

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B. TROWBRIDGE, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

AUGUST 1967

Volume 9 No. 8



ASHEVILLE: 1967

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1967

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									
Catherine, Wilcox County	1	Afternoon			0	0	4	0	Wind
Winds with thunderstorm caused hangar to collapse with extensive damage to 2 aircraft, 2 automobiles and farm equipment. Power lines and poles in area also blown down.									
Gleburne County, Extreme Southern Calhoun County	23-24				0	0	5	5	Rain
Extensive flooding over all of Gleburne County with rainfall of 4 to 6 inches falling. Dams on several small lakes broke, roads damaged and several homes flooded. Expensive damage to corn crop in lowland areas. In Calhoun County flooding along Choccolocco Creek damaged numerous houses in Oxford area and forced evacuation of 150 families.									
ALASKA									
No report received by printing deadline									
ARIZONA									
Prescott (15 mi SE)	5	4:00 p.			0	0	0	0	Tornado
Funnel cloud touched ground briefly in open country.									
Tucson (near)	7	5:00 p.			0	0	4	0	Wind
Strong winds accompanying a thunderstorm damaged movie sets at Old Tucson in Tucson Mountain Park.									
Marble Canyon (near)	7	2:00 p.			0	0	4	0	Rain
Heavy rain from local thunderstorms damaged roads, culverts and parking areas in vicinity of Vermillion Cliffs.									
Ash Fork (10 mi N)	8	12:15 p.			0	0	0	0	Tornado
Pilot reported funnel cloud touching ground in uninhabited country.									
Graham and Greenlee County	12	All day			0	0	6	5	Rain
Heavy rain began late on the 11th and continued on the 12th on the headwaters of the Gila and San Francisco Rivers, causing flooding downstream. Floods damaged roads, utilities, homes and businesses. Many farms were inundated, with heavy damage to fields, irrigation canals and crops. Heaviest damage to both property and crops occurred in Graham County.									
Tucson	13	12:30 p.			0	0	4	0	Wind and rain
A thunderstorm caused wind damage to homes and businesses. Lesser damage by flooding.									
Lake Havasu City	14	5:00 p.			0	2	4	0	Wind
Strong winds caused severe damage to about 20 homes and disrupted utilities. Two men were injured when a house trailer overturned in the wind. Considerable property damage was also caused by wind in Wildcat.									
Flagstaff (26 mi SW)	16	2:00 p.			0	0	0	0	Hail
Hailstones 2 inches in diameter fell near Barney Pasture.									
Tempe	26	9:18 p.			0	2	2	0	Lightning
Lightning caused a high voltage line to drop on an automobile, injuring two occupants.									
ARKANSAS									
None reported									
CALIFORNIA									
None reported									
COLORADO									
Northeast Colorado	5	PM					4		Hail
Hail damaged crops in scattered local areas. Several hundred birds were reported killed, apparently by severe hail, north of Burlington. Sugar beets and other crops received light to heavy damage north of Ovid and south and west of Fort Morgan.									
Otero and Bent Counties	6	8 PM				3	4		Hail, Rain, Wind
Hail damaged crops in areas in the Cornelia and Horse Creek areas just west of Las Animas. Wind damaged some farm structures. Heavy rain delayed harvesting of crops over a large area along the Arkansas Valley. Wind and lightning damaged powerlines in the La Junta - Rocky Ford area.									
Delta County	7	9:30 PM					4	C	Rain, Hail
Heavy rain on slopes and mesas north of Paois caused local flooding and damage to houses and irrigation canals. Hail damaged orchards in the area. Heavy rains caused local light flooding as far west as Cedaredge.									
La Plata County	13	Afternoon					4	C	Hail, Rain
Hail damaged crops during a severe thunderstorm that struck an area 5 to 10 miles south of Durango. Heavy rain caused mud and rockslides that blocked highways.									
Larimer, Boulder, Jefferson Counties	18	Evening				3			Hail
Hail struck in scattered areas in a strip near the foothills. Hailstones 1-1/2 inches in diameter were reported near Fort Collins. Hail caused minor damage in sections of Boulder, and accumulated to a depth of 4 to 6 inches in an area southwest of Denver.									
Alamosa County	19	2:30 PM					4		Hail
Marble-sized hailstones accumulated to a four-inch depth and damaged grain, alfalfa, and potato crops in an area near Mosca.									
COLORADO (Cont'd)									
Conejos County	20	2:00 PM	8 mi	2 mi.				5	Hail
A 15-minute hailstorm caused severe damage to crops in an area about 15 miles southwest of Alamosa. Potato vines and ripe barley crops were destroyed. This was the second damaging hailstorm of the summer in an area that seldom experiences such storms.									
Jefferson County	27	4 PM			1	2			Lightning
A young woman was killed by lightning while horseback riding in a suburban area just west of Denver. Her horse died several hours after the incident. A young man and another young woman in the riding group were also knocked from their horses by the impact of the lightning and required hospitalization.									
CONNECTICUT									
None reported									
DELAWARE									
No report received by printing deadline									
FLORIDA									
Pensacola	1	noon			0	3	5	0	Thunderstorm
A violent thunderstorm accompanied by wind gusts of 50 miles per hour, 1/2 inch hail, and 1 1/2 inches of rain in 1/2 hour caused collapse of a 20 by 40 foot section of roof of the J. G. Penney store in Pensacola. Two employees and one customer were injured. Other damage consisting mostly of broken plate glass windows was centered along a line due north and south through Pensacola proper.									
Key West	1	12:31p.							Funnel aloft
Fort Myers	1	2:57p.							Waterspout
St. Petersburg	1	afternoon			0	2	0	0	Lightning
Two boys were knocked unconscious at the beach by a bolt of lightning which struck the ground near them. Both were revived by artificial respiration.									
Fort Pierce, St. Lucie County	1	4:15p.	short narrow		0	0	4	0	Tornado
Funnel cloud, observed by several eyewitnesses, dipped to the ground for a short distance. It picked up a small lawn mower repair shop, dropped it on a pick-up truck destroying both, and moved out to sea.									
Holley, Santa Rosa County	2	morning			0	1	4	0	Lightning
A woman, 8-months pregnant, was hospitalized after being knocked unconscious by lightning which struck her house. The house, valued at \$35,000 was destroyed by fire.									
Palm Beach	3	2:37p.							Funnel aloft
Plantation, Brevard County	5	12:30p.							Funnel aloft
Jacksonville	5	night			1	0	0	0	Lightning
Woman killed while taking clothes off of clothesline. Lightning struck tree to which line was secured.									
Key West	7	3:17p.							Funnel aloft
Titusville, Brevard County	8	3:00p.	short narrow		0	0	3	0	Tornado
Minor damage in Royal Oak and about 1 3/4 miles northwest.									
Bals, Hillsborough County	9	6:15p.							Funnel aloft (2)
Homestead, Dade County	11	8:24a.							Funnel aloft
Key West	11	9:56a.							Waterspout
Coconut, Brevard County	11	3:40p.							Funnel aloft
Miami	11	4:23p.							Funnel aloft
Key West	14	1:25-1:35p.							Waterspouts (3)
Lake Okechobee (east shore)	15	1:18p.							Funnel aloft
Tempe	16	6:03p.							Funnel aloft
Rockledge, Brevard County	17	9:00a.							Funnel aloft
Englewood, Sarasota County	18	4:00p.							Funnel aloft (3)
Mountaintown, Calhoun County	20	12:30p.			1	2	0	0	Lightning
One boy 14 killed and a man 50 and boy 13 injured when lightning struck a tree under which they had taken refuge while fishing on the Apalachicola River.									
Clewiston, Hendry County	23	1:30p.			1	0	0	0	Lightning
Man struck while driving tractor in a grazing pasture at Bishop Farm east of Clewiston.									

