

U. S. DEPARTMENT OF COMMERCE  
JOHN T. CONNOR, *Secretary*  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
WEATHER BUREAU

# STORM DATA

AUGUST 1965  
Volume 7 No. 8



ASHEVILLE: 1965

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>ALABAMA</b>									
Mobile, Mobile County	9	1:55p			0	0			Waterspout
Waterspout observed over Mobile Bay from Brookley Field during thunderstorm.									
Dothan, Houston County	9	1:30-2:30p			0	1	4	0	Wind, rain
High winds felled trees, power and telephone lines, broke plate glass windows and damaged roofs. One person injured when tree fell on parked car. Heavy rain of more than 4 inches caused local flooding. Wind caused 75% of damage and rain 25%.									
Montgomery, Montgomery County	10	5:00p			0	0	4	0	Wind, rain
Winds estimated at 50 mph or more uprooted trees, knocked down power lines, caused minor damage to houses. Some local flooding from heavy rain. All damage due to wind.									
Franklin, Monroe County	18	2:00p			1	0			Lightning
Girl critically injured when struck by lightning at home.									
Decatur, Morgan County	28	4:00p			0	1	3	0	Wind
High wind snapped a large tree that crashed through roof of house injuring occupant. Several trees uprooted and other minor damage.									
<b>ALASKA</b>									
None reported									
<b>ARIZONA</b>									
Buckeye	13	6:00 p.			0	1	4	0	Wind
Strong winds associated with thunderstorm activity overturned several house trailers and damaged roofs, utilities and trees. One woman in overturned trailer injured.									
Harquahala Valley	16	7:00 p.			0	9	4	3	Wind
Wind overturned several trailers, one containing nine people all of whom sustained injuries. Additional property damage to utilities and roofs. Some crop damage in grape fields.									
Fort Huachuca	16	Evening			0	2	0	0	Lightning
Two National Guardsmen hospitalized by lightning strike while on field maneuvers.									
<b>ARKANSAS</b>									
Near Hot Springs - Garland County	18	6:00 p.			1	0	0	0	Lightning
Woman killed when struck by lightning while sitting under tree.									
Tucker - Jefferson County	19	Aft'noon			1	0	0	0	Lightning
Man killed by lightning while riding horse.									
Tupelo - Jackson County	23	5:20 p.			0	0	0	0	Funnel aloft.
Funnel observed for several minutes. Movement from southwest to northeast.									
Tontitown, Springdale area - Washington-Benton County border	27	1:15 p.			0	0	4	5	Hail, wind and electrical
Severe thunderstorm with heavy rain, high winds, lightning and hail. Hail, up to 1/2 inch, caused heavy damage to fruit crops. Lightning, wind and hail damage to farm building.									
Palestine - St. Francis County	27	2:30 p.			1	0	0	0	Lightning
Man killed by lightning while sitting under tree.									
Madison County	27	Aft'noon			0	1	0	0	Lightning
Man injured by lightning while fishing.									
Gentry - Benton County	27	Aft'noon			0	1	0	0	Lightning
Man injured when lightning struck tractor.									
<b>CALIFORNIA</b>									
Lake City	1	afternoon			0	2	4	4	Flash flood
Local heavy rains produced flash floods, damaging homes and farm buildings, and roads and vehicles, injuring two occupants of a stranded automobile.									
Most of State	10-11				0	2	5	6	Thundershowers
Unseasonable rains and lightning storms set numerous fires, damaged power lines and highways, and resulted in serious damage to ripening fruit crops. Two scouts were injured when struck by lightning during a camping trip.									
San Joaquin Valley, Sierras, Tehachapis, Coastal Mountains.	16				2	0	4	4	Thundershowers
Local heavy rains washed out roads and railroads and damaged crops. One person killed in Mendocino County and one in Needles when struck by lightning.									
<b>COLORADO</b>									
Eastern Colorado	18	Afternoon			0	0	*5	C	Heavy rain
Heavy rain in scattered areas of Eastern Colorado caused flooding of roads, streets and low-lying homes. An earth-filled by-pass was washed out on U.S. Highway 85-87 south of Walsenburg. The Purgatoire River through Trinidad, swelled by heavy rain, took out an approach to a bridge. Heavy rain along the Arkansas River caused flooding. A 1/2" rain northwest of Las Animas, washed out three crossings and damaged crops. An area south of Colorado Springs had road and bridge damage. Heavy rain in areas south and east of Denver caused some flooding in Littleton and Englewood. Clear Creek ran high and heavy rain in southwest Denver flooded intersections. Heavy rain about 4:00PM caused flooding of streets and some buildings in Longmont.									
<b>COLORADO (Cont'd.)</b>									
El Paso County	19	10:18AM			0	0	0	0	Funnel cloud
A funnel cloud was sighted 28 miles SSW of Colorado Springs.									
Eastern Colorado	19	Night & Evening			0	0	*4	C	Heavy rain
Heavy rain continuing from the 18th., and again on the evening of the 19th., swelled creeks and rivers to flood stage. Several roads were closed in various areas of Eastern Colorado. US 40 at Byers and Deer Trail, Colorado 86 east of Kiowa, Colorado 194 northwest of Las Animas, Colorado 96 east of Arlington and Colorado 101 south of Las Animas. Some low-lying crops were damaged.									
Fremont, Pueblo and El Paso Counties	21	Evening			0	3	*5	C	Heavy rain, hail and wind
Heavy rain, accompanied by hail in the Canon City area, put normally dry tributaries of the Arkansas River into flood stage, causing flash flooding along the river at Canon City and Florence, and Pueblo and beyond. Three people were injured when the car in which they were riding was washed off a highway east of Canon City. Hail stones up to one inch diameter were reported north of Florence. There was extensive damage to truck gardens, homes, highways and railroads, and some cattle were drowned. Heavy rains caused flash flooding north and south of Colorado Springs, damaging roads and bridges.									
Douglas County	22	3:15PM-3:30PM			0	0	0	0	Funnel cloud Possible tornado
A funnel cloud was sighted at 3:15PM, 12 miles south of Franktown (32 miles SSE of Denver). At 3:30PM, an unconfirmed tornado was reported to have touched ground 5 miles south of Franktown. No damage reported.									
Eastern Colorado	22	Evening			3	7	*5	C	Rain and hail
Heavy rain and hail hit scattered areas of Eastern Colorado. In northern Weld County, 3 to 8 inch rains put Crow, Willow, Geary and Pawnee Creeks in flood stage, damaging property and crops and closing roads. Around 5000 acres of sugar beets were damaged in central Weld County and western Morgan County. Two young boys were drowned when the car in which they were riding was swept from a Morgan County road by high water. A man was drowned when his car was washed into a flooded ditch just west of New Raymer. Heavy rain and hail over a large area from Castle Rock, Kiowa and Franktown to Lamar, caused damage from flooding. Three-fourths inch hail, completely covering the ground, was reported in the Lamar area. Golf-ball size hail accompanied by wind did much damage to roofs, windows, automobiles and vegetation in Pueblo.									
Logan County	23	6:30PM			0	0	*4	C	Hail, wind, and rain
A severe hail, wind, and rain storm damaged crops in the Sterling area. A number of trees were blown down in Sterling.									
Lamar	23	4:15PM			0	0	*4	C	Rain and hail
A four inch rain accompanied by golf-ball size hail in the Lamar area, isolated Lamar from the east for 18 hours due to crossings being washed out.									
Mesa County	30	5:00PM			2*	0	0	5	Hail
A local hailstorm moving north to south, went through an area 1 1/2 miles west of Palsabe and severely damaged the nearly ripe peach and pear crops. An estimated 100,000 bushels of fruit were lost. This was one of the worst hailstorms of record in this section of the valley.									
Lincoln and Cheyenne Counties	30	Evening			0	0	0	4	Hail and rain
Golf-ball size and larger hail damaged crops in the Kit Carson area, and in northern Lincoln County where the hail was accompanied by 2 1/2 inches of rain.									
<b>CONNECTICUT</b>									
Tolland, northern Middlesex and eastern Hartford Counties	19	Late PM			0	0	4	0	Rain, lightning
Extensive thunderstorm activity with heavy rains of 1 to 3 inches in short periods of 1/2 to 1 hour caused extensive flooding and local road washouts. Lightning knocked out power to 1450 homes, damaged several buildings and killed 4 cows.									
Somers, West Stafford, Tolland Co.	19	5:05 PM-5:30 PM	6	120	0	0	4	0	Tornado
Tornado moving from 1 mile south of Somers eastward to outskirts of West Hartford destroyed several farm buildings and some machinery.									
Fairfield, New Haven, western New London and southern Hartford Counties	28	3:00 AM-6:00 AM			0	0	5	0	Wind, lightning
Winds with gusts up to 70 mph accompanied violent thunderstorms in southern Conn., uprooted trees, downed power lines and smashed roofs and windows. Power was out to 43,000 homes, plate glass damage was especially heavy in Meriden and lightning set several fires, the largest of which extensively damaged a restaurant in Wolcott.									

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AUGUST 1965

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					KILLED	INURED	PROPERTY	CROPS								KILLED	INURED	PROPERTY	CROPS		
DELAWARE Selbyville	1	6:30-10:00PM			0	0	2	0		Heavy rain	FLORIDA (Cont'd.) Barrineson Park Escambia Co.	28	Afternoon			1	3			Lightning struck trees under which four boys were camping	
		Most of officially recorded minor flooding was reported.			5.14		inches of rain fell within 3 1/2 hours;				Key West Monroe Co.	28	4:25 pm							Funnel Clouds (2)	
Wilmington	8 and 13	Night			0	0	4	0		Lightning	Lake Harbor Palm Beach Co.	28	Afternoon			0	1			Lightning bolt struck residence and injured occupant	
		Lightning damaged at least 4 homes during scattered heavy thunderstorms. Again, on 13th at least 4 buildings were reported damaged by lightning.									St. Augustine St. Johns Co.	29	2:55 pm							Funnel Cloud	
FLORIDA											Key West Monroe Co.	29	5:58 pm							Funnel Cloud	
Mayport Duval Co.	1	8:12 am								Funnel Cloud	Tampa Hillsborough Co.	30	5:30 pm							Waterspout	
Cape Kennedy Brevard Co.	3	Afternoon			1	6				Lightning	Key West Monroe Co.	30	6:05 pm							Waterspouts (2)	
		Lightning struck crane operating in launching area at Cape.									St. Petersburg Pinellas Co.	31	2:50 pm							Waterspout	
Key West Monroe Co.	3	8:02 pm								Funnel Cloud	West Palm Beach 26W Palm Beach Co.	31	5:15 pm							Funnel Clouds (2)	
Valparaiso Okaloosa Co.	4	Afternoon								Waterspout	Englewood Sarasota Co.	31	Afternoon							Waterspout	
Brooksville Hernando Co.	5	4:49 pm								Funnel Cloud	GEORGIA Houston County	1	3:30 p	Short Narrow	0	0	3	0		Tornado	
Miami Dade Co.	5	6:00 am								Funnel Cloud									Small tornado touched down briefly in rural area, twisting off more than 100 trees.		
Pensacola Escambia Co.	5	10:20 am								Funnel Cloud	Dalton, Whitfield County	7	pm			0	1	3	0	Thunderstorm	
Panama City Bay Co.	9	6:45 am								Waterspout									A man was injured when lightning struck his home and trees, plate glass windows and other property were damaged by wind.		
Auburndale Polk Co.	10	3:22 pm								Funnel Cloud	Louisville, Jefferson County	8	pm			2	0	0	0	Thunderstorm	
Key West Monroe Co.	10	6:24 pm								Funnel Cloud									Two men were killed by lightning while standing under a metal shed on a golf course.		
Panama City Bay Co.	13	10:17 am								Funnel Cloud	Albany, Dougherty County	9	1:30 p	Short Narrow	0	0	4	0		Tornado	
Key West Monroe Co.	13	2:38 pm								Waterspout									The roof of an industrial plant was ripped off and utility lines were downed when the storm touched down briefly. Thunderstorm winds caused scattered damage in the Savannah area on the same afternoon.		
Mayport Duval Co.	15	Afternoon			0	3				Lightning	HAWAII								None reported		
		Fishermen taking refuge in small building on beach were stunned when building struck by lightning.									IDAHO North Central Prairie, 2 Central Mtns. and Southern Counties		Afternoon and early evening					4	4	Hail, wind and rain	
St. Petersburg Pinellas Co.	16	Morning			1	0				Lightning										Localized areas of damage from wind and heavy rain flooding in Clearwater County where basements flooded, trees down, buildings damaged and one fire set from lightning. Area north-south Canas Prairie into Twin Falls County hit heavy by hail, lightning and wind. Hail 6 inches deep in Hazelton area of Jerome County. Some 10,000 acres of crops damaged by wind and hail.	
Quincy Gadsden Co.	16	Afternoon			0	0	4	0		Wind											
		Strong winds destroyed large tobacco barn, uprooted trees and disrupted power and communications services.									South Central and Eastern Counties	3	4 to 7 p.					3	4	Hail and wind	
Valparaiso Okaloosa Co.	17	1:46 pm								Waterspout										Thunderstorms accompanied by lightning and hail, set fires, damaged crops, and one man was knocked unconscious by lightning while talking on a telephone in Rexburg. Two range fires were set in Canas County.	
Pensacola Escambia Co.	18	8:08 am								Waterspout	Magic Valley	10	7 to 9 p.					4		High winds	
Belle Glade Palm Beach Co.	18	1:15 pm								Funnel Cloud										A severe thunderstorm in the vicinity of Wendall brought high winds that uprooted trees, downed power poles, unroofed a building and broke out a plate glass window.	
Homestead Dade Co.	18	3:23 pm								Funnel Cloud	Jerome County	12	Afternoon					2	4	Hail, wind, and rain	
Panama City Bay Co.	18	Afternoon			1	3				Lightning										A thunderstorm accompanied by lightning, hail, and strong winds accounted for considerable damage in the Hazelton areas. Hay storage was struck by lightning and 14 power poles broken.	
Key West Monroe Co.	20	2:36 pm								Funnel Cloud	Northern Idaho, Shoshone and Benewah Counties	19	6 to 8 p.			1	3			Thunderstorm, wind and rain	
Fort Myers Lee Co.	21	3:39 pm								Funnel Clouds (2)										One death attributed to falling tree during storm. One home was struck by lightning and burned. A number of small forest fires were set and power lines down from wind.	
Naples Collier Co.	22	5:15 pm	Short Narrow		0	0				Hail	Magic Valley and Canas Prairie	20	Afternoon					3	5	Hail, wind, and rain	
Key West Monroe Co.	23	6:59 am								Funnel Cloud										Local thunderstorms developed during the afternoon in a number of localities in the Canas Prairie and Magic Valley. Some 12 miles north of Oakley hail beat to the ground approximately 700 acres of grain and 800 acres of potatoes. Damage to these crops alone was estimated at \$45,000. Near King Hill a camper was overturned by wind accounting for an estimated \$650 damage.	
Jacksonville Duval Co.	25	Afternoon			0	2				Lightning	Kootenai County	21	Afternoon			1	2	4			Hail and wind
Earlton Alachua Co.	25	5:20 pm								Funnel Cloud										Approximately 1,000 acres of small grain was beat to the ground by hail. A workman was blown from a bridge near Cour d'Alene. A number of small lightning fires were reported.	
South Bay Palm Beach Co.	26	Afternoon			0	1				Lightning											
Punta Gorda Charlotte Co.	28	2:46 pm								Funnel Cloud											

