

August 1974

Volume 16

Number 8

# Storm Data



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>ALABAMA</b>									
Mobile, Mobile County	1	3:50p			0	0	0	0	Hail
Mobile Police Department reported golf ball size hail falling briefly.									
Mobile, Mobile County	7	8:20p							Funnel
Weather Service Office in Mobile reported funnel cloud 3 miles south of airport moving north.									
Florence, Lauderdale County	11	12:15p			0	0	4	0	Wind
High winds accompanying severe thunderstorm activity heavily damaged a mobile home sales lot. Several businesses and autos had windows blown in by wind. Power outages and trees down over a major portion of the county.									
Mobile, Mobile County	17	2:50p							Funnel
Funnel cloud reported by the public over southwest section of Mobile moving southeast.									
Birmingham and Homewood, Jefferson County	22	4:30p							Funnel
Funnel cloud with dipping motion was observed by National Weather Service personnel over Rhewood moving northeastward. Funnel later sighted north of Birmingham Airport where it dissipated.									
Mobile, Mobile County	23	3:15p							Funnel
Funnel cloud was sighted by public over a southern section of Mobile. Funnel remained aloft as it moved northeast.									
Chancellorsville, Geneva County	26	4:45p							Funnel
Public reported a funnel cloud moving northeast.									
Montgomery, Montgomery County	29	7:00p			0	1	4	0	Lightning
Severe lightning storm ignited an auto and a gasoline tank truck unloading fuel. Occupant of the car was treated for slight burns. Nearby, a barn and 5,000 bales of hay were burned after being hit by lightning stroke.									
Sanson, Geneva County	30	12:15p	200	50	0	0	2	2	Tornado
Small tornado observed moving through pecan grove near a home 8 miles south of Sanson. Damage occurred primarily to tin roof of home which was partially blown away and limb damage to trees.									
<b>ALASKA</b>									
NONE REPORTED									
<b>ARIZONA</b>									
Glendale, Maricopa County	1	8:00 p.			0	0	4	0	Thunderstorm, Winds
Winds of 70 m.p.h. did moderate damage to a business complex. Roofs and signs were blown off.									
Buckeye, Maricopa County	5	Afternoon			0	0	4	0	Thunderstorm, Winds
High winds and heavy rain damaged a motel with entire roof blown off. Damage was also done to a number of houses, small buildings, signs, trees and fences.									
Phoenix, Maricopa County	5	Morning			0	0	4	0	Thunderstorm, Flooding
Up to 3.80 inches (unofficial) of rain during the early morning on the northwest side caused considerable flooding of streets and highways with water up to 8 feet deep at one of the underpasses on the Black Canyon Freeway. Early morning traffic was backed up for miles. Water reached into numerous houses and some commercial buildings.									
Tempe and Phoenix, Maricopa County	5	Afternoon			0	0	5	0	Thunderstorm, Flooding
A brief but vicious rain storm in which 2.40 inches fell in 40 minutes caused massive flooding over much of Tempe and southeast Phoenix. Water 8 feet deep accumulated in one underpass. Water entered more than 100 houses and numerous commercial buildings, also with some wind damage.									
Mohave County	6	11:20 a.			0	0	0	0	Tornado
Small tornado, reported by pilot, touched down briefly in open country 80 miles west of Grand Canyon Airport.									
<b>ARIZONA (continued)</b>									
Clifton, Greenlee County	6	Afternoon			0	0	5	0	Thunderstorm, Flooding
Heavy rains of around 2 inches in 3 hours resulted in flash flooding of washes and creeks leading into the City. Hardest hit was Chase Creek. Large stones and rocks, mud and other debris covered a number of streets up to 3 feet deep. Three cars were buried.									
Tucson, Pima County	16	Afternoon			0	0	4	0	Thunderstorm, Lightning
Severe electrical storm knocked out power supplies to much of the south side. A 46,000 volt circuit breaker switch at a generating plant was hit.									
Beardsley and El Mirage, Maricopa County	23	Afternoon			1	3	4	0	Thunderstorm, Wind, Dust
Strong winds of 50 m.p.h. overturned several mobile homes. A 22-month old boy was killed and his mother and sister injured at Beardsley and another woman was injured at El Mirage.									
Maricopa County	24	8:05 p.	1/20	10	0	0	3	0	Tornado
Small tornado, reported by public, touched down near 193rd Avenue and West Earll Drive and destroyed a storage shed. Traveled from west to east.									
<b>ARKANSAS</b>									
Perrytown, Hempstead County	1	5:45 p.			0	0	1	0	Hail
Hail three-quarter inch in diameter fell doing little damage.									
5 Miles East of Rector, Clay County	2	9:20 p.							Funnel Cloud
Public reported funnel cloud moving toward the east.									
3 Miles East of Des Arc, Prairie County	8	12:10 p.							Funnel Cloud
State Police reported funnel cloud moving toward the northeast.									
10 Miles South of Earle, Crittenden County	10	10:28 p.							Funnel Cloud
Public reported funnel cloud moving toward the northeast.									
Near Clarksville, Johnson County	12	9:15 a.			0	0	4		Lightning
Fire caused by lightning destroyed a barn and its contents.									
Cerrogordo, Little River County	13	3:55 p.			0	0	1	0	Hail
Hail one inch in diameter fell doing little damage.									
5 Miles South of Jonesboro, Craighead County	14	12:03 p.							Funnel Cloud
State Police reported funnel cloud moving east-northeast.									
England, Lonoke County	15	7:15 p.							Funnel Cloud
City police reported funnel cloud. Movement unknown.									
Marion and Baxter Counties	17	6:30 p. to 8:30 p.			0	0	3	0	Wind
High winds estimated in excess of 70 MPH blew down numerous trees with some falling on houses and automobiles. The thunderstorms which produced the winds were moving toward the southeast.									
15 Miles South of Harrison, Boone County	17	7:30 p.							Funnel Cloud
Pilot reported funnel cloud moving toward the southeast.									
Marked Tree, Poinsett County	17	9:30 p.			0	0	1	0	Wind
Winds in excess of 65 MPH were reported with little damage noted. Thunderstorms producing the winds were moving toward the southeast.									
Paragould, Greene County	26	About 5:00 p.			0	0	4	0	Winds
High winds generated by a thunderstorm did considerable damage to four mobile homes. Three occupants of one of the mobile homes escaped injury.									
Hempstead, Nevada, Lafayette, Miller, and Columbia Counties	31	Morning			0	0	5	0	Rain
Heavy rains caused flash flooding inundating roads and farm fields. General rains began on the 29th with heaviest amounts falling after 1:00 A.M. on the 31st. Hope, in southern Hempstead County, received the greatest rainfall on the 31st with nearly 16 inches in a 12 hour period ending at noon.									

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					KILLED	INJURED	PROPERTY	CROPS	
CALIFORNIA NORTHERN & CENTRAL			NONE REPORTED						
CALIFORNIA SOUTHERN			NONE REPORTED						
COLORADO									
Provers County	7	3:00-4:30p.			0	0	3	4	Hail
			Damage occurred from southwest of Granada to north of Bristol. Hail 1 1/2 to 1 3/4 inches in diameter was reported.						
Washington County	8	1:25p.	short	?	0	0	0	0	Tornado
			A tornado touched down briefly near Anton.						
Morgan County	8	2:20p.	short	?	0	0	0	0	Tornado
			A tornado, moving ESE, dipped down briefly about 3 mi. south of Wiggins.						
Provers County	8	2:43p.	short	?	0	0	0	0	Tornado
			A skipping tornado was reported 6 mi. south of Holly, moving northeast about 25 mph.						
Mesa County	8	3:00-4:00p.			0	0	0	4	Hail
			Hail damaged crops in the lower and central portions of Grand Valley.						
Baca County	8	aftn			0	0	3	4	Hail
			A devastating hail storm hit 5 mi. east of Springfield, damaging crops in that area.						
East Portion	9	aftn			0	0	4	5	Hail, wind
			Hail up to 3/4 inch diameter fell at Cheyenne Wells about 4:15 p.m. Severe hail and wind hit the Stratton area about 3:30 p.m., causing heavy damage to crops and property.						
Central Portion	9				1	0	0	0	Snow
			A young girl died about 8 mi. northwest of Como as a result of a snow storm.						
Southeast Portion	10-11	8:00p.-12:30a.			0	0	4	5	Hail, wind
			Hail up to 3/4 inch in diameter caused severe damage to crops in Baca, Bent, Otero, and Provers Counties. Heaviest hail damage to crops was between Rocky Ford and La Junta and heaviest property damage from hail was at Springfield.						
Pueblo County	15	2:40-2:50p.	1	100	0	0	0	0	Tornado
			A tornado, moving eastward, touched down about 20 miles NW of Pueblo on the Fort Carson Reservation.						
Logan County	15	7:40p.	2	150	0	0	5	0	Tornado
			A tornado touched down about 6 mi. NE of Sterling, lifting heavy vehicles from a Service Station and causing considerable other damage.						
Northeast Portion	15	eve			0	0	4	3	Hail, funnel aloft
			Hail up to about 2 3/4 inches in diameter fell 5 mi. NW of Sterling and hail about the same size fell at Sterling around 8:45 p.m. A funnel aloft was observed 20 mi. east of Longmont at 7:30 p.m.						
East Portion	28	6:30-8:30p.			0	0	6	4	Hail, rain
			One to 1 1/2 inches of rain in approximately 30 minutes caused flash flooding and about \$1 million property damage at Greeley. Hail up to 1 1/4 inches in diameter fell in the Colorado Springs area and 3/4 inch diameter hail occurred at Greeley.						
CONNECTICUT		SEE END OF TABLE							
DELAWARE									
Bethany Beach	14	Afternoon			1	0			Lightning
			A girl child was killed by lightning as she stood on the beach.						
Neamans Creek	23	Near dawn			1	0			Flash flooding
			Neamans Creek, north of Wilmington, overflowed its banks. 1 death occurred when a car was washed down stream.						
Newark	26	Late afternoon			0	0	4		Flooding
			The Christina River overflowed causing street flooding in downtown Newark as slow-moving thunderstorms moved through the area. Houses in Brookside Park had their first floors flooded and the White Clay River crested at bankful. Unofficial rainfall in Newark was 1.25 inches in 1 hour.						
FLORIDA									
Ponte Vedra, St. Johns County	1	2:00 p			0	6	3	0	WINDSTORM
			Six workmen were injured when winds during a thunderstorm blew down a cement-block wall. The workers were seeking shelter from the storm inside one of approximately 96 condominiums under construction. Several recently-planted palm trees were uprooted during the storm. Damage estimated at \$5,000						
Milton, Santa Rosa County	1	4:50 p	1/10	10	0	0	3	0	TORNADO
			A small tornado touched down briefly during an afternoon thunderstorm causing roof damage to a downtown building. Heavy rain, and lightning was reported. Some damage was reported in Bagdad, 2 miles south of Milton, where a home was partially destroyed when hit by two trees. Other damage included TV antennas and a small shed. It is not known if these damages were caused by the same twister. Total damage estimated at \$7,000						
Fort Myers Beach, Lee County	2	4:30 p	1/10	7	0	0	4	0	TORNADO
			A small tornado touched down briefly during a thunderstorm causing damage in a very small area of a large mobile home park. Apparently most damage was caused when winds whipped a carport roof into six nearby mobile homes. Damage was estimated at \$17,000.						
Fort Walton Beach, Okaloosa County	5	2:00 p			1	3	0	0	LIGHTNING
			Lightning struck an aluminum ladder at a construction project. The man on the ladder was killed, and three nearby workmen were injured.						
North Ft. Myers, Lee County	6	4:45 p	1/10	10	0	0	4	0	TORNADO
			A small tornado occurred during a thunderstorm in an unpopulated area about 3 miles west of north Ft. Myers. A second funnel was observed in the area a few minutes later, but it did not touch ground and pulled rapidly back into the clouds. Apparently the only person affected was a man driving a pickup truck on a rural road in the area. The truck reportedly was picked up by the tornado, spun around, turned upside down and end over end, and deposited upside down on the other side of the canal (about 75 ft away). The man was not injured but the truck was a total loss. Damage estimated at \$1,000						
Eustis, Lake County	6	5:20 p	1/2	500	0	0	5	0	TORNADO
			A tornado was reported during a severe thunderstorm accompanied by heavy rain, 1/2" hail and lightning. Numerous oak trees and others were blown over, some onto houses and automobiles. Other miscellaneous damage included broken windows, damage to powerlines and roofs, damage estimated at \$150,000.						
Ocala, Marion County	6	8:30 p	3/10	20	0	0	4	0	TORNADO
			A small tornado during a severe thunderstorm, accompanied by heavy lightning and walnut-sized hail, damaged two residences and a number of mobile homes. Several large trees were blown over and the tops snapped off of others. One van was demolished and other vehicles damaged by fallen trees. The wind was reported making a high whistling sound as it approached the area. Damage estimated \$30,000.						
Raiford, Union County	9	5:30 p			0	1	0	0	LIGHTNING
			A woman was knocked unconscious by lightning while speaking on the telephone. The lightning bolt apparently came into the house via an underground cable and was called a freak accident.						
Keystone Heights, Clay County	10	unknown			0	1	0	0	LIGHTNING
			Rep. Frank Williams, Starke, was stunned during a night-time political rally when lightning struck a nearby metal pole.						
Cape Coral, Lee County	12	4:30 p-11:30 p			0	0	4	0	LIGHTNING
			Severe electrical storms caused estimated \$40,000 damage to electric company equipment, including 40 transformers lost. (Most of this damage occurred on the 12th in the Cape Coral area; however, some damage from lightning during thunderstorms of the previous two days is included.)						