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS			
FLORIDA (Cont'd.)											
DeFuniak Springs, Walton County	25	2:30p.			0	0	4	0	Windstorm		
			High winds in the vicinity of Lake Stanley uprooted trees and unroofed barns. Several homes damaged by falling trees.								
Palm Beach	26	10:43a.							Waterspout		
Fort Landerdale	26	5:50p.							Funnel aloft		
Palm Beach	26	6:20p.							Funnel aloft		
Panama City, Bay County	27	5:02p.							Waterspout		
St. Petersburg	28	2:26p.							Funnel aloft		
Delray Beach, Palm Beach County	28	1:47p.							Waterspouts (2)		
Merritt Island, Brevard County	29	morning							Waterspout		
Key West	29	2:37p.							Funnel aloft		
Daytona Beach	30	7:40a.							Waterspout		
Miami	30	7:50a.							Waterspout		
Homestead, Dade County	30	12:09p.							Funnels aloft (2)		
Key West	31	4:10p.							Funnel aloft		
GEORGIA											
Warner Robbins	10	6:30 p	?	?	0	0	?	0	Tornado		
			Funnel cloud that touched down briefly reported by Air Force observer 3 miles SSW of Warner Robbins Air Force Base.								
Lovejoy, Clayton County	19	7:45 p	Short	Narrow	0	0	4	0	Tornado		
			A storm identified as a small tornado ripped through a trailer park, demolishing two mobile homes and damaging 9 others. No one was at home in any of the eight trailers that suffered major damage.								
Northeast	20-25				0	0	6	5	Rain		
			Extremely heavy rains over the mountain area of northeast Georgia caused extensive damage to roads, bridges, business and private property, bottom farm land and crops. Scores of bridges were washed out on secondary roads and most major highways were closed for varying periods of time because of washouts or landslides. Numerous homes and businesses along small streams were flooded and some were demolished by the rapidly moving water. Many fields of mature bottom land crops were destroyed or rendered useless. Counties suffering greatest damage were Lumpkin, Union, White, Habersham, Rabun and Towns. Rainfall totals over the six county area were over 10 inches with the greater part falling in 3 days. Helen, in White County, had a 6-day total of more than 18 inches and a 3-day total of more than 16 inches. Most of the northern third of the State had over 6 inches during the period.								
Brunswick, Near	31	1:27 p							Funnel Cloud		
			A funnel cloud was reported 2 miles south of the Glymco Naval Air Station. There was also an unconfirmed report of a waterspout 7 miles south of the station.								
HAWAII											
All Islands	8-10				0	0	4	0	Heavy Rain		
			Heavy rains from remnants of tropical storm caused numerous small landslides and minor flash flooding. The Hilo area of Hawaii had twelve inches of rain in 36 hours, and a house in Honolulu, Oahu was nearly totally destroyed by a mud and rockslide on the morning of the 9th.								
IDAHO											
Clark County	4-5						?	?	Hail		
			Storm night of 4th damaged hay, grain, peas and gardens in the Medicine Lodge area northwest of Dubois. Reports on damage to pea fields ranged from slight to 80%. Some grain damaged so badly it was salvaged as hay. Storm during day on 5th struck Dubois and Cameo Creek, stripping leaves from trees, shredding garden vegetation and stripping insulation from power lines.								
Bannock County	4						?		Rain		
			Flash flood on Indian Creek near Inkop washed out bridge, caused considerable personal property damage and piled up rocks and debris. A basement house was filled with mud and water.								
Madison County	4	5:30 p.	1 1/2	400 to 800			?	?	Hail and wind		
			Storm struck Plano area northwest of Rexburg. Considerable damage to grain and potatoes. Hail reported as marble-sized. Unofficial report of 2 1/2 inches rain. Several loafing sheds were blown down.								
Cassia County	12	12:30 a.					?		Wind		
			Two loafing sheds, 28 x 100 ft. and 26 x 70 ft., from adjacent farms were lifted from their foundations, carried 200 ft. or more over buildings and fences, and deposited in the same spot. A 2 x 4" board was driven through the body of a cow, one of 80 animals in the corral area where the sheds landed. Damage probably occurred about 12:30 a.m., but it was not discovered until daylight. Trees and debris were scattered throughout the area. Several campers were reported overturned.								
ILLINOIS											
Central & Northeast	3	10a-8p			0	0	0	0	Hail, funnel cloud wind, lightning		
			Severe thunderstorms central Illinois in late morning and early afternoon and northeastern portion in early evening. Roof and building damage by hail in isolated areas, up to 3" diameter in northwest Washington Co. Severe crop damage by hail in some central areas. Wind damage not extensive but lightning caused numerous power failures and some structural damage. Funnel clouds reported from St. Louis, Springfield and Chicago areas.								
St. Clair County	3	2:45p	1/2	20	0	0	0	0	Tornado		
			Several watched tornado gather debris from cornfield and strike St. Libory with only minor damage. WBAS, St. Louis.								
Lake Michigan	10	9:10a							Waterspouts		
			Two waterspouts sighted over Lake Michigan, 20 miles SE Midway.								
Northeast & Central	18	2p-6p			0	0	0	0	Hail, funnels, wind, lightning, heavy rain.		
			Hail 3/4" to 1" diameter damaged crops, mostly in central Illinois. Heavy rain caused local flooding and traffic tie-ups Chicago at evening rush hour. Intense local wind overturned and damaged several house trailers in Champaign Co. at 4:20p. Two trailers broke up beyond repair when rolled. Funnel clouds sighted near Chicago and Urbana.								
INDIANA											
Washington	1	E.S.T. Between 5:45 and 6:10 p.							Funnel cloud		
Terre Haute	3	3:47 p.							Funnel cloud		
South Bend	18	6:45 p.							Funnel cloud		
			Funnel cloud reported moving northeast over south side of city.								
South Bend	18	8:45 p.	?	?	0	0	3	3	Hail		
			Hail, the size of golf balls, and an inch of rain hit parts of the city.								
Michigan City	19	3:10 p.							Funnel cloud		
Upland	19	6:36 p.							Funnel cloud		
			State Police reported a funnel cloud moving northeast.								
Hartford City	19	7:55 and 8:05 p.							Funnel clouds (2)		
			City Police reported one funnel cloud about two miles north of Hartford City at 7:55 p. and another in the immediate vicinity of the city at 8:05 p.								
Elkhart County, 2 mi east of State Rd. 15 and US Rd. 20	26	1:20 p.			0	0	4	0	Lightning		
			Lightning and resulting fire destroyed a barn valued at \$15,000.								
Whiting	26	About 3:00 p.			1	1	0	0	Lightning		
			Lightning killed one person and injured another as several stood together on the beach near Ogden Dunes.								
IOWA											
Independence	6	6:00 p					4	4	Windstorm		
3N Clinton	6	6:35 p							Funnel cloud		
			2 funnels sighted.								
6SW Garrison	6	6:35 p							Funnel cloud		
25W Cedar Rapids	6	6:45 p							Funnel cloud		
			Moved southeast.								
Clinton and Jackson Counties	6	7:00 p					5	5	Hailstorm		
			Hail 2 inches diameter, also heavy rains, with flooding (15% damage) and windstorm (25% damage). Moderate damages at Clinton, Teeds Grove and Miles.								
N Jones County	6	7:04 p							Funnel cloud		
			Sighted between Anamosa and Monticello.								
8W Coralville	6	8:10 p							Funnel cloud		
Ely, Linn County	20	1:15 p					5	5	Windstorm		
			40% of damage by hail 10% from heavy rain.								
NE Emmet County	22	12:10 a					4	5	Hailstorm		
			Hail to 3 inches diameter at Armstrong.								
KANSAS											
Wichita	1-2	Night of 1-2			?	?	0	0	3	Hail	
			Few hail stones 1 3/4" diameter.								
North-central, southern and eastern portions	2-3	Evening of 2nd; night of 2-3					0	0	4	0	Wind, lightning, funnel aloft
			Scattered, mostly light damage was reported. Funnel aloft occurred 15 miles west of Bonner Springs about 5:00 p.								