See reference notes at end of table

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS					
<b>IDAHO (Cont'd.)</b>										<b>IOWA (Cont'd.)</b>													
Sandpoint	22	5:00 p.			2				Lightning	Mt. Pleasant	25	6:00 p							Funnel aloft				
Two youths were killed by lightning while standing beneath a tree in the vicinity of Sandpoint.										Mediapolis	25	6:00 p								Funnel aloft			
<b>Southern Idaho, Magic Valley and Shoshone area</b>										New London	25	6:00 p								Funnel aloft			
Corn, hay, and small grains were severely damaged by hail and wind. Some 1,000 acres were affected.										Burlington	25	6:00 p					4	4		Hailstorm			
<b>Northern Idaho near Kellogg</b>										Danville	25	6:00 p	1/3	100			1	5	5	Tornado			
Hail damage followed by flash flooding damaged approximately 12,000 acres of small grain. Damage estimated from 5 to 70%.										Decorah	25	6:30 p							4	4	Hailstorm		
<b>Cassia County near Oakley</b>										Hailstones to 15 inches circumference.													
Strong winds and rain heavily damaged a strip some 1/2 mile wide and about 5 miles long. Beets and potatoes were the crops damaged.										Keswick	25	6:30 p							4	4	Lightning		
<b>ILLINOIS</b>										Mt. Union-Mediapolis	25	6:30 p							4	5	Hailstorm		
<b>Northwest Illinois</b>										Diameter to 4 inches. High winds 25% damage.													
3 evening										Ridgeway to near Ossian	25	7:00 p	15	150			1	5	4	Tornado			
Heavy thunderstorms along western border in early evening moved eastward. Official measurements of rainfall up to 4" and unofficial to more than 6". Hailstones measured to 1 1/4" diameter and variously described as size of golf balls and hen's eggs. Property damage mostly from local flooding, falling trees, and lightning. Hail major cause of crop damage and heavy in Knox, Mercer, Henry, Rock Island, and Henderson Cos.										Monona	25	7:15 p	5	100							5	5	Tornado
DuPage County										Over \$100,000 losses.													
8 12:18p										Plymouth County	26	7:15 a							4	5	Hailstorm		
Funnel cloud 5 SEW O'Hare Field. Several funnel clouds reported from greater Chicago area from 11:00 a.m. to 12:30 p.m.										About \$200,000 damage mostly from between Hinton and Kingsley to between Rensen and Kingsley.													
<b>Northeast Illinois</b>										Sac City	26	9:00 a									Funnel aloft		
19 aftn										Mt. Vernon	26	3:00 p									Funnel aloft		
Several funnel clouds sighted but no damage reported.										Boone	26	6:00 p					1	1		Hailstorm			
<b>Northern Illinois</b>										3/4 inch diameter, localized.													
26-27 7p-7a										Bankston, Dubuque County	26	6:45 p							4	4	Tornado		
Severe thunderstorms moved across northern half Illinois during night with heavy property and crop damage. Hail and heavy rain were frequent. Hail to 3" diameter at Morrison and 4" of rain at Pawpaw. Heavy damage from Freeport-Peju east and especially from Joliet through south Chicago suburbs where most of injuries occurred. Man killed in Jacksonville 27th when tree fell on car. Wind gusts to 90 mph reported at Joliet and 83 mph at Park Forest.										Dubuque	26	6:45 p							5	4			Hailstorm
South Cook County										8-15 inches circumference.													
26 11:10p										Collins, Story Co. into NW Jasper Co.	26	6:50 p	8	100			2	4	4	Tornado			
*Damage and injuries included above. Path extended across village of Olympia Fields from Governor's Highway at 204th Street to Greenwood Road at 205th Street. Movement from west-northwest to east-southeast. Parallel paths of lesser damage at short distances both north and south of this line. Numerous reports of funnels in Chicago area and some inclusive evidence that other damage here might be result of brief tornado touchdowns. Information largely from reports of Chicago WBFC.										Hail reported and 3 funnels sighted in vicinity.													
<b>INDIANA</b>										NW Dubuque County	26	6:55 p							4	4	Hailstorm		
See data at end of table										S of LaPorte City to Mt. Auburn													
<b>IOWA</b>										Moved southeast. Losses estimated \$1,500,000. Two funnels.													
Tipton	3	5:00 p						4	4	Hailstorm	St. Ansgar	26	7:00 p					4	4	Hailstorm			
Hail to 2 inches diameter.										Hail 3/4 inch diameter.													
Davenport	3	6:30 p			5	6				Thunderstorm	Waterloo and LaPorte City	26	7:10 p					4	4	Hailstorm			
Crop losses from flooding and hail estimated at \$1,000,000. Hail 1 inch diameter (10% losses). Hundreds driven from homes in lower Scott County by floods termed worse than early May 1965 floods.										*Damage and injuries included above. Path extended across village of Olympia Fields from Governor's Highway at 204th Street to Greenwood Road at 205th Street. Movement from west-northwest to east-southeast. Parallel paths of lesser damage at short distances both north and south of this line. Numerous reports of funnels in Chicago area and some inclusive evidence that other damage here might be result of brief tornado touchdowns. Information largely from reports of Chicago WBFC.													
Dubuque area	5	7:00 p			4	3				Hailstorm	Clinton	26	9:30 p					4	4	Windstorm			
Hail 3/4 inch diameter, about 75% property damage by windstorm.										Hail to 2 inches in diameter.													
Algona	7	1:18 p								Funnel aloft	Clinton	26	11:45 p					4	4	Hailstorm			
15 NW Mason City	7	2:20 p			4	4				Tornado	Farmington	27	12:30 a					4	4	Hailstorm			
Titonka	16	4:00 p			4	4				Hailstorm	Hail described as "flat as a hand and as large".												
SW of Waterloo	18	12:35 p								Funnel aloft	<b>KANSAS</b>												
Petersburg	18	5:10 p								Funnel aloft	Grant, Stevens, Haskell Counties	4	Evening	?	?	0	0	4	5	Hail, rain			
Central Benton County	25	4:40 p			4	4				Hailstorm	Hail up to 2 inches in diameter fell in the Ulysses, Hugoton, Setanta area. Hail was reported to be one foot deep in western Stevens County. Heavy rains inundated fields, washed out roads, and flooded some basements.												
1 1/2 inch diameter.										Jefferson County	6	Early morning					?	?	0	0	4	0	Wind
Danville	25	5:30 p			4	4				Hailstorm	Strong winds hit in an area 3 to 5 miles west of Valley Falls, damaging numerous buildings and other structures.												
Hail to 2 inches diameter.										Hamilton County	8	Afternoon					?	?	0	0	5	0	Wind
Lime Springs	25	5:45 p	5	100						Tornado	Gusty winds toppled a radio tower south of Syracuse.												
Moved southeast.										Grant County	8	Evening					?	?	0	0	4	4	Hail
Cascade	25	6:00 p			4	4				Hailstorm	Heavy hail fell in the area 13 miles north of Ulysses.												
Washington	25	6:00 p			4	4				Hailstorm	Ford County	9	7:44 p.					?	?			Hail	
Also wind damage.										Hail up to 1 inch in diameter fell in the Dodge City area.													
<b>See reference notes at end of table.</b>										Northeastern corner of State	17-18	Night of 17-18					?	?	0	0	4	4	Wind, lightning
										Wind caused damage in Wyandotte, Doniphan, and Brown Counties. A lightning-caused fire destroyed a barn and contents near Leavenworth.													
										Thomas County	17	1:45 p.					?	?	0	0	0	0	Tornado
										A tornado touched down briefly 5 miles west-southwest of Colby.													

