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JOHN T. CONNOR, Secretary
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STORM DATA

AUGUST 1966
Volume 8 No. 8



ASHEVILLE: 1966

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA Pittsview, Russell County	12	5:15 p.m.	short	narrow	0	0	3	0	Tornado
Funnel dipped down briefly and touched ground. Trees uprooted, power lines blown down and minor damage to several houses.									
ALASKA	None reported								
ARIZONA	None reported								
Globe (near)	9	2:30 p.			0	10	4	0	Tornado
Small tornado moved through two trailer courts in Ice House Canyon south of Globe. One person injured seriously, others treated for cuts and bruises.									
Phoenix	10	8:00 p.			2	2	4	0	Wind
Strong winds caused limb of cottonwood tree to fall on automobile. Driver killed instantly, one occupant died later in hospital.									
Tucson (Sabino Canyon)	10	8:00 p.			0	0	4	0	Rain
Heavy runoff from the Catalina Mountains caused considerable damage in the Sabino Canyon recreation area.									
Casa Grande (near)	13	Afternoon			0	0	0	4	Hail
A sudden and localized storm damaged cotton between Casa Grande and Eleven-Mile Corner									
Big Lake	16	Afternoon			2	1	0	0	Lightning
Lightning killed a mother and her daughter who were taking shelter from a storm under a tree. The father seated near the pair was knocked unconscious but recovered.									
Phoenix and environs	18	9:30 p.			0	2	5	0	Rain and wind
Unusually heavy rainfall caused heavy property damage in Glendale, Tempe, Deer Valley and southeastern Phoenix. Strong winds accompanying the storm overturned a house-trailer injuring the occupants.									
Maricopa	29	3:00 p.			0	0	0	4	Hail and wind
About 4,000 acres of cotton and grain were heavily damaged just south of Maricopa. Largest hail reported larger than golf balls.									
Willcox (10 mi.S.)	31	10:15 a.			0	0	0	0	Tornado
Funnel cloud remained in contact with ground about 10 minutes on Willcox Dry Lake.									
Fort Grant	31	12:45 p.			1	1	0	0	Lightning
Lightning killed a 17-year-old youth as he ran for shelter during a thunderstorm. A companion was knocked unconscious.									
ARKANSAS	None reported								
CALIFORNIA	None reported								
COLORADO	None reported								
Fremont and Custer Counties	1	3 - 5 PM			0	0	5	0	Heavy Rain and Hail
Cloudbursts in areas north of the Arkansas River and south into the Wet Mountain Valley caused severe local flooding. At Cotopaxi, the Arkansas River flooded homes and buildings and washed out the town water supply. The main highway was closed by flooding and the railroad was washed out at several places in the area. Roads and bridges were damaged in the Wet Mountain area. Golf ball sized hail caused extensive damage to buildings at Lake De Weese, 5 miles north of Westcliffe. Hail remained in creek bottoms five days after the storm.									
Custer County	2	3 - 5 PM			0	0	4	0	Heavy Rain and Tornado
Heavy rains caused flooding in the Westcliffe area for the second successive day, causing additional damage to roads and bridges. A tornado was observed to touch ground at about 3:15 p.m. just west of Westcliffe; no damage was reported.									
Lamar Area	3	PM			0	0	4	0	Lightning
Seven registered Angus cows were killed by lightning, and 33 others were injured during a violent thunder and lightning storm.									
Conejos County	4	PM			0	0	0	5	Hail
Severe hail damaged lettuce, potato, and barley crops in the Rombo area.									
Canon City Area	4	2:30 PM			0	0	4	0	Heavy Rain
Flash flooding from heavy rains damaged property and highways in sections of Canon City, areas near Florence, and other nearby localities. There was some damage to farm property, hay and grain crops, and livestock.									
Weld, Adams, and Arapahoe Counties	7	PM			0	0	4	5	Hail and Wind
A series of severe thunderstorms moved southward from the northern border of the state through Weld County east of Greeley									
COLORADO (Cont'd.)	to the Prospect Valley area near the southern border, then south-eastward through Adams and Arapahoe Counties, through the north-east corner of Elbert County, then into northern Lincoln County. Severe hail, driven by high winds, damaged or destroyed crops over areas up to six miles wide along the path of the storm and caused scattered property damage. Hailstones as large as golf balls were reported in the Kersey area and in some other localities. Four to five inches of hail were reported 5 miles north of Strasburg and a mile north and east of Byers, and damage extended northward as far as Hoyt. Many automobiles were damaged and snow plows used to remove hail from roads south-east of Hugo. High winds near midnight, with a possible tornado, damaged buildings in Liron.								
Arapahoe County	7	PM			0	0	0	0	Tornado
A funnel cloud was reported to have touched ground 6 to 7 miles N of Strasburg. No damage reported.									
Logan County	8	PM			0	0	2	4	Hail
Hail damaged crops between Sterling and Atwood.									
Washington County	9	2:00 AM			0	0	4	4	Hail
Severe hail broke windows, damaged automobiles and other property in Akron, and caused extensive damage to crops in the northern part of the county.									
Morgan and Weld Counties	9	PM			0	0	4	3	Hail
Hail damaged property in New Raymer and damaged crops in scattered areas of Morgan County and in eastern Weld County. Hailstones two inches in diameter fell in an area two miles west of New Raymer. A funnel cloud was sighted in northeast Weld County.									
Baca County	9	5:00 PM			0	0	0	0	Tornado
A tornado was reported 1 1/2 miles south of Springfield.									
Baca County	9	PM			0	0	0	4	Hail
Hail caused extensive damage to crops, buildings, and livestock in an area 18-20 miles south-southeast of Springfield. Some hailstones were the size of baseballs.									
Elbert County	11	7 PM			0	0	0	0	Tornado
A pilot reported a funnel cloud touched ground 50 miles ESE of Denver.									
Prowers County	12	6 PM			0	0	3	0	Wind
High winds in a severe thunderstorm with a possible small tornado, overturned a trailer-truck on the highway 5 miles east of Lamar.									
Logan, Phillips, and Yuma Counties	19	PM			0	0	4	0	Heavy Rain
Heavy rains caused flash flooding in an area extending from south of Fleming in Logan County and westward into Phillips County and in northern Yuma County. Hail and high winds added to extensive flooding damage to crops and property. There were numerous losses of livestock by drowning. Rainfall was estimated at 6 to 8 inches in some areas.									
Weld County	24	6 PM			0	0	0	4	Hail
A severe hailstorm, with hailstones up to marble size damaged crops in an area extending from Purcell to Hardin, northeast and east of Greeley. The storm moved in a southeasterly direction with varying widths up to 5 or 6 miles.									
CONNECTICUT	None reported								
North Canaan, Norfolk, Litchfield County	11	5:00p-5:45p	3	100-150	0	0	4	0	Tornado
Tornado moved from SW to NE over rough, heavily forested land between Ball Mountain in North Canaan to North Norfolk and thence into Massachusetts. Considerable destructive blowdown and excessive rains also occurred to the E and SE of the tornado's path.									
Manchester, Hartford Co.; New Milford, Litchfield Co.; Hamden, New Haven Co.; Bridgeport and Westport, Fairfield Co.	16-17	11:00p-1:00a			0	0	4	0	Thunderstorms
Series of heavy thunderstorms caused local flooding in Hamden and Manchester and numerous lightning strikes with several small fires in Hamden, Norwalk, New Milford and Bridgeport.									
DELAWARE	None reported								