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS		
KANSAS (Cont'd.)										
South-central, east-central portions	3	afternoon, evening			0	0	4	0		Wind, hail, 5 funnels aloft
										Wind damage occurred just south of Pratt and hail up to 1 3/4" diameter fell at Overland Park. Funnels aloft were reported as follows: near Emporia at 2:20 p., near Scranton at 2:37 p., 25 miles southwest of Harveyville at 2:50 p., 10 miles west of Andale at 2:55 p., and 35 to 40 miles west of Emporia at 3:15 p.
Central, southern, western portions	5-6	Eight of 5-6			0	0	5	4		Wind, lightning hail
										Hail damage was in Kearney and Finney Counties and wind damage occurred in Decatur, Finney and Greeley Counties. Lightning caused property and crop losses in widely scattered locations.
Haskell County	6	4:50 p.	5	?	0	0	4	0		Wind
										Damage occurred 11 miles north-northwest of Sublette.
Ellis County	7	Late afternoon or evening	?	?	0	0	4	4		Wind, hail
										Marble sized hail plus strong winds did considerable damage in and near Ellis.
Meade County	8-9	Night of 8-9	?	?	0	0	0	4		Hail
										Hail wiped out some maize and corn north and northwest of Meade. Damage was also reported in the Fowler area.
Western one-third of State	13	Evening	?	?	0	0	3	4		Wind, hail, lightning
										Lightning caused damage in Decatur County and wind damage occurred 2 miles west of Scott City. Considerable hail fell north and west of Lakin.
Southwestern portion	14-15	Evening of 14th, night of 14-15	?	?	0	0	0	4		Hail
										Hail, 3/4" diameter or less, occurred at scattered locations in Meade, Gray, and Finney counties.
Kearney County	15	Evening	?	?	0	0	0	4		Hail
										Hail covered the ground 15-16 miles north of Lakin, damaging crops in that area.
Gray County	18	About 6:00 p.	?	?	0	0	4	4		Hail
										Hail up to 2" in diameter fell in the area 5 miles east of Copeland.
Southeastern one-fourth	18-19	Evening of 18, night of 18-19	?	?	1	0	4	0		Lightning, funnel aloft
										Funnel aloft occurred 15 miles west of Iola at 5:49 p. Lightning killed a man near Ft. Scott and caused miscellaneous property damage over southeastern Kansas.
Lawrence, near	24	2:30 p.			0	0	4	0		Lightning
										House and contents destroyed by lightning-caused fire.
Augusta, near	29	About 4:00 p.	Short	Narrow	0	0	3	0		Tornado
										Tornado, moving southeast and verified by radar, was observed 4 miles north of Augusta.
Southeast, south-central portions	29	Afternoon, evening	?	?	0	0	4	0		Wind, lightning
										Most of the damage occurred in and near Augusta.
SPECIAL HAIL SUMMARY										
										Hail loss clearing house reports indicate hail was especially severe on these dates in the following counties:
										18 Gray
KENTUCKY										
South Central	1				0	0	0	6	C	Flooding, lightning, wind, hail
										Heavy rain ranging up to about 8 inches in a 24-hour period by the morning of the 1st in the upper reaches of the Green River resulted in the flooding of an estimated 10,000 acres of land, causing considerable damage in the Greensburg-Madfordville-Brownsville reach of the river with the heaviest loss in the Greensburg area. There was heavy crop damage, principally corn and tobacco, and extensive damage to highways, bridges, and river banks. There was some local damage due to lightning strikes, wind, and hail.
Graves County	3	7:30 p.								Funnel
										A funnel was reported (through State Police) to be 5 miles east of Mayfield moving toward the northeast.
West	8	p.			0	1	0	4	C	Wind, flooding, lightning
										High wind damaged several planes and blew down hundreds of trees in Marshall county; there was local wind damage in some other areas. In Henderson county, 4.05 inches of rain in one hour, between 2 and 3 p.m., flooded farm land, portions of some roads; a woman was injured when swept off her feet by a swift current of water across a roadway. There were several buildings burned at widely scattered locations, apparently set afire by lightning strikes.
LOUISIANA										
Lake Pontchartrain	9	11:07 a.m.								Waterspout
										Pilot report 10 miles northeast of Lakefront Airport.
Lake Pontchartrain	16	4:30 p.m.								Waterspout (2)
										Pilot report northeast of Moisant International Airport.
Calcasieu Parish	17	10:30 a.m.								Funnel cloud
										10 miles south of WBAS, Lake Charles
Caddo Parish	18	10:00 a.m.			0	1				Lightning
										Workman at Shreveport injured when nearby aluminum pole struck by lightning.
North Central and Northeast Divisions	18	Midday			0	0	3			Winds, rain
										Thunderstorms blew down trees 12 miles northeast of Monroe (Ouachita Parish) about 11:56 a.m.; several trees were uprooted, small buildings and air-conditioning towers blown down at Bastrop (Morehouse Parish) at 12:20 p.m.
Gulf of Mexico	21	12:20 - 12:30 p.m.								Waterspout
										Spout observed west-southwest of Boothville Weather Bureau Office.
Caddo Parish	21	Afternoon			0	3	3			Winds, rain
										Heavy rains were accompanied by wind gusts to 70 m.p.h., in the Shreveport area. Some high water, a few utility poles blown down, and some minor damage at Shreveport Municipal Airport. Injuries occurred about 4 p.m. when small plane attempting to land at Lucien Airport before storm crashed into high voltage line and flipped over into trees.
Lafayette Parish	22	2:40 p.m.								Funnel cloud
										Sighted near Lafayette Airport.
Jefferson Parish	24	Morning					3	0		Wind
										Strong wind gusts over 2-3 block square area in Metairie damaged shrubery and demolished carport roof.
St. Bernard Parish	24	8:40 a.m.								Funnel clouds (2)
										Two funnel clouds sighted in Chalmette.
Rapides Parish	25	2:10 - 2:20 p.m.								Funnel cloud
										Public report in Alexandria of tornado on ground toward Woodworth for 10 minutes, but State Police could find no damage for confirmation.
Lake Pontchartrain	25	4:15 p.m.								Waterspouts (2)
										Pilot report two waterspouts about 17 miles north of New Orleans International Airport.

