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STORM DATA

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Asheville, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE*	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
Opp, Covington County	2	4:30 p			0	0	4	0		Rain
			Nearly 1 1/2 inches of rain falling in a 15 minute period collapsed aging roof of local business.							
Mountain Brook Jefferson County	7	2:30 p								Funnel Cloud
			Public reported black funnel cloud south of Mountain Brook area of Birmingham moving northeastward. No indication funnel touched ground.							
Birmingham Area, Jefferson County	13	6:57 p			0	0	4*	0		Hail and wind
			Police reported trees uprooted and baseball size hail immediately north of Birmingham between Tarrant and Fultondale. Trees uprooted at Hueytown and Trussville where public reported some roofs caved in.							
Selma, Dallas County	17	5:40 p								Funnel Cloud
			Aircraft reported funnel cloud 5 miles northwest of Selma. No indication that it touched down.							
Mobile, Mobile County	27	5:00 p			0	0	2*	0		Hail
			Golf ball to baseball size hail reported by U. S. Forest Service 14 miles north of Mobile.							
ALASKA										
ARIZONA										
Near Prescott Yavapai County	2	12:50 p	1/4	10	0	0	0	0		Tornado
			Small tornado touched down close to edge of Willow Lake, moved across the small lake from west to east, sucking water, and lifted up into the cloud after crossing the shore.							
Lake Havasu City Mohave County	4	2:30 p	3	800	0	0	5	0		Thunderstorm
			A severe thunderstorm struck the area near the Lake Havasu City Golf Course moving from the southeast. Considerable damage estimated at \$200,000 done to utilities, homes and mobile homes. Storm moved from the southeast and was attended by hail.							
Near Parker Yuma County	4	1:20 p	-	-	0	1	5			Thunderstorms
			Severe thunderstorms moved into this Colorado River area from the southeast, causing one injury from lightning and damage estimated at \$100,000 to mobile homes, boats and utilities in the areas along the river north of Parker. Thunderstorms attended by heavy rain.							
Martinez Lake-Ehrenberg-Parker Valley, Yuma County	16	7:30 p	-	-	0	1	5	0		Thunderstorms
			Heavy thunderstorms struck the area between Martinez Lake and the Parker Valley damaging boats, trees, mobile homes and utilities. One man injured apparently by lightning at Martinez Lake.							
Yuma County	19	9:50 p	-	-	1	0	5	5		Thunderstorms
			Thunderstorms moved into Yuma area from the southeast. One farm worker killed by lightning at White Wing Ranch near Horn east of Yuma. Four airplanes and one helicopter damaged at Yuma International Airport where wind velocities were measured at 70 mph in gusts. Five mobile homes destroyed and public utilities disrupted. Extensive damage to homes, commercial buildings and crops in Yuma, Somerton, Wellton and Antelope. Property damage estimated at \$400,000 and crop damage at \$100,000.							
Near Page Coconino County	20	4:00 p	-	-	0	0	4	0		Thunderstorm
			Heavy thunderstorm over and near Lake Powell caused \$25,000 damage to Wahweap Marina, sank a \$15,000 house boat, damaged a considerable number of small boats and public utilities. Other damage in Utah.							
Sunrise Mountain Apache County	23	7:30 p	-	-	1	0	0	0		Lightning
			Man was killed by lightning while climbing under a wire fence.							
ARKANSAS										
Near Ozark, Franklin County	9	4:45 p.			0	1				Lightning
			One person injured by lightning while using telephone.							
Petit Jean State Park, Conway County	9	5:30 p.			0	13				Lightning
			Thirteen people who had taken refuge from storm in a cave-like rock formation were injured when lightning struck through a one foot wide opening at the top. Five people required hospitalization and others suffered lesser injuries.							
Maple Springs Community, White County	13	Afternoon			0	3				Lightning
			Three persons slightly injured when lightning struck tree under which they were standing.							
ARKANSAS (continued)										
Rector, Clay County	13	10:00 p.			0	0	4			Lightning
			Lightning started fire that heavily damaged store building and contents.							
Hughes, St. Francis County	14	1:30 a.	1/4	50	0	0	5			Tornado
			Tornado struck a school building complex severely damaging four buildings and causing minor damage to others. Tornado was not observed, but reports indicate that the explosive effect of tornado was evident.							
CALIFORNIA										
NORTHERN & CENTRAL										
Desert Center (Riverside Co.)	3	3P			0	7	6			Thunderstorms & High Winds & Hail
			Heavy thunderstorms and high winds hit the desert area of Southern California just north of Desert Center. Forty-two mobile homes were destroyed by winds estimated to be over 100 MPH. Flooding from the 45 minute downpour knocked out power and telephone lines and caused the closure of many roads. Hail 1/4 to 1/2 inch was reported.							
Blythe (Riverside Co.)	16	9P			0	0	4			Tornado & Hail
			A tornado was reported to the Blythe FSS at about 9PM. The tornado severely damaged a mobile home moving it about 50 feet; a roof of a near by house was ripped off. and another house was moved off its foundation.							
El Centro (Imperial Co.)	19-20	23-01						No Est.		Thunderstorm
			A severe thunderstorm struck parts of Imperial county causing massive power outages and a wide range of damage. Trees were blowndown, buildings lost roofs and in some cases collapsing, baled hay was blown apart and minor damage was sustained by the new cantaloupe crop. Reports estimated the wind speed to be near 70MPH. It was reported that power poles were broken at their bases and nearly 100 poles were reported down.							
Point Arena, Mendocino County	25	4:55 pm								Funnel cloud aloft
			Pilot reported funnel cloud aloft over Point Arena Shoreline.							
CALIFORNIA SOUTHERN										
COLORADO										
Cheyenne, Kit Carson Counties	1	eve			0	0	5	4		Hail
			Hail 1 1/2 to 1 3/4 inches in diameter fell in the Cheyenne Wells area and locally in extreme eastern Kit Carson County.							
Boulder, Crowley Counties	2	aftn			0	0	4	3		Hail
			Hail 3/4 inch in diameter was reported at Boulder at 2:37 p.m. and hail 1 inch in diameter fell at Olney Springs.							
Denver	3	4:30p.								Funnel aloft
			A funnel aloft was observed 20 mi. west of Stapleton Municipal Airport.							
Washington County	4	9:00p.								Funnel aloft
			A funnel aloft was sighted 40 mi. southwest of Holyoke.							
Pueblo, Rio Grande, Sagusche Counties	6	aftn			0	0	3	5		Hail, wind
			Hail and wind damaged crops in central San Luis Valley and near Vineland.							
Phillips County	9	about 3:45p.	1/2	narrow	0	0	0	0		Tornado
			A tornado funnel cloud with dust whirl on the ground was observed for a short time just southeast of Haxton, moving southeast. Large hail was reported in the area of the storm.							
Yuma County	9	aftn			0	0	3	3		Hail, 2 funnels aloft
			Two funnels aloft occurred near Clarksville about 4:00 p.m. Hail up to 2 3/4 inches in diameter fell 5 mi. west of Holyoke at 4:10 p.m.							
Logan County	12	6:15p.			0	0	3	0		Hail
			Hail 1/2 to 3/4 inch in diameter fell at Sterling.							
Arapahoe County	14	3:35-3:40p.			0	0	5	0		Wind
			Winds up to about 85 mph damaged 20 aircraft at the Arapahoe County Airport.							

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					KILLED	INJURED	PROPERTY	CROPS		
COLORADO (continued)										
Arapahoe County	24	12:45p.			0	0	4	0		Hail, wind
										Wind blew down a few power lines and hail up to 3/4 inch in diameter fell in southeast Aurora.
Phillips County	25	3:27p.	short	narrow	0	0	0	0		Tornado
										Small tornado about 1/4 mi. south of Holyoke moved northeast at 25 mph.
Jefferson County	26	4:38p.								Funnel aloft
										A small funnel aloft was observed about 18 mi. southwest of Denver Stapleton Airport.
El Paso	28	12:46p.			0	1	0	0		Lightning
										A man was injured by lightning at Colorado Springs.
CONNECTICUT										
Manchester	11				0	0	?	0		Thunderstorm Lightning
										Lightning struck two poles causing a power outage, and a radio transmitting station.
New London County	27	PM			0	0	3	0		Electrical
										Lightning struck and burned a home in Willimantic.
Litchfield County	28	PM			0	0	2	0		Electrical
										A barn was struck by lightning in Torrington.
Southwest Hartford	31	PM	--	--	0	0	4	0		Tornado
										A small tornado touched down in Southwest Hartford. No injuries were reported. Damage reported included corner of roof torn off one building. The rear wall of another one-story structure was completely blown out. A large tractor trailer truck was overturned. A car thrown approximately thirty feet and numerous other vehicles in adjacent used car lot due to flying debris.
DELAWARE										
Western Sussex County	1,2,3				0	0				Rain
										Moderate to heavy rain began on the evening of the 1st and continued through the morning of the 3rd. Several roads washed out. Reports of up to 9 to 12 inches of rain fell.
Seaford	2	Afternoon			0	0	0			Flash flood
										Roadway vicinity of Gaylestown Pond inundated.
Georgetown	14	Night			0	0				Electrical
										Several power outages due to lightning strikes.
Dover vicinity	18	1:30 p			0	0	0			Waterspout
FLORIDA										
HAVANA, GADSDEN CO.	1	2:45PM	3	1/2	0	0	4	0		WINDSTORM
										A HEAVY THUNDERSTORM PRODUCED STRAIGHT-LINE WINDS ALONG AN EAST/WEST PATH FROM NEAR SALEMAND TO HAVANA DESTROYING FIVE TOBACCO HOUSES, DAMAGING ROOFS OF A NUMBER OF FARM HOUSES AND KNOCKING DOWN POWER LINES. DAMAGE ESTIMATED \$20,000.
PUNTA GORDA, CHARLOTTE CO.	6	2:45PM			1	1	0	0		LIGHTNING
										A 15 YEAR OLD BOY WAS STRUCK BY LIGHTNING AS HE WAS STANDING ON A GOLF TEE. ANOTHER YOUTH OPERATING A MOWER WAS STUNNED BY THE SAME STROKE.
VENICE, SARASOTA CO.	19	4:12PM	1/2	70	0	0	6	0		TORNADO
										A WELL DEVELOPED TORNADO (REPORTED AS SEVERAL TORNADOES BY THE PUBLIC) MOVED ACROSS TWO MOBILE HOME PARKS DESTROYING OR SEVERELY DAMAGING 73 MOBILE HOMES. NEARLY ALL OF THEM WERE UNOCCUPIED SO THAT THERE WERE NO INJURIES REPORTED. DAMAGE WAS ESTIMATED NEARLY \$850,000.
OCALA, MARION CO.	21	10:00PM			0	0	5	0		WINDSTORM
										A SEVERE WINDSTORM STRUCK PORTIONS OF OCALA DESTROYING A HANGER AND SEVERAL AIRPLANES AT SILVER SPRINGS AIRPORT WITH DAMAGE ESTIMATED \$50,000. DAMAGE ELSEWHERE IN THE CITY WAS CONFINED TO ROOFS, POWER LINES AND TREE LIMBS AND WAS ESTIMATED \$25,000.
PAISLEY, LAKE CO.	21	10:30PM			1	0	0	0		LIGHTNING
										A 40 YEAR OLD WOMAN WAS STRUCK BY LIGHTNING OUTSIDE HER MOBILE HOME AS SHE WAS LOOKING FOR HER DOG.
BRADENTON, MANATEE CO.	22	4:00 PM			0	0	4	0		WINDSTORM
										STRONG WINDS ASSOCIATED WITH THUNDERSTORMS DESTROYED TWO MOBILE HOMES AND DAMAGED SEVERAL OTHERS IN A MOBILE HOME PARK. DAMAGE ESTIMATED \$25,000.
