

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Acting Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

STORM DATA

JUNE 1959

Volume I No. 6



ASHEVILLE: 1959

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA Baldwin County, Summerdale	13	Afternoon	--	--	1	0	0	0	Lightning
									Farm laborer struck while working in potato field.
Dekalb County, Fort Payne	23	5:00 pm	--	--	0	0	4	1	Thunderstorm
									Trees uprooted, limbs broken off, numerous roofs and several house trailers damaged by falling limbs. Scattered damage over much of the city. Winds described as "tornadoic".
ARIZONA Phoenix	12				1				
									A 4-month old baby girl died of heat prostration
Tucson	29	Afternoon					4		Wind and rain
									Strong winds accompanying thunderstorms damaged several airplanes and hangars at an airport near Tucson. Wind unroofed homes and water damaged furnishings. Unusually heavy rains in nearby Santa Rita mountains caused some damage to mountain homes.
ARKANSAS County Line Community, Logan County	1	Early morning							Wind
									Extensive damage to large buildings under construction, when concrete block wall was blown down.
Pope County	11	8:45 a.							Tornado
									An Air Force pilot reported sighting funnel cloud over sparsely settled area of Northern Pope County. The funnel apparently touched ground occasionally as it moved from northwest to southeast. This was confirmed by a truck driver who saw the funnel. There was no report of damage.
Pine Bluff, Jefferson County	11	11:50 a.					3		Wind, hail
									A garage destroyed by wind. Some very light hail reported but no damage resulted.
Benton, Carroll, Boone and Newton Counties	11	8:00 p. to 9:00 p.					*6		Wind, rain and lightning
									The storm moved from the northwest to the southeast causing widespread damage over Benton, Carroll, Boone and Northern Newton Counties. There was extensive damage to roofs, windows, signs, television antennas, and trees. There were scattered reports of minor lightning damage. Heaviest losses were in the town of Berryville in Carroll County where damages were estimated at \$100,000. Rain water entering buildings through damaged roofs added to the losses. Heavy rains caused some local flash flooding along headwaters creeks.
Fort Smith, Sebastian County	11	9:20 p. to 9:40 p.	1 1/2	50			3		Wind
									Damage was confined to the Fort Smith Municipal Airport. Three transport aircraft sustained slight damage.
Pulaski County	30	5:00 p. to 7:00 p.					4		Wind, hail
									Scattered reports of wind damage to power and telephone lines and trees over much of Pulaski County. A loss of \$11,400 was sustained when the wind collapsed a long brick and concrete block wall of a building, under construction, in the northwestern portion of North Little Rock. Some light hail was reported in the southwestern portion of the County, but no damage resulted.
CALIFORNIA Jacumba	30	Afternoon					4	4	Rain and hail
									Thunderstorm started 1:45 p.m. in vicinity of Jacumba with hail-storm at 3:30 p.m. Damaged highway, flooded homes, damaged fruit and grain crops, and drowned many small animals.
COLORADO Teller County	2	8 - 9PM			0	0	2	--	Lightning
									A home was struck by lightning near Dripple Creek. Electric wiring was burned out and resulting fire caused some damage.
Greeley	4	1:30PM			0	0	2	--	Wind
									Gusty wind damaged a roof, TV antenna and a patio of a home in Greeley.
Pikes Peak Area	6	Afternoon			0	9	2	--	Heavy rain
									A violent rainstorm in the Ute Pass area, west of Colorado Springs, caused slides which blocked the highway. Several persons were injured in car accidents attributed to storm conditions and hazardous road conditions.
Weld County, north of Fort Lupton	7	Late Evening			0	0	3	--	Wind
									A 24x65 ft. roof of a cow barn was poked up and blown to the ground by a "twister".
COLORADO (Cont'd.) Southeastern Colorado	8	Evening			0	2	3	--	Lightning
									Severe electrical storms caused lightning damage over widely scattered areas, particularly in the Arkansas Valley. A home near Las Animas was hit causing damage to the wiring and starting a fire. At Mansanola, 2 women were stunned, but not seriously injured by lightning while in their homes. Damage to power lines, trees and electrical appliances were reported all along the Valley.
Washington County near Akron	14	5:00PM			0	5	3	--	Lightning
									Five men were knocked down by lightning in a farm yard near Platner, 8 miles east of Akron. Two required hospitalization for first and second degree burns. Three of the men were stunned but not seriously injured. A stallion, valued at \$1000, standing about 15 feet from the men, was killed by the bolt.
