

U. S. DEPARTMENT OF COMMERCE  
JOHN T. CONNOR, Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

# STORM DATA

JULY 1966  
Volume 8 No. 7



ASHEVILLE: 1966

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>ALABAMA</b>									
Blount County	11	Afternoon			0	0	4	0	Electrical
			Lightning killed 18 registered cattle resting under a tree about 5 miles south of Oneonta.						
Montgomery, Montgomery County	15	4:30-5:30 p.m.			0	0	5	0	Wind, electrical
			High winds with thunderstorm caused scattered damage to utility lines, garages, barns, antennas, automobiles and roofs of houses. Lightning set house on fire and caused metal building under construction to collapse. Thunderstorm moved from northeast to southwest with gusts of 45 mph recorded at Dannelly Field. 75% of damage due to wind and 25% to lightning.						
Birmingham, Jefferson County	16	6:30-10:00 p.m.			2	0	4	0	Rain, electrical
			Person killed by lightning at Camp Cosby. Flash flooding in City along Village Creek. Several houses flooded and 1 person drowned when swept into storm sewer. All damage due to rain.						
Sulligent, Lamar County	16	Late afternoon			0	0	5	0	Electrical
			Cotton warehouse set on fire by lightning and 401 bales of cotton destroyed.						
Kinsey, Houston County	20	4:45-5:00 p.m.	1	narrow	0	0	4	3	Tornado
			Tornado dipped down briefly in area from Kinsey northeast. Several barns and outbuildings destroyed, large trees uprooted and utility lines down. Corn blown down and peanuts uprooted.						
<b>ALASKA</b>									
No report received by printing deadline									
<b>ARIZONA</b>									
Grand Canyon Village	8	2:00 p.			0	1	3	0	Dust devil
			Dust devil overturned trailer occupied by three people, injuring one.						
Green Valley (20 ms. S. Tucson)	18	5:00 p.			0	0	4	4	Wind and hail
			Strong winds caused damage to property. Hail damaged cotton and pecans.						
Tucson	24	5:30 p.			0	0	4	0	Wind
			Wind caused property damage in Rolling Hills subdivision.						
Globe (30 ms. N.E.)	27	5:00 p.			0	4	0	0	Lightning
			Lightning struck a pick-up truck severely injuring one boy standing near the truck. Three other boys nearby were slightly injured.						
Warren	28	3:00 a.	1	150	0	0	4	0	Tornado
			Small tornado followed skipping path from Warren to Bakerville. Houses were unroofed, trees uprooted, windows broken and other property damaged. Storm accompanied by nearly continuous lightning and moderate hail.						
Williams (11 ms. W.)	29	12:30 p.			1	0	0	0	Lightning
			Lightning killed a highway flagman as he stood directing traffic.						
Mormon Lake	30	11:00 a.			0	0	0	0	Tornado
			Funnel formed over dry part of Mormon Lake then moved easterly over the water. Duration about 20 minutes.						
<b>ARKANSAS</b>									
El Dorado, Union County	3	2:00 a. to 4:00 p.	1/8	20	0	0	4	0	Wind
			A strong gust or series of wind gusts unroofed a church and damaged and destroyed a trailer home. No funnel was sighted however a "loud, roaring noise" was described.						
Jonesboro, Craighead County	7	9:00 p. to 10:00 p.			0	0	4	0	Wind and hail
			Strong winds and hail damaged cotton and soybeans. Hail was confined to a square mile west of Beno Hill. A nursery north-west of Jonesboro was damaged with a hothouse completely wrecked.						
McCrary, Augusta Golf Club - Woodruff County	29	10:00 a.			1	0	0	0	Lightning
			A golf professional was killed by a bolt of lightning while giving a golf lesson.						
<b>CALIFORNIA</b>									
Montague	9				3	0	0	0	Wind Squall
			Three fishermen drowned when sudden wind squall overturned their canoe on Belcher Lake.						
Montague	13				0	0	4	0	Thunderstorm
			Lightning fired a large hay filled barn and started a number of forest fires. Local heavy rain damaged unsurfaced roads.						
George Air Force Base	22	before 5 p.m.			0	0	0	0	Tornado
			Tornado (unconfirmed) reported by weather observer at George Air Force Base.						
<b>COLORADO</b>									
Logan and Phillips Counties	6	Late PM			0	0	5	0	Wind, Hail, Rain
			A severe thunderstorm caused damage from the Sterling area northward to the Peetz area and eastward to the Haxton area. Wind gusts to 85 mph were reported at Sterling at 6:15 p.m. Hail damaged winter wheat crops ready for harvest in areas south of Fleming, south of Haxton, and in the Madri-Peetz areas. Sugar beets were damaged by hail in the Ford area and south of Iliff. Wind damaged born crops in several areas. There was extensive damage to property in the area from high winds and local flooding.						
Rocky Ford Vicinity	7	3:25 PM							Funnel Cloud
			A funnel cloud was reported in the vicinity. No damage reported.						
Otero County	18	6:00 - 6:30 PM					3	0	Tornado
			A tornado was reported 9 miles east of La Junta. Minor damage from high winds or possible additional tornadoes was reported in areas east of La Junta between 6:30 and 8:00 p.m.						
Boulder and Adams Counties	20	6:30 PM			0	0	4	0	Hail, Rain, Wind
			A severe thunderstorm covered an area northward from Denver to just south of Longmont and westward to Lyons. Major damage from hail, flooding, and wind occurred in the Rivot area southwest of Longmont and in the Lyons area. There was extensive property damage from flooding in Lyons and roads in the area were closed by rockslides resulting from heavy rain. Crops were severely damaged by hail southwest of Longmont. Hailstones 1-3/4 in. in diameter were reported at Lyons.						
Adams and Arapahoe Counties	21	5:11 PM							Tornado
			A tornado was reported 30 mi east of Denver. No damage reported.						
Eastern Colorado	21	PM			0	0	4	0	Rain, Hail
			Severe thunderstorms affected widely scattered areas of the eastern slope. Heavy rains caused mud- and rockslides which blocked the highway east of Estes Park. Flooding from heavy rain washed out several roads in El Paso County. Streets and basements were flooded by heavy rains in several localities in the Denver area. Severe hail was reported at Walsh, in the southeastern plains. High winds contributed to damage in some areas.						
Otero and Crowley Counties	22	PM			0	0	4	4	Wind, Hail, Rain
			A severe thunderstorm caused extensive damage from high winds at Rocky Ford and crop damage from hail and heavy rains in areas north and west of Rocky Ford, and eastward to La Junta. Heavy crop damage by hail and high winds was reported between 4:00 and 5:00 PM in an area 5 miles west of Ordway. Highways were flooded and irrigation ditches overflowed in several areas.						
Conejos County	23	1:00 PM			0	0	0	5	Hailstorm
			Severe hail, accumulating up to 3 inches in depth in some areas caused heavy damage to about 6,000 acres of potato, lettuce, and barley crops near Smeo in the southern part of the San Luis Valley.						
Jefferson County	24	12:25 PM							Funnel Cloud
			A funnel cloud was reported 8 mi. SE of Bailey.						
Teller, El Paso, and Huerfano Counties	24	PM			0	0	4	0	Rain
			Thunderstorms brought heavy rains to scattered areas of the eastern foothills. Streets were flooded and there was minor property damage at Colorado Springs, Woodland Park in Teller County, and at Walsenburg.						
Akron	26	9:50 PM							Tornado
			A funnel cloud touched ground NW of Akron and returned to clouds. No damage reported.						
Morgan County	27	PM			0	0	0	4	Hail
			Severe hail, covering a path about 1/2 miles long caused considerable damage to sugar beets in an area south and east of Fort Morgan.						
Arapahoe and Adams Counties	28	PM			0	1	4	0	Heavy Rain, Wind
			Heavy rains from a severe thunderstorm resulted in flash flooding of Deer Creek southwest of Littleton. A child was injured when washed from a car caught in the flooding water. Flooding caused local damage to property and crops along the creek. Wind damaged several houses in suburban Littleton areas.						
Pueblo County	29	9:00 PM							Funnel cloud
			A funnel cloud was reported south of Pueblo.						
<b>CONNECTICUT</b>									
Staffordville, Tolland Co.	7	5:00p	10	1800	0	0	3	3	Wind and hail
			Storm traveled rapidly west to east across northern and central Connecticut. Wires were blown from poles, large trees were uprooted and hail up to golf-ball size fell for a short period.						

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS			
CONNECTICUT (Cont'd.) Central and Eastern Connecticut	10					0	0	5	2	Hail and lightning	FLORIDA (Cont'd.) Opa Locka Dade Co.	27	7:32 pm							Funnel Cloud	
										Severe thunderstorms with 3/4 inch hail occurred in many areas. Lightning destroyed barn and farm equipment and badly damaged adjoining house in Winsted, destroyed a home in Roxbury and a vacant house in Wolcott. Power failures occurred in Mansfield, Bloomfield, Coventry, Williamantic, and Columbia.	Opa Locka Dade Co.	28	6:00 pm								Funnel Cloud
Litchfield, Hartford, and New Haven Co.	19	5:00p-7:00p			0	0	5	3	Severe thunderstorms	Valparaiso Okaloosa Co. Fort Myers, 27 SW Lee Co. Homestead Dade Co.	29	8:02 am								Waterspout	
									Falling trees blocked highways in Lakeville, Norfolk, Colebrook, Falls Village, and other areas. Power to 600 customers was disrupted in many sections of NE Litchfield County. High winds caused substantial damage to 100 acres of shade tobacco in Bloomfield and gusts were recorded up to 62 mph at Windsor Locks. Hail damage to apple crops was reported in the New Haven area.	29	12:32 pm										Waterspout
West Hartford, Hartford Co.	19	6:30p			0	0	0	0	Funnel cloud	29	1:15 pm								Funnel Cloud		
Huntsville, Norfolk, Litchfield Co.	19	5:00p	1	100	0	0	4	0	Wind	29	Afternoon			1	0				Lightning		
									Storm cut a path from Huntsville NHE to the Great Mountain Forest in Norfolk. It leveled a home in Huntsville, blew down power lines, and destroyed 20,000 board feet of lumber.	31	2:40 pm									Funnel Clouds (3)	
DELAWARE									None reported	GEORGIA Irwin County	1	7:30 p	Short Narrow	0	0	3	0		Tornado		
FLORIDA										North and Central	4			0	2	4	0		Wind		
Jacksonville Duval Co.	1	Morning						5	Rain	Gainesville	7	7:30 p			0	0	4	0	Wind and Electrical		
									Heavy rains in Jacksonville area, beginning late June 30 and continuing through the morning of July 1, caused considerable local flooding throughout the area and resulted in widespread road and street damage and numerous sewer cave-ins in the city. 24-hour rainfall total at Jacksonville Airport was 10.09 inches.										Two 900,000 bushel grain storage tanks were damaged by wind and falling trees and branches caused interruption of electrical service.		
Panama City Bay Co.	4	9:15 am							Funnel Cloud	Valdosta	8	3:30 p	3	300	0	1	5	0	Tornado		
Fort Lauderdale Broward Co.	6	Afternoon			1	0			Lightning										Eight private planes were heavily damaged at the Valdosta Airport when a hangar collapsed and 400 yards of metal fencing were blown over at a race track. One person was slightly injured by flying glass. A pilot reported seeing two funnel clouds in the vicinity of the Airport, with one apparently reaching the surface. Movement was from south to north.		
Apalachicola Franklin Co.	7	3:45 pm							Waterspout	Brunswick	8	4:20 p	6 1/2	300	0	0	5	0	Tornado		
South Bay Palm Beach Co.	7	Afternoon			1	0			Lightning										Storm moved from Glynnco Naval Air Station to city limits of Brunswick. Three aircraft were destroyed, utility poles and numerous trees blown down, and roofs and TV antenna damaged. Storm moved from west to east.		
Flamingo Dade Co.	7	7:25 pm							Waterspout	Savannah Beach	12	4:10 p			0	0	4	0	Wind, hail and electrical		
Homestead Dade Co.	7	7:40 pm							Funnel Cloud	Savannah	13	3:00 p			0	0	4	0	Wind, rain and electrical		
Key West Monroe Co.	8	8:18 am							Funnel Cloud										A severe thunderstorm brought damaging winds and heavy rain to downtown area. Trees were uprooted, blocking streets and knocking down utility lines. Lightning damaged the courthouse and a TV station's facilities. Streets were flooded in several areas.		
Pahokee Palm Beach Co.	8	3:10 pm							Waterspout	Moultrie	13	6:00 p			0	0	4	0	Wind, rain and electrical		
Key West Monroe Co.	9	3:00 pm							Waterspouts (4)										Thunderstorm winds estimated at 65 to 70 miles per hour caused heavy damage to several buildings at Spence Field near Moultrie. Numerous power failures occurred over the city and lightning damaged several buildings. Heavy rains caused some local flooding.		
Fort Myers Lee Co.	9	3:08 pm							Funnel Cloud	Northeast	14	p.m.			0	0	5	0	Wind, rain and electrical		
Lake Tarpon Pinellas Co.	9	3:44 pm							Funnel Cloud										Winds associated with heavy thunderstorms caused damage to broiler houses, trees, power lines and roofs in several northeast Georgia counties. Power failures were reported in many areas from lightning and from trees falling on lines. Hardest hit were Gainesville and Hall County, Forsyth County, White County and the Clayton area of Rabun County. Several large chicken houses were completely demolished and thousands of chickens were lost. Boats were sunk on Lake Lanier by winds and heavy rains.		
Miami Dade Co.	9	5:15 pm							Funnel Cloud	Smyrna, Cobb County	14	6:00 p			0	12	5	0	Wind		
St. Petersburg Pinellas Co.	9	6:37 pm							Waterspout										Winds estimated at 70 miles per hour damaged roofs, uprooted trees, blew down power lines and smashed plate glass windows in Smyrna. Several people were hurt when large plate glass windows were shattered at a super market.		
Key West Monroe Co.	10	9:25 am							Funnel Cloud	Atlanta Area	15	7:30 p			0	4	4	0	Wind, rain and electrical		
Panama City Bay Co.	10	Afternoon			0	1	4		Wind										A severe thunderstorm, with winds to 54 miles per hour caused widespread damage to roofs, utility lines and trees. One person was injured by a falling tree and three were hurt by flying glass. Streets were blocked by water, fallen trees and power lines, causing many serious traffic jams.		
Milton Santa Rosa Co.	10	Afternoon							Funnel Cloud	St. Catherines Sound	25	11:45 a							Waterspout		
Boca Raton Palm Beach Co.	18	9:17 am							Waterspout										Moving northward.		
Marathon Monroe Co.	18	10:35 am							Waterspout	Centerville 14 miles SW Macon	26	3:50 p	1/2	75	0	4	4	0	Tornado		
Fort Myers, 26 NW Lee Co.	18	3:05 pm							Funnel Clouds (2)										Damaged Trailer Park. Four children injured slightly.		
Tampa Hillsborough Co.	20	3:02 pm							Funnel Cloud	Savannah	30	1:15 p	Short Narrow	0	0	3	0	Tornado			
Key West Monroe Co.	20	4:23 pm							Funnel Cloud										Small storm just north of Savannah, moving eastward. One or two more funnel clouds reported in area.		
Clewiston Hendry Co.	26	1:45 pm							Funnel Clouds (2)												