TARPON SPRINGS, PINELLAS CO.	26	4:00 PM			1	2	0	0		LIGHTNING
										A 12 YEAR OLD GIRL WAS STRUCK BY LIGHTNING WHILE SITTING IN A BOAT WITH SEVERAL MEMBERS OF HER FAMILY ON TARPON LAKE. TWO OTHERS IN THE GROUP WERE STUNNED.
GEORGIA										
Louisville	1	Afternoon			0	0	5	0		Electrical
										House destroyed by fire as result of lightning strike.
Colquitt County	5	6:00 p.			0	0	5	0		Wind, heavy rain, and electrical
										Strong winds destroyed at least one tobacco barn and also damaged several other small structures and barns. Strong winds also blew down numerous trees which cut utility lines. One tobacco barn with contents destroyed as result of lightning strike. Heavy rain caused local street flooding.
Union and Town Counties	10	7:30 p.			0	0	5	0		Electrical
										Extensive damage to utility lines as result of lightning.
Alma	11	Afternoon			0	1	0	0		Electrical
										Man injured by lightning while erecting television antenna on home.
Screven	11	7:00 p.			0	0	5	0		Electrical
										House destroyed by fire as result of lightning strike.
Savannah	11	4:00 p.			0	0	5	0		Electrical
										Lightning damaged power line causing power outages for about 2 hours.
Brunswick	16	12:45 p.								Funnel cloud
										Reported near Brunswick moving northeastward. No further report on touch down or damage.
Fulton and DeKalb Counties	20	5:00 p.			0	0	4	0		Windstorm
										Strong winds blew down numerous trees cutting utility lines over northern Fulton and DeKalb Counties.
Waleska	20	5:00 p.	Short	Narrow	0	0	5	0		Tornado
										Tornado touched down in the Waleska area. Moved toward the north. Numerous trees blown down and several houses damaged extensively.
Brunswick	28	8:35 a.								Waterspout
										Waterspout 20 mile southeast of Brunswick moving west.
Thomas County	29	5:00 p.			0	0	4	0		Wind and electrical
										Strong winds downed trees and utility lines in spotty areas. Lightning knocked out air conditioning system in county court house.
HAWAII										
15 SSW Kealahouka, Hawaii Island	12	8:30a.								Funnel cloud
										Co-operative observer reported funnel cloud extended a third of distance down from parent cloud to ocean moving towards the southeast.
Schofield Barracks, Oahu	15	about 1:00p.	1/5	10	0	0	0	0		Dust devil
										Dust devil moved through Army National Guard Summer Camp area from east to west in a cloud of dust and debris and knocked down 8 large tents.
IDAHO										
Entire State	13-25				0	?	?	4		Dry lightning, wind
										Dry lightning storms touched off many range and forest fires in all parts of the State. Dry winds caused hundreds of fires to burn out of control in central and northern Idaho resulting in millions of dollars of damage before they were controlled late in the month. There were numerous range fires in south and eastern Idaho and 30 acres of wheat burned near Aberdeen in southern Idaho.
ILLINOIS										
Beardstown	3	evening	?	?	0	0	?	?		Tornado
										Tornado sighted by public in town resulting in damage to buildings, trees, and power lines.
Adair	8	7pm-7:10pm	?	?	0	0	?	?		Tornado
										Farmer saw "twister" blow his crops southeast while one mile away crops were blown northwest. Golf ball size hail did damage to crops, trees; windows were blown out and power lines downed.
East St. Louis	9	11am-1pm			0	0	?	?		Thunderstorms, flooding
										Flooding on Interstate 55-70 underpass caused traffic to back up for 2 hours as water had to be pumped out. Lightning struck radio tower used by sheriff's department.

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ILLINOIS (continued)									
Ridge Farm	12	11:15-11:30am	?	?	0	?	?	0	Tornado
									Tornado knocked down trees, power lines, windows and destroyed a cement bus garage. Crop damage reported. A tree limb was driven through an aluminum camper.
Alton, Belleville area & Effingham	12	afternoon & evening			1	10	?	?	Lightning, heavy rain
									At 3:30 pm 10 persons were injured by lightning under a tree on Chouteau Island. At 3:34 pm a boy was killed by lightning while fishing at a pond near Troy. In the late afternoon and evening heavy thunderstorms caused five small fires in Effingham. 4 1/2 inches of rain caused rivers to rise but only localized flooding of streets.
Southern and Central	13	4:30pm-9:30pm			0	1	?	?	Heavy rain, lightning
									Heavy thunderstorms from 4:30pm to 7:30pm caused some damage to trees and homes in Harrisburg. At 5pm a woman was struck by lightning in Mt. Vernon and a power transformer was also struck by lightning about 10pm. Power was knocked out north of Mt. Vernon. Heavy rain hit Springfield from 7:30 to 8:30pm causing severe flooding of homes and streets. Phone services were out due to flooding underground.
East central	14	1:30-1:45pm	?	?	0	0	4	0	Tornadoes
									Tornado spotted by the public in Hoopsten did some crop damage. At 1:45 pm a lumberyard was hit by a tornado near Okolop throwing debris 600 feet in the air. A warehouse, home and garage were also damaged.
Gibson city	15	1:45am			0	0	6	0	Lightning
									Lightning struck a warehouse causing more than one million cases of vegetables to be damaged. Damaged was put at one million dollars.
South central	29	evening			0	5	3	?	Thunderstorms, heavy rain, high winds
									At the DuQuoin State Fair, five persons were injured and 35 horses went loose when a tent blew over. Lightning struck power lines causing poles to go out. In West Frankfort, lightning struck the Civil Defense unit causing it to go on. Lightning caused 3 small fires in Mt. Vernon and power lines were downed. One of those fires caused 5,000 damage to a home. Benton and Marion also had lightning hit power lines.
INDIANA									
Huntington County	11	Afternoon			0	0	0	0	Hail
									Hail, the size of golf balls, severely damaged crops in a four township area.
Newport Vermillion County	12	12:15 p	1	20	0	0	4	0	Tornado
Indianapolis Marion County	12	12:45 p			0	0	3	0	Wind
									Wind gusts exceeded 65 mph at Sky Harbor Airport. Several boats were overturned and damaged at nearby Eagle Creek Reservoir.
Near Muncie Delaware County	14	1:35 p			0	0	0	0	Funnel Aloft
Cedar Lake Mingo, Bush, Prairie Area Lagrange County	20	12:30 a			0	0	5	0	Wind
									Winds in excess of 80 mph felled many trees, disrupted power and telephone lines and falling trees damaged many homes and automobiles.
Wayne, Randolph Delaware Counties	20	2:30-4:30p			0	0	4	0	Wind
									Strong winds in thunderstorms caused considerable damage to trees, power outages, etc. Damage was centered in the Webster, Winchester and Eaton areas.
Near Thornton Boone County	30	6:10 a			0	0	4	0	Lightning
									Lightning hit and completely destroyed a farm home.
Indianapolis Marion County	30	5:34 p			0	0	4	0	Wind
									Wind at Weir Cook Airport gusted to 59 mph and destroyed a concrete block wall of a hangar.
IOWA									
New London area, Henry County	3	5:00 p							Funnel (5)
Sidney, Fremont County	7	4:25 p			0	0	4	4	Windstorm
									Some tree damage, heavy rain (30% of loss).
3SE Fort Dodge, Webster County	7	8:25 p							Funnel
									Moved NE at about 35 mph.
Near Dows, Wright County	7	9:25 p							Funnel
									Moved NE at about 35 mph.
SE of Macksburg, Madison County	7	Night			0	0	5	0	Lightning
Near Lawton to 6ESE Bronson, Woodbury County	8	6:00 p	9	1500	0	0	0	5	Hailstorm
									Ground white, some hail 2 inches diameter.
Plano, Appanoose County	9	3:25 p			0	0	4	4	Heavy rain
									Tree damage.
Massena, Cass County	10	11:30 p			0	0	4	0	Lightning
5SE Shenandoah, Page County	11	1:00 a							Funnel
Lake Rathbun, Appanoose County	11	11:55 a			0	0	4	4	Windstorm
									50-60 mph. winds.
Fonda, Pocahontas County	13	4:00 p							Funnel
7NE Ottumwa, Wapello County	13	11:48 p							Funnel
E of Lake Park, Dickinson County	16	4:00 p	10	4000	0	0	5	5	Hailstorm
									Part of a hailstorm in southern Minnesota.
4W of Albert City, Buena Vista County	16	4:00 p							Funnel
Alta, Buena Vista County	16	4:15 p			3	0	5	0	Windstorm
									Plane crash due to high winds and extreme turbulence.
Webb, Clay County	16	4:20 p	4	2000	0	0	5	5	Windstorm
Marathon, Buena Vista County	16	4:25 p	6	2000	0	0	5	5	Hailstorm
									Winds to 75 mph. - wind damage 30%.
Ayrshire, Palo Alto County	16	4:30 p							Funnel
									Moved to the southwest.
Fonda, Pocahontas County	16	4:30 p			0	0	5	5	Windstorm
Shambaugh, Page County	16	5:30 p			0	0	4	0	Lightning
Garrison, Benton County	21	Night			0	0	4	0	Lightning
Spencer, Clay County	22	6:27 p			0	0	4	4	Heavy rain
									Marble sized hail.
Northwest Iowa	22	Night			0	0	6	6	Heavy rain
									Heavy rain and some wind damage (15%), mostly in Sioux, O'Brien, Clay, Cherokee, Buena Vista and Pocahontas Counties, but scattered damage in nearby counties. Amounts to 9.61 inches at Peterson.
Des Moines, Polk County	31	4:20 p			1	3	0	0	Lightning
									About 50 other boys knocked down by the lightning which struck in their midst at a football league practice.
Ackley, Hardin County	31	9:00 p			0	0	5	0	Windstorm
KANSAS									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
KENTUCKY									
Louisville	9	Evening			0	0	4		Wind, lightning
									An electrical storm left many sections of the Louisville area without electricity. Strong winds caused considerable damage to buildings in Shively.
State	10	Morning			0	0	5		Rain, lightning
									Thunderstorms were scattered across the State. Minor damage and flooding occurred in Simpson County. Flash-flooding was reported in the Bowling Green area and Hopkinsville. Four cows were killed by lightning near Manchester. Fires caused by lightning damaged or destroyed buildings in Ashland and London.
Central & Northern Bluegrass Areas	19	Evening			0	0	4		Lightning, rain
									Lightning-caused fires destroyed several barns which housed hay and several pieces of farm equipment.

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KENTUCKY (continued)									
Maysville	20	Day			0	0	4		Lightning, wind
			Lightning-caused fire destroyed \$25,000 worth of buildings and equipment on one farm, and wind damaged homes and trees in the Maysville area.						
Bourbon & Harrison Counties	30	Afternoon			0	0	4		Hail
			Golf-ball-sized hail did considerable damage to Burley Tobacco crops in the two-county area. Largest and heaviest hail was reported in the vicinity of Mt. Carmel and Ruddles Mills.						
Northern Kentucky near Cincinnati	30	3 p.m.			0	2	4		Wind, lightning
			A violent storm with 50 MPH winds and 1/2" hail swept thru the area knocking down trees and utility poles. Lightning struck and injured two.						
LOUISIANA									
Washington Parish	11	6-8 PM			0	0	5	0	Lightning
			Lightning struck two homes in the Franklinton area, both destroyed by resultant fires.						
Acadia Parish	18	2 PM			0	0	5	0	Lightning
			Fire caused by lightning destroyed warehouse near Crowley.						
			FUNNEL CLOUDS REPORTED DURING AUGUST						
Jefferson Parish	6	3:19 PM	2	funnel clouds reported	15	SE	Moliant Airport.		
Lafayette Parish	7	3:38 PM	2	funnel clouds reported	10	SE	Lafayette.		
Calcasieu Parish	9	2:30 PM	Several	funnel clouds reported			in Lake Charles area.		