Cortez	16	11:00PM			0	0	2	--	Wind
									Gusty wind ripped a carport from a house in Cortez, carrying it over the house and smashing it on the ground.
Weld County	17	Afternoon			0	0	--	3	Hail
									Sugar beets in the Windsor, Eaton and Pieree areas were damaged by hail. The Sugar Co. reported light to heavy damage to 2500 acres.
Pueblo Area	19	7:30AM			0	0	2	3	Heavy rain
									A 2 to 3 inch rain caused flood conditions in the Avondale vicinity east of Pueblo. Some row crops were washed out, but most damage was to wheat that was almost ready to combine. Some basements were filled with water and a few farmyards were flooded.
Washington County	19	4:25AM			0	1	2	--	Lightning
									Lightning struck a house in the Linden community burning out wires and fuses, and causing other minor damage to the house. One of the occupants was stunned by the blow, but not seriously injured.
Aspen	20	---			0	0	2	--	Wind
									Gusty wind lifted a roof off a house, depositing it on another building and over an alleyway.
Southwest Colorado	21	---							Lightning
									Two forest fires, believed started by lightning, were brought under control by fire fighters. One was in the Animas River Canyon north of Durango; the other near Dolores in Montezuma County.
Denver	25	Afternoon			0	1	--	--	Lightning
									A waitress was injured by a bolt of lightning, which struck the rear of a tavern, where she was working at the kitchen sink. She was hospitalized.
Northeast Colorado	28	Afternoon			0	0	2	3	Wind and hail
									A carport was torn from a farm home 7 miles west of Sterling. Three young men were rescued from drowning after their boat was capsized by wind in a reservoir near Sterling. Wind gusts were measured at 76MPH at the Sterling Airport. Hail in scattered areas of Weld and Morgan Counties damaged some crops.
CONNECTICUT Litchfield and Fairfield Counties	5	P.M.					4		Electrical, rain
									Lightning bolt killed 14 head of valuable dairy cattle at Goshen, Litchfield County as they sought shelter under tree from heavy downpour. Loss estimated at \$7000. Lightning struck two homes at Danbury and one at Sherman causing minor damage and fire in each case; tree limb downed and utility pole burned by bolts at Danbury with scattered power failures due to lightning or seepage into cables. Heavy downpour of rain caused bad washout of highway in Ridgefield as well as some street flooding in other Fairfield County areas.
CONNECTICUT Ashford, Windham County	6	P.M.					4		Electrical
									Barn and contents of hay and farm implements were destroyed by lightning-caused fire with small shed nearby damaged. Damage estimated at \$10,000.
CONNECTICUT General	13	P.M.					3		Electrical, rain
									General thunderstorm activity over the state resulted in scattered lightning damage. A large garage sustained considerable damage to the roof from lightning-caused fire; nails ripped from plasterboard ceiling as bolt darted through house at Middletown. Power failures reported in Greenwich area and bad weather forced small plane to land in pasture at Manchester. Local rains of nearly 3 inches at New London caused considerable street flooding.
CONNECTICUT General	29	P.M.			1	4	1		Electrical, heat
									Widespread thunderstorm activity was accompanied by numerous lightning strikes and fires. Most concentrated lightning damage occurred in Stratford area. Ten homes were struck with greatest single damage in \$3,000 fire. Other homes suffered minor damage at Danbury, Newtown and Winsted. Barn and 10 tons of hay destroyed at Plainfield in eastern Connecticut, while two acres of clover on tobacco tent were burned at Granby. Total lightning damage near \$10,000. Some utility failures reported in scattered areas. Several hours of unusually high dry-bulb and dew point temperatures preceding thunderstorms resulted in the death of some 7,000 chickens in the state for loss of about \$12,000. Man hospitalized for heat prostration in East Hartford.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
DELAWARE									
Bridgeville area, Sussex County	22	afternoon			0	0	4		Windstorm
	A violent windstorm accompanying thunderstorms with hail, driving rain, and lightning hit the Bridgeville area during the afternoon. Falling tree limbs knocked out electrical service in residential sections of Bridgeville. Roofs were blown off, chimneys downed, and telephone lines broken. Storm was most severe about 3:30p EST.								
5 miles east of Bridgeville, Sussex County	22	3:00p-4:00p EST			0	0	4		Lightning
	Lightning struck a barn which burned to the ground.								
Atlanta, Sussex County	22	3:00p-4:00p EST			0	0	1		Lightning
	A dwelling was hit by lightning but no fire started. Damage was slight.								
