springs Area, Grady County	29	2:00 p.					4	0	Heavy Rain, Lightning
									Heavy rains on the 29th caused local flooding in the area. A pony was lost in the flood. Carpeting was damaged in a church. A cow was killed by lightning. Over 12 inches of rain fell in the 6-day period ending the 29th.
<b>OREGON</b>									
Condon, Heppner and Ukiah	9	7pm to 10pm			0	0	unknow		severe thunderstorm
									Severe Thunderstorms moved through the area. Ukiah reported 2.28 inches of rain in less than an hour. Crops were damaged and a house burned as the result of a lightning strike
Klamath Falls	12	Approx. 7:45PM to 9PM EDT			0	0	Unk	Unk	Thundershower
									A severe thundershower moved across the Klamath Basin during the evening of July 12, 1975. Rainfall amounts at the Klamath Falls Airport ranged from 1.48 inches at the Air Force site to 1.08 inches at the National Weather Service Ag. site. Duration of the rain was approximately 1 hour 18 mins. Maximum winds, as measured by the Air Force, were 24 knots.
Wallowa county	14-20				0	0	6	5	Flash Flood
									Heavy rains along with spring snowmelt caused substantial damage to crops roads and buildings. A flash flood was reported on the 12th.
Wale and Ontario	29	2pm to 4pm			0	5	7	?	A severe thunderstorm and high winds.
									A severe thunderstorm swept through the area. Winds were estimated at 50mph at Wale and near 100mph at Ontario.
<b>PACIFIC</b>									
NONE REPORTED									
<b>PENNSYLVANIA</b>									
<b>EASTERN</b>									
Luzerne, Carbon, Lehigh, Northampton, Bucks, Cumberland, York, Dauphin, and Lancaster Counties	3	2 to 4 PM EDT			0	0	6	4	Electrical, Hail Wind, Heavy Rain
									Thunderstorm activity over Eastern Pennsylvania was more intense in the counties mentioned. One of the hardest hit locations was Codorus State Park in York County, where wind gust estimated at 60 MPH caused extremely high waves that resulted in \$500,000 damage to boats and docks. Lightning combined with the winds to damage numerous buildings and down trees and power lines, interrupting service to 25,000 customers. Golf-ball size hail around Bloomingdale, Luzerne County caused considerable crop damage especially to tomatoes. Three-quarter inch hail was reported at Morrisville, Bucks County, and at the Allentown-Bethlehem-Easton Airport in Lehigh County. Large hail in the Juddo, Luzerne County area damaged houses, trees and gardens and accumulated to 1 to 2 inches on the ground. Wind gusts to 60 mph were reported at the Allentown Airport, and in excess of 60 mph at Morrisville. Some roadway flooding occurred from the heavy rains associated with the thunderstorms.
Lancaster, Chester, Delaware, Philadelphia, Montgomery, Berks, Lehigh, Carbon and Luzerne Counties	9	12 noon to 6 PM EDT			1	4	5	0	Electrical, Heavy Rain
									Thunderstorms over Eastern Pennsylvania caused considerable lightning strikes and locally heavy rain in the specified counties. Lightning struck and killed a 14-year old boy in Drexel Hill, Delaware County, and injured 4 of his companions. Lightning killed 7 cows at Bringsville, Lehigh County. More than a dozen lightning fires occurred in the counties listed and power outages to 8000 customers were reported. Locally heavy rain caused some flooding of roadways and basements. The heaviest amount reported was 2.69 inches in one hour at Landisville, Lancaster County.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>PENNSYLVANIA (continued) EASTERN</b>									
Lancaster, Berks, Lehigh, Bucks, Montgomery, Chester Delaware and Philadelphia Counties	12-13 14				1	0	6	0	Heavy Rain, Wind
									A nearly stationary front north to south over Pennsylvania caused rain and thunderstorms over eastern sections, off and on, for the three days. The rain was torrential during some of these times in the specified counties. Perkasie, Bucks County, reported 7.00 inches, and Lansdale, Montgomery County, had 5.11 inches. West Chester, Chester County, had 4.94 inches on the 12th and 13th and Schuylkill, Montgomery County, had 6.00 inches in 30 hours. Amounts of 2 inches or more in 24 hours and 4 inches or more for the 3 days were common in the specified counties. The rains caused widespread stream and roadway flooding. Some river flooding and many homes and other buildings to be flooded. Several bridges were washed out. Some localized wind gusts also accompanied the thunderstorms. Near Peach Bottom, Lancaster County, wind snapped off utility poles and destroyed a large chicken house valued at \$50,000. One car was drowned in a rain-swollen stream at a summer camp.
Levittown, Bristol Township	13	7:30 PM EDT			0	0	4	0	Tornado FPP 101
									A tornado touched down briefly in Bucks County ripping off portions of roofs on houses and apartments, twisting and ripping off trees and utility poles, and overturning cars and truck-size trash containers.
Luzerne, Schuylkill Berks, Lancaster, Chester, Delaware, Bucks, Lehigh and Northampton Counties	20-21	5:00 PM to 3:00 AM EDT			0	0	4	0	Heavy Rain, Wind, Electrical
									Thunderstorms over Eastern Pennsylvania accompanied by 1 to 2 inch rainfalls caused widespread stream and roadway flooding in the counties mentioned. Many roads, including the Pennsylvania Turnpike, were at least partially blocked by mudslides. The stream flooding entered some homes and isolated others. A camp in Lancaster County was flooded, damaging the office and some camping equipment. In the Lake Henry area of Luzerne County a dozen large trees were uprooted by the wind. The winds and lightning combined to cause many power outages.
Wayne, Lackawanna, Carbon, Schuylkill, Monroe, Northampton, Lehigh, Berks and Chester Counties	24	7:00 PM EDT to midnight			0	0	5	0	Heavy Rain, Wind, Electrical
									Thunderstorms moving across Eastern Pennsylvania downed many trees and power lines causing outages to over 20,000 customers. Lightning also contributed to these power outages and started numerous fires destroying two barns and killing two cows. The thunderstorms were also accompanied by heavy downpours in Carbon, Schuylkill, Monroe and Northampton Counties. Stream and roadway flooding resulted with some road washouts and mud slides
Wayne, Lackawanna, Carbon, Schuylkill, Monroe, Northampton, Lehigh, Berks and Chester Counties	24	7:00 PM EDT to midnight			0	0	5	0	Heavy Rain, Wind, Electrical
continued									blocking roadways. Some basement flooding also occurred. Some precipitation amounts reported were 2.7 inches at Tamaqua, 3.7 Lehigh and 3.77 at Mahanoy City..
New Philadelphia Schuylkill County	24	8 PM EDT			0	0	2	0	Tornado FPP 000
									A tornado touched down cutting a 30 foot wide swath through a wooded area. The trees were down in all directions and homes close to the path were only slightly damaged.
<b>PENNSYLVANIA (continued) WESTERN</b>									
	16	5 - 6pm			1	2			Electrical
									A 12-year-old girl was killed by a bolt of lightning while working on a farm in North Lebanon Township, Indiana County, just south of Runxutawney. Injured by the same lightning were her uncle and brother. The three were leading bales of hay into a pickup truck atop a hill when lightning struck. The girl was in the truck at the time and the men were on the ground. Five other persons in the truck were not injured. The men had stopped breathing but were revived by chest massage and mouth-to-mouth resuscitation. The girl failed to respond to treatment. Death was attributed by the coroner to ventricular fibrillation caused by lightning.
Mercer County	24	3-5 p.m.			0	0	4	3	Wind, lightning, rain and hail
									In Fredonia, Sneakleville, Mercer, Hartstown and Wheatland, many branches and telephone and power lines down; damage to car roofs, and TV antennas. Lightning caused a major fire in Greene Township, set a house ablaze in Hartford Township while damaging two other houses there and destroyed a large barn near Jamestown along with its contents of 5000 bales of hay, some oats and a riding mower. The wind caused an auto accident on I-80, resulting in a new travel trailer being jackknifed.
Butler County		5-6 p.m.			0	0	4	7	Wind and rain
									Considerable damage to trees, wires, light weight outdoor furniture, portable swimming pools as well as minor structural damage. Flash flooding in Butler at Pullman-Standard caused temporary closing of plant.
<b>RHODE ISLAND NONE REPORTED</b>									
<b>SOUTH CAROLINA</b>									
Northern and Central S.C.	4	P.M.	-	-	0	0	5	6	Wind, hail, lightning
									Scattered damaging thunderstorms ahead of southward moving cold front caused extensive hail damage in northeastern S.C., especially near Dillon, Kingstree, and Johnsonville area. Wind damage to trees and roofs in Lee County and near Cayce in Lexington County.
Sumter and Laurens County	10	4:30 P.M.	-	-	0	0	4	3	Wind
									Wind damaged mobile home and barn and three residences near Mountville.
2 Mi. South of Ruby	13	5:00 P.M.	1/4	50	0	0	3	2	Tornado
									Small tornado mostly aloft; damaged trees and one building.
Central & Northern S.C.	14	P.M.	-	-	0	0	3	2	Wind, Rain
									Mobile home destroyed at South Congaree. Flash flooding caused some damage in Rock Hill area.