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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>IOWA (continued)</b>										<b>KANSAS (continued)</b>										
Avoca, Pottawattamie County	13	11:00 a				0	0	3	4	Hailstorm	Sheridan County	16	5:30 p	12	3*	0	0	4	5	Hail
Henry County	13	a.m.				0	0	4	5	Hailstorm										
Worst hail damage of farmers memory in Winfield, Wyman, and Crawfordville area.										Hail to as large as golf balls produced some property and extensive crop damage from near Seldm to Horie.										
Thornton, Cerro Gordo County	14	Night				0	0	4	5	Hailstorm	Central and East	17	afn & even			1	10	7	7	Hail, Wind, Lightning, 7 Funnels aloft
Heavy damage to corn and beans.										General destructive storms caused widespread damage from northwest to southeast along a 50 mile wide band centered in a line from Hanover to Wasego to Osage City to Harter Springs. Scattered severe thunderstorms produced local damage of a less serious nature elsewhere over the central and east. Winds in the 50 mile wide band were generally from 75 to 100 mph and along with local large hail resulted in general and extensive property and crop damage. Several counties along the band received damage of more than 2 million each, with the greatest of more than 10 million in Marshall County. Hail was scattered but locally extensive ranging upwards to diameters of 4 inches with the largest and most general hail in southwest Marshall County. Lightning ignited several structures with one home completely burned about 2 miles north-northeast of falmage. Funnels aloft were reported near Bennington, just south of Kennington, near Salina, near Independence, and in Osage and Franklin Counties. Mobile homes suffered considerable damage in vicinity of high winds and many were overturned or destroyed. Injuries were primarily from flying debris and glass. The one death occurred about 2 miles east of Manhattan from electrocution, an indirect result of the storm.										
Mt. Pleasant, Henry County	16	?				0	0	4	0	Lightning										
Pocahontas County	17					0	0	4	5	Hailstorm	Rush County	17	4:00-5:00 p.	10	50	0	0	4	0	Tornado
Crop damage severe north and east of Ponda.										Tornado moving southeast intermittently touched the ground in central Rush County from about 5 miles north of LaCrosse to 4 miles south of Tinken. Minor property damage.										
O'Brien, Cherokee, Palo Alto, Osceola, Buena Vista, Sac & Ida Counties	18	6:00 p				0	0	5	6	Hailstorm	Franklin, Miami, Johnson	19	6:00-7:30			0	0	?	?	Hail
Hail to 2 inch diameter. Losses reported at or near Sibley, Little Rock, Aurelia, Sioux Rapids, Peterson, Linn Grove, Alta, Holstein and Schaller. Wind damage in O'Brien County (winds 70 mph).										Thunderstorms developed rapidly and moved eastward over the area producing local hail to 1-1/2 inches in diameter.										
O'Brien County	18	6:00 p								Funnel	Sedgwick County	23	10:04 a.	short	20	0	0	0	0	Tornado, Funnel
Seen at Pringhar, Hartley and Paullina.										Funnel aloft sighted 5-7 miles south of Wichita at 10:04 a. CST and dissipated but reformed at 1009 a. CST and touched down briefly near Derby.										
Rock Rapids, Lyon County	20	Evening				0	0	5	5	Windstorm	Russell County	30	5:00 p	6	66	0	0	4	0	Tornado, Funnels aloft
Winds to 70 mph, also heavy rains caused 30% of loss.										Tornado touched the ground about 10 miles southwest of Russell and was intermittently on the ground moving north northeast to about 4 miles south of Russell. Damage was confined primarily to two farmsteads and to buildings and material of an oil drilling company. Several funnels aloft were sighted south of Russell.										
SW of Sanborn, O'Brien County	20	10:00 p								Funnels (2)	Northwest Barton County	30	5:30 p.	short	50	0	0	4	0	Tornado, Funnels aloft
NE of Nashua, Chickasaw County	20	p.m.				0	0	4	0	Lightning	Tornado touched down briefly 2 miles north of Galatia causing heavy damage to a farm home and outbuildings. The storm which spawned the tornado developed over Ellis County and moved southeast through Rush, Southern Russell, and northwest Pawnee, where numerous funnels aloft were reported. The tornado in Russell County above, and northwest Pawnee just below, were also spawned from the same storm complex.									
W of Cambria, Wayne County	21	4:30 p	3			0	0	4	4	Windstorm	Northwest Pawnee County	30	5:45 p.	6	85	0	0	4	4	Tornado, Funnels aloft
4E of Belle Plaine Benton County	21	5:30 p				0	0	4	3	Windstorm	Tornado first touched down 10 miles north and 7 miles west of Lamed, and moved to about 5 miles north and 7 miles west of Lamed in a curved path in which the initial direction was south east, thence south, southwest and finally south. Some crop and minor property damage resulted.									
Monroe, Wapello, Jefferson & Henry Counties	21	6:00 p				0	0	5	5	Windstorm	Agenda	30	5:45 p.			0	0	?	?	Hail
Also heavy rains (30% of loss).										Hail from 1/2 to 2" in diameter fell in the vicinity.										
7N Decorah, Winneshiek County	21	7:00 p				0	0	4	0	Lightning	East Central	31	afn & even			0	0	4	4	Hail Wind
Iowa City, Johnson County	21	7:00 p				0	0	4	0	Lightning	A line of thunderstorms developed from near Leavenworth to Valley Falls to St. Marys to Manhattan to Junction City, and moved south southeast through the east central. Locally these storms produced hail to as large as 1-1/2 inch diameter, heavy rain, and gusty winds to over 50 miles per hour.									
N of Nashua, Chickasaw County	26	11:20 p				0	0	4	0	Lightning	- SPECIAL HAIL SUMMARY - Hail less clearing house reports indicate hail was especially severe on the following dates, and in the following counties: 16 Sheridan 17 Clay, Marshall, Washington									
<b>KANSAS</b>										<b>KENTUCKY</b>										
Labette County	1	p.m.				0	0	4	0	Lightning	NO STORM DATA REPORT RECEIVED FOR THIS STATE									
Lightning struck and killed 22 head of steers one and one-half miles north of Chetopa.																				
Greeley County	8	1:15 p.				0	0	0	0	5 Funnels aloft										
Funnels aloft 5 to 10 miles southwest of Tribune. No damage.																				
Ellis County	8	5-8 p.				0	0	5	5	Flash Flooding										
Heavy rains of 5 to 6 inches and locally more, produced considerable property and crop damage at Catharine and on the north fork of Big Creek.																				
Morton County	11	1:00 a.	10	5*		0	0	0	5	Wind and Hail										
High winds and large hail caused considerable crop damage in southeast Morton County primarily in a north-south band through Wilburton.																				
Nemaha and Brown Counties	14	3:45 p				0	0	4	0	Wind, Funnel Aloft										
Severe thunderstorms moved eastward through Brown County from Eastern Nemaha County, causing local property damage. Funnel aloft sighted 2 miles northeast of Labette with trees and window damage heaviest in the Sabetha vicinity.																				
Franklin and Douglas Counties	14	afn & even.				0	0	4	0	Wind, Funnel Aloft										
Intense thunderstorms over portions of Douglas and Franklin Counties produced strong winds estimated at 70 miles per hour near Lawrence, where a semi-trailer was blown over. Funnel aloft was sighted 5 miles north of Ottawa at 7:25 p.																				
Butler and Cowley Counties	15	1:00-7:00 a.	5	4*		0	0	4	4	Wind and Hail, Rain										
Considerable hail to around an inch diameter with strong winds and local heavy rains occurred primarily in the Winfield vicinity and between Douglas and Saxleyburg south to the county line. Local heavy rains of 2-4 inches caused some crop damage.																				

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<b>LOUISIANA</b>									
Cravens, Vernon Parish	3	5:30p	1/4	25	0	1	4	0	Small Tornado
									Two houses destroyed and two trailers overturned. Small boy received bump on head.
LaCombe, St. Tammany Parish	4	1:50p	1/4	25	0	0	4	0	Small Tornado
									Roofs of house and barn on John Chabreck's place damaged. Portable building 12x20 moved 100 ft. and demolished near I-12 north of LaCombe.
Hammond, Tangipahoa Parish	4	Afternoon			0	3	3	0	Thunderstorm
									Lightning injured three boys in Glynn's Snowball Stand and also knocked out five power line transformers.
Grant-Rapides Parishes	18	4-5p	24	500	0	2	5	?	Tornado
									Tornado skipped across Lake Nantaches-Aloha area felling trees and power lines and blocking Hwy. 71. The storm moved through extreme west side of Alexandria about 4:34 pm. Four mobile homes were destroyed, 12 damaged. Many roofs, cars and trees damaged.
<b>MAINE</b>									
Ft. Fairfield, Aroostook County	1	PM				1			Thunderstorm, Lightning
Caribou, Aroostook County	19	PM					3		Thunderstorm
Southern	24	3:00 pm			2	5	4		Severe thunderstorms
									A line of thunderstorms developed across southern Maine and moved southward off the coast. Severe lightning reported many areas, caused 2 deaths near Rockland. 3/4" hail reported near Wiscasset, golf ball size hail at Skowhegan. Winds caused damage to trees damaging utility lines. Heavy rain and flooding at Pittsfield. Hail and damaging winds reported at Bowdoinham.
Brunswick, Cumberland County	24	4:00 pm							Funnel cloud
Caribou, Presque Isle, Aroostook County	24	Evening					5		Thunderstorm, Lightning
<b>MARYLAND &amp; D.C.</b>									
Leonardtown	2	Late afternoon			0	0			Thunderstorm, wind
									Several business windows were broken by high winds and several cars damaged by falling trees. At nearby Breton Bay boats and the docking facilities were damaged by the storm.
Columbia and Ellicott City	3	Evening			0	0			Severe thunderstorm
									This storm had winds estimated at 60 mph. Several homes and cars were damaged by falling trees and flying debris. 12 utility poles were toppled by lightning and a barn near Jacksonville was set afire by lightning. Marble sized hail was reported at Columbia
Annapolis	8				0	0			Urban flooding
Berlin	9				0	0			Urban flooding
									Streets were under 1 foot of water.
Baltimore County	14	Afternoon			0	0			Severe thunderstorm
									Golfball sized hail was reported near Towson and wind gusts of 30 kts occurred at the Martin Marietta Airport. About a dozen homes were slightly damaged by lightning and electrical lines were downed by falling trees.
Damascus	17				0	0			Lightning
									A barn was set afire and destroyed on Long Corner Road.
Montgomery, Baltimore, Prince Georges and Howard Counties	19	Late afternoon			0	0	4	2	Urban flooding
Girdletree	23	2:00 p	1-1/2	60	0	0	4	2	Tornado
									The tornado began about a mile out of town on Onley Road, moved eastward into town, then went down Taylor Landing Road. 2 mobile homes were picked up and moved off their foundations, lesser sheds destroyed, trees uprooted, and considerable roof, chimney and windows were damaged. Considerable flooding was reported throughout the rest of Worcester County due to heavy afternoon thunderstorms, but no damage was reported.
<b>MARYLAND &amp; D.C. (continued)</b>									
Halfway and Baltimore	26	Afternoon			0	0			Urban flooding
									Violent rainstorms caused street flooding in the south end east sections of Baltimore and across the state, at Halfway, yards and streets were flooded with 2 to 3 feet of water.
Ellicott City	28				0	0	3		Lightning
									10 head of cattle valued at \$5000 were killed by lightning at Folley Quarter Road.
<b>DISTRICT OF COLUMBIA</b>									
	9	Afternoon			0	0			Urban flooding
									Heavy rains occurred during rush hour, causing traffic snarls, numerous accidents and 1 mud slide.
	19	Late afternoon			0	0			Urban flooding
<b>MASSACHUSETTS</b>									
State	28-29				0	0	4	?	Rain, lightning
									Heavy rains during thundershowers ended several weeks dry spell which had begun to affect farmers. Several homes struck by lightning and some power outages but main feature was general rains of 1 1/2 to 3 inches which flooded roadways and cellars.
<b>MICHIGAN</b>									
Lakeview Montcalm Cty	1	12.10a					4		Thunderstorm, winds
									Supermarket partially unroofed. Garage blown off foundation. Many trees, power lines, and signs down. Much minor structural damage.
Lakeview to Edmore Montcalm Cty	1	12.30a							Hail
									9 miles long to 3000 yards in width.
Charlotte Eaton County	1	2.21a					5		Lightning
									2 barns and contents, including 15 calves, destroyed.
Bruce Township Macomb Cty	2	5 p.							Hail
									Crops on 30 acre truck farm destroyed.
Beaver Island, Lake Michigan Cty	4	9.45a							Funnel Cloud
									Reported by ship southwest of island and seen to east from island.
Grand Traverse Bay between Northport & Eastport	4	11 a.							Waterspout
Alpena, Alpena Cty	4	12.50p.							Funnel Cloud
									Sighted east southeast of airport
Houghton Lake Roscommon Cty	6	4.20 p.							Funnel Cloud
Grand Rapids, Kent County	8	6.40 p.					4		Lightning
									Fire started in factory
Off Detroit Beach Lake Erie Cty	10	afternoon					4		Wind, waves
									18-foot cabin cruiser battered against dike and demolished.
1 S Benona Oceana Cty	12	5.30p.							Hail
									Hailstones 1/2 to 3/4 inch for 5 to 10 minutes.
4 SSW Grattan Kent Cty	13	1 A.					4		Lightning
									Struck barn and destroyed contents including 7,000 bales hay, one tractor, and 2 dozen chickens.
Carson City, Montcalm Cty	13	1.30 a.					4		Lightning
									House set afire.
Okemos, Ingham Cty	13	5.10 a.					4		Lightning
									House destroyed
Dundee, Monroe Cty	13	1 p.							Funnel Cloud
									Sighted by the public and indicated by radar.
Ypsilanti Washtenaw Cty	13	1 p.							Funnel Cloud
Temperance & Lambertville, Monroe Cty	13	2.19p.					3		Hail
									Hailstones 1/2 to 1 1/2 inch