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

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					KILLED	INJURED	PROPERTY	CROPS	
KANSAS									
Geary, Pottawatomie, Riley and Shawnee Counties	1	afternoon	?	?	0	0	4	0	Hail, wind, lightning, 2 funnels aloft
									One funnel was observed 9 miles northeast of Wamego about 5:00 p. and another was sighted 19 miles west of Topeka at 4:58 p. Hail up to 1-3/4" in diameter fell at Ft. Riley.
Cowley County	1	about 7:00 p.	?	?	0	0	4	0	Wind, lightning
									Strong winds caused damage to power and telephone lines and damaged trees and buildings in the Winfield and Arkansas City areas. Several lightning-caused fires resulted in damage near Winfield.
Central and south-west portions	6	evening	?	?	0	0	5	4	Hail, wind, lightning
									Hail caused damage in Hamilton, Gray, Pawnee, Barton, Russell and Lincoln Counties. Sylvan Grove had hail 1-3/4" in diameter and hail up to 1" in diameter fell at Cimarron. Wind caused damage in Meade and in the Great Bend-Hoisington area, and lightning damage occurred at Ellimwood.
Barton County	6	about 7:25 p.	1/2	200	0	1	4	0	Tornado
									A rope-like funnel touched down at the Lake Barton Golf Club, causing heavy damage to the club house. The tornado was reported to be moving from northeast to southwest.
East-central, south-east portions	9	afternoon, evening	?	?	0	0	5	5	Hail, lightning, wind
									Largest hail was about 2-1/2" in diameter in Linn County. Wind damage occurred in Linn and Elk Counties.
West-central, central, south-central portions	9	afternoon, night	?	?	1	3	3	0	Lightning
									A girl was killed at a camp between Wichita and Augusta about noon. Lightning damage occurred locally in Ness, Saline and McPherson Counties.
Southwest portion	9	evening	?	?	0	0	3	0	Wind, 4 funnels aloft
									Wind damage occurred at Liberal. Two funnels aloft were reported 15 miles north of Higoton about 7:00 p. and others were sighted at Bolla at 6:45 p. and between Sublette and Tice.
Finney, Hamilton Counties	12	evening	?	?	0	0	3	4	Hail, rain
									Heavy rains caused flooding of some streets and basements in Garden City. Hail produced crop damage in portions of Hamilton County.
Linn, Woodson Counties	16	Night of 16-17	?	?	0	0	4	4	Hail, wind, lightning
									A lightning-caused fire destroyed a house near Thrall. Hail and wind damage was centered about 2 miles south of Pleasanton.
Extreme east portion	17	Night of 17-18	?	?	0	0	5	0	Wind, lightning
									Wind and lightning damaged property and communications lines at several locations from Crawford and Neosho Counties northward to Doniphan County.
7 miles northeast of Concordia	20	4:28 - 4:31 p.	under 1 mi.	Narrow	0	0	3	0	Tornado
									A small tornado touched down briefly and caused minor damage.
Central, north-central and northeast portions	20	Night of 20-21	?	?	0	0	4	3	Wind, lightning, rain
									Flash flooding occurred locally in Ottawa County; Ellis, Marion, Rice, Mitchell and Washington Counties had lightning damage. Winds damaged power lines in Ottawa County and several buildings in Marshall County.
KENTUCKY									
Livingston County	9	Afternoon					?	?	Hail
									3/4-inch hail reported 10 miles east of Paducah.
Ohio County	13	5:25-5:32 p.	1 1/2	100-300	0	0	4	0	Tornado
									The storm touched down about 1 1/2 miles northeast of Hartford, and moved from southeast to northeast. 10 farm buildings were damaged or destroyed. Two funnels were seen by several witnesses, one witness stating that, "The two funnels seemed to go together at the approximate point of first destruction. Path seemed to be slightly curved. Funnel seemed to go up and down at my house!"
Montgomery County	14	6:00 a.					?	?	Rain, flooding
									3.77 inches of rain fell in 3 hours, 6 a.m. to 9 a.m., causing some damage in Mt. Sterling. About a foot of water remained on Main Street following the rain, which caused evacuation of several homes and a blockade of a downtown area. Flooding also caused damage in other sections of the county.
LOUISIANA									
Lake Pontchartrain	3	11:55 a.-12:09 p.							Waterspout
									Waterspout observed NE New Orleans International Airport and N of downtown New Orleans.
St. Mary Parish	6	am			0	0	?	0	Heavy rain
									Morgan City: about four inches rain fell between 5 and 6 a. Various sections flooded as pumps unable to keep streets clear; no homes damaged. The 24-hour total of 4.58 inches measured at 7 a. was the greatest one-day August amount since 1945, and the third greatest one-day August amount since 1906. Streets also flooded in Berwick, Bayou Vista, and Patterson.
St. Bernard Parish	7	3:35 p.-4:00 p.							Funnel clouds aloft
									Funnel cloud aloft, lasting about 10 seconds. First seen 3:35 p. SSE of Arabi home; next seen 4 p. NNE of Arabi home.
Lake Pontchartrain	8	9:50 a.							Waterspout
									Pilot reported waterspout 25 ENE New Orleans International Airport.
Bossier Parish	8	About 3:15 p.			0	0	?	0	Wind
									Thundershower with heavy rain and marble size hail 5 NE Benton (latitude 32.8° N, longitude 93.7° W); winds 50 to 60 m.p.h., topped trees, broke limbs, blew off screens and tin top of shed.
St. Mary Parish	10	8:30 a.			0	0	?	0	Wind
									Across Grand Lake from Verdunville at west end of Bayou Boutte, while man tied boat to wharf, sudden gust of wind capsized and damaged boat; man thrown about 20 feet into bayou. His wife, walking on pier toward camp, was struck by metal window louver and knocked down. Smashed and sunk another boat nearby. No injuries, and no damage to camp reported.
Caddo Parish	12	Shortly after 3:00 p.			0	0	?	0	Tornado
									Electrical storm caused damage in scattered sections of Shreveport. In Southern Caddo Parish, a tornado traveling from SW touched down four times: (1) about 10 S Shreveport, near Wallace Lake and Mayo road; damaged one home, and roof of another home in which the furniture had to be covered for protection against rain, some trees blown across highway; (2) near Robing on Ellerbe Road, about 6 S Shreveport city limits; damaged caretaker's home, large pine trees downed and blocked road; (3) a mile-wide section of trees, on both sides of Flournoy-Lucas Road, and in the Southwest Terrace addition, were knocked down, including 1/4 mile power lines, about 5 S city limits; (4) about 3:15 p., man and daughter in carport of their home saw black funnel to SW of South Broadroad. While attempting to get into their home, they were thrown from carport on to lawn but escaped injury, although carport was demolished and garage roof removed; mostly roof damage to some 6 - 8 houses.
Webster Parish	12	Near 3:30 p.			0	0	?	0	Wind
									Funnel clouds not sighted but some light damage reported, (1) Lake Bisteneau, vicinity Reeves Camp (near Doyline), one house and two bathhouses damaged, number large trees toppled; (2) at Sibley, many residents reported sound like tornado; along a narrow path winds blew the tops from two tall pine trees, did some damage to other trees, flattened one small shed and caused the tops of trees to swirl around in all directions. This storm apparently moved N into Minden.
Webster and Claiborne Parishes	12	4:20 p.			0	0	?	0	Wind
									Funnel cloud, not sighted in Minden, but snapped off several large tree limbs. Damage to trees reported between Minden and Homer. Funnel cloud aloft observed 1-1/2 S Homer (latitude 32.3° N, longitude 93.8° W) at 4:20 p.
Caddo Parish	13	5:25 p.							Wind
									Wind gusts to 60 m.p.h. with heavy rainfall reported from Middleton fishing camp near Rosston (latitude 32.9° N, longitude 93.9° W).
Plaquemines Parish	14	11:50 a.-12:10 p.							Funnel cloud aloft
									Storm moved from SE toward NW; near Triumph, about 6 NW Boothville, a black funnel observed with heavy rain all around; it was the largest funnel cloud observer has seen in three years; projected from ragged bottom of mother cloud, with lower end smaller but still large; dipped very low, never reached ground.
Orleans Parish	16	6:10 p.							Funnel cloud aloft
									Funnel cloud aloft reported in Gentilly area.
Orleans Parish	16	9:23 p.							Funnel cloud aloft
									Funnel cloud, traveling N to NE course, sighted approximately 1 N Arabi home.
Calcasieu Parish	17	5:55 p.			0	1	?	0	Lightning