Eastern S.C. and Central S.C.	13-18		-	-	0	0	4	6	Rains, Flooding
									Frequent thundershowers accompanied by heavy rains caused considerable crop damage. Extensive lowland flooding along Pee Dee River during last half of month with lesser damage on Broad, Lynch, and Little Pee Dee. Extensive localized flooding vicinity of heavier thundershowers on 18th in Dillon, Denmark, Kershaw areas.
Western Central and Northern S.C.	24	P.M.	-	-	0	0	4	0	Lightning
									Lightning burned homes in Chester, Columbia. Killed three cows in Pickens.
									Considerable localized wind or lightning damage reported during month, including 6th in Anderson area, 12th near Paris Play, 8th in Seneca, 28th near Sumter and 30th Cedar Creek - Winnsboro areas.
<b>SOUTH DAKOTA</b>									
Moody County	5	Evening	5	200	-	-	0	5	Hail
									Hail driven by strong winds damaged row crops and small grain northwest of Flandreau. Lightning strikes within Flandreau caused power outages in sections of town.
Miner County	5	Evening	-	-	-	-	4	4	Hail
									Hail and strong winds damaged crops and some roofs in the Carthage area.
Meade County	6	Mid-day	-	-	-	-	-	-	Rain, Strong Winds
									Rain and strong winds blew over three granaries. Heavy rains, estimated as much as four inches, caused some minor flooding in some areas.

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>SOUTH DAKOTA (continued)</b>										<b>TEXAS</b>										
Marshall County	22	6:30 PM	-	-	-	1	4	4	Hail, Heavy Rain and High Winds.	BROWNSVILLE Cameron County	1	1220	?	?	0	0	0	0	Funnel	
									Thunderstorms created hail, heavy rain and high winds which damaged both crops and buildings within the county. A lady was injured when the winds overturned a trailer in the vicinity of Hill head.										Reported 2 mi. north of Brownsville. Touched briefly over open field.	
									Elsewhere in the state, lightning strikes caused power outages at various communities and started fires in rangeland areas in the West River areas.	BROWNSVILLE Cameron County	1	1330			0	0	0	0	Funnel	
Black Hills and Immediate Area	23	Afternoon	-	-	-	-	0	0	Heavy Rain	SPRING Harris County	2	1033	?	?	0	0	0	0	Funnel	
									Thunderstorm activity over the Black Hills developed into heavy rain and some hail. There was some minor flooding with roads being washed out. Ranches in the Windcave area received heavy rain and hail. Rains in excess of two inches or more fell west of Buffalo Gap.	HOUSTON Harris County	2	1250			0	0				Funnel
																				Tornado reported by tower personnel at just SW of TAH - no confirmation.
Kingsbury County	27	Evening	5	1,000	-	-	4	5	Hail, Heavy Rain	MISSION Hidalgo County	2	1416	?	?	0	0	?	?	Tornado	
									Rain and hail damaged the corn in the vicinity of De Smet. In some fields, the damage was as high as 80% of the crop while in others, the damage was just 20%.											10 miles southeast of Mission, touched down briefly, no damage reports.
Stanley County	29	Night	-	-	-	-	4	5	Lightning	MCCALLEN Hidalgo County	2	1550	?	?	0	0	?	?	Funnel	
									In the Fort Pierre area, lightning destroyed a house and set fire to stacked hay on several farms. It is estimated that between 3,000 and 4,000 bales were burned. Minor damage to several houses was caused by lightning strikes.											Reported by public 5 miles SE of McAllen. No damage reports received.
Haakon County	30	5 PM MST	-	-	-	-	4	-	Tornado	LUFKIN Angelina County	2	1614	?	?	0	0	?	?	Funnel	
									A tornado 35 miles north and two miles west of Philip destroyed a barn and other farm buildings. Windows in a nearby house were broken. A tractor in the yard was destroyed.											Reported by public 10 miles west of city
Brown County	30	7 PM CDT	-	-	-	-	-	-	Large Hail	PORT BOLIVAR Galveston County	4	1100	?	?	0	0	?	?	Tornado	
									A severe thunderstorm with hail as large as two inches in diameter was reported 23 miles west of Warner.											Reportedly touched briefly on Bolivar peninsula, no damage reports
<b>TENNESSEE</b>										KATY Fort Bend County	12	1550	?	?	0	0	?	?	Tornado	
Paris, Henry County	4	5:03 p.							Lightning											No reports of damage
									Lightning struck several homes and the ensuing fires caused considerable property damage.	BANDERA Bandera County	12	Evening			1	1	?	?	Electrical	
Savannah, Hardin County	5	6:30 p.							Wind storm											9-year old girl was struck by lightning after taking refuge under a tree. Her mother was also injured.
									High winds accompanying a thunderstorm destroyed two mobile homes and damaged several houses.	HOUSTON Harris County	14	1600	?	?	0	0	?	?	Funnel	
Gibson County	5	8:00 p.				2	4		Severe thunderstorm											Reportedly touched down briefly with some roof damage reported, no estimate of damage
									The damage to individual buildings was light but covered a big area and affected around 80 units. Damage to five mobile homes was also reported.	CORPUS CHRISTI Nueces County	15	1000	?	?	0	0	2	?	Winds	
Antioch, Davidson County	17	5:30 p.				1			Lightning											First reported as tornado but on site survey indicated straight line winds.
									A 19-year-old youth was struck by lightning as he tossed a football on the field of an Antioch School.	GALVESTON Galveston County	23	1100	?	?	0	0	?	?	Waterspout	
Nashville, Davidson County	19	2:30 p.				1			Flash flooding											Spotted over Galveston Bay. No damage reported.
									Heavy rain in the area including over 2 inches in one hour measured at the airport caused flooding. A 16-year-old youth was swept by heavy rain into a drainage ditch and carried a considerable distance causing serious injury. He died two days later.	KEMAH Chambers County	24	1305	?	?	0	0	?	?	Funnel	
Kenton, Gibson County	20	12:30 a.					5		Lightning											Along shore of Galveston Bay south of Kemah. Never touched down.
									Lightning struck two homes causing fires that completely destroyed the buildings and contents including many antiques.	GALVESTON Galveston County	26	0720	?	?	0	0	?	?	Waterspout	
Humboldt, Gibson County	20	1:00 a.					5		Flash flooding											Waterspout was along jetty entrance to Galveston Bay, did not move onshore.
									Very heavy rain ranging from 7 to 9 inches in a few hours caused extensive flooding. 200 persons were evacuated from their homes. 50 homes, 5 businesses, and a church were seriously damaged. Depth of water in homes ranged from 36 to 42 inches.	KEMAH Chambers County	28	1800	?	?	0	0	?	?	Waterspout	
Lebanon, Wilson County	24	1:00 p.					4		Severe thunderstorm											Did not move onshore.
									Strong winds unroofed one business, considerable water damage to contents.	<b>TEXAS CENTRAL</b>										
										Near Cleburne State Park, Johnson Co.	3	9:55a								Funnel cloud
										N. of Corsicana Navarro Co.	3	2:20p	?	?	0	0	4	0	Tornado	
										N. of Sunset Montague Co.	4	11:45a	?	?	0	0	?	?	Tornado	
										Vernon, Wilbarger Co.	11	5:08p			0	0	?	?	Hail	
										SNW Haskell Haskell Co.	19	2:30p								Funnel cloud
																				Observed moving to NE at 25 mph.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>TEXAS (continued)</b>										<b>UTAH</b>										
<b>CENTRAL</b>										<b>Salt Lake County</b>										
Haskell, Jones, and Taylor Counties	19-20					0	0	?	?	Flooding	4	7:00 p. - 10:00 p.	0	0	0	0	4	0	Severe lightning	
																			Series of moderate to strong thunderstorms struck Salt Lake Valley with gusty surface winds, and numerous severe lightning strikes. Power outages were numerous. A major large industrial plant on the west side of the valley sustained electrical damages to equipment estimated at \$10,000 to \$20,000.	
Bowie, Montague Co.	24-25	3:00p - 5:00a				0	0	?	?	Heavy rain	10	4:00 p. - 8:00 p.	0	0	0	0	5	0	Heavy rainstorm.	
																			Heavy rainfall associated with numerous strong thunderstorms occurred over most of Western Utah. Widespread power outages were noted. Flash floods were noted in Salt Lake City, Ogden, and around Cedar City, resulting in numerous minor auto accidents. Mud slides cut canyon roads in Provo and American Fork Canyons. Damages to property and highways were estimated at \$75,000.	
15 S of Baird Callahan Co.	24	4:05p								Funnel cloud	12	8:00 p. - 10:00 p.	0	0	0	0	5	4	Heavy rainstorm.	
																			Strong thunderstorms with heavy rainfall hit the central mountain area of Western Utah late in the evening. Flash flooding wiped out portions of a 27-mile stretch of highway US 50-6 near Hinckley, with damages around \$100,000. Flash flooding handicapped travel near Richfield and caused damages running up to \$50,000 to a turkey farm near Annabell. Flooding caused damages of \$30,000 to field crops near Marysville.	