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<b>KANSAS (Cont'd.)</b>									
Logan, Thomas Counties	17	Late afternoon	?	?	0	0	3	4	Wind, hail
									Ten miles south of Oakley hail, with an average diameter of 1 inch, fell in an area of 16 square miles. Hail and strong winds also caused damage south of Halford.
Ford County	19	1:43 p.							Funnel
									A funnel aloft was sighted 20 miles south of Dodge City moving northeast.
Cloud, Clay Counties	25	Evening	?	*2	0	0	3	3	Hail
									Hail with an average diameter of 1/4 inch and a few large stones up to 2-3/8 inches in diameter fell near Miltonville. Some hail also fell in the Clay Center area.
Jefferson, Atchison Counties	26	Late evening	?	?	0	0	2	0	Hail
									Hail up to 3/8 inch in diameter fell in the Hortonville-Atchison area.
Leavenworth County	27	Early morning							Funnel
									Funnel aloft sighted near Tonganoxie.
Wyandotte County	27	3:30 a.	Short	?	0	0	0	0	Tornado
									A tornado touched down very briefly about 5 miles southwest of Kansas City, Kansas.
Wyandotte, Leavenworth and Jefferson Counties	27	Early morning	?	?	0	0	3	0	Hail
									Hail up to 3/8 inch in diameter fell in the Kansas City area; stones up to 1/2 inch were reported over portions of Leavenworth County.
Decatur County	29	Evening	?	?	0	0	4	0	Wind
									Strong winds caused damage from Norcatur to Oberlin with the greatest damage at Norcatur.
Central Kansas	30	Afternoon	?	?	0	2	4	0	Wind, lightning
									Evening
									Wind caused damage at Lyons, Genesee, Little River, and Pratt. Lightning-caused fires destroyed a barn near Hutchinson and an oil tank battery near Iuka.
Jackson County	30	5:40 p.							Funnel
									Funnel aloft observed about 14 miles north of Topeka,
Coffey County	30	Evening	?	?	0	0	4	0	Wind, funnel aloft
									Strong winds destroyed a building in Burlington about 8:00 p. A funnel aloft was sighted south of Burlington.
<b>KENTUCKY</b>									
Owen County	22	7 p.						4	C
									Wind, hail, electrical
									Tobacco and other crops were damaged, trees were uprooted and many buildings were reported deroofed in the general area of Hesler, Greenup and Old Greenup road.
Pendleton County	27	7 p.						5	Hail
									A heavy hail storm, hailstones up to 1 inch in diameter, lasting 1/2 hour destroyed most of the tobacco still in the fields in an area centered over Palmouth and extending up and down the S. Licking River for a distance of 3 miles.
Pulaski County	27							4	C
									Hail damaged tobacco still in the fields and fire apparently set by lightning destroyed a barn.
<b>LOUISIANA</b>									
St. Mary Parish	6	Early Afternoon			0	1	0	0	Lightning
									Franklin: man working for railroad found unconscious on tracks near Chatsworth; lightning bolt had struck nearby.
St. Mary Parish	8	10:45 a.			0	0	4	0	Lightning
									Centerville: S. Sandidge Subdivision, lightning struck TV antenna, set house afire. Home and contents total loss.
De Soto Parish	8	Afternoon			0	1	0	0	Lightning
									Stonewall: man picking grapes hit by lightning; knocked unconscious for about 2-1/2 hours.
Lafayette Parish	16	4:38 p.							Funnel cloud aloft reported 10 WSW Lafayette.
Washington Parish	17	Morning			0	0	4	0	Hail, heavy rain
									Franklinton: local severe thunderstorm began about 7:30 a., rainfall over 5 in. by 11:30 a. Water damage heavy; some streets under 15-16 in. water several hours, many business places flooded up to 11 in. Hail about 10:00 a. partially covered ground; average diameter 1/2 in.; some up to 1-1/4 in. No hail damage reported. Number of trees blown down. Locations as near as about 10 miles to W reported no rain.
<b>LOUISIANA (Cont'd.)</b>									
East Baton Rouge Parish	18	Afternoon			0	0	3	0	Wind; heavy rain
									Local heavy thunderstorm; 6 in. rain reported south Baton Rouge; flooded several streets and at least one department store, reportedly crept into some houses. Winds had peak gust of 58 m.p.h. before 6:00 p.
Jefferson Davis Parish	22	Before 2:25 p.							Funnel cloud aloft
									Funnel cloud aloft observed near Roanoke (25 ENE Lake Charles).
Iberia Parish	27	11:40 a.							Waterspout
									Waterspout reported off Cypress Point (70 ESE Lake Charles).
<b>MAINE</b>									
Cape Elizabeth	4	2 PM			0	0	2	0	Dust Devil
									Windows broken by objects hurled by whirlwind.
Southwestern Portions	10	About 7 PM			0	0	4	2	Wind, lightning, hail
									Damage mostly by wind-felled trees. Some buildings damaged or buried by lightning. Hail in Augusta area reported up to one inch in diameter.
Bingham	16	12:30 PM			0	0	4	0	Wind
									Wind accompanying a thunderstorm demolished a large barn, felled trees, and damaged antennas. Minor damages and power failures elsewhere, in southern portion of state. Hail fell in some areas.
<b>MARYLAND</b>									
Near Centreville, Queen Anne's County	1	3:20 PM	1 1/2	100-300	0	0	4	1	Tornado
									Tornado touched down on a farm, destroying barn and several smaller sheds but leaving nearby farm house untouched. Some trees were uprooted or broken off and cornfields slightly damaged. Direction of movement from SSE.
Southern portion	1	Afternoon and Evening			0	0	4	0	C
									High winds, hail and heavy rain
									Severe thunderstorms gave locally heavy rain, especially on Eastern Shore where 4.75 inches fell in 90 minutes at Cambridge; other heavy amounts were reported at Salisbury and Federalsburg. Flooding occurred in low-lying areas. Near Clements in St. Marys County, a well-built barn and a dozen trees were knocked down and some 50 acres of tobacco was destroyed. Hail, as large as quarters in diameter, was reported. Charles County also had wind damage.
Northeast portion	4	Evening			2	0	5	0	Heavy rain, lightning
									Severe thunderstorms with locally heavy rain caused widespread flooding in eastern sections of Baltimore City and County. An unofficial rainfall total of 4.35 inches in 5 hours was reported at Edgewood. Two men were killed when their light plane crashed during the storm near Unionville, Frederick County. At least one fire, set by lightning, was reported.
Montgomery and Prince Georges Counties	8	8:00-9:00 PM			0	0	4	0	Lightning, high winds
									At least three houses were struck by lightning. About 50 power lines were knocked down.
East	18	Afternoon and Evening			0	0	4	0	Lightning, high winds
									Two barns in Charles County were destroyed by lightning, the one near Bel Alton and the other near Wicomico. Power lines were knocked down in Washington, D. C. Metropolitan area and also some small fires were set by lightning. Weather Bureau at National Airport reported gusts to 67 mph.
Ocean City	22	6:00 AM-1:00 PM			0	0	2	0	Heavy rain
									A 4.36-inch rainfall in a 7-hour period caused flooding in streets to depths up to 1 foot. Also some minor lightning damage was reported.
Statewide, especially St. Marys County	26	Afternoon and Evening			0	0	5	0	C
									High winds, hail, heavy rain, lightning
									Severe thunderstorms lashed Maryland and caused heavy damage estimated at \$100,000 in Mechanicsville-Charlotte Hall area where 11 to 14 barns containing at least some of this year's tobacco harvest were blown down, some others were damaged but remained standing and at least 75 acres of tobacco were totally destroyed while another 75 acres were partially damaged, trees were uprooted and signs were torn away. Patuxent River Naval Air Station recorded peak gust of 56 MPH and small hail; other reports of gusts 60-70 MPH in St. Marys County were received. Hail about 3/4 inch in size and wind gusts to 60 MPH was reported at Ft. Ritchie at about 2:30 PM. Hail was reported in other areas such as Frederick, Carroll, Howard and Montgomery Counties. Hail, to size of baseballs, was reported at Rockville but no damage was indicated. Heavy rainfall was reported by many stations, especially in Talbot County where amounts up to 6 inches were recorded; only minor flooding was reported. Damage from fires, set by lightning strikes, included \$6,000 to a barn near Mechanicsville and \$8,000 to a home at Wheaton.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

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	PROPERTY	CROPS	
<b>MASSACHUSETTS</b>											
Central and Western Portions	9	PM			0	0	4	0			Lightning
	Lightning damaged power transformers and set fire to several buildings. Greatest losses in Conn. River Valley. Heavy rains accompanying the storm caused local flooding of underpasses in some areas.										
Ipswich	10	5:30 PM	5		0	0	4	0			Tornado
	Damaging wind locally estimated in excess of 60 mph in path 5 miles long and about one mile wide east-southeastward through Ipswich to the ocean. Narrower tornado funnel apparently dipped at times to cause more concentrated damage. Many trees uprooted and limbs felled. Many boats damaged in harbor. One 800 lb. skiff lifted out of water. Some objects blown a half mile. Some debris blew westward; most went eastward. Damage from the accompanying lightning and from hail up to 3/4 inch diameter was minor.										
State	13-14	5 P.M.-1 A.M.			0	5	5	0			Lightning, Wind, Rain, Funnel Cloud
	Scattered thunderstorm activity began in afternoon in western portion and ended after midnight over Cape Cod. Lightning injured five campers at Truro, killed two cows at Old Deerfield, and caused much electrical and home damage. Wind felled trees and caused utility failures, most in the western portion. Local washouts from heavy rain were reported in western Massachusetts and from Truro to Wellfleet on Cape Cod. Rain yields highly variable. None at many stations but more than an inch at others nearby. Gages at North Truro and Uxbridge measured 2.13 and 2.39 inches, respectively. At North Truro at 11:30 P.M., noise believed to be a funnel aloft was heard.										
State	19	P.M.			0	0	5	0			Lightning, Rain, Wind
	Thunderstorms caused scattered damage, mostly in central and eastern portions. Lightning caused extreme damage to several buildings, with major losses at West Concord and New Braintree. Flash flooding damaged buildings and caused washouts in the Hudson area. Flooded underpasses in Wellesey blocked traffic. Wind damage comparatively minor. Car in Brighton was crushed by falling tree.										
State	28				1	3	5	4			Wind, Hail, Lightning, Tornado
	Damaging thunderstorms hit many sections. Early forenoon storms on Cape Cod caused minor power failures. In the afternoon local winds affected nearly all sections of state. Falling trees and limbs caused numerous utility failures. About 20,000 homes lost power in the Greater Boston area alone. A golf clubhouse was heavily damaged at East Longmeadow. Falling trees damaged homes and crushed autos. Two autos were thus damaged in Beverly. One death and three injuries occurred in two wind caused boating accidents, near Hull and Osterville. A concentrated path of damage in Rowley was suggestive of a tornado, but definite evidence is lacking. Hail fell in many localities. Flattened stones, up to two inches or more in diameter, fell in Dracut to almost completely ruin a large orchard's apple crop. At Georgetown hall of 1 1/2 inch size ruined gardens. Rowley reported 3/4 inch hail. Lightning damage relatively minor. Most of the damaging storms occurred between 4 and 7 P.M. Earlier, at about 1:10 P.M., a small tornado cut a two mile path eastward through the eastern section of Dracut. It felled trees and power lines and damaged homes and business places. It cut a 6-foot wide hole in 4 stone fence. Lesser wind damage was evident in a path about 1/2 mile wide. A funnel was observed.										
Eastern Portion	29	P.M.			0	0	4	0			Wind
	Wind from scattered thunderstorms felled trees and limbs in many sections, in some cases blowing down limbs cracked by the storm of the previous day. One home was badly damaged by a falling tree. Numerous communities had utility outages. Hail also fell in some areas, with no damage.										
<b>MICHIGAN</b>											
Mount Clemens	1	10:44 a.									Waterspout
	Water spout reported 13 miles southeast of Mt. Clemens.										
Southern and Central Lower Michigan	1	11:00 a., 5:00 p.						5		C	Thunderstorms with high winds, heavy rains, hail and lightning
	Lightning induced fires destroyed 2 large modern farm barns with contents of feed, and farm equipment. One destroyed barn was located near Marshall and the other one was near Bad Axe. Several homes and contents were damaged by lightning induced fires. Heavy rains flooded basements with resultant damage to homes, buildings and contents. Roads and streets were damaged due to flooding. Hail and high winds damaged crops in the Bad Axe area. Wind felled trees caused damage to houses and buildings.										
Kalamazoo	1	12:54 p.									Funnel aloft
	Funnel aloft reported 10 miles north of Kalamazoo.										
Barry County	1	1:48 p.									Funnels aloft
	Three funnels aloft reported in the Barry County area.										
Alpena	7	9:00 p.									Funnels aloft
	Two funnels aloft reported in the vicinity of Alpena.										
<b>MICHIGAN (Cont'd.)</b>											
All Lower Michigan	8	Noon, 9:00 p.						1	1	5	C
	Thunderstorms with high winds, lightning, hail and heavy rains. Numerous wind felled trees caused considerable damage to homes, cars, and buildings. Heavy glass window breakage reported due to the high winds. Billboards, commercial signs, and TV antennas were blown down by the high winds. Lightning induced fires caused considerable damage to several buildings, homes and contents. Hail and high winds damaged crops in Huron County. Power service was disrupted to hundreds of homes due to the thunderstorms. Heavy rains flooded streets, roads, and basements of houses and buildings with resultant damage reported. Man killed and girl injured when struck by lightning while fishing on Torch Lake in Antrim County.										
Southern Lower Michigan	16	1:00 p., 7:00 p.						1	3	5	
	Thunderstorms with high winds, lightning, hail, and heavy rains. High winds caused heavy damage to buildings under construction. Two workers were injured when high winds blew down new cement wall under construction. Houses, cars, and buildings were damaged when hit by wind felled trees. High winds felled numerous trees which blocked streets and roads. Structural damage to houses and buildings reported due to the high winds. TV antennas, signs, and billboards were blown down by the high winds. Lightning induced fires damaged houses, buildings, and contents. Heavy rains in excess of 2 inches flooded roads, streets, and basements of buildings and homes with heavy damage reported. Hangar at Wayland airport damaged by high winds. Two mobile homes destroyed by high winds at Union City. Power service was disrupted to hundreds of homes and buildings due to lightning strikes and high winds. Man at Eaton Rapids was killed by lightning strike while driving a tractor. Man injured when struck by lightning near Zeeland.										
Southwestern Lower Michigan	16	3:20 p., 3:59 p.									Funnels aloft
	Funnel aloft was reported at Sparta, Middleville, Marne, and the vicinity of Kalamazoo.										
Southern Lower Michigan	17	3:00 p., 9:00 p.								4	
	Thunderstorms with high winds, and heavy rains. Excessive rains caused considerable damage to streets, roads, basements of houses and buildings and contents. Homes, cars, and buildings were damaged by numerous wind felled trees. Streets and roads in some of the areas were blocked by the wind felled trees.										
Mottsville	25	2:22 p.									Funnel aloft
Southern Lower Michigan	26	12:30 a., 6:00 a.								5	C
	Thunderstorms with high winds, and lightning. Lightning induced fire caused estimated 50 thousand dollars damage to church in Lansing. Several other lightning induced fires damaged homes and buildings. Numerous homes, buildings and cars were damaged by wind felled trees. High winds caused considerable damage to new houses and buildings under construction. Power service was disrupted to hundreds of homes and buildings in the area due to the thunderstorms.										
Southwestern Lower Michigan	26	1:00 a., 4:00 a.									C
	Hail and high winds. Orchards were damaged by hail and high winds.										
Southern Lower Michigan	27	1:00 a., 7:00 a., 4:00 p., 11:00 p.							2	5	C
	Thunderstorms with lightning, high winds, hail and heavy rains. Falling wind felled trees caused considerable damage to homes, cars and buildings. Streets and roads were blocked by the storm felled trees in some areas. Numerous small boats on inland lakes were torn from their docks and damaged. TV antennas, commercial signs and billboards were blown down due to the high winds. Numerous windows blown in by high winds. Woman injured when wind felled tree struck her moving car near Benton Harbor. Hail and high winds damaged crops in Kent and Lenawee counties. Fruit crops in the area were damaged by hail and high winds. Heavy rains caused considerable flood damage to streets, roads, buildings and contents. Lightning induced fires destroyed 2 large barns with feed and equipment contents. Several homes and buildings were damaged by lightning induced fires. Woman injured when wind felled tree struck her moving car near Coldwater.										
Jackson	27	6:10 p.									Funnel aloft
	Funnel aloft reported 15 miles southwest of Jackson.										
Xpsilanti	27	7:15 p.									Funnel aloft
	Funnel aloft reported 5 miles north of Xpsilanti.										