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
HAWAII									
Hilo	25	4:30 p - 5:30 p			0	2	5	C	Rain
Rains which began in mid-morning on slopes above Hilo became torrential over small area near Kaunana in late afternoon. Intensities exceeded an inch in 15 minutes and storm totals 17 inches. Water flooding down mountain sides and overflowing ordinarily dry streams washed through Hilo, demolishing 4 houses, severely damaging many others and a number of business establishments, and stalling hundreds of motorists. The flood, described as the worst in Hilo's history, did damages estimated at over \$230,000, including \$143,000 to business firms, \$35,000 to houses, \$46,000 to county property, and \$10,000 to crops.									
IDAHO									
Lewis and Clearwater Counties	10	3:00 p. - 4:00 p.					4	5	Hail, wind and rain
Extensive damage to wheat, barley, peas and clover in area from Reubens to Greer, Weippe and Pierce. More than 20,000 acres affected with damage ranging from slight to almost 100%. Hailstones ranged from 1/2 inch to 1 1/4 inches or more in diameter and in some areas covered ground completely to depth of several inches. Wind and hail combined to break numerous windows and damage roofs. Rain caused considerable erosion in some areas. Earth and rockslide onto U. S. Highway 12 in vicinity of Greer necessitated rerouting about 500 cars as highway was blocked for 2 hours or more.									
Latah County	12	7:00 p. - 8:00 p.						4	Hail, wind and rain
In the vicinity of Troy at least 5,000 acres of wheat, barley and lentils were damaged in varying degrees, while near Viola rape-seed and fall barley were most seriously damaged with more than 5,000 acres affected. Wheat was also affected and harvesting will be difficult. Hailstones the size of golf balls were reported in the Troy area, and heavy erosion in the Viola area where about 0.9 inch of rain fell in less than 30 minutes.									
Aberdeen (near)	18	6:00 a.					2		Lightning
Lightning struck and killed two horses on a farm about 2 miles northwest of Aberdeen.									
Idaho Falls	18	?					1		Lightning
Construction worker struck by lightning, knocked unconscious for several minutes. Examination at hospital revealed no visible sign of injury except red spot on head.									
ILLINOIS									
Northeast	5	2-3p			1	0	4	0	Lightning, wind, funnel clouds
Severe mid-afternoon thunderstorms with 50 to 60 mph wind caused damage in extreme northeast Illinois. Boy killed by lightning near Yorkville and numerous power interruptions. Funnel clouds reported in Cook and Lake Counties.									
Central	5	8-11p			0	1	*5	C	Wind, lightning, hail, funnels
Severe thunderstorms with 50-60 mph wind. Lightning caused power interruptions and some fires. Wind overturned houseboat in Illinois River near Peoria, five persons dumped into river with one injured by breaking glass. Funnel clouds reported Peoria area with 1 1/2" rain in north Peoria suburb. Hail damaged crops numerous points.									
Jo Daviess County	9	11:45a	3	400	0	0	5	0	Tornado
Severe thunderstorm moved across Dubuque, Iowa with funnel cloud reaching ground as it crossed river into Illinois. Damage path in Illinois 3 miles long and 300-500 yards wide from northwest to southeast. Major damage to boat docks and cottages in East Dubuque. (From WBAS, DBQ)									
Northern	9	aftn			1	0	*5	C	Lightning, wind, hail
Severe thunderstorms began around noon in north and continued into central Illinois during evening. Golf ball size hail damaged crops and cars south and west of Galena, man killed by lightning in Chicago, buildings and power lines damaged by broken trees and lightning. Especially heavy damage Naperville and Bloomington area. Numerous reports of hail damage to crops.									
North & Central	11	a.m.			0	0	*5	C	Wind, hail, lightning
Severe thunderstorms began near midnight and continued until about 3 a.m. Wind gusts to 70 mph. Hail damaged crops in many areas.									
Northeast	13	9-11a			0	0	*5	C	Wind, lightning, hail, funnels
Power line and some structural damage from wind, lightning started at least five house fires, and hail damage to crops. Concentrated damage south Chicago suburbs and Joliet areas. Several funnel clouds reported.									
ILLINOIS (Cont'd)									
Winneshago County	13	4:35-5p			0	0	*5	C	Wind, hail
Extremely severe thunderstorm left concentrated damage path 25 miles long and occasionally up to 2 to 3 miles wide. Fifteen airplanes destroyed and others damaged at MacChesney Airport north of Rockford. Wind damaged roofs in north Rockford suburbs and destroyed farm buildings. Some hogs and cows killed by building debris and crops damaged by hail and wind. Apparently all straight line winds, damage near \$250,000. Other severe thunderstorms with hail and high winds hit west and southwest Chicago suburbs during evening.									
Northeast & Central	18	5-10p			0	0	*4	C	Hail, wind, funnel clouds
Damage mostly from broken trees and hail. Hail 1 to 2" diameter in Cook County. No wind damage evident in areas of funnel cloud reports.									
Chicago	26-27				0	0	?	?	Heavy rain, local flooding
5.29" rain fell in 17 hours at Chicago Midway Airport with local flooding of underpasses and some highways. Nearly 3" rain in one hour at Moline Airport on 26th, and more than 2" for day in several northern and central Illinois areas.									
Central	28						0	0	Funnel Clouds
A few funnel clouds reported in area between Chicago and Springfield.									
INDIANA									
Greenfield Hancock County	4	E.S.T. ?			0	2	0	0	Lightning
Two men injured by lightning while playing golf.									
Gary, Portage, South Bend	5	4:05 to 4:45 p.	?	?	0	4	4	?	Funnel, wind, rain, hail, lightning
Funnel reported by public. Four persons injured when wind hurled bus shelter against car at Gary. Funnel aloft, high winds reported at Portage and South Bend. Fire due to lightning damaged store at South Bend.									
Wakarusa Elkhart County	5	5:38 p.	?	?	0	0	0	0	Tornado
State police reported that funnel cloud touched down at Wakarusa with no damage reported.									
Anderson	5	p.m.	?	?	0	1	?	?	Wind, rain
Man injured in fall while attempting to secure equipment from high wind at amusement park during storm.									
Columbia City	5	6:50 p.							Funnel
Winchester	5	7:42 p.							Funnel
Culver (Marshall Co.), Mexico (Miami Co.), and between Winchester and Lynn (Randolph Co.)	5	?							Funnels (3)
Funnel clouds reported moving southeast.									
Richmond, 12 miles north	5	8:29 p.							Funnel aloft
Funnel reported moving southeastward.									
Leesburg	6	a.m.	?	?	0	0	*5	C	Lightning, wind caused by lightning. Loss estimated at \$150,000. Crop damage in area also heavy.
Factory building and contents destroyed by fire.									
Bedford	6	2:00 p.	?	?	0	0	4	3	Wind, rain, hail, lightning
One house trailer demolished; others damaged. Carport torn from house. Equipment of Limestone and Water Companies damaged.									
Ogden Dunes, Porter County	9	12:05 p.	Short	20	0	0	2	0	Tornado
Tornado confirmed by W.B. Observer. Minor damage to 2 houses.									
Chesterton, near	9	12:53 p.	2	?	0	0	3	0	Tornado
Resident near Chesterton reported tornado touched down 1/4 mile north of U.S. Road 5 and east of Ind. Road 49. Tornado moved eastward.									
Osceola	9	1:37 p.							Funnel
Granger	9	1:45 p.							Funnel
Renesselaer	9	2:12 p.							Funnel
Kokomo, near	9	6:53 to 6:55 p.	?	?	0	0	3	3	Hail
Hail 3/4 inch in diameter.									
Fairfield, Franklin County	10	p.m.	?	?	0	0	3	4	Hail, wind, rain
Hail, one half the size of golf balls, damaged crops.									
Greensburg	10	About 7:00 p.	?	?	0	0	2	3	Hail
Hail was golf ball size.									