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LOUISIANA (Cont'd.)									
South Central Division	25-27						4	0	Heavy rains
									Persistent rains, totaling up to 9.00 inches at Lafayette FAA, overtaxed drainage systems and flooded several subdivisions in Lafayette.
MAINE									
Kennebec County	19	P.M.			0	0	4	0	Lightning, wind, rain
									Thunderstorm squall left a wake of utility line failures. The associated heavy rain caused local washouts and minor flooding, especially in the Augusta area.
New Sharon	28	Evening	short	narrow	0	0	4	0	Wind
									Thunderstorm winds were described by a resident as "like a twister with the feeling of being in a vacuum." A silo was demolished, two autos damaged and many trees and limbs felled. Utility lines broken. Possibly the storm was a small tornado but confirmation is lacking.
State									SPECIAL SUMMARY As in July, August continued with a preponderance of days with fog. Transportation was hampered by heavy fog to an unusual extent.
MARYLAND									
									No report received by printing deadline
MASSACHUSETTS									
Southeastern	1	5-7 A.M.			0	0	4	0	Lightning, rain wind
									Lightning caused a massive power failure over the entire Cape Cod area at 5:46 A.M. A home in Duxbury was set ablaze by lightning. Locally heavy rain flooded streets. scattered damage by wind. Tree limbs broken.
Eastern	1	Evening			0	0	4	0	Lightning, hail
									Thunderstorms again in the evening caused scattered damage and utility failures. Lightning set a home afire in Rockland. Hail of 1/2 inch diameter fell at Littleton.
Coastal	6	Morning			0	0	4	0	Rain
									Locally heavy rains varying up to nearly 3.0 inches flooded streets, cellars, and even a few homes to the first floor level. Many autos stalled, some half-submerged. Greatest effect in Boston metropolitan area, where rain was heaviest from 7 to 8 A.M.
State									SPECIAL SUMMARY As in July, August continued with a preponderance of days with fog. Transportation was hampered by heavy fog to an unusual extent.
MICHIGAN									
Western Lower Peninsula	2	9-11 am			0	0	4	0	Lightning
									Lightning-started fire resulted in extensive damage to one home at Manistee and another near Fennville. In addition, there were several reports of minor damage due to lightning in this area.
DeWitt, Clinton County	3	Evening			0	0	5	0	Lightning
									Lightning-caused fire destroyed main warehouse of DeWitt Lumber Company. Damage estimated between \$50,000 and \$60,000.
Midland, Midland County	17	3:30pm			0	2	3	0	Thunderstorm - Wind
									High winds with thunderstorm collapsed two tents at the county fair grounds. One, a 30 X 60 foot tent injured two persons trapped under it when it fell. Scattered damage and downed trees were reported in the surrounding area.
Montcalm County	17-18	late pm early am			0	0	4	0	Lightning
									Two barns burned when struck by lightning. Total loss for one set at \$15,000 and included hay, two wagons, wheat, a pickup truck and various other farm equipment. Similar losses were reported from the second site but no total loss estimate was available.
MINNESOTA									
Claremont (near), Dodge County	1	3:30 p.			0	0	0	0	Tornado
									Tornado touched down in open country.
Rochester, Olmsted County	1	4:10 p.			0	0	4	?	Wind
									Gusts to 57 knots blew down tent at County Fair, added tree damage in south Rochester.
Washington County	1	7:40 p.							Funnel cloud
Duluth, St. Louis County	6	12 p.			0	0	4	0	Lightning
									Bolt hit house doing \$10,000 damage. Lightning also hit a power sub-station cutting services of 2 main feeders and blacking out several thousand homes.
Faribault, Rice County	6	3 p.			0	0	3	4	Wind and hail
									Severe in French Lake area.
Pierz, Morrison County	6	3:35 p.							Funnel cloud
Twin City area	6	afternoon			1	0	4	4	Wind, rain and hail
									Wind to 69 mph. Hail diameter 5/8 inch. Girl drowned when sucked into drainpipe of a storm-swollen creek. About 1,000 homes blacked out because of storm.
2 1/2 south Erdahl, Grant County	15	night			0	0	0	4	Hail
									Hail diameter to golf-ball size, severely damaged corn and soybean fields in 1 x 2 mile strip.
Anoka County	17	3:20 p.			0	0	?	?	Hail
									Hail diameter 2 1/2 inch.
New Ulm, Brown County	22	?			0	0	4	0	Lightning
									Destroyed a 40x80 foot barn.
St. Cloud, Stearns County	25	10:10 a.			0	0	?	?	Wind
									Gusts to 52 knots.
Eagle Bend, Todd County	25	12:30 p.			0	0	4	0	Lightning
									A number of strikes damaged a barn and house and killed livestock.
Renville and Brown Counties	25	9 p.			0	0	4	0	Lightning
									Struck power transformers in Buffalo Lake and Sleepy Eye.
MISSISSIPPI									
Lamar County	2	2:55 PM			0	0	4	0	Wind
									Lake Serene, U.S. 98 7 W Hattiesburg: Wind uprooted tree, knocked down sign and flying debris damaged 2 nearby parked cars. One automobile reported a total loss.
Stone County	2	3:00 PM			0	1	2	0	Lightning
									During thunderstorm lightning hit automobile on County road between Big Level and Wiggins. Front windshield shattered, back glass broke, all lights blown out, and battery cracked. Three occupants; woman driver in state of shock, otherwise no one was injured.
Hancock County	26	12:45 PM							Funnel Cloud Aloft
									Funnel cloud near Highway 90 over swamp for a few minutes. Area investigated but no evidence of funnel touching ground. Funnel was first sighted on remote control television NASA Test Facility. Radar hook echo 15 S Pigeysme (Lat 30.2 N, Long 89.7° W) reported by New Orleans as moving NNE about 18 mph.
Carroll to Issaquena Counties	27	12:28 PM to 2:30 PM							Funnel Cloud Aloft
									Numerous public reports of funnel clouds associated with line of showers and thunderstorms extending at 2:30 PM from near Winona to 20 NW Vicksburg. Line showing little movement. SHARKEY COUNTY: 12:28 PM Pilot reported funnel cloud aloft 4 S Rolling Fork. (Lat. 32.7° N, Long 90.9° W). YAZOO COUNTY: 1:00 PM - 1:30 PM. Holly Bluff cooperative observer reported funnel clouds in air, did not touch down, no damage.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
MISSISSIPPI (Cont'd.)	Month								Unusual Cold
State									Sustained cool periods during month resulted in some stations with an average monthly temperature of record or near record low values for August in each Division of the State. Additional details in "Climatological Data, Mississippi" August 1967 issue.
MISSOURI									
Marceline, Chariton County	2	3:30 PM							Tornado
									Touched down briefly.
Mexico, 6N, Audrain County	3	3:15 PM							Funnel Aloft
Columbia, 4N, Boone County	3	3:45 PM							Funnel Aloft
Farmington, St. Francois County	3	5:55 PM							Funnel Aloft
Shelby, Audrain, Montgomery, Boone, Gasconade, Jackson, Scotland and Chariton Counties	3	3:00 - 5:30 PM				3	3		Hail
									Golf ball size hail was reported in northeast Missouri, with heavy damage to crops.
Hurdland, SSE Knox County	18	2:20 PM							Tornado
									Witnesses saw funnel touch ground briefly as it moved southeastward.
Harrisonville, 4N to 3E, Cass County	18	5:30 PM		33			2		Tornado
									Tornado dipped intermittently from about 4 miles north of Harrisonville to 3 miles east of Harrisonville, destroying 1 barn and damaging crops.
MONTANA									
Northern Glacier, Toole, and Liberty Counties	6	Late Afternoon	150	45-9	0	0	4	6	Hail
									The storm formed in the St. Mary's-Two Medicine area of Glacier National Park and spread eastward to north of Chester, Liberty County. Two storms followed over this path one at about 4:30 P. M. and the other near 6:00 P. M. The greatest damage from the storm was in northern Toole County. Average size of hailstones 3/8 inch, largest baseball size.
NEBRASKA									
5 NW Beemer	1	3 p	2	Narrow	0	0	4	0	Tornado
									Destroyed buildings at several farmsteads.
3 W Bradshaw	2	4:30 p		Short Narrow	0	0	4	0	Damaging winds
									Destroyed large cattle shed.
Butler County	2	5p-5:30p	20	3*	0	0	5	6	Hail
									Severe hail storm moved northeastward along Rising City - David City - Bruno path. Stones mostly 1/2" to 3/4" diameter, but ranged up to 1 3/4". Accumulated to depth of 4" in center of path.
Sioux to Sheridan County	5	5p-8:30 p	100	3*	0	0	4	5	Hail
									Moved southeastward from 20N Harrison to near Ellisworth. Most damage to irrigated crops including sugar beets and to small grain in northern Box Butte County. Much of path over rangeland.
Near Creighton	14	4:30-5p	5	?	0	0	4	4	Hail
									Stones ranged up to 2" diameter.
Northeast Nebraska	16	Night	50	2*	0	0	4	5	Hail
									Scattered areas of 1 to 2 miles width and 2 to 3 miles length in Antelope, Knox, and Dixon Counties. Mostly small stones, but ranged up to 1 1/2 inches in Dixon County.
Near Brewster	23	5:30 p	?	?	0	0	4	4	Lightning, hail
									Lightning set several range fires. Elsewhere in vicinity hail damaged crops and buildings. Hail accumulated to depth of 4" north of town.
20 NW Atkinson	23	Afternoon	?	?	0	0	4	4	Hail
NEVADA									
Beatty and Lathrop Wells	30	afternoon			0	0	4	3	Thunderstorm and floods
									Heavy thunderstorm activity upstream produced serious flooding at Beatty and Lathrop Wells. A seven foot wall of water pushed down the Amargosa River through two trailer courts. Trailers, automobiles, and houses were demolished. Several miraculous rescues of occupants of trailers were made with no loss of life. Several horses were drowned.
NEW HAMPSHIRE									
Rampton Beach, Seabrook	19	1:30 P.M.	narrow	1 1/2	1	2	4	0	Wind, lightning
									Thunderstorm winds, possibly a tornado, cut a narrow path through Rampton Beach, demolishing a two-story house and a motel cabin, with two injuries. The death was from a boat capsized by the wind. Heavy rain and hail accompanied the storm. Lightning damaged a church steeple at nearby Seabrook. Heavy rains caused some local flooding in nearby areas.
Southeastern	19	P.M.			0	0	4	0	Lightning
									Lightning caused scattered utility failures and property damage. A large barn burned in Goffstown.
State									SPECIAL SUMMARY
									As in July, August continued with a preponderance of days with fog. Transportation was hampered by heavy fog to an unusual extent.
NEW JERSEY									
Central New Jersey	3	Afternoon			3		4		Heavy rain, wind, electrical.
									A boy was drowned when swept into a culvert and through an underground drain while walking home from a bus stop, in New Brunswick. A teen-ager was electrocuted in Long Branch when lightning struck a utility pole and knocked a high voltage line to the ground near the boy as he walked through a puddle of water. He was killed instantly. A maintenance man, attempting to secure a ship in Hoboken harbor during a thunderstorm, plunged to his death when a rope on his boatswain's chair gave way. There was considerable damage from flooding of streets, highways and cellars.
Middlesex and Somerset Counties	5	7 p.m.					3		Hail, high winds.
									Hail 3/4 inch in diameter was reported in the vicinity of South Plainfield. An unconfirmed tornado was reported in Bridgewater Township, Somerset County.
Blackwood, Camden County	10						4		Heavy rain.
									Heavy rains caused flooding in Blackwood, some 10 miles south-southeast of Camden, with flooding of Blackwood Lake. Considerable damage to cellars and streets in the community.
Middlesex and Somerset Counties	27				1		3		Heavy rain, electrical.
									Very heavy rains caused flooding of streets, highways and cellars. One man was struck by lightning while seated in his home in Metuchen. Numerous electrical power outages were reported, and several fires resulted from lightning strikes.
NEW MEXICO									
Curry County	4	3:16 p.-3:20 p.			0	0	0	0	Funnel aloft
									Stationary funnel aloft north of Clovis Airport, dissipated.
Sierra County	12	11:45 p.			0	0	5	4	Heavy rains
									Flash flood of Palomas Creek, near Truth or Consequences, with water rising as high as 15 feet. Up to 3 inches of rain by unofficial measurement. Losses to crops, stock, fences, equipment and irrigation systems, and by erosion. Total damage estimated at \$100,000.
Dona Ana County	15-16	Night			0	0	5	0	Heavy rains
									Damage mainly to roads and the irrigation channel from Caballo Dam to Las Cruces. Total damage estimated at \$170,000.
Curry County	23	2:00 p.			0	0	?	?	Hail
									Small hail followed by hail to 1-1/2 inch in diameter at Melrose. Damage to trees, gardens, roofs and windows in narrow area.
San Miguel	29	Afternoon							Funnel aloft
									Funnel aloft observed 25 miles east of Santa Fe, disappeared back into cloud.
NEW YORK									
Schoeyler and Chemung Counties	3	early a.m.					4		Lightning
									Lightning bolts during early morning thunderstorms fired a large dairy barn near Alty, Schoeyler County and another at Van Etten, Chemung County. Both structures were destroyed along with contents which included considerable hay, some grain, farm machinery and tools.
Staten Island	5	afternoon			1				Heavy rain
									Woman drowned in flooded backyard of home. Heavy, intense showers of up to 2 inches within a few hours caused widespread flooding within the City of New York. Rains accompanied by high winds with scattered damage to trees, limbs and power lines in City.
Lake Ontario	10	8 p.m.							Waterspout
									Pilot reported waterspout about 15 miles northeast of Rochester.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
NEW YORK (Cont'd.)									
Canandaigua, Ontario County	18	afternoon					4		Wind
									Strong, gusty winds caused extensive, local damage to trailers on commercial sales lot. Several units were overturned and variously damaged, one so badly as to collapse when was moved to upright position. One trailer blown across highway but remained on wheels and suffered very little damage.
New York City	27	3 p.m. to 11 p.m.			2		4		Heavy rain
									Intense thundershowers, occurring mainly between 2 p.m. and 6 p.m., caused flooding of streets, subways, expressways and other low lying areas of the metropolis. Subway service halted on some lines for several hours as highway traffic was slowed and commercial airlines delayed. Two men killed when, due to poor visibility, their light plane struck 544-foot radio tower in Pelham Park section of The Bronx; radio tower demolished.
Oxford, Chenango County	30	late p.m.				2			Lightning
									Small aircraft, apparently far off course, was struck by lightning during widespread thundershowers affecting central sections of State. Two occupants perished. Witness reported aircraft plunged from an estimated altitude of about 1000 feet.
NORTH CAROLINA									
Nash, Pender Counties	1	1 am, 5pm					4	4	Hail, Electrical
									Pre-dawn lightning set several fires in Nash County. Late afternoon hail struck tobacco crop in Pender.
Catawba, Madison, Mecklenburg, Yadkin Counties	3	11am-9pm					3	4	Hail, Electrical
									Late morning hail damaged tobacco in Madison and Yadkin Counties. Late afternoon lightning set fires and caused power failures in Catawba and Mecklenburg.
Caswell, Cleveland, Durham, Gaston, Guilford, Iredell, Madison, Mecklenburg, Rowan, Surry Counties	4	7 - 6pm					4	4	Electrical; Hail, Wind, Rain
									Thunderstorms scattered over a wide area caused numerous instances of minor damage, including fires, houses unroofed, flash flooding, and hail damage to crops.
Caswell, Davidson, Guilford, Rockingham, Vance, Warren, Wayne, Yadkin Counties	5	2 - 9pm					4	5	Electrical; Hail, Wind
									Widespread thundershowers caused light to heavy hail damage to crops and mostly minor wind and lightning damage to buildings many areas.
Carteret County	6	10:35am					0	0	Waterspout
									Reported seen offshore at Atlantic Beach.
Davidson, Duplin, Forsyth, Guilford Counties	7	5 - 10pm					5	5	Electrical; Hail, Wind, Rain
									Thunderstorms scattered over several areas caused heavy hail damage to tobacco crop; heavy rain with flash flooding of streets and storm sewers some areas; several cases of roofs blown off by wind. Lightning caused power failures, killed seven swine.
Alamance, Hoke, Rockingham, Wilson Counties	10	Aftn & evening					4	0	Electrical; Rain
									Lightning struck and burned a church in Hoke County. Several widely separated areas had heavy rains, causing local flash flooding of streets and storm sewers.
Alamance, Martin, Moore Counties	20	6 - 10pm					4	4	Electrical; Hail, Wind
									Lightning burned a home, damaged an office building. Wind and hail damaged crops, broke plate glass windows.
Hoke County	21	4:30pm					3	4	Hail, Wind
									Hail damaged tobacco crop over a 3 sq. mi. area. Trees blown down, slight damage to farm buildings.
Carteret, Cumberland, Rutherford, Wayne Counties	23	-			0	2	4	0	Electrical
									Lightning struck and injured two soldiers at Fort Bragg, damaged three homes in widely separated areas. Times unreported.
Mountains, Southern Piedmont, Northern Coastal Plain	20-25				1	0	5	6	Rain
									Daily heavy rains caused flash flooding of streams in several areas. Amounts up to six inches in 24 hours and eleven inches in six day period. Youth drowned in storm sewer in Charlotte. Heavy crop damage southern Mountains. Homes damaged by flood waters several areas.
NORTH DAKOTA									
Bottineau County	7	Evening	25	*1	0	0	4	5	Hail and damaging winds
									Brief, heavy thundershowers swept across the county. Winds destroyed 3 barns and damaged other buildings near Newburg. Crop losses ranged from 10% to 100% - 50% losses were common. Heaviest damage near Klamen and Newburg. A private citizen's wind gauge reportedly registered a peak speed of 95 m.p.h. Damage by winds 20% of total, hail 80%.
Ramsay, Nelson, and McIntosh Counties	13	Afternoon and evening	?	?	0	0	0	3	Hail
South of Beulah	15	12:28 a.			0	0	0	0	Funnel cloud
									Reported by State Highway Patrol.
South Central North Dakota	15	6:00 a.-11:00 p.	55	*45	0	0	3	5	Hail, excessive rain and damaging wind
									Thunderstorms accompanied by high winds, heavy rainfalls, and hail swept across Southern Burleigh, Southeastern Morton, Northeastern Sioux and Emmons Counties from about 6:00 a. to 11:00 p. Rainfall amounts as great as 7 1/2 inches were reported. Hail southeast of Linton was washed into piles 4 feet deep. Stones ranged from 3/4" to 1 1/2" diameter. 200 acres of pasture and crop land near Breiten destroyed by fire set by lightning. Heaviest damage by hail, rain and wind in Emmons County. Damage by hail 75% of total, wind 10%, lightning 15%.
Pollock	17	Evening	Short	Narrow	0	0	4	3	Tornado
									Destroyed a barn, metal grain bin, windmill, and damaged about 50 stacks of hay.
OHIO									
Northern and Eastern Ohio	2	5:00p-midnight							Rain, Wind, Hail, and Electrical
									Scattered severe thundershowers were reported over many northern and eastern communities. In Woodfield, a home and the grandstand at the Monroe County Fairgrounds were damaged by fire. A plate glass window was sucked out of a Woodfield store and shattered onto the sidewalk. At Sandusky, a 2 inch rain flooded many basements and streets. There were numerous reports of crops damaged by 1/2 to 3/4 inch hail in Erie, Henry, and Lucas Counties. Many other areas reported power outages, flooded basements, and downed trees.
Eastern Ohio	3	Afternoon -Evening						4	Wind, Electrical, and Rain
									Severe thundershowers skipped across many northeast and southeast communities. High winds combined with locally heavy rain and lightning caused relatively minor damage. Trees, telephone lines, and power lines were downed. Lightning struck several homes but destroyed none. Counties hardest hit were Ashtabula, Morgan, and Guernsey.
Paulding, Paulding County	3	10:20p							Funnel Aloft
									The Paulding County Sheriff sighted a funnel shaped cloud over Paulding. It was not observed reaching the ground.
Zanesville Area, Muskingum County	4	3:00p						?	Hail
									Three quarter inch hail fell at the Zanesville Airport during a brief thundershowers. No wind or rain damage was reported.
Canton Area, Stark County	30	6:35p					4	?	Wind and Hail
									A severe thundershowers struck a small section of North Canton and downed several trees, destroyed a garage and damaged another, and three homes lost patio roofs. All damage indicated a strong straight-line wind blowing from the west northwest to west southwest.
									Hail caused some crop damage in Henry County. No information available as to time or size of hailstones.
OKLAHOMA									
Miami, near, Ottawa County	3	About 7:00a.			0	0	4	0	Electrical
									A rural home located 10 miles southwest of Miami was struck by lightning and destroyed by fire.
Perry, near, Noble County	3	7:25a.			0	1	4	0	Electrical
									A bolt of lightning ignited a large hay barn 10 miles north of Perry and stunned the housewife who was standing near a power line pole in the yard at the time. The barn and its contents of 700 bales of hay were destroyed.