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AUGUST 1965

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MINNESOTA</b>									
Central & Southcentral Minnesota	2	4:30-9:30p	200		0	0	4	6	Hail and wind.
									Damage occurred in strips along a nebulous line through 11 counties beginning in the county of Crow Wing to western Sherburne to Hennepin to Faribault. Hail reported to 3 inches in diameter and winds estimated to 75 mph. \$10,000 damage to new barn from wind at Rice, Benton County. Tens of thousands of crop acres flattened by heavy hail. Scattered reports of broken windows and other minor property damage along the way.
Mapleton (near), Blue Earth County	2	9:45p	short	?	0	0	4	2	Tornado and rain.
									Tornado moving from NE to SW did damage or area as it skirted the edge of the village. 2 farms and a commercial
Buckman (near), Morrison County	3	5:00p	short	12	0	0	4	0	Tornado
									Took the center out of a 36' x 70' barn and dropped it on a truck and tractor, demolishing both.
Pine Island, Goodhue County	3	5:22p							Funnel cloud
Cokato (near), Wright County	5	evening			0	0	0	4	Hail
									Insurance agency reported crop losses running from 13% to 49% on farms struck.
Kittson & Marshall Counties	5	evening			0	0	1	5	Hail and heavy rain
									Grain, potato, sunflower and corn fields severely damaged in much of Kittson plus north sections of Marshall County. Heaviest damage in Humboldt-Orleans area.
Oklee, Red Lake County	16	3:00p			0	0	4	4	Hail
									Hailstones 3/4 inches, destroyed crops in a section 4 miles long and 1/2 mile wide. Heavy damage to roofs in the village.
Shevlin, Clearwater County	16	6:31p							Funnel clouds (3)
Lancaster (near), Kittson County	16	7:30p			0	0	3	5	Hail and wind.
									Crops damaged on at least 20 farms in a swath 2 1/2 miles long. Many large trees uprooted.
West-central Minn.	24	Afternoon			0	0	3	5	Hail and wind
									Struck in isolated areas. Hail, diameter of oranges, reported near Browns Valley, Traverse County. A large section of north Chippewa County had severe crop damage.
Anndale, Wright County	25	11:00p			1	0	2	0	Lightning
									Man killed when lightning apparently came into house on a radio wire and jumped to an electric water pump.
Southeast and south-central Minnesota also Twin Cities area	25	3:00-5:30p			0	0	5	4	Hail and wind.
									Hailstones the size of golf balls and winds to 80 mph occurred in wide region. In south St. Paul hail dented cars and broke windows in several hundred homes. Jagged, sharp hail did extensive crop damage near LeViston, Winona County.
Caledonia (near), Houston County	25	6:00p	short	?	0	0	4	1	Tornado
									Did \$8,000 damage to buildings and equipment on a farm.
Morristown, Rice County	30	evening			0	0	4	0	Lightning
									Knocked out over one half telephone service and did other more minor damage.
<b>MISSISSIPPI</b>									
Harrison County	6	5:30 a.							Funnel cloud aloft
									Biloxi: sighted funnel cloud aloft.
Warren County	8	6:15 p.-6:30 p.			0	0	3	0	Thunderstorm, Funnel cloud aloft
									Large thunderstorm moved from W to E across SE Vicksburg; winds damaged area one mile by two miles; trees broken or twisted off 10-20 ft. above ground, left leaning in variable directions but pattern indicated circular winds; some houses suffered roof damage, few people reported hearing a roar. Wind recorder about 1/2 mi. SSW of heavier damage showed N wind about 20 m.p.h., shifting to E, then to N; two gusts 40 m.p.h. from N occurred within one minute of each other.
Hancock County	8	Daytime			0	1	0	0	Lightning
									Bay St. Louis: man knocked to the ground when lightning hit tree and traveled along attached clothesline close to where he was standing.
Noxubee County	12	5:03 p.							Funnel cloud aloft
									Funnel cloud aloft reported 28 SW Columbus Air Force Base.
Harrison County	13	7:18 a.							Funnel cloud aloft
									Biloxi: sighted funnel cloud aloft.
<b>MISSISSIPPI (Cont'd.)</b>									
Lamar County	19	1:45 p.-1:50 p.	1/2	100	0	0	2	0	Tornado
									Lumberton: thunderstorm moved from N to S. Funnel not seen, rainy conditions; man reported air filled with debris; vibration of warehouse type building intense, vertical metal panels ripped off walls and two closed large metal sliding doors, including track, ripped off. One door found about 1-1/2 blocks away. Number of trees uprooted, and some other damage.
Hinds and Rankin Counties	19	About 5:00 p.			0	0	0	0	Hail
									Hail ranging from 1/4 to 3/4-inch pelted large area of Jackson. Fairly heavy 3/4 in. hail reported to W of Thompson Field Airport; marble size hail in NE Jackson, where tree was blown down. Thunderstorm temporarily flooded streets and drain-off sewers.
Pike County	21	Afternoon			0	0	4	0	Lightning
									Lightning struck electrical wiring and set fire to barn on Highway 570 to E of Natchez. Barn and 7,000 bales of hay destroyed.
Holmes County	23	5:30 p.-6:00 p.			0	0	4	0	Lightning
									Residence heavily damaged by fire. Lexington Fire Department reported fire started in attic, presumed to have been caused by lightning striking television antenna.
<b>MISSOURI</b>									
St. Louis County	6	3:00-4:00 PM					1		Minor Thunderstorm
									A boy was killed when struck by lightning.
Marionville, Lawrence County	6	6:30 PM					1	3	Thunderstorm
									A concrete block building was heavily damaged by wind, injuring a boy who was in the building.
Eldon, Miller County	18	5:15 PM							Funnel Aloft
St. Louis, 18 NW	18	00:25 AM							Funnel Aloft
									Funnel sighted by crew of airliner 18 NW of Lambert Field.
St. Clair, Franklin County	18	3:15-3:30 PM	1/4	200			4		Tornado
									Funnel touched ground briefly at airport, damaging several planes and a hangar. One plane carried 100 feet in the air and deposited 200 yards away. Funnel was observed by witness.
Lone Jack-Pittsville Jackson County	21	5:00 PM							Funnel Aloft
Independence, Jackson County	26	early morning						3	Thunderstorm
									Hail 1 inch in diameter, with some lightning damage to homes.
St. Louis and St. Louis County	27	10:15-11:15 AM					2	5	Thunderstorms
									Widespread wind damage from wind, which hit gusts to 80 miles per hour. 10,000 homes without electricity for a time. One man blown from the porch of his home and knocked unconscious. A workman was injured when struck by a piece of plywood, carried by the wind.
Tarkio, Atchison County	30	3:00-4:00 PM					5	5	Thunderstorm
									Wind damage to farm buildings, power lines, and hail damage to corn. Winds estimated at 70 knots.
Kirkville, Adair County	30								Funnel Aloft
									Sighted SW of Kirkville.
<b>MONTANA</b>									
Scobey (5.5 miles North), Daniels County	5	4:00 P	?	?	0	0	0	0	Tornado
Amsterdam, Gallatin County	11	3:10 P	5-6	*2	0	0	0	4	Hail
									Average diameter of hailstones one-half inch, largest 1 1/2 inches.
Belgrade	22	12:00 P	2	1 1/2	0	0	0	4	Funnel Cloud, Rain, Hail
									Two small funnel clouds were observed east of the Gallatin County Airport, and a large one to the south. Hail piled up to 7 and 9 inch drifts on the air field, and up to 18 inches around some buildings in the area. Considerable hail damage to wheat, barley, and oats.
Big Timber (5 miles south)	22	Afternoon	?	?	0	0	0	0	Tornado
									Some trees were uprooted, but otherwise no damage.

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
MONTANA (Cont'd.) Laurel, Yellowstone County	22	2:00 P	10	*6	0	0	5	5			Heavy Rain and Hail
											Hail some stones up to 1 1/2 inches, caused heavy damage to crops. Heavy rain, about 2 1/2 inches over most of the area, resulted in heavy flooding in the town of Laurel and surrounding country side. The heavy runoff from the rain broke an irrigation ditch which added to the flood damage. Damage to real property, roads, ditches, fences, etc., was from flooding.
Conrad (15 miles East) Pondera County	22	1:10 P									Funnel Cloud
											A pilot sighted a funnel cloud which dissipated by 1:21 P.M.
West Central Dawson County	28	7:00 P	20	*3	0	0	4	4			Hail, and Wind
											Half of the crop damage was from wind. Hailstones were up to one inch diameter.
NEBRASKA Northeastern Nebraska	2	2 p - 6 p	50	30*	0	0	4	6			Hail
											Numerous strips of hail in Pierce, Wayne, Madison, Stanton and Colfax counties. Largest strip (20 miles x 2 miles) and most severe damage in eastern Pierce county. Individual storm cells moved southward. Stones mostly 1/2" diameter, some up to 1 3/4". Hail blown by high winds gave complete destruction of soybeans and small grains and severely damaged corn.
Northwest of Alliance	4	5 p	?	?	0	0	0	4			Hail
Hastings-Grand Island Area	5	9 p - 10p	?	?	0	0	0	4			Hail
Cheyenne County	23	4 p - 5 p	35	3*	0	0	4	5			Hail, damaging winds
											Storm moved from Dalton southeastward to Lodgepole. Sugar beets and corn suffered major damage from hail. Winds blew down trees, power lines, etc., and unroofed some buildings.
Near Scottsbluff	23	3:15 p			0	0	0	0			Funnel cloud
											Funnel cloud 23 miles southeast of Scottsbluff.
Gurley-Sidney Area	28	4:45 p - 6:00 p	?	?	1	0	0	4			Heavy rain
											Torrential rains resulted in flash flooding and crop erosion. Automobile swept off of county road, driver was drowned.
Grand Island	29	9:45 p	20	2*	0	0	4	4			Hail
											Hail in Grand Island-Central City area with damage to roofs, windows and crops. Stones up to 1 3/4" diameter were accompanied by high winds.
Near Weeping Water	30	Early Morning	Short Narrow		0	0	4	4			Hail, damaging winds
											Small area covered by high winds and severe hail. Buildings down, corn leveled.
18 SW North Platte	31	8:55 a	Spot	Spot	0	2	3	0			Lightning
											Two men rendered unconscious when lightning struck house.
NEVADA Elko County	14	Afternoon			0	0	4	3			Heavy thunderstorms and flash floods
											Heavy thunderstorm activity resulted in local flash flooding in the Elko and Carlin areas with damage to stores, streets, and homes. Considerable water and lightning damage was reported by the power and telephone companies.
Douglas, Ormsby, Storey and Washoe Counties	15 thru 18				5	2	4	3			Heavy rain and flooding
											A series of heavy thunderstorms during the period caused considerable damage to homes, farms, and businesses. Five people were killed including a young couple on their way to be married when a car hit a large boulder washed onto the highway by the storm and swerved to a head-on collision on the rain swept highway.
10 miles west of Mendocero, Nevada	18	night			0	0	4	3			Heavy rain and flooding
											Heavy rains caused a slide across the railroad right-of-way which derailed 21 cars of a Western Pacific Fruit Express. The rain softened roadbed was later washed out by flood waters. Damage in excess of \$305,000 was reported.
NEW HAMPSHIRE Groveton	10	1:30 PM	5		0	0	3	0			Wind, Hail
											Trees uprooted and roofs, chimneys, and antennas damaged. Utility service interrupted. Storm accompanied by hail of marble size. Damage suggestive of possible tornadoic activity but no funnel was reported.
NEW HAMPSHIRE (Cont'd.) Southeastern Portion	28	PM			0	0	4	4			Wind, Hail, Tornado, Funnel cloud
											Scattered damage from thundersqualls with several areas of major damage concentration. At about 5:10 P.M. a path of damaging wind, with hail up to 1 inch size passed through Milford. The path went east-southeastward from the Wilton town line through the center of Milford. Wind damaged roofs, windows, chimneys and antennas and caused utility failures. About forty large trees were uprooted and snapped off. Hail broke windows, pitted aluminum frames, and damaged apples. Another major damage concentration was the Derry-Londonderry area where large hail ruined thousands of bushels of apples. Wind felled numerous trees, causing utility failures. Falling trees damaged two buildings. In the Lee to Dover area many trees and limbs fell, with other wind damage. At Lee a falling tree crushed a police car. In this area, at 6:00 P.M., a funnel cloud was observed over Great Bay, near Durham. Durham, and the University of New Hampshire Campus, was littered by fallen limbs. At about 5:30 P.M. a tornado funnel was seen crossing the Merrimack River near the Litchfield-Rudson town line. It dipped down and cut a narrow swath through trees and field crops.
NEW JERSEY											None reported
NEW MEXICO Wolf Canyon, Sandoval County	1	5:00p.			0	0	?	?			Hail
											Hail to 3/4-inch diameter did some damage to oats and vegas.
Artes, Rio Arriba County	2	Afternoon			0	0	0	?			Hail
											Hail to golf ball size damaged some fruit and gardens.
Magdalena, Socorro County	2	1:00p.	Short Narrow		0	0	1	0			Tornado
											Small tornado, moving northeasterly, pulled out a few fence posts in a pasture about 10 miles west and 5 miles south of Magdalena.
Albuquerque, Bernalillo County	2	6:00p.			0	0	4	0			Wind
											Sudden gust of wind overturned house trailer and truck on highway; total loss to trailer.
Los Lunas, Valencia County	2	11:15p.			0	0	4	0			Wind, rain, hail
											School cafeteria roof collapsed; crops damaged by hail and water.
Artesia, Eddy County	3	2:30p.			0	0	3	0			Wind
											Delimiting plant and cotton trailers damaged; \$1500 damage to utility pole and transformers.
Las Vegas, San Miguel County	14	2:30p.			0	0	0	0			Hail
											Hail to 3/4-inch diameter.
Las Cruces, Dona Ana County	22	Evening			0	0	4	0			Heavy rain
											\$45,000 damage to roads from flash flood.
Fort Union National Monument, San Miguel County	23	5:00p.			0	0	0	0			Hail
											Hail to 1-inch diameter.
Ruconcarl, Quay County	31	6:30p.			0	0	?	?			Hail
											Hail to 1-inch diameter damaged some property and crops.
NEW YORK Forestport, Onseida County	2	5:30 p.m.	1/8	200			3				Tornado
											Twister verified by experienced observer as occurring in a forested area of the town of Forestport, northeastern Onseida County, or about 7 miles east of Bonville. Damage covered about one acre of a 35-year old scotch pine plantation with near total destruction of trees up to 15-inch diameter. Pattern of a vortex clearly evident with damage heaviest near periphery of an oval-shaped area. Funnel cloud seen by witness at time of storm. Tornado moved from southwest to northeast.
Suffolk County	2	early a.m. to early p.m.					4	4			Heavy rain
											Heavy rain of 4.0 to 5.6 inches in the Brookhaven-Riverhead areas of eastern Long Island caused local flooding of highways, parking areas, basements, stranding of cars and sinking of several small pleasure boats at shore marinas. Many acres of corn and truck crops flooded with some permanent loss due to being "drowned out".
St. Lawrence, Cham- plain and Mohawk Val- leys	5-7	p.m. to p.m.			1	0	5	5			Hail, electrical, wind
											Persistence of hot, humid air mass produced damaging hail and electrical storms in northern and east central areas on one or both dates. Hail of golf ball-size caused extensive damage to apple orchards and corn crop on 6th at Chazy, Clinton County and locally to 300-acre farm of grain, truck crops and fruit at Maria-ville, Schenectady County on the 7th. One home each in Franklin