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INDIANA (Cont'd.)												
Goshen, east	11	E.S.T. 3:00 a. to 5:00 a.								Funnels		
Pine Village, 4 miles south	11	4:15 a.								Funnel		
Indianapolis, 38th St. and Post Road	11	5:05 a.	?	?	0	0	3	0		Tornado		
Pendleton	11	5:06 a.								Funnel		
Mooreville	11	5:12 a.	?	?	0	0	2	0		Tornado		
Greenwood	11	5:14 a.								Funnel		
Alexandria, Madison County	11	5:25 a.								Funnel		
Grabill	11	6:20 p.								Funnel		
Mishawaka	12	p.m.			1	0	3	0		Lightning		
St. Joseph and Marshall Counties	12	p.m.	?	?	0	0	3	0		Wind, rain		
Decatur	12	p.m.	?	?	0	1	4	0		Wind		
Fort Wayne area, Allen County	12	p.m.	?	?	0	0	4	0		Wind, lightning		
Adams County	12	?	?	?	0	1	2	0		Wind		
Schereville	13	10:54 a.	Small	Small	0	0	4	0		Tornado		
Speedway, north	13	2:00 to 2:15 p.								Funnel clouds (2)		
Rushville	13	p.m.	?	?	1	0	0	0		Winds		
Richmond	13	p.m.	?	?	0	3	5	0		Wind, rain		
Rushville and Brookville, near	14	4:00 p.	?	?	0	0	4	3		Rain, Hail, lightning		
Vienne	14	5:15 p.	3	1800	0	0	3	4		Wind, hail		
Michigan City	18	7:30 p.	?	?	0	2	4	0		Funnels aloft, wind, rain		
La Porte and South Bend	18	7:55 p.	?	?	0	0	4	0		Funnel, hail, wind		
North Liberty	18	8:00 p.								Funnel		
IOWA												
Lake Okoboji	5	2:00 a.						4		Windstorm		
Adel	5	5:10 p.								Funnel		
S Dallas, S Polk, N Warren, N Marion Counties	5	5:10 p.						4	5	5	Windstorm	
Solon	5	5:15 p.									Funnel	
Ottumwa	5	7:30 p.						4	4		Windstorm	
N of Harris	9	3:30 a.	1	200				4	4		Tornado	
NE Osceola & NW Dickinson Counties	9	4:00 a.	2	3500				4	5		Hailstorm	
Ccheyedan	9	4:00a						4	5		Hailstorm	
Lamont-Strawberry Point	9	10:00 a						5	5		Hailstorm	
IOWA (Cont'd.)												
Arlington	9	10:30 a								4	Lightning	
N Delaware and Dubuque Counties	9	12:00 Noon	20							5	6	Windstorm
Dubuque	9	11:30 a	2	250						4	4	Tornado
Benton County	9	4:00 p								5	5	Hailstorm
Panora-Linden	9	4:30 p								5	5	Windstorm
Panora	9	4:30 p										Funnel
Calmar	10	9:30 p										Two funnels
Dubuque	10	10:50 p										Funnel
Readlyn	12	5:00 a						1	2			Lightning
Monona	13	1:00 p								4	4	Windstorm
Postville	13	1:00 p								5	4	Heavy rains
Fort Atkinson	13	10:00 p								5	5	Heavy rains
6SE Redfield	26	3:15 p										Tornado
NW Decatur County	26	11:30 p								5	5	Heavy rains
Cherokee	28	00:00 a										Tornado
15NW Pocahontas	28	00:30 a										Tornado
KANSAS												
Northeast portion	5	Evening	?	?	0	0		5	4			Wind, funnel aloft
Southwest Kansas	6	6:00 p. to about midnight	?	?	0	0		4	5			Hail, wind, lightning, 4 funnels aloft
Hamilton County	6	About 6:15 - 6:30 p.	?	?	0	1		4	0	2		2 tornadoes
Central, East-central, Northeast portions	6-7	Night of 6-7	?	?	0	0		4	4			Wind, hail, lightning
Decatur, Rawlins Counties	12	Night of 12-13	?	?	0	0		4	3			Wind, Hail
Kiowa County	19	About 4:30 p.										Funnel aloft
Southern Kansas	19	Afternoon & evening								4	0	Lightning
Dickinson, Morris Counties	25	Evening	?	?	0	0		4	0			Wind, rain, lightning

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM						
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS							
KANSAS (Cont'd.) Osborne, Rooks, Republic, Russell Counties	26-27	Night of 26-27	?	?	0	0	4	0	Wind, lightning	KENTUCKY (Cont'd.) North central	13	Afternoon			?	5		Wind, electrical, rain							
									Heaviest wind damage occurred at Belleville but Plainville and Osborne also had light damage. Lightning destroyed some oil tanks east of Natoma and south of Russell.									In scattered locations, damage to buildings, trees, utility lines. Several buildings burned, apparently set afire by lightning strikes. Low lying crop lands flooded at one location.							
Finney, Scott Counties	29	4:00 - 5:00 a.	?	?	0	0	5	4	Hail, wind, rain	State	14	p.m.				5	?	Wind, electrical hail							
									Crops southwest of Scott City and property and gardens in Garden City suffered damage from strong winds and hail up to 1-3/4" in diameter. Heavy rains caused flooding of some basements in Garden City.									Wind, lightning, and hail associated with scattered thunderstorms caused damage at widely scattered locations.							
									SPECIAL HAIL SUMMARY	LOUISIANA															
									Hail less Clearing House Reports indicate hail was severe on the following dates and in the following Counties:	Vermilion Parish	3	2:15 p.	Short	?	0	0	?	0	Tornado						
	7	Pottawatomie																	Small tornado at Kaglan. Man saw cloud, which looked like a dark waterspout, touch down momentarily, go up, and then disappear. Two-car frame garage was carried over neighbor's out-building, then dropped; minor damage in neighborhood to several other garages and out-buildings.						
KENTUCKY										Lake Pontchartrain	4	12:32 p.-12:39 p.							Funnel cloud aloft						
Taylor and Larue Counties	3						4	?	Hail, wind, rain, electrical										Funnel cloud aloft, moving to E, observed to N of New Orleans International Airport.						
									Hail destroyed tobacco and other crops on about 30 farms in the Spurlington section of Taylor county. An unofficial total of 5 inches of rain was reported to have fallen on one location; there was some local flooding.	Lake Pontchartrain	4	1:25 p.								Waterspouts					
Mason County	4	Afternoon					?	?	Wind, Hail, electrical	Lafourche Parish	7	About 5:30 p.	Short	?	0	0	?	0	Tornado						
									Hail stones 1/4 to 1 1/2 inches in diameter										Two waterspouts observed 3 N New Orleans International Airport.						
Henderson County	6	2:20 p.			0	0	4		Tornado	Terrebonne Parish	8	3:19 p.							Funnel cloud aloft						
									Three miles west of Henderson on U.S. 60, the storm, a probable tornado leveled a barn, uprooted large trees, and moved across the highway to the Henderson Community College where windows were forced from 6 automobiles.	Natchitoches Parish	10	Afternoon			1	5	0	0		Lightning					
Jefferson County	6	2:30 p.							Funnel cloud										Thundercloud came up suddenly. Near Redheim: Lightning, which struck top of sweet gum tree, split branches as it traveled down trunk, and killed 73-year old woman sitting at base of tree. The bolt continued into nearby farm pond. Of the 7 children swimming in the pond, 3 were numbed and received second degree burns at water level. No rain was reported.						
State	6	p.m.				?	6	?	Wind	Webster Parish	10	Afternoon			0	0	?	?	Wind						
									High winds associated with scattered thunderstorms were responsible for considerable damage, almost every section of the State reporting damage of varying types and severity. Reported damage was heaviest in the heavily populated area of Jefferson county. In that area there were hundreds of downed trees and utility lines, and thousands of homes without utilities. More than 500 men worked for several days restoring utility services. In the Louisville area, the fastest one-minute speed recorded at the Weather Bureau Airport Station at Standiford Field was 60 miles per hour; at Bowman Field a peak gust of 86 miles per hour was reported.	Orleans Parish	17	3:30 p.			1	3	0	0			Lightning				
Mason County	8	Afternoon				17	4	4	Wind, hail, electrical	Caldwell Parish	20	Near noon			0	1	0	0	Lightning						
									Hail stones 1/4 to 1 1/2 inches in diameter	St. Tammany to Livingston Parishes	20	Before 4:25 p.							Turbulence aloft						
Mason County	9	Afternoon					4	4	Wind, hail, electrical										Pilot of T38 reported moderate to extreme turbulence 23,000 to 37,000 feet from 30 NE to 30 NW of New Orleans International Airport.						
State	10	p.m.				11	5	6	Hail, electrical, wind, rain	Vermilion Parish	28	Before 9:25 a.							Funnel cloud aloft						
									Injuries and major damage were chiefly in the Blue Grass Region. Reported injuries: 10, due to wind; 1, due to lightning. In addition a number of persons were reported bruised by hail. Considerable damage was done to crops in scattered sections by hail ranging in diameter from 1/4 inch to 2 inches; there was one report of hail 4 inches in diameter. Hail also damaged automobile tops and roof tops. Lightning was reported to have set a number of buildings afire and to have damaged many electrical appliances. High winds were responsible for damage to buildings, trees and utility lines. Heavy rain at scattered locations ranged from 1 inch to more than 3 inches; there was one unofficial report of 4.7 inches; there was some local flooding and damage to crops. A pilot reported extreme turbulence at 7 p.m. C.S.T. 10 miles east of Louisville.	Lafayette Parish	29	10:45 a.-10:55 a.													Funnel cloud aloft
North central	11	p.m.						?	Wind, electrical rain	Calcasteu Parish	29	10:53 a.-10:56 a.							Funnel cloud aloft						
									Damaging thunderstorms hit this area for the second consecutive day. Reported damage was chiefly at scattered locations in the central and southern Blue Grass. Trees and utility lines were downed. There was some damage due to lightning strikes, and there was some local flooding.	MAINE															
Eastern	13	a.m.					4	7	Electrical, wind rain	Readfield	13	Late Afternoon	short	50	0	0	3	0	Tornado						
									Scattered thunderstorms in extreme eastern Kentucky were accompanied by heavy rains from 2 1/2 to 4 1/2 inches, high winds. One home was apparently set afire by lightning.	MARYLAND															
										Northern Section Hagerstown	4	3:10 to 3:30 p.			0	0	3	0	Wind, hail						
																			Gusts, estimated over 60 mph, blew out store windows and downed trees and power lines. Hail, to the size of peas, was also reported but damage was not indicated.						