"	12	10:43 AM	Funnel cloud observed	SW	of	Lake Charles Airport.			
"	13	10:50 AM	Funnel cloud reported	SE	of	Lake Charles Airport.			
"	13	12:35 PM	Funnel cloud reported	10-12	NW	Lake Charles Airport.			
"	14	10:35 AM	Funnel cloud reported	15	ENE	Lake Charles Airport.			
East Baton Rouge Par.	17	10:15 AM	Funnel cloud observed	NW	of	Ryan Airport.			
Calcasieu Parish	18	1:36 PM	Funnel cloud reported	13	SE	Lake Charles Airport.			
Lafourche Parish	31	11:52 AM	Funnel cloud reported	2	NW	Grand Isle.			
			WATERSPOUTS REPORTED DURING AUGUST						
Lafourche Parish	10	11:29 AM	Waterspout reported	10	SW	Leeville.			
Plaquemine Parish	16	8:20 AM	Waterspout reported	10	N	Boothville.			
Jefferson Parish	26	3:13 PM	Waterspout reported	S	of	Moliant Airport over Mississippi River.			
Lake Pontchartrain	29	5:50 PM	Waterspout observed	over	western	end	Lake Pontchartrain.		
MAINE									
Greenville, Piscataquis County	4	PM							Heavy rain
West Paris, Oxford County			Roads were washed out and cellars flooded. No damage estimates.						
Farmington, Franklin County	10	7:45 p.							Thunderstorm
			Severe thunderstorm. Trees and power lines downed.						
Rangely, Franklin County	18	4:00a.							Rain and hail.
Augusta, Kennebec County			Heavy thunderstorms reported with 3/4" hail. No reports of damage available.						
Southwestern Maine	28	Early AM			1	4	1		Thunderstorm
			Heavy thunderstorms moved across southwestern Maine accompanied by brilliant lightning, heavy showers, hail and damaging winds. Lightning caused several fires. A barn burned in Buxton, killing 3 animals and injuring a fireman. A church was destroyed at Farmington. In the Augusta area, the storm felled trees, caused power outages and washouts of roads.						
Limington, York County	28	Early PM							Thunderstorm, hail
			Thunderstorm accompanied by large hail, 1-1 1/2" partially destroyed apple crop.						
Kennebunk, York County	28	3-4 p.							Tornado
			A tornado warning was issued for Kennebunk on basis of hook echo on radar but only minor tree damage was reported in the area.						
MARYLAND									
Northern Dorchester County	2	Morning-Afternoon			0	0			Flash flood
			8-10 inch rainfall in area left many roads either washed out or impassable. Several homes in Rhodesdale area flooded.						
Washington County	10-11				0	0			Thunderstorms
			Power outages numerous traffic accidents in storms that occurred around 4 p.m. of the 10th and again the morning of the 11th.						
Union Bridge	12	2-4 p			0	0	4		Windstorm
			Two separate storms with "tornado-like" winds. Roof of school partially removed.						
MARYLAND (continued)									
Cresaptown	12	Afternoon			0	0	0		Electrical
			Power outage due to lightning striking transformer.						
Carroll, Howard and Montgomery Counties	12	Afternoon			0	0			Thunderstorms
			Numerous power outages, downed trees and reported crop damage.						
Wicomico and Dorchester Counties	14	Night			0	0	0		Electrical
			Lightning damaged telephone and power lines.						
Frederick	18	6 p			0	0			Flash flood
			Several roads closed; damage to several homes and businesses.						
Wicomico, Dorchester and Somerset Counties	21-22	Night to early a.m.			0	1			Flash floods
			Several roads flooded; numerous traffic accidents. Some crop losses. Over six inches of rain reported in Salisbury-Pocomoke City area.						
DISTRICT OF COLUMBIA									
Metropolitan area	20-21				0	0			Rain
			Rain beginning the night of the 20th continued into the 21st with up to 6 inches reported in some sections. Local flooding caused some evacuation in the Four Mile Run area.						
MASSACHUSETTS									
Millers Falls, Erving	2	9:20 a.	?	narrow	0	0	2	0	Tornado
			Small tornado passed through Millers Falls and Erving (5 miles ENE) doing minor damage. Very dark, cone shaped funnel seen at Millers Falls Paper Company. Believe Millers Falls and Erving tornados same from time and direction. Path width narrow but unknown - probably less than 100 feet. Several trees and utility lines downed and tent hurled 40 feet through the air. No evidence of tornado on ground between Millers Falls and Erving.						
Essex, Leicester	8	7:30 p.			1	1	0	0	Lightning
			Girl, 17 years old struck by lightning and killed instantly while standing with 2 friends on a softball field. Friends uninjured. Leicester man struck on street at same time and knocked down, slightly injured leg.						
Springfield	10	2 p.			0	0	0	0	Hail
			Hail to 3/4 inch diameter with gusty winds in thunderstorm. No damage reported.						
Brockton	10	5 p.-5:30 p.		short narrow	0	0	3	0	Windstorm
			Strong winds associated with thunderstorm did considerable tree and utility damage to several block area along one side of Westport Drive. House screens torn off and numerous shingles removed. Ladder lifted out of swimming pool. Lawn furniture scattered. A sound like a "blast" was heard. No funnel reported.						
Berkshire County	10	9 p. - 10 p.			0	0	4	0	Thunderstorms
			Line of thunderstorms approaching severe levels downed tree limbs, utility lines and did minor property damage. Towns of Stockbridge, Lenox, Dalton reported wind damage. Lightning struck building in Adams.						
Richmond to Alford	28	1 p. - 1:20 p.	11	350	4	43	%	C	Tornado
			Large tornado dipped from severe thunderstorm at Berkshire Boy's Farm in New York State (see New York) moved south-southeastward crossing the state line near Route 295 and moved on slightly parabolic path turning towards SSW, leveling a large truck stop complex on Route 102 in W. Stockbridge. Several homes and thousands of trees destroyed. Last damage to structures was to Fairmont Boy's Camp after which tornado traveled several miles through woods into Alford. Three killed and most of the injured were at the truck stop which was demolished. Another killed in house nearby. Two fully-loaded semi-trailers rolled over several times. Several cars in the parking lot demolished when carried or rolled. Low shrubs and trees leveled. Path width varied from .15 to .3 miles and at times 2 separate funnels evident from damage track. Track length about 11 miles including portion in New York. Roaring noises and pressure reductions reported. Funnel seen by several indicating at beginning of path was cone-shaped and near maximum destruction, columnar. Hail reported to right of track to size of hen's eggs. Considerable wind damage outward to half mile either side of track with tree fall indicating strong inflow. Estimated Fujita scale 4 from damage. First major New England tornado since June 9, 1953.						
Essex County	28	1:15 p. - 2 p.			0	0	3	0	Severe Thunderstorms
			Severe thunderstorms moved Southeastward across Essex County with strong winds and large hail. Cooperative observer in Danvers reported hailstones 1 3/4 by 3/4 inches like "scrambled eggs". Golf ball size hail at Atkinson, NH 3 miles over Mass. State Line. Few trees, limbs, utilities downed in Topsfield, Haverhill, Merrimac, Georgetown, Cleveland.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MASSACHUSETTS (continued)									
State	31	5:30 p. 7:30 p.			0	3	4*	C	Severe Thunderstorms Lightning
		Line of strong thunderstorms with several severe cells moved rapidly southeastward across State. Strongest cells over west, north-central, and northeast sections where dozens of towns lost power for several hours. Hail size of hens eggs in Lawrence-Lowell-Andover area. Large hail at Great Barrington. Marble-sized hail and gusts to 53 miles an hour at Worcester Airport at 6:40 p.m. Over 150 trees blown down and several persons injured by windblown debris in Fitchburg and numerous limbs and some trees downed in many other towns. Much local flooding due to torrential rains with numerous lightning strikes. Man struck by lightning in Arlington and woman struck in Warwick and knocked unconscious. Girl in Marblehead slightly injured from lightning. All recovered.							
MICHIGAN									
Detroit River	1	3:45p			0	0	0		Tornado
		Touched down just below Belle Isle, moved a short distance over water and lifted. Was seen aloft over east side of Windsor. Touched down twice near Tecumseh, Ontario, doing minor damage.							
West Branch, Ogemaw Co.	2	10:30a				1			Lightning
		House struck. Boy using telephone injured.							
3 S South Haven, Van Buren Co.	8	7:40p					3		Lightning
		House set afire.							
Grand Rapids, Kent Co.	8	8:15p					3		Lightning.
		House damaged and set afire. Two persons injured attempting to rescue occupant.							
Lakeview, Montcalm Co.	8	evening					2		Lightning.
		House set afire. Volunteer fireman electrocuted fighting fire.							
Allegan, Allegan Co.	8	evening					4		Lightning
Carson City, Montcalm Co.	8	8:30p	5	30	0	6	4	1	Tornado
		Tornado formed 4 miles west of city. First damaged intersection of Crystal Road and M57 then moved generally east into Carson City. Store, service station and 8 mobile homes damaged at first or main-point of touchdown with substantial damage to trees, power lines and aerials in Carson City.							
Sanford Lake, Midland Co.	8	8:45p					3		Wind
		House damaged, including porch torn off.							
3 NE Holton, Muskegon Co.	8	9:45p					4		Lightning
		Barn, tractor, and other contents destroyed.							
Allegan, Allegan Co.	9	4:30-5a					4		Wind, lightning
		House set afire by lightning and destroyed. Other buildings damaged by lightning and falling trees.							
Romulus, Wayne Co.	9	7:45a		34			2		Wind
		Two trailers and one trailer-truck combination blown over one mile north of Metropolitan Airport. Thunderstorm, no gusts, at airport.							
Jackson and Washtenaw Counties	9	12-3p			15	4			Wind, rain, & lightning
		One person injured when struck by tree split by lightning. Two persons injured as canopy collapsed under weight of rainwater. Twelve persons injured as automobiles went out of control in heavy rain. Mobile home overturned. Many buildings damaged by wind and lightning.							
1 N Monroe, Monroe Co.	9	3:25p				2	3		Wind
		Automobile blown into opposing lane, causing collision, during restricted visibility in blowing dust. Trees down.							
4 E Peck, Sanilac Co.	9	afternoon					3		Wind
		Mobile home overturned and destroyed. Boat damaged. Trees down.							
Lake Michigan, off Arcadia	14	10:45a							Waterspouts
Muskegon, Muskegon Co.	17	9:30a					3		Wind, rain, & lightning
		Two cars destroyed by trees split by lightning. Trees and power lines down. Local urban flooding.							
MICHIGAN (continued)									
East Lansing, Ingham Co.	17	afternoon						5	Rain
		Local urban flooding. Most of damage was to merchandise in Frandor Shopping Center.							
Republic, Marquette Co.	19	5p	0.5		0	0	3		Tornado
		Two buildings demolished. High school damaged.							
Ottawa, Allegan & Van Buren Counties	19	10-11p			0	0	5	C	Severe thunderstorm.
		Widespread tree and power line damage, some mobile homes in Allegan around Saugatuck area blown over. Minor damage to several buildings.							
St. Joseph Co.	20	12:30a			0	0	5	C	Tornado and severe thunderstorm.
		Widespread wind damage in northwest and south central townships. Numerous buildings, extensive tree and power line damage by apparently straight line winds of hurricane force. Radio station WSTR in Sturgis lost the top 200 feet of their 300-foot transmitting tower.							
		Tornado occurred 2-3 miles north-northwest of Sturgis. A large barn and two smaller buildings clustered together along with a small metal silo were destroyed.							
MINNESOTA									
Hallock and Donaldson, Kittson County	18	1a			0	0	4	0	Wind
		A late model trailer home destroyed at Hallock. A large research balloon was destroyed at Donaldson - winds to 77 mph.							
Mankato - New Ulm Area Nicollet & Brown Counties	21	11a			0	0	4	0	Wind
		Downed or broken off tree limbs caused damage to utility lines. One trailer home moved off foundation. Outdoor theater screen damaged. Some small hail and locally heavy rain reported.							