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
NEW YORK (Cont'd.) St. Lawrence, Champlain and Mohawk Valleys (Cont'd.)									and Albany Counties as well as barn and contents in Jefferson County destroyed by lightning-caused fires. Men killed at Canton by stepping on live wire downed with pole by winds. Total of 12 head of milk cows killed by lightning in separate incidents in Franklin and Clinton Counties. Utility lines, trees and limbs downed in many areas of northern New York.	
Southeast	8-9	p.m. to p.m.			1	1	5		Heavy rain, electrical	
Machias, Cattaraugus County	17	4:15 p.m.	1	300			3°	0	Tornado	
Central and East Central	18	early a.m.					4		Electrical, wind	
Lake Erie	19								Waterspout	
Southeast	28	afternoon					5		Wind, hail	
NORTH CAROLINA Durham, Edgecombe, Granville, Halifax, Nash, Pitt, Wake, Warren, Wilson Counties	1	2-5 pm					4	4	Hail, rain	
Person, Rockingham, Wake Counties	4	2-4 pm					0	5	Hail	
Madison County	6	5 pm					0	4	Hail	
Davidson County	8	aftn			0	2	0	0	Electrical	
Stokes County	14	aftn					0	4	Hail	
Mountains, Southwestern Piedmont	16	2-5 pm					4	5	Hail, electrical, wind	
Mountains, South and Central Piedmont, Southern Coastal Plain	17	aftn			1	0	5	5	Electrical, hail wind, rain	
Mountains, Western Piedmont	18	aftn					5	5	Electrical, hail, wind, rain	
Northern and Western Piedmont	19	aftn					4	5	Electrical, wind, hail	
McDowell, Graham Counties	20	2-4 pm					0	4	Hail	
Henderson, Mecklenburg, Rockingham Counties	21	2-6 pm					4	0	Electrical	
									Lightning struck several homes, destroyed at least one.	
NORTH CAROLINA (Cont'd.) Lenoir, Madison, Wilkes Counties	22	aftn						4	0	Electrical
Alamance, Gaston, Mecklenburg, Surry, Yadkin Counties	23	3-6 pm						4	4	Electrical, rain, hail
Southern and Western Piedmont	24	late aftn			0	1	4	3	Electrical, rain, wind	
Watauga County	27	6 pm						0	4	Hail
NORTH DAKOTA Eddy and Foster County	1	7:00 pm	3						Hail	
Bottineau County	1	11:00 pm	15				2	4	Hail	
Foster and Wells County	2	6:00 pm	5	1000			4	4	Hail	
Cass and Trail County	2	evening	5						Hail, funnel cloud	
Bottineau County	5								Heavy rain	
Stutsman County	5								Heavy rain	
Almont	6								Heavy rain	
Bottineau County	12	evening							Heavy rain	
Kenmare 35 S	12	evening							Tornado	
Lisbon 4 SW	14	3:00 am					4		Lightning and thunderstorm	
Central and Western McEnaney County	15	7:00 pm							Hail	
Sargent County	24	6:00 pm	7						Hail	
Enderlin 5 SW	24	7:05 pm	6	110			4	3	Tornado, hail, heavy rain	
Hankinson 5 SW	26	2:45 pm							Funnel cloud	
Sargent County	26	afternoon							Hail	
Stutsman County	29						4		Hail and wind storm	
Sargent and LaHore County	31								Hail	
OHIO Euclid	6	4:30 PM							Large Hail	
Stryker	25	4:25 PM	2	1/4	0	5	0	0	C Tornado	

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

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 (Cont'd.) Stryker (Cont'd.)									
Mansfield	25	6:00 PM	1	Narrow	0	0	0%	C	Tornado
									A small tornado developed out of a heavy thunderstorm, striking near the intersection of Ohio Route 13 and Interstate 71. When it first struck it leveled a barn, 4 outbuildings, and a church addition. Lifting momentarily, it came to ground a mile east, taking the roof off a house, and cutting a swath through a grove of trees.
OKLAHOMA Fort Cobb Dam area, Caddo County	6	1:10p.- 1:30p.	2	*1	0	0	3	3	Wind, rain, and hail
									The severe thunderstorm hit just south of Fort Cobb Dam and moved northeastward across about 10 farms damaging cotton and peanuts. Unofficial rainfall reports varied from 3.3 to 5.0 inches, while hail up to 1-inch size was scattered along the path and caused total loss on 25 acres of cotton. Damaging wind also demolished a house trailer and a barn.
Oklahoma County	6	1:30p.- 3:00p.	40	*15	0	1	4	0	Rain, wind, hail, and electrical
									Strong thunderstorms moved eastward across the area with torrential rains of 2 to 4 inches deluging Oklahoma City. Totals of 4.20 inches were recorded at Lake Overholser and 2.57 inches at Tinker Air Force Base. Heaviest amounts fell in the northwest part of the City with flash flooding reported along Deep Fork Creek downstream from Will Rogers Park. Unofficial total of 3.57 inches reported in Warr Acres. Winds gusted to 53 MPH at the Oklahoma City Weather Bureau Airport Station, while unofficial estimates of 80 MPH in the City crumbled a 150-foot retaining wall in the 6200 block N. Barnes, knocked down another retaining wall in the 1400 block Dorchester Dr., blew over two brick walls of a second story addition being constructed at N.W. 50th and Shartel, and toppled about 8,000 concrete blocks of 20-foot high wall at a new shopping center under construction at N.E. 23rd and Spencer Rd. Scattered hail falling over the area varied from 3/4-inch size at Tinker Air Force Base about 2:37 PM with wind gusts up to 51 MPH up to 1 1/2-inch size hail reported near N.W. 10th and Meridian. Lightning struck a parked plane at Will Rogers World Airport and injured a cargo-loader when he was knocked 10 feet and to the ground.
Altus Lake, near, Kiowa County	6	About 2:50p.							Funnel aloft
									A funnel aloft was sighted moving northeastward by local residents in the vicinity of Granite.
Letitia, near, Comanche County	6	5:00p.	3/4	Narrow	0	0	3	0	Tornado
									A small tornado is believed to have touched down 2.1 miles north of Letitia and moved northeastward across SH 55. It twisted off 5 telephone poles and lifted a parked automobile with 3 occupants into the air so that it entangled the telephone lines before it came to rest on its top.
El Reno, Canadian County	7	2:00a.	1/2	400	0	0	3	0	Hail
									Hail up to 3/4-inch size fell and covered about 7% of the ground in the south part of the City.
Beckham County	7	6:00p.- 7:30p.	35	*2-3	0	0	4	5	Hail
									Hailstorm damaged cotton and property as it swept from Sweetwater through Sayre and on to the southeast corner of the County. Hail at Sayre covered about 10% of the ground with stones varying from 1/2- to 1-inch size and a few up to 2-inch size.
Hennessey, Kingfisher County	7	6:00p.- 7:30p.	?	?	0	0	0	0	Hail
									The north side of Hennessey received a few hail up to 1.5-inch size.
Rogers and Mayes Counties	7	6:30p.- 7:30p.	10	*6	0	0	0	0	Hail
									Hail path extended southeast from Chelsea and covered the ground in places. Stones averaged 1-inch size with a few flat disks measuring up to 2 1/2 inches in diameter. No damage reported.
Canadian and Oklahoma Counties	7	8:42p.	?	?	0	0	0	0	Hail
									Scattered hailstorms moving eastward pelted the Edmond area with hail up to 1.3-inch size, while hail varying from 1/2- to 1.0-inch size covered up to 25% of the ground in the Mustang area. No damage reported.
S.E. Oklahoma City, Cleveland County	9	4:45p.	?	?	0	0	0	0	Hail
									A few hail up to 1-inch size fell in the SE part of Oklahoma City just to the southeast of Moore.
Geary area, Elaine County and Canadian County	10	12:30a.- 1:00a.	10	*1	0	0	4	0	Hail
OKLAHOMA (Cont'd.)									
Kiowa County	10	2:30a.	23	*12	0	0	?	?	Hail and wind
									A damaging hailstorm pelted the Geary area from 5 miles west-northwest of the City to 4 miles southeast of the City. Stones averaged near 2-inch size with a few up to 3-inch size and covered about 10% of the ground. Greatest damage to roofs, cars, and neon signs. No crop damage reported.
Thomas, near, Custer County	10	8:00a. and Afternoon	?	?	0	2	4	0	Electrical
									Scattered hailstorms in the County were heaviest in a 7-farm area just south of Babbs where stones up to 1.3-inch size covered about half of the ground. It stripped cotton, knocked out screens and windows on the east side of buildings and limbs off trees as the storm moved eastward. Five farms just north of Roosevelt also received hail damage. Strong winds at Lone Wolf blew down an old abandoned cotton gin building and caused window damage while residents northwest of town received some hail damage. Severe hail was also indicated to have fallen in the Gotebo area.
Two persons were slightly injured in a dairy barn 2 miles south of Thomas when it was struck by early-morning lightning. The fired barn included loss of milking equipment and 1500 bales of hay. A second barn was similarly destroyed southeast of Thomas during the afternoon.									
Cordell, Washita County	10	1:30p.- 2:00p.	?	?	0	0	0	0	Hail
									Hail varying from 1/2- to 1-inch size fell in the City.
Western Half of Jefferson County	17	4:00a.- 11:00a.	15	*25	0	0	?	?	Rain
									Heavy rainfall totaled 3.86 inches at Waurika while heaviest unofficial amounts of 4.6 to 5.5 inches recorded in the southern part near Terral and south of Claypool. Local flooding occurred near Terral where most intense rain of 3 inches fell in about 45 minutes at midmorning.
Kingfisher County	18	Early Evening	25	*30	0	1	4	0	Wind and electrical
									Strong thunderstorm winds downed many limbs and 9 poles across the County causing outages to about 200 families mainly in the Dover area. A trailer home was blown over at Hennessey where one of four occupants was injured. Wind also buckled an empty 10,000 bushel grain tank, shifted it on its base, and the roof was blown loose. Extensive lightning caused structural damage to 4 Hennessey homes with other scattered losses. Wind loss 65% of \$20,000 total, electrical 35%.
Cleveland County	19	8:00p.- Midnight	6	*4	0	0	4	0	Rain and electrical
									Locally heavy rains produced unofficial totals of 3.3 to 4.9 inches in Moore and the extreme north side of Norman causing flash flooding of numerous streets and intersections. Lightning caused a barn fire at the southeast edge of Oklahoma City and a 4-bedroom brick home northeast of Norman proper was believed to have also been fired by lightning. All loss from electrical.
Carnegie, Caddo County	20	About 3:00p.	1/2	100	0	0	4	0	Wind
									High wind across the town knocked down walls of a church under construction on the north side, turned over a trailer home, unroofed the community sale barn on SH 9 east of Carnegie, and demolished a dog kennel killing several animals.
Omaha, near, Kingfisher County	20	6:30p.- 6:45p.	4	100	0	0	3	0	Tornado
									A well observed tornado touched down near the Altona Community just 4 miles south of Omaha. Only one building and a farm butane tank were damaged as it moved very slowly to the southeast across open land. The tornado was also observed by an airline pilot at 6:30p.
Carmen, near, Alfalfa County	20	8:30p.					?	?	Funnel aloft
									One funnel aloft was observed to the southwest of Carmen. It was not sighted on the ground at any time even though some wind damage was reported at 2 farms.
Tablequah, Cherokee County	22	3:15p.- 4:00p.	2	*1	0	0	4	0	Wind, hail, and electrical
									An intense thunderstorm lashed the City with damaging wind and hail ranging up to 1-inch size. One airplane hangar was demolished and a good many huge trees were toppled, some of them smashing roofs and automobiles. Lightning damaged many trees, killed three white-face heifers, and burned out several television sets and other electrical equipment.
Ardmore, Carter County	22	6:20p.	**200	50	0	0	4	0	Wind
									A very intense thunderstorm moving across the City produced damaging downdraft winds in the north part. Violent winds caused extensive damage to the roof of a drive-in restaurant and blew away a large awning. The debris littered a lot immediately to the south while the largest part of the roof was thrown through a barn to the southwest. Several vehicles near the barn were damaged,