Wichita Falls Wichita County	24-25	Around midnight				0	0	?	?	Flooding	Millard, Sevier, and Piute Counties									
Dallas-Tarrant Counties	24-25					0	0	5	0	Heavy rain, flooding	Box Elder	30	2:00 p. - 6:00 p.	15	2,000	0	0	0	5	Hail storm
Wilbarger/Hardeman Counties	24-25					0	0	?	?	Heavy rain, Flooding										
1 E of Tuxedo Jones Co.	25	9:40a								Funnel cloud	<b>VERMONT</b>									
											<b>NORTHERN</b>									
Near Rowlett Dallas Co.	25	11:10a	?	?	0	0	0	0	0	Tornado	8 PM 0 2 5 °C SEVERE THUNDERSTORMS									
											SEVERE THUNDERSTORMS MOVED THROUGH THE AREA RESULTING IN DOWNED TREES AND POWERLINES AND SOME STRUCTURAL DAMAGE. TWO TRAILERS WERE BLOWN OVER IN COLCHESTER. A CHARLOTTE TRAILER WAS OVERTURNED BY WIND CAUSING TWO MINOR INJURIES.									
W of Cooper, Delta Co.	27	8:00p								Funnel cloud	<b>SOUTHERN</b>									
											12 15 0 0 4 °C HEAVY RAIN									
Wolfe City, Hunt Co.	27	evening								Funnel cloud	A NEARLY STATIONARY WEATHER SYSTEM RESULTED IN A PROLONGED PERIOD OF SHOWERS AND THUNDERSTORMS. HEAVY RAINS AMOUNTING TO MORE THAN 4" IN SOME AREAS, PRODUCED SOME FLOODING.									
Leveretts Chapel Rusk Co.	28	4:30p	?	?	0	0	5	0	0	Tornado, Rain	<b>NORTHERN</b>									
											24 PM 0 0 5 °C SEVERE THUNDERSTORMS									
Flower Mound Denton Co.	29	3:10p			0	0	4	0	0	Windstorm	SEVERE THUNDERSTORMS MOVED THROUGH THE AREA RESULTING IN DOWNED TREES AND POWERLINES AND SOME STRUCTURAL DAMAGE. WINDS REACHED 75 MPH AT ST. ALBANS.									
											<b>VIRGINIA</b>									
Ellis County	29	4:00p - 5:30p			0	0	?	?	?	Windstorm	<b>VIRGIN ISLANDS</b>									
											NONE REPORTED									
Red Oak, Ellis Co.	29	4:30p			0	0	?	?	?	Funnel cloud, Wind	<b>WASHINGTON</b>									
											Northern Portion Washington State									
											6-10 5 5 Thunderstorms Wind, Hail, and Flash floods									
											A series of thunderstorms covered most of the northern portion of the state at times. Some of the consequences:									
											6 Local strong winds and flash floods Spokane area.									
											7 17 Forest fires (all small) started by lightning in the Olympic National Forest. Barn near Orin destroyed by lightning fire with large equipment loss.									
											7 Lightning damage in Whatcom and Glannon counties with building damaged by fire and utility outages.									
											6-9 15 minute barrage of hailstones in Chelan area with diameters estimated to over an inch and a half. Entire 43 acre orchard crop destroyed with much tree breakage and foliage destroyed.									
											9 178 lightning caused fires (all small) in the Okanogan National Forest.									
											9 Two to three thousand acres of wheat destroyed by lightning caused fires near Lin.									
<b>TEXAS WESTERN</b>																				
5 miles Northwest of Stinnett, Hutchinson County	9	8:25P	?	?	0	0	0	0	0	Tornado										
											Touched down briefly. Observed by Hutchinson County Sheriff's Department.									
Near Pampa, Gray County	13	7:25P	?	?	0	0	0	0	0	Hail										
											Hail to 3 1/8 inches in diameter reported near Pampa. No known damage.									
Near Tahoka, Lynn County	20	4:30P-	?	?	0	0	0	0	0	Tornado										
											Touched down briefly, observed moving west-northwest.									
Near Wheeler and Shamrock, Wheeler County	23	1:25 PM	0	0	0	0	0	0	0	Several Funnel Aloft.										
											Several funnel clouds reported near Wheeler and Shamrock. May have touched down very briefly. No known damage.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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					KILLED	INJURED	PROPERTY	CROPS		
<b>WASHINGTON (continued)</b>										
Eastern Washington	11						4	4		
			Extensive cherry and apple damage by hail in the Cashmere area.							
	12						5	5		
			Extensive thunderstorm activity over Eastern Washington: 19,000 acres fallow land damaged by erosion due flash floods near Ritzville and Lind. Six inches rainfall observed in six hours near Ritzville while a nearby farm lost over 300 acres of wheat in a lightning caused fire. Total wheat lost by fire totaled over 1300 acres. Other buildings and trees destroyed by strong winds. Flash flood Oak area with 2,000 gallons diesel oil spilled from smudge pots.							
	12								Funnel Cloud	
			Funnel cloud sighted northeast of Spokane. Was not observed to touch the ground and no damage was reported.							
	14						4	4		
			Hail damage from Oregon border northward to Waitsburg. 561 acres wheat damaged near Walla Walla and numerous utility outages.							
Hartline and Wilbur area.	17						5	4	Thunderstorms	
			375 miles of graveled roads destroyed by flash floods in the Hartline Wilbur area. Wheat knocked down and damaged by rain and hail.							
<b>WEST VIRGINIA</b>										
Wood County	7	afternoon				1	3	1	0	Lightning
			Lightning struck a barn under construction in Washington, WV. Two men were working on the roof, two children were on the ground. One of the men on the roof was killed, the others were injured.							
Northern and Eastern Sections	10	aftn. and evening				0	0	4	6	Wind, large hail, heavy rain
			Thunderstorms associated with a cold front moved across northern and eastern West Virginia producing large hail and damaging winds. One inch hail was reported 3 miles south of Buckhannon, WV; golf ball size 10 miles east of Grafton; 3/4 inch hail at Parkersburg; two inch hail at both Vienna, WV and 14 miles southwest of Morgantown. Hardest hit was the southwestern section of Jefferson County in the Eastern Panhandle. At the height of the storm, winds were estimated at 65 mph. Hail which accompanied the storms caused extremely heavy destruction on at least a half dozen larger farms and orchards. No injuries or deaths were reported.							
Raleigh County	23	7:00 PM				1	2	4	3	Wind, hail, lightning
			A slow moving but intense thunderstorm occurred in the Beckley area around 7 PM EDT. Winds were recorded to 50 mph at the Raleigh County Airport. Near Grandview State Park, 5 miles east of the airport, crops were badly damaged or completely destroyed. Hail the size of ice cubes fell over the area with such quantity they could be picked up with buckets. One and three-quarters inches of rain fell in a two hour period. At Daniels, 3 miles east of the airport, one man was killed and two others injured when lightning struck the barn they were working in.							
<b>WISCONSIN</b>										
Reedburg area, Sauk County	3	12:45p				0	0	?	C	Thunderstorm Hail
			One inch hail fell during a thunderstorm and caused minor crop damage.							
Baraboo area, Sauk County	3	1:00p-1:15p				0	0	5	C	Thunderstorm Hail, Wind
			Brief heavy thunderstorms hit the Baraboo and surrounding areas. Strong thunderstorm winds were estimated in excess of 70 mph in some areas and hail up to 1 and 1/4 inches in diameter were reported. Rainfall amounts ranged up to 3 inches and created some flooding in Baraboo with water one foot in depth over the town's streets. Many trees and power lines were reported down after the storm hit. Two fires were started by lightning strikes. Some crop damage occurred as large hail pelted the surrounding farmlands of Baraboo.							
East of Sauk City, Dane County	3	1:53p				0	0	?	C	Thunderstorm Hail, Wind
			A heavy thunderstorm 5 miles east of Sauk City produced hail 1 and 1/4 inches in diameter and wind gusts estimated to be around 70 mph.							
Waunakee area, Dane County	3	2:05p				0	0	5	C	Thunderstorm Heavy Rain, Hail
			Heavy thunderstorms in the Waunakee area produced 3 inches of rain and hail around 1 inch in diameter. Many home gardens in the Waunakee area were destroyed by hail. Some localized flooding occurred but little damage due to flooding was reported. Large hail during the tempest damaged siding on about 40 homes. Some farmers in the area reported 70 percent losses to crops of corn, oats and wheat.							
<b>WISCONSIN (continued)</b>										
Norwalk, Monroe County	3	4:30p				0	0	?	?	Thunderstorm Hail
			A heavy thunderstorm produced 1 inch hail at Norwalk.							
Hillsboro, Vernon County	3	4:30p				0	0	?	?	Thunderstorm Hail
			A heavy thunderstorm produced 1 inch hail at Hillsboro.							
Mukwonago and North Lake, Waukesha County	3	5:40p				0	0	?	?	Thunderstorm Hail
			A heavy thunderstorm produced 1 inch hail at Mukwonago and North Lake.							
Sharon, Walworth County	3	7:05p				0	0	?	?	Thunderstorm Hail
			A heavy thunderstorm produced 1 inch hail at Sharon.							
Sturgeon Bay, Door County	6	7:00a				0	0	4	0	Lightning
			Fire caused by lightning destroyed 3,000 bales of hay and a barn.							
Sheboygan, Sheboygan County	18	3:00p				0	0	5	0	Thunderstorm Heavy Rain
			Water from a sudden downpour during a thunderstorm caused extensive damage to furniture stored in a furniture warehouse. The roof of the warehouse was under repairs at the time of the sudden cloudburst.							