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM																																								
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<b>MICHIGAN (continued)</b>											<b>MISSISSIPPI (continued)</b>																																																		
Pentwater, Lake Michigan Cty	16	8:10a.								Waterspout	Columbia, Marion County	8	5:55 PM			0	0	?		Electrical, Heavy Rain																																									
Muskegon, Lake Michigan Cty	16	9:30 a.								Waterspout									Electrical power was disrupted, and over three inches of rain fell within one hour and fifteen minutes.																																										
Ensign, Delta Cty	18	5 p.								Hail	Iuka, Tishomingo County	8	Evening			0	0	4	0	Lightning																																									
SW Mason & N Central Oceana Counties	31	12:20a.						4		Thunderstorm									A house was extensively damaged after lightning supposedly struck the television set.																																										
<p>Many trees down north of Ludington. Two buildings severely damaged, other minor damage, between Ludington and Scottville. Mobile home rolled over and destroyed, 3 miles south of Crystal Valley.</p>											<p>Wind estimated at 44 mph blew over a thirty foot metal Civil Defense communications tower. Golf ball size hail was reported east of Columbia.</p>																																																		
<b>MINNESOTA</b>																																																													
Moorhead, Clay County	1	6:30 a.	30	*5	0	0	4	5		Hail	Laurel, Jones County	16	8:50 PM			0	1	4	0	Lightning																																									
Murray, Cottonwood, Nobles, Jackson Counties	18	2:40 p.	20	*2	0	0	4	6		Hail	Gulfport, Harrison County	16	11:35 PM	?	?	0	0	3	0	Tornado, and Three Funnels																																									
Elysiun area, Le Sueur and Waseca Counties	18	4:30 p.			0	0	0	4		Hail									The Tornado destroyed a mobile office trailer, overturned a truck trailer, and damaged several boats in the harbor.																																										
Greenbush vicinity, Roseau County	20	3:45 p.			0	0	4	0		Lightning	Pascagoula, Jackson County	18	6:20 PM							Funnel Cloud																																									
Glenwood vicinity, Pope County	20	7:30 p.			0	0	4	0		Lightning									A tornado was reported by the public near the Jackson County Airport, but it never touched down.																																										
St. Joseph, Stearns County	20	7:30 p.	4	20	0	0	4	0		Wind	Gulfport, Harrison County	21	1:15 PM			0	0	3	?	Wind, Hail																																									
Menahga 12 NW, Becker County	24	6:00 p.			0	0	4	4		Hail, wind	Gulfport, Harrison County	21	1:40 PM			1	2	0	0	Lightning																																									
Wadena 1N, Wadena County	24	9:00 p.			0	0	4	0		Hail, lightning	Gulfport, Harrison County	21	1:45 PM							Funnel Cloud																																									
Cook, St. Louis County	25	7:05 p.			0	0	4	0		Wind									A funnel cloud was observed between 42nd and 38th Avenues on 12th Street. Trees and power lines were down.																																										
Forbes-Markham-Brinson, St. Louis County	25	8:00 p.	16 <sup>2</sup>	200	0	0	5	0		Tornado	Jackson, Hinds County	30	4:00 PM					5	?	Thunderstorm, Heavy Rains																																									
Proctor, St. Louis County	25	10:00 p.			0	0	4	0		Wind									Residents of 25 homes were evacuated and \$50,000 damage was reported after a roof collapsed from water weight on a car rental agency. An estimated 2.5 inches of rain fell during the rush hour traffic closing eight streets with water high enough on 25-30 streets to drown out automobiles.																																										
<p>Extensive damage to residences and yard furnishings. Wind clocked at 98 mph at Duluth Coast Guard Station.</p>											<b>MISSOURI</b>																																																		
<p><b>FUNNEL CLOUDS REPORTED DURING AUGUST</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>County</th> <th>Date</th> <th>Time</th> <th>Location</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Ramsay</td> <td>1</td> <td>5:39 p.</td> <td>Roseville</td> <td></td> </tr> <tr> <td>Douglas</td> <td>13</td> <td>2:33 p.</td> <td>Brandon 10W</td> <td></td> </tr> <tr> <td>Kittson</td> <td>14</td> <td>7:15 p.</td> <td>Donaldson 4E</td> <td></td> </tr> <tr> <td>Woods</td> <td>19</td> <td>6:45 p.</td> <td>Goodridge 8E</td> <td></td> </tr> <tr> <td>Pine</td> <td>20</td> <td>7:10 p.</td> <td>Near Hinckley</td> <td></td> </tr> <tr> <td>Stearns</td> <td>20</td> <td>9:25 p.</td> <td>Near Holdingford</td> <td></td> </tr> <tr> <td>Wadena</td> <td>24</td> <td>9:35 p.</td> <td>Wadena 1N</td> <td></td> </tr> </tbody> </table>											County	Date	Time	Location	Remarks	Ramsay	1	5:39 p.	Roseville		Douglas	13	2:33 p.	Brandon 10W		Kittson	14	7:15 p.	Donaldson 4E		Woods	19	6:45 p.	Goodridge 8E		Pine	20	7:10 p.	Near Hinckley		Stearns	20	9:25 p.	Near Holdingford		Wadena	24	9:35 p.	Wadena 1N		<p>Elisbury, Lincoln Co. 1 5:30p ? ? 0 0 4 0 Sev. Thunderstorm Wind and lightning combined to knock several trees and limbs down. Many telephones in the area were out of service and one mobile home destroyed.</p>										
County	Date	Time	Location	Remarks																																																									
Ramsay	1	5:39 p.	Roseville																																																										
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Wadena	24	9:35 p.	Wadena 1N																																																										
											<p>Linn and Meta, Osage County 9 Unk 0 0 4 0 Heavy Rain Up to six inches of rain fell in three hours in Osage County ending a drought which had plagued most of the area for 63 days.</p>																																																		
											<p>Buffalo, Dallas Co. 9 5p ? ? 0 0 4 ? Sev. Thunderstorm A welding shop was destroyed. Windows were sucked out and other very localized severe damage.</p>																																																		
											<p>Perryville, Perry Co. 11 p.m. ? ? 0 1 4 0 Sev. Windstorm Windstorm struck north Perry County overturning a mobile home and damaging several planes.</p>																																																		
											<p>Poplar Bluff, Butler County 12 5p 0 0 ? ? Heavy Rain Poplar Bluff reported 2.30 inches of rain within 55 minutes.</p>																																																		

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MISSOURI (continued)</b>									
St. Louis, St. Louis County	13	5p			0	0	0	0	Funnel Aloft
		Numerous public reports of a funnel cloud over downtown St. Louis moving east-northeast.							
Tipton, Moniteau Co.	13	4:50p	?	?	0	0	?	?	Tornadoes
		A tornado was sighted by law enforcement officers a few miles southeast of Tipton. Five minutes later law enforcement officers reported a second tornado just east of Tipton moving east. This was confirmed by the Delta Flight Sight Manager at Whiteman AFB.							
Chillicothe, Livingston County	13	5a			0	0	?	?	Flash Flood & Hailstorm
		More than three and one-half inches of rain fell in one hour, pelting many crops with acorn-sized hail and creating flash flood conditions throughout the area. Lightning also caused damage to power lines.							
California, Moniteau County	16	Unk			0	0	4	0	Electrical
		Six cows and two large calves were struck and killed by lightning on farms owned by Paul Glennin and James Low.							
Washington, Franklin County	16	a.m.			0	0	?	?	Sev. Thunderstorm
		Several large trees were blown over and at least one power line downed.							
Wheaton, Barry Co.	16	9p			0	0	?	?	Hailstorm
		Golfball sized hail reported.							
	17								
		On the evening of August 17, numerous heavy thunderstorms moved out of Kansas into southwest Missouri toppling trees, downing power lines, and causing damages totalling several million dollars. Winds were reported up to 90 miles per hour and a few baseball sized hail stones. Listed below are some of the individual storms.							
Aurora, Lawrence Co.	17	p.m.	?	?	0	0	4	?	Sev. Thunderstorm
		Numerous trees were uprooted and power lines downed. Several local blackouts were reported.							
Republic, Greene Co.	17	5p	?	?	0	0	5	?	Sev. Thunderstorm
		Numerous trees were uprooted and there was considerable damage to buildings. The wind blew flags off poles at the golf course.							
Vandalia (6NE), Ralls County	17	10p	?	?	0	0	?	?	Sev. Thunderstorm
		A barn roof was removed and a large hedge tree splintered and carried 200 feet. A smaller building was destroyed.							
Deepwater, Clinton County	17	Unk	?	?	0	0	?	?	Hailstorm
		Baseball to golfball sized hail peppered the area with minor damage reported in outlying areas.							
Barry, Jasper, Vernon and Webster Counties	17	Unk	?	?	0	0	?	?	Sev. Thunderstorm
		All counties reported some tree and property damage, but nothing of major consequence.							
Stockton Lake, Cedar County	17	5p	?	?	1	1	5	?	Sev. Thunderstorm
		The storm struck a marina destroying it. A youth was trapped in the wreckage and drowned. Another on the dock was injured. Damage to the marina was reported as \$30,000. Winds were estimated to be 90 to 100 miles per hour.							
Pierce City, Lawrence County	17	5p	?	?	2	0	?	?	Sev. Thunderstorm
		Two people were killed when high winds toppled a large tree onto their car.							
Poplar Bluff, Butler County	17	5:30p							Funnel Cloud
		A funnel cloud was sighted over Poplar Bluff moving southeast.							
Potosi, Washington County	17	1:15p			0	0	?	?	Hailstorm
		One-inch sized hail covered the ground.							
Bell City, Stoddard County	17	11p	?	?	0	0	4	0	Sev. Thunderstorm
		High winds and lightning caused considerable damage to houses and farms in the area.							
Table Rock Lake, Stone County	17	6p	?	?	0	2	5	0	Sev. Thunderstorm
		Winds reported up to 90 miles per hour caused more than \$100,000 damage to several boat docks.							
Leeton, Pettis	19	5:30p			0	0	3	0	Electrical
		Lightning resulted in the death of four head of cattle and blinded another at the farm of Jack Gray.							
Cowgill, Caldwell County	20	p.m.			0	0	4	0	Electrical
		Lightning struck two homes damaging one heavily.							
Greentop, Adair Co.	21	p.m.			0	0	4	0	Electrical
		Lightning struck a large barn west of town that had several pieces of farm equipment totally destroyed.							
<b>MISSOURI (continued)</b>									
Liberty, Clay County	21	5:50p	?	?	0	0	?	0	Sev. Thunderstorm
		Damaging winds and three-quarter inch hail hit Hillcrest Trailer Park.							
Chillicothe, Livingston County	22	5:30p							Funnel Clouds
		Two funnel clouds were reported by a pilot one, five miles east of town and the other fifteen miles south of town.							
Appleton, Perry County	28	p.m.			0	0	5	0	Flash flood
Burfordville, Cape Girardeau Co.		Heavy rains ranging from 2 1/2 to more than 11 inches fell within 24 hours causing flooding in north Cape Girardeau County and southern Perry County. Crests on the Whitewater Creek and Apple Creek reached record highs by the morning of the 29th.							
Central Missouri	31	3p-8p	?	?	0	0	5	0	Sev. Thunderstorms
		A strong squall line moved southeastward through central and east central Missouri with scattered hail. Heavy wind uprooted trees and capsized boats. Some structural damage was reported through portions of Camden, Miller, Maries, Gasconade, Crawford and Washington Counties.							
<b>MONTANA</b>									
Silver Bow County	8/1				0	0	3	0	Flash Flood
		Bridge washed out							
Fergus, Judith Basin, Petroleum, Garfield, Counties	8/13				0	0	5	5	Hailstorm
		Extensive damage to crops and window and roof damage to buildings.							
<b>NEBRASKA</b>									
Lincoln County	5	Early Morning			0	1	2	0	Lightning
		Lightning damaged several homes and stores in Sutherland area.							
Red Willow County	5	7:58 a.m.			0	0	2	0	Lightning
		Lightning struck a tree breaking a window. Lightning also struck a home causing a fire in a TV set.							
Chase County	7	6:15 a.m.			0	0	0	2	Lightning
		Lightning ignited grasslands. Fire burned 37 acres of grasslands.							
Chase County	7	Night			0	0	1	0	Lightning
		Lightning struck bathroom vent pipe charring floor in home northwest of Imperial.							
Buffalo County	7	5 p.m.			0	0	3	3	High Winds
		Wind and hail damaged roofs on hog sheds and corn cribs, breaking windows and damaging corn and trees over a half mile area.							
Cuming County	9	4:20 a.m.			0	0	3	0	Lightning
		Lightning struck a home causing a small wall fire.							
Douglas County	10	7:00-7:35 am			0	0	5	0	High Winds
		A thunderstorm with winds of 50 to 60 m.p.h. and locally heavy rains knocked down trees damaging twelve cars, blew out several plate glass windows, knocked down power lines and damaged numerous roofs, signs and traffic signals.							
Pierce County	13	8:00 a.m.			0	0	1	0	Lightning
		Lightning struck hay bales destroying a few.							
Washington County	13	10:50 a.m.			0	0	4	0	Lightning
		Lightning knocked out the Fort Calhoun Nuclear plant and a 345,000 volt transmission line.							
Dundy County	14	Night			0	0	3	0	Lightning
		Lightning struck several homes around Benkelman damaging roofs, televisions, motors, wiring and causing some fire damage.							