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.) Ardmore(Cont'd.)									while the awning almost out the top off a pickup parked inside. A large trailer park sign was damaged and one trailer home blown off its blocks.
Ponca City, Kay County	27	Afternoon			0	1	0	0	Electrical
Tulsa, Tulsa County	27	4:00p.-6:00p.	13	*2	0	2	5	0	Wind and electrical
									A heavy squall line moving southeastward across the area at 35 MPH contained strong thunderstorms. Strong winds and lightning damaged an estimated 200 homes and businesses along a 2-mile wide path extending from near 52nd St. and Peoria Avenue in South Tulsa to the vicinity of Broken Arrow. Winds up to 43 MPH were recorded at Tulsa International Airport. Violent downdraft winds in the south part of Tulsa smashed numerous windows injuring 2 boys, demolished 2 homes under construction, knocked over fences and retaining walls, toppled a trailer home, uprooted some trees, and knocked down power and telephone lines. Wind damage in the Broken Arrow area included downed trees and signs, a demolished trailer home and considerable loss of roof from the new Oak Crest School. Lightning-set fires damaged several homes and burned one barn.
Sapulpa, Creek County	27	About 5:00p.			0	1	0	0	Electrical
									A young boy was injured by lightning while he was outside locking the padlock on a garage door. Lightning hit the padlock running down his arms and legs and into the ground, and he was knocked to the ground stunned.
Oklahoma City, Oklahoma County	31	1:45p.-2:00p.	1	100	0	0	0	0	1 Tornado and 1 funnel aloft
									Two funnels aloft let down close to the ground at the Quail Creek Golf Course along the south shore of Lake Hefner in the northwest part of the City. The smaller funnel then retreated back into the clouds while the larger funnel became a tornado as it touched the ground near the number 16 hole and then moved out across the lake to the northeast. The tornado was then watched for more than 5 minutes as it churned the lake water, lifting it up into the clouds. The tornado then lifted back into the clouds near the east shore.
Chickasha area, Grady County	31	2:00p.	3	200	0	0	4	0	Wind
									Heavy thunderstorms moving 30 MPH across the City produced high winds and a wall of rain which caused localized damage in two 2-block areas. General damage occurred to trees, power lines, and out-buildings as the storm slammed through a 17-block area on the south side of Chickasha. The storm moved northeast and next caused heavy damage at a trailer plant 3 miles east of town where heavy sheet metal roofing was blown into surrounding buildings and three automobiles were damaged.
Oklahoma City - Moore, Oklahoma and Cleveland Counties	31	2:15p.-2:32p.	10	50	0	0	4	0	2 Tornadoes and wind
									Two large storm cells converged east of Will Rogers World Airport which formed a rotating cloud. The cell then moved southeast with a funnel aloft forming near SW 80th and May Avenue. The tornado remained 50 to 150 feet above the ground as it moved from the northwest corner of Moore across the City and two miles beyond the east limit at SW 134th and Sunnylane Avenue. This weak tornado was on the ground several times and considerable debris and dust was drawn aloft. The funnel raised back into the clouds after it hit into trees along a creek bed in the south-central limit of Oklahoma City. A second tornado was sighted by Moore Police in the vicinity of the South Canadian River and South May Avenue in Oklahoma City. It appeared to be on the ground for a few minutes about 2:20p. and was moving mostly south. No tornado damage was reported but high winds in Midwest City did collapse an oil derrick and lift the top off of a 500,000 gallon water tower tank in the Hoffman addition.
OREGON									
Northern half of Oregon	1-2	Afternoons and evenings			0	2-3	4	4	Lightning, Heavy Rain
									Lightning storm across northern half of state, accompanied in small local areas by very heavy rains, caused heavy flash flooding several places. Highways and railroads buried under mud and rock slides at number of points in north central, northeast Oregon. Lightning strikes in northwestern Oregon started few small forest fires, destroyed or severely damaged some farm buildings and few homes.
Inland western valleys and west slope of Cascades	9	Evening			0	0	4	3	Lightning
									Very intense lightning storm Willamette Valley and west slopes of Cascades, more scattered in southwestern valleys. Lightning strikes and resulting fires destroyed or badly damaged some farm buildings, few homes, and power installations causing considerable number of service outages.
North central Oregon	21-22	Afternoons and evenings			0	0	5	4	Lightning, Heavy Rain
									Little damage resulted from lightning. Few forest fires started but were controlled after little or no damage. Runoff from locally heavy rains, however, gathered on slopes of normally dry canyons to literally send walls of water out of the mouths of them. Only a few such canyons were involved but damage in those cases was sub-
OREGON (Cont'd.)									
North Central Oregon (Cont'd.)									stantial. Farm land was badly eroded, highway and railway beds were washed out, farm buildings and fences were destroyed or seriously damaged, stored hay was washed away and both roads and farm land were covered with mud, rocks and other debris.
Southern Sherman County	25	Afternoon			0	0	4	3	Lightning, Heavy Rain
									Flash floods caused considerable damage to roads, bridges and culverts, and small amount of farm land and crops in southern Sherman County
PACIFIC AREA									None reported
PENNSYLVANIA									
Near Shippensburg	1	3:45 A.M.						5	Thunderstorm
									Lightning fired and destroyed a barn and nearby workshop, resulting in damage estimated at \$75,000.
Philadelphia	1	9:50 P.M.						3	Thunderstorm
									Lightning set fire to the roof and interior of the 3-story nurses' residence of the Pennsylvania Hospital School of Nursing
Near Dallas	1							3	Thunderstorm
									Six cows were electrocuted by lightning, while tied to metal stanchions in the barn.
Southwestern Counties	6	Afternoon					1	5	Thunderstorms
									Numerous homes and barns were struck and fired by lightning. Damage to a cabinet shop near Unioctown was estimated at \$80,000. A man was struck and injured by lightning in Mount Pleasant. Local flooding occurred due to heavy rainfall from the thunderstorms.
Near Palmetton	9	5:45 A.M.						3	Thunderstorm
									Fired by lightning, a barn was destroyed, along with farm equipment stored in the structure.
Southeastern Counties	9	Night						4	Thunderstorm
									High winds from a thunderstorm twisted 25 steel girders which were being erected at a new high school near Birdsboro. A nearby trailer, housing tools, was also demolished by the wind. Total damage was estimated at \$10,000. In Delaware County several homes were fired by lightning and strong winds downed a number of utility lines while lightning also disrupted electric service for a time.
Eastern Counties	13	Afternoon & Evening						5	Thunderstorms
									High winds and lightning, which accompanied the thunderstorms, damaged and/or destroyed a number of homes, barns, trees and utility lines. Near Lebanon, 3 horses were killed by lightning when a tree was struck, under which they were standing.
Westmoreland and Central Counties	17	Afternoon & Night					1	4	Thunderstorms
									Several small fires resulted from lightning strikes in Westmoreland County. Near Latrobe a coal tippie was fired and destroyed with loss placed at \$4,000. Near Levistown a bolt of lightning touched off \$700 fire to a home. One woman was killed in the same vicinity by lightning when struck while in her home. Strong winds demolished a silo and broke several plate glass windows near Chambersburg. Wind damage to trees and utility lines throughout the area was considerable.
Eastern Area	18	Afternoon					1	5	Thunderstorms
									One man was killed by lightning when struck as he came out of the water onto the beach at Hickory Run State Park. Several homes and a barn in the area were fired by lightning. Damage to the barn was placed at \$28,000. Four cows were killed by lightning, near Honesdale.
Welsh Run	22							4	Thunderstorm
									Fire caused by a bolt of lightning destroyed a barn and contents. Loss was set at \$27,000.
Franklin, Adams & York Counties	26	Afternoon						5	3 Thunderstorms
									High winds, accompanying the thunderstorms, damaged a number of roofs, trees and utility lines; while golf ball size hail shattered a number of windows and shredded corn fields
Near Dover	26	4:00 P.M.	u	u				4	Twister
									The easterly-moving storm hit a trailer park just west of Dover, demolished a 55-foot house trailer and moved two others off their foundations.
Seven Stars	27	Night						3	Thunderstorm
									Four cows were killed when struck by lightning.
Linden	28	6:45 A.M.						3	Thunderstorm
									Lightning fired and partially destroyed a dairy barn, causing considerable damage.

See reference notes at end of table.