Grafton, Ozaukee County	19	3:28p				0	0	?	?	Thunderstorm Hail
			A heavy thunderstorm produced 1 inch hail at Grafton.							
<b>WYOMING</b>										
			NO STORM DATA REPORT RECEIVED FOR THIS STATE							
<b>ALABAMA</b>										
Fairhope, Baldwin County	5	4:00-5:00 p.				0	0	4	0	Wind
			Thunderstorms over southern Baldwin County produced damaging winds, mainly Fairhope area. Considerable damage at Fairhope Airport.							
Summerdale, Baldwin County	9	12:45 p.				0	0	4	0	Electrical
			Two-story wood and brick home struck by lightning 1 mile east of Summerdale. Total loss from resulting fire.							
Pell City, St. Clair County	9	3:40 p.				0	0	4	0	Wind
			High wind during thunderstorm unroofed building along U.S. Route 231 just south of Pell City. Storm moved southeast.							
Muscle Shoals, Colbert County	18	5:47 p.				0	0	4	0	Wind
			Severe thunderstorm produced peak wind gust of 81 mph at Muscle Shoals Airport. Two planes were overturned with extensive damage. Another plane with lesser damage. Trees and power lines knocked down in the area.							
Dothan, Houston County	20	Noon				0	0	5	0	Wind, rain
			Severe thunderstorm struck mainly downtown area knocking out plate glass windows. Trees uprooted and power lines down. Five-hour power failure. Falling chimney on a radio-TV repair shop caused considerable damage to roof and merchandise.							
Crossville, DeKalb County	24	Evening				1	0	0	0	Electrical
			A 14-year old girl was killed by lightning near Crossville as she was getting out of automobile.							
Montgomery, Montgomery County	25	Evening				0	0	4	0	Wind, Rain
			Slow-moving heavy thunderstorms dumped over 3 inches of rain in Montgomery area during late afternoon and evening. Considerable flooding. An antique store north of Montgomery was unroofed by high winds.							
South-Central and Southwest Alabama	31	--				0	0	5	C	Rain
			Several days of torrential rains over much of south-central and southwest Alabama at month's end. Besides major river flooding, there was extensive flash-flooding to other areas including Mobile area. Rainfall of 7 to 15 inches over much of the area.							

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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					KILLED	INJURED	PROPERTY	CROPS	
<b>DELAWARE</b>									
Delaware Bay	3	3:45 p.-4:30 p.			3	0	4	0	Wind
					A 14-foot aluminum boat capsized in strong winds about 1/2 mile off Kitt's Hammock; one man was rescued and was treated for shock and bruises; the other occupant was drowned. About 45 minutes later a 34-foot houseboat with three men aboard capsized and sank off Taylor's Bridge located to the northeast of Smyrna. One man managed to swim ashore and the other two were missing and were presumed dead. The cooperative weather observer at Middletown noted very strong winds about this time.				
Rehoboth Beach-Lewes area	9	Afternoon			0	0	3	0	Wind, rain
					Thunderstorm winds swept through a sailboat mooring area, damaging four sailboats. Rain was also heavy, causing minor flooding. Rehoboth Beach Police reported 5 inches between noon and 4 p.m.				
State	10	Evening			0	0	4	0	Rain, lightning, wind
					Thunderstorms drenched scattered areas of the state. During a second straight day of heavy rain at Rehoboth Beach, water as deep as 2 1/2 feet was reported. Lightning and wind knocked out electric service in many areas, affecting thousands of customers. Winds downed trees in scattered locations, especially in the Odessa area.				
State	9-17				2	0	5	7	Rain, wind
					On as many as nine straight days and especially on the 13th and the 14th, persistent southerly flow of moist, unstable air brought heavy rains and flooding in low-lying areas. Some unusually heavy totals were recorded, such as 8.50 inches during a 24-hour period ending on the 13th at the Dover Weather Station, 7 inches of this occurring in 4 hours between 7 a.m. and 11 a.m. Silver Lake and St. Jones River reached record levels. Many Delaware rivers and creeks crested near their all-time records; such as, Red Clay Creek at 8:05 a.m. on the 14th, cresting at 9.21 feet, all-time record 9.93 feet, with creek overflowing banks on four different times; Christiana River cresting at 10.76 feet on 14th, second highest on record, with river overflowing banks on four different times. Two men drowned because of the high waters. A 17-year old boy was drowned in Moore's Lake Dover at 6:00 p.m. on the 18th; evidence indicated that he, while swimming with other youths, was swept away by the flood waters. A 19 year old student was killed at 10:15 p.m. on the 15th when his car plumed into the rain-swollen Red Clay Creek off Barley Mill Road, plowing into a large pocket of water. In Kent County there were 57 reports of people trapped in cars and homes because of high water. Six men were rescued from a log jam in the middle of the Brandywine River when they tried to ride an inflatable raft down the swollen river. The foundations to three houses in the Camden-Wyoming area were collapsed by the flooding waters. Many sections of roads and underpasses became impassable; the underpass at Stanton had water 7 feet deep. The record discharge on the Marshyhope Creek at Adamsville was reached at 11:00 p.m. on the 13th. Major crop damage was reported. State sources in agriculture estimated, late in following month, the crop loss at \$5,400,000 in Sussex County alone. High winds were reported at 3:30 a.m. on 13th near Seaford, overturning a camper and removing the roof of a chicken house.				
Middletown (near)	14	7:40 a.							Tornado
					A pilot flying from the south reported a tornado touching down three times between the Maryland Line and Middletown. No damage was reported.				
New Castle County	20-21	8:00 p.-2:00 a.							Rain
					Thunderstorm rainfall brought considerable minor flooding, especially along the Red Clay Creek which crested at 4:15 a.m. on the 21st at 10:32 feet, the highest on record. Many calls for help from stranded residents were received by fire rescue squads.				
					NOTE: July 1975 was considered by many weather observers as one having the greatest number of severe thunderstorms in Delaware's history.				
<b>FLORIDA</b>									
Valparaiso, Okaloosa County	1	11:34AM EST			0	0	0	0	Waterspout
					A waterspout was reported 7 miles east southeast of Valparaiso.				
Miami, Dade County	1	Late Afternoon			0	1	0	0	Lightning
					A woman was injured slightly when lightning struck a tree in her front yard and traveled through a power line into the house. She was on her knees cleaning out a closet at the time and was thrown out of the closet and across the room.				
Key West, Monroe County	2	10:11AM EST			0	0	0	0	Waterspout
					A waterspout was reported 5 miles east of Key West moving west.				
Key West, Monroe County	2	6:22PM EST			0	0	0	0	Waterspout
					A waterspout lasting 5 minutes was reported 5 miles north of Key West.				
<b>FLORIDA (continued)</b>									
South Bay, Palm Beach County	3	Afternoon			1	0	0	0	Lightning
					A 53-year old sugar cane worker was struck and killed in a cane field 2 miles southeast of South Bay.				
Key West, Monroe County	3	6:40PM EST			0	0	0	0	Waterspout
					A large waterspout was observed one mile north of Key West lasting approximately 13 minutes. A smaller waterspout sighted at the same time 2 miles north northwest of the city dissipated quickly.				
Miami, Dade County	4	2:33PM EST	1	30	0	1	4	0	Tornado
					During a series of severe afternoon thunderstorms, a small tornado dipped down briefly at least two times in the southwest section of the Greater Miami area uprooting trees, tearing out patio screens, knocking down power lines, and in one instance picking up a Fiat automobile and hurling it against the wall of a house. A branch from a nearby tree shattered the living room window of one residence showering a 19-year-old man with glass and causing multiple cuts. An automobile next door was smashed by a falling tree, and a 100-year old tree 4 blocks away was uprooted.				
Broward and Dade Counties	4	2:00PM to 3:30 PM EST			0	1	4	0	Lightning, high wind, rain and hail
					Numerous thunderstorms produced lightning, high winds, heavy rain, and hail. Lightning injured a 18-year old girl when it struck a pavilion she shared with 6 others in Snyder Park in Ft. Lauderdale. Lightning also started a fire in the Snyder Park Gatehouse and in a hotel at Miami Beach. Winds gusting up to 51 mph were measured at Tamiami Airport 2:10 PM. There were numerous reports of trees and utility lines down. Rainfall amounts ranged from 2 to 3-inches and caused some street flooding. Golf ball size hail fell for about 20 minutes and covered the ground along a section of Tamiami Trail in West Miami. The Miami Beach temperature fell to 66 degrees during a thunderstorm and set a new low record for the month of July.				
Arlington, Duval County	5	5:15PM EST	1/10	20	0	0	3	0	Tornado
					A small tornado touched down in the backyard of a private residence. Most of the damage was to trees with some damage to roofs and to a storage shed. There were no injuries. It was reported that the tornado sounded like a train with a screaming sound. A storage shed in the back yard was picked up and hurled across the back fence into a neighbor's yard.				
Miami, Dade County	5	Late Afternoon			0	2	0	0	Lightning
					Two girls were shocked during a thunderstorm when lightning struck a nearby utility pole as they were getting out of an automobile. They were treated at a hospital and released.				