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<b>NEBRASKA (continued)</b>													
Douglas, Sarpy, Cass, Otoe, Nemaha, and Richardson Counties	14	2:45 to 4 p.m.			0	1	4	0					High Winds
													High winds and small hail (1/8 to 1/2 inch) did minor damage to homes, trees, outbuildings, cars and one airplane which crashed in southern Pawnee County. Pilot was treated for minor injuries. Winds gusted to 50 m.p.h. at Eppeley Airfield.
Kimball, Dawes, Box Butte and Morrill Counties	15	6:00 p.m.			0	0	4	3					Hail
													Hail 2 to 3 inches in diameter fell over portions of Kimball, Dawes, Box Butte and Morrill Counties damaging crops, a few cars, breaking windows in homes and damaging roofs, trees and some business buildings.
Colfax County	15	5:40 a.m.			0	0	3	2					Lightning
													Lightning damaged two homes, destroyed an air-conditioner and two televisions, causing a fire in one home in Clarkson. Lightning also ignited a haystack which burned.
Custer County	15	Night			0	0	0	3					Hail
													Hail caused extensive damage to crops on three farms west and north of Merina.
Douglas and Sarpy Counties	16	7:00 a.m.			0	0	3	0					High Winds
													Winds gusting to 45 m.p.h. damaged trees and power lines.
Garfield County	16	Night			0	0	0	4					Hail
													Hail up to 1 1/2 inches in diameter did extensive damage to corn crops just west of Burwell. Twelve farms were hit.
Seward County	16	4:00 a.m.			0	0	3	0					Lightning
													Lightning struck a home in Seward starting a fire which extensively damaged it.
Sarpy County	17	10:35 a.m.			0	0	4	0					Lightning
													Lightning struck Halston home causing a fire.
Harlan County	17	Afternoon			0	0	3	3					High Winds and Hail
													A rigid frame steel building was destroyed by high winds north of Alma. Hail also caused considerable damage to crops north of Republican City.
Boyd County	17	Morning			0	0	4	0					Lightning
													Fire caused by lightning destroyed a barn and all contents.
Jefferson, Greeley, Buffalo, Seward, Madison, Polk, Hamilton, Thayer, York, Hall, Platte, and Nance Counties	17	Morning and Afternoon			0	1	6	7					Hail and High Winds
													Severe thunderstorms accompanied by hail up to golf ball size (1.5 in) and winds gusting to 70 to 80 m.p.h. severely damaged crops, buildings, trees, power lines and autos over portions of listed counties. A woman near Albia was stunned by being hit on the head by hail.
Saline County	17	Afternoon			0	0	0	0					Funnel Cloud
													A funnel cloud was observed near Tobias.
Fillmore County	17	Afternoon			0	0	0	0					Funnel Cloud
													A funnel cloud was observed near Geneva.
Merrick County	17	10:15 a.m.	5	Narrow	1	0	5	4					Tornado
													A tornado was reported on the ground briefly 5 miles northeast of Palmer. One fatality from a heart attack while moving family to shelter. Many power lines, tree limbs, cars and dwellings and businesses were damaged. Hail and winds accompanied the storm, and did severe crop damage.
<b>NEBRASKA (continued)</b>													
Howard County	17	10:00 a.m.	3	Narrow	0	2	5	4					Tornado
													A tornado was reported 6 to 7 miles north of St. Paul. Two people were injured when a house was destroyed. There was much power line, tree, car, dwelling and business damage. Hail accompanying storm did severe crop damage.
Clay County	17	11:15 a.m.			0	0	0	0					Tornado
													A tornado was reported to have touched down 5 miles west of Clay Center. No known damage.
Logan County	19	9:00 p.m.			0	0	0	3					Lightning
													About 25 to 30 acres of grassland burned after being ignited by lightning. Two fires were started about 1 1/2 miles apart.
Cherry County	19	3:20 p.m.			0	0	4	0					Tornado
													Two tornadoes were reported 5 miles northeast of Wood Lake moving northeast. Tore up irrigation system.
Dixon County	20	Night			0	0	5	0					High Winds
													High winds severely damaged a concrete block building.
Cuming County	22	Morning			0	0	3	0					Lightning
													Lightning struck a home in Westpoint damaging the roof and burning out the wiring.
Dawes County	22	Evening			0	0	0	3					High Winds
													One-half inch hail, high winds of up to 72 m.p.h. and rain damaged trees, power lines and crops.
Colfax County	22	5:15 a.m.			0	0	3	0					Lightning
													Lightning struck a church 5 1/2 miles southwest of Leigh igniting the roof and damaging the bell tower and interior.
Otoe County	22	10:00 to 10:30 a.m.			0	0	3	0					Lightning
													Lightning damaged an exterior wall in Talmage.
Custer County	26	9:30 p.m.	4	Narrow	0	5	5	4					Tornado and Hail
													A tornado touched down east of Broken Bow destroying 3 mobile homes and damaging six others. Five people were injured, no one seriously. The tornado also destroyed a farm home and several outbuildings, 1 1/2 inch size hail and three inch rains were common in the area.
Johnson County	30	6:42 p.m.			0	0	5	4					Tornado
													A tornado 2 miles north of Tecumseh moved southwest to northeast. Winds outside the tornado area were estimated in excess of 70 m.p.h. Three inch rainfalls in the area were numerous. Hail over 1/2 inch in diameter destroyed crops over a 4 mile length. The tornado hit the airport destroying a hangar and two planes. Tree, power line, and crop damage was severe. Several mobile homes and permanent dwellings as well as numerous outbuildings were damaged. Cars were pitted by hail and some windows broken.
<b>NEVADA</b>													
Silver Springs	5	1730 PDT						4					Thunderstorm
													Heavy rain from thunderstorm caused flash flooding and mud slides closing highways and cutting power service. Parts of Silver Springs were without power for 18 hours.

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<b>NEW HAMPSHIRE</b>									
West Stewartstown, Coos County	27	6:00 pm	1/32	6	0	0	3	0	Tornado
		Apparent touchdown near ground.		Resident described funnel.		Trees broken off			
<b>NEW JERSEY</b>		SEE END OF TABLE							
<b>NEW MEXICO</b>									
East of Portales, Roosevelt County	8	Afternoon					0	6	Hail, Rain
		Estimated 3 1/2 to 4 1/2 inches of rain and hail in less than an hour leveled cotton and maize crops.							
Clayton Lake, Union County	10	9:00 p.			1	0	0	0	Lightning
		Camper struck and killed by lightning during thunderstorm.							
Midway, 10 miles south of Roswell, Chavez County	11	2:00 p.	UNK	UNK	0	0	4	0	Tornado, Rain
		Small tornado demolished large mobile home and several other buildings. Apparent short track on ground. 2.32" rain at Roswell Industrial Air Center							
Les County	11	Afternoon Evening			0	0	3	?	Severe Thunderstorms, Wind, Rain
		Complex of severe thunderstorms with strong winds damaged or demolished several structures. Spotty, heavy rain up to 2 1/2 inches reported.							
Ruidoso, Lincoln County	14	2:00 p.			0	0	3	?	Wind
		Strong, gusty winds, apparently from thundercloud (no rain) caused extensive roof, window, and fence damage to large motel.							
14 miles north of Hobbs, Lea County	25	1:20 p.			0	0	0	0	Funnel Aloft
		Pilot reported funnel cloud.							
Clovis, Curry County	27	10:15 a.			0	0	3	?	Thunderstorm, Rain, Funnel Cloud, Flooding
		More than 2 inches of rain from thunderstorm caused minor urban flooding and property and crop damage. Funnel cloud, well confirmed, did not touch ground.							
Eastern Plains									Drought
		Copious August rains in southeast relieved rangeland conditions but damaged cultivated and irrigated crops. Rain in northeast still deficient, and the area remained in "severe drought" category.							
<b>NEW YORK COASTAL</b>		SEE END OF TABLE							
<b>NEW YORK CENTRAL</b>		NO STORM DATA REPORT RECEIVED FOR THIS AREA							
<b>NEW YORK WESTERN</b>									
Monroe County, Eastern part	2	7-8 PM			0	0	unk	unk	Thunderstorm
		Thunderstorm with hail, lightning, and high winds caused damages. Power lines were damaged, a house was damaged by lightning, and winds blew down part of a barn and a few trees or tree limbs.							
Monroe County near Rochester	3	6-7 PM			0	0	unk	unk	Thunderstorm
		Thunderstorm felled a few trees and powerlines. Rain caused some street and basement flooding.							
Monroe County Rochester area	3	11A-1P			0	0	unk	unk	Thunderstorm
		Thunderstorm with heavy rain caused flooded basements, soggy streets, clogged sewers and downed power lines.							
Cattaraugus County Salamanca area	13	6 PM			0	2	unk	unk	Thunderstorm
		Lightning injured slightly a mother and young child in Allegany State Park during a thunderstorm accompanied with 3/4-inch hail. Damages minor.							
Ontario County Geneva area	19	4-5 PM			0	0	unk	unk	Thunderstorm
		Thunderstorm with heavy rain and winds caused flooding of streets and basements and downed a few trees and power lines.							
<b>NEW YORK (continued)</b>									
<b>WESTERN</b>									
Cattaraugus County Salamanca	27	2-3 PM			0	0	unk	unk	Thunderstorm
		Thunderstorm with lightning, heavy rain, and winds downed some trees and power lines, and caused street flooding.							
<b>NORTH CAROLINA</b>									
Orange County	1	5:00 p						5	Hail storm
		A two square miles of tobacco destroyed in the Northwest part of the county near Carr.							
Fort Bragg	2	Noon						4	Tornado
		Tornado touched down in Fort Bragg briefly doing about \$20,000 damage.							
Moore County	2	Evening						4	Thunderstorms
		Strong winds damaged mobile home near Eagle Springs.							
Lincoln County	3	5:30 p						3	Tornado
		Tornado skipped along 4 miles north of Lincolnton. Minor damage except for 1 mobile home.							
Person and Granville Counties	19	5:00 a						6	Hail and Windstorm
		Wind and hail damaged near 1 million dollars of crops (mostly tobacco).							
Hoke County	19	late aftn						4	Hail and Windstorm
		Cotton and tobacco crops damaged about \$15,000.							
Guilford County	23	6:30 p					1		Lightning
		A nine year old Brown Summit girl killed by lightning.							
Wake County	26	4:00 p					1		Lightning
		High School boy killed by lightning while on way in from practice.							
Sanford	28	5:00 p					1		Lightning
		Sanford woman hit in backyard and died in hospital.							
Madison County	28	4:30 p						4	Hail storm
		Five acres in the Marshall - Hot Springs area hit by hail damaging \$11,000 crops.							
Troy	28	6:00 p						4	Wind storm
		Strong winds damaged property in and around Troy.							
Person County	28	7:30 p					1		Lightning
		Young Hurdle Mills man hospitalized after being hit by lightning.							
<b>NORTH DAKOTA</b>									
Trall and Cass Counties	1	Evening			0	0	3	6	Hail
		Several thousands of acres of crops were either damaged or destroyed when hail storms cut long swaths through Cass and Trall Counties. One swath in Cass County measured 1-1/2 miles wide and 24 miles long.							
Stutsman and Barnes Counties	14	Evening			0	0	5	5	Tornadoes, Hail
		Apparently a family of two or more tornadoes struck northeast Stutsman and northwest Barnes Counties around suppertime. The first tornado damaged and destroyed farm buildings in a line about 12 miles long from four miles south of Courtenay north-eastward to six miles northeast of Wimbledon. The second tornado also moved northeastward and it destroyed a barn two miles east of Dazey. Considerable hail and lesser wind damages were reported between these two tornadoes and in the surrounding area.							
Vicinity Lehr	19	Evening			0	1	2	0	Lightning
		Lightning struck and injured a woman while she was talking on the telephone in her rural home.							