									Thunderstorm, covering about four miles square, moved from N to S, 5:30p.-6:30p. Lightning struck power lines, blew up transformer, hit tree (Route 27 S of Sulphur). In nearby establishment, manager-ess, seated at table, was knocked across two chairs; no burns reported at place where she was sitting; she appeared to be in shock, could not speak, and was hospitalized. In Carlyss area, lightning struck three utility poles, burned out two conductors, disrupted electrical service for more than four hours.
Orleans Parish	19	pm							Funnel cloud aloft
									Scattered thundershowers, metropolitan New Orleans area. Several public reports funnel clouds aloft and/or some wind damage. Unable to verify tornado funnel touched ground.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
MAINE									
North Belgrade to Bangor	7	3:30 p.m.			0	0	4	2	Lightning, wind, hail
			Storm damage was concentrated in North Belgrade and Bangor. Wind speeds exceeded 50 mph with damage mostly confined to a narrow swath. Wind knocked down trees and wires and caused some structural damage including a wall and roof at the North Belgrade fire station. Hail caused minor crop losses. Lightning set fire to a Bangor warehouse.						
Extreme southwest	30	Evening			1	0	4	0	Lightning
			Affected area included Cumberland County and adjoining portions of surrounding counties. Severe electrical storms slashed across the area downing power lines resulting in widespread power failures. In Topsham, a woman was electrocuted by felled power lines. Her body, wrapped around by several of the downed still-live wires, was found in several inches of water.						
MARYLAND									
Baltimore	11	4:50 PM			1	0	0	0	Lightning
			Lightning struck and killed a man crossing a southwest Baltimore playground.						
Central and Northeast	11	Late afternoon			0	2	4	0	Wind, Lightning
			A squall line of locally heavy thunderstorms moved through area. Two men were injured seriously when wind blew over ladder they were using to paint a 40-foot water tower near Westminster. At Lisbon, Howard County, winds blew down 21 tents of a 26 tent Volunteer Fire Company carnival; damage was estimated at \$10,000. Power service was disrupted in scattered areas. More than 11,000 homes in Northwest Baltimore and Baltimore County were affected. Several buildings were struck by lightning and at least one, a barn was destroyed by fire.						
Montgomery and Frederick Counties	16	Evening			0	0	4	0	Wind, Lightning
			Winds during a brief but violent thunderstorm destroyed a shed, uprooted trees and overturned a farm wagon near Keaptown at about 7:30 PM. Large barn filled with hay and rye was leveled by fire apparently caused by lightning near Damascus; damage was estimated at about \$12,000.						
MASSACHUSETTS									
South Sandisfield to New Boston	11	5:00 to 5:15 pm	8	very narrow	0	0	4	3	Tornado
			Tornado entered South Sandisfield from Connecticut and continued east-northeastwardly to New Boston, with a path 7.9 miles long in Massachusetts. Funnel appeared very narrow but path of damage widened to about 1/4 mile or more in places. Extensive damage to forest, shade, and fruit trees, uprooted or broken off. Many buildings damaged, also farm equipment and crops.						
Holyoke to South Hadley	11	about 6 pm	6	50-100	0	0	5	0	Tornado
			Tornado caused extensive damage in Wyckoff Park area of Holyoke in a narrow path and moved east-northeastward across the Connecticut River through South Hadley. Extensive damage to homes, other buildings, and trees. Funnel appeared very narrow as it crossed the River.						
Essex and Middlesex Counties	12	evening			0	1	4	0	Wind
			Sudden violent winds and frequent lightning damaged parts of southern Essex County and eastern Middlesex County. It tossed a woman pedestrian into the air, bowled over a dozen sailboats on Lake Quannapowitt, smashed windows and felled trees, limbs and some power lines. Police in Lynn-Stoneham area during the storm estimated wind speeds to 75 mph. A car was demolished and another was damaged by falling trees in Lynn.						
Barnstable, Plymouth, and Bristol Counties	23	p.m.			0	0	4	0	Rain, Lightning
			Widespread thunderstorms and torrential rains, especially over the Outer Cape, caused considerable damage. In the Fall River area it was termed the most severe electrical storm of the past 10 years. More than 25 bolts of lightning knocked out power fuses there and in Dighton and Swansea. Lightning strikes were also numerous in other sections of the affected area. Deluges of rain caused local flooding and washouts. Three to four inches of rain fell from Provincetown to near Orleans. More than two inches fell at North Truro in less than an hour.						
MASSACHUSETTS (Cont'd.)									
Worcester	31	3:50 p.m.	1	50-100	0	0	0	0	Tornado
			Described as "baby tornado" with visible portion of funnel extending from ground up to about 1500 feet. Paper and other debris carried to 300-1000 ft. high. Loud roar, but no property damage. Accompanied by thunderstorm and followed by excessive rain and a small amount of hail. Funnel moved to southeast.						
Millbury	31	4:00 p.m.	1	50	0	1	2	0	Tornado
			Appeared as a column of brown smoke, with loud roar like train. One woman injured by flying debris. Otherwise, damage only to tree limbs and lawn furniture carried up by funnel. Followed by 1.25 inches of rain in one hour. Funnel moved to south or southeast.						
Worcester	31	p.m.			0	0	4	0	Rain, lightning
			A torrential shower, mostly in less than a half hour, became a deluge flooding streets, cellars, and basements. Accompanying high winds knocked down tree limbs and caused widespread power failures in the city. Cars stalled in flooded underpasses were covered by water to windshield level. Many streets were awash from curb to curb, with passing cars sending waves over sidewalks and into street-level sections of buildings. Many lightning strikes.						
MICHIGAN									
Saginaw, Saginaw County	3	2:40 pm			0	0	1	0	Dust Devil
			200 pound dog house picked up by a freak wind, described as a spinning top which buzzed as it moved. Dog house with a dog inside were deposited some 30 feet into the neighbors yard.						
South Haven, Van Buren County	8	4:30 pm			0	3	4	0	Windstorm
			Unofficial winds clocked at 80 mph. Damaged 10 buildings in South Haven area. Topped trees resulted in 3 car accidents and 3 injured persons. Storm moved straight east.						
Big Portage Lake area, Jackson County	8	9 pm			0	1	3	0	Hail - Wind
			Golf ball sized hail recorded at Big Portage Lake. Wind toppled tree caused auto accident which seriously injured one person.						
Charlevoix, Charlevoix County	8	3:45 pm			0	0	0	?	Hail
			Hail up to 1-1/4 inches in diameter caused some crop damage in this area.						
Kinde, Huron County	8	pm			0	0	4	0	Lightning
			Lightning destroyed one barn worth \$12,000 and set fire to nearby fields. Lightning also damaged one barn near Alpena in Alpena County this date.						
Grand Traverse Bay	9	4:15 pm			0	0	0	0	Waterspout
			Waterspout 2 miles southeast of Grand Traverse Lighthouse observed moving northeast.						
South of Scottville, Mason County	15	pm	short		0	0	0	0	Tornado
			Tornado observed to touch briefly on Flats of the Pere Marquette river just south of Scottville.						
Southern 2/3 of Lower Peninsula	15-late pm	16 early am			1	0	5	?	Lightning - Wind
			Fires started by lightning and wind either damaged or destroyed barns in the following counties: Oceana, St. Clair, Oakland, Calhoun, Branch and Kalamazoo. Flooding occurred in the following cities: Muskegon, Grand Rapids, South Haven, Ann Arbor, Monroe and Pontiac. Hail caused some damage to fruit near Grand Rapids, Kent County and near Clare in Clare County where hail was simply described as large. One death occurred in Oakland County in an auto accident at the height of the storm. South Haven's Experiment Station recorded 4.75 inches of rain from the storm. This is a new record rainfall for August in a 24 hour period, records begin in 1895.						
Bellevue, Eaton County	22	6 pm	short		0	0	4	0	Tornado
			Two funnels aloft were reported in this area with one of them apparently touching down briefly at Bellevue. The roof was removed from a house and the roof and front of a garage taken off causing damage to two cars parked nearby.						