West Central: Raymond, Kirkhoven, Prinsburg, Olivia, Bird Island areas	21	9a - 11a			0	1	6	4	Wind, hail, heavy rain
		Winds estimated at 80 mph accompanied by heavy rain and hail began in southeast Swift County, continuing across southwest Kandiyohi and into central Renville county. Winds downed trees and utility lines, destroyed or damaged numerous barns and garages, damaged or destroyed 5 trailer homes, toppled TV antennas and a baseball field light standard and damaged concession rides at a fair ground. Hail, 1/4 to 1/2 inch in diameter damaged crops. Rains of two to three inches accompanied storm.							
Hancock-Cyrus, Stevens & Pope Counties	31	4:42 p	15	75	0	0	5	0	Tornado
		Funnels first reported in Southeast Stevens County at 4:25 p - movement north northeastward with touchdowns at Hancock 4NE, Stevens County, at 4:42 p and at Cyrus 3S, Pope County, at 4:50 p. Structures and machinery on 6 farms heavily damaged or destroyed. Thirty head of sheep killed. Trees in groves uprooted and twisted off. Funnels Clontarf 4NW 4:25p; Hancock 4NE 4:45p; Cyrus 3S 4:50 p; Lowry 3W 5:05 p.							
Princeton 3W, Mille Lacs County	31	6 p			0	1	4	0	Wind
		Strong winds destroyed a trailer home.							
Detroit Lakes SSW, Becker County	31	7:30 p	1/2	30	0	3	4	0	Tornado
		Tornado turned over a trailer home with minor injuries to three people.							
New York Mills SNE, Ottertail County	31	8 p	2	40	0	0	5	0	Tornado
		Tornado skipped across area with damage at 4 farms. Two barns and seven smaller buildings damaged or destroyed. Eighteen head of livestock killed. Many trees damaged or uprooted resulting in damage to utility lines and poles.							
FUNNEL CLOUDS REPORTED DURING AUGUST									
County	Date	Time	Location & Remarks						
Grant	5	8:13 p	Hoffman						
Wilkin	8	1:00 p	Rothsdy						
Grant	8	1:57 p	Hoffman						
St. Louis	8	3:32 p	Virginia						
Anoka	8	5:12 p	Anoka						
Cass	8	8:35 p	Leech Lake						
Freeborn	8	10:25 p	Freeborn						
Steele	11	8:00 p	Ellendale						
Steele	11	8:15 p	Blooming Prairie						
Mower	11	8:50 p	Brownsdale						

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					KILLED	INJURED	PROPERTY	CROPS		
MINNESOTA (continued)										
County	Date	Time								Location & Remarks
Freeborn	11	10:25 p								Freeborn
Ramsey	15	6:07 p								North Branch
Henhepin	15	8:15 p								Lake Minnetonka
Scott	16	4:40 p								Jordan
Scott	16	4:48 p								Prior Lake
Sawyer	16	8:07 p								Southeast
Renville	21	9:58 a								Olivia 5 NW
Douglas	31	5:47 p								Lake Miltona 25W
Grant	31	6:00 p								Hoffman 2NE
Douglas	31	6:00 p								Brandon
Douglas	31	6:00 p								Millerville
MISSISSIPPI										
Gulfport Vicinity Harrison County	7	4 PM	Observed near	Cat Island	0	0	0	0	0	Waterspout in Mississippi Sound.
Tishomingo 4 Mi East Tishomingo County	13	3 PM	Lightning destroyed	Home and Contents.	0	0	4	0	0	Lightning
Bentonia Vicinity Yazoo County	18	1:35 PM								Funnel Cloud
Onward Vicinity Sharkey County	18	4:30 PM 5:30 PM	A group of 5 funnel clouds was observed on occasion and a group of 6 funnel clouds on another occasion.						one	11 Funnel Clouds
Furvis Lamar County	26	6:15 PM	Lightning killed woman as she passed under tree while walking home.		1	0	0	0	0	Lightning
MISSOURI										
Maryville, Madaway Co.	7	6p.-7p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm 1.78 inches of rain, with damaging winds and lightning.
Kirkville, Adair Co.	8	2:30p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm Heavy rain of 2 1/2 inches caused flash flooding.
Kirkville, Adair Co.	8	4:33p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm Severe electrical storm lasting until after 7 p.m. There were many lightning strikes and power outages. Up to 7 inches of rain fell with winds up to 45 MPH.
New Boston, Linn Co.	8	5:30p.	? ?	0 0 3 0	0	0	0	0	0	Severe Thunderstorm Lightning destroyed a barn and its contents. 4 1/2 inches of rain was reported with highways closing due to flooding.
Joplin, Newton Co.	10	3:20p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm 70 mile-per-hour winds with hail and heavy rain.
Goodman, McDonald Co.	10	4p.	? ?	0 0 4 0	0	0	0	0	0	Severe Thunderstorm 200-foot chickenhouse destroyed.
Monroe City, Marion County	11-12	p.m.-a.m.	? ?	0 0 0 0	0	0	0	0	0	Thunderstorm 3 to 5 inches of rain.
St. Joseph, Buchanan County	11	7p.	? ?	0 4 0 0	0	0	0	0	0	Severe Thunderstorm Widespread tree damage and wire damage. Four injuries resulted from a tree falling on a pickup truck.
Mound City and Big Lake Area, Holt & Andrew Counties	11	7p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Two inches of rain were reported in Mound City with numerous reports of six to seven inches around Big Lake. Parts of a damaged airport was recovered across the lake. An airplane hangar was ruined by wind, a trailer overturned, and a 60-foot TV antenna was downed.
Joplin, Newton Co.	12	6p.	? ?	0 0 ? 0	0	0	0	0	0	Thunderstorm Minor tree and roof damage.
Caledonia, Washington County	12	6p.	? ?	0 0 0 0	0	0	0	0	0	Thunderstorm High winds and small hail with some damage to trees and lines.
St. Louis, St. Louis County	12	9p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm Spirit of St. Louis Airport at Chesterfield reported 69 MPH winds.
Pevely, Jefferson Co.	12	9p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Four mobile homes overturned and trees were blown onto the highway.
Perryville, Perry Co.	12	5p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Severe wind, rain, and hail dumped 3 inches of rain. The historical Bohmert's Mill built in 1900 was destroyed.
MISSOURI (continued)										
Bull Shoals Lake, Toney County	12	4:30p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Lakepoint and Rainbo Ridge resorts reported boat docks were blown into the lake and boats swamped.
Mt. Vernon, Lawrence County	12	4:30p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm One-inch hail.
Springfield, Greene County	12	4:30p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm A barn and trees were blown down. A house trailer, service station and oil tanks were damaged.
Licking, Tama Co.	13	11:30a.	? ?	0 0 ? 0	0	0	0	0	0	Hailstorm Golfball size hail damaged a mobile home and caused considerable tree damage.
Ironton, Madison Co.	13	5p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Plate glass windows destroyed and a residence derpoled. There was considerable tree damage with downed lines.
Cape Girardeau, Cape Girardeau Co.	13	3:40 p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Trees uprooted in south Cape and a revival tent destroyed.
Marthasville, Warren County	13	5p.	0 0	0 0 0 0	0	0	0	0	0	Flash Flood 3 1/2 to 4 inches of rain in one-half hour.
New Madrid, Mississippi County	29	3:20p.	0 0	0 0 0 0	0	0	0	0	0	Hailstorm One-inch hail caused considerable power line damage.
Cape Girardeau, Cape Girardeau Co.	29	4:30p.	? ?	0 0 0 0	0	0	0	0	0	Severe Thunderstorm Widespread lightning damage occurred around the county and particularly at Jackson.
Mexico, Audrain Co.	29	5p.	? ?	0 0 ? 0	0	0	0	0	0	Severe Thunderstorm Lightning killed some livestock. A metal grain bin was destroyed, several small outbuildings deroofed, mobile home court damaged and TV antennas were bent.
MONTANA										
Near Carter Chouteau County	4	6P-7P	Hail and damaging wind storm in	Chouteau County	0	0	3	4	0	Tornado, Damaging Winds, Heavy Rain, and Hail destroyed small grain crops along a 15-mile path. A tornado was observed touching down briefly across Highway 87 southwest of Carter.
Havre Hill County	5	5 PM	A narrow band of damaging winds caused damage to a garage and barn east of Havre.		0	0	3	0	0	Damaging Winds
Missoula Missoula County	13	8 PM	Wind gusts to 67 miles per hour occurred during a thunderstorm which caused power line damage, damage to trees, and to one aircraft at the airport.		0	0	3	2	0	Damaging Winds
Bozeman Gallatin County	13	8 PM	A severe thunderstorm with damaging winds resulted in two injuries that occurred around 6 PM. Winds were estimated near 65 miles per hour. Damage reported was to trailers, trees, and power lines.		0	2	4	3	0	Severe thunderstorm and damaging winds.
Malta Phillips County	13	Evening	A severe electrical storm set fires to one building causing severe grass fires.		0	0	3	2	0	Severe electrical storm
Florence Ravalli County	13	Evening	Damaging winds resulted in damage to barns and power lines		0	0	3	3	0	Damaging Winds
Livingston Park County	13	Evening	Wind gusts estimated at 70 miles per hour caused damage to power lines and trailers.		0	0	3	3	0	Thunderstorm and damaging winds.
Red Lodge Carbon County	13	Evening	A thunderstorm with damaging winds blew a tree on to the highway and struck a motorcycle resulting in one death and one injury. Several trailers were damaged by strong winds estimated at 65 miles per hour.		1	1	3	0	0	Damaging Winds and thunderstorms
Belgrade Gallatin County	23	Early	A severe thunderstorm with winds estimated at 70 miles per hour and one inch hail caused considerable damage to roofs, gardens, and crops.		0	0	3	4	0	Damaging Winds and Hail
Mobridge and Winifred Fergus County	23	Night	A severe thunderstorm moved across the northern part of Fergus County accompanied by lightning and damaging wind and hail up to one inch in diameter destroyed crops and broke windows in farm houses. Wind damage to hay stacks, TV antennas, and farm buildings. This		0	0	4	5	0	Damaging Winds, Hail and Lightning

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					KILLED	INJURED	PROPERTY	CROPS	
MONTANA (continued)									
									was reported as the most severe storm by long-time residents of this area. Lightning struck a church twice at Winifred causing a fire which resulted in the total loss of the building.
Ashland Rosebud County	23	Midnight			0	1	3	0	Lightning Storm
									A forest ranger was injured by lightning that struck an ungrounded TV antenna. Caused a small fire in the residence.
Glasgow Valley County	30	3 AM			0	1	3	0	Strong Winds
									A thunderstorm with heavy rain and winds estimated at 55 miles per hour. Four plate glass windows were broken in a cafe. Roof of a steel bin at a lumber company was blown off and crashed into a power pole so resulted in a broken pole and power outage in some parts of the city.
NEBRASKA									
Phelps County	1	5 p.m.			0	0	2	5	Hail
									Half inch hail damaged 25 to 50 percent crops in several areas with some paint damage.
Buffalo County	1	3:30 pm			0	0	3	5	Hail
									Half to one inch hail piled up 4 inches deep stripped corn to standing stalks and flattened hay fields. There was some tree damage and some damage to buildings.
Brown County	5	Evening			0	0	3	5	Hail
									Hail covered a several mile strip damaging corn and some property.
Red Willow County	5	Night			0	0	4	0	Lightning
									Three power transformers knocked out and a funeral home radio transceiver and garbage disposal destroyed.
Clay County	7	Evening			0	0	4	0	Lightning
									Lightning struck a church steeple and blew out a small portion of a wall near the ground.
Richardson County	7	6:30 pm			0	0	4	0	Lightning
									Lightning struck a church steeple setting it on fire and completely burning it off along with most of the church roof.