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH DAKOTA (continued)</b>									
Emmons, Logan, LaMoure and McIntosh Counties	19	Evening			0	5	6	6	Tornadoes, Hail
Severe thunderstorms spawned at least six tornadoes in the four county area. The first tornado destroyed farm buildings about 4-1/2 miles southwest of Braddock and then moved north. The second tornado struck a trailer home 5 miles north of Napoleon injuring a mother and her two year old daughter. That tornado also moved north and it downed electric poles for another half mile. The third tornado (or tornadoes) occurred in the Lehr area. Farm buildings exploded and the debris was carried 1/2 mile. A boy was hospitalized after being hit by debris. Another farmer and his son were badly hurt when the tornado rolled their pickup truck over several times. Another farm family went to their basement three times. The first time they felt pressure in their ears and they went up to see their buildings gone, but then funnel clouds forced them down two more times. The fourth tornado occurred in the Kuhl area. Farm buildings on the edge of town were damaged and the town was littered with uprooted trees and branches. A witness saw a funnel cloud hanging over the town. The fifth tornado hit two miles north of Fredonia. A farmer saw threatening skies and he went to his basement. He heard a sound like a fire siren and he went up to see his buildings gone. The sixth tornado struck just west of Edgely. That twister destroyed farm buildings and killed 2 prize arabian stallions. In addition to the 6 tornadoes, other wind damage was widespread over the four county area. Hail stones as large as a fist caused considerable crop damage.									
7N Foxholm	20	8:30 a			0	0	1	4	Hail
Hail stones up to two inch in diameter fell for about 3 minutes.									
SSE Valley City	25	4:00 a	?	?	0	0	4	0	Tornado
An apparent small twister destroyed a hay shed and damaged farm equipment.									
Vicinity Zeeland	25	4:00 a			0	0	3	0	Lightning
Lightning struck a barn and set it afire.									
Fargo	25	Early am			0	0	4	3	Thunderstorms
Severe thunderstorms with wind gusts to 61 mph caused damage to new buildings under construction.									
<b>OHIO</b>									
Medway, Clark County	3	4:45 pm	**17	8	0	0	4	0	Tornado
A tornado, 25 feet wide and 50 feet long damaged several mobile homes in the Medway area. Trees and power lines were reported downed.									
Northern	7,8	Early morning & Midnight			0	0	4	0	Severe thunderstorm
Severe thunderstorms and winds up to 69 miles per hour toppled several trees and power lines in Northern Ohio. A golf cart storage shed in Crawford county and a nearby practice green was damaged by wind.									
Montgomery County	8	6:00 pm	**50	10	0	0	0	0	Tornado
A very small tornado, 10 yards wide and 50 yards long, occurred in Montgomery County. There were no injuries, deaths or damages reported.									
Wayne County	9	3:30 am			0	0	4	0	Wind & electrical
Four trailers and two tents were damaged at Mohican State Park by falling limbs.									
Wood County	11	Afternoon			0	0	4	0	Lightning
An oil tank in southern Wood County caught on fire after being struck by lightning, destroying an estimated 25,000 gallons of crude oil.									
Huron and Shelby Counties	12	evening			0	0	4	0	Lightning
Lightning struck a home in Huron county and also a company shop in Shelby county.									
<b>OHIO (continued)</b>									
Northern	13	3:30 pm			0	4	5	4	Severe thunderstorm and funnel cloud
A windstorm accompanied by a thunderstorm, whipped across the northern part of the state, uprooting trees, taking roofs off buildings, overturning camping trailers, flooding basements and causing several automobile accidents. One man was injured who was a passenger in a car that was struck by an uprooted tree, one boy was injured when a tree fell on the porch where he was sitting, and two girls were injured when lightning struck a tree they were standing under. Hydr Tube Corporation, Oberlin, sustained an estimated \$50,000 damage when about one quarter of its roof collapsed under the weight of collected water. Lightning caused a fire which destroyed a barn and killed about 60 sheep when the burning hayloft collapsed. Crop damage exceeded \$30,000 due to high winds and large hailstones. A funnel cloud was reported in Medina County about 4:00 p.m. but it did not touch the ground and apparently caused no damage. Wind gusts up to 60 miles an hour and over an inch of rain was reported.									
Central	13	7:00 pm			0	0	4	0	Thunderstorm
Winds clocked at 43 miles per hour downed numerous tree limbs, caused power outages and wiped out phone services temporarily. Lightning struck the Musser, Inc. building in Shelby county, causing the roof to collapse, and blocks and walls to be blown out.									
Clark and Adams Counties	27	4:00 pm			0	0	4	0	Flooding, wind
Flash flooding occurred in many areas of Adams County. There were many flooded basements and rooms. Damage to farmers' tobacco crops has been quite extensive. Two cars were damaged due to fallen trees. Wind and water collapsed a portion of the roof over the rear of a building.									
Central	27	4:30 pm			0	0	4	0	Thunderstorm
Thunderstorms caused numerous telephone and power disruptions. Three homes sustained slight damage when they were struck by lightning. Wind toppled many trees in the New Concord area and a lightning-caused fire destroyed a barn.									
Northern	27	6:35 pm			0	0	3	0	Thunderstorm
Trees and utility lines were reported down and a house caught fire after being struck by lightning. Golf-ball size hail was reported.									
Southern	30	Morning			0	0	6	0	Flash Flooding
Heavy early morning rainfall forced the Army Corps of Engineers to discharge water from the East Fork Reservoir from a temporary dam, into East Fork Creek, causing extensive flooding to homes along the banks. Citizens affected by the flash flooding estimated damage to exceed \$1 million.									
<b>OKLAHOMA</b>									
Moore, Cleveland County	1	3:40 p.	1	50	0	0	5	0	Tornado
A small tornado touched down near NW 2nd and Santa Fe Streets and moved to the east-southeast. Mostly roof damage was sustained across a small section of Moore with 2 roofs being completely destroyed.									
Norman-Moore Area, Cleveland County	1	3:45 p.	7	*4	0	0	5	0	Wind
Very strong winds associated with a thunderstorm hit the southern portion of Moore and the northern portion of Norman. Considerable damage was done to power lines and power poles and several mobile homes were damaged. Two mobile homes were completely destroyed. Roof damage was done to the Westinghouse plant in the northern portion of Norman. Winds were clocked at the National Severe Storms Laboratory at about 75 m.p.h. and estimated in parts of the area to be near 100 m.p.h. The storm was moving from the west-northwest to the east-southeast.									
Near Garber, Garfield County	9				0	0	4	0	Lightning
Lightning struck and destroyed a barn, 6,000 bales of hay and a truck about 3 miles southeast of Garber.									
Garfield, Noble, Osage and Pawnee Counties	8-9				0	0	5	4	Flash Flooding
Heavy rains up to 10 inches near Garber produced flash flooding across a portion of north-central and northeastern Oklahoma. Heaviest damage was reported in eastern Garfield, Noble, Pawnee and Osage Counties where several roads were washed out and water was reported in some homes and businesses.									
Drumright, Creek County	9	8:15 p.			0	1	0	0	Lightning
A man repairing a telephone line was knocked unconscious by a bolt of lightning but did not sustain any injuries from the strike.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>OKLAHOMA (continued)</b>										<b>PENNSYLVANIA (continued)</b>										
Ardmore, Carter County	12	Afternoon			0	0	4	3	Wind, hail, rain	Georgetown, Lancaster County	17	3 PM			0	0	4	0	Tornado FPP 201	
Strong winds, small hail and heavy rain lashed the Ardmore area causing damage to several buildings due to high water. Wind damage was done to roofs and trees.										The tornado struck a farm, unroofed a barn, destroyed buildings, sucked windows out of the barn and drove a board arrow-like into the house roof.										
Seminole and Hughes Counties	13	5:45 p.			0	0	0	0	Funnel aloft	Lancaster	22	5-8 PM			0	0	4	0	Heavy rain	
A funnel aloft was observed just south of Nowata and moved to just west of Holdenville before dissipating.										Heavy rains caused extensive stream, roadway and building flooding. Sections of some roadways washed away.										
Near Bartlesville, Washington County	17	6:00 p.	1 1/2	75	0	0	3	0	Tornado	Eastern Delaware, Extreme Southwest Philadelphia, and Extreme Southern Montgomery Counties	23	Midnight thru most of day			1	6	7	0	Heavy rain	
A small tornado touched down briefly about 8 miles northeast of Bartlesville destroying a small range shed and uprooting some trees. The tornado moved from northwest to southeast at about 30 m.p.h.										Heavy thunderstorms caused extensive flooding with hundreds of buildings flooded, bridges washed out, roadways washed out and one drowning death. Flood waters washed a tractor trailer into the stream. Characterized as the worst flood in this area in 20 years. Weather related automobile accidents resulted in 6 injuries. The entire stock in an A & P supermarket was lost in the flooding. A number of roofs collapsed or buckled from the weight of the rainwater. Less severe flooding also occurred in other portions of Philadelphia and Montgomery Counties and in Bucks County.										
Enid, Garfield County	22	p.m.			0	2	4	0	Wind	Durant, Bryan County	26	6:30 p.	1	100	0	0	3	0	Tornado	
High wind associated with a thunderstorm demolished a mobile home about 1 mile east of Enid. Two adults inside the home received cuts, bruises and shock.										A tornado touched down briefly just east of Durant and again just north of Durant doing only minor damage. The tornado moved from southeast to northwest.										
Idabel, McCurtain County	31	2:55 p.			1	0	3	0	Lightning, wind	Idabel, McCurtain County	31	2:55 p.			1	0	3	0	Lightning, wind	
Lightning struck and killed a 9-year-old boy while he was playing in his treehouse. Minor damage was done to power lines and trees in the area by wind.										Lightning struck and killed a 9-year-old boy while he was playing in his treehouse. Minor damage was done to power lines and trees in the area by wind.										
<b>OREGON</b>										<b>DELAWARE COUNTY</b>										
NO STORM DATA REPORT RECEIVED FOR THIS STATE.										Thunderstorms with heavy rain caused stream, roadway and building flooding.										
<b>PACIFIC</b>										<b>YORK, YORK COUNTY</b>										
Guam	11-12				0	0	5	0	Tropical Storm Mary	York, York County	26	3-4 PM			0	0	3	0	Heavy rain, electrical	
High seas and waves generated by unusually strong and extensive SW monsoon wind flow into T. S. Mary located over 400 miles NE of Guam sank 740-ft. passenger ship Caribia after it drifted aground at entrance to Apra Harbor. Ship being towed from New York to Taiwan for scrap when the Captain put loose ship 3 mi. from Guam after ship began taking water in high seas. 65-ft. luxury yacht smashed into reef attempting to enter Agaña Boat Basin later drifted to reef at Agaña Bay where it sank in shallow water. Other smaller boats beached after breaking away from moorings.										Thunderstorms caused lightning strikes and flooding. Stream and roadway flooding caused washout damage to residential property.										
Approximately 240 persons evacuated from homes in low-lying seaside areas. Minor damage to public and private buildings and facilities.										Wilkes-Barre, Luzerne County										
<b>PENNSYLVANIA EASTERN</b>										<b>PENNSYLVANIA WESTERN</b>										
Franklin, Lebanon, Dauphin, Cumberland, Northampton, Montgomery Counties	2	2 - 7PM			0	1	4	0	Heavy rain, electrical, wind	Venango, Clarion and Crawford counties	9	Late aftn.			0	0	3	4	Heavy rain, strong wind, hail	
One barn was blown over by winds and numerous lightning strikes reported causing several fires. Lightning also killed 7 cows and injured one person. Heavy rain caused stream, roadway and basement flooding.										Heavy rain, wind and hail did considerable damage to oats, wheat corn and home garden produce. Minor property damage, tree limbs and power lines down.										
Lancaster County	3	4-9 PM			0	0	3	0	Wind	Westmoreland county	9	8 - 8:30 p.m.			0	0	3	0	Electrical storm, heavy wind and rain	
Gusty winds with thunderstorms downed trees and power lines, 850 customers with power outage. Wind gusts of 49 mph reported at Lancaster.										New municipal building in North Huntingdon township damaged extensively.										
Lancaster, Chester Counties	4	4-10 PM			0	8	4	0	Heavy rain, wind	Westmoreland county	12	Evening			0	0	6	3	Electric storm heavy rain	
8 injured in storm related automobile accidents. Rain and wind damage to building power outage to 10,000 customers. Extensive roadway flooding.										Heavy rains caused widespread flooding forcing major plant closings in Jeanette while snafuing traffic and flooding basements in hundreds of homes through the central portion of the county. Manhole covers in Jeanette popped off storm sewers. Roof at Jeanette Glass plant collapsed under heavy rain. Lightning started fire at swimming facility at Oakford Park. Several minor auto accidents were storm-related.										
Jennersville, Chester County	4	3 PM			0	0	4	0	Tornado FPP 111	Lawrence and Beaver counties	13	8 - 9 pm			0	0	5	0	Heavy rain, electric storm	
Downed trees and unroofed mushroom houses.										Trees down, power out for up to 8 - 10 hours. Fire in refrigerator at Ellwood City thought to have been caused by lightning. Landslide in Beaver caused by heavy rain, blocked two railroad tracks and forced two trains to derail. No injuries. Sewers backed up in Beaver Falls, causing some flooding on streets and in basements.										
Chester, Montgomery Counties	9	5-8 PM			0	0	3	0	Wind, electrical											
Wind and lightning downed trees, tree limbs and power lines causing power outages.																				
Carbon, Lehigh, Northampton, Montgomery, Berks, Lancaster Counties	17	9 AM - 9 PM			0	0	6	0	Heavy rain, electrical, wind											
Heavy rains caused extensive stream, roadway and building flooding. 2.92 inches were reported at Allentown and an unofficial 5 inches in Carbon County. Lightning and wind downed trees, tree limbs and power lines and power lines causing power outages.																				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>PENNSYLVANIA (continued)</b>									
WESTERN									
Fayette county	16	8 - 9 pm			0	0	4	0	Electric storm
									Fire started by lightning destroyed a two-story house in Smithfield. Also some power outages from damaged fuses in other parts of county.
Allegheny county	17	Early a.m.			0	1	3	0	Electric storm
									Several minor traffic accidents, trees and power lines down.
Crawford county	27	Noon			0	0	3	0	High wind, rain, hail
									Minor structural damage in Conneautville. Some tree limbs, power and phone lines down.
Butler, Venango and Lawrence counties	27	3:30 pm-Midnt.			0	0	4	0	Electric storm
									Minor damage, power outage, trees uprooted, wires down. Two barns damaged -- one by wind, the other by fire -- in Connoquenessing township, 10,000 bales of hay and 68 cows destroyed. Three substations out in New Castle; twelve transformers and several main lines out. Streets ripped up by high water.
Westmoreland and Fayette counties	27	Evening			0	1	5	0	Electric storm, wind, lightning, heavy rain.
									Lightning and falling trees caused power outages. Four-alarm fire in Hixid township. One fireman injured. Fire in Buckskin township struck by lightning and damaged by subsequent fire.
<b>PUERTO RICO</b>									
Eastern Portion	29-30	12:00 p., 29th - 12:00 p., 30th			1	0	*5	0	Heavy Rains, Winds
									The passage of a tropical depression (which later intensified into Hurricane Carmen) south of Puerto Rico caused heavy rains and strong winds over most of the eastern half of the island. Moderate to heavy showers began over the eastern portions about noon on the 29th as the disturbance approached. The most intense rains associated with strong thunderstorms and gusty winds occurred during the early morning hours of the 30th. The highest 24-hour total rainfall reported during the period was 5.35 inches measured at 8:00 a.m. on the 30th at Dorado. No river flooding occurred since these rains followed many months of severe to extreme drought conditions with high soil moisture deficiencies over the entire area. However, there was considerable street and highway flooding with minor landslides reported in the interior. Some agricultural damages were reported mainly from flooding of sugar cane fields in the eastern portions. A clubhouse and 19 homes were damaged in Barrio Saco and Colonia Santa Maria near Ceiba on the eastern coast. Civil Defense evacuated 55 families from the Villa Justicia squatter community in Carolina and heavy street flooding was reported in nearby Barrio San Isidro, Canovanas. In the San Juan metropolitan area heavy street flooding occurred in Ocean Park, and Bechara Industrial Park. Falling trees in other parts of the island brought down a number of power lines and on the south coast near Ponce one man was killed by a fallen power line.
Rio Piedras	30	2:00 a.	2	35-70	0	0	5	0	Tornado
									A local tornadic wind storm was reported in Alturas de Borinquen Gardens Urbanization in Barrio Calmito Abajo, Rio Piedras and moved near highway number 1. It lifted one car and overturned it, destroyed two homes and tore the roofs off several others in addition to downing a number of concrete and wooden utility poles. A second area of damage was near the intersection of Calmito Road and Highway number 1 where a warehouse was damaged and several wooden houses destroyed. It appeared that the movement was over about a two mile stretch running east-west with a path varying from 100 to 200 feet in width.
<b>RHODE ISLAND</b>									
State	30				0	0	3	?	Rain
									Heavy rains associated with slow moving squall line dropped 1 1/2 to 2 1/2 inches rain over many areas of state. Numerous cars stalled in flooded roadways. Apartment building in Cranston evacuated due to flooding.
<b>SOUTH CAROLINA</b>									
Northeast S.C.	4	P.M.	-	-	0	0	0	3	Rain, Lighting
									Rainfall of 3 to 5 inches caused considerable flooding near Florence.
Aiken, S.C.	7	PM	-	-	0	0	3	3	Wind, Lighting
									Heavy rain and gusty thunderstorm winds caused minor damage and some local flooding at Aiken. As well as few scattered localities in Northern South Carolina.
Central S.C.	13	2-4PM	-	-	0	0	4	3	Wind, Lighting
									Thunderstorm caused some wind and local flood damage from Columbia to Camden.
Lexington, Cayce West Columbia	28	3:30PM	-	-	0	0	4	3	Wind, Lighting
									Utilities disrupted by lightning and falling trees
<b>SOUTH DAKOTA</b>									
Pennington County	9	Evening					4	4	Hail, High Winds
									Three-quarter inch hail fell in Rapid City. High winds destroyed some farm buildings south of Hall.
Harding County	10	6 PM,MDT							Funnel Clouds
									Aircraft reported two funnel clouds just north of Ralph.
Todd County	13	8 PM,MDT							Large Hail
									Golf ball sized hail fell at Rosebud during evening thunderstorm activity.
Walworth County	14						4	0	High Winds
									High winds damaged several trailers in a court in Mobjridge.
Hughes County	14	Evening					4		High Winds
									High winds damaged farm buildings northwest of Pierre.
Hand County	17	0400 AM			0	0	0 <sup>2</sup>	0	Hail and Wind
Beadle County	17	4-6 AM			0	0	0 <sup>3</sup>	0	Hail and Wind
Miner County	17	4-6 AM			0	0	0 <sup>3</sup>	0	Hail and Wind
Lake County	17	0500 AM			0	0	0 <sup>3</sup>	0	Hail and Wind
Minnehaha County	17	6-8 AM	Short	Narrow	0	0	0 <sup>4</sup>	0	Hail, Tornado
Lincoln County	17	7-8 AM			0	0	0 <sup>3</sup>	0	Hail and Wind
									Numerous heavy thunderstorms moved across southeast South Dakota early Saturday morning and caused scattered hail damage to crops from Hand County southeast and across Beadle, Miner, Lake, Minnehaha and Lincoln Counties. Hail of 1/2 to 1 inch diameter was reported at Yale, Huron, Carthage, Chester, Colton, Baltic, Hartford, Dell Rapids, Sioux Falls and Newton Hills. Wind gusts to 59 mph were reported at Huron. A tornado was reported near Colton when it uprooted eight highline poles and destroyed tops of trees. A tree limb was driven through an upstairs window of a farm house.
Minnehaha County	20	8-9 PM					0	0	Wind
									A severe thunderstorm moved across western Sioux Falls Tuesday evening blowing over and destroying one mobile home and damaging four others. There was also scattered damage to trees and wind gusts up to 60 mph were reported in the area.
Pennington County	22	Early Aft. 22 Afternoon			0	0	?	?	Rain and Hail Heavy Rain
Fall River County					0	0	?	C?	
									Heavy thunderstorms formed over the southern Black Hills producing heavy rain, scattered hail and some flooding. 1 1/2 diameter hail was reported in the Rapid City area. Heavy rain of up to 5 inches fell in the Celrichs area where homes, fields and pastures received extensive damage from flooding.
Pennington County	23	5:30 PM MDT					0	0	Hail
									Hail 3/4 inch in diameter was reported 15 miles north of Rapid City.
Perkins County	23	?			0	0	0	0	Lightning & Wind
									Thunderstorms moved across Perkins County causing wind damage to swath crops. Lightning destroyed six haystacks near Bison.
<b>TENNESSEE</b>									
Clarksville, Montgomery County	7	1:30 p.					1		Lightning
									A youth was struck while walking along side the road carrying an automobile battery.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TENNESSEE (continued)</b>									
Bell Buckle, Bedford County	18	1:50 a.					4		Lightning
			House struck by lightning and completely destroyed by fire that followed.						
Smithville, DeKalb County	21	P.					5		Wind and hail
			A thunderstorm with high wind and large hail completely destroyed numerous acres of tobacco and corn.						
Athens, McMinn County	28	2:30 p.				3	5		Wind
			A thunderstorm with strong winds caused minor injuries but extensive damage to mobile homes, houses, and a large building under construction.						
<b>TEXAS EASTERN</b>									
Clear Lake Harris County	2	9:10AM							Funnel
			Funnel cloud reported in city. Did not touch ground.						
Nederland Jefferson County	4	1:58PM							Funnel
			Funnel observed 12 miles northwest of city. Did not touch down.						
Palacios Matagorda County	5	11:05AM							Funnel
			Funnel observed east of city. Did not touch ground.						
Mountain Home Kerr County	5	5:30PM							Severe Thunderstorm
			Golf ball size hail reported accompanied by winds estimated 60-70 miles per hour. Minor damage to mobile homes. Several trees uprooted and vegetation stripped from some trees.						
Victoria Victoria County	7	2:25PM							Tornado reported
			Later investigation failed to show any signs of any damage in area that storm was to have occurred therefore this was probably a funnel cloud.						
Sabine Pass Jefferson County	8	10:22AM							Funnel
			Funnel observed over city. Did not touch ground.						
McNahan Caldwell County	8	10:30AM	1/2	100	0	0	0		Tornado
			Occurred in open country. Witnessed by 5 people. No damage observed.						
Nederland Jefferson County	12	10:49AM							Funnel
			Observed 5 miles west of city. Did not touch ground.						
Beaumont Jefferson County	14	5:30PM							Severe Thunderstorm
			Occurred 6 miles west of city. One trailer blown over - no tie-downs.						
Nederland Jefferson County	15	10:20AM							Funnel
			Observed 13 miles southwest of Nederland. Did not touch down.						
Stockdale Wilson County	16	6:30PM							Funnel
			Observed 4 miles north of city. Did not touch ground.						
Port Bolivar Galveston County	18	2:00PM			0	0	3		Tornado
			Eyewitness reported tornado stayed on ground about two minutes, tipping the tops off of two boat sheds and flying debris causing damage to a parked auto.						
Texas City Galveston County	25	11:30PM			0	0	3		Waterspout
			Minor damage to house located on waterfront.						
Alice Jim Wells County	26	9:24AM							Funnel
			Funnel reported by pilot 3 miles southeast of Alice. Did not touch ground.						
Port Neches Jefferson County	27	9:50AM							Funnel
			Numerous funnels reported over the general area of the city. None reported to have touched ground.						
<b>TEXAS (continued) EASTERN</b>									
Houston Harris County	28	11:45AM							Funnel
			Public reported a funnel 20 miles southeast of Houston's Hobby Airport. None touched down.						
Port Neches Jefferson County	28	12:01PM							Funnel
			Several funnels reported by Department of Public Safety in the vicinity of 15 miles northeast of the city. None believed to have touched down.						
Spring Branch Harris County	29	12:05PM	1	70	0	0	5		Tornado
			Damage consisted primarily of deroofed homes, downed trees, overturned boats, and overturned storage sheds.						
Magnolia Bend Montgomery County	29	4:00PM	.01	50	0	0	3		Tornado
			Described as a "baby" tornado. Touched down only briefly. Destroyed one garage and sheared the tops from several pine trees.						
Houston Harris County	29	4:10PM							Funnel
			Funnel observed by public over downtown Houston. Did not touch down.						
Sabine Pass Jefferson County	31	1:21PM							Funnel
			Funnel reported by public. Not touching ground.						
Conroe Montgomery County	31	1:25PM							Funnel
			Observed in south part of town. Did not touch down.						
<b>TEXAS CENTRAL</b>									
Potosi, Taylor County	1	1:40p							Funnel Cloud
			Funnel sighted about 7 miles south of Abilene Airport, moving SE at 10 mph.						
DeSoto, Dallas County	1	5:30p			0	0	3	0	Windstorm
			Thunderstorm winds caused roof and tree damage in the Cedar Park addition of DeSoto.						
Copper Brakes State Park, Hardeman County	11	12:15p							Funnel Cloud
			Park Rangers observed funnel cloud moving ENE.						
W. of Vernon, Wilbarger County	11	12:30p							Funnel Cloud
			Funnel cloud sighted by Vernon Police Department.						
Dallas County	12	8:00p 9:00p			1	0	?	0	Heavy Rain, Wind Hail, Funnel Cloud
			Dallas Civil Defense observed funnel moving SE at 15 mph. Golf-ball size hail damaged several cars and mobile homes at Coppell. Another funnel was reported north of LBJ Freeway in Carrollton. Heavy rain up to 6 inches fell over the area. One teenage girl was drowned in Margolis Creek in the Oak Cliff section of Dallas. Wind shattered a plate-glass window at the County Courthouse. A roof of a furniture store caved in due to water accumulation.						
Dallas County	22	4:00p 5:00p			0	0	5	0	Wind, Lightning
			Thunderstorm winds caused roof damage to several homes in Pleasant Grove. Lightning caused heavy damage to a home in Duncanville while another home was struck in North Dallas.						
Telco, Ellis County	22	Night			0	0	3	0	Windstorm
			Thunderstorm winds destroyed a light weight garage and carport. Unconfirmed damage was reported to a church.						
Tarrant County	26	2:00p 8:30p			0	0	5	0	Heavy Rain, Lightning
			Four to six inches of rain produced urban flooding over portions of the County. A dozen homes were flooded in the Benbrook area. In Forest Hill, two more were flooded. A number of homes in Wedgewood were flooded along with several businesses and a nursing home. About 3:30p, lightning struck four homes in Forest Hills with major damage occurring to only one residence. At 5:50p a vacant house in Bedford received roof damage from a lightning strike.						