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.)									
Garber, near, Garfield County	6	6:30a.			0	0	4	0	Electrical
	Lightning struck two oil storage tanks 7 miles north of Garber. The tops of the tanks were blown off and oil was still burning five hours later.								
Beaver, Harper, Ellis, Woodward, and Woods Counties	8-9	6:00p. - 8th - 7:00a., 9th	85	40-30	0	0	3	5	Rain, wind, and hail
	A line of moderate to heavy thunderstorms moved slowly to the southeast across the area with most of the heavy rain occurring between 9:00 PM and midnight. Rainfall totaled from 3.27 inches at Gate to 4.20 inches at Beaver and up to 4.70 inches at Supply. Most locations received over 2.5 inches with unofficial reports of 5 inches of rain recorded in the southeastern part of Harper County and also in the Selmar area and just southwest of Fort Supply Reservoir. Many farm ponds were filled for the first time this summer while fields in the May-Fargo area were washed and fences damaged. Damaging hail stripped feed crops in the Kirby and Selmar areas with scattered hail of 3/4- to 1 1/2-inch size causing crop damage along a 1- by 4-mile path eastward from the north side of Rosston at 9:30 PM. Wind gusts in the Woodward area were estimated up to 55 MPH. High winds and driving hail occurred in the Capron community northeast of Alva between 3:00 AM and 4:00 AM and caused considerable roof and window damage. Much of the hail was up to 1 1/2-inch size.								
Thomas, Custer County	16	3:30p. - 5:00p.	1	1	0	0	1	1	Rain
	Locally heavy rain fell in the Thomas area. Official measurement of 3.06 inches was accompanied by unofficial reports of 4 inches. Flash flooding swept through low-lying areas and water stood more than 1 1/2 feet deep in some of the downtown sections.								
Waynoka, near, Woods County	16	5:04p.	Short	Narrow	0	0	3	0	Wind
	Locally strong straight winds unroofed a vacant farm home located 4 miles east and 1 mile south of Waynoka.								
Chickasha, Grady County	17	About 3:30p.	1	1	0	0	1	1	Rain
	A deluge of rain during a brief storm furnished an unofficial total of 3.85 inches in the business district. Flash flooding along Chickasha and Cheetaw Avenues kept water from store front to store front as it edged into a few of the stores. Police blocked traffic on Chickasha Avenue until the water receded into the gutters.								
OREGON									
Cascade Mountains	10-	Evening 11 and early morning			0	0	5	2	Lightning
	Storm preceded by several weeks hot, dry weather. More than 400 forest and grass fires started, largest of which covered nearly 500 acres before being controlled.								
Cascade, Ochoco and Blue Mountains and high plateau area of central Oregon	20-	Mostly 21 afternoons and evenings			0	3-4	5	3	Lightning
	No significant rain over State since June 22 with record breaking hot spell through most of August had created very dangerous fire weather. Widespread lightning storms touched off hundreds of range and forest fires. Nearly 2,000 fire fighters were in action at one time. Nearly a score of fires covered 50 acres or more and 2 reached 1,000-acre size, the largest of which covered approximately 10,000 acres before being controlled.								
Cascade mountains high plateau area of central Oregon	28-	Afternoon 29 and evenings			0	0	4	3	Lightning
	Continuation of hot dry weather posed ever existing forest fire threat. Quite severe lightning storms in the Cascades and central Oregon on the afternoons and evening of 28th and 29th started nearly 200 fires in forests and range land. Most of these were controlled before doing any extensive damage, a few reached 25-50 acre proportions.								
PACIFIC									
None Reported									
PENNSYLVANIA									
Allegheny/Washington Counties	2	evening					4		Thunderstorm
	A suburban Pittsburgh home was inflicted \$3500 damage and a Washington County barn and contents completely destroyed by lightning-sparked fires.								
Statewide	3	day-long			1	2	7	3	Thunderstorms
	Heavy showers and thunderstorms struck all sections of the Commonwealth as a squall line moved across the state. Associated lightning fired a number of structures, including barns, homes, and trailers, with damage estimated at \$100,000. A gateman at the Fayette County fair and a 15-year-old girl in a suburban Philadelphia apartment were burned slightly when								
PENNSYLVANIA (Cont'd.)									
	grazed by lightning. Accompanying hailstones, up to two inches in diameter, flattened a number of fields of alfalfa, tobacco, and corn in southeastern counties. Strong local winds unroofed several homes, toppled many trees, some onto autos, resulting in considerable damage. Several plate glass windows were broken by the wind in New Kensington, while some small boat docks were twisted and torn loose by the wind along the Allegheny River. Local flash flooding resulting from torrential downpours caused extensive damage in a number of areas, particularly in eastern sections of the state. In Milford a sudden rush of flood water moved parked autos up to 100 feet, damaging several of them. Newly laid roadbeds were also washed away in several places. Portland and Slatersford lost their water supply when a section of the water main was washed away. Many local creeks overflowed in the Allentown-Bethlehem-Easton area, causing widespread property damage including road washouts. Rising water of the Delaware River washed out construction work on a new dam at Wells Falls with loss estimated at \$100,000. In suburban Philadelphia numerous homes and a school were inundated and damaged by flood water. Homes in the Lebanon-Lititz area had more than six feet of water in basements. The Bangor area suffered the worst flood damage in its history. Estimated destruction in the business district was placed at \$2,000,000, primarily to merchandise, resulting from water which coursed several feet deep through the area. Nearly 40 families had to be evacuated from flood-marooned homes. One boy drowned when he was swept away by nearby flood-swollen Martins Creek. Textile mills in Pen Argyl and Wind Gap also sustained flood damage, primarily to merchandise, as a result of high water which reached depths of twelve feet in low-lying areas.								
Erie County	4	early morning						4	Hail and Wind
	A bumper grape crop was reduced to normal proportions by a freak hail and wind storm that destroyed 35 per cent of the crop.								
Greater Harrisburg Area	4	evening						4	Thunderstorm
	Basements, including one that housed a school library, suffered flood damage, and an estimated \$15,000 damage resulted when water flooded the basement of a model raceways center. Two bridges were swept away and another damaged by flood waters from a small stream.								
Southeastern Counties	4	early evening				3		5	Thunderstorm
	A man and two women were killed when their light plane was struck by lightning and crashed into the residential section of Lancaster. Lightning fired several homes in the area and an automobile dealer's garage in Paradise, with loss to the latter set at \$175,000. Flash flooding from heavy rainfall in the Lancaster area damaged a number of homes and contents along with several business establishments.								
York County	5	early morning						4	Thunderstorm
	A small handicrafts plant was fired by lightning, causing \$10,000 damage.								
Lehigh County	5	evening					2	2	Wind, Rain, Hail
	Strong winds uprooted trees while hail wiped out one farmer's entire crop of tomatoes.								
Susquehanna County	7	afternoon						3	Thunderstorm
	Lightning struck and killed ten head of cattle.								
Lock Haven	7	evening						4	Rain
	The foundations of two homes were washed out and valuable television repair equipment damaged when excessive rainfall produced minor flooding.								
Barks County	8	5:15 a.						4	Thunderstorm
	A storage barn near Robesonia burned to the ground after being fired by lightning, creating a loss of \$20,000. Lightning which struck a television antenna caused \$1000 damage to appliances, wiring, and walls in an Rt. Mt. Pleasant home. Floodwaters rose to six feet in a number of basements.								
Beaver County	9	8:00 p.						4	Lightning
	Lightning was responsible for a \$20,000 dry-cleaning establishment blaze in North Sewickley Township.								
Erie County	9	11:00 p.						3	Lightning
	Serious fire resulted from a lightning strike on a North East apartment.								
Hanover	9	night						2	Thunderstorm
	Lightning caused about \$500 damage to a bank of transformers and electrical panel boxes at a meat processing plant.								