Key West, Monroe County	6	6:43PM EST			0	0	0	0	Waterspout
					A waterspout observed 10 miles north northwest of Key West dissipated after 5 minutes.				
Calhoun County	7	1:57PM EST	1/10	30	0	0	4	0	Tornado
					The Civil Defense office in West Florida reported a tornado touch down 10 miles northwest of Blountstown. One house was badly damaged, two out buildings were damaged, trees were down on power lines, and telephone service in the Blountstown area was out for some time. No injuries were reported.				
Mayo, Lafayette County	8	12:35PM EST			3	6	0	0	Lightning
					Three persons were killed and six injured by lightning while working on a tobacco farm near Mayo. The workers were stringing tobacco under a tin shed during a thunderstorm when lightning struck a nearby walnut tree. Two persons were killed instantly and a third pronounced dead after rescue efforts failed. All nine persons at the scene were knocked down by the lightning bolt.				
Port St. Joe, Gulf County	8	Afternoon			0	0	4	0	Lightning
					A home was destroyed at the old St. Joe Lumber and Export Co. site after it reportedly was struck by lightning. During another thunderstorm, lightning struck a utility pole behind the Florida Power Co. office building causing considerable damage to the electrical switch boxes in the office.				
Orlando, Orange County	8	Late Afternoon and Evening			0	0	4	0	Severe thunderstorms and heavy rain.
					Widespread severe thunderstorm activity was reported in several central Florida counties. Locally heavy rains flooded Orlando streets as much as a foot deep in some areas. Winds uprooted a huge Oak tree and it fell on an Orlando residence. Numerous power outages occurred due to lightning strikes.				



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					KILLED	INJURED	PROPERTY	CROPS	
<b>FLORIDA (continued)</b>									
Brevard County	8	Late Afternoon and Evening			0	0	4	0	Funnel clouds aloft and severe thunderstorms
									Severe thunderstorms moving through the county spawned two funnel clouds and caused widespread damage to power lines and transformers. Funnel clouds were reported near Cocoa at 5:28PM EST, and near Mims in northern Brevard County, time unknown. Civil Defense representatives said that the funnel clouds did not touch down. Both funnels moved eastward toward the Atlantic Ocean where they dissipated. Florida Power and Light Co. reported widespread damage to power lines and transformers, primarily from lightning.
Ft. Lauderdale, Broward County	9	9:00AM EST			0	0	0	0	Waterspouts
									A pilot reported three waterspouts 11 miles southeast of Ft. Lauderdale.
Monroe and Collier Counties	9	9:40AM EST			0	0	0	0	Waterspouts
									A pilot reported that four waterspouts formed and dissipated between Key West and Naples.
Davenport, Polk County	9	Unknown			0	0	4	0	Lightning
									Lightning struck a mobile home causing a fire which destroyed the unit with an estimated \$11,500 in damages. The occupants were away at the time.
Miami Beach, Dade County	10	5:35AM EST			0	0	0	0	Waterspout
									A waterspout was reported off Miami Beach between 79th and 124th streets.
Palm Beach, Palm Beach County	10	1:00PM to 1:30PM EST			0	0	0	0	Waterspouts
									Three waterspouts and three funnel clouds aloft were observed 14 miles east southeast to 6 miles east northeast of Palm Beach.
Titusville, Brevard County	10	3:45PM EST	5	70	0	0	5	0	Tornado
									A tornado reportedly touched down three times along its path from southern Titusville to the Indian River. The tornado first touched down in the Highlands Park subdivision south of State Road 50, skipped over the highway and touched down a second time in the Indian River Heights subdivision with a final touchdown at the Coquina Elementary School.
									The worst damage was sustained in Indian River Heights with other intermittent damage along a northeastward path to Coquina Elementary School where a portable class room was demolished leaving only the floor and foundation. Five or six houses sustained major damage of \$8,000 to \$10,000, and another 6 to 10 houses sustained a combined damage of about \$25,000. Some homes lost roofs, carports and porches, along with broken windows, as well as damage to trees, fences and shrubs. Several cars were demolished by huge falling trees, and numerous power lines were down.
									Total property damage was estimated at around \$125,000. There were no deaths or injuries. One witness, described the tornado as a huge funnel with an unusually large base. Another person indicated that it sounded like a train rolling through. Heavy rain and hail was reported.
Key West, Monroe County	11	6:42AM EST			0	0	0	0	Waterspout
									A waterspout was reported 3 miles west southwest of Key West.
Titusville, Brevard County	11	12:30PM EST	1/10	20	0	0	3	0	Tornado
									Apparently a small tornado touched down briefly during a severe thunderstorm only a few hundred yards from the area which suffered heavy damage less than 24 hours earlier. A large tree was uprooted and a car overturned in the Spring Valley subdivision.
Bonita Springs, Lee County	12	10:00AM EST			0	0	4	0	Lightning
									The roof of a tavern was struck by lightning just prior to opening time collapsing part of the roof and smashing pool tables worth approximately \$5,000.
Sweetwater, Dade County	12	11:00AM EST			0	2	0	0	Lightning
									A brother and sister were struck by lightning during a thunderstorm while visiting their stabled horses. The woman was sitting under a tree and the man was sitting inside his car with his legs dangling out the open door when lightning struck. The woman was rendered unconscious and the man thrown from the car and stunned. Numerous other thunderstorms were reported around the county including 50 mph wind gusts, lightning and heavy rain at Calder Race Course around 11:15 AM EST.
Homestead, Dade County	12	12:17PM EST			0	0	0	0	Waterspout
									A waterspout reported east of Homestead lasted seven minutes.
<b>FLORIDA (continued)</b>									
Ft. Lauderdale, Broward County	12	1:00PM EST			0	0	4	0	High winds
									High winds with estimated gusts to 75 mph shattered a plate glass window and ripped away a portion of the roof of a bowling alley. Rain and strong winds were reported elsewhere around the county causing minor damage. Some 5,000 homes in the county temporarily lost electricity. No injuries were reported.
Tampa, Hillsborough County	12	1:52PM EST			0	0	0	0	Waterspout
									A waterspout was reported over Tampa Bay four miles west of MacDill Air Force Base.
Pinellas Park, Pinellas County	13	Midnight to 3:00PM EST			0	0	4	0	Heavy rain and flooding
									Frequent thundershowers began about midnight and dumped over 5 inches of rain during the next 16 hours. Wide spread flooding in low lying areas damaged some building and tied up traffic. A restaurant on U. S. Highway 19 and located 10-ft below the grade of a nearby shopping center suffered most of the flood damage. Street flooding began about 6 AM EST.
Cypress Gardens, Polk County	16	Afternoon			0	0	4	0	Lightning
									Lightning caused a fire in a boat storage area destroying 11 boats worth an estimated \$50,000. No injuries were reported. The fire started about an hour after hundreds of tourists left the area.
Live Oak, Suwannee County	17	3:50PM EST	1/10	30	0	0	0	0	Tornado
									A tornado was reported by the public 15 miles southeast of Live Oak moving toward the northeast at near 10 mph. No reports of injury or damage.
Tampa, Hillsborough County	18	Early Morning			0	0	4	0	Lightning
									A fire started by lightning gutted a home while the owners were on vacation. Damage was estimated at \$20,000. No injuries.
Titusville, Brevard County	18	10:25AM EST			0	0	0	0	Waterspout
									A waterspout was reported by Civil Defense 10 miles northeast of Titusville.
Cedar Key, Levy County	20	10:20AM EST			0	0	0	0	Waterspout
									Two waterspouts were reported east southeast of Cedar Key.
Winter Park, Orange County	20	Unknown			0	0	4	0	Lightning
									Lightning caused a fire in the second story of a residence resulting in \$20,000 damage. No injuries.
Pensacola, Escambia County	21	9:14AM EST			0	0	0	0	Waterspout
									A waterspout was reported 2 to 3 miles south of the Coast Guard station on Santa Rosa Island.
Broward County	21	10:10AM EST			0	0	0	0	Waterspout
									A waterspout was reported over the Everglades south of Alligator Alley and west of Andytown.
Tampa, Hillsborough County	21	10:22AM EST			0	0	0	0	Waterspout
									A waterspout was reported over Tampa Bay southeast of Albert Whitted Airport in St. Petersburg.
Casselberry, Seminole County	21	Evening			0	0	0	0	Funnel Cloud Aloft
									A funnel cloud aloft was reported over the Camelot subdivision. No injuries or damage.
Lake Placid, Highlands County	22	Evening			0	0	2	0	Waterspout
									A waterspout over Lake Placid moved onshore causing minor damage. It was reported to be about 70 feet in diameter, and a circular motion could be detected. An 11-foot aluminum boat was tossed in the air for about 200 feet and a heavy metal chair was pulled out of a boathouse and tossed some 250 feet. The most noticeable damage was the uprooting of a 45-foot 'Monkey Ear' tree.
Tampa, Hillsborough County	23	2:30PM to 3:00PM			1	0	0	0	Lightning
									A 16-year-old boy was killed when struck by lightning as he walked along a railroad track near 46th street and Osborne Avenue.