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
CENTRAL									
Johnson County	26-27				0	0	?	?	Flooding, Lightning
		Heavy rain, from 3.5 to 6 inches, fell across the County. At Cleburne, storm sewers were unable to handle the rain and water inundated portions of many streets. Water entered some residences and businesses. Lightning struck several power lines.							
Killeen Area Bell County	27-29				1	0	5	0	Heavy Rain, Flood
		Unofficial rainfall totals up to 15 inches were reported. Gray Army Airfield received 9.3 inches from 5PM on the 27th to 5AM on the 29th. Most damage occurred as a result of Nolan Creek flooding. A pickup truck was swept off a low water crossing on Turkey Run Road on the Fort Hood reservation around 4:50AM on the 28th. One of the two occupants was drowned. Over 100 persons were forced from their homes in the Killpen-Harker Heights area. About 50 persons were evacuated from the Villa Conquistador Mobile Home Park at Nolanville. A total of 47 homes, 37 mobile homes and numerous autos were damaged. Total damage was estimated at \$100,000.							
SW Knox City Knox County	27	1:00p	?	?	0	0	3	0	Tornado
		Tornado lifted roof off mobile home near FM 143. Power lines and poles were also knocked down.							
E of Aubrey Denton County	27	3:57p							Funnel Cloud
		Funnel sighted 3/4 miles east of Aubrey.							
Lake Garza - Little Elm, Denton County	27	5:00p							Funnel Cloud
		Funnel sighted over the lake.							
Lufkin Angelina Co.	28	12:33p			0	0	?	0	Lightning
		Lightning produced a fire which caused major damage to one residence.							
2S of Belton Bell County	28	4:00p			0	1	4	0	Windstorm
		Thunderstorm winds destroyed a mobile home west of the Albritton-Ford Co. Three persons were inside, but only one received minor injuries. Additional damage occurred to a second mobile home when the first was blown into it.							
12SW of Abilene Taylor County	29	1:40p							Funnel Cloud
		Funnel sighted 12 miles SW of Abilene.							
<b>TEXAS WESTERN</b>									
Dell City, Hudspeth County	1	10:10P-10:13P	1/4	15	0	0	3	0	Tornado
		Tornado touched down briefly doing minor damage to one house. Roof of house was blown off.							
19 miles north of Dalhart, Dalton County	7	6:45P-6:49P	1/2	20	0	0	3	0	Tornado
		Tornado turned over truck trailer. No other known damage or injuries.							
11 miles west of Dumas Moore County	7	8:05P							Funnel cloud aloft
		Funnel cloud appeared for a short period. No known damage or injuries.							
21 miles north north- west of Amarillo, Potter County	7	8:38P							Funnel cloud aloft
		Funnel cloud appeared briefly before it reeded back into clouds.							
2 miles south of Fritch, Carson County	7	9:20P-9:23P	1/4	15	0	0	0	0	Tornado
		Tornado touched down in open area for a short period of time. No known damage or injuries.							
Big Spring, Howard County	10	5:55P-6:05P	?	?	0	0	3	0	Hail
		Hail to 3/4" in diameter. Some minor damage to trees and other vegetation.							
Post, Garza County	10	6:10P-6:20P	?	?	0	0	3	0	Hail
		Hail to 1 1/4" in diameter fell near Post mostly in open range country. Some minor damage to trees and other vegetation.							
<b>TEXAS (continued)</b>									
WESTERN									
San Angelo, Tom Green County	10	7:10P-7:35P	?	?	0	0	4	0	Wind
		Wind to 61 mph accompanying a thunderstorm caused damage to homes, automobiles, trees and blew out display windows in several businesses.							
Wilderado, Oldham County	11	4:00A-4:05A	?	?	0	0	0	5	Hail and wind
		Hail to 3/4" in diameter and wind to 61 mph accompanying a thunderstorm caused heavy damage to cotton and small grain crops.							
20 miles west of Dell City, Hudspeth County	12	3:20P-3:30P	3	30	0	0	0	0	Tornado
		Tornado touched down in open country. No known damage or injuries.							
18 miles west of Lubbock, Hockley County	14	5:45P							Funnel cloud aloft
		Funnel cloud appeared for a very short period of time before dissipating. No known damage or injuries.							
2 miles east of Clint, El Paso County	20	7:25P-7:37P							Funnel cloud aloft
		Funnel cloud did not touch down. No known damage or injuries.							
3 miles southeast of Clint, El Paso County	20	6:00P-6:30P	3	3 mi	0	5	6	6	Hail and wind
		Hail to 1 1/4" in diameter and strong winds accompanying a thunderstorm damaged five mobile homes, three of which were a total loss, and injured five persons. There was also extensive damage done to cotton, corn and pecans.							
Arnett, Hockley County	21	6:30P-6:33P							Funnel cloud aloft
		Funnel cloud appeared briefly before retreating into clouds. No known damage or injuries.							
5 to 10 miles north of Amarillo, Potter County	21	11:45A-11:55							Funnel cloud aloft
		Several funnel clouds formed and retreated back into the clouds. No known damage or injuries.							
Near Lubbock, Lubbock County	22	7:30P							Funnel cloud aloft
		Numerous small funnel clouds formed and retreated back in the clouds. No known damage or injuries.							
5 east of Barstow, Ward County	26	6:10P							Funnel cloud aloft
		Funnel cloud appeared briefly. No known damage or injuries.							
10 north of Barstow, Ward County	26	6:10P							Funnel cloud aloft
		Funnel cloud appeared briefly. No known damage or injuries.							
5 miles southwest of Slaton, Lubbock County	27	3:50P-3:54P	1	75	0	0	0	0	Tornado
		Tornado touched down in open farm land. No known damage or injuries.							
3 miles northwest of Amherst, Lamb County	27	6:05P-6:10P							Funnel cloud aloft
		Funnel cloud did not touch down. No known damage or injuries.							
4 Miles east of Whitharral, Hockley County	27	8:10P-8:15P							Funnel cloud aloft
		Funnel cloud appeared briefly. No known damage or injuries.							
3 miles northwest of Plainview, Hale County	28	3:05P-3:10P							Funnel cloud aloft
		Funnel cloud appeared for a brief period before retreating into clouds. No known damage or injuries.							
Lubbock, Hockley, Terry Lynn, Garza, and Crosby Counties	29	11:55A-3:00P							Funnel cloud aloft
		Numerous sightings of funnel clouds reported. Funnel clouds lasted for a few minutes before dissipating. No known damage or injuries from any of these funnel clouds.							
Lorraine, Mitchell County	29	4:28P-4:31P							Funnel cloud aloft
		Funnel cloud appeared for about five minutes before dissipating. No known damage or injuries.							