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MARYLAND (Cont'd) Eastern half of state	5	Afternoon			0	0	5	3	Lightning, rain, hail
									Lightning caused fires which destroyed several homes, barns and other buildings in widely scattered areas and damaged many others. Loss to one of the homes was estimated at \$39,000. An estimated 3 inches of rain in about an hour fell in the Queen Anne area. Here also, several persons witnessed an unusual whirlwind which swept up straw from a field to a considerable height and scattered it in utility wires and trees. Hail, as large as marbles, caused some damage to crops in Wicomico County.
Deep Creek Lake, Garrett County	19	Afternoon			0	0	3	0	Lightning
									A sail boat, valued at \$3,000, was struck by lightning and completely destroyed.
Near North East	27	Night			0	0	3	0	Lightning
									Fire, caused by lightning, destroyed a repair shop and its contents at Black Hills Ranger Station.
MASSACHUSETTS									
Central and eastern sections	7	Afternoon			0	0	5	0	Electrical, rain
									Thunderstorms most numerous and severe in Hampden County and coastal counties. Considerable damage from flooded basements and cellars in some communities as drains became clogged. Major damage resulted from lightning-started fires.
Western counties	8	Afternoon			0	0	4	0	Electrical, wind and rain
									Storms were generally brief but damaging. Trees, limbs and power lines were downed in many areas. Numerous fires were sparked by lightning. Wind gusts over 65 mph reported at Chester.
Statewide	10	Evening			0	0	5	4	Electrical, Hail Wind and rain
									Severe thunderstorms affected all parts of the state and were attended by hailstorms in numerous areas. The storms caused widespread power failures and fires, local flooding and washouts. Crop damage from hail was heaviest in the tobacco fields of Hampden and Hampshire Counties and in fruit orchards and berry fields of central and western parts of the state. Widespread power failures were caused by lightning-struck transformers and tree-felled wires. Heaviest losses resulted from lightning-started fires.
Coastal counties	12	Afternoon			0	0	4	3	Electrical, wind, hail
									Many communities experienced power failures caused by lightning-struck transformers and tree-felled wires. Torrential showers, locally flooded low-lying roads and underpasses, cellars and basements. A number of lightning strikes started fires, accounting for much of the total storm losses.
East Pepperell	16	2 p.m.			0	0	0	0	Dust devil
									Dust devil lifted hay and weeds up to 300 feet high.
Statewide	19	Afternoon			0	0	5	3	Electrical, wind, rain, hail
									Thunderstorms attended by scattered occurrences of hail, were general in nearly all sections of the state. Northern sections of the state and Berkshire County appear to have been hardest hit. In Pittsfield, water damage in a school reportedly amounted to \$5,000. A lightning-started fire in Quincy caused an estimated \$20,000 loss. Flooded cellars and basements in local areas contributed to the total storm losses. Wind uprooted some fruit trees in North Pepperell.
Chester	26	1 p.m.	1/2	20	0	0	3	0	Thunderquall
									Cooperative observer reported gusts to 70 mph. Violent wind and hail squall cut swath through wooded area toward the southeast about a mile south of the town.
Essex County	26	afternoon			0	0	4	0	Electrical, wind, rain
									Storm affected northern portion of the county between Lawrence and Newbury, and was most intense in the Haverhill area. Widespread power failures were reported due to lightning-struck transformers and tree-felled wires. Local torrential showers flooded streets, cellars and basements. Lightning strikes also sparked a number of fires.
MICHIGAN									
Berrien Springs, Berrien County	5	mid-afternoon			0	0	3	0	Funnel Cloud Wind
									One man observed tail of a funnel cloud dip down and pull back up. Later that afternoon, wind overturned a trailer at Edmondsburg in Cass county. This could have been the same storm judging from times given and observed movement of this storm. Lightning also started some fires in this area.
1 S. Colon, St. Joseph County	9	3 pm	1/2	10	0	0	4	0	Tornado
									Tornado on southwest shore of Palmer Lake destroyed one unoccupied house trailer and damaged at least twelve other buildings.
Southern 1/3 of lower Michigan	9	1-4:30pm			0	0	5	0	Thunderstorms Lightning
									Line of the thunderstorms and wind moved over southern Michigan flipped over air craft at Dowagiac, capsized many boats in Monroe and Wayne counties, destroyed two barns, one each in Allegan and Kent counties. Lightning started fires accounted for the loss of three additional barns in Roscommon, Genesee and Eaton counties.
Niles, Berrien County	11	10 am			0	0	0	0	Funnel Cloud
									Funnel observed over Jerry Tyler Memorial Airport.
Coopersville, Ottawa County	12	4 am	2	30	0	0	4	0	Tornado
									Tornado touched down, damaging barns, demolished a barn and felled several trees along its path. It moved east Southeast.
Southeastern Michigan	12	9am-2pm			2	0	5	?	Squall line
									Squall line moved Southeastward from Traverse City to Mt. Clemens area with heavy damage observed from the Midland area on south southeastward. The line was about 70 miles long at its maximum intensity and produced peak winds of 60-75 miles per hour. Heavy rain and high winds caused localized flooding and many auto accidents, one resulted in two fatalities near Ann Arbor. Two planes were destroyed, four others damaged at Custer Airport near Monroe, one plane was destroyed at Ann Arbor. Possibly a small twister aloft was imbedded in the squall line at Ann Arbor where the second story of a building, under construction, was described as simply exploding when the storm hit. Hail the size of golf balls fell in the Belleville and New Boston areas southeast of Ann Arbor. Total damage estimates at Monroe Airport and Auburn alone exceeded \$80,000. Some crop damage also was reported.
New Buffalo Berrien County	18	7:30 pm			0	1	5	0	Thunderstorm
									Severe thunderstorm, winds estimated at more than 75 mph, demolished two buildings and up rooted trees. While some witnesses said a funnel aloft was observed there was no indication of rotary motion in the debris. One person hospitalized with a concussion.
MINNESOTA									
Indian Lake Township, Nobles County	2	3a	3	?	0	0	4	0	Tornado
									Touched down a number of times while moving from west to east. Damage to structures on 3 farms and a park area.
Norcross - 6 NE, Grand County	2	6p			0	0	4	2	Wind.
									High winds did damage on two farms.
Glenwood (near), Pope County	4	4:15-5:30p	?	?	0	0	4	4	Tornado, wind, hail
									Damage to farm buildings and crops in area 18 mi. long and 12 mile wide. Large hail covered ground in some sections to depths of 2 inches.
Detroit Lakes (near), Becker County	4	6p			0	0	5	4	Hail, wind.
									Hail up to 12 inches in circumference did extensive damage. Windows broken and car roofs bent. On turkey farm stones as large as softballs tore through aluminum roof killing many birds and causing \$10,000 damage. This is believed to be the largest hail (in circumference) ever to fall in Minnesota.
Elbow Lake, Grant County	4	7:30p			0	0	4	?	Wind.
									Damage to farm buildings.

See reference notes at end of table.





# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

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					KILLED	INJURED	PROPERTY	CROPS	
MISSISSIPPI (Cont'd.) Coahoma County	20	1115C			0	0	4	?	Windstorm
Forrest County	20	1315C	1	200	0	0	5	0	Tornado
Chickasaw County	29	1530C			1	0	4	0	Windstorm
MISSOURI									
Cape Girardeau, Cape Girardeau County	15	8:45-10:55 PM					5		Thunderstorms
MONTANA									
Choteau (2 miles southeast Teton County)	2	3:30 P	3/4	50	0	0	0	0	Tornado
Eastern Teton, western Chouteau, and north portion Cascade Counties	2	3-4 P	30	*5	0	0	4	6	Thunderstorm and hail
Northeast Montana	4	3-4 A	75	*15	0	0	5	6	Thunderstorm, hail, heavy rain, high wind
Eastern Montana	8 & 10				0	0	0	6	Lightning
Teton, Pondera, and Toole Counties	14	Late Afternoon	3	40	0	0	2	4	Thunderstorm, hail, wind, rain
Fergus and Phillips Counties	19				0	0	0	6	Lightning
Custer National Forest near Ashland, Montana	19				0	0	0	6	Lightning
Northern McCone County	22	evening	10	*3	0	0	0	4	Hail
Northeast of Miles City, Custer County	22	6-7 P	40	*3	0	0	5	6	Funnel clouds, thunderstorm, heavy rain, high wind
Whitefish, Flathead County	24	8:37 P	3	*1	0	0	4	0	Thunderstorm and hail
MONTANA (Cont'd.) East Helena, Lewis & Clark County	24	3-3:30P	?	?	0	0	0	4	Thunderstorm, gusty wind
Billings, Yellowstone County	25	7:00 P	25	*1/2	0	0	6	5	Thunderstorm, Hail, high wind
Broadus (11 mile southwest), Powder River County	25	5:00 P	2	100	0	0	2	3	Tornado, hail
Southeast Fallon County	27	2:40 A	40	3	0	0	0	4	Hail
East Valley and southwest Daniels Counties	28	Afternoon	20	*4	0	2	4	5	Thunderstorm, hail, high wind
Martinsdale (8 miles south), Meagher County	29	Afternoon			0	0	0	6	Lightning
NEBRASKA									
Southeastern Nebraska	5	Afternoon	120	90*	0	1	4	4	Hail and Damaging Winds
9 Mi N of Kimball	6	3:30 p	Short	Narrow	0	0	4	0	Tornado
Panhandle	6	3:30 p - 6:55 p	70	25*	0	0	4	5	Hail and Damaging Winds
Southern Panhandle	6	Afternoon			0	0	0	0	Funnel Clouds
Northeastern Nebraska	6	5:30 p - 7:15 p			0	0	0	5	Hail
loomis	6	9:45 p			0	0	0	0	Funnel Cloud
Hall to Saline County	6-7	10:30 p - 12:20 a	75	2*	0	0	0	4	Hail
Near Fairbury	7	Early am			0	0	4	0	Lightning
Near Fairbury	7	Early am			0	0	0	0	Funnel Clouds
Lincoln	12-13	?			2	0	0	0	Heat
Eastern half of Nebraska	26	Afternoon & Evening			0	0	5	4	Severe Thunderstorms
2 1/2 N North Mitchell	31	Night	Spot	Spot	0	1	0	0	Lightning

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
<b>NEVADA</b>									
NEW HAMPSHIRE									
Southern sections	12	Afternoon			0	0	0	3	Hail
									Widely scattered occurrences of hail caused minor crop damage.
Pittsburg	13	2:20 p.m.	1/2	35	0	0	3	0	Tornado
									Storm moved from the northwest toward the southeast. Visibility reduced by wind and rain - funnel not observed. Boat seen flying over 2-story building - in air for about 300 yards. South side of barn was blown out. Two 18-inch trees completely uprooted.
Hollis	19	3:30 p.m.	1/2	300 to 500	0	0	3	2	Tornado
									Tornado moved from north to south-southeast. Storm destroyed a barn (apparently it exploded) and twisted off trees near trunk level.
Flaistow	26	2:25 p.m.	Very short	narrow	0	0	3	0	Tornado
									Relatively weak funnel demolished barn. Roof lifted 50 feet into air and dropped onto nearby trees. Accompanied by sudden roaring sound and followed by extremely heavy rain. Storm moved eastward.
Weirs Beach	27	2:30 p.m.	1/8	10	0	3	2	0	Dust devil
									Dust devil developed on hot sands of beach and moved southeastward. The beach suddenly erupted into a scene of scurrying bathers, flying umbrellas, folding chairs and other beach gear. A lifeguard on duty at the guard's tower was struck by the falling structure and received treatment for a badly bruised back. Two children received minor injuries from flying debris.
<b>NEW JERSEY</b>									
Belmar, Monmouth County	4	Evening					2		Hail
									Hailstorm late in evening did some crop damage in Monmouth County. Scattered reports of similar damage in other areas of the State.
Salem and Gloucester Counties	19	Evening					2		Wind, electrical
									Thunderstorms with very heavy rain, accompanied by lightning strikes and wind damage, passed across the State. Damage was reported from observers at Glassboro, Gloucester County, and Deepwater Point, Salem County.
<b>NEW MEXICO</b>									
Valencia County	5	6:30 p.	1/5	17	0	0	2	0	Tornado
									Brief tornado, with lead rear, damaged barn, glass, trees and electrical lines at Los Chaves, 5 miles north of Belen.
Union County	23	Afternoon			0	0	2	0	Hail
									Hail to 1-inch diameter at Capulin damaged glass, reefs, autos and gardens, accumulating to as much as 2-feet depth.
<b>NEW YORK</b>									
Central and East Central	6	1 p.m. to 7 p.m.			1		5		Electrical, rain wind
									Electrical storms produced very heavy rains within city of Syracuse between 1:30 and 3:30 p.m. Widespread flooding of streets, underpasses, parking lots, basements and low lying areas resulted with considerable water damage to property, cars abandoned in several feet of water. High winds downed trees, limbs and power lines in city and metropolitan area. Pedestrian stunned by nearby lightning strike. Heavy rains also hit Troy in early evening with similar effects. Winds unroofed furniture store at Burnt Hills, Saratoga County. Lightning fire destroyed dairy barn in Oswego County.
Hudson Valley and Long Island	10	p.m.					5	5	Hail, wind
									Hail more than one inch in diameter caused widespread damage to apple and cherry orchards in Columbia County of the mid Hudson Valley region. Total loss estimated between \$300,000 and \$500,000. Winds accompanying storm uprooted small industrial factory in Hudson, while lightning fire heavily damaged church at New Lebanon, also in Columbia County. High winds downed trees and limbs in Troy and Hoosick Falls with at least one home and several smaller buildings heavily damaged; power failures also occurred. Hail reported at Troy but damage apparently minor. Lightning blamed for fire which partially destroyed textile factory at East Northport, on Long Island. Other wind damage to property was reported from such widely separated localities as Missena in the St. Lawrence Valley and on Grand Island in extreme western New York State.
West Central to East Central	19	5 a.m. to 5 p.m.			1	2	5	4	Wind, electrical, rain
									Thunderstorms, which were active in the early morning hours in west central sections and again in the afternoon and evening in central and eastern sections, concentrated their destructive fury in the East Greenbush and Nassau Communities of Rensselaer County between 2:30 and 3:30 p.m. Although a tornado is strongly suspected, it could not be substantiated by funnel sighting or the unusual
<b>NEW YORK (Cont'd)</b>									
Steuben and Chemung Counties	27	afternoon					4		Heavy rain, wind
									noises that accompany such storms. In these two communities 4 light aircraft and hangar demolished, several house trailers overturned. Church unroofed and many big trees and limbs down with considerable damage to houses and other buildings. Two boys injured when car in motion smashed by falling limb in Troy. Severe local flooding with cars inundated in parking lots in Albany and Schenectady as precipitation totaled 2.25 to over 3.0 inches in upper Hudson Valley. Elsewhere, not killed by lightning while under a tree in Auburn. Motel near Utica, 3 hours in Oswego, 2 in Albany area and a trailer home at Groton damaged by lightning fires. Barn at Waterloo, Seneca County and two small farm sheds at Dryden, Tompkins County destroyed by fires. Winds destroyed two empty silos at Red Hook, Yates County and caused scattered power failures and property damage from eastern Finger Lakes to the Hudson Valley and south to the Westchester-New York City area.
<b>NORTH CAROLINA</b>									
Polk, Stanly, Transylvania Counties	3	3-5 pm					4	3	Electrical, hail, wind
									Lightning damaged home at Columbus, hail damaged cotton crop nearby areas. Wind unroofed large building near Albemarle. Lightning killed several cattle under trees.
Mountains, Piedmont, South & Central Coastal Plain	4	Aftn & evening			0	1	5	5	Electrical, hail, wind
									Widespread thunderstorms scattered over most of state caused damage all areas except northeast. Woman in Winston-Salem injured by lightning. Hail damaged crops, mostly tobacco, many areas. Wind destroyed or damaged several warehouses and outbuildings.
Burke, Johnston, Lee, Lenoir, Pitt, Vance, Warren, Wayne, Wilson Counties	5	Aftn & evening					4	5	Electrical, hail, wind
									Thunderstorms again caused damage scattered over considerable areas. Wind and lightning damaged power facilities; hail damaged crops, mostly tobacco.
Famlico, Wilson Counties	6	1-2 pm					5	0	Electrical
									Lightning struck school buildings at New Bern and Saratoga, causing extensive damage.
Buncombe, Cherokee, Mecklenburg, Perquimans Counties	7	6-9 pm					4	0	Electrical
									Lightning burned home near Hertford, damaged power and communication facilities several areas.
Onslow County	8	9:47 am					0	0	Funnel cloud
									Reported by aircraft, east of Jacksonville.
Columbus, Cumberland, Duplin, Lenoir, New Hanover Counties	9	noon-4pm					4	6	Hail, rain, wind
									Hail hit crops several areas, with great damage to tobacco in Columbus County, where hailstones up to an inch in diameter were reported. Wind gusts to 92 mph reported at Wilmington, with some hail and more than 5 inches of rain in 3 hours.
Beaufort, Cumberland, Transylvania Counties	11	Aftn & evening					4	4	Electrical, hail, rain, wind
									Thunderstorms in widely separated areas. Lightning burned a home. Hail and heavy rain damaged crops, wind uprooted trees and damaged farm buildings.
Durham, Wake Counties	14	night					4	0	Electrical, wind
									Lightning caused two fires in Durham, destroying a large barn with equipment and farm animals; damaging one home. Limbs blown from a tree crushed an auto and broke power lines in Wake Forest.
Carteret, Catawba, Cherokee, Craven, Lee, Lenoir, Mecklenburg, Polk Counties	15	11am-9pm					4	0	Electrical, rain, wind
									Lightning-set fires destroyed two homes and several outbuildings, damaged others in widely separated areas. Wind and rain damaged house trailers and frame houses, boats and power facilities
Catawba, Iredell, Mecklenburg Counties	19	1-4 pm					4	0	Electrical, rain, wind
									Wind unroofed grocery, rain damaged merchandise. Lightning set several fires.
Alexander, Cumberland, Haywood, Johnston, Nash, Richmond, Robeson, Sampson, Wilson, Counties	29	1-4 pm			1	5	4	4	Electrical, hail, wind
									Lightning killed a man and injured his three sons in a Cumberland County pasture; also killed three ewes and a valuable trained porpoise, set several fires. Wind blew down power poles; two persons injured by wind-driven objects. Hail damaged tobacco crop.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