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MINNESOTA									
Wilkin County	1	early a.m.			0	0	4	2	Rain
			4.22	fell					in Breckenridge and Wahpeton causing severe local flooding.
Kittson, Roseau Counties	5	6:15-7 p	?	?	0	2	5	5	Tornado, winds, rain, lightning.
									Wind reported to 100 mph and rain of over 3 inches concentrated most heavily in Hallock, Kennedy, Greenbush region. Near Greenbush 2 injured when barn destroyed. Church in Hallock badly damaged by lightning. Two funnels reported by public A 5 by 1 mile crop area completely flattened.
Willmar area, Kandiyohi County	6	2:40 p			0	0	3	5	Hail, wind.
									Hail, diameter walnut size, damage severe in strip about 2 mile wide, corn 60% destroyed, soybeans 100% destroyed. Wind estimated at 70 to 80 mph.
28 SE Minneapolis	6	4:03 p							Funnel Cloud
NW Appleton, Swift County	6				0	0	0	3	Hail
									Damaged corn on a few farms.
Chokio, Stevens County	7	5:45 p			0	0	3	4	Tornado, hail
									Tornado touched in open country. Hail did damage in 3 mile strip.
Rochester, Olmsted County	7	7:45 p					3	3	Hail
									One inch hail covered ground.
New York Mills, Ottertail County	9	6:30 p							3 Funnel clouds.
SW Madena, Madena County	9	6:30 p	short		0	0	0	0	Tornado
									Touched down in open country.
NW Eagle Bend, Todd County	9	8:05 p							Funnel cloud.
									Reported by Highway Patrol moving southeast.
Freeborn, Waseca, Dodge Counties	15	early a.m.					5	1	Lightning
									A bolt of lightning started fire which caused \$200,000 damage at a church in Albert Lea. Near Jonesville lightning started a fire which destroyed a barn, 30 hogs and machinery. At Dodge Center lightning struck a barn causing \$3,000 damage.
Rochester, Olmsted County	30				0	0	0	2	Hail
									One-half inch hail did minor damage to crops.
MISSISSIPPI									
Harrison County	10	0700C			0	0	4	0	Lightning
									St. Marks Episcopal Church in Mississippi City severely damaged. The shrimp boat, PIXIE, also received considerable damage from lightning near Chandeleur Island.
Lowndes County	11	Near noon			0	0	4	0	Lightning
									The First Christian Church and the County Courthouse, and First Columbus National Bank in Columbus were damaged by lightning.
Jones County	17	1715C			0	0	4	0	Lightning
									Lightning destroyed 1 house and struck another with some damage to utility facilities, and local flooding. Some other damage from lightning and high winds was also reported in other areas in Mississippi.
Lauderdale	19	1702-2000C			0	0	4	0	Flash Flood
									Over 2 inches of rain flooded several streets, automobiles and homes in Meridian.
MISSOURI									
Hume, Bates County	9	7:00 PM					4	4	Thunderstorm
									Wind damage to buildings in Hume. Hail damage to crops west of Hume.
Independence, Jackson County	15	4:30 PM					4		Thunderstorm
									Hailstones, ranging from golf ball size to one with a circumference of 9-1/2 inches, caused damage to windows, roofs and cars.
Kansas City, Clay-Jackson Counties	17	11:45 PM					4		Thunderstorm
									Wind damage to an amusement park, and to numerous homes and stores.
Windsor, Henry County	17	1:45 AM							Funnel Aloft
									Reported by policeman, Funnel moving toward the northeast in the vicinity of Chilhowee, 12-15 miles from Windsor.
MONTANA									
Wibaux (12 miles So) Wibaux County	12	3:00 pm	5	*1	0	0	0	4	Hail
									Hail stones were up to 1 1/2 inch diameter.
NEBRASKA									
North Platte	6	5:00 p	Short	Narrow	0	0	0	0	Hail
			Hail 3/4 to 1 1/4"	diameter.					No damage reported.
Antelope and Pierce Counties	6	7:00-7:30 p	40	10	0	0	0	5	Hail
									Several hail strips. Stones 1/2" diameter.
Portions of Loup River and Tributaries	12	Afternoon & Evening			0	0	?	?	Excessive rain and floods
									The storm center was located in the southwestern corner of Boone County and across the line into the edge of Greeley County where unofficial measurements reached 16 to 17 inches. The heavy rain area covered portions of all of Boone, Nance, Howard, Greeley, Valley, and Wheeler Counties. Serious flooding occurred downstream as far as Columbus with losses running into the millions of dollars. Results of the bucket survey conducted by several agencies is printed in Climatological Data - Nebraska.
Arcadia-North Loup Vicinities	12	5:50 p - 6:20 p			0	0	0	0	Funnel Clouds
									Several funnel clouds sighted but apparently none touched ground. No damage reported.
Knox County	14	5:30 p - 7:00 p	10	1-2"	0	0	0	4	Hail
									Pishville to Nebraska area. Stones 1 1/4" to 1 1/2" diameter.
NEVADA									
NEW HAMPSHIRE									
Greenfield	2	Evening			0	0	4	3	Rain
									None reported
Piermont, East Haverhill	11	3:30 p.m.	5	100	0	0	5	3	Tornado
									About 5.8 inches of rain fell on a small area of the Pine Ridge section in about 4 hours, 8 p.m. to midnight. Sections of roads were washed out and hay and other crops were flattened.
Merrimack County	11	Evening			0	0	4	2	Lightning, wind, hail
									Areas affected included adjacent portions of surrounding counties. Hailstones measuring up to 1 1/2 inches in diameter fell over the area from Canterbury to Pittsfield and in scattered areas elsewhere. Lightning started a number of fires and severely damaged a church steeple in Penacook. Wind-felled trees downed power lines with resultant power failures in many communities.
NEW JERSEY									
Surf City, Ocean County	23	Afternoon			1	3			Electrical
									A surfer, who had just come out of the water, was struck on the chest by a lightning bolt and killed. Three companions were injured, apparently from the same bolt. The dead youth had just come in from surfing and was standing at the ocean's edge.
NEW MEXICO									
McKinley County	1	3:30 p.			1	0	0	0	Lightning
									One youth struck and killed by lightning, 8 miles south of Gallup.
DeBaca County	2	2:00 a.			0	0	0	0	Funnel aloft
									Funnel aloft a few miles southeast of Fort Sumner, moving north, visible for about 20 minutes. 3-1/2 to 5 inches rain in area.
Union County	5	4:00 p.			0	0	?	?	Hail
									Hail to 1-inch in diameter at Clayton.
Colfax County	5	4:25 p.			0	0	0	0	Funnel aloft
									Funnel aloft sighted 11 miles east of Raton.
Dona Ana County	5	4:30 p.			2	1	0	0	Lightning
									Lightning struck truck about 6 miles south of La Mesa, killing two farm workers and injuring one other.
Rio Arriba County	6	3:00 p.			0	0	0	5	Hail
									Marble-size hail in Espanola area damaged fruit. \$100,000 damage.
Chaves County	7	Afternoon			0	0	2	0	Wind
									Winds to 42 miles per hour with gusts to 55 miles per hour in Roswell area damaged windows and downed trees.
Lea County	7	6:00 p.	1/5	Narrow	0	0	3	0	Tornado
									Tornado touched down 12 miles west of Tatum and damaged house, house trailer, and power poles.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
NEW MEXICO (Cont'd.)										NORTH CAROLINA (Cont'd.)									
Eddy County	7	Night	205-foot radio antenna	0	0	4	0	Wind	Dare County	15	2-3 pm					3	0	Waterspout; electrical	
			downed 2 miles northeast of Carlsbad. Airport hangars damaged. Metal building flattened 6 miles east. Estimated total damage, \$15,000.															Waterspout about 800 feet high seen in Croatan Sound. Electrical storm followed, setting fire to marshes and burning about 25 acres.	
Otero County	9		Wind with gusts to 58 miles per hour	0	0	4	0	Wind	Davidson, Mecklenburg, Robeson Counties	15	night					5	0	Electrical	
			blew down wall of building under construction, power lines, and trees.															Lightning several areas; set fires destroying a large clubhouse and several smaller buildings.	
Mora County	11	3:00 p.	Hail stones to 2-inches in diameter	0	0	3	0	Hail	Greene County	16	4:30 pm							0	Tornado
			damaged windows, windshields, and gardens.															Funnel cloud seen. Demolished a home and several farm buildings; one barn seen spinning in air. A tree with trunk five feet in diameter uprooted, fell on auto.	
Southeastern New Mex.	22-23		Fairly steady rains of varying intensity over central and southern portions of eastern plains, some thunderstorms, and a few small tornadoes. Heavy rains in the mountains on 22nd supplemented by heavy showers in Eddy County on 23rd resulted in flooding with farm damage totaling over \$1,000,000 in the Pecos Valley in New Mexico. Peak discharges were highest since 1941 or earlier years on many streams. One person drowned in flood-waters near Lakeswood, Eddy County.	1	0	5	6	Heavy rain, flood	Beaufort, Nash, Sampson Counties	16	aftn & evening					4	0	Electrical, rain	
Eddy County	22	4:15 p.	Short Narrow Tornado in open on Carlsbad airport, moving northeastward, touched down for few seconds. Second tornado about 1-1/2 mile north of airport at 4:18 p. touched down for several seconds.	0	0	0	0	Tornadoes	Greene, Moore, Orange Counties	17	aftn & evening		1	1	4	4	4	Electrical, hail	
Eddy County	23	1:00 p.	Funnel aloft 8 miles southwest of Jalisco moved northeastward.	0	0	0	0	Funnel aloft	Craven, Guilford, Hoke, Wake, Yadkin Counties	19	aftn		0	1	4	0	0	Electrical, wind, rain	
San Juan County	30	Afternoon	1-1/2 Narrow Tornado moved down boat landing ramp, across Navajo Lake, and down San Juan River. Several boats capsized and damaged. Damage to marina under construction estimated at \$1,500.	0	0	3	0	Tornado	Beaufort, Carteret, Chowan, Hertford, New Hanover Counties	20	aftn		0	1	4	0	0	Electrical, rain	
Chaves County	31	3:00 p.	Short Narrow Tornado 9 miles southeast of Roswell damaged 2 barns and trees. One inch of rain in 20 minutes reported unofficially.	0	0	?	0	Tornado	Franklin, Orange Counties	24	aftn				4	4	4	Hail, rain	
NEW YORK									Buncombe, Haywood, Macon, Swain Counties	26	5-7:30 am				0	4	4	Hail	
Northern and Central	9	p.m.	Late afternoon and evening thunderstorms caused lightning and some wind damage from Syracuse and Mohawk Valley areas northward to the St. Lawrence Valley. Two large dairy barns south of Massena and one each in Watertown and Ogdensburg areas destroyed by fires along with contents of considerable hay and/or farm machinery. Four head of cows killed by bolt near Potsdam. Home extensively damaged by fire at Fulton, Oswego County, while three homes in Syracuse suburbs sustained light damage from fire. Person injured by large falling limb dislodged by wind at Fulton, while person in Syracuse stunned by lightning during use of telephone. Scattered power failures, trees and limbs downed in several communities in St. Lawrence and eastern Mohawk Valleys. Heavy rain of 1.5 inches in less than two hours in Cortland-Homer area flooded basements and first floor of several stores and school buildings.	2	4			Electrical	NORTH DAKOTA										
Hudson Valley and Long Island	11	Evening	Affected area extended from Schenectady and Albany southward to Staten Island and parts of western Long Island. Man burned by lightning bolt in Yonkers; flying glass from wind-shattered window cut two pedestrians on Staten Island. Lightning caused light fire or structural damage to three homes in Westchester County. Power lines, trees and limbs downed many communities from Kingston area to greater New York City, as heavy downpour caused flooding and street washouts in Schenectady. Severe local wind damage to farm buildings at Pine Plains, Dutchess County. Wall of concrete block ripped off laboratory building by freak wind at Long Island City; wind gusts of 63 mph. recorded nearby at LaGuardia Airport.	3	4			Electrical, wind	Renville County	4	night	8	2 mi.					4	Hailstorm, heavy rain
Central	16	Late p.m.	Wind struck airport at Canastota, Madison County, about 7:30 p.m. destroying large hangar, 3 aircraft and heavily damaging 12 additional planes. Widespread wind damage to utility lines and trees in Oneida, Oswego and Onondaga Counties. Street flooding and washouts from intense rainfall reported in sections of Syracuse, Utica and Binghamton. Lightning during early morning hours of 16th fired livestock shed in Erie County with loss of ten pigs. Hail of up to half-dollar size north of Syracuse but damage minor.			5		Wind, rain, electrical	Bottineau County (north of Souris) Renville County	5	morning							4	Heavy hail, rain
NORTH CAROLINA									Rolette, Towner and Ramsey Counties	5	morning							4	Heavy hail, wind
Alamance, Brunswick, Columbus, Duplin, Gaston, Haywood, Johnston, Lenoir, Robeson and Sampson Counties	3	aftn & evening	Thunderstorms scattered over length of state. Lightning set several fires, hail damaged tobacco crop. Wind and lightning disrupted power and communications.			4	5	Electrical, hail, rain, wind	Deville County	5	afternoon					1	6	5	Tornadoes (3) Hail and rain storm
Greene and Iredell Counties	11	aftn	Lightning burned small home, tobacco barns and storage house.			4	0	Electrical	Deville County	5	afternoon					4	4	Tornado	
Randolph County	12	6-11 pm	Nearly nine inches rain in five hours caused several highway and bridge washouts vicinity of Asheboro. One auto washed into swollen creek; driver rescued by boat.			4	0	Rain	Trail County (near Kelso)	5	6:00 p.m.							4	Tornado were damaged or destroyed.
Cumberland County	13	1:12 pm	Reported by pilot, four miles northeast of Fayetteville.			0	0	Funnel aloft	Ward County	5	night	55						4	Hailstorm
									Gwinner (5 mi. W)	7	1:15 p.m.								Funnel Clouds (2)
									Valley City (4 mi. NE)	7	1:35 p.m.								Funnel Clouds (Numerous)
									Oriska	7	1:40 p.m.								Funnel Clouds