Nuckolls County	8	8 p.m.			0	?	5	6	Strong Winds
									Several campers and 5 mobile homes overturned. Tree damage. Damage estimates to corn and milo ranged to 100 percent. Hay and alfalfa fields flattened. Barn roof blew off and grain bins destroyed.
Adams, and Buffalo Counties	8	6:30 pm to 7:30pm			0	0	5	6	Hail and Strong Winds
									Hail ranging up to 3 inches and strong winds shredded soy beans, corn, and milo. Loss 75 to 90 percent. Tree damage. Windows knocked out. Utility lines broken.
Brown County	8	Afternoon			0	0	3	6	Hail
									Several thousand acres of corn near a total loss from hail up to 1 inch.
Jefferson County	11	Late Afternoon			0	0	2	5	Hail
									Hail up to 2 1/2 inches damaged corn, milo, and soy beans. Some damage to roofs and windows.
Keith and Deuel Counties	11	9 p.m.			0	0	4	3	Hail and Lightning
									Marble sized hail damaged corn. Lightning damaged roofs and a power failure resulted. Power and telephones out from wind and lightning damage.
Richardson and Nemaha Counties	11	Evening			0	0	4	5	Heavy Rain and Hail
									Rain up to 5 inches caused heavy crop damage and closed roads. 1/2 inch hail caused some crop damage.
Garden, Deuel, Keith, Cheyenne Counties	12	Evening			0	0	5	4	Hail and Strong Winds
									1/2 inch hail and strong winds caused damage to utility lines, crops and trees.
NEBRASKA (continued)									
Richardson County	12	1 to 2 a.m.			0	0	3	?	Lightning
									Lightning set barn on fire with loss of 6500 bales of hay.
Furnas County	13	Morning			0	0	4	0	Strong Winds
									Strong winds collapsed roof in Wilsonville.
Valley, Greeley, Howard, and Buffalo Counties	15	Midnight to 2 a.m.			0	0	3	6	Hail and Heavy Rains
									Worst hail storm on record caused extensive crop damage and local flooding from Ord through North Loup to Cotesfield. Hail was up to 1 1/2 inches.
Dawes County	22	5 p.m.			0	0	4	2	Strong Winds
									Strong winds caused extensive damage to mobile homes in Chadron.
NEVADA									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
NEW HAMPSHIRE									
Manchester, Hillsborough County	3	PM					6	4	Thunderstorms, heavy rain
									Cloudbursts with severe thunderstorms caused extensive flooding of streets and buildings. Destroyed crops.
Auburn, Merrimack County	28	12:30 p							Thunderstorms, 1" hail
									Thunderstorms in southern and central portions caused tree damage and downed power lines.
NEW JERSEY									
North Central Area	2	7:30 AM Noon	--	--	6	?	7	0	Rain Flooding
									Storm system from Pennsylvania produced the most devastating flood in Central New Jersey history. Hardest hit by the flooding were North Plainfield, Plainfield, Middlesex, Dunellen, Bound Brook, Cranford, and Watchung. Total of 7.03 inches of rain fell between 7:30 AM and noon on a relatively narrow belt of Union, Somerset and Northern Middlesex County. Storm totals decreased sharply in the southern portions of Middlesex County where the rains were barely noticed. Flooding severely crippled highway and street travel. Many residents were forced to flee their home as floodwaters rose as high as fifteen feet in some sections. Some railroad service was curtailed because of flooding and mudslide. Electric power was turned off by utilities to protect residents from electrocution. Many telephone lines were down in the flooded area. Six persons were killed as a direct result of the flooding.
Wayne	10				1	3	0	0	Thunderstorm
									Severe thunderstorm resulted in one death and three injuries.
Monmouth, Ocean County	11	PM			0	5	0	0	Thunderstorm Lightning
									Thunderstorms deluged the Monmouth Ocean County Area with 1-2 inches of rain. One man was injured when struck by lightning while sailing in Barnegat Bay. The others were injured in storm-related automobile accidents.
NEW MEXICO									
Albuquerque, Bernalillo County	2	Midnight-5:00 a.	-	-	0	0	5	3	Rain
									Extensive damage from flooding in suburban area. Reliable rainfall measurements above 1 1/2 inches. Much of damage due to breaks in irrigation channels.
Las Vegas, San Miguel County	10	2:00 p.	-	-	0	0	?	?	Hail
									Hail up to 2 inches in diameter accompanying brief, heavy thunderstorm.
Navajo Lake, San Juan County	19	Afternoon	-	-	1	1	-	-	Lightning
									Boater was killed by lightning bolt while reeling in water-ski tow line.
Near Gallup, McKinley County	21	3:30 p.	-	-	-	-	-	-	Funnel clouds
									Two funnel clouds sighted.
5 miles south of Las Cruces, Dona Ana County	29	7:00 p. 1-3 -10:30 p. miles	-	-	0	0	4	3	Heavy rain
									Thunderstorm with heavy rain and some hail caused local flooding, crop damage, and irrigation ditch washouts in agricultural areas. Four families evacuated from homes. Rainfall measurements up to 5 inches in storm area.

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AUGUST 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW YORK COASTAL									
New York City and Northern Queens and Northwestern Nassau, Westchester County	2	AM TO PM			0	0	?	0	Rain, Flooding
			A torrential rainstorm from Pennsylvania produced a record rainfall of 2.49 inches in New York City. Between the hours of 9-10 AM EST 1.51 inches was recorded. This one hour total exceeded the previous record for the date of 1.50 inches set in 1875. Totals to the east of New York City decreased sharply. Flooding caused massive delays on subway and rail lines and tied up commuter traffic around the city. Telephone service was lost to thousands in midtown Manhattan and scattered sections of Brooklyn, Queens, and the Bronx.						
Kings County	11	Late PM Early AM			5	1		0	Thunderstorms Lightning Wind
			Severe thunderstorms and lightning that struck the area were the direct cause of 3 deaths. Three persons were killed by lightning and one injured. One man drowned when a sail boat capsized in Jamaica Bay because of high winds. The other fatality occurred in a storm-related accident on the Interborough Parkway. Power failures were reported in some areas of Queen's and King's Counties. Heavy rain flooded streets in some low lying parts of Brooklyn, Queens, and Long Island.						
NEW YORK CENTRAL									
Rome, Oneida County	9	4:30 PM			0	1	?	0	Thunderstorm Lightning
			Man injured while touching fence electrified by lightning.						
Lowville, Lewis County	18	4:30 PM			1	0	?	0	Thunderstorm
			Canoeist on Beaver River killed by lightning						
Baldwinsville, Onondaga County	18	PM			0	0	3*	C	Thunderstorm
			Ball size of quarters reported						
Adirondacks to Hudson Valley	28	9AM - 2:30PM							
			Severe thunderstorms developed during morning in the Adirondacks and moved Southeastward into the Hudson Valley with three tornadoes reported. Highlights include:						
Indian Lake, Hamilton Co.	9:17 AM	4	140	0	0	4	?		Tornado
			Several structures demolished						
Warren, Saratoga and Washington Counties		late morning			0	0	?	?	Thunderstorms
			Numerous reports of large hail, some ping pong ball size						
Valley Falls, Renesseler County		12:30 PM	3.5	78	0	1	4	?	Tornado
			Trailer demolished injuring a small child						
Canaan, Columbia County		1:00 PM	11	313	0	0	5	?	Tornado
			Tornado struck Berkshire Farm for Boys severely damaging several structures. Damage was estimated at \$250,000. Some evidence of a dual funnel exists for the last 5 or 6 miles of the path. This tornado then crossed into Western Massachusetts resulting in fatalities in West Stockbridge.						
Massena, St. Lawrence County	30	4:30 PM			0	0	4	?	Thunderstorms
			Several trailers overturned by wind. Large section of concrete in newly built shopping center blown over by wind. Lightning caused barn fire at Brasher's Flats.						
Binghamton, Broome Co.	31	PM			0	3	4	?	Thunderstorm
			Three residents injured by flying debris.						
Port Kent, Essex Co.	31	PM			0	0	4	0	Thunderstorm
			Lightning fire destroyed a church						
Canajoharie, Montgomery County	31	PM			0	0	4	0	Thunderstorm
			Lightning fire destroyed a farmhouse						
Esperance, Schoharie County	31	Evening			1	0	4	0	Thunderstorm
			Baby killed when high winds tore house trailer off it's foundation.						
NEW YORK WESTERN									
Chautauqua County, scattered areas	9	7-9 p.			0	0	4	unk	Thunderstorms
			Winds downed power lines and lightning struck several high voltage wires throughout scattered areas, causing power failures. One barn set on fire, destroying 5000 bales of new hay						
Chautauqua County, Jamestown area	17	5-7 p.			0	0	unk	unk	Rain and wind
			A few trees fell on wires, causing brief power failure. Rain caused minor flooding.						
Erie County, Buffalo area	19	3-5 p.			0	0	unk	unk	Thunderstorms
			Lightning strikes disrupted electrical power services.						
NEW YORK (continued) WESTERN									
Chautauqua County Westfield to Dunkirk	20	7-9 p.			0	0	unk	unk	Rain
			Brief heavy rainfall caused minor street flooding. Storm sewers blocked by debris caused some flooded basements in Cheektowaga.						
Monroe and Genesee Counties	27	6-9 a.			0	0	4	unk	Thunderstorms
			Heavy rain caused brief flooding of streets and blocked main highways.						
			Scattered power failures and fires due to lightning. A few barns were destroyed and a school damaged. A few windows blown out and some tree limbs felled due to winds. No report of damages due to 1 inch hail in Spencerport and Avon.						
NORTH CAROLINA									
Fayetteville	1	6:00 p					4	0	Flash flood
			Heavy rains caused flooding damaging streets and electrical utilities. Also stored tobacco damaged, cars, and private homes.						
Ridgeway	3	3:00 p			0	0	4	0	Windstorm
			Strong winds damaged several mobile homes.						
Catawba County	3	8:00 p			0	0	4	0	Thunderstorm
			A violent thunderstorm killed 4 head of cattle, uprooted trees and caused local flooding east of Newton.						
Gastonia	3	8:00 p			0	0	4	0	Windstorm
			Many trees damaged and several cars damaged by strong winds of a thunderstorm.						
Yadkin Valley	6-7	Overnight			0	0	6	0	Flash flood
			Heavy rains caused near 1 million dollars damage in Caldwell County where the Yadkin river overflowed.						
Knightdale	12	10:00 p	3/4	400	0	3	5	0	Windstorm
			Strong winds damaged near \$100,000 of mobile homes.						
Franklin County	13	12:30 a			0	1	4	0	Windstorm
			Strong wind damaged a mobile home, some trees and tobacco crops near Youngsville.						
Oxford	18	a.m.			0	0	4	0	Flash flood
			Heavy rains flooded houses and business places.						
Roxboro	18	a.m.			0	0	4	0	Heavy rain
			Heavy rain on a flat roof caused it to fall causing near \$40,000 damage.						
Johnston County	21	4:45 p			0	0	4	0	Hail storm
			Hail storm in southeast part damage \$25,000 of tobacco crop.						
NORTH DAKOTA									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
OHIO									
West Central Ohio	9	Afternoon & night			0	1	3		Wind, rain and electrical
			Several severe thunderstorms plagued West Central Ohio Thursday afternoon and night. Three inches of rain fell in Bloomingberg, Fayette County and several large trees were blown over. Clark, Delaware and Green Co. were hit hard. Lightning killed a dog and injured its owner in Springfield. Lightning also knocked the brick chimneys off two houses, one in Delaware and another in Xenia severely damaging both houses.						
Hartsgrove, Ashtabula County	9	2:55p			0	0	2		Wind and Funnel
			A severe thunderstorm knocked over several trees, broke off a tv antenna and turned over a trailer camper. A funnel was spotted but did not touch down.						