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	
NORTH DAKOTA									
Morton County	3						4	6	Heavy hail, rain
In an area 6 miles wide and 35 miles long, from south of Mandan to north of Glen Ullin, all crops were totally destroyed. Amounts of 3½ to 5 inches of rain were reported.									
McLean and Sheridan Counties	8	afternoon					4	5	Tornado, heavy hail, rain high wind
Near Mercer, in an area 8 miles wide and 20 miles long crops were nearly all wiped out by walnut-size hail and rain. Many windows were broken. An area southwest of Underwood also received heavy losses. Winds of 50 to 60 m.p.h. accompanied by rain caused severe loss. A small tornado north of Mercer destroyed a barn. Losses were light near McClusky.									
Wells County	8	afternoon					4	5	Heavy hail, rain
More than 1½ inches rain added to the heavy hail caused severe crop damage.									
Barnes County	8	night					4	4	Hail, high winds
Several farm buildings and three resort cabins were destroyed by high winds.									
Richland and Ransom Counties	10	afternoon					4	5	High wind, large hail
In a six-mile long area near Fairmont nearly 100% crop damage occurred, due to heavy hail. A number of barns and several farm-houses were badly damaged or destroyed by high winds. More than 35,000 acres of crop land were adversely affected by wind and hail in the area. Hail stones as large as golfballs were reported at Lisbon.									
Adams and Bowman Counties	12	4:00 p.m.					4	4	Tornado, heavy rain, high winds
Three miles northeast of Hettinger a farmstead was severely damaged by a tornado. Large trees were broken and blown down. A six inch rainfall caused flash floods in small streams and four persons perished when their automobile was swept down a rain-swollen tributary of the Cannonball River. Parts of Bowman were flooded and 50-60 m.p.h. winds caused considerable damage. Small hail and rain caused some crop damage. Several highways were washed out as was a railroad bed.									
McLean County	15	6:30 p.m.					4	4	Rain, high winds, hail
A trailer-house and several out-buildings were destroyed near Washburn. Some hail damage to crops.									
Williston	20	6:55 p.m.					4		High winds
More than 30, many of them large, trees were blown down during a thunder and lightning storm with winds up to 69 m.p.h. A large warehouse roof was peeled off and utility sheds destroyed. A major electric power outage at 7:22 p.m. resulted when a high-power line pole was knocked down. Telephone service was interrupted for short periods.									
Steele and Cass County	22	afternoon					5	4	Heavy hail
Along a 50-mile long strip, about 2 miles wide, from near Sharon southeastward to south of Page and eastward into Cass County hail destroyed or severely damaged most crops.									
Griggs, Steele, Barnes and Cass Counties	23	afternoon					4	6	Heavy hail
Hail, up to one-inch in diameter, destroyed many crops over a 70-mile path, extending in a 2½-mile wide path from Cooperstown southeastward to Pillsbury, south to Valley City then eastward into Cass County. Buildings were pock-marked and many windows broken.									
Richland County	23	afternoon					4	6	Heavy hail, rain
Heavy hail, some as large as baseballs, completely wiped out a strip of farmland six miles wide on the north and two miles wide on the south over a 22-mile path. Along the fringe areas damage ranged from slight to severe.									
Fargo (12 miles west)	23	2:20 p.m.							Tornado
Morton County	25	4:00 p.m.					4	4	Heavy hail, wind
Benson County	25	8:45 p.m.						6	Heavy hail, rain, high winds
Over a 50-mile, northwest to southeast path, hail, rain and high winds caused severe damage and lodging of small grains. Rains amounted to up to 5 inches. Flash floods occurred in normally dry coulees.									
Griggs and Steele Counties	25	night					4	4	Tornado, high wind heavy rain, lightning
In Sharon about 50 trees were uprooted or broken off, a radio tower and large chimney were blown down, and some buildings sustained minor damage. A tornado, reported 5 miles north of Finley, occurred during a severe lightning storm.									
Mercer County	26	midnight							Heavy rain
Heavy rains south of Hazen of up to 5½ inches, falling during the six hours after midnight on the 26th, caused many normally dry washes to flood.									
NORTH DAKOTA (Cont'd)									
Colfax (3½ miles NE)	26	12:50 pm						4	Tornado, hail
Sharon	26								Funnel Cloud
Finley (5 miles east)	26								Funnel Cloud
Grand Forks (10-15 SW)	26	3:00 pm							Funnel Cloud
Davenport	26	3:00 pm							Funnel Cloud
South central North Dakota	31	afternoon and evening				10	6	6	Tornadoes, heavy hail, high winds, heavy rain.
A wide-spread violent storm which covered much of 17 North Dakota counties spawned seven tornadoes and left many thousands of acres of crops a complete loss. Heavy hail, reported in many areas of walnut to golfball size, was as large as a baseball in the Hazen area. High winds of over 60 mph accompanied by hail struck Dickinson at 4:00 pm and uprooted trees and felled power lines. Many windows were broken and eight persons were treated for cuts caused by flying glass. An estimated \$1 million loss resulted from hail, rain and wind damage. Many crops were totally destroyed. Two tornadoes, moving northeastward, were sighted six miles south of Linton. Eleven miles north of Selfridge another tornado was reported. A tornado, which struck Ellendale about 8:00 pm ripped off the roof of a large elevator, fell on a power plant, and caused a 12-hour power outage in the city. Several other roofs were ripped off or displaced and metal siding was removed. Five of eight baseball park light towers were toppled. Many business buildings lost plate-glass windows and trees were uprooted and broken. A tornado south of Ashley caused damage on five farms, and one death and 3 injuries after it moved southward into South Dakota. In Mercer County a tornado 8 miles east of Hazen wrecked a 3,000 bushel grain bin. Another tornado sighted near Lisbon caused only minor damage. Heavy rains, reported up to and over 4 inches at many places, caused much damage and, coupled with the wind, severely lodged small grains. In the southeast however the 4.02 inches of rain, which all fell in less than two hours, was welcomed because it broke a severe drought.									
Fort Yates (8-14 miles NE)	31	6:55 pm							Funnel cloud
OHIO									
Scattered Areas Throughout State	4	Afternoon				1	0	5	Wind, Electrical
Lightning and high winds caused extensive damage to electrical distribution systems and utility lines in many southeast and South Central communities. A barn and several smaller buildings were destroyed by high winds in the Wauseon area. A man was struck by lightning and killed 3 miles north of Marietta at approximately 3:30 PM.									
Most Sections of Ohio	9-10	2:00 PM -5:00 AM				1	8	6	Rain, Wind, Hail, and Electrical
Severe thunderstorms were reported in most areas. Most damage caused by wind. Three barns were destroyed in the Upper Sandusky area, 2 by lightning-set fires and 1 by high winds. A woman and child were injured in the same general area when a tree fell on their car. At Mansfield winds gusting up to 50 mph knocked down power lines, trees, and damaged homes and businesses throughout the area. Winds toppled the tower of Radio Station WEST and lightning set fire to a wheat field near Van Wert. Lightning was blamed for starting fires at a Columbus lumber company, an oil company near Canton, and a saw mill at St. Henry. Damage from these fires is expected to exceed \$450,000. Many parts of Hancock County received 3 to 6 inches of rain and resulted in flash flooding. At midnight the Blanchard River in Findlay was 10 feet above normal. High winds destroyed a house trailer and injured 6 persons 9 miles Southeast of Defiance. A Dayton resident was electrocuted by a power line blown down near his home. Golf ball size hail was reported in Western Montgomery County.									
Marysville	10	2:00 AM	2	150	0	0	4		Tornado and Rain
A tornado was observed 4 miles east of Marysville during a severe electrical storm. The tornado first struck in a woods and moved southward for approximately two miles. Two sets of farm buildings 1 mile apart were destroyed. Heavy rain both before and after the tornado did no damage in this area.									
Peebles	10	5:00 PM				0	0	4	Rain and Electrical
One and 3/4 inch hail was reported in the Dayton area. High winds and lightning knocked down trees, chimneys, electrical lines and television antennas in the Peebles area. Three school buses were damaged when a garage in which they were stored was blown down by the winds. Trees fell on 3 cars. Windows were shattered and home owners reported that rains caused considerable damage.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM																																										
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OHIO (Cont'd.) North Central Counties	12	2:00 AM - 9:30 PM			0	0	0	0	Rain, wind, hail, and Electrical																																										
	<p>A torrential downpour flooded homes, streets, and low-lying areas in Erie, Sandusky, Huron, and Ottawa Counties. Hardest hit was Sandusky where the rain began about 2:00 AM EST, and totaled 10.51 inches by 9:30 PM. Rainfall amounts for various periods were:</p> <table style="margin-left: 20px; border: none;"> <tr> <td>Time (EST)</td> <td>INCHES</td> </tr> <tr> <td>0200 to 0730</td> <td>6.01</td> </tr> <tr> <td>0730 to 0920</td> <td>2.98</td> </tr> <tr> <td>0920 to 1010</td> <td>0.55</td> </tr> <tr> <td>1010 to 1500</td> <td>0.27</td> </tr> <tr> <td>1500 to 2130</td> <td>0.70</td> </tr> <tr> <td><b>Total</b></td> <td><b>10.51</b></td> </tr> </table> <p>Prior to this rainfall, the record 24-hour rainfall was 5.95 inches on June 24-25, 1937. Other rainfall amounts over North Central Ohio are given below:</p> <table style="margin-left: 20px; border: none;"> <tr> <td>Location</td> <td>24 hrs ending 0700E 7/12/66</td> <td>24 hrs ending 0700E 7/13/66</td> <td>Total</td> </tr> <tr> <td>Bucyrus</td> <td>2.90</td> <td>1.80</td> <td>4.70</td> </tr> <tr> <td>Fremont</td> <td>4.44</td> <td>1.93</td> <td>6.37</td> </tr> <tr> <td>Galion</td> <td>2.76</td> <td>1.48</td> <td>4.24</td> </tr> <tr> <td>Norwalk</td> <td>6.93</td> <td>0.86</td> <td>7.79</td> </tr> <tr> <td>Tiffin</td> <td>1.43</td> <td>1.92</td> <td>3.35</td> </tr> <tr> <td>Upper Sandusky</td> <td>0.73</td> <td>2.36</td> <td>3.09</td> </tr> </table> <p>Wind damage was also quite extensive. Lightning ignited a crude oil storage tank east of Lindsey in Sandusky County. Camp Perry reported 1 inch hail. Damage estimates in Erie County have been set at \$5.1 million.</p>										Time (EST)	INCHES	0200 to 0730	6.01	0730 to 0920	2.98	0920 to 1010	0.55	1010 to 1500	0.27	1500 to 2130	0.70	<b>Total</b>	<b>10.51</b>	Location	24 hrs ending 0700E 7/12/66	24 hrs ending 0700E 7/13/66	Total	Bucyrus	2.90	1.80	4.70	Fremont	4.44	1.93	6.37	Galion	2.76	1.48	4.24	Norwalk	6.93	0.86	7.79	Tiffin	1.43	1.92	3.35	Upper Sandusky	0.73	2.36
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Many Areas Western Half of State	12	4:00 PM - 11:30 PM			1	0	6	0	Rain, Wind Hail, and Electrical																																										
<p>Violent thunderstorms with high winds and torrential rains lashed the Western half of Ohio, knocking out electric and telephone service to thousands of persons. Most of these areas also reported damage to buildings. A Lima man was struck by lightning and killed while playing golf. Inch size hail was reported in Bowling Green. Hardest hit was Plain City where winds demolished several house trailers, damaged three airplanes, a boat factory, and numerous buildings. The straight-line winds also destroyed or damaged numerous trees as the squall moved southeastward through the area. Major damage was confined to a 4 mile wide path running an equal distance northwest and southeast of Plain City.</p>																																																			
Southwest Ohio	13	3:30 PM - 4:30 PM			3	6	6	0	Rain, Wind, Hail, and Electrical																																										
<p>Southwest Ohio was hit by a deadly windstorm that caused 3 deaths, 6 injuries, and over a million dollars worth of damage. Middletown and Cincinnati were especially hard hit. In Middletown, 92 mph gusts were recorded. Trees and utility lines were reported blown down. Buildings lost their roofs, signs, and plate glass windows. A 300-foot tower belonging to Radio Station WFPB was flattened. A \$175,000 fire was started by 4 lightning strikes. Hail up to 1/2 inch in diameter was reported in the Cincinnati area. The storm moved southeast.</p>																																																			
Scattered Areas Over State	14	1:00 PM - 7:00 PM			2	0	6	0	Rain, Wind, Hail, and Electrical																																										
<p>In the Cincinnati area, winds up to 58 mph damaged roofs, uprooted trees, smashed windows, and downed utility lines. A man was struck by lightning and killed at his home near Owensville in Clermont County. Four power towers were downed by wind near Franklin. A young girl was swept into a storm sewer in Zanesville. Strong winds also caused extensive damage in the Ada, Kenton, and La Rue areas.</p>																																																			
Youngstown	19	1:30 AM - 5:00 AM			1	0	5	0	Rain, Electrical																																										
<p>A Youngstown woman suffered a fatal heart attack after becoming frightened during a severe electrical storm. Lightning was blamed for setting a \$50,000 fire in downtown Youngstown.</p>																																																			
Port Clinton	24	Afternoon			0	1	4	0	Rain, Electrical																																										
<p>Thunderstorms dumped more than two inches of rain on the area in less than 90 minutes. A young girl was injured when struck by lightning. Five fires were attributed to lightning. The storm moved eastward.</p>																																																			
OKLAHOMA Hugo area, Choctaw County	2	About 5:15p.- 6:05p.	1	*1/2	0	0	4	0	Wind																																										
	<p>Straight east winds 2.3 miles west of Hugo damaged a barn and home, blow down several sheds and toppled trees, signs and a power line. Rainfall was unofficially measured at 2.75 inches.</p>																																																		
Kay, Noble, and Payne Counties	22-23	9:20p., 22nd - 2:00p., 23rd	65	*25	0	0	4	0	Rain, hail, electrical, and wind																																										
<p>Very strong thunderstorms moved southeastward across the area with heavy rains lasting about an hour. Heaviest totals varied from 3.30 inches at Ponca City to 3.79 inches at Stillwater and 4.6 inches at Perry. One unofficial report indicated 5.6 inches</p>																																																			
OKLAHOMA (Cont'd.)																																																			
	<p>of rain on the south side of Stillwater. Flat hail up to 1 1/4-inch size fell on the south side of Blackwell. High winds at Stillwater downed trees and limbs, damaged a car and trailer home, toppled a 30-foot sign and bent another at a 45-degree angle. Numerous small fires were set and electrical outages were caused by lightning.</p>																																																		
Kingfisher, Logan, Oklahoma, Lincoln, and Seminole Counties	23	4:20a.- 11:30a.	80	*20	0	0	1	1	Rain																																										
<p>A cloudburst at Cashion provided an unofficial measurement of 6.0 inches which fell between 8:00 AM and 9:45 AM. Other rainfall lasting two to three hours was locally heavy with 3.30 inches at Prague, 3.24 inches at Chandler, and 4.00 inches at Arcadia. Up to 3.25 inches fell at Seminole where Carter Creek caused brief minor flooding.</p>																																																			
Noble, Cleveland County	23	5:34a.- 5:40a.		Short Narrow	0	0	0	0	Tornado																																										
<p>Workers at an oil well rig 1 mile southwest of Noble observed a small tornado on the ground in open country and watched it draw back up into the clouds at 5:40 AM. No damage was reported.</p>																																																			
Anadarko, near, Caddo County	25	Afternoon	1	?	0	0	0	0	Hail																																										
<p>Hail up to 1-inch size fell in the Oney Community without causing roof or crop damage.</p>																																																			
Hobart, Klawo County	25	5:23p.			0	0	0	0	Wind																																										
<p>Personnel at FAA Flight Service Station reported wind gusts up to 58 MPH. No damage was reported in the area.</p>																																																			
OREGON Central, Southwest Oregon	9	Late afternoon and evening			0	5	4	4	Lightning storm accompanied locally by heavy rains hail, gusty winds																																										
<p>Lightning storm along most of the Cascade Mountains and extending westward into Rogue Valley and east to Klamath Basin. Accompanying hail caused severe damage in small orchard and garden areas of both Upper Hood River and Rogue Valleys. Heavy rains eroded limited acreage hillside berry fields, destroyed several hundred acres of hay, small acreage of grain in Klamath Basin. Winds also caused some orchard damage.</p>																																																			
Rogue River Valley, Central and Southern Cascades	13	Late afternoon			0	0	3	4	Lightning storm, heavy rain, hail																																										
<p>Fairly severe lightning storm accompanied by heavy rains and hail in Medford area of Rogue River Valley. Lightning strikes in forests of Cascades started some fires but mostly extinguished by accompanying rain. Remainder controlled without significant damage. One of the heaviest short period rainfalls of record at Medford. Greatest totals were: 5 minutes, 0.51 inch; 10 minutes, 0.81; 30 minutes, 1.04. Lightning strikes on power installations caused numerous service outages.</p>																																																			
Cascade Mountains, North Central Oregon	15	Afternoon and evening			0	0	4	4	Lightning, hail, heavy rains, gusty winds																																										
<p>Lightning storms in Cascades and sizable portion of north central Oregon struck power installations causing widespread power outages lasting from a few minutes to more than an hour. Accompanying rains produced heavy runoffs in some normally dry arroyos which badly damaged several farm buildings and fences, caused severe erosion, washed out stretches of highway and at least one bridge on county roads. Many lightning-set forest fires but all were extinguished before reaching major proportions. Considerable acreage wheat and barley small amount of hay was destroyed in southern Morrow and Gilliam counties.</p>																																																			
PACIFIC AREA	None reported																																																		
PENNSYLVANIA																																																			
Southwestern Counties	4	Late Afternoon						4	Thunderstorms																																										
<p>Lightning fired several homes and a barn, while strong winds downed trees and utility lines. Near Washington, a falling tree demolished a new house trailer. At Donora, a new car was nearly demolished when a large tree fell on it. Heavy rain, accompanying the storms, caused minor local flooding of streets for a time.</p>																																																			
Bethlehem	4	Afternoon						3	Wind																																										
<p>Strong, gusty winds, accompanying thunderstorms, downed trees, utility lines, television antennae, and display signs. Several roofs were damaged and a ferris wheel knocked over by the wind.</p>																																																			
Near Sunbury	4	Afternoon						4	Thunderstorm																																										
<p>Several buildings and a barn were unroofed by strong winds which accompanied the thunderstorm. Lightning set fire to a novelty company plant causing extensive damage.</p>																																																			
Near Ambler	4	3:45 P.M.	.2	20				5	Twister																																										
<p>Strong wind from the twister ripped six private planes from their moorings at a small airport. Two of the planes were completely destroyed and the others severely damaged.</p>																																																			