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

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		
OHIO										
Scattered Areas Over State	8	Afternoon			0	2	5		Wind, Rain, Hail and Electrical	<p>A lumber company, 2 miles north of Circleville, suffered extensive wind damage. In Circleville, 2 1/2 to 3 inches of rain fell in 40 minutes. Lightning struck and destroyed a barn in Circleville Township. A woman was treated for shock after being struck by lightning. One inch hail fell in Circleville. An extensive telephone service outage in Chillicothe was attributed to lightning. Golf ball size hail pounded areas 12 miles northeast of Chillicothe. At Delaware, wind gusts of 70 mph and hail up to three-fourths inch in diameter were reported. High winds toppled trees in Columbus. A Chesapeake man suffered burns but escaped death when a bolt of lightning ripped off his shoes and clothing. A barn at Aid was destroyed by fire after it was struck by lightning.</p>
Columbus	9	1:00 pm							Funnel Aloft	<p>A funnel cloud was observed northwest of the city moving eastward. The cloud was not observed reaching the ground.</p>
Scattered Areas Over State	9	Afternoon			0	4	5		Wind, Rain, Hail and Electrical	<p>Scattered damage was reported from thunderstorms that moved across the state. A Cincinnati suburb reported heavy hail, with trees and wires downed. Three-quarter inch hail fell on Wright-Patterson Air Force Base. In the St. Louisville area, inch hailstones destroyed crops, broke windows, and dented aluminum siding on many homes. Strong winds downed power lines in the St. Louisville area. High winds leveled a 200-foot tent at the Westerville city fair. Two persons were injured by lightning in Columbus. Lightning started several minor fires in the Columbus area. Inch hail was reported near Johnstown. Two Salem boys suffered burns when struck by lightning. In the western and northern sections of Salem, hailstones littered lawns and streets to a depth of nearly an inch. Trees fell across power lines at New Waterford. At Winola, a \$100,000 lightning-set fire burned out most of the automatic dialing equipment.</p>
St. Marys	10	2:50 pm							Funnel Aloft	<p>A funnel cloud aloft was observed moving eastward. The cloud was not observed reaching the ground.</p>
Northern and Central Areas	10	Afternoon and Night			0	4	6		Wind, Rain, Hail, and Electrical	<p>Severe storms lashed the state for the third consecutive day. Heaviest damage occurred over central portions of the state. The Westerville Fair was hit for the second time in as many days and damage to its tents and equipment was estimated at \$13,000. Three Columbus residents were knocked down by lightning. A large tree fell across a two story house in Gahanna. Wind ripped off the roof of a Columbus dairy and part of the roof of a new Highway Department display building on the state fairgrounds. Wind also destroyed a barn near Kenton. Wind gusts of 62 mph were recorded in Kenton. Straight-line winds destroyed houses, barns, and other buildings in a 1 1/2 mile swath near Marysville. At St. Marys, a roof was ripped off a carwash. Lightning struck a barn near Hendon, causing a \$30,000 fire. A Washington Township man suffered shock from a bolt of lightning near his farm. Lightning struck a barn in the Warsaw vicinity. Flames from the barn spread to two other buildings. The loss was estimated at \$40,000. Heavy rain and extensive wind damage were reported at Centerville. High winds, heavy rains, and lightning caused power failures and property damage in Wellington and Lorain areas. The storms dumped more than 2 inches of rain in some areas.</p>
Toledo and Central Areas	16	4:00 am 3:00 pm			5	0	5		Wind, Rain, and Electrical	<p>Central Ohio and the greater Toledo area were hard hit by thunderstorms and high winds that swept through most of the state. Prospect was one of the hardest hit communities, more than 50 trees were down in an area a quarter of a mile wide and a mile long. The storm knocked out power lines in seven large areas of Toledo. A severe thunderstorm caused the crash of a light plane near Hebron in which 5 persons were killed.</p>
OKLAHOMA										
Harper, Ellis, and Woodward Counties	1	6:20p.- 7:35p.	30	40	0	0	4	0	Wind and dust	<p>Heavy thunderstorms moved across the area accompanied by damaging winds and blinding dust. Wind gusts estimated at 80 MPH in Laverne about 6:20 PM toppled a radio tower and nearly demolished a Cessna 152 aircraft which was blown through a fence and into a ditch. The Gage FAA Flight Service Station observed winds to 52 MPH and gusts to 69 MPH at 7:19 PM. Gusts reached 92 MPH at 7:31 PM when heavy rain obscured the sky and reduced visibility to one-eighth mile. Blowing dust 6 miles west of Woodward along SH 15 reduced visibility to near zero about 7:30 PM.</p>
Gage, Ellis County	6	8:13 p.	?	?	0	0	0	0	Wind	
		Gage FAA Flight Service Station							reported wind gusts up to 63 MPH. No damage was reported.	
Grand Lake, Delaware County	7	About 5:30p.			2	0	0	0	Electrical	<p>Two men were killed by lightning as they were pulling their boat into the dock near the Cowskin bridge in the Elk River resort area.</p>
OKLAHOMA (Cont'd.)										
Kingfisher County	7	About 6:30p.	Short	Narrow	0	0	5	0	Wind	<p>High winds caused damage in the Big Four area about 10 miles east of Kingfisher. An oil well servicing derrick was blown over, an oil treater and a trailer house damaged, and tubing ruined. A nearby barn was blown down and 2 others damaged along with some damage at 2 residences.</p>
Harper County	9	7:30p.- Midnight	25	*15	0	0	?	?	Rain, hail	<p>Very heavy thunderstorms moved southeastward across the Buffalo area with most rain falling between 9:00 and 10:00 PM. The heavy deluge totaled 6 inches at Buffalo with unofficial totals of 7 inches reported at the north edge of town and 8 inches to the east of Buffalo. Six bridge approaches were washed out and several culverts and roads damaged. Largest hail was reported in the north east part of Buffalo with a few stones measuring up to 2 1/2-inch size.</p>
Alva, Woods County	9	8:40p.	?	?	0	0	0	0	Hail	<p>Hail fell for about two minutes in the City with stones averaging 3/8-inch size and largest of 1-inch size.</p>
Alfalfa County	9	9:00p.- 10:00p.	10	*7	0	0	4	0	Wind and electrical	<p>About 100 cabins in the Great Salt Plains Lake resort area were reported damaged in varying extent from the strong winds. One barn near the lake was also burned to the ground by lightning.</p>
Gage, Ellis County	9	10:00p., 11:32p.							Wind	<p>High winds accompanying a cold front produced gusts up to 58 MPH at 10:00 PM and 65 MPH at 11:32 PM at the Gage FAA Flight Service Station.</p>
Healdton, Carter County	10	4:08p.- 4:22p.	Short	Narrow	0	0	0	0	Hail	<p>Hail up to 3/4-inch size fell in the area 2 miles north of the City and covered about 20% of the ground. No damage was reported as the storm moved southwestward.</p>
Frederick, Tillman County	10	5:40p.- 6:25p.	2	*1	0	0	5	4	Hail	<p>A hailstorm hit hardest on the west side of Frederick but other sections also reported a deluge of hailstones. Hail averaged 1-inch size with largest reported as 2 1/2-inch size. About one-third of the ground was covered while some stones were drifted and washed into low places by the accompanying rain of 2.01 inches. Window panes were smashed, automobiles dented, roofs damaged, and some trees were nearly stripped of leaves.</p>
Caddo County	10	8:00p.- 8:30p.	10 1/2	*1 1/2	0	0	4	5	Hail	<p>A damaging hailstorm moved southward across the west-central part of the County from Highway 152 near Cherry Dale to the area west of Gray in the Highland community. Nearly all crops on 10 farms were lost with cotton, sorghum, and peanuts stripped and beaten down. Several homes and buildings were damaged by hail that covered the ground 6 inches deep in places. Stones averaged 1 1/2-inch size with largest stone reported as 3-inch size. Large piles of hail were still on the ground the next morning following the storm.</p>
Haskell County	11	2:00a.- 11:00a.	15	*10	0	0	3	5	Rain	<p>Heavy rainfall occurred over much of the northeastern one-third of the County. A preliminary report from Stigler indicated a rain of 5.58 inches with unofficial totals ranging from 7.5 inches at Star and 9.0 inches in the rural area west of Keota to 15.3 inches in the Bayler community located 12 miles north of Keota. The rainfall at Stigler accumulated at the rate of 9.5 inches by 8:30 AM, 13.2 inches by 9:30 AM, 14.9 inches by 10:00 AM, and 15.3 inches by 11:00 AM. Local flooding on San Bois and Otter creeks closed several roads, washed some bottom land, and put water up to the floor of some homes. Two bridges were destroyed and several damaged.</p>
Enid, Garfield County	11	About 4:00a.	Short	Narrow	0	0	5	0	Wind	<p>Strong localized winds from moderate thunderstorms in the Enid area struck at Woodring Airport. Nine Air Force T-41 training planes were demolished and 3 others badly damaged when winds pulled concrete anchors out of the ground. One plane was thrown 100 feet over other T-41's.</p>
Ada, Pontotoc County	11	5:50a.			1	0	4	0	Electrical	<p>Lightning struck a television antenna and set a fire on fire. The sleeping lady occupant received burns on her face, neck, arms, and hands. She also suffered from smoke inhalation and died a few hours later.</p>