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AUGUST 1965

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
PUERTO RICO	10	Afternoon			1	0	4	0			Heavy Rains
											Heavy rains falling in a short period caused flashfloods in eastern Puerto Rico from east of San Juan to Guayama. Civil Defense evacuated many families from low-lying areas as rivers and creeks overflowed their banks. Hardest hit municipalities were Las Piedras, San Lorenzo, Gurabo, Humacao, Cidra, Cayey, and Aguas Buenas. Gurabo reported 4.89 inches with other areas reporting about the same amounts all in a four to six hour period. The Herrera Bridge connecting Loiza Aldea with Rio Grande was washed away at the mouth of the Herrera River on the north coast. In San Lorenzo two homes under construction were washed away. One fatality occurred when a seven year old boy drowned while attempting to cross a swollen creek off the Gurabo River northwest of Humacao.
RHODE ISLAND											None reported
SOUTH CAROLINA Manning, Clarendon County	4	pm			1	2	0	0			Lightning
											Three youths playing in yard struck by lightning bolt, injured, in serious condition but responding to treatment.
30 mi. South Florence, Williamsburg County	6	8 p			0	0	0	0			Funnel aloft
											Funnel observed to dissipate without touching down.
Williston, Barnwell County	8	late pm			0	1	3	0			Heavy rain
											Driver lost control of auto on rain-slick road. Earlier in afternoon 4 other auto accidents in Sumter County blamed on heavy rains but no injuries reported.
Richland and Lee Counties	10	late pm			0	0	4	0			Lightning, wind
											Lightning caused power failures and fires in Columbia and Bishopville areas, with wind toppling a large tree on home in Bishopville.
Piedmont, Greenville County	15	2:30 pm			0	0	4	0			Lightning
											Lightning set home on fire, no one at home, neighbor discovered blaze in time to prevent total loss of home.
Kirkover Hills, Kershaw County	16	4:40 pm	1/2	75	0	0	4	0			Tornado
											Small tornado skipped through area from west to east, causing damage of varying extent to homes and trees. Funnel observed along with loud roaring noise.
Ocean Drive Beach, Horry County and surrounding counties	17	6:15 pm	1/2	50	0	46	5	0			Tornado
											Small tornado moved northeast to southwest - heavy damage confined to narrow path, with lesser wind damage over most of area. Many treated for minor injuries, only 6 hospitalized, one of these struck by lightning. Considerable wind and lightning damage occurred in nearby counties this date.
Columbia and vicinity, Richland and Lexington Counties	18	7:00 pm			0	?	4	0			Heavy thunder-shower - lightning
											Record rainfall for Columbia, 5.03 inches in 2 hours, accompanied by severe lightning and wind gusts to 62 knts. caused local flooding and numerous power failures. Many minor traffic accidents - included 1 motorist hitting a cow on highway during the heavy rain.
Little Rock, Dillon County	23				0	0	4	0			Lightning
											Fourteen prize Holstein cows killed when lightning struck tree in grove where they were grazing.
Chester, Kershaw, Lancaster and Sumter Counties	23				0	1	4	0			Lightning
											One unoccupied home and contents total loss - many small fires set by severe lightning - one man suffered minor injury while trying to make power supply repairs during storm.
1 1/2 miles south Aiken, Aiken County	25	6:00 p	brief narrow		0	0	0	0			Tornado
											Funnel moving east-northeast touched down briefly in wooded area before dissipating.
South Carolina	27	late pm			0	0	4	0			Severe lightning
											Some areas without telephone service for about a week, with total damage, due to lightning strikes, over \$20,000. in central South Carolina alone.
SOUTH DAKOTA											See data at end of table
TENNESSEE Crossville, Cumberland County	7	p.m.			0	0	3	0			Lightning
											Electrical power service interrupted as a result of lightning damage to equipment.
Lewisburg, Marshall County	16	3p.			0	0	3	0			Thunderstorm
											Damage to trees, power and telephone lines.
TENNESSEE (Cont'd.) Cookeville, Putnam County	16	4:30P.			0	0	4	0			Hail
											Hail fell in scattered areas of county, with sizes from marbles to 2 inches in diameter. Tobacco crop damaged from 40 to 100 percent.
Giles County	16	p.m.			0	0	0	4			Hail
											Hail of undetermined size struck sections of county. Some tobacco fields were a total loss.
Spring City, Rhea County	17	12 noon			0	0	3 <sup>0</sup>	0			Hail
											Thunderstorm moved northeast accompanied with strong winds, lightning and hail of marble size.
Greene County	17	3p.			0	0	?	?			Hail
											A hailstorm accompanied by rain, wind and lightning damaged gardens, corn and tobacco crops, as well as stripping leaves from several trees.
Kingsport, Sullivan County	18	p.m.			0	0	3	0			Lightning
											Two houses in the Colonial Heights section were struck by lightning. Damage confined to TV antennas and sets.
Oak Ridge, Anderson County	19	12:45 noon			0	0	3	0			Wind
											Wind damage reported in Woodland section of City.
Wartburg, Morgan County	23	afternoon			1	0					Lightning
											Farmer killed by lightning while unloading livestock from truck.
Lenoir City, Loudon County	26	p.m.			0	0	4 <sup>0</sup>	0			Thunderstorm
											A downpour that dumped 1.30 inches on the city within one hour caused localized flooding. Fort Loudoun Dam recorded 1.70 inches during the same period.
Johnson City, Washington County	27	10a.			0	0	4	0			Lightning
											Lightning is suspected to have caused fire which destroyed house and its contents.
Memphis, Shelby County	27	1:30p.			0	0	?	0			Lightning
											Lightning struck top of Memphis tallest building, the 38-story Main Building, damaging central air conditioning equipment. Lightning damage reported to electrical and telephone service in scattered sections of City.
Nashville, Davidson County	27	2p.			0	0	4	0			Wind, lightning
											Strong winds and lightning downed tree limbs and power lines. Lightning set fire to one house resulting in \$10,000 damage.
TEXAS											
10 NW Corpus Christi San Patricio Co.	4	4:00 p									Funnel aloft
Chambers Co.	5	2:05 p									Waterspouts of Galveston Bay. They did not cause any damage.
10 ESE Corpus Christi E Vidor Orange Co.	6	10:07 a									Funnel aloft
	6	3:20 p									Funnel aloft
Lake Texoma Grayson Co.	6	8:45 p	short narrow		0	0	3	0			Tornado
											A tornado dipped down at Lake Texoma, north of Pottsboro damaging a boat dock, a grocery store, a mobile home, and an automobile. The damage was at Loe's Hi Port Resort. A section of the roof of the boat dock was thrown into a mobile home, and two gas pumps and a station wagon parked in the driveway of a grocery store. Total damage was estimated at about \$4,000.
Lake Sabine 2 W Woodville Tyler Co.	8	8:07 a									Waterspout
	8	3:30 p									Funnel aloft
Floyd Co.	8	5:00 p-5:30 p	4	*4	0	0	0	5			Hailstorm, wind
											Small hail, 1/4 to 3/4 inch in diameter, caused an estimated \$500,000 damage to cotton and grain sorghum in a four by four mile area in the Baker Community about seven miles east and two miles south of Floydada. Cotton in the area was completely stripped of all leaves. Wind accompanying the storm was estimated at 70 miles per hour. Hail thrashed the heads of the grain sorghum and stalks were blown over. An estimated 1/2 inches of rain fell in the center of the storm.
Friona Farmer Co.	8	6:00 p-8:00 p	2	*2	0	0	0	?			Hailstorm
											Small hail, averaging 1/4 to 3/4 inch in diameter damaged cotton and sugar beets in the north central portion of Farmer County. Hail was also reported in the southeastern portion of the county. Some maize was damaged also. Some farmers reported losses as much as \$3,000 each. The hailstones covered the ground to a depth of about one inch.
6 W Petersburg Hale Co.	8	8:20 p	short narrow		0	0	0	0			Tornado
											A tornado touched ground briefly in open farm land near Petersburg but did not cause any damage.
4 W Temple Bell Co.	9	? short narrow			0	0	?	0			Tornado
											A tornado touched ground about four miles west of Temple destroying a garage and barn and splitting several trees.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

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.)									
15 NW Beville Live Oak Co.	10	2:15 p	?	1/2	0	0	0	0	Tornado
									A tornado touched ground in open ranch land in the Three Rivers-George West area. The funnel was estimated at about 1/2 mile wide and moving north-westward.
Sanderson Terrell Co.	10	?	short	narrow	0	0	?	0	Tornado
									A tornado demolished a barn and uprooted a large mesquite tree on the Lee Dudley ranch near Sanderson. A windmill tower and television antenna tower near the barn were not damaged.
Corpus Christi Bay	11	9:15 a							Waterspout
Howard Co.	13	night	2 1/2	1	0	0	0	?	Hailstorm
									Hail averaging 3/4 inch in diameter severely damaged cotton crops in the Luther Community of Howard County. Largest hailstones were 1 3/4 inches in diameter. Winds estimated at 50 to 60 miles per hour accompanied the storm.
Near Littlefield Lamb Co.	14	1:00 p-1:15 p							Funnel aloft
									A funnel cloud hovered in the air about 15 minutes near Littlefield before lifting back up into the clouds. It did not touch ground.
1 S Amherst Lamb Co.	14	afternoon	short	narrow	0	0	0	0	Tornado
									A tornado touched ground briefly on open farm land one mile south of Amherst.
E Lubbock Lubbock Co.	14	8:00 p							Funnel aloft
W Ropesville Hockley Co.	14	evening	?	?	0	0	0	?	Hailstorm
									Hail, ranging from 1/2 to 1 3/4 inches in diameter destroyed many acres of irrigated cotton west of Ropesville. Cotton on the Julius Elair and the Kenneth Means farms was almost a total loss. Cotton on the C. D. Bond, James Smith, Dalton Redman, Robert Zachary, and James Chambers farms was heavily damaged. The cotton crops which were hailed out were a total loss and could not be replanted.
Midland Midland Co.	14	night	?	?	0	0	?	?	Hailstorm
									Hail up to 2 1/2 inches in diameter damaged roofs, broke window panes and a few automobile windshields in the northeast section of Midland. Hailstones covered the ground to a depth of six inches in places. Trees and shrubs were stripped by the hail. W. R. Tillman counted 1,250 dead birds on his place just north of the city on the Lamesa Road. Most of the birds were sparrows. Mr. Tillman described the hailstorm as the worst he had ever seen in his 40-year residence there.
Midland Midland Co.	15	10:00 p	?	?	0	2	?	?	Wind, hail
									Violent thunderstorm winds resulted in heavy property damage and two injuries in the Midland area. The center of the storm moved over Terminal shortly before 10:00 p.m. where wind gusts up to 81 miles per hour were measured at the Weather Bureau Airport Station. A small plane was flipped over and several windows blown out in hangars. A trailer home owned by Frank Miles was torn loose from a parking area on Tower Road and rolled 50 yards. Mr. and Mrs. Miles were injured in the mishap. In Midland, the end of a bus barn at the Greenwood School was blown out; the front porch of the N. C. Harris home on Tower Road was ripped from the house; and two large trailer houses from the Cecil Ruby construction yard were blown across the road. The wind broke several plate glass windows in The Village Shopping Center. A movie screen at the Texan Drive-In Theater on West U. S. 80 was struck by lightning, toppling the screen through the roof of living quarters below. A small fire developed. Hail accompanying the wind damaged roofs and broke windows.
20 NW Beville Bee Co.	15	evening							Funnel aloft
Andrews Andrews Co.	15	?	?	?	0	0	?	?	Hailstorm
									Hail up to 1 3/4 inches in diameter damaged many roofs in Andrews. Crops in the area were also damaged.
Near Nederland Jefferson Co.	17	11:00 a							3 funnels aloft
Helotes Bexar Co.	18	2:30 p	short	narrow	0	5	3	0	Dust devil
									Five San Antonio workmen were injured, three seriously, when a dust devil or whirlwind collapsed a partially constructed shopping center building at Helotes. Witnesses reported the framework of what was to be the Helotes Shopping Center crumpled in a resounding roar just as the dust devil raced through the lattice-work of 2-by-6 inch timbers. One workman plunged 20 feet with the shower of lumber. The other four fell an estimated eight feet. Damage was estimated at \$3,000.
Lamesa Dawson Co.	18	8:05 p							Funnel aloft
Carson and Hutchinson Co.	20	3:30 p							Funnels aloft
Crane Crane Co.	21	evening	?	?	0	0	4	0	Windstorm
									Thunderstorm winds ripped off the roof of the Sand Hills Lumber Company in Crane and demolished a trailer house at the Crane Country Club. Total damage was estimated at \$10,000.
NE Sulphur Springs Hopkins Co.	22	2:00 p-3:00 p	2	1/2	0	0	4	0	Windstorm
									Thunderstorm winds caused an estimated \$10,000 damage on several farms northeast of Sulphur Springs. Wind gusts were estimated at 70-80 miles per hour.
25 S Nederland Jefferson Co.	23	11:25 a							Funnel aloft
TEXAS (Cont'd.)									
Tucker Anderson Co.	23	5:00 p-5:30 p	?	?	0	0	4	0	Windstorm
									Thunderstorm winds caused an estimated \$25,000 damage to a cooling tower at the Anderson Refining Company in Tucker. The 30-foot high, 50-foot long cooling tower was blown down. It crushed a tray complex when it fell.
10 N Orange Newton Co.	24	2:25 p	short	narrow	0	0	0	0	Tornado
									A tornado touched ground in southern Newton County about 10 miles north of Orange but did not cause any known damage.
SW Ellington AFB Galveston Co.	25	12:28 p							Funnel aloft
Near Beaumont Jefferson Co.	25								Funnel aloft
5 E Nederland Jefferson Co.	26	12:50 p							Funnel aloft
SSW Ellington AFB Galveston	28	11:50 a							Funnel aloft
2 N McMahan Caldwell Co.	28	?	short	narrow	0	0	?	0	Tornado
									A small tornado unroofed a barn about two miles north of McMahan.
2 NE Levelland Hockley Co.	30	3:45 p			1	2	0	0	Lightning
									Cecil Lee Thomas, 39 year-old farm worker was struck and killed by a bolt of lightning on a farm two miles northeast of Levelland. Thomas and his two sons were walking to a farm house when the lightning struck. The two boys, who were near their father, were injured.
Near Roby Fisher Co.	31	afternoon	?	?	0	0	?	?	Tornado
									A tornado demolished a large hay barn on the O. R. Clark farm in North Roby. The farm home and outbuildings also suffered considerable damage. A windmill tower was blown over and a large piece of timber was blown into a tank dam four or five feet. The tornado moved from southwest to northeast and caused some damage to farm and ranch property west of Roby before striking the Clark farm.
Ackerly Dawson Co.	31	evening	?	?	0	1	?	?	Windstorm
									Gusty thunderstorm winds shattered a plate glass window in a cafe at Ackerly. The flying glass injured one person.
Colorado City Mitchell Co.	31	8:30 p-11:30 p			1	0	?	?	Flooding
									Up to five inches of rain within a three hour period fell in the Colorado City area flooding Lone Wolf Creek. One person drowned when the car in which he was riding was swept off a low water bridge and carried some 250 yards downstream. The driver of the car escaped.
5 E Midland Midland Co.	31	night			0	0	5	0	Lightning
									Lightning struck a Magnolia Oil Company storage tank five miles east of Midland burning 48,000 gallons of crude oil.
UTAH									
Oakley	14	Late afternoon			0	1	0	0	
									Lightning struck Ike Wilde and knocked him unconscious but no permanent injury.
Sevier, Iron, Utah and Salt Lake Counties	17	Afternoon and night			0	0	4	4	Flash floods
									Local flash floods associated with heavy thunderstorm activity caused serious damage to homes, fields, and highways. In Cedar City, a portion of the century was washed away and the highway was blocked for several hours. In Anabella and Glenwood in Sevier County, over \$18,000 dollars damage was done to farm roads and bridges while near Elberta many acres of a new LDS church farm project was eroded away. Young orchards were destroyed along with pipelines, irrigation ditches and pumps.
Wayne County	18	Afternoon			0	0	3	5	Hail
									A heavy hailstorm damaged 70 to 80% of the grain crops in the county. Damage estimates exceed \$70,000.
Utah, Salt Lake, Weber and Box Elder Counties	21	Afternoon and night			0	0	4	3	Lightning, heavy rains and flash floods
									Lightning started a fire at a Forest Service Radio Relay Station near Willard Peak which completely destroyed the facility. This included two large generators and over 1,000 gallons of fuel besides the radio equipment. Near Grantsville, a lightning caused fire destroyed 30 tons of hay while in eastern Salt Lake County the 2nd flash flood in three weeks to hit the same area resulted in additional thousands of dollars damage to homes, streets and sidewalks.
VERMONT									
Northern and Central Portions	6-7				0	1	4	0	Lightning, wind
									Numerous local losses evening of 6th. Some after midnight in northeast. Utility failures caused by falling trees. Boy injured by falling tree at Isle LaMotte at 7:15 P.M. on 6th. Lightning again on afternoon of 7th killed two cows and damaged a house at Chester.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