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
UTAH	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
VERMONT	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
VIRGINIA									
Roanoke	2	Mid afternoon			0	0			Thunderstorm, urban flooding
	A brief storm left an unofficial 2-1/2 inches of rain which flooded many streets with 2 feet of water, damaged some businesses, flooded many basements and disrupted electrical service.								
Augusta County	2	Afternoon			0	0			Flash flooding
	An estimated 3-1/2 inches of rain in 2 hours caused Portersfield Run to overflow 3 feet. This in turn sent the South River at Harrison out of its banks. Some roads in the area were washed out and some crops damaged.								
Chatham	3	7:00 p			0	0			Funnel cloud
	The funnel cloud appeared over a wooded area and damaged tree tops 40 feet above the ground.								
Goode	4	Evening			0	0			Thunderstorm, flash flooding
	Thunderstorms did roof and tree damage in the area, heavy rains washed out gravel roads, flooded basements and sent the Little Otter Creek, north of the town, way out of its banks.								
South Hampton Roads	5				0	0			Urban flooding
South Hampton Roads	9	Afternoon			0	0			Urban flooding
Virginia Beach	The area reported 11 inches of rain since July 26 and additional rain couldn't be absorbed. Portsmouth had 2.25 inches, Virginia Beach 3.15, Norfolk 3.18 inches during this storm.								
West Point	9	Afternoon			0	0			Flash flooding
	An estimated 3 inches of rain in about a half hour left the area flooded with up to 4 feet of water.								
Northumberland County	14	Dawn			0	0			Severe thunderstorm
	This early morning storm did considerable damage throughout the county. At Reedville 1 mobile home, 1 barn and a brooder were destroyed and falling trees damaged several homes. A 69 knot wind was said to have been recorded by a Coast Guard boat. On the Yeocomco River 3-1/2 inches of rain was reported and a half dozen boats overturned and sank. At Sandy Point a 34 foot houseboat was rolled over and upright by strong winds.								
Waynesboro	14	Late afternoon			0	0			Lightning, flash flooding
	Lightning hit poles, lines and transformers disrupting service in the area. Heavy rain caused urban flooding and sent Pratts Run and Coyner Springs Branch out of their banks.								
Frederick County	16	Afternoon			0	0			Lightning, flash flooding
	Lightning hit 3 buildings in the area of Front Royal and 2 inches of rain flooded streets over a foot. Winchester reported 1.7 inches in 2 hours and Stephens City 3-3/4 inches. Numerous small streams overflowed their banks, but damage was minor.								
Jamesville	17	5:00 p	1/2	10	0	0			Tornado
	The small tornado caused minor building damage, a church steeple was torn off and a roof on migrant housing damaged.								
Pittsylvania County	26	Dawn			0	0			Flash flooding, wind
	Heavy rain and strong winds hit scattered parts of the county. At Chalk Level 18 acres of tobacco were flattened by wind and rain. An estimated 5 inches of rain fell near Keeling. Birch Creek flooded washing out 2 bridges and numerous roads washed out.								
Cove Point	26	8:00 a			0	0	0	0	Waterspout
Richmond	26	Afternoon			0	0			Hail, wind
	3/4 inch hail fell at Chimborazo Park and about 1/2 mile to the west at the Richmond City Dock numerous trees were damaged.								
Staunton	25 & 26				0	0			Urban flooding
	On two consecutive afternoons the city was hit by heavy thunderstorms that caused flooding.								
Philomont	28	Night			0	0	3	3	Rain, wind
	During the storm a new metal grain bin was ripped off its foundation and flung 50 yards and corn fields flattened.								
VIRGINIA (continued)									
Eastern and Central Virginia	29	Evening			0	0	5		Thunderstorms
	Scattered thunderstorms did considerable damage in the state. In Nottoway County a grove of maple trees was damaged and two cars damaged by falling trees. Near Crewe a cinderblock barn and hay contents were demolished when set on fire by lightning. In Dinwiddie County at Lake Chesdin 2 campers and 2 boats were destroyed by strong winds. At the Halifax County fair grounds concession stands and the grandstand suffered wind damage. At Charlottesville 3/4 inch hail fell. At Trot Valley in Patrick County crops and trees were damaged and at Suffolk part of a large metal building was damaged by strong winds.								
Statewide	The July drought ended as rains fell the last few days of the month and the first week of August.								
VIRGIN ISLANDS	NONE REPORTED								
WASHINGTON	NONE REPORTED								
WEST VIRGINIA	NONE REPORTED								
WISCONSIN	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
WYOMING									
Buffalo 25 E	2	12:40 p.			1	4			Lightning
	Lightning killed one fisherman and injured 4 others in party.								
Bairroll 20 W	9	1:00 p.			0	1			Lightning
	Man injured while standing by truck when it was struck by lightning. Two men in truck uninjured.								
Mountain Home 1 S	9	1:50 p.	?	?	0	0	0	0	Tornado and funnels aloft
	Highway patrol reported tornado touched down briefly in forest. Two funnels aloft formed briefly right after tornado. Two to three inches of small hail fell in the area.								
Laramie 12 W	9	2:15 p.	?	?	0	0	0	0	Tornado
	Tornado touched down briefly on open prairie.								
Casper 20 NW	9	5:43 p.	?	?	0	0	0	0	Tornado
	A small tornado touched down briefly over open prairie.								
Kaycee 25 NW	11	Afternoon	?	?	0	0	0	0	Tornado
	Tornado touched down on top of Big Horn Mountains, wrecked sheepherder's trailer and trees.								
Gillette 40 S	11	4:15 p.			0	0	0	0	Hail
	1-1/4 inch hail fell over open prairie.								
Cheyenne 30 N	28	Evening	?	?	0	0	4	0	Tornado
	Tornado touched down at ranch destroying trailer-house and stack of bailed hay.								
Cheyenne	28	8:33 p.			0	0	4	3	Hail
	Hail up to 1 inch fell over central and south Cheyenne doing damage to cars, gardens, houses and trees.								
CONNECTICUT									
Brooklyn, Windham County	3	2:40 am			1	0	?	0	Lightning
	Lightning struck and killed one youth when running from a tent toward a home. Lightning also did minor damage to one home.								
State	4	3pm-8pm			?	?			Thunderstorms
	Thunderstorms accompanied by very heavy rainfall and strong winds were experienced throughout the state. Damage due to falling trees was widespread throughout the state. Though individual damage was minor, the large number of trees which were downed lead to major utility and traffic problems.								