Panama City, Bay County	23	4:00PM			0	0	0	0	Waterspout
									A waterspout was reported 4 miles northwest of Panama City over St. Andrew Bay.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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	
<b>FLORIDA (continued)</b>									
Bradenton, Manatee County	24	9:00PM to 10:00PM EST			0	0	4	0	Lightning
									Lightning struck a house during a thunderstorm causing a fire which did extensive damage. Firemen estimated damage to the house at \$20,000 and to the contents at \$10,000.
Arcadia, DeSoto County	25	2:48PM EST			0	0	3	0	Funnel Cloud Aloft
									A funnel cloud was reported by five persons in the northeast section of Arcadia moving north-northeastward. None of the observers indicated that the funnel cloud touched ground. Streets were littered with tree branches and debris from winds estimated up to 50 mph. Heavy rain and small hail was reported. A Fire Department spokesman indicated that lightning was believed to have caused a fire at a residence causing minor damage.
Orange County	25	4:45PM EST			0	0	0	0	Waterspout
									A waterspout moving slowly westward was reported by the public over Lake Apopka about 8 miles north of Winter Garden.
Jacksonville, Duval County	26	7:00PM to 8:00PM EST			0	0	3	0	Heavy rain
									Heavy rain during a series of thunderstorms resulted in street flooding. Water was reported to be 4 to 6 feet deep in a few spots with poor drainage. Around three inches of rain fell over the downtown area most of which occurred during the period between 7-8PM EST. The Naval Air Station reported near two and one half inches of rain. Low-lying sections of the Arlington Expressway became impassable. There were scattered reports of power lines down and electrical transformers out.
Trenton, Gilchrist County	27	Night			0	0	4	0	Lightning
									Thirty-two Black Angus cows were killed by lightning on a farm northeast of Trenton. Thirty-one of the animals were found under a tree, but the other one was about 75 to 100 yards away from the tree.
Northwest Florida	28-31	Week of 28-31st			0	0	7	6	Heavy rains and flooding.
									Stream flooding and coastal flooding occurred in northwest Florida in response to a slow moving tropical depression which caused torrential rains and above normal tides. The tropical depression formed in the northeast Gulf of Mexico on July 28th, moved west northwest, and made landfall in southern Mississippi on July 29th. The tropical depression lingered over the lower Mississippi Valley through July 31st. The heaviest rainfall fell from Santa Rosa Island northward and amounts ranged from about 20 inches along the coast to about 15 inches well inland. Most of the rain fell during the 3-day period July 29-31.
									In the coastal sections, several homes were flooded along Pensacola Beach, the sewage system on Santa Rosa Island overflowed into the bay, numerous streets and roads were closed due to high water, a 1000-foot stretch of bank along the intracoastal Waterway collapsed and blocked barge traffic between Pensacola and Panama City at mile 262-264. Choctawhatchee Bay was reported to be the highest it had been in 20 years at Ft. Walton Beach as water overflowed bulkheads and flooded several buildings with 4 inches of water. A few small boats were reported sunk at their moorings.
									Inland from the coast, flooding forced the closing of numerous roads and streets. Some roads were closed for several days due to washed out culverts and bridges. Lake Juniper Dam in Walton County and Silver Lake Dam in Okaloosa County collapsed. One report on the Blackwater River at Milton in Santa Rosa County showed a rise of 1 1/2 feet in a 3-hour period that resulted in flooding. The Alauqua Creek in Walton County rose 10 feet overnight and covered the railings of two bridges near Portland. Heavy soy bean crop damage was reported.
									Santa Rosa, Okaloosa, Bay, Holmes, Gulf, Waukulla and Walton counties had flood damage estimated at 8.5 million dollars. A total of 500 homes were reported damaged and 22 were destroyed. Santa Rosa and Okaloosa counties were hit the hardest with 188 homes, trailers, and businesses damaged.
									Agricultural damage in Santa Rosa, Okaloosa, Gulf and Walton counties was estimated at over 3 million dollars. Damage to roads and public works in the seven counties was estimated to be 3.2 million dollars.
Englewood, Sarasota County	28	8:00AM EST			0	0	0	0	Waterspouts
									Two waterspouts were reported offshore about one half mile apart.
Hillsborough County	29	2:10PM EST	1/10	30	0	0	0	0	Tornado
									A tornado was sighted by aircraft and indicated by radar about 10 miles north of Tampa International Airport moving northward about 18 mph.
<b>FLORIDA (continued)</b>									
Mayport, Duval County	30	8:10AM EST			0	0	0	0	Waterspout
									A waterspout sighted 15 miles southeast of Mayport dissipated by 8:15 AM EST.
Anthony, Marion County	30	2:30PM EST			0	0	3	0	Funnel cloud aloft, high winds, and heavy rain.
									A funnel cloud accompanied by high winds and heavy rains, reported by witnesses to be moving along at tree-top level, uprooted trees, broke tree limbs, severed power and telephone lines, and caused minor damage to houses. No injuries were reported. According to a Civil Defense spokesman, the funnel apparently did not come in contact with the ground along its three quarter mile southwest to northeast path. The width of damage along this path was about 100 yards.
Disney World, Orange County	30	Unknown			0	1	0	0	Lightning
									An 11-year-old Pennsylvania boy was struck by lightning and knocked to the ground unconscious as a lightning bolt apparently glanced off a nearby tree. The boy stopped breathing and was revived by mouth-to-mouth resuscitation and artificial respiration by two leaders of his tour group. Another youth standing next to the boy was unharmed.
Fort Walton Beach, Okaloosa County	30	6:45PM EST			0	0	0	0	Waterspout
									A waterspout was reported by Sheriff's deputies south of Ft. Walton.
Pensacola, Escambia County	31	2:20AM to 2:35AM EST	2	50	0	0	4	0	Tornado
									A tornado touched down briefly near Ensley and at a point 2 miles east-northeast of Ensley. Damage was reported to several mobile homes, and some trees and power lines were blown down. There were no injuries.
Pensacola, Escambia County	31	3:05AM EST			0	0	0	0	Funnel aloft
									A funnel aloft was indicated 7 miles west-southwest of the Pensacola Naval Air Station moving east-northeast at 20 mph.
Panama City, Bay County	31	4:16PM EST			0	0	0	0	Waterspout
									A waterspout was reported 5 miles south of Panama City, movement unknown.
Clearwater, Pinellas County	31	4:00PM to 5:00PM EST			0	0	3	0	Heavy rain
									A torrential downpour, described by the City Engineer as a 50-year storm (4 1/2 inches of rain per hour) in some areas, caused street flooding and stranded motorists. Portions of Clearwater Beach and West Clearwater received between 4 1/2 and 5 1/2 inches of rain during a 1-hour period between about 4 PM and 5 PM EST. There were reports of only 4 or 5 houses taking water because of flooding. The Fire Department reported that at least one house was struck by lightning, causing a fire. A number of power outages were reported in the area.
<b>ILLINOIS</b>									
North and central	3	evening			0	0	3	4	Thunderstorms, hail, wind
									Thunderstorms over the north and central portions of the state caused some scattered damage at several locations; heavy rain and small hail were common. Golf ball size hail fell at Lake Villa at 7:02pm; state police reported golf ball size hail at their substation in Peatonica at 7:58pm; at 8:13pm golf ball size hail was noted in west central Kane county. Wind damage to corn fields was concentrated in the southeast quadrant of Livingston county. Damage was sporadic with random stalks snapped off at the base. In one field every stalk in selected rows was knocked over; stalks in adjacent rows were untouched.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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		
<b>ILLINOIS (continued)</b>										
Southern half	5	afternoon and evening			0	0	4	5		Thunderstorms, hail, wind, lightning
		Thunderstorms across the southern half of Illinois caused some damage to trees and utility poles; large hail accompanied the storms in some areas. Golf ball size hail was reported near Jacksonville at 2:18pm. Hail damage to corn was substantial as baseball size hail fell in parts of the Irvington-Hoyt area during the afternoon. A hailstorm lashed an area covering 1 1/2 miles north and 1 1/2 miles south of US 50 and east in a strip from Salem to the Bannister Road. The corn was left looking like a huge field of wild water grass after the hail fell for about twenty minutes about 3:20pm. Hail ranging in size from three-quarters to three inches pounded the area around Goreville at 4:10pm; three-quarter inch hail fell at Jonesboro at 4:50pm. Winds were reported to have knocked over some trees in the extreme southern portions of the state. Summerfield was without electrical service for twenty-three hours after winds downed lines. Gusts to 70mph were noted near Alton at 10:00pm.								
		Lightning started a fire about 12:43pm in a Champaign home extensively damaging the second floor.								
Marshall county	6	3:10pm	?	?	0	0	0	3		Tornado
		A tornado touched down four miles east of Camp Grove damaging two cornfields. The tornado missed hitting any outbuildings.								
Christian county	8	6:30pm	short narrow		0	0	0	2		Tornado
		A pilot observed a tornado about 10 miles northwest of Assumption.								
Bureau county	8	1:15pm			0	0	3	0		Wind
		Strong thunderstorm winds uprooted trees, broke windows, and damaged several lawns at Spring Valley. A 200 year old walnut tree was uprooted blowing some power lines.								
Carroll county	11	mid aft			0	0	0	0		Funnel clouds
		Funnel clouds were sighted south of Savanna and north of Thomson about 2:15pm.								
Carroll county	11	2:15pm	short narrow		0	0	0	2		Tornado
		State police observed a brief tornado touchdown four miles south of Savanna. Very minor damage to crops was noted.								