Northwest Ohio	11	Afternoon & early night			0	0	3	3	Wind, rain, electrical, funnel
			Severe thunderstorms with heavy rain left trees down also streets and fields flooded in Auglaize, Shelby Logan, Seneca, Crawford and Richland Counties. Tents were blown down and canopies were torn off camping units at Lake St. Marys. 5.2 inches of rain was reported in Shelby county causing damage to soybean and corn crops and spot flooding. At 4:05 pm a funnel cloud was reported 8 miles south of Mansfield.						
Hamilton, Warren and Butler Counties	12	3:00p 4:00p			0	0	3		Wind

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					KILLED	INJURED	PROPERTY	CROPS	
OHIO (continued)									
Hamilton, Butler Counties	12	3:00p	1/2	70	0	0	3		Tornado
Severe thunderstorms struck Southwest Ohio downing trees, and ripping the roofs off buildings. Damage to windows, signs and awnings was reported in West Chester.									
Zanesville, Muskingum County and Cambridge Guernsey, County	14	3:15p 3:30p	22	narrow	0	0	4		Tornado
The tornado cut a 70 yd. wide swath across the Butler County Fairgrounds destroying a fence along the race-track and ripping off the roof of a building.									
Lorain, Lorain County	14	Afternoon			0	0	3		Rain, flood
The tornado first touched down 4 miles north of Zanesville damaging 5 residences and toppling trees. It touched down again 10 miles west of Cambridge destroying a barn and a mobile home and two farm tractors.									
Austintown, Mahoning Co. and Ashtabula County	17	1:00p 1:30p			0	0	4	3	Wind
Heavy rains caused some of the worst flooding in Lorain in several years. Flooding caused damage to stores, residences and cars.									
Columbia Station Lorain County	20	10a	2/10	15	0	0	2		Tornado
High winds with thunderstorms caused \$12,000 damage to a circus tent in Austintown. Wind gusts also damaged a barn between North Bloomfield and Orwell in Ashtabula County. Cornfields in the area were blown down and one tree blown over.									
Western Ohio	20	3:00a 7:00a			0	2	4		Wind, rain electrical
A tree top tornado touched down at the junction of Rts. 252 and 82. Damage was limited to the roof of a business, a light pole and a tree.									
Northeast Ohio	20	1:00p 4:00p			0	0	3		Rain, flood
Numerous thunderstorms with damaging winds struck the western counties of Ohio. One person was injured near Waynesville in Warren Co. when a limb fell on his car. Another man was injured when a strong gust of wind blew his car off the road into a pole in Middletown, Butler Co. Several buildings and trees were struck by lightning setting fires. Strong winds toppled trees and poles over Western Ohio.									
Southwest and Central Ohio	30	4:00p 9:00p			0	0	4		Wind electrical
Heavy rains hit the eastern section of Cleveland and Northeast Ohio. Rains measuring 2 to 3 inches caused serious flooding in Cleveland and urban flooding in Northeast Ohio.									
Northeast Ohio	30	night			0	0	3		Wind, electrical hail
Thunderstorms with wind gusts to 67 mph at Cincinnati and Columbus downed trees and damaged roofs of houses and farm buildings. At Middletown in Butler County several roofs were blown off houses. Lightning damaged houses and set off fires to several.									
Cincinnati, Hamilton County	31	4:05p			0	0	1		Wind
Wind gusts to 51 mph in Ashtabula County. Lightning set fire to three houses in Elyria, Lorain County and set fire to an oil tank in Ashtabula. Golfball size hail was reported by a pilot near Youngstown, Mahoning County.									
OKLAHOMA									
Pawnee, Pawnee County	8	Afternoon			1	1	0	0	Lightning
A wind gust of 58 mph hit Lunken Airport.									
Tulsa, Tulsa County	8	3:30 p.- 5:30 p.			0	0	5	0	Lightning, heavy rain
An 18-year-old youth was killed while hauling hay 1 mile south of Pawnee. His brother was injured slightly and his father was not injured.									
Lightning struck a church in Tulsa about 5:30 p.m. setting it on fire. Damage totaled \$150,000. The lightning apparently contacted a water pipe and melted a union in the pipe 150 feet from the building. Three high voltage lines were knocked out by the lightning. Some flooding of low lying underpasses resulted from rainfall totaling 1.5 to 3 inches.									
OKLAHOMA (continued)									
Southern Rogers County	8	3:55 p.			0	0	0	0	Funnel aloft
A funnel aloft was reported by an aircraft 23 miles east-southeast of Tulsa. No damage of any kind was reported.									
Oklahoma City, Oklahoma County	10	3:15 p.- 5:00 p.			2	1	4	0	Wind, lightning
Winds reported at about 50 m.p.h. blew over two trailers and some trees. The gusty winds were reported to have been responsible for toppling some steel girders in a hospital under construction. Two workers were killed and one injured. Lightning struck and damaged a radio station antenna on top of an office building and also set fire to a home.									
Muskogee, Muskogee County	10	3:45 p.			0	0	5	0	Wind, lightning
Strong winds associated with a thunderstorm heavily damaged a \$15,000 airplane and did \$20,000 damage to a hangar on the airfield. The strong winds also blew over 10 power line poles and flipped over several mobile homes. Lightning burned out several power transformers knocking out power to numerous homes and was apparently responsible for setting fire to two homes.									
Near Checotah, McIntosh County	10	5:30 p.			0	0	4	0	Tornado
A small tornado touched down 3 miles north of Checotah moving toward the east. It ripped the roof off a trailer house, tipped over a grain bin and damaged some trees and power lines.									
Near Hobart, Kiowa County	10	6:00 p.			0	0	0	0	Funnel aloft
A small thin funnel aloft was reported by the public west of Hobart moving southward. No damage was reported though it was reported near the ground for 6 minutes.									
Near Bufaula Dam, McIntosh County	10	Early Evening			0	0	0	0	Funnel aloft
A funnel aloft was reported by the state police north of Bufaula Dam moving northeastward. No damage was reported. This may have been associated with the tornado reported near Checotah.									
Jay, Delaware County	15	About 3:00 p. or 4:00 p.			0	0	3	0	Lightning
Lightning was apparently responsible for starting fires in a trailer home in Jay and in a nearby rural home.									
Near Tahlequah, Cherokee County	15	Late Afternoon			1	1	3	0	Lightning
Lightning toppled a large tree onto a camper killing one child and injuring another.									
Mustang, Canadian County	15	About 6:00 p.			0	0	5	0	Wind
Winds estimated at 65-70 m.p.h. caused considerable damage to a commercial building under construction and some roof damage to many roofs in the Lakehoma section. Some barns were damaged and breaks in power lines occurred.									
Blanchard, Cleveland County	15	7:45 p.			0	0	5	0	Wind
Strong winds estimated at 70 m.p.h. demolished 2 mobile homes near Blanchard and toppled several large trees.									
OREGON									
Entire State	All Month								
Drought conditions continued over the eastern half of the state. Most of eastern Oregon is in severe drought condition and western Oregon moderate drought condition.									
The drought has caused low yield conditions for hay, wheat, and barley in eastern Oregon. Range and pasture is extremely dry in many areas.									
Portland	12	Thunderstorm							
Thunderstorms, August 12, caused numerous power outages in the Portland area with some light damage reported.									
Wallowa County	19	Lightning set fires on National BLM and State Forest Lands causing some major timber loss. A fire set by lightning during the week of August 19, spread over 16,000 acres in the Wallowa Whitman National Forest located in Wallowa County.							
PACIFIC PENNSYLVANIA									
NO STORM DATA REPORT RECEIVED FOR THIS AREA									
EASTERN PENNSYLVANIA									
NO STORM DATA REPORT RECEIVED FOR EASTERN PENNSYLVANIA									
WESTERN PENNSYLVANIA									
Eric and Crawford Counties	9	5:15 - 6:40 p.m.			0	0	4	3	Lightning, high wind, heavy rain
Lightning and winds up to 50 mph caused damage to trees and power lines, plus some minor resultant structural damage.									

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PENNSYLVANIA (continued)										
Green County	17	4:15-5:30 p.m.			0	0	4	0	Lightning, high wind, heavy rain	
Fallen trees, brief power outages, some sewer flooding and some minor structural damage.										
Lawrence and Beaver Counties	17	6:30-7:30 p.m.			0	2	4	0	Lightning, high wind, heavy rain	
Basement flooding. Injuries result of accident on wet road during storm.										
Smithport	18	5 p.m.			0	0	4	0	Lightning, heavy rain	
Several bridges washed away. Basement flooding and further damage to homes which had been damaged in storm of July 28th. Fire resulting from lightning severely damaged church. Road under construction blocked by building material washed away by rain.										
Shenango Valley, Mercer and Crawford Counties	31	7 p.m. - Mid't.			0	0	4	0	Electric storms	
Series of electric storms moving through district set off a number of fires. Many power outages.										
PUERTO RICO										
Eastern Portion	15	11:00 a.-9:00 p.			1	0	5	0	Heavy Rain, Wind	
A strong easterly wave moved thru the eastern Caribbean and across Puerto Rico early on August 15. By noon an area of heavy rain and thundershowers moved into the eastern portion of the island. Pic del Este in the Luquillo Mountains reported the highest 24-hour total of 5.80 inches followed by 5.45 inches at Juncos in the Eastern Interior Division. Considerable flooding occurred in low lying areas and most eastern rivers were near or at flood stage.										
In Cayey an 85 year old man drowned while trying to cross a swollen creek.										
In Gurabo two people were rescued by Civil Defense when they were stranded in their car while attempting to cross a bridge connecting the Barrio of Rabo del Buey to the main town.										
In Humacao the Humacao River overflowed its banks and flooded large portions of the surrounding low lying area and requiring Civil Defense to evacuate 200 people.										
In Juncos the Juncos River overflowed in the center of town and water levels rose up to eight feet in the Villa and Villa Graciela Urbanizations. A number of families were evacuated to the Juncos High School.										
In Las Piedras, a small creek overflowed and caused the evacuation of 90 people to the Barrio Montones School.										
In Patillas, 75 people were evacuated to schools due to flooding in low lying parts of the town.										
Transportation and Public Works reported a number of landslides in the eastern interior roads as well as blocked roads due to fallen trees.										
The Communications Authority reported that the micro wave relay tower near Punto Maravilla fell down due to ground erosion and gusty winds. Also the relay tower at Cerro de Punta in Jayuya collapsed from the winds and rain. Both towers were for relay of Telex and telegraph signals and their loss left 34 towns without this service for several days.										
Culebra	23				0	0	0	0	Waterspout	
Two waterspouts were reported 2 miles east of Culebra Island.										
RHODE ISLAND										
NONE REPORTED										
SOUTH CAROLINA										
Florence, S. C.	3	Afternoon	400ft	50 ft	0	0	4	2	Tornado, Rain, Electrical	
Two funnels observed near Florence Airport-one Touched ground in Tara Village of Florence area damaging 4 homes. Lightning heavily damaged restaurant, while rainfall totaling 4.77 inches caused flash flooding with considerable minor damage in Florence. Elsewhere, another heavy thunderstorm caused localized damage in Aiken, South Carolina.										
Midlands and Southern South Carolina	4	Afternoon			0	0	3	2	Rain, Wind, Electrical	
Scattered heavy thunderstorms in midland and southern S. C. caused minor damage: Rt Lancaster a church was damaged by falling trees; at Barnwell and Hilton Head heavy rains caused flash flooding.										
Sumter	15	Afternoon			0	0	3	2	Wind, Rain	
Severe thunderstorm blew down a number of trees destroying a mobile home and damaged several autos.										
SOUTH CAROLINA (continued)										
Northwest and Midlands South Carolina	29	Afternoon			0	0	3	2	Wind, Rain, Electrical	
A NE-SW line of thunderstorm moved rapidly southeastward across northwest and midland, S. C. Minor wind damage was reported at Wellford and Bolling Springs of Spartanburg County; Newberry County; as well as a few other locations in northern S. C.										