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.) Carter, near, Beckham County	11	1:00p.-2:00p.	4	*3	0	0	?	4	Hail
									A hailstorm did extensive damage to cotton crops along SH 34 just north of the Beckham-Greer County line. Rainfall accompanying the storm varied from 2.73 inches at Willow to an estimated 3 inches in the hard-hit Ocina community.
Woodward, Woodward County	18	2:30p.-3:20p.	5	*3	0	0	4	0	Rain
									Locally intense rainfall in the Woodward area occurred mostly in a 50-minute afternoon deluge totaling 2.01 inches in Woodward, 2.51 inches at the Southern Great Plains Field Station on the southwest edge of the City, and an unofficial 3.10 inches reported from the Pru-Yu television weather station. Flash flooding inundated 7 homes in the 2200 block of Cherry Avenue with up to 12 inches of water reported in one home. One automobile was swamped and wet telephone cable caused 500 telephone outages lasting up to 2 days.
Oklahoma City, Oklahoma County	19	5:14p.							Funnel aloft
									A funnel aloft was sighted about 5 miles west-southwest of Tinker Air Force Base by an airline pilot. This same funnel was also sighted aloft by a city police patrolman near SE 74th and IH 35.
Tillman, Comanche Counties	28	5:00a.-7:00a.	15	*12	0	0	?	?	Rain
									Heavy rain showers fell across northeastern Tillman County and the southwest corner of Comanche County. Most of the 3- to 5-inch totals fell between 5 and 6 AM causing Deadman, Deep Red, Horse and two Back Creeks to flood until water receded later in the afternoon. Fields were washed, earthen dams damaged, and roads, bridges, and fences washed out.
Addington, Jefferson County	28	7:00a.-9:00a.	5	*2	0	0	4	4	Hail
									Jagged hailstones caused extensive damage as the storm moved eastward across Addington. Pecan groves west of town reported 50% loss of crop and tree damage from stones averaging 1 1/2-inch size with largest of 3-inch size. Roof and window damage was reported to 7 homes. 3 churches and 10 businesses with minor damage also reported to the interior of many homes. An unofficial report of 2.5 inches of rain accompanied the hail.
Isabella area, Major County	31	About 3:45p.-5:45p.	5	*4	0	0	?	?	Rain
									A very heavy rain shower intensified over the Isabella community where unofficial estimates and measurements indicated that totals of 5 inches fell at Isabella and 7 to 10 inches in the immediate vicinity during the two-hour storm. Quick run-off washed fields and creeks flash flooded. Water up to 12 inches deep flowed across SH 58 and SH 6 in several places.
OREGON Farming area slightly west of Adrian to Ontario line	25	8:10 PM	12	100	0	0	4	3	Small Tornado
									Small tornado touched ground at a number of points along a very narrow path extending from slightly west of Adrian to the Oregon eastern border just north of Ontario. It remained slightly west of heavily populated areas in the Nyssa and Ontario areas. A number of trees and power and telephone poles were twisted off. Several farm buildings were damaged or destroyed. Power and telephone service was disrupted for from one to several hours over a wide area. A limited amount of hay, seed crops and hops were destroyed.
Imaha	26	Afternoon			0	0	4	3	Cloudburst
									Extremely heavy rain mixed with hail extending, at maximum intensities, over only a very few square miles occurred at Imaha and immediately adjacent areas. One farm home was flooded and partially buried by mud and rocks. Several acres of vegetable crops were destroyed. Roads were washed out or buried with rock and mud slides at a number of places. Approximately 1.50 inches of rain fell in Imaha in less than 15 minutes.
PACIFIC AREA									None reported
PENNSYLVANIA Central and Western Counties	9	Evening					2	5	Thunderstorms
									Lightning from scattered thunderstorms fired several barns, damaged a number of homes, killed 2 cows in Lebanon County and injured 2 persons--one near Bradford from broken glass when a tree fell and broke a windshield of a car in which a 10-year-old girl was riding--and the other in St. Marys where a man was stunned when struck by lightning. High winds downed a number of trees throughout the area.
Near Meadville	10	7:00 P.M.					3		Wind
									High winds from thunderstorms overturned a house trailer and felled a number of trees.
Columbia	11	5:00 P.M.					1		Lightning
									A man was knocked unconscious when struck by lightning.
PENNSYLVANIA (Cont'd.) Near Scranton	11	Afternoon						4	Wind
									Strong winds from a thunderstorm flattened a barn and several other buildings on a farm while windows in a nearby church were broken by the wind.
Near Waynesburg	15	4:30 P.M.						3	Wind
									High winds from a thunderstorm damaged several barns, blowing down one completely, and unroofed other buildings in the area.
State-wide	16	Afternoon & Night						6	Thunderstorms
									Lightning from thunderstorms that moved across Pennsylvania fired a number of barns, homes, and other buildings throughout the State. One lightning strike near Bethlehem resulted in a \$150,000. fire to a new girls' dormitory at Moravian Seminary. Wind from the same storm unroofed several buildings and felled many trees, outdoor signs and utility lines. Trees fell on several cars causing extensive damage. Heavy rainfall in various sections caused major local flooding, particularly in some eastern localities. In and around Wilkes-Barre, the more than 3 inches of rain in several hours time flooded low-lying areas to depths of up to 5 feet of water. Numerous basements were filled with water and a number of basement walls caved in from the force of the water. Several cars suffered extreme water damage when water in some streets reached rooftop level. Four landslides caused by the heavy rainfall also occurred in the Wilkes-Barre area.
Near Williamsport	16	1:00 P.M.	5.1	100			1	4	Tornado
									Damage along the path of this northeastward-moving storm was restricted primarily to small buildings and trees. Small sheds were picked up, thrown about, and smashed when they hit the ground. Some large trees were torn out of the ground and hurled nearly 100 yards through the air, several damaging homes where they landed. A barn was blown into a farm house and seriously injured a woman standing in the doorway. Total storm damage was estimated at from \$25,000. to \$50,000.
PUERTO RICO									None reported
RHODE ISLAND Bristol, East Providence, Bristol Co.; Warwick, Providence, Kent Co.	23	4:00p.-8:00p			0	1	5	0	Thunderstorms
									Series of violent thunderstorms caused severe local flooding which was described as the worst ever in some sections of Providence. Lightning strikes on scores of buildings and power lines set numerous fires and cut power to over 10,000 homes. Lightning hit a 2 1/2 year old man on golf course but caused only minor injury.
Northern Sections	31	2:00p-5:00p			0	0	4	0	Thunderstorms
									Heavy thunderstorms flooded many sections and caused lightning strikes which cut power to 4,000 homes.
SOUTH CAROLINA Charleston, Charleston County	7	4:00 a	2	narrow				4	Tornado
									Traveling from WSW to ENE and skipping along the ground the tornado uprooted trees, unroofed buildings, knocked out plate glass windows and mangled signs in the Hampton Park and College Park areas.
Rock Hill, York County	11	8:00-9:00 p						3	Lightning
									Power and telephone service knocked out in several areas of the city. Lightning ran into several homes causing fires.
Honea Path, Anderson County	14	8:00 p						3	Lightning
									Electrical storm confined to small area caused damage to one house, damaged a cross tie fence splintering posts and hit several trees.
Aiken, Aiken County	15	afternoon						3	Lightning, rain
									One barn and one house damaged by lightning causing fires. More than three inches of rain fell in downtown business district, causing flooding in several streets
Aiken, Aiken County	16	afternoon						3	Lightning, wind, rain
									Second severe storm in two days caused lightning and fire damage in five homes, felled trees and flooded streets.
Greer, Greenville County	19	3:00-4:00 p						3	Lightning, rain
									Lightning knocked out a 74,000 pound transformer. Rain caused extensive damage to roads and private property. Weather Bureau at Greer recorded 0.44 inch rain during an eight-minute period near 3:30 p.m.
Greenville County	26	7:00-8:00 a						2	Hail, lightning, rain
									Hail and heavy rain in Powdersville area - marble size hail. Lightning split huge oak tree and hurled large limb 60 feet.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