Hancock county	13	3:35pm			0	0	2	0		Hail
		A severe thunderstorm with gusty winds and golf ball size hail passed through Plymouth about 3:35pm. Only minor damage occurred.								
DeKalb county	13	5:30pm			0	0	0	0		Funnel clouds
		Funnel clouds were sighted by pilots near Shabona and Hinckley at 5:30pm.								
Coles county	15	early evening			0	0	2	5		Hail
		Large hail—some the size of golf balls—struck a twenty-five square mile area about six miles north of Charleston. The hailstorm, beginning about 6pm and lasting about thirty-five minutes, brought extensive damage to crops in at least a nine square mile area; sixteen square miles suffered lesser damage.								
East southeast	19	aft - eve			0	0	2	3		Heavy rain, wind, hail
		Heavy rains through the afternoon and evening hours caused the Embarras and Little Wabash rivers to leave their banks at some locations. Some fields were flooded. In Champaign-Urbana more than two inches of rain flooded some street and viaducts. Strong gusty winds accompanied the thunderstorms and caused scattered minor damage to tree limbs. Gust to 60mph were recorded at Danville at 5:45pm; the wind reached 70mph at Mt. Carmel at 7:46pm. Small hail was scattered over this section of the state; golf ball size hail fell at West Salem at 7:38pm.								
Grundy county	19				0	0	4	0		Lightning
		Lightning struck the chimney of the Center School in Morris and cut a hole in the gymnasium roof.								
West northwest	23	aft. and early eve			0	1	6	4		Thunderstorms, hail, wind, lightning, heavy rain, funnel
		Vigorous thunderstorms lined up with a north-south orientation and moved across the west northwest portions of Illinois during the afternoon and early evening hours. Strong, damaging winds were common; heavy rain and hail fell in some areas. Three tornadoes were spawned in the late afternoon (see below).								
		Strong winds accompanied the thunderstorms as they began their movement in Illinois. Trees were uprooted at 3:25pm at Buffalo Prairie. Winds gusting to 60mph at Moline at 3:55pm broke many tree limbs and caused some power outages. At Sherrard, trees were reported blown over onto cars at 3:55pm. Winds to 60mph sent tree limbs across roads and roofs three miles north of Geneseo at 4:20pm and eight miles north northeast of Geneseo at 4:30pm. Hail reports were scattered. Although most hail was marble and pea-size, hail the size of golf balls struck Dallas City at 2:30pm. At 3:50pm hail fell in the Andalusia and Blue Grass areas measuring one half to three-quarters of an inch in diameter; at 4:30pm up to three-quarter inch hail was noted in Geneseo. Lightning started a spectacular blaze in a six-story International Harvester warehouse in Moline at 3:55pm; damage exceeded \$1 million. Thunderstorms sent wind gusts to 60mph at Morrison and Prophetston at 4:45pm. Two trailers at a campground north of Prophetston on IL 78 were overturned; one man suffered minor injuries when his trailer tipped over. A severe thunderstorm at Meredosia at 5:30pm ripped sections of roof from several houses and snapped utility lines; most of the town was without electricity through the night. Winds gusting to 85mph at Peoria at 5:40pm knocked over trees in the Peoria area; electrical and telephone service interruption resulted in scattered areas. A funnel cloud was sighted at Groveland at 6:55pm.								
<b>ILLINOIS (continued)</b>										
Fulton county	23	approx 4:30pm	11	1 1/2	0	0				Included in tornado totals below
		A pair of tornadoes ravaged a large portion of central Fulton county late in the afternoon. Most damage associated with the first tornado occurred to crops and some farm buildings in the storm's path. Passing through the city of Canton, the second tornado took a heavy toll in injuries and property.								
		Geographically, first evidence of the tornado storm was located in the Bushnell area in McDonough county. Wind damage from the parent tornado cyclone was evident in the area fields on several farms. Several farm buildings in the area sustained varying degrees of damage from broken windows to unroofing; some trees were uprooted. In the fields several miles east of Bushnell damage to crops showed the large scale cyclonic circulation present as the storm passed. A funnel cloud had been sighted at 4:01pm three miles south of Prairie City. The tornado itself first touched down approximately three miles southwest of Hlyton and travelled eastward to three miles southeast of Piatt. A grain bin in the path of the tornado was completely leveled as the tornado passed; large pieces of the bin were blown up to 0.7 miles south southeast. Corn was flattened in many fields clearly marking the tornado's path and suction vortices within the tornado. The destructive path of the tornado varied to as great as one and a half miles.								
		The second tornado in this pair formed to the left of this tornado and cut a path through Canton (see below).								
Fulton county	23	4:45pm	14 1/2	1 1/2	2	69	7	6		Tornado
		The second tornado to the pair touched down to the left of the first tornado at Piatt. It travelled east through Canton then veered southeast before lifting about two miles northeast of Monterey.								
		Incredible damage occurred in the city of Canton. One hundred twenty-seven businesses in a five block area in the central portion of the town were damaged; some buildings were totally destroyed, others were so heavily damaged that they had to be demolished. Residential losses were heavy: about 100 homes and 50 mobile homes were destroyed; about 300 homes and 100 mobile homes were damaged. Total losses were placed at \$17-\$20 million. The deaths occurred as the tornado ripped through the Horton's Mobile Home Manor on the city's east side. Fourteen people were hospitalized and forty-five were treated and released as result of the tornado.								
		The tornado snapped utility lines to the city. A strike by electrical workers hampered the restoration of power to the city; some areas were without power until the evening of the 28th. All stores in the city except those selling food were required to close. Much of the perishable food supply had to be thrown out. Immediately after the tornado passed the town was closed to outsiders except those on official business.								
		Many farms suffered heavy damage to both crops and farm buildings. The total agricultural loss was placed at over \$3 million.								
Stark county	23	5:05pm	1/2	20	0	0	2	3		Tornado
		A tornado touched down on a farm southwest of Toulon and followed a left-curving path before lifting one mile south of Toulon. Three funnel clouds were observed near the rope-like tornado column. Corn damaged in a field had fallen to show the cyclonic swirl of the tornado.								
Chicago area	23	evening			0	0	3	0		Thunderstorms, wind
		Thousands of homes in the west and northwest suburbs of Chicago were blackened as thunderstorms packing strong winds moved across the area; winds to 85mph were clocked at O'Hare International Airport. In addition to downed power lines, minor damage mostly to trees was noted.								
<b>IOWA</b>										
Kossuth County	5	9:15 a			0	0	4	0		Thunderstorm
		In the Sexton area 3 farms sustained wind damage, one severe with buildings blown down and structural damage—others with tree and window damage—heavy rain, but no hail.								
Kossuth County	5	9:30 a			0	0	0	4		Thunderstorm
		Corn flattened in many areas—over 70 acres ruined on one farm alone.								
Brewer and Chickasaw Counties	5	Early Morning			0	0	0	4		Thunderstorm
		Scattered crop damage from wind and heavy rain was reported in the Sumner and Elma areas.								
Buchanan and Black Hawk Counties	23	7:00 a			1	0	4	0		Thunderstorm
		Near Brandon a 38 year old woman killed by lightning while running to close car windows. Lightning also destroyed farm building in same area. In Waterloo lightning strikes caused minor damage in two homes.								
Lyon and Monona Counties	23-24	Late p - Early a			0	0	(*)4	C		Thunderstorm
		In Lyon County a newly constructed silo was pushed off its foundation and had to be demolished—corn flattened in the area by wind. SW of Moorhead (Monona County—early morning of 24th) 12 head black Angus cows and calves killed when struck by lightning while standing under tree.								

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MONTANA</b>									
Central Montana	1	2:00 PM-7:00 PM			0	0	5	5	Wind and Hail
		Heavy thunderstorms moved northeastward through the western portion of Central Montana with the greatest activity in Cascade, Judith Basin, Lewis and Clark and Meagher counties. Damage to property and crops from both wind and hail. 1 to 3 inch hailstones reported in the Helena area from 4:00 PM to 5:00 PM. 2 inch hail notes in the Stanford-Windham areas.							
Red Lodge	2				0	0	4	4	Wind and Hail
		Wind gusts to "85 M.P.H." blew over trees, utility lines, and damaged some small structures.							
Red Lodge	3	6:00 PM-7:00 PM			0	0	4	4	Hail and Wind
		1 to 3 inch hailstones damaged cars, crops, and buildings in the Red Lodge area of Southern Carbon county.							
Helena	3	5:45 PM-8:00 PM			0	0	4	4	Wind and Rain
		Wind gusts to 81 M.P.H. and very heavy rain reported at Helena airport. Damage to roads and culverts. Some small hail also noted.							
Butte	8	7:30 PM			0	0	3	0	Hail
		Many 1 inch hailstones reported on the Butte Flats area.							
Butte	9	4:45 PM			0	0	4	0	Hail
		1 1/2 inch hailstones damaged houses and cars in the Butte area.							
Great Falls	15	3:40 PM							Funnel aloft
		A funnel cloud was observed by an off-duty NWS employee approximately 40 miles WSW of Great Falls.							