SOUTH DAKOTA										
Tripp	1	1730							3/4 " Hail	
Brule	5	Evening						3	High Winds	
Kingsbury, Beadle & Miner Counties	6	1930						3	4	Rain, Large Hail
Jerauld	6	1730								Funnel
Lyman	6	1700								Funnel
Minnehaha	6	2130								Funnel
Hand, Miner & Jerauld Counties	8							5		Heavy Rain & Large Hail
Stanley	14	1739								Tornado
Grant	15	1954								Tornado
Walworth	18	Evening						4		Tornado
Lyman	20	1900							4	Large Hail, Winds
Mallette	20	2000							4	Large Hail, Winds
Tripp	20	2036						4	4	Large Hail, Winds
Coddington	20	2100							3	Large Hail, Winds
Butte & Western Meade	21	2000							3	Lightning, Heavy Rain
Meade	27	1615								Funnel Cloud
Aurora	30	0300	1	100				3		Tornado
Marshall	31	1650	1	50						Tornado
TENNESSEE										
Maryville, Blount County	9	Afternoon						1		Lightning
A 10 year old girl was injured when lightning struck a tree and jumped to a metal chair in which she was sitting.										
Jonesboro, Washington County	10	6:00 p.						4		Lightning
Lightning struck a barn and resultant fire destroyed the barn and 10,000 bales of hay.										
Chattanooga, Hamilton County	11	11:45 p.						4		Wind
Wind from a passing thunderstorm caused considerable damage to marina and yacht club on Lake Chickamauga.										
Dyersburg, Dyer County	13	5:15 p.						5		Wind
Damage was widespread throughout northeast Dyersburg. Of the 9 houses damaged, 5 received minor damage, 2 received moderate and 2 received heavy damage. One public building received heavy roof damage. Many trees throughout the area were broken down. Most damage was caused by trees falling into houses, power lines and automobiles.										
Memphis, Shelby County	13	8:30 p.						5		Lightning
Several thunderstorms moved through the Memphis area during the afternoon of the 13th and caused some minor damage due to flooding of poorly drained areas. The electrical storm in the evening hours beginning around 8:30 p. caused lightning strikes and resultant fires in eleven homes in east Memphis. One mansion valued at over \$450,000 received severe damage from a fire resulting from a lightning strike.										
Willington, Shelby County	29	12:54 p.								Funnel cloud
Funnel cloud sighted 2 miles north of Navy Air Station. Did not touch down. No damage.										
Dyer, Gibson County	29	2:00 p.						5		Wind, lightning
Two businesses and two department stores received heavy roof damage from the wind. Trees broken down and lightning strikes caused power line and transformer damage. Golf club house roof was blown off by the wind and trees knocked down on the fairways.										
Nashville, Davidson County	30	3:20 p.						5		Wind
Wind blew the roof off Fairground grandstand and damaged the roof of an adjoining building. A metal fence along the race track was blown over. A billboard cut a power cable when it was blown over and interrupted power service to 10,000 customers.										

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TEXAS EASTERN											
Galveston	5	3:45 pm			0	0	0	0			Waterspout
		The waterspout remained about one mile in the Gulf offshore from southwest Galveston Island.									
Bolivar Peninsula, Galveston County	6	6:28 am									Funnel Aloft
		The funnel was reported 36 miles northeast of Galveston over Bolivar Peninsula and moved northward.									
Palacios, Matagorda County	8	6:32 am									Funnel Aloft
		The funnel was observed 4 miles east of the Palacios airport moving northward.									
Daisetta, Liberty Co.	8	9:00 am									Funnel Aloft
		The funnel was sighted by a pilot about 3 miles southeast of Daisetta. It moved northward without touching ground.									
Lumberton, Hardin Co.	8	10:15 am									Funnels Aloft
		Several funnels aloft were observed simultaneously over the Lumberton area moving northward.									
Centerville, Leon Co.	8	12:45 pm									Funnel Aloft
		Pilot observed the funnel about 10 miles east of Centerville.									
Alvin, Brazoria Co.	9	9:49 am									Funnel Aloft
		Funnel was observed by a pilot northwest of Alvin. Movement was northward.									
Mustang Island, Matagorda County	9	11:46 am									Funnel Aloft
		Funnel was observed over Mustang 19 miles south of Palacios. It moved north and dissipated after 10 minutes.									
Nederland, Jefferson County	9	12:40 pm			0	0	4	0			Heavy Rain
		Rains of about 3-1/2 inches fell in the local Nederland area with 3 inches falling in one hour. Extensive street flooding occurred with damage to some homes and businesses.									
Port Arthur, Jefferson County	9	12:45 pm	Short Narrow		0	0	0	3			Tornado
		The tornado touched down briefly on the extreme western edge of the Port Arthur city limits at Farm Road 365 and Jade Avenue. The funnel was observed on the ground only a short while in a rice field. Damage occurred to only a small portion of the rice crop.									
Aransas Pass, San Patricio County	11	6:25 am									Funnels Aloft
		Police reported numerous funnels over Aransas Pass moving to the north-northwest. None touched ground.									
Matagorda Bay, Matagorda County	11	11:00 am			0	0	0	0			Waterspout
		Waterspout was reported in Matagorda Bay about 10 miles southeast of Palacios.									
Corpus Christi	11	11:40 am									Funnel Aloft
		The funnel formed about 7 miles west of International Airport over the Annville area. It remained nearly stationary for a short while before dissipating.									
Port Isabel, Cameron County	12	12:10 pm	Short Narrow		0	0	0	0			Tornado
		A funnel was observed to touch ground briefly in open marshland 10 miles west of Port Isabel. The funnel was small and no damage occurred.									
Beaumont, Jefferson County	12	5:30 pm									Funnel Aloft
		A funnel cloud formed and quickly dissipated over the western edge of Beaumont.									
Palacios, Matagorda County	13	9:00 am									Funnel Aloft
		Public reported the funnel 3 miles south of Palacios lasting briefly.									
Mustang Island, Nueces County	13	10:05 am	Short Narrow		0	0	0	0			Waterspout-Tornado
		A waterspout in the Gulf just east of the Fish Pass on the southern end of Mustang Island moved onshore. The funnel traveled a short distance before dissipating.									
Palacios, Matagorda County	13	11:17 am									Funnel Aloft
		Funnel appeared just northwest of the airport, lasting about two minutes before dissipating.									
Lake Jackson, Brazoria County	13	11:44 am									Funnel Aloft
		Funnel cloud was observed by a pilot and state police 4 miles west of Lake Jackson, lasting 2 minutes. There was no evidence of its touching ground.									
Flour Bluff, Nueces County	13	11:46 am	1/4	15	0	0	0	0			Tornado
TEXAS (continued) EASTERN											
		Tornado was observed by Naval personnel 8 miles west-southwest of Corpus Christi Naval Air Station. Duration was 8 minutes and the path was across undeveloped rangelands with no damage occurring.									
Corpus Christi	13	11:50 am									Funnels Aloft
		Several short-lived funnels formed over the Corpus Christi area before noon with none reported touching ground.									
Port Arthur, Jefferson County	13	Noon									Waterspout
		Waterspout occurred in Lake Sabine just south of Port Arthur. It did not cross land and caused no damage to boating.									
Harlingen, Cameron County	13	3:00 pm									Funnel Aloft
		The funnel occurred 7 miles northwest of Harlingen. It moved toward the northwest with no evidence of its touching ground.									
Port Bolivar, Galveston County	14	5:45 am			0	0	0	0			Waterspout
		The waterspout was seen 1-1/2 miles northwest of Port Bolivar in Galveston Bay. Movement was to the northwest and there was no damage to marine traffic.									
Mustang Island, Nueces County	14	9:30 am			0	0	0	0			Waterspout
		Waterspout formed in the Gulf of Mexico just east of Mustang Island 9 miles east of Corpus Christi Naval Air Station. It moved northeast along the coast before dissipating.									
Bay City, Matagorda County	14	10:30 am									Funnels Aloft
		Numerous funnels aloft were sighted from 10:30 am to 12:30 pm from south of Wharton to Bay City to Matagorda. Funnels occurred along a line of thunderstorms. There was no evidence of any funnels touching ground.									
Corpus Christi	14	11:10 am			0	0	0	0			Waterspouts
		Two waterspouts occurred in Corpus Christi Bay, just south of Port Ingleside, about 20 and 15 miles east of Corpus Christi.									
Brownsville, Cameron County	14	Noon									Funnels Aloft
		Several funnels aloft were reported over Brownsville. They moved slowly northward and dissipated.									
Lasara, Willacy Co.	14	1:55 pm									Funnels Aloft
		Two funnels aloft were sighted for a brief period near Lasara. They dissipated without touching ground.									
Corpus Christi	15	9:05 am									Funnel Aloft
		The funnel was observed at International Airport and lasted 5 minutes. The funnel was reported to be at a higher than usual altitude.									
Winnie, Chambers Co.	15	1:25 pm									Funnels Aloft
		Two funnels were sighted by the Texas Highway Department just southeast of Winnie. They dissipated within 5 minutes.									
Rockport, Aransas Co.	16	10:20 am			0	0	0	0			Waterspout
		The waterspout occurred on Aransas Bay just east of Rockport. No damage occurred to boating.									
Beaumont, Jefferson County	16	12:35 pm									Funnel Aloft
		Beaumont police sighted the funnel just southwest of Beaumont. It was nearly stationary and soon dissipated.									
Galveston	17	10:20 am			0	0	0	0			Waterspout
		Pilot observed the waterspout 20 miles east of Galveston.									
Houston	17	7:00 pm									Funnels Aloft
		Several funnels aloft were sighted southeast of Houston about 3 miles east of Ellington Air Force Base.									
Beaumont, Jefferson County	26	5:15 pm	16	3	0	0	0	40	C		Hail
		A severe thunderstorm moved westward across the northern part of Beaumont. Hail ranging up to 1-3/4 inches diameter fell in the city covering the ground in some areas. Damage was mostly to houses and automobiles with some minor crop damage west of the city.									
Corpus Christi	27	8:27 am									Funnels Aloft
		Funnels were sighted northwest and southwest of the Naval Air Station, moving to the northwest.									
Corpus Christi	27	9:00 am			0	0	0	0			Waterspout
		Waterspout was observed 3 miles north of the Naval Air Station in Corpus Christi Bay. Movement was to the northwest. No damage to marine traffic was reported.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued) EASTERN										TEXAS (continued) WESTERN									
Sinton, San Patricio County	28	6:05 am							Funnel Aloft	Southwest of Wolforth, Lubbock County	7	8:00 p.	1/2	1/4 mi	0	0	2	4	Hail
		Sheriff's Department observed the funnel 1-1/2 miles north of Sinton. Funnel moved northwest and soon dissipated.										Hail to 1 3/4 inches in diameter fell over a small area. Ground was not covered but did some damage to cotton and slight automobile damage. Storm was moving northeastward. Wind gusts to 60 mph accompanied storm.							
Corpus Christi	28	9:05 am			0	0	0	0	Waterspouts	12 miles east of Borger, Hutchinson County	8	4:57 p.							Tornado
		The waterspout at 9:05 am occurred about 4 miles east of the Corpus Christi bayfront. At 9:22 am another was sighted by the Naval Air Station and reported by the public to be 1 mile southeast of the harbor bridge moving northwest. Both dissipated without causing damage.										A funnel cloud dipped down briefly and then receded into clouds as it moved northeastward.							
Galveston	28	12:30 pm			0	0	5	0	Electrical	Groom, Carson County-Washburn, Armstrong County area	8	7:25 p.			0	0	0	0	Funnel Clouds
		Lightning struck a large storage of cotton near the Galveston port setting fire to and damaging a large portion of 2700 bales.										Three funnel clouds appeared briefly in the area as they moved eastward.							