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	
SOUTH DAKOTA Milbank and Vicinity	6	About Noon	4	*1	0	0	3	4	Hail
Willow Lake 15 NW	6	2:30 P	15	*1 1/2	0	0	0	4	2 funnels aloft, hail and wind
Near Willow Lake	14	7:10 P			0	0	3	0	Corn stripped of leaves by wind and hail. Storm moved from NW to SE.
Eastern S.D.	14	About 7:00-9:00 P			0	0	5	4	Two funnels sighted, one touched ground causing minor damage. Wind
Centerville and Vicinity	17	4:50-5:15 P	9	*8	0	0	0	4	Strong winds caused considerable damage over area. A large number of trees and utility lines were damaged as well as farm buildings and other structures. Greatest damage was in the Madison area where a radio tower and a drive-in theater movie screen were destroyed. Several boxcars were lifted from the tracks. Hail
TENNESSEE Greenfield, Weakley County	2	a.m.			0	0	3	0	Hail averaged 1/2 inch with largest 1 1/4 inch. Damage limited to crops. Lightning
Oatlinburg, (near) Sevier County	9	p.m.			0	0	4	0	House and electrical appliances damaged by lightning. Heavy rain
Johnson City, Washington County	9	2:15p.	?	?	0	0	4	0	Thunderstorms in mountains caused local road flooding and a few road washouts. Southeast of Oatlinburg at the base of Mt. Harrison, high water damaged several units of a tourist court. Hailstorm
Memphis, Shelby County	12	3:00p.			0	0	3	0	Hailstones up to 2 inches in diameter were reported along Piney Creek Bottom where cotton, corn and soy bean crop was completely destroyed. Lightning, rain
Kingsport, Sullivan County	13	6:00p-7:00p.			0	0	4	0	Thunderstorm produced instances of lightning damage in scattered sections of the City. Locally heavy rain caused mostly minor water damage. Heavy rain
McMinn, Meigs County	14	p.m.			0	0	4	0	Scattered flood damage on highways, streets, lots and basements in Midfields, Greenfields, Oakwood Forest and parts of Litz Manor community. Lightning, rain and wind
Johnson City, Washington County	14	Sp.			0	0	5	0	Thunderstorms, quite general over area. Lightning and water damage to houses and buildings. Strong winds downed trees and branches which resulted in utility outages in scattered areas. Minor wind damage to crops. Heavy rain
Athens, (near) Meigs County	15	8p.			0	0	3	0	Unofficial report of 2 inches of rain in thirty minutes temporarily flooded streets and buildings in the south and west sections of the business area. The area from West Market Street to Montgomery Street to the Southern Railway tracks was hardest hit with the water level reaching as high as 3 to 4 feet above street level in several places. Wind
Etowah, McMinn County	15	p.m.			0	0	3	0	Small house leveled by straight-line wind during thunderstorm. Lightning
Springfield, (near) Robertson	15	p.m.			0	0	0	3	Lightning damage to church roof. Hail, wind
Parsons, Decatur County	16	2:30p.			0	0	3	0	Hail of undetermined size and strong winds damaged crops and gardens during brief thunderstorm. Lightning
Fayetteville, Lincoln County	16	p.m.			0	0	3	0	Lightning struck a church tower. Lightning
Dayton, Rhea County	16	p.m.							House and electrical appliances damaged by lightning. Electrical
TENNESSEE (Cont'd.) East Tennessee	17	p.m.			0	0	?	?	Numerous evening thunderstorms, repeating conditions of past few days sent swollen streams and tributaries out of their banks across fields, highways and streets in scattered areas. Hail reports were numerous but sizes were generally small. Heavy rains, hail
Lebanon, Wilson County	18	1p.			0	0	0	3	Lightning
Harriman, (near) Roane County	18	7p.			0	0	4	0	Nine Hereford cattle killed by lightning bolt in open field. Lightning
Hickman County	18	p.m.			0	0	4	0	Lightning-induced fire destroyed barn and its contents. Lightning
Knox to Sullivan County Area	19	p.m.			0	0	?	?	Electrical service to Hickman County residents interrupted due to lightning damage to equipment and structure at the Centerville Electrical Substation. Lightning, wind and rain
Knox County	22	p.m.			0	0	4	0	Lightning caused scattered damage. Wind downed trees and utilities in many sections, with several hundred homes in area affected. Accompanying precipitation generally light in most areas but locally very heavy with highways, streets and fields flooded. Electrical, wind
TEXAS Amarillo Potter Co.	1	afternoon			0	7	0	0	Scattered damage to communications. Lightning-set fire destroyed house trailer. Locally strong winds downed trees and power lines. Lightning
10 N Galveston Galveston Co.	2	10:15 a							Seven airmen at Amarillo Air Force Base were burned when lightning struck a tree near them. Identification chains around their necks were heated by the lightning, causing first and second degree burns. A spokesman at the Base hospital reported the chains became so hot they literally melted the skin on the necks of airmen Fins and Kicas. Waterspout
El Paso El Paso Co.	5	afternoon			0	0	?	?	Pilot reported waterspout on Galveston Bay. Flooding, windstorm
19 SE Amarillo Armstrong Co.	6	4:10 p							Heavy rains of one to three inches resulted in the flooding of homes, streets, and businesses in the Northeast and Downtown areas of El Paso. Retainer walls and trees were knocked over by the force of the water and the strong winds that accompanied the storm. The rushing water dumped sand, rock, and debris on to city streets. Freight and passenger rail service was disrupted when nearly four feet of water spilled into the trainway running beneath Downtown El Paso. Only 0.34 inch of rain fell at the ESSA-Weather Bureau Airport Station. Funnel aloft
11 SW Hale Center Hale Co.	6	7:45 p	?	?	0	0	?	?	A tornado touched ground briefly in open farm land eleven miles southwest of Hale Center. It retreated back into the clouds without causing any known damage. Tornado
Hale County	6	evening	?	?	0	0	?	?	Hail up to 1 3/4 inches in diameter and winds measured at 90 miles per hour battered portions of Hale County near the Castro and Lamb County lines. Hailstones piled up six to seven inches deep in the vicinity of Edmonson, 1 1/2 miles west of Plainview. Cotton and grain sorghum crops in a strip five miles wide and 10 miles long were virtually wiped out by the hailstorm. Peak wind gusts were measured at 90 miles per hour at the Plainview airport. Hail and windstorm
NE Lamb Co.	6	evening	?	?	0	0	?	?	Small hail and high winds caused considerable damage to cotton and grain sorghums in the northeastern portion of Lamb County. Heaviest losses were near the Circle community. An estimated 4,000 acres of crops were destroyed on the Moses farms. Sixty-five acres of cotton on the Jesse Welch farm, 1 1/2 miles south of Circle, was a complete loss. On the A. L. Miller farm, 232 acres of cotton, feed, and soybeans were damaged or destroyed. Other farms in the area suffered crop damage from the hail and strong winds. Several farm homes and outbuildings suffered minor wind and hail damage. Hail and windstorm
Dallas and Hartley Counties	7	12:30 a-1:45 p	80	*3	0	0	?	?	Hail severely damaged or destroyed feed grains and vegetable crops in a narrow strip about 80 miles long extending from Kerrick in northeastern Dallas County to Channing in southeastern Hartley County. Hailstones up to 1 3/4 inches in diameter killed pigs on the Knight Place. Snakes, rabbits, and birds were killed in fields and along the roads. Hail inflicted bruises and welts on horses. Windows on the north side of homes were broken, and roofs damaged by the hail. Automobiles and trailer homes were also damaged. A trailer house was blown over by high winds about 13 miles from Dalhart on the Dyer Highway. Hailstorm, high winds