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		
VERMONT (Cont'd) Mt. Holly	8				1	0	0	0		Lightning
					Lightning killed man in small construction shack.					
Central Fortion	18	1-2 AM			0	0	4	0		Lightning, Wind
					Two homes damaged. Utility failures caused by lightning and by falling trees. Minor flash flooding damage reported at Montpelier.					
U.S. VIRGIN IS.					None reported					
VIRGINIA Carroll County	1	About 1:30 a.	1	100	0	5	4	C		Tornado
					Moving northeasterly, the storm left a path of near total destruction in eastern part of County about 2 miles east of Ground Hog Mountain. It upset a trailer home and toppled it down a bank with 5 persons inside. The trailer and contents were demolished. Over 200 trees were damaged, either uprooted or broken and left lying in all directions. Crops were flattened, power and telephone lines downed. A barn filled with hay and another outbuilding were demolished and scattered over several acres. A number of other farm outbuildings were damaged. An automobile was lifted and moved 10 feet without overturning or damage.					
Westmoreland County	1	Late Aftn								Hail, 3/4 inch
Piedmont and Northern Counties	17	Late aftn and night			0	0	5	4		Tornado, Hail, lightning, Wind
					Numerous heavy thunderstorms in afternoon and early night over Piedmont Counties along and east of blue ridge from southern to northern borders caused widespread damage from hail, lightning and wind. A tornado in conjunction with a thunderstorm touched down at Orange just before 8 p.m., demolished a 3 story brick building, felled a number of trees and damaged a number of buildings. Hail was reported in many counties of this area but the most significant damages were reported in afternoon near Sontag in Franklin County and along VA-NC border in Pittsylvania County rendering extensive damage to tobacco crops. Lightning damage was extensive. Power and telephone lines and facilities bore the brunt of lightning damages, with outages up to 24 hours in some areas. Some of the more extensive areas thus affected were in Lynchburg area, Clarke, Fauquier and Orange Counties. Lightning caused the burning of a barn and contents near Salem, Va., valued at \$10,000. Similarly destroyed two barns in Orange County, a barn with 18 cows and another 20 cows in separate localities in Fauquier County. Minor lightning damage to numerous individual homes and buildings was scattered throughout the area. Thunderstorm winds damaged numerous buildings and dwellings scattered over this multi-county area, toppled many trees with resulting damages to buildings, automobiles and utility lines. Much of the widespread power and telephone disruptions were attributable to trees and limbs falling on lines, especially in Loudon, Orange and Amherst Counties. Several homes at Amherst were seriously damaged by winds, one loss estimated at \$10,000.					
Alexandria	18	Before 4 p.								Wind, gusts to 67 m.p.h.
Pittsylvania County near Blairs	18	2-3 p.			0	0	0	5		Hail
					Hail ranging 1/2 inch up to 1 1/2 inch in diameter extensively damaged tobacco crops in an area just north of Blairs, Eastward several miles toward Highway 360. Affecting many fields of tobacco, damage was spotty and ranged from light in some fields to 100% in others. One 12 acre field was completely destroyed.					
Southwestern Piedmont Counties	19	Aftn.			0	2	5	C		Hail, Lightning Wind
					Numerous thunderstorms brought a variety of damages to sections of these Counties, especially to Patrick, Pittsylvania and Campbell. (1) Lightning, striking many homes and buildings, caused numerous small fires and structural or equipment damages including second degree burns to 2 persons in a dwelling at Grotna where it ran in on a stove. A number of livestock were killed in scattered sections. Extensive damages to power and communication facilities caused widespread outages. (2) Hail up to 3/4 inch diameter reported 7-8 miles SW of Lynchburg. Most significant hail damage was to tobacco fields in sections of Patrick, Southern Campbell and Northern Pittsylvania Counties. (3) Wind downed many trees at scattered localities, supplementing the lightning damage to utility lines, blocking roads, etc.					
Petersburg-Hopewell Adjacent Counties	19	Late Aftn.			0	0	4	0		Lightning
					Lightning caused widespread damage to power lines and facilities, started numerous small fires and resulting in power outages up to 3 hours for many subscribers.					
Waverly	22	2:30 p.			1	3	0	P		Lightning
Chesterfield County	23	5 p.			1	2	0	0		Lightning
Halifax County	26	4-6 p.					4	4		Hail, Lightning Wind
					Thunderstorms brought damage to sections of the County, hardest hit being an area about 10 miles long and 2 miles wide between Vernon Hill and Halifax. Most of hail damage to tobacco crops occurred in this section where damage was reported on about 25 farms, losses ranging up to 100% of the drops which had been about 50% harvested.					
VIRGINIA (Cont'd) Halifax County (Cont'd)	24	Lightning								destroyed a barn filled with tobacco and killed 2 hules and 3 cows at separate locations, struck a number of buildings and dwellings with major damage to a few and damaged electric power facilities around Halifax, South Boston and other communities. Wind unroofed several buildings and downed many trees in scattered locations.
Arlington, Fairfax, Pr. William and Stafford Counties	26	Evening			0	0	4	0		Hail, Lightning Wind, Rain
					Hail up to the size of ping pong balls reported near Manassas and nearly as large in vicinity of Arlington County. Winds downed a number of trees and broke off many branches with scattered damages, mostly light. Lightning knocked out telephones and power facilities in many communities, struck a number of homes. Heavy rains produced street and other minor flooding with minor damages and stalling traffic.					
WASHINGTON WEST VIRGINIA					None reported					
Aurora	1	Est. 3 a.m.			0	0	3	0		Lightning
					Lightning struck a tree and killed 16 Holstein dairy cows.					
Elkins	2	8:10 a.m.			0	0	3	0		Lightning
					Lightning-caused fire destroyed a commercial building.					
Wetzel County	6	2 p.m.			0	0	3	0		Lightning
					Lightning-caused fire destroyed a home and barn.					
Near Rippon, Eastern Panhandle	17	6 p.m.			0	0	4	3		Lightning
					Barn containing hay and farm machinery was destroyed by a lightning-induced fire.					
Near Rippon, Eastern Panhandle	26	4:30 p.m.	Unknown		0	0	3	2		Tornado
WISCONSIN Beaver Dam 10 SW	3	6:30 PM			0	0	0	4		Hail
					Diameter up to 3/4 inches. Damage to corn and oats near Leipsic.					
Racine 5N	6	7:22 PM			0	0	0	0		Funnel
					Moving ENE out, over Lake Michigan					
Brodhead 3S	8	1:00 PM			0	0	0	0		Funnel
Prairie du Chien 15E	17	2:30 PM			0	0	4	4		Wind, hail
					Strong winds, heavy rain and some hail in severe thunderstorm moving NW to SE over Wausau. Large trailer demolished, power and telephone lines down.					
Oconto	17	5:00 PM			0	0	3	4		Hail
					Diameter up to 1 inch. Damage to grain, cucumbers and beans at Oconto, Little River, Pensaukee and Abrams.					
Tomah 15S	18	2:15 PM			0	0	0	0		Funnel
					Reported just north of Kendall					
Viroqua 5N	18	4:00 PM			0	0	0	0		Funnel
Green Bay 6S	21	11:30 AM			0	0	0	0		Funnel
Vernon County	25	6:00 - 6:30 PM			0	0	4	4		Wind, Hail
					Damage to buildings and crops (tobacco and corn) in vicinity of Viroqua					
Southern Counties	26	Evening			0	2	6	5		Wind, Funnel
					Severe thunderstorms moving west to east across southern counties damaged buildings, utility lines, trees and crops. Monroe, Brodhead, Beloit and Darien hard hit. Funnel reported at midnight by two Rock County Deputies near Rock-Green County line.					
WYOMING INDIANA					None reported					
Angola, near	8	?			1	0	0	0		Lightning
Elkhart, west edge Elkhart County	8	?	small	small	0	0	3	0		Tornado
					Roof of large building damaged.					
Whitley County, near Shriner Lake	8	Evening	2	60	0	0	3	2		Tornado
					House, barn and numerous trees in a path starting 6.5 miles north of Columbia City were damaged or destroyed by a small tornado.					
Hamilton, Steuben County	25	Afternoon	?	?	0	0	4	3		Tornado, hail
					Two Churches and three homes were damaged by small tornado. Several fields of corn and soybeans were flattened by the strong winds and hailstones. Some hail had the diameter of fifty cent pieces.					
Lebanon	26	12:15 a.	0.8	100	0	0	5	3		Tornado, wind
					Destruction of a large building and the damage of another nearby appeared tornadic in character.					
Indianapolis	26	12:30 a.	?	?	0	0	5	0		Wind, lightning
					Wind blew down stands at the State Fair. Lightning and resulting fire damaged a large building nearby.					

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1965

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	
INDIANA (Cont'd.) Fortville	26	Early a.m.	?	?	0	0	4	0	Wind Wind toppled a small ferris wheel and blew down several tents at the County Fair.
Clark County	26	3:25 a.	?	?	0	0	0	0	Funnel cloud Funnel cloud 30 miles north of Louisville, Kentucky moved eastward.
Northern Indiana	27	12:30 to 2:30 a.	?	?	0	5	5	4	Wind, lightning, hail Numerous severe thunderstorms moved through the area. High winds overturned 6 house trailers near Gary, two trailers near Schererville, and six south of St. John. At Crown Point the County Fair was closed two days early because winds levelled tents, trees and utility wires. A train was derailed near Crown Point by winds estimated up to 100 miles an hour in velocity. Many fields of corn were laid down by the strong northwest winds. Valparaiso reported 3/4 inch hail. Winds collapsed a 400-foot-long ore bridge at Gary. Wind uprooted a tree which in turn broke a gas line. The resulting explosion and fire destroyed a home and caused severe injury to two people.
Elkhart	27	1:36 a.	?	?	0	0	0	0	Funnel cloud
Fort Wayne	27	2:28 a.	?	?	0	0	0	0	Funnel cloud Twenty-eight miles north-northeast of Fort Wayne
Lafayette	27	3:30 a.	0.5	100	0	0	4	2	Wind Ends of a judging pavilion were blown out and two hay barns were unroofed.
SOUTH DAKOTA Central Kingsbury and Eastern Miner Counties	2	About 3:00-4:00 p	About 50	*1 1/2	0	0	3	5	Hail Broken Hail averaged 1 inch with largest baseball size and covered ground up to 3 inches locally. Extensive damage to crops with some damage to roofs and windows. Greatest damage in Salem-Unityville, Howard-Winfred and DeSmet-Lake Preston-Oldham areas.
Bon Homme County	5-6	10:00 p-2:30 a	16	*5	0	0	0	5	Hail Intermittent Hail averaged 1/2 inch with largest 1 inch and covered ground to 1 inch. Hail damage to crops extended from near Springfield to near Scotland. Storm moved from SW to NE
NE Roberts County	24	p.m.	?	?	0	0	0	5	Hail Hail caused heavy damage to corn and soybean crops over 8-10 square mile area.

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	

- ° Includes crop damage.
- C Crop damage.
- \* Miles instead of yards.
- \*\* Yards instead of miles.
- † Storm damages are placed in categories varying from 1 to 9 as follows:
  - 1 Less than \$50
  - 2 \$50 to \$500
  - 3 \$500 to \$5,000
  - 4 \$5,000 to \$50,000
  - 5 \$50,000 to \$500,000
  - 6 \$500,000 to \$5,000,000
  - 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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USCOMM-WB-Asheville, N. C. -9/30/65-1050