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					KILLED	INJURED	PROPERTY	CROPS		
PENNSYLVANIA (Cont'd.)										
Lebanon County	9	9:00 p.						4		Thunderstorm
										A \$7000 barn was destroyed by a lightning fire and a \$19,000 fire company pumpier extensively damaged when returning from the same blaze as a rain-eroded driveway collapsed under its weight.
Easton	9	night						3		Wind
										Scattered damage to buildings, cars, and trees resulted when high winds hit a section north of Seltsville.
Warren	18	afternoon						4		Wind
										300 feet of dock was ripped apart and piled onto boats, sinking three, at the Wolf Run Marina on the Allegheny Reservoir.
Bradford County	20	afternoon			1	6	2			Lightning
										One man was killed and six others injured when lightning struck a power transformer and traveled along wires above the heads of a group of picnickers.
West Newton	25	evening						3		Thunderstorm
										Lightning fired and partially destroyed a motel.
Southeastern Counties	27	afternoon			2	4	4	2		Thunderstorm
										Two boys were drowned and a third critically injured when floodwaters swept them into rain-filled culverts in three separate incidences. Two men in the Quaker-town area sustained severe electric shock when lightning struck nearby. An Edgemont girl was burned when lightning entered the room in which she was standing. A fire started by lightning caused about \$20,000 damage to a suburban Philadelphia home. In Quaker-town violent winds uprooted large trees and ripped roofs from three buildings. Marble-sized hail did considerable damage to corn plantings.
Susquehanna County	27	night						6		Rain
										A rain-swollen Martins Creek rampaged through a small town and swept away at least five small bridges and archways in its path, while rain produced landslides that closed two highways. Hop Bottom was heaviest hit of the flooded areas, with a toll of 40 damaged homes, several automobiles, and roadways. Near the town, a trailer park was flooded and six mobile homes damaged. Comprehensive damage to area roads was estimated to run as high as \$500,000.
York County	27	night						4		Thunderstorm
										The weight of accumulated rainwater collapsed the flat roof of a downtown York building and ruined supplies in the interior for an estimated \$15,000 to \$20,000 damage.
Brave, Greens County	27	early afternoon						3		Tornado
										A small tornado touched down briefly in the town of Brave. Because of its brevity there was no path of destruction, although metal sheeting was torn from several house roofs along with spouting. Total damage was estimated at less than \$4000. It was observed as a white funnel.
Brookfield Twp., Mercer County	30	evening						3		Lightning
										Three cows died when the tree under which they were standing was struck by lightning.
PUERTO RICO										
			None reported							
RHODE ISLAND										
			None reported							
SOUTH CAROLINA										
Florence and Marion Counties	1-2				0	0	0	5		Hail
										Golfball sized hail damaged tobacco in fields.
Greenwood County	2				0	0	4	0		Lightning
										Three homes were damaged and one mobile home destroyed as a result of fires set by lightning.
York County	3	afternoon			0	0	4	2		Wind and hail
										Wind flattened large hen house, smashed dog kennels, ripped off awning and felled trees. Hail damaged soybean field. Auto destroyed by falling tree.
Anderson County	10	afternoon			0	0	4	0		Lightning
										Fire caused by lightning destroyed six-room house and contents.
Laurens County	11	afternoon			0	0	4	0		Lightning
										Fire caused by lightning destroyed a home and contents.
Lexington County	19	afternoon			0	0	4	0		Lightning
										Fire caused by lightning destroyed a home and its contents.
SOUTH CAROLINA (Cont'd.)										
Statewide	20-25				0	0	6	4		Rain
										General rains over a period of six days caused extensive flooding and damage over a large part of the State. Hardest hit was the north central part where rainfall amounts reached as high as 13.60 inches in the Catawba and upper Wateree River basins. Although flooding occurred on the Cooper, Santee, Edisto, Black, Pee Dee and Lumber Rivers, it was not extensive and little damage was done in the Coastal plain. Nearly all counties in the north central, northwest, west and central sections of the State experienced flooding from the Catawba-Watersee, the Broad, the Saluda and the Congaree River systems. The Saluda River is the farthest west and experienced the least serious flooding, reaching levels from 3 to 5 feet above flood stage at various points. Extensive flooding took place along the Broad River which lies to the east of the Saluda and it reached 13 feet above flood stage at one point. The Catawba-Watersee River, which is the farthest east, reached 10 feet above flood stage and did the most extensive damage. The Congaree, formed by the Saluda and Broad Rivers in the central part of the State and entered also by the Wateree 35 miles farther south, reached 5 feet above flood stage. Damage included washed out bridges, dams, roads and railroads. Water damaged houses and cottages and their contents, also horse trailers, marinas, stores and automobiles. Crops, fields and lawns were damaged. Some fowl and small animals were lost or drowned. This was the most serious flooding on the Broad and Congaree Rivers since 1964 and the worst on the Wateree since 1952.
Chester County	23	2:00 p.			1	0	3	0		Rain
										Railroad trestle at Lockhart was weakened by washout due to heavy rain and gave way under the weight of a locomotive. The fireman was killed and the engine damaged.
Horry County	31	11:53 a.								Waterspout
										A waterspout was sighted 16 miles east-northeast of Crescent Beach.
SOUTH DAKOTA										
Near Kimball	1	7:40 a.			0	0	4	0		Lightning
										Fire believed to have been started by lightning destroyed a machine shed, tractor and power tools.
Winner 18NE	7	9:30 p.	2	*1/4	0	0	4	0		Tornado
										Tornado moving from SW to NE destroyed a chicken house and damaged a barn. Power line poles were blown down.
Utica 2N	8	About 1:00 a.			0	0	4	0		Lightning
										Fire caused by lightning destroyed a house and its contents.
Near Bison	12	4:00-4:30 p.	4	1200	0	0	0	3		Hail
										Hail up to 3/4 inch covered ground up to 2 inches and caused some damage to crops. Storm moved from NW to SE.
Vermillion	16	10:50-10:55 p.	1/4	100	0	0	4	0		Tornado
										Four mobile homes destroyed and one damaged by tornado. Storm moved from NW to SE. Apparently tornado touched down, lifted and then touched down again.
White Butte-Glad Valley	17	5:00-6:30 p.	50	*2	0	0	0	5		Hail
										Hail from 1/2 to 3/4 inch covered ground up to 6 inches caused total crop destruction 1 mile wide along path and partial destruction of crops for 1/2 mile on either side.
Menno and Vicinity	17	4:00-4:15 p.	17	*2	0	0	5	5		Hail
										Hail averaging 2 inches with largest stones up to 4 inches covered the ground and caused extensive damage to crops, buildings, automobiles and livestock. Storm moved from SE to NW.
Wagner and Vicinity	17	4:30-5:10 p.	6	*3	0	0	0	4		Hail
										Hail averaged 1 inch with largest 3 1/2 inches caused spotty damage to crops in area.
Tyndall and Vicinity	17	5:00-6:00 p.	4 1/2	*2	0	0	3	4		Hail
										Hail averaging 1 inch destroyed crops in area and caused some damage to buildings.
Chester	23	About 6:00 a.			0	0	6	0		Lightning
										Fire believed to have been started by lightning destroyed the Chester school.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1967