Great Falls	15	4:00 PM-5:00 PM			0	0	4	0	Wind
		A thunderstorm moved across the city with wind gusts to near 60 M.P.H. Damage to trees, roofs and utility lines.							
Havre	15				0	0	4	0	Wind
		Wind gusts to near 50 M.P.H. associated with a thunderstorm caused damage to buildings, trees, and utility lines.							
Northeast Montana	16	5:30 PM-9:00 PM			0	0	4	6	Hail
		Many small hail stones and several in excess of 1 inch reported in a 25 mile wide path from near Jordan to the Vida area. Major damage to the ripening wheat crop. Area covered portions of Garfield, McOne, Dawson, and Richland counties.							
East Central Montana	16	11:00 PM, 16th			0	0	4	5	Hail
	17	1:00 AM, 17th							
		Thunderstorms moved northeastward from Prairie County through portions of Dawson and Richland counties. Area approximately 3 miles wide and 50 miles long. Generally from 15 miles southwest of Blendive to near Savage. Major damage to wheat crop from hailstones and very heavy rain.							
Southeast Montana	17	5:00 PM-7:00 PM			0	0	5	5	Hail and Wind
		Thunderstorms moved across parts of Powder River and Carter County. 1 to 2 inch hailstones damaged property and grain and hay crops. Also several acres of timber destroyed by a "blowdown". At one location, a double-wide mobile home was lifted and moved approximately 100 feet.							
Sula (near)	22	12:45 PM			0	3	0	0	Lightning
		3 persons injured by a lightning strike while piling brush in the forest. All suffered minor burns and shock. 1 suffered a ruptured ear drum. Thinning crew was working in a "saddle" along the Mink Creek area of the East Fork.							
Glasgow	29	8:00 PM-8:30 PM			0	0	4	0	Wind
		Wind gusts in excess of 60 M.P.H. reported in the Glasgow vicinity. Damage to trees and utility lines, minor damage to roofs.							
<b>NORTH CAROLINA</b>									
Lee & Moore Counties	4	1230PM							Hail Storm
		Several farms along Route 15 had extensive damage to tobacco crop. About 40 acres were involved.							
Cumberland County	4	AFTN				3	4		Wind & Hail Storm
		A couple of outbuildings were damaged and about 40 acres of tobacco destroyed and/or damaged near Grays Creek by wind and hail.							
Lenoir County	4	AFTN					5		Wind and Hail
		Wind and hail damaged 20 to 90 percent of the tobacco crop around Moss Hill.							
Roberson County	4	3PM				3	4		Wind
		Outbuildings with tobacco and corn crop were damaged in the Southeastern part of the city by high winds.							
Pasquotank County	4	350PM					5		Wind
		Wind associated with thunderstorms damaged 14 mobile homes 5 miles South of Elizabeth City							
Madison County	4	4PM					5		Hail
		Hail damaged crops in an area of about 35 square miles in the Marshall area. Damage was to corn \$1,500; tobacco \$40,000; and to tomato and home gardens \$20,000.							
<b>NORTH CAROLINA (continued)</b>									
Dare County	8	3PM					3		Tornado
		Tornado touched down briefly damaging building and trees in Manteo.							
Chatham, Lee & Harnett Counties	8	4-5PM					4		Thunderstorm
		Thunderstorms with strong winds and ping pong sized hail damaged tobacco, and soybean crop and many home gardens. The greatest damage was around Moncure.							
Person County	8	Evening					3	4	Thunderstorm
		A thunderstorm (wind & hail) damaged trees, buildings and crops in the Roxboro area.							
Davidson County	8	6PM						4	Hail
		A hail storm damaged tobacco crops in the Lexington township.							
Surry County	9	2PM						4	Thunderstorm
		Wind and hail of thunderstorm damaged crops of corn and tobacco south of Dobson in the Copeland and Rockford areas.							
Granville County	9	5PM						4	Hail
		\$8,000 damage to tobacco crop in Brassfield township.							
Rockingham County	10	AFTN					3	4	Thunderstorm
		Winds and hail did extreme damage to trees, buildings, and crops near Reidsville.							
Person County	10	5PM						4	Thunderstorm
		Strong winds damaged trees and tobacco east of Roxboro off N.C. 57.							
Sampson County	10	6PM				1			Lightning
		Shortly before 6PM a 10 year old boy was killed by lightning near Newton Grove.							
Caswell County	10	6PM					4	4	Thunderstorm
		Strong winds and hail damaged trees, buildings, mobile homes and tobacco crops near Burk Arbor.							
Johnston County	10	7PM					1		Lightning
		Man injured when lightning followed line to microphone the man was holding.							
Pender County	11	530PM					4		Tornado
		A tornado briefly touched down 4 miles southwest of Holly Ridge damaging a house trailer and another building.							
Orange County	13	3-5PM					4		Thunderstorm
		Thunderstorm with strong winds damaged outbuildings and trees through southern and central part of the county.							
Orange County	13	3PM	1	10	1	3			Tornado
		Tornado briefly touched down on farm NW of Hillsborough damaging a barn and trees.							
Sampson County	14	230-6PM						1	Funnel Clouds
		Funnel clouds were observed along NC Route 13 but little damage reported.							
Harnett County	15	Evening						4	Hail
		Marble sized hail damaged tobacco crops in the areas around Duncun, Cokesbury and Kipling communities.							
Pitt County	24	AFTN						4	Wind
		Three mobile homes damaged near Bethel.							
Columbus County	25	230PM				1	2		Lightning
		Lightning killed one woman and injured two others near Whiteville. Seven others were shook-up but not injured. They were having a fish-fry under a metal roofed carport.							
Cleveland County	25	4-5PM						4	Wind
		Wind associated with thunderstorms damaged trees and crops in the area around Mary's Grove south of Waco.							
Moore County	30	7PM						4	Hail
		Hail storm accompanied by wind, heavy rain and lightning damaged crops, mostly tobacco, in the Union Pines area.							
Wilkes County	30	Early Night					3	4	Hail
		Hail, wind and lightning damaged crops, mostly tobacco, and some buildings in and around Elkin.							



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1975

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA (continued)									
Statewide	11-14								Rain
		Thunderstorm areas continued to affect the region as a very moist southerly wind pattern persisted over the weekend. Saturated ground, unable to hold the up to 3-5 inches of additional rainfall, resulted in widespread flash flooding especially in low-lying areas. The Norfolk area reported total precipitation for the month was already over 9 inches.							
Halifax County	13	9:57 a	3/4	100	0	0	4	?	Tornado
		Apparent tornado destroyed trailer home that had been anchored by tornado hooks. In addition, a brick house suffered damage, several large trees were blown down, a large tin roof was torn from a barn and deposited in a large tree 1000 feet away, and several tobacco fields suffered varying degrees of damage.							
Smyth County	13	7:00 p							Tornado
		Apparent tornado struck farm causing 4 trees to be uprooted or twisted off in place. Neighbor said he had seen a funnel set down in the valley at about time the damage was done.							
Cohoke	13	8:20 p			0	0	2	C	Tornado
		Struck cornfield, leaving a wide swath of flattened stalks, but nearby plants did not incur too much damage. Remnants of corn found scattered in a mile radius of the site.							
Chesapeake Bay (southern portion)	17	6:00 p							Waterspout
		Public reported waterspout 10 miles east of Tangier Island.							
Chesapeake Bay (southern portion)	18	6:10 p							Waterspout
		Waterspout reported 23 miles west of Wallops Island.							
Washington County	19	Late night							Rain
		Heavy rains caused rockslide across portion of Route 19, north of Abingdon. Some vehicles slightly damaged when they hit a portion of the slide.							
VIRGINIA (continued)									
Annandale, Fairfax County	20	1:30 p			0	16	2	0	Lightning
		16 persons were struck while attending an outdoor picnic. One man was seriously injured and it was through prompt first aid that his life was saved. 13 others were treated for small burns and other minor injuries and released. The other three were hospitalized.							
Tazewell County	23	Evening			0	0	5	C	Rain
		Isolated cloudburst with water as high as three feet caused a flash flood in the Dry Fork region. One house near Sandy was washed off its foundation and carried into the road by rushing waters.							
Nelson, Rockbridge and Botetourt Counties	24	Night			0	0	4	?	Rain, lightning
		Heavy rain caused local flooding in the Buena Vista and Timber Ridge areas, blocking some roads by water, trees, or gravel. In Nelson County anxious moments were spent when nearly six inches of rain from two separate storms caused the Tye River to rise rapidly. A house in Meadowview was damaged by lightning that traveled through roof, knocking plaster off ceilings and starting a fire in the living room.							
South-central Portion	29	Late afternoon and evening			0	0	4	4	Hail, lightning wind, rain
		Thunderstorms brought damage to scattered tobacco fields by hail, wind and rain. One home in the Turbeville-Acton area was seriously damaged by fire attributed to lightning.							
Northern Portion	29-31								Air pollution episode
		High pressure area that remained nearly stationary over the area resulted in very oppressive conditions with temperatures in the 90's along with high humidities. A record photochemical oxidant reading was reported in the Washington, D.C. suburbs on the 31st. (This air pollution episode continued through August 5th.)							

- \* 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. Late Reports and corrections will be carried in the June and December issues of this publication.

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USCOMM-NOAA-ASHEVILLE, N.C. 9/17/75-1700

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