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>PENNSYLVANIA (Cont'd.)</b>									
Milroy	6	4:00 P.M.					5		Lightning
Lightning fired a furniture warehouse which was gutted completely by flames, destroying a large stock of furniture.									
Lancaster County	6	7:00 P.M.					5	3	Thunderstorm
Lightning caused a score of fires, including a house and barn, many trees were felled by strong winds, and roadways and fields were flooded by heavy rains accompanying the storm. A large tobacco shed was also demolished by the high winds.									
Near Elmhurst	8	Afternoon					4		Lightning
Lightning fired a hose which was completely destroyed, along with all contents.									
Armstrong County	10	Morning			2		4		Thunderstorms
In Belknap an elderly couple were killed by fire when lightning ignited their home.									
Southeastern Counties	19	Evening					5		Thunderstorms
Several homes and a number of barns were fired by lightning in Chester, Montgomery, Bucks, Delaware, Lebanon, Lehigh, and Northampton Counties. Fire damage has been estimated at \$200,000. Flooding of basements from the accompanying heavy rainfall caused damages of \$100,000, with a store in Upper Darby reporting damage to groceries stored in the basement, at \$25,000. In Doylestown, lightning ignited a planing mill causing \$100,000 damage.									
Bradford & Susquehanna Counties	19	Late Afternoon					4		Lightning
Lightning fired barns near Towanda and Montrose.									
Eastern Areas of State	27	Evening					5		Thunderstorms
Strong wind from the storms broke several windows, toppled a number of trees, damaged roofs, and downed utility lines in Lebanon and Lancaster Counties. High winds caused \$20,000 damage to three airplanes at the Easton Airport where a hangar roof was lifted and blown across a street. A number of trees and sheds were also blown down in the area. Lightning fired several barns in the area. Heavy rain in the Scranton area caused extensive flooding of streets and basements.									
Washington County	28	Night					4		Lightning
Lightning fired a barn which caused damage estimated at \$18,000.									
<b>PUERTO RICO</b>									
None reported									
<b>RHODE ISLAND</b>									
Most of state									
	7	4:00p-9:00p			0	0	4	4	Thunderstorms
Ten percent of the apple crop was damaged by marble-size hail in the Smithfield area. A fire caused by lightning destroyed the second floor of a home in North Providence. Several other building fires were reported in Central Falls and West Kingston. Power to 500 customers was disrupted in the Providence area.									
Scituate	13	?			1	0	0	0	Lightning
<b>SOUTH CAROLINA</b>									
Aiken-Graniteville, Aiken County	1	1:45 p	1/2	50 yds			3		Wind, heavy rain
One-half ton pick-up truck turned 180 degrees, glass door of hardware store blown across street, plate glass window shattered, trees blown over, damage to telephone lines.									
Bishopville, Lee County	5	4:00 p					4		Wind, electrical
House trailer overturned. Tree fell across store building, several trees blown down.									
Longs, Horry County	9	afternoon					4		Hail, rain
Hail damaged extensive area of tobacco crop - 100 percent loss on two farms.									
Greeleyville, Williamsburg County	12	4:15 p					3		Wind, electrical
Winds estimated 60-70 mph damaged roofs and windows in business area.									
Greer, Spartanburg County	15	afternoon			1	2	5		Wind, hail and electrical
Woman killed in home when tree fell on house. Heavy damage to houses and business buildings by wind, lightning - trees uprooted, drive-in theater screen destroyed. One third of Greer's street blocked by fallen trees and utility poles.									
Columbia, Richland and Lexington Counties	15	3:30-5:00 p					4		Wind, electrical
Roof blown off bakery building and other roofs damaged in city. Several trees and utility poles blown over. Lightning killed 7 cows in open pasture in Pelion area.									
<b>SOUTH CAROLINA (Cont'd.)</b>									
Columbia, Richland County	29	late afternoon					1	4	Wind, hail, electrical and heavy rains
Wind gusts to 63 mph overturned 2 light airplanes. Heavy rains flooded homes and businesses, washed out streets, and cars were caught in rising water. One person paralyzed for short period when lightning ran into building.									
<b>SOUTH DAKOTA</b>									
Leola 4W	1	3:00 p	1/10	10	0	0	1	0	Tornado
Tornado touched down briefly as it moved from SW to NE causing minor damage to farmstead.									
Tyndall-Menno area	4	8:30-11:00 p	20	*12	0	0	4	4	Hail
Hail averaged 1 inch with largest 1 1/2 inch and covered ground up to 1 inch deep. Storm moved from W to E. Hail apparently fell in two bursts, one near beginning of period and the other near end of period.									
Olsonville 7W	5	6:05 p					0	0	Tornado
Funnel touched down briefly in open country with no damage reported.									
Rapid City	5	6:13 a & 2:30 p					0	0	Hail
One to 1 1/4 inch hail fell briefly with little or no apparent damage.									
Pierre 27SE	7	9:57 p							Funnel aloft
Near Wewela	7	10:30 p							Funnel aloft
Huron	10								Record temperature
All time record high temperature of 112 degrees, previous was 111 on July 20, 1934.									
Clark, Codington, Hamlin & Deuel counties		2:30-4:30 p					0	0	Hail
Small hail damaged crops in spotty areas of counties. Storm moved from NW to SE.									
Dupree 11W	12	Evening					0	0	Tornado
Tornado touched down in open country with no reported damage.									
Huron	17	Early a.m.					0	0	Tornado
Tornado touched down briefly damaging a race track and lumber yard.									
Enning and vicinity	22	4:15-5:30 p	10	20	0	0	4	0	Tornado
Two funnels were sighted, and one of both repeatedly touched down briefly along path damaging several buildings and utility poles.									
Rockerville	23	12:10-12:30 p	3 1/2	200-1000	0	5	4	4	Tornado
Tornado passed over camping area. Five injured in pick-up camper.									
Marcus and vicinity	23	3:30-3:50 p	20	5000	0	0	4	4	Hail
Hail averaged 1 inch covering ground up to 3 inches deep. Storm moved from NW to SE.									
Philip and vicinity	23	4:00-5:00 p	20	*4	0	0	4	4	Hail
Hail averaged 1 1/2 inch covering ground up to 3 inches. Largest stones 3 1/2 inches. Storm moved from NW to SE.									
Rosholt and vicinity	23	6:00-7:30 p	5	*2	0	0	3	4	Hail
Hail averaged 1/2 inch with largest up to 1 inch and covered ground up to 2 inches. Storm moved from NW to SE.									
Philip 15N	23	5:50 p					0	0	Tornado
Apparently touched down in open country with no reported damage.									
McIntosh-Bullhead & Little Eagle	24	3:00-5:30 p	30	*3	0	0	4	4	Hail
Hail averaging 2 inches covered ground. Storm moved from NW to SE.									
Little Eagle	24	6:02 p					0	0	Tornado
Apparently touched down in open country with no reported damage.									