FLORIDA									
Key West Monroe County	5	7:00 AM	-	-	0	0	-	-	Waterspout.
St. Augustine St. Johns County	6	1:55 PM	Short	Narrow	0	0	2	-	Tornado.
	Funnel cloud dipped to ground twice during its short life, uprooted several trees.								
Hollywood Broward County	13	5:45 PM	-	-	0	0	-	-	Funnel cloud.
Miami Dade County	16	7:45 AM	-	-	0	0	-	-	Waterspout.
	Waterspout seen about 2 miles south of Miami.								
Miami Dade County	17	9:50 PM	12	350	0	77	6	-	Tornado.
	Most severe tornado in Miami since April, 1925. Tornado first touched ground in Cocoplum Plaza on southwestern tip of Coconut Grove (in Coral Gables) at 9:50 P.M. Tornado moved northeastward about 4 miles then lifted, temporarily, over Miami business section. Tornado returned to ground near N.E. 2nd Ave. and 43rd Street. Tornado moved into Biscayne Bay near N.E. 90th Street, continued northeastward across Biscayne Bay until reaching land again south of Sunny Isles. Tornado went out to sea in the Sunny Isles area. Most all injuries sustained during storm were the result of cuts by flying and broken glass. Tornado moved at a speed of 25-30 m.p.h. and path width varied from near 350 yards at south end of storm path to about 60-75 yards at north end of path. Total storm damage estimated at near \$3 million.								
Jupiter-Jupiter Island Palm Beach County and Martin County	17	10:05 PM	7	150	0	0	5	-	Tornado
	Tornado first struck just west of S. W. Park of Loxahatchee River west of Jupiter. Next point of contact was across river at Cove Point. Tornado continued north-northeastward through pine woods into Jonathan Dickinson State Park damaging unoccupied Girl Scout Campground. Tornado moved across Jupiter Sound to Jupiter Island, about 4 miles north of Palm Beach-Martin County line, leaving a path about 3/4 miles long before continuing out to sea.								
South Florida	17-21								Recurring Heavy Rain
	Recurring rains over most of the southern peninsula during this 5 day period, associated with and following a tropical depression, caused considerable flooding in poorly drained and low lying agricultural areas and some residential sections. Considerable pasture land and some citrus land, particularly in the Indian River section, were inundated. Some highways also sustained flood damage as the result of the abnormally heavy rain. High tides along the west coast from about Tampa south were responsible for boat dock damages and beach erosion. Rains, although widespread and generally heavy, were mostly in the form of showers and thundershowers; 5-day totals were mostly in the 7 to 12 inch category and some scattered points measured 15 inches or more during the period.								
Key West, Monroe County	18	3:05 PM	-	-	0	0	-	-	Waterspout
	Waterspout observed between Key West and Stock Island								
Miami Beach Dade County	25	6:28 AM	-	-	0	0	-	-	Waterspout
	Waterspout seen off Miami Beach								
Tampa Bay Hillsborough County	25	8:30 PM	-	-	0	0	-	-	Funnel Cloud
	Funnel cloud seen over Tampa Bay								
Fort Myers Lee County	27	4:47 PM	Short	Narrow	0	0	3	-	Tornado
	Funnel cloud dipped to ground at several points along a path running from southeast to northwest. A number of trees were uprooted and one building sustained roof damage.								
McIntosh Marion County	28	After-noon	-	-	0	0	3	-	Wind
	Strong winds associated with a thunderstorm uprooted a number of trees and blew down an outdoor theater screen at nearby Orange Lake. A number of residences sustained roof damages.								
FLORIDA (Cont'd.)									
Miami Area Dade County	29	5:37 PM	Short	Narrow	0	0	-	-	Tornado
	Funnel cloud observed to dip to ground briefly in an uninhabited area about 15 miles northwest of the Miami Airport								
Jacksonville Duval County	29	3:00 PM	-	-	0	0	3	-	Wind
	Strong winds, heavy rain and some hail buffeted northern sections of the city.								
Fort Myers Lee County	30	After-noon	-	-	0	0	4	-	Wind
	Strong winds during a well developed thunderstorm caused scattered damage to property in downtown Fort Myers.								
GEORGIA									
Near Wrens Jefferson County	3	3:30PM	20	*8			3	4	Hail, wind, and rain
	Storm moved from west of Wrens in a southeasterly direction to Jefferson-Bunke County line. Hail 1.5" in diameter or larger knocked holes in the roof, damaged shingled roofs, battered cars, and broke windshields. Principle damage was sustained by cotton and corn crops. Most damage was from hail and losses were almost complete in path of storm.								