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INURED	PROPERTY	CROPS	
<b>IDAHO</b> Upper Snake River Plain south to Magic Valley	7	Afternoon	?	?	0	1	2	6	Wind, Hail, Rain, Lightning
									Hail, the size of large peas, combined with rain and high winds caused extensive damage to wheat, alfalfa, and corn crops between Mud Lake and Hamer, Jefferson County. Lightning caused range fire at Dubois Sheep Experiment Farm, Clark County, burning 5800 acres. Trees were blown down and other wind damage reported from Aberdeen and Pocatello and surrounding areas.
									Hail damaged 50% of corn and wheat crop and two-thirds of pinto bean crop on farms near Buhl, Twin Falls County. A Jerome, Jerome County, man was knocked unconscious by a lightning bolt while using the telephone and suffered a ruptured ear drum. A registered quarter horse, grazing in field, was killed by lightning during the storm.
<b>ILLINOIS</b>									
<b>MORGAN county</b>	2	12:52-1:05PM	3	35	0	0	4	0	TORNADO
									Tornado observed as a slight protrusion at the base of a flat cloud, touched down near the intersection of north Church St. & Independence Ave., west central portion of Jacksonville moving east, knocking out a 40,000 volt power line roof damage to two businesses, windows sucked out of a house on north Clay Ave., a large tree was split, and a garage collapsed engulfing two cars in debris. Damage estimated at \$50,000. A Police officer followed the tornado for eight blocks before dissipating in a corn field at 1:05PM. He described it as a black swirling mass supporting debris 200-300 ft. height.
<b>JACKSON, PULTON, WILLIAMSON counties</b>	2	10:30-6:15PM	?	?	0	0	?	?	HAIL, HEAVY RAIN, WIND
									Heavy rain, high winds and hail moved across the two-county area, at 10:30AM 3/4 inch hail fell at Carbondale, Jackson county; at 2PM 6:00PM gusts hit Williamson County Airport (5 mi west of Marion), where lightning disrupted electrical and telephone service for one and a half hours. Herrin, Williamson county reported trees and power lines down, TV antennas twisted, and some streets flooded. 5:00PM small hail and heavy rain at Crab-Orchard Lake, Williamson county (7 mi east of Carbondale). Marion reported 1.3 inches of rain. Canton 1831, Pulton county reported heavy rain 5:05-6:15PM.
<b>MACON, PIATT, MOULTRIE, SHELBY counties</b>	2	Evening	20	10 MI	0	0	0	6	HAIL
									Thunderstorms and hail struck the four-county area with more than four hundred crop damage claims to mainly corn and soybeans estimated at \$2,000,000. Broken windows and damaged siding reported at Dalton City, Moultrie county. Extensive damage from Moweaqua, Shelby county to north of LaPlace, Piatt county in an area 20 miles long and 10 miles wide.
<b>HIGHTOWERY county</b>	10	1:49-1:57PM	2 3/4	30	0	0	3	2	TORNADO
									Tornado observed descending from cloud 2 1/2 mi. south of Litchfield moved northeast approximately 2 3/4 miles. Observers described the funnel as 50-100 feet wide, 500-800 feet long, white to grayish white and debris apparently corn stalks. At 1:49PM touchdown east of US 66 south of Litchfield destroying a brick garage, a chicken house, passed through a cemetery uprooting a tree, and near end of path blew lawn chairs and tree limbs into a house. Speed estimated at 15-20 mph.
<b>WAYNE county</b>	10	1:20PM			0	0	0	0	FUNNEL
									A funnel reported at Cisne by the public.
<b>MADISON county</b>	10	1:25PM	?	?	0	0	0	0	TORNADO
									A tornado reported by the public between Norden and Alhambra, moving northeast at 25 mph. No known damage.
<b>MASON county</b>	10	1:40PM	?	?	0	0	2	0	TORNADO
									A tornado reported by public and state police at Miantic, moving north. Minor damage to garage occurred.
<b>EFFINGHAM county</b>	10	2:20PM	?	?	0	0	1	0	TORNADO, FUNNEL
									A tornado reported Southeast of Effingham at 2:20PM. Several tents for a church picnic were ripped; no injuries reported and a funnel was sighted at 2:20PM.
<b>OGLE county</b>	10	2:29PM	?	?	0	0	0	0	TORNADO
									A funnel observed 3 miles east of Harper occasionally touching down. No known damage.
<b>COLES county</b>	10	3:30-4:30PM	?	?	0	0	4	?	TORNADOES
									At 3:30PM a tornado sighted 5 miles south of Coles County airport (5 miles east of Mattoon) and at 3:55PM another was sighted 5 miles south of Mattoon, both were sighted and reported by Civil Defense, State Police and Public, moving northeast at 20-25 MPH. No known damage. At 3:40PM a tornado caused \$3,000 damage to a farm house in Fairgrange; at 4:30PM tornado touched down, 4 miles north of Charleston, in a corn field, then destroyed four farm buildings. Several pieces of 2x4's, and corrugated metal sheets were deposited in a cornfield and tree limbs were found along the tornado path.
<b>ILLINOIS (continued)</b>									
<b>CHAMPAIGN, MACON county</b>	10	3:30PM-5:40PM	?	?	0	0	3		FUNNELS, TORNADOES
									Reports of funnels from 3:30PM to 5:40PM: 18 sightings, 13 touchdowns was confirmed; 2 touchdowns in the Boling Springs-Macon County Fairgrounds; 1 near Bearsdale northwest of Boling Springs; 1 in Cresthaven, northeast of Boling Springs; 1 near highway 38, east of Maora; 1 near highway 20, west of Oreada; 1 by highway 25, near Oakley; 1 near Dalton City; 1 near Boody; 1 near the 51, south of Walker; 1 near PPG Industries, west of Mt. Zion; 2 near Prairie Hall near intersections of Highways 60 and 37, picking up a tent, the other touchdown near the intersections of Highways 60 and 55. Fire Chief, John Ward of Macon observed tornadoes form 4 or 5 seconds and then quickly dissipated. Damage reported was confined to a cornfield adjacent to Macon county Fairgrounds. At 5:10PM a tornado was reported 2 miles north of Decatur and flattened a corn field next to the Macon County Fairgrounds.
<b>JASPER county</b>	10	3:35PM-4:00PM	?	?	0	0	4	0	TORNADO, FUNNEL
									A tornado touched down in Island Grove, in the Northeast portion of the county, destroying a church. A PM funnel sighted 6 miles southeast of Newton by crop reporter.
<b>SHELBY county</b>	10	4:00PM	1	?	0	0	2	2	TORNADO
									A tornado observed by State Police officer at the northwest edge of Moweaqua, touched down in a corn field with minor damage, a skipping path for one mile and briefly touched down in the West Side Cemetery uprooting tombstones. Two sheds were demolished, minor damage to one home, and two mobile homes next to the cemetery.
<b>DOUGLAS, CHAMPAIGN counties</b>	10	7:00PM-7:10PM	9	30	0	0	3	?	TORNADO
									A funnel cloud observed by the fire chief in Tuscola, Douglas county, about one-half mile west of town. He followed it northward on U.S. Highway 45 and reported the funnel touched down twice as it traveled a total distance of 9 miles to a point 2 miles west of Pesotum by Interstate 57, Champaign county. A State Police officer tracked the tornado when it moved over the south edge of Pesotum, observed that it touched down twice before dissipating. Damage and overturned a truck on U.S. 36, west of Tuscola.
<b>CHAMPAIGN, VERMILION counties</b>	10	7:19PM-8:00PM			0	0	?	?	WIND
									A thunderstorm with high winds damaged trees and approximately two acres of corn 5 1/2 miles east of Ogden, wind damage one-quarter mile long and 50 yards wide. This path took the storm across the county line.
<b>CHAMPAIGN county</b>	11	3:15PM-4:00PM			1	0	4	0	LIGHTNING
									3:15-3:30PM a Cessna 172 crashed during a thunderstorm, in a soybean field, between St. Joseph and Hwywood, killing the pilot and destroying the aircraft valued at \$15,000. At 4:00 PM lightning caused electrical outage of 2-5 hours in the Homer area.
<b>JERSEY, MADISON counties</b>	11	Afternoon	?	?	1	0	2	0	LIGHTNING, FUNNEL, BATHHOUSE
									Lightning struck and killed a boy while hunting in Jersey county. 1:20PM a funnel was sighted and reported by police near the west side of Alton, Madison county and was observed dipping into the Mississippi river, forming a waterspout 150 feet high and damaged a boat dock.
<b>LASALLE, GRUNDY, WILL counties</b>	11	11:45-2:00PM	?	?	0	0	2	?	HAIL, WIND
									Thunderstorms, hail, and high winds moved across the three county area. Shortly after 11:00AM tape damage was reported at Marseilles, LaSalle county. A large tree fell against a house causing damage. Morris, Grundy county, reported one-half inch hail at 1:32PM for a 5 minute period. At 2:00PM one-quarter inch hail was reported near intersection of 55 and 1-20 in Hill county.
<b>MADISON county</b>	12	4:20PM			0	0	0	0	THUNDERSTORM, FUNNEL
									A severe thunderstorm with a funnel was reported by the public in the Granite City area. No known damage.
<b>ROCK ISLAND, BUREAU, MCHENRY counties</b>	12	6:50PM-8:15PM	?	?	0	0	?	?	HAIL, WIND, TORNADO, FUNNEL
									Severe thunderstorms, and high winds moved eastward over the three county area. Reported at LeClaire, Rock Island county, a tornado was observed moving southward. At 7:46PM a funnel was observed 10 miles southeast of Deer Grove, Bureau county. At 8:05PM a 1/2 inch hail size hail reported at Cambridge, Henry county. One-half inch hail on the ground in some spots, and 50 mph gust were reported.
<b>VERMILION, COLES counties</b>	13	12:00PM-3:30PM	?	?	0	0	0	0	TORNADOES, HAIL, TID
									12:00PM one half inch hail reported east of Danville, Vermilion county, no known damage. Hail and 50MPH gusts reported in Coles county; at 2:10PM tornado touch down by public in Oakland, Coles county and moved southeast; at 3:03PM tornado sighted by public southeast of Charleston, Coles county, moving south.

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AUGUST 1974

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					KILLED	INJURED	PROPERTY	CROPS		
<b>ILLINOIS (continued)</b>										
FRANKLIN county	13	Afternoon	?	?	0	0	3	?	LIGHTNING, HEAVY RAIN, HAIL	
West Frankfort area one inch of rain in 15 minutes caused flash flooding of streets. Lightning struck two homes, causing fires and estimated damage of \$700.										
MCHEENY, KANE, COOK, LAKE counties	16	1:30-6:30PM			0	0	0	0	HEAVY RAIN, THUNDERSTORMS, WIND	
Thunderstorms, heavy rain, and strong winds moved across the area. At 1:30PM Antioch, Lake County, reported gusts to 52 mph. At 3PM Civil Defense reported two funnels over Berwyn, Cook county, moving northeast. Between 4:30PM and 4:40PM Tinley Park reported 0.34 inches of rain. Heavy rain was reported throughout the area.										
FORD county	17								HAIL, WINDS, TORNAADO, HEAVY RAIN	
Hail North of Piper City, 2 inch rain fall Southeast of Piper City.										
SHELBY, FAYETTE counties	18	1:15PM-2:30PM	?	?	0	0	4	4	HAIL, WINDS, TORNAADO, HEAVY RAIN	
At 1:15PM a hail storm with high winds hit Herrick, Shelby county, for 25 minutes. One to two inch diameter hail covered the ground for several hours. Windows, roofs, and crops damaged. At 1:30PM high winds downed tree limbs and power lines. Vandalia area, Fayette county, high winds blew down a large tree killing two cows. Seven 3-day-old piglets drowned in a flash flood. Golf ball size hail, damaged corn and soy beans, and in some areas to a depth of 2 inches. 40 insurance claims for crop damage, estimated in thousands of dollars. At 1:50PM tornado reported in the area. Movement and damage unknown.										
LAWRENCE, MONTGOMERY, MADISON, MARION, MACOUIN, EFFINGHAM, WABASH, JEFFERSON, WHITE counties	27-28	7PM-6AM			0	0	3	0	HEAVY RAIN, LIGHTNING, FUNNEL	
Thunderstorms moved across the southern part of the state producing one to three inch rainfalls and local flooding of streets. Rainfall amounts of 1.46 inches in Mt. Carmel, Wabash county; 2.50 inches at Carmi, White county; 3.00 inches in the Alton area, Madison county. Lightning caused several small fires to homes and barns throughout the area, most damage was in Robinson, Crawford county, estimated damage \$2,300. Power outages in localized areas. At 10:10PM a funnel reported but not confirmed at Liverpool, Effingham county.										
WINNEBAGO, LAKE, MCHEENY counties	26-27	11:00PM-6:00AM			0	0	0	0	HEAVY RAIN, WIND	
Thunderstorms, high winds and heavy rain moved across the three county area, McHenry, McHenry county, had gusts to 40 mph; Rockford, Winnebago county, reported 1 1/2 inches of rain and Antioch, Lake County reported one inch of rain during the night.										
<b>NEW JERSEY</b>										
Cranberry Lake, Sussex County	3	6:35PM	1	80	0	1	5	0	Possible Tornado	
A windstorm associated with a thunderstorm or possibly a Tornado damaged the roof, porch or garage of twenty homes as well as damage to three mobile homes and one camper. Trees along the narrow storm path were blown toward the north and northeast with a few felled toward the northwest. Most observers reported a swishing sound and only two a loud roar.										
State	4	3-6PM			2	0	?	0	Severe Thunderstorm	
A line of thunderstorms accompanied by heavy rains and scattered reports of wind gusts to 60 mph moved across the state during the late afternoon. The wind gust caused the swamping of a small boat off Sandy Hook, resulting in two drownings. Heavy, but brief, rains caused considerable urban flooding.										
McKee City, Atlantic County	9				1	0	0	0	Lightning	
One person was killed when struck by lightning while attending a Rock Concert at Atlantic City Race Course.										
Union and Sussex Counties	17	1P-6P			3	0	?	?	Rain	
Several heavy thunderstorms with rainfall of 2 to 4 inches caused urban and small stream flooding. Three deaths occurred in separate incidences when the victims attempted to wade across flooded areas.										
Ocean County	24	1:30P			1	0	0	0	Lightning	
A brief lightning storm killed one person on the beach in Long Beach Township.										
Central Sections	28	6P-8P			1	0	?	?	Rain, Lightning	
Heavy thunderstorms resulted in urban flooding in most central areas of the state. Heaviest rain was 2 inches in Middlesex County. Lightning resulted in one death.										
<b>NEW YORK COASTAL</b>										
New York City	4	5p-8p			0	0	?	0	Thunderstorm	
Thunderstorms moved across the metropolitan area during the evening hours accompanied by wind gusts estimated up to 50 mph and heavy rains. Damage was limited to felled trees and power lines.										
	17	1p-6p			0	0	0	0	Rains	
A hundred year daily record rainfall for the date was broken when 2.82 inches of rain were measured in Central Park. Severe traffic and mass transit disruptions occurred throughout the area, chiefly due to urban flooding and power outages.										

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

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

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