Aransas Pass, San Patricio County	29	8:15 am			0	0	0	0	Waterspouts	Washburn area, Armstrong County	8	8:51 p.	1/8	50	0	0	0	0	Hail
		Texas State Police reported several waterspouts offshore from Aransas Pass. No damage occurred.										Hail to 1 3/4 inches in diameter fell over a very small area and most of stones were small.							
Chapman Ranch, Nueces County	29	9:30 am			0	0	0	0	Tornado	Plainview-Hale Center area, Hale County	8	Evening	25	1 mi	0	0	0	6	Hail
		The tornado was reported on the ground in northern Kleberg County, 8 miles southwest of Chapman Ranch. It moved a short distance through brushy rangeland tearing up vegetation. No damage occurred to structures.										Hail generally less than 1 inch in diameter destroyed cotton crop.							
Sodville, Nueces Co.	29	12:15 pm			0	0	0	0	Funnel Aloft	Southwestern Sulisher County	8-9	Near Midnight	?	?	0	0	0	5	Hail
		A funnel aloft was reported on the north side of Nueces Bay to the south of Sodville. It moved northwest with no evidence of its touching ground.										Hail generally less than 1 inch in diameter destroyed cotton crop.							
LaPorte, Harris Co.	29	1:30 pm							Funnel Aloft	Northern edge of Snyder, Scurry County	11	2:32 p.	1/4	20	0	0	0	0	Tornado
		The funnel remained stationary for a short while over Silvan Beach in LaPorte.										Tornado touched down briefly but there were no reports of damage.							
Offshore Upper Coast	30	12:15 pm			0	0	0	0	Waterspout	12 miles southeast of Lubbock, Lubbock County	11	3:00 p.-4:00 p.	4	1 mi	0	0	0	4	Hail
		A pilot observed the waterspout in open waters 60 miles south of Galveston.										Hail to 3/4 inch in diameter covered ground in spots to 4 inches deep. Some cotton was destroyed.							
TEXAS CENTRAL										UTAH									
SW Wichita Falls, Wichita County	9	4:00P 5:00P	3	500	0	0	4	0	Windstorm	Salt Lake, Davis, and Utah Counties	17	2100 to 2200 M			0	0	05	C	Damaging wind, lightning.
		High winds caused damage to several barns and fences as some power lines were downed in a narrow 5-mile long strip.										High winds and lightning caused fires associated with numerous heavy thunderstorms. Caused approximately \$100,000 damages to buildings and to some crops in Northern Utah during the late evening hours in the area of Kimballs Junction on U.S. 40, in Layton, and other parts of Davis, Salt Lake, and Utah Counties. Numerous forest fires near Logan, Kamas, Bountiful, and in the upper reaches of the Big Cottonwood Canyon caused by lightning were fought by Forest Service and BLM personnel through most of the evening and night.							
Lufkin, Texas Angelina County	28	4:00P			0	0	4	0	Windstorm	Bull Frog Basin area of Lake Powell	20	1600 M			0	0	4	0	Damaging wind.
		Gusty winds uprooted numerous large trees and caused some sign damage. Some utility lines were downed by falling trees. Two boats were reported sunk on Lake Sam Rayburn as a result of six foot waves. Scattered pea size hail was reported across the city.										High winds associated with strong thunderstorm activity caused approximately \$20,000 damages to docks and boats at the Bull Frog Basin Marina.							
Dallas, Texas Dallas County	28	9:30P 11:30P			0	0	5	0	Windstorm, Hail	VERMONT									
		Violent winds accompanied thunderstorm activity across the Garland area of Northeast Dallas, causing heavy damage. Considerable tree damage occurred at the Royal Oaks Country Club where chain link fences around tennis courts were bent over. One to two inch hail caused some sign damage. Three units of an apartment complex were unroofed, and 48 apartments were evacuated due to rain damage. Five car windows were smashed from debris. A building under construction was displaced 150 feet.										Randolph Center							
												18 Late After Lightning destroyed a large dairy barn with damage estimated at \$20-25,000							
TEXAS WESTERN										Holland									
3 miles northeast of Plainview, Hale County	1	12:01 p.-12:07 p.							Funnel Clouds			18 3PM Golf Ball hail extensively damaged crops causing \$5 - 6,000							
		Two funnel clouds appeared for brief period. They were moving toward the southeast.										North Central Sections							
												28 Early Morning Severe thunderstorms moved eastward across North Central Sections. At 3:30 A.M. a lightning fire at a Ski Lodge in Warren killed two and injured one.							
Northwestern Moore County	1	7:00 p.	?	?	0	0	0	5	Hail	VIRGIN ISLANDS NONE REPORTED									
		Marble sized hail fell in two strips in Moore County. It accumulated to a depth of two inches and did considerable damage to corn and sorghum crops.										VIRGINIA							
												Collinsville							
												1-2 Heavy rains resulted in traffic accidents, some flooding and minor power line damage.							
Ralls-Crosbyton area, Crosby County	2	4:00 p.-5:00 p.	3	3/4 mi	0	0	0	5	Hail	Virginia Beach	12	6-7 p			0	2	5		Windstorm
		Marble sized hail did not cover ground but did considerable damage to cotton and sorghum crop. Storm moved from northeast toward southwest.										Straight-line winds uprooted trees which, in turn, damaged several houses. Three walls of partially completed department store were blown over.							
4 miles south of Anton, Hookley County to 8 miles northwest of Lubbock, Lubbock County	2	5:55 p.-6:18 p.	3	13	0	0	0	0	Tornado										
		Tornado skipped south southeastward across open country and did no damage. It was associated with thunderstorm of moderate intensity.																	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED ¹ DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
WASHINGTON										
Clark, Cowlitz Pierce, Thurston and Lewis Counties	12	Evening through midnight						5		Lightning and wind
										Heavy thunderstorms spread over Western Cascade Foothills and Southern Puget Sound Lowlands. Wind and Lightning damaged transmission lines, substations and utility lines. One of the hardest hit was Tacoma City Light with a reported damage of over \$16,000. One hay barn was destroyed by a lightning fire in Pierce Co. and 51 fires reported in the forests of Southwest Washington. Other lightning-caused fires were reported in Cascades and Rattlesnake Mtn. In Clark Co. replacement costs for the lightning-burned Heye Meyer Substation is expected to cost \$100,000.
WEST VIRGINIA										
Huntington, Cabell County	1	2:00p - 6:00p			0	0	4	0		Heavy rain, Flooding
										Heavy rain in thunderstorms in southeast and east sections of city produced considerable street and basement flooding.
WISCONSIN										
Burnett, Washburn Co.	8	0400			0	0	4	0		Wind
										Severe thunderstorms did scattered wind damage around Grantsburg and Spooner.
Polk County	8	1700	8	150	0	0	5	4		Tornado, Hail
										Tornado moving northeastward touched down about 3 miles east of St. Croix Falls along Highway 8 destroying and damaging 100 camping trailers and snowmobiles, and a large storage shed valued at \$40,000. Trees and cottages also damaged at Deer Lake. Tornado lifted southwest of Balsam Lake. Golf ball size hail damaged crops and roofs in Deer Lake area.
Rusk County	8	1815	6	100	0	0	4	0		Tornado
										Tornado touched down just northeast of Blommer and moved north-eastward to Marsh Miller Lake. Several cottages, cars and campers damaged as trees fell on them. A couple narrowly escaped injury as trees fell on them.
Waukesha, Washington, Milwaukee and Ozaukee Counties	9	1730			0	0	4	4		Wind
										Scattered wind damage in northern portions of Waukesha and Milwaukee and southern Washington and Ozaukee Counties as brief severe thunderstorm moved through area. Winds at Timmerman Field gusted at 80 MPH. Some damage to apple trees in area.
Lincoln County	13	1450			0	0	0	0		Funnels Aloft
										Funnels aloft reported by public near Merrill.
Dodge County	13	1600								Funnel Aloft
										Funnel aloft reported near Brownsville.
Pierce County	16	1700			0	0	0	4		Hail
										Several hundred acres of corn and soybeans were destroyed in Hail-storm west and south of Ellsworth.
Marinette County	16	2000			0	0	4	0		Lightning
										Mobile home burned in lightning fire in Wausaukee Township.
Calumet County	16	2000			0	0	4	0		Lightning
										Lightning fires damaged two in Brillion area. Also several cows lost in pasture due to lightning.
Calumet County	17	0300			0	0	4	0		Lightning
										Lightning kills 27 cows valued at \$13,000 under tree in pasture west of Kiel.
Calumet County	17	0200			0	0	4	0		Hail, Wind
										Hail the size of golf balls killed hundreds of birds around Chilton Metal storage shed picked up by winds and mudslide occurred at Chilton after 2 1/2 inches rain fell between 2 and 5 AM.
Door County	17	0400			0	0	4	0		Lightning
										Eight milking cows killed by lightning on pasture 2 1/2 miles south Egg Harbor.
Door County	17	0500			0	0	3	0		Lightning
										Four cows killed on pasture by lightning at 1 S Peninsula Center.
North Central Counties	17	AM			0	0	4	0		Rain
										Very heavy rains overnight in the 4- to 8-inch range caused localized flooding.
Door County	17	1415			0	0	0	0		Hail
										One-inch hail fell just south of Luxemburg.
WISCONSIN (continued)										
Marinette County	17	Night			0	0	0	4		Hail
										Grain field near Pound destroyed by hail.
Green Lake	18	1430			1	0	5	5		Hail, Wind
										Severe hailstorm makes 5-mile wide damage swath southward from Princeton area. Hundreds of cars dented. Windows broken and roofs damaged; also extensive crop damage and cattle injured. One life lost in automobile accident as car slides on slushy, ice-covered pavement. Also some wind damage with storm in area.
Shawano County	18	PM			0	0	3	3		Wind, Hail
										Some wind and hail damage in Bondue area.
Rock County	18	PM			0	0	3	0		Wind
										Scattered wind damage in County. Concession Building at Newville overturned.
Waukesha County	30	0830	1/2	150	0	0	3	0		Tornado, Hail
										Small tornado dips down briefly and damages home 5N Oconomowoc. 3/4 inch hail and strong winds accompanied storm. Tornado moved northeastward.
Sheboygan County	30	1030			0	0	0	0		Funnel Aloft
										Funnel aloft reported at Sheboygan Falls.
Brown County	30	1130			0	0	3	0		Hail, Wind
										Some hail and wind in Green Bay area breaks a few windows and does other minor damage.
WYOMING										
Gillette, 10 W	2	0247 p.			0	0	0	0		Funnel aloft
Green River	16	0330 p.			0	6	0	0		Lightning
										Lightning struck a crane at a chemical plant just west of Green River. Six men were treated for minor injuries.
Big Horn County	18	0300 p.			0	0	4	0		Winds, lightning
										Thunderstorms associated with high winds and intense lightning produced spotty crop and property damage throughout Big Horn County.
Beulah 21	21	0830 p. - 0930 p.			0	0	4	0		Heavy rain
										A torrential rain caused flash flooding on Sand Creek, washing out some roads and damaging houses. Apparently a pickup truck and a trailer were also washed into a bridge abutment.
Lusk, N.	24	?			0	1	3	0		Winds
										A woman was injured when the trailer she was in was struck by high winds, rolled over and destroyed.
Louis Lake (Premont County)	27	0230 p.	1/2	200	0	0	4	0		Tornado, wind
										A combination of high wind and a tornado uprooted or damaged about 5 acres of trees, damaged one boat dock and a number of camper trailers. There were several reports of a funnel touching the ground.
Douglas	27	?			1	0	2	0		Lightning
										Lightning struck a tree on which a man was leaning against, killing him instantly.
										<ul style="list-style-type: none"> ° 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: <ol style="list-style-type: none"> 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.
										SUBSCRIPTION PRICE: \$2.50 a year; 50¢ additional for foreign mailing; 25¢ single copy. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

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