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	
TENNESSEE Cocke County Chattanooga, Hamilton County Memphis, Shelby County Washington County Jackson, Madison County Middleton, Hardeman County Henry County Johnson County Smith County Union City Milan, Gibson County Hamilton, McMinn Counties	1	a.m.			0	0	4	?	Heavy rains, flooding
	2	2:00 p.			0	0	3	0	Thunderstorm
	2	p.m.			0	0	4	0	Heavy rain, lightning, flooding
	3	5:00 p.			0	0	4 ⁰	C	Heavy rain, lightning, hail
	3	8:15 p.			0	0	3	0	Lightning, wind
	3	9:20 p.							Funnel cloud
	3	10:12 p.			0	0	3	3	Thunderstorms
	3	p.m.			0	0	4 ⁰	C	Heavy rains, flooding
	4	10:00-11:00 p.			0	0	5 ⁰	C	Heavy rain, flooding
	8	a.m.			0	0	?	?	Windstorm
	25	p.m.			0	0	3	0	Heavy rain, flooding
	26	p.m.			0	0	4	0	Heavy rain, wind, flooding
TEXAS Near Alice, Jim Wells Co. 2W Alice, Jim Wells Co. Texas City, Galveston Co. Beaumont, Jefferson Co. 10N Kingsville, Nueces Co. San Benito, Cameron Co.	11	3:20 p-4:10 p	?	?	0	0	0	0	Tornado
	11	4:00 p-4:15 p	1/2	25	0	0	3	0	Tornado
	18	10:08 a-10:15 a	1/2	50	0	0	?	0	Tornado, funnel aloft
	18	11:33 a							Funnel aloft
	19	10:55 a							Funnel aloft
	20	5:00 p	5	*1	0	0	?	?	2 tornadoes
TEXAS (Cont'd.) 15W Waco, McLennan Co. Near Corpus Christi, Nueces Co. 10SW Kenedy, Karnes Co. UTAH Lumenburg VERMONT State U. S. VIRGIN IS. VIRGINIA Rockingham, County Richmond County to Mecklenburg County Fredericksburg area, Spotsylvania County Shenandoah County Campbell County Madisonville and Darlington Heights area, Charlotte and Prince Edward Counties Joliet Hollow area, Rockingham County Cedarville area, Warren County	21	3:45 p							Funnel aloft
	21	3:56 p							two waterspouts
	22	10:22 a							Funnel aloft
	10	Mid-day	short narrow	0	0	2	0		Wind, hail
	3	Evening			0	0	0	C	Wind
	4	Afternoon			0	2	4	0	Lightning, wind
	5	5:15 p.			0	3	4	0	Wind
	5	Evening			0	0	3	5	Hail, lightning, wind, rain
	5	Evening			0	0	4	4	Hail, lightning
	5	Evening			0	0	0	4	Hail, wind
	7	3:50 p.-4:30 p.			0	0	4	0	Lightning
	19	5:15 p.			0	3	4	0	Wind