See reference notes at end of table.

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JULY 1966

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					KILLED	INJURED	PROPERTY	CROPS	
SOUTH DAKOTA (Cont'd.)									
Redfield 6SW	25	11:05-11:14 a							Tornado
		Apparently touched down in open country with no reported damage.							
McIntosh and vicinity	25	4:45-5:15 p	20	*2	0	0	4	4	Hail
		Hail averaged about 2 inches and covered ground. Storm moved from NW to SE.							
Faulkton SE	26	Early am			0	0	3	0	Tornado
		Tornado destroyed upper part of silo.							
Winner SW	27	6:45 p							Funnel aloft
Wood-Winner area	27	6:00-6:30 p	25	*4	1	3	5	4	Wind and Hail
		Four persons were hospitalized for injuries when wind destroyed a house in Wood. One of the injured, an infant, later died. Hail was small but wind driven. Storm moved from NW to SE. Considerable wind damage to buildings and airplanes at Winner airport.							
Martin and vicinity	28	4:00-4:45 p	30	*4	0	0	4	4	Hail
		Hail averaged 1 1/2 inches with largest 3 inches. Ground partially covered.							
Long Lake and vicinity	31	7:20-7:40 p	2	*1/4	2	4	5	4	Tornado
		Four funnels were sighted. The tornado picked up car with family of five causing fatal injuries to the two adults and injuries to the three children. Apparently the driver sighted a funnel in front of him and turned right to avoid it but drove into another funnel. Storm moved from NW to SE.							
Aberdeen and vicinity	31	8:03-8:10 p	3	65	1	1	5	4	Tornado
		A man was killed and his wife injured when their mobile home was demolished. Storm moved from SW to NE.							
TENNESSEE									
Ripley, Lauderdale County	1	4:30p.			0	2	0	0	Lightning
		Farmer and his son struck by lightning while working in cotton field.							
Tipton County	1	p.m.			0	0	7	0	Thunderstorm
		Severe lightning and heavy rain caused minor flooding in scattered areas of County.							
Bristol, Sullivan County	3	1 p.			0	2	0	0	Lightning
		Lightning struck two men that took shelter under a tree on a golf course during a thunderstorm.							
Spring City, Rhea County	3	9 a.			0	0	7	0	Lightning
		Six units of Lakeside Motor Lodge on Watts Bar Lake destroyed by fire after being struck by lightning.							
Smithville, DeKalb County	4	1 p.			0	0	4	0	Lightning
		Lightning set fire and destroyed a house.							
Cleveland (near) Bradley County	5	p.m.			0	4	0	0	Lightning
		Camp site of eight youths and two counselors from Chattanooga YMCA struck by lightning. Campers suffered varying degrees of shock; minor injuries were treated at a nearby hospital and released.							
Hamilton County	5	3:15p.			0	1	3	0	Lightning, wind
		Locally heavy thunderstorm over scattered parts of County. In Chattanooga, lightning and winds to 31 mph caused minor damage to utilities. A construction worker was left unconscious momentarily by lightning that struck the side of a house under construction.							
Murfreesboro, (near) Rutherford County	5	p.m.			0	0	0	3	Lightning
		Seven cows killed by lightning during a brief but severe thunderstorm.							
Putnam, Loudon, Elount, Knox and Sullivan County	5	p.m.			0	0	4	?	Thunderstorms
		Strong thunderstorms, accompanied by strong winds and heavy rains caused local damage to power lines, roofs and trees.							
Smithland, Lincoln County	5	p.m.			0	0	4	0	Lightning
		Lightning is believed the cause of fire that destroyed a house.							

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE (Cont'd.)									
Springfield, Robertson County	5	4:00-5:00p			0	0	4	7	Thunderstorm
		Local severe thunderstorm damaged several buildings and houses by falling trees. Winds estimated to 65 mph downed power lines, broke windows and heavily damaged the gymnasium roof of North Robertson Elementary School.							
Madison County	6	5 p.	?	?	0	0	0	3	Hail
		Small hailstones fell near Jackson causing some crop damage.							
Mid-State, Southeast	7	p.m.			1	5	6°	C	Thunderstorms
		A line of severe thunderstorms, considered the worst in recent years, battered many communities in the area. The storm did its heaviest damage in Nashville and Rutherford County on a southeast course from Dover and Springfield to Shelbyville and McMinnville. In Nashville, an 11-year-old girl was electrocuted when her bicycle made contact with a downed power line while she was hurrying home during the storm. Five other persons suffered varying degrees of injury. Utility failures were widespread in the path of the storm. Numerous trees were damaged and uprooted, roofs damaged, and several windows and signs destroyed. Nashville Metropolitan Airport reported a peak gust of 69 mph. The strongest wind gusts were reported from Murfreesboro at 90 mph. The storm had weakened in intensity as it passed over Chattanooga, but lashed the area with high winds and heavy rains. The heaviest rainfall reported was at Statesville, about 2 1/2 miles southeast of Nashville, where 2.5 inches was recorded during the storm.							
Nashville, Davidson County	7	2:25p.							Funnel aloft
		Funnel cloud sighted 4 miles west-southwest of Nashville.							
Knoxville (near) Knox County	10	3 p.			0	0	4	0	Wind
		Straight-line wind accompanying a severe thunderstorm demolished two large barns. Property damage was estimated at \$40,000.							
Gainesboro, Jackson County	10	4 p.			0	0	3	0	Wind, lightning
		Brief thunderstorm did minor damage to roofs and trees.							
Lafayette, Macon County	10	p.m.			0	0	7	0	Lightning
Old Hickory Lake (near Hendersonville) Sumner County	10	p.m.			0	0	4	0	Wind, Lightning
		Wind gusts estimated to 60 mph damaged boats and boat docks on Old Hickory Lake. Lightning caused minor damage to utilities in Hendersonville.							
Ripley, Lauderdale County	13	p.m.			0	0	3	0	Wind
		Wind demolished house trailer during thunderstorm.							
Elount, Knox, Hamblen Counties	13	5:00-10:00p			0	0	4°	C	Hail, wind, lightning
		Hailstones up to 2 inches in diameter and winds to 50 mph damaged crops and property in scattered areas. Lightning struck two houses in Morristown causing minor fire damage.							
Bristol to Johnson City Area	13	p.m.			0	0	3	0	Electrical
		Power service was disrupted in several homes and buildings when power lines were damaged by lightning.							
Athen, McMinn County	14	4:30p.			0	0	0	4	Hail, wind
		Strong winds and hailstones up to 2 inches in diameter, heavily damaged tobacco crops and gardens in the Idlewild area.							
Oak Ridge, Anderson County	15	1:45p.			0	0	5	0	Lightning, wind and rain
		Severe thunderstorm with wind gusts to 73 mph caused heavy damage at Oak Ridge Marina, buckling the metal boat dock. Wind pushed the dock on Melton Hill Lake about 50 feet, ripped off a portion of the dock roof, causing a part to fall onto several of the 40 moored boats, while carrying some pieces 1/4 mile away. Total wind damage was estimated at over \$100,000.							
Nashville, Davidson County	15	1 p.			0	0	4	0	Thunderstorm
		Severe thunderstorm accompanied by winds to 51 mph and heavy rains caused local damage to powerlines, roofs and trees.							
Morristown, Hamblen County	15	2:45p.			0	0	2	0	Lightning
		Lightning struck house causing minor fire damage.							