Near Moultrie Colquitt County	5	4:30PM					3	4	Wind, rain, and hail
	Severest portion of storm covered the northeast part of Colquitt with scattered wind and rain damage extending from Sylvester in Worth County to Norman Park in Colquitt County. Twenty minute hail storm in small area 6 miles east of Moultrie inflicted heavy damage to tobacco, corn, cotton, and peanut crops. Hail fell on 4 or 5 farms 6 miles north of Moultrie.								
Chatam County	6	7:05PM							Funnel clouds aloft
	Funnel clouds south southeast of Tybee lighthouse moved toward the north northwest.								
Lowndes County	14 to 15	2:15PM to 3:00 AM	10	*2			3	4	Rain, hail, and lightning
	Thunderstorms from 2:15PM June 14 to 3:00PM June 15 in the northwest quarter of Lowndes County with almost continuous lightning from 11:00PM to 3:00AM. Hail fell in area 10 miles long and 2 miles wide near Hazira from 2:30PM to 2:45PM and from 12:15AM to 12:30AM. Average size of stones was 3/8" and largest were 3/4" in diameter. Most damage was sustained by crops.								
Hazelhurst Jeff Davis County	23	12:30PM							Funnel cloud aloft
	Funnel cloud reported over Hazelhurst at 12:30PM moved toward the southwest.								
Near Nashville Berrien County	30	6:00PM					3	1	Tornado
	Trees and utility lines blown down 1/2 miles south of Nashville. Roof taken off of barn and other buildings damaged. Path was mostly over timber land. Little crop damage resulted.								
IDAHO									
Paris, near	14	Evening					2		Lightning
	Alan Hoge, 4, and Steven Hoge, 14, of Paris were knocked out at Lakota Resort when lightning struck nearby. Alan regained consciousness within a few minutes but 30 minutes elapsed before Steven came to. Steven received burns all over his body which turned black and blue including two black eyes. The attending Doctor attributed the narrow escape to their rubber soled shoes.								
ILLINOIS									
Rosiclare	10	11:20 am	short	narrow			1		Tornado
	Small tornado moved northward just to northwest of airport near Rosiclare and blew down a few trees.								
Chicago	25	late even.							Heavy rain, electrical
	Heavy downpour flooded basements and viaducts in vicinity of Midway Airport. Rainfall of 3.88 inches in two hours and 4.56 inches in three hours were new station records for these periods. Lightning strokes started fires in several buildings around the city.								
Sycamore	25	8:00 pm							Wind, heavy rain
	High winds blew down many trees and utility wires.								
Galesburg	30	7:30 pm							Wind, lightning
	Reports indicate that 100 trees were uprooted and half a dozen store windows were blown in. The possibility of a tornado is still being investigated.								

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
INDIANA Batesville, Ripley County	22	6:30 p.-8:30 p.	-	-	0	0	5	0	Rain	
									Basements of homes and businesses were flooded by 6.32 inches of rain from 3:00 p. - 3:35 p. and 6:30 p. - 8:30 p. Between 6:30 p. and 7:30 p. the rainfall was 4.58 inches. From 7:30 p. to 8 p. an additional .98 fell making a total of 5.56 in 1.5 hours. One of the greatest losses was one hundred thousand dollars worth of veneer in basement storage.	
Blackford County	25	2 p.	3	*3	0	0	4	3	Rain, hail, lightning	
									Hail and rain struck an area south of Indiana road number 18 in north central part of county. Hail damaged crops. Lightning struck several homes but losses were light. Damages: Rain-\$5000 to property, hail-\$6000 to crops, and lightning-\$5000 to property.	
Cortland, Jackson County	22	afternoon	-	-	0	1	0	0	Lightning	
									Farmer struck by lightning while operating a tractor.	
Akron, Fulton County	25	4:19 p.	-	-	0	0	0	0	Funnel cloud	
									Funnel cloud south of Akron moving toward southeast.	
Fort Wayne, Allen County	25	5:10 p.-5:15 p.	-	-	0	0	0	0	Funnel cloud	
									Funnel cloud sighted 20 miles southwest of Fort Wayne by airline pilot.	
Urbana, Wabash County	25	6:05 p.	-	-	0	0	0	0	Funnel cloud	
									Funnel cloud observed three miles east of Urbana.	