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1967

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	
VIRGINIA (Cont'd)									
Pittsylvania County	24				0	0	0	4	C Flooding
					Low lands along Sandy River, Banister River, Pigg River, Cherry-stone Creek and Tomshaw Creek were flooded following heavy rains damaging secondary roads and fields of corn and tobacco. Rainfall measured 5.33 inches in 24 hours at Altavista where a spur railroad track washed out and other minor damage occurred.				
Cumberland County	25	3:55 p.							Funnel Cloud
					Funnel cloud aloft was reported 6 miles north of Farmville moving north.				
WASHINGTON									No report received by printing deadline
WEST VIRGINIA									
Near Shepherdstown, Jefferson County	3	?			0	0	3	0	Lightning
					Lightning fired a barn near Shepherdstown.				
White Ridge area, near Parsons, Tucker County	3	7 a.m.			1	0	0	0	Lightning
					A boy was struck and killed by lightning when attempting to bring his cows in. His body was found near an electric light pole on his farm home.				
WISCONSIN									
Polk, Barron, St. Croix, Dunn, Chippewa Counties	1	am			0	0	4	5	Wind, rain, hail, funnel
					Severe thunderstorms moving southeastward from the Minnesota border just north of Minneapolis to around the Eau Claire area. Large damaging hail fell in the Glenwood City area and just north and west of Deer Park. Downpours of 4" to 5" caused local flooding in the Bloomer area. Funnel aloft sighted near Bloomer.				
Western and Southern Counties	1-2	Evening and am			0	1	5	0	Wind
					A line of severe thunderstorms following a similar track to the storms 12 hours earlier entered Wisconsin just north of Minneapolis in the evening and moved southeastward to the southern counties by early morning. Winds gusted at 86 mph at Eau Claire.				
Chippewa County	1	4:55 p	3	100	0	0	5	0	Tornado
					Tornado moving southeastward destroys farm buildings on James Beal farm 3 miles southwest of New Auburn. A large barn near completion nearby was also destroyed. Lighter damage to other property and hundreds of trees down.				
Richland County	1	11:00 p	2	100	0	0	4	0	Tornado
					Dear Hines farm in Ithaca Township sustains \$15,000 damage from tornado moving southeastward. Nearby Neptune school slightly damaged.				
Dane County	2	2:00 a	1	100	2	5	4	0	Tornado
					Tornado moving southeastward dipped down on the north shore of Lake Mendota in Town of Westport about 100 yards inland destroying 3 cottages and damaging slightly several homes. The bodies of two women were found in the lake under the debris of their cottage. Five persons were injured. Tornado lifted over lake.				
Southern Counties	3	pm			0	0	4	5	Hail, wind
					Severe afternoon thunderstorms with locally damaging wind and hail damaged crops and caused severe lodging of small grain. Trees down in parts of Dane, Jefferson, Waukesha and other southern counties.				
Southwestern Counties	17	am			0	0	5	0	Lightning
					Lightning in early morning thunderstorms kills 37 cows in three different herds near Lancaster. A 60-foot chimney at Muscoda severely damaged. Barns burned near Reedsburg and Richland Center.				
North and Central Counties	17	pm			0	0	5	5	Wind, Hail Lightning
					Severe thunderstorms with strong winds and hail moved eastward across northern and central portions. Several barns and homes damaged around Amery in the west and Oconto in the east. Hail was reported in many parts of state. Lightning burned home near Dresser in Polk County.				
Entire State	26	am & pm			0	0	5	5	Wind, rain, hail
					Strong winds and heavy rain associated with low pressure system caused scattered damage throughout state. Several homes and cars damaged by falling trees. Boats and shoreline property damaged along Lake Michigan shores and on inland lakes. Some 3 to 4 inch rains in the north with strong winds and hail did scattered crop damage.				
Southeastern Counties	29	pm			0	0	5	4	Wind, rain, hail funnel, lightning
					Severe thunderstorms moving eastward across southern counties caused wind, rain and hail damage mainly in Racine area. A funnel aloft was sighted in this area. Lightning also blamed for fire which destroyed the Ivey home in town of Packwaukee near Montello. Workman fixing utility wires disrupted by storm electrocuted near Deforest in Dane county.				

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
WYOMING									
Sheridan 35 SSW	12	4:25 p.							Funnel aloft
					Public reported a funnel aloft.				
Cody	19	3:30 p.			0	4	2	0	Lightning
					Lightning struck very near four hikers on Targan Mountain, west of Cody, injuring the four, one seriously.				
Afton	30	Evening			0	1	0	0	Lightning
					Lightning injured a youth operating a tractor on a farm near Afton.				

- ° Includes crop damage.
- C Crop damage.
- * Miles instead of yards.
- † 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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