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1966

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	
TEXAS (Cont'd.) S Wildorado Deaf Smith Co.	7	afternoon	20	*10	0	0	?	?	Hailstorm Hail, averaging about 3/4 inch in diameter stripped trees, broke window panes, and caused an estimated \$100,000 damage to crops in an area about 20 miles long and 10 miles wide south of Wildorado. Largest hailstones were 1 3/4 inches in diameter. Windows in an office building at a grain elevator 15 miles north of Dawn were shattered by the hail.
Martinsville Nacogdoches Co.	8	1:00 a- 2:00 a	2 1/2	150	0	0	4	0	Windstorm A windstorm damaged two large broiler houses and three barns, and killed about 50 chickens in the rural farming community of Martinsville, 13 miles northeast of Nacogdoches. Property losses were estimated at \$20,000.
7 N Corpus Christi San Patricio Co.	8	1:15 p							Funnel aloft
10 NW Stinnett Hitchinson Co.	9	7:45 p	?	?	0	0	0	0	Tornado A tornado touched ground briefly on open ranch land about 10 miles northwest of Stinnett without causing any damage. The storm moved from west to east.
6 SW Dalhart Hartley Co.	9	evening	?	?	0	0	?	?	Tornado A tornado touched ground in open farm land southwest of Dalhart without causing any known damage.
25 NW Houston Harris Co.	11	6:25 p							Funnel aloft
Jefferson Co.	11- 12				0	0	6	?	Torrential rains, flooding, and lightning Torrential rains beginning near 7:00 a.m. on the 11th caused severe flooding in the middle and southern portions of Jefferson County and damaged more than 500 homes and 40 business establishments. Total property damage was estimated at \$1,346,000. At the ESSA-Weather Bureau Airport Station at Nederland, 6.39 inches fell within a three hour period. Total 24-hour rainfall was 8.45 inches. Lakeview reported 9.99 inches; Groves, 10.03 inches; Pump Station No. 1 of Drainage District 7 in Port Arthur, 10.78 inches; and Orange, 5.61 inches. The roof and one wall of the Village Theater, largest in Port Arthur, at 3425 Gulf Drive, collapsed when struck by lightning. The building was a complete loss. No fire resulted from the bolt, but damage to the theater was estimated at \$150,000. Flooding was most serious in the Port Arthur, Lakeview, Groves, Nederland, Port Neches areas. The Tideland Motor Hotel on Highway 69 at Nederland was flooded by 12 inches of water in its first floor section.
5 NE Hemphill Sabine Co.	12	10:15 a	?	?	0	0	?	?	Tornado A tornado dipped down near the Sturgis Mill community, five miles northeast of Hemphill on Highway 184. No injuries were reported. Trees were uprooted, and a camp house belonging to Mrs. Mollie Hall was unroofed. Huge pieces of tin, tree limbs, and other debris were sighted in the black tornado funnel.
Real, Uvalde, and Edwards Counties	13	1:00 a- 11:30 a			0	0	?	?	Torrential rains, flooding Very high intensity rains up to 12 inches occurred on the West Neches, the extreme upper Neches, the Dry Frio, and the extreme upper Frio. Amounts up to 12 inches fell in Real County from about Leakey westward to Camp Wood, and northward to Hackberry. Heavy rains up to 6.60 inches extended out to Utopia on the east, to north of Uvalde on the south and to the watershed of the South Llano, north of Rocksprings, on the north. Flash flooding forced evacuation of about 5000 persons, mostly campers, along the Frio and the Dry Frio, more than half of them in Garner State Park and vicinity. The Frio at Concan reached a stage of 23.7 feet, the highest since 1936. Most roads were closed throughout the Hill Country on the 13th and 14th. Flood damage in Garner State Park was estimated at \$15,000.
North Dallas Dallas Co.	13	12:50 p							Funnel aloft A funnel aloft was sighted near the Marsh Lane-Valley View intersection.
Longview Gregg Co.	13				0	1	?	0	Lightning Lightning struck the transmission tower of Radio Station KJUE. The news director, Mr. Phil Ranson, was knocked unconscious when the lightning coursed into the building. He was not injured seriously. Damage to the radio equipment was extensive.
Greenville Hunt Co.	13		short narrow		0	0	4	0	Tornado A tornado struck the municipal airport at Greenville. Two aircraft were flipped upside down causing \$17,000 damage. The funnel dissipated as it moved away from the airport.
Near McKinney Collin Co.	14	afternoon	?	?	0	0	4	0	Windstorm A windstorm lifted the roof off the newest greenhouse at Crumps Garden on FW 543 near McKinney and deposited it in an open field nearby. Damage was estimated at \$13,000.
12 S Shamrock Collingsworth Co.	18	afternoon	?	?	0	0	0	0	2 tornadoes, 2 funnels aloft Two tornadoes and two funnels that remained aloft were sighted near the Dosier community about 12 miles south of Shamrock. The tornadoes did not cause any known damage.
Dell City Hudspeth Co.	22- 23		20	*20	0	0	6	6	Torrential rains, flooding Torrential rains estimated at 10 inches began about 9:30 p.m. on the 22nd and ended about noon on the 23rd. Flood waters swept through Dell City inundating about 90 percent of the town to an average depth of two feet. Fifty residences were flooded. Total
TEXAS (Cont'd.) Fort Worth Tarrant Co.	29	afternoon	?	?	0	0	?	0	Windstorm, 2 funnels aloft A windstorm damaged roofs and blew out a few windows in the Riverside-Halton City area in Northeast Fort Worth. The roof was ripped off the C. W. Colley grocery at 3400 Galvez in the Riverside section. The building housing the Treeman Industries Construction Company was also damaged. Two funnels aloft were sighted over the area.
Mineral Wells Falo Pinto Co.	30	evening	short narrow		0	1	?	0	Tornado, lightning A small tornado damaged the Texboro Cabinet Company and the Perry Equipment Company buildings near the Ft. Walters entrance at the northern edge of Mineral Wells. An 18-year old boy was injured slightly when lightning struck near him. He was hospitalized and released after treatment for burns.
UTAH Richfield	1	4 p.			0	1	0	0	Lightning A Richfield man was struck by lightning about 4 p. and temporarily stunned. The victim received several burns but injuries were not too serious.
Milford	19	after- noon			0	0	4	0	Wind Gusty winds up to 70 mph associated with thunderstorms hit Milford Airport during the afternoon. The winds blew a roof off the hangar and carried it onto the highway shearing off several power and telephone poles. Three light planes were destroyed. Estimated damage was over \$20,000.
Bear River Valley	29	evening			0	0	4	2	Wind Strong gusty winds swept across the Bear River Valley during a short 5 to 10 minute period about 6:45 p. Over \$8,000 damage to power lines were estimated as 10 poles snapped off a little above the ground. In addition, telephone lines were snapped, windows broke, roofs damaged, and trees and shrubs broken off.
VERMONT Springfield	11	About 3 p	1 or less narrow		0	0	4	0	Tornado Small tornado hit in Brookways Mills section, tearing a porch from a home, moving a barn from a foundation, felling trees etc. A porch light was torn off and blown more than 0.1 mile away, but was found unbroken.
East-central and southeastern	11	Afternoon			0	0	4	0	Lightning, wind, rain The Springfield area received the brunt of damage from washing and flooding rains, with local flooding of streets and cellars. Fallen trees caused utility failures in some communities. Lightning caused local damage, including fires set by strokes. Barns in both Grafton and Norwich were completely burned.
U.S. VIRGIN IS.									None reported
VIRGINIA Blackstone, Nottoway County	11	4:35 p.							Funnel Cloud Funnel cloud 1 mile south of airport at time of observation.
WASHINGTON WEST VIRGINIA Statewide									No report received by printing deadline 9 Afternoon and evening Lightning set fire to a barn 2 miles south of Brandywine, Pendleton County and destroyed 3000 bales of newly made hay and the barn. In Buckhannon a house chimney was damaged by lightning. At New Haven, Mason County, lightning started a fire in a barn which was completely destroyed. It also hit a man and numbed his hand as he attempted to turn off his TV set.
Arthurdale, Preston County	11	Evening			0	0	2	0	Tornado Residents were fortunate in that only minor property damage and no injuries occurred. Many trees were uprooted, electric lines torn down, windows broken and a motor boat was sunk.
Cucumber, McDowell County	17	2:00 a.m.			0	0	4	0	Thunderstorm rains A two-hour thunderstorm caused a huge rock and mud slide which caused extensive damage to ten homes, a service station, and several vehicles. Strip mining on the mountain above the town is believed responsible for the slide.
Rupert area, Greenbrier County	18	7:30 p.m.			0	0	3	0	Tornado A small tornado damaged several porches and twisted and tore down huge trees.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
WISCONSIN									
Minocqua 12W	6	7:50 p			0	3	3	0	Turbulence
									Small plane crashes near Minocqua after encountering severe turbulence in a thunderstorm.
Eau Claire	6	5:15			0	0	4	0	Wind
									High winds destroy warehouse under construction on north edge of city. Winds clocked at 90 mph.
Washington, Osaukee, Fond du Lac, Sheboygan, and Manitowoc Counties	8	11 - 12a	10	100	0	1	5	4	Tornado, Wind, Hail, Rain
									Small tornado dipped down about 5 miles east of Elkhardt Lake in Sheboygan County at 11:30 destroying several buildings and trailers and downing trees and power lines. Tornado moved NE-ward and out over Lake Michigan. A construction worker was injured at Lakeland College. Damage from wind, hail and rain occurred in neighboring counties.
Eau Claire 15E	10	1:45 p			0	0	0	0	Funnels (2)
LaCrosse 35SE	10	3:30 p			0	0	0	0	Funnel
Eau Claire	15	7:45 a			1	0	0	0	Lightning
									Eau Claire man, age 29, killed by lightning. Man was leaning on truck which was hit by lightning.
Sauk and Columbia Counties	15	1-2 p	35	200	0	1	5	5	Tornado, Hail
									Tornado dipped down 1-1/2 miles west of Hill Point and moved ENE-ward near Logansville, Rock Springs across the Wisconsin River to the area between Portage and Endeavor. Several farm buildings destroyed along the path. Large hail measuring up to 2" in diameter accompanied the storm doing damage to roofs, cars and crops.
Southern Counties	15	1 - 5 p			0	0	5	5	Funnels, Wind, Hail, Rain
									Funnels sighted near Mayville, Pewaukee, Hosendale and over Lake Winnebago. Scattered wind damage throughout southern and south-eastern counties. Also crop and property damage from large hail and driving rain.
WYOMING									
Glendo	2	Noon			0	0	4	C	Hail and Wind
									Storm located just south and west of Glendo shredded gardens, trees, wind blow over trees and a garage, and hail broke numerous windows.
Heart Mountain Area	4	Afternoon			0	0	4	C	Hail
									A hailstorm severely damaged 800 acres of sugar beets.
Sheridan 25 NW	5	2:45 p.			0	0	0	2	Hail
									3/4" hail fell, small damage to range.
Meriden	9	Evening			0	0	4	C	Heavy rain
									Heavy rains with some small hail did damage to crops and caused some flash flooding with small bridges destroyed.
Cheyenne	9	4:56 p.			0	0	2	C	Hail
									Three-quarter inch hail fell in eastern Cheyenne causing minor damage to trees, gardens and houses.
Newcastle 45 SW	11	4:45 p.	?	?	0	0	0	2	Tornado
									A small tornado moved across a forest fire, scattering the fire and causing additional fire fighting to be done. Damage was minor.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

* Miles instead of yards.

¹ Includes crop damage.

C Crop damage.

† 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 \$5,000,000
- 7 \$5,000,000 to \$50,000,000
- 8 \$50,000,000 to \$500,000,000
- 9 \$500,000,000 to \$5,000,000,000.

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. Delayed data and corrections will be carried in the June and December issues of this publication.

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