New Carlisle, St. Joseph County	25	6:30 p.	-	-	0	0	4	0	Lightning	
									Lightning and resulting fire consumed a barn and contents located two miles northwest of New Carlisle.	
Pierceton, Kosciusko County	25	7:59 p.	-	-	0	0	0	0	Funnel cloud	
									Funnel cloud sighted by city police moving southward.	
Huntington, Huntington County	25	8 p.	-	-	0	0	4	3	Rain	
									Rainfall of nearly five inches between 8 p. and 11 p. Flooded many basements. Flooded fields damaged some crops.	
Fort Wayne, Allen County	25	9:24 p.	-	-	0	0	0	0	Funnel cloud	
									Funnel cloud sighted 30 miles southwest of Fort Wayne.	
Goshen, Elkhart County	25	11:30 p.	-	-	0	0	0	0	Funnel cloud	
Harlan, Allen County	30	3:35 p.	-	-	0	0	0	0	Funnel cloud	
Indianapolis, Marion County	30	6:30 p.	-	-	1	4	3	0	Lightning	
									Lightning struck two boys while playing baseball. One boy died and the other was injured. Lightning also struck a house injuring two people.	
IOWA Blockton, Ringgold County	11	1:30 p.					3	3	Hail	
									Hail 1" diameter.	
Cherokee and Buena Vista Counties	20	9:00 p.							Funnels aloft	
									Funnels reported near Cherokee, Sioux Rapids and Storm Lake.	
Linn and Jones Counties	21	3:00 p.					3	4	Windstorm	
Newton, Jasper County	21	4:30 p.			1		3		Thunderstorm	
									Death from lightning.	
Walcott, Scott County	21	7:00 p.					4		Windstorm	
St. Olaf, Clayton County	24	4:00 p.			1		2		Thunderstorm	
									Death from lightning.	
Bremer County	24	6:00 p.					4	3	Thunderstorm	
									Losses partially from flooding.	
Delaware County	24	11:00 p.					4		Thunderstorm	
									Losses due to lightning.	
Hamilton County	25	7:40 p.							Funnel aloft	
Cresco, Howard County	25	10:00 p.	1	100			3	3	Tornado	
Meriden, Cherokee County	27	4:30 p.							Funnel aloft	
Lakeside, Buena Vista County	27	5:00 p.							Funnel aloft	
Missouri Valley, Harrison County	27	6:30 p.					4		Windstorm	
Iowa (Cont'd) Rockwell City, Calhoun County	27	10:00 p.						4	Windstorm	
Shelby and Audubon Counties	27	11:30 p.						3	4	Hail
Iowa Falls, Hardin County	28	12:45 a.								Funnel aloft
Butler County	28	1:30 a.					1	4	Wind and hail	
									Damage scattered in adjacent counties, 5% damage due to hail.	
7N Nevada, Story County	28	3:15 a.	2	300				4		Tornado
Marshalltown, Marshall County	28	4:00 a.						4		Thunderstorm
Dallas, Polk, Marion, Mahaska & Wapello Counties	28-30							4	3	Rain
										Very heavy rains 28-29 caused flooding along Des Moines River.
KANSAS Montgomery County	1	about 4am								Electrical
										Lightning scored a direct hit on a transformer in the south part of Coffeyville, blowing a total of 42 line fuses. Service in the south part of town was interrupted for 1 1/2 hours.
Ness and Hodgeman Counties	2	6:15p-6:45p	25	*4				5		Hail
										A heavy hail storm moving from the northwest to southeast from west of Ness City to just south of Jetmore damaged crops especially wheat from 25 to 100%. Approximately 90 square miles were affected. Some building damage and loss of livestock. Stones ranged from 1/2 to 1 inch in size and covered the ground in places to a depth of 3 inches. Not as much wind as usual with such a hail storm. Roof and siding damage was reported. Some hail remained until the next morning.