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1966

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
<b>TENNESSEE (Cont)</b>										
Knox County	15	p.m.			0	0	3	0		Wind
										Strong winds during a thunderstorm caused damage to Chilhowee Park Zoo and Amusement Center. Damage resulted by falling trees.
Knoxville, Knox County	15	2:40p.			0	0	4	0		Lightning
										Fire, believed to have started from lightning, destroyed a house.
Columbia, Maury County	15	4 p.	short	Narrow	0	0	4	0		Tornado
										Small tornado is suspected to have dipped briefly into a trailer court off the Lewisburg Pike. A house trailer and a car was destroyed and two other trailers were pushed from their foundations. Several trees were uprooted and the roofs of two barns damaged.
Bath Springs, Deatur County	19	p.m.			0	1	3	0		Lightning
										Lightning damaged building.
Memphis (area) Shelby County	29	11:35a.			0	0	4	0		Thunderstorm
										An intense 20-minute thunderstorm caused local damage to utilities and trees. The Memphis Metropolitan Airport recorded 1.62 inches of rain, 1.49 inches of that occurred in a 20-minute period, shortly before noon.
<b>TEXAS</b>										
10 SE Beaumont Jefferson Co.	4	12:24 p								Funnel aloft
7 E Nederland Jefferson Co.	7	8:00 a								Funnel aloft
16 E Plainview Floyd Co.	10	2:00 p	?	?	0	0	?	?		Hail, wind, tornado
										A relatively small area in the Cedar Hill - South Plains area of Floyd County suffered heavy damage from a severe hail storm. Damage to crops was heaviest on farms owned by J. A. Welch, Johnny West, Stanley Burleson, Donald Bean, and Glen Wood. Water damage from heavy rains was reported at the West home. A tornado touched ground 16 miles east of Plainview near the Providence community without causing any known damage. Strong thunderstorm winds up-ended a trailer house belonging to Henry Rowell at Sterley. Damage to the trailer and contents was considerable. Size of hailstones that fell during the storm averaged about 3/4 inch in diameter. Largest stones were 1 3/4 inches in diameter.
Midland Midland Co.	10	5:00 p-7:00 p	?	?	0	0	?	?		Hail, wind, and heavy rainstorm
										Hail and high winds pounded an area of about four square miles in the western section of Midland. Several homes and businesses suffered water damage from flooding. An estimated three to four inches of rain accompanied the storm. About 12 plate glass windows in the downtown area were smashed by the hail, and winds estimated at 75 miles per hour demolished the new facade of the American Legion Building at 206 S. Colorado Street. Flooding washed away a section of pavement at Marlenfeld and Front Streets. A fashionable home at the corner of Harvard and A Streets suffered flood damage. The average size of hailstones that fell during the storm was about 3/4 inch in diameter. Largest stones were about two inches in diameter.
SE Booker Lipscomb Co.	19	1:56 p	?	?	0	0	0	0		Two tornadoes
										Two tornadoes were observed 16 miles south and seven miles east of Booker. The smaller one returned to the cloud while the larger continued in a southeasterly direction. Neither tornado caused any known damage.
10 NW Corpus Christi Mieses Co.	24	11:14 a								Funnel aloft
5 NE El Campo Wharton Co.	24	4:08 p								Funnel aloft
Fort Worth Tarrant Co.	24	afternoon	?	?	0	0	4	0		Rainstorm, lightning
										Heavy rains in portions of Fort Worth caused the roof of the Elks Club at 3401 White Settlement Road to collapse. Damage to the club building and contents was estimated at \$20,000. A rain gauge atop the Star-Telegram building caught 3.40 inches during the storm. Lightning struck the two-story brick residence of A. P. Fanky at 3920 Monticello Drive shortly before 4:00 p.m. Firemen estimated the damage at \$3,000. Some trees were uprooted by the high winds that accompanied the storm.
Fort Worth Tarrant Co.	25	2:27 p			0	0	4	0		Lightning
										Lightning struck the Ridgley Baptist Church in the western section of Fort Worth causing a fire which damaged about three-quarters of the roof. Damage was estimated at \$12,000.
<b>UTAH</b>										
										None reported
<b>VERMONT</b>										
Statewide	10	Evening			0	0	4	5		Hail, thunderstorm
										Maximum hail damage to apple orchards in southern sections of state. One large orchard in Bennington completely destroyed for the year, accounting for major hail damage in the state. Moderate damage occurred locally in other parts of the state mostly resulting from lightning-struck transformers and tree-felled wires.
Addison, Rutland and Bennington Counties	12	Afternoon			0	0	5	5		Electrical, hail and wind
										Major storm damage in Addison County, western portions of Rutland County and northwestern Bennington County. Hail stones up to golf ball size caused heaviest storm losses in apple orchards and corn fields. One owner claimed complete loss of an 85-acre orchard in Panton. Thousands of north-side windows were broken by wind and hail. There were power failures in some sections as lines were downed by falling trees and limbs. Boats were sunk and docks capsized at Lake Bomoseen.
Franklin County	28-29	Night			0	0	4	0		Electical wind
										Severe electrical storm knocked down trees and caused power and communication failures through the county. Lightning-strikes sparked a number of fires including the total destruction of two barns.
<b>U. S. VIRGIN IS.</b>										
None reported										
<b>VIRGINIA</b>										
Near Riner, Montgomery County	4	Late afternoon			1	0	0	0		Lightning
										A 13 year old boy was killed during a thunderstorm in the Chestnut Ridge section when lightning struck a large pine tree under which he had sought shelter.
Christiansburg, Montgomery County	4	Afternoon			0	1	0	0		Lightning
										A man received head injuries when knocked unconscious by lightning at the Swim Club during a thunderstorm.
Near Clintwood, Dickenson County	13	Morning			1	0	0	0		Lightning
										A woman was killed during a thunderstorm when struck by lightning outside her home at Caney Ridge.
<b>WASHINGTON</b>										
No report received by printing deadline										
<b>WEST VIRGINIA</b>										
Parkersburg	4	Afternoon			0	2	0	0		Lightning
										Two caddies on golf course were stunned by lightning.
Huntington	4	6 p.m.			0	0	3	0		Windstorm
										Thunderstorm winds felled several trees, a few fell on parked cars, others on power lines. A stable under construction was demolished.
McMachen, south of Wheeling	4	Late afternoon			0	0	3	0		Cloudburst
										A total of 3.45 inches fell in 90 minutes, caused sidewalks to buckle, flooded basements, and caused several rock and mud slides.
Statewide	14	Afternoon and evening			0	2	4	0		Lightning and Wind
										Two houses were struck by lightning in Parkersburg. The roof of Marshall County Courthouse in Moundsville was blown off. A man in Rockport was knocked unconscious attempting to open a steel gate at his home during an electrical storm. A girl was burned on the hip by a bolt of lightning which went through the living room of her home at Morgansville, near West Union. At Mountain, near West Union, lightning set fire to a home which was completely destroyed.
Near Beckley	19	Night			0	0	3	0		Lightning
										Lightning killed 13 cows which were under some trees on a Table Rock farm.
Fairmont	19	7 p.m.			0	0	4	0		Lightning
										Lightning hit East Fairmont high school, knocking bricks out of the chimney and damaging the ventilating system. There was also interior water damage.
<b>WISCONSIN</b>										
Door County	3	1 p			0	0	4	0		Wind
										Downed trees and power lines during severe thunderstorm over northern part of peninsula.
Oconto County	3	2:30 p			0	0	5	0		Wind
										Several barns down and buildings damaged during strong winds in thunderstorm.

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					KILLED	INJURED	PROPERTY	CROPS	
WISCONSIN (Cont'd.) Rusk, Taylor Counties	3	5 - 6 p	30	50	0	2	5	0	Tornado A tornado travelling SE from SE of Ladysmith toward Curtiss destroyed several farm buildings.
St. Croix County	3	5:30 p	3	20	0	0	4	0	Tornado Tornado travelling SE touched down briefly 3 miles S of Little Falls destroying several buildings.
LaCrosse	4	3 a			0	0			Hail Diameter up to 1 1/4" in city.
Grant, LaFayette, Green, Rock Counties	5	12 - 1:30 p			0	0	5	4	Wind, Hail Severe thunderstorms with damaging winds and hail struck along a line from Platteville to Clinton. Several barns destroyed.
Winnebago County	9	am			0	0	3	0	Wind Scattered wind damage in western part of county.
Dane, Green and Rock Counties	9	12 - 2 p			0	0	4	0	Wind Severe wind and dust storm in a dry squall.
Much of State	10-11	evening & night			0	8	6	6	Wind, funnels, Tornadoes Most widespread severe thunderstorm activity in several years. Commenced over the NW corner of state during early evening hours of the 10th and moved SE-ward to SE corner shortly after midnight. Numerous funnels and small tornadoes were sighted in the illumination of the nearly continuous lightning. Widespread destruction or damage to buildings, overhead lines, crops, trees and cars. Most damage reported from west-central, central and southern counties. Funnels or small tornadoes were sighted at Amery, Ellsworth, Hayward, LaCrosse, Madison, Merrillan, Onalaska, Pewaukee, Plainfield, Waterford and Watoma.
East Central Counties	11	5-6 a			0	0	5	0	Wind, Funnel Thunderstorms in the Fox River Valley cause additional damage in many areas hit only 6 hours earlier. A funnel aloft sighted west of Oshkosh.
Northern half of State	12	Midnight to 6 a			0	4	5	4	Wind, Funnels Severe thunderstorms with damaging wind and hail moved ESE across northern Wisconsin starting in St. Croix and Polk Counties around midnight and entering Lake Michigan at Kewaunee and southern Door Counties. Some damage to cherries in Door County. Several barns down in Polk and Barron Counties where funnels were sighted by the public.
Platteville	13	3-3:15 p	5	200	0	0	5	0	Tornado, rain, hail Tornado moving northeastward dipped down briefly doing damage to homes, trees and power lines. Heavy rain - 2.6 inches in 15 minutes did additional damage. Some hail was also reported.
Northern Dodge Co.	13	7 a			0	0	0	4	Wind, Hail Heavy thunderstorm with hail strips several hundred acres of corn and oats.
Northern Door County	25	6:15 - 6:30 p	2	20	0	0	3	0	Waterspout A waterspout moving in from Green Bay lifted several boats out of the water dropping one on a car at Ephraim. It also dropped 12 large trees at Gordon Lodge.
Fond du Lac	26	2 - 4 p			2	0	4	0	Lightning, Hail, Wind Isolated severe thunderstorm with strong wind and hickory-nut size hail. One golfer and his caddy killed by lightning on the 13th fairway.
WYOMING Gillette	21	3:00 p.							Funnel aloft A pilot reported a funnel aloft at Gillette, did not touch ground.
Cheyenne	22	2:30 p.-4:05 p.			0	0	4	C	Rain and hail Heavy rains up to 2 inches with hail measuring up to 3/4 inch caused flash flooding. Damage mostly in the central and eastern portion of Cheyenne.
Gillette	22	4:30 p.	?	?	0	0	5	C	Tornado A tornado accompanied by heavy rain and hail did damage, caused flash flooding primarily in south and east Gillette.
Gillette 15 S	28	3:20 p.	?	?	0	0	1	C	Tornado Phone company employees reported tornado touched down briefly 15 miles south of Gillette doing negligible damage.
Cheyenne 15 NW	29								Funnel aloft Pilot reported funnel cloud dipped down and back up several times, did not touch ground.

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					KILLED	INJURED	PROPERTY	CROPS	

\* Miles instead of yards.

† Includes crop damage.

C Crop damage.

† Storm damages are placed in categories varying from 1 to 9 as follows:

- 1 Less than \$50
- 2 \$50 to \$500
- 3 \$500 to \$5,000
- 4 \$5,000 to \$50,000
- 5 \$50,000 to \$500,000
- 6 \$500,000 to \$5,000,000
- 7 \$5,000,000 to \$50,000,000
- 8 \$50,000,000 to \$500,000,000
- 9 \$500,000,000 to \$5,000,000,000.

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

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