Sheridan County	3	5:15pm-6:40pm	8 1/2	*6 1/2			1	5	5	Hail
										One of the most severe hail storms of record in Kansas occurred at and near Selden in northwest Sheridan County. Most stones ranged from pea to marble size and were soft. Only light wind accompanied the fall of hail but reports indicate that on the sides there was rather strong wind blowing into the center of the hailed area. The hail fell straight down. The area covered by the hail was from 5 miles west, 4 north, 1 east, and 2 miles south of Selden. The highway #383 was blocked for 4 hours. Road graders and snow plows had difficulty moving the volume of hail which covered the ground to a depth of 18 inches. Two men were caught in a pick up truck and couldn't about loud enough to make the other hear above the din of the hail on the tin roof. Crops were ruined 100% over much of the area. The weight of the hail on roofs especially flat ones caused much of the loss. The weight of the hail on a truck scale 10 x 45 feet was 14 tons or 62.4 lbs per square foot. The Red Cross reported 2 business buildings were destroyed, 5 homes, 8 farm buildings, and 10 business buildings received major damage, and 154 homes, 125 farm buildings, and 27 business buildings had minor damage. A great amount of merchandise and store fixtures were damaged by water. Many basements were flooded. One man was injured when a metal awning at the bank collapsed under the weight of hail. Several persons eating their evening meal at the restaurant barely escaped when they heard the beeping of the roof creaking and breaking. Three foot high drifts remained until Friday night in some sheltered places. Trees were stripped of twigs and leaves and had the appearance of winter the next day. Telephones and power lines were not damaged. Many cars were stalled along the highway. The storm was described as "The hail just came down and didn't stop." The temperature dropped from 80° prior to the storm to 38° when the storm was at its height.
Russell County	4	afternoon								Electrical
										Lightning struck near Luray bursting light bulbs with the sound of a shot gun in one home. Telephone, electrical appliances, and slight structural damage resulted.
Sheridan and Norton Counties	4	evening								Hail and wind
										A thunder storm brought some hail and high wind to parts of these counties resulting in local damage to buildings and crop. Rear windows were broken out of 5 cars all parked close together in Norton.
Central Counties	4-5	Late evening and night								Hail, wind, and electrical
										Reports of local damage came from numerous places over the central part of Kansas from rather severe thunder storm conditions. Hail damaged a number of fields 50 to 100% about 5 miles north of Lyons. Parts of Kingman county reported hail damage to crops. Lightning caused some damage about 2:30am of the 5th at a home in McPherson.
Sheridan and Graham Counties	5	afternoon								Hail and Tornado
										Late in the afternoon a severe thunderstorm hit in these two counties with considerable damage from hailstones ranging in size from marbles to baseballs which fell for about a half hour. A little later a tornado struck 8 miles south of Morland, with all buildings except the house a total loss. Some animals and poultry were killed.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
KANSAS (Cont'd)									
Rush County	5	afternoon							Hail Gardens completely destroyed, growing crops cut to the ground, trees shredded of leaves and much damage to houses near Bison.
Washington County	5	evening			3				Electrical Lightning killed 3 head of cattle in a pasture 11 miles south of Greenleaf.
Roos County	11	3a-3:30a							Hail and wind Hail driven by high winds damaged wheat 10 to 30% near Plainville, and the southwest portion of the county. Fross and branches were broken by the wind.
Dickinson County	11	5a to 6a							Electrical Lightning destroyed a barn and 1900 bales of hay a few miles south of Abilene.
Clay County	11	7am							Wind A number of sheds and some roofs of buildings were damaged by high wind near Idalia, about 10 miles west of Clay Center.
Extreme East and Southern Counties	11	3:30p-8pm			3	4			Severe Wind, Hail, Electrical, and Tornado A thunderstorm moving southeast from a line extending from Kansas City to Wichita beginning about 3:30pm in the Leavenworth area and ending about 8pm in southern Kansas, and lasting from 15 to 45 minutes in various localities brought hail and wind damage to many areas. Three persons were injured, 1 by lightning near Columbus, 1 by a wind blown board at Leavenworth, and the Jrd from cuts received in repairing of telephone lines in Wilson County. Spotted hail damage was reported, some places heavy hail as large as hen eggs and others of golf ball size. Wheat and other crops and gardens were beaten down quite severely in some small areas. Telephone and power lines were down, windows were blown out, trees broken, sheds and barns blown over or unroofed. Eight lightning strikes damaged power lines and appliances locally. In Wichita lightning knocked a hole in a roof large enough to drop a piano through. Another stroke set fire to a ripened wheat field. A small tornado was observed in north Kansas City moving from northeast to southwest and touched ground in an open field. In Kansas City, Kansas loss of power caused traffic lights to cease operation resulting in many traffic jams as the rush hour work occurred. Automobiles were crushed by falling trees and vision was hindered several minutes by dust and flying debris.
Lyon, Coffey, Greenwood and Chase Counties.	18	5pm-7pm			3	5	5		Heavy hail, Severe wind, Small Tornado funnel cloud, and Electrical. A severe thunderstorm over these counties produced several local areas of severe damage from wind driven hail and 92 mph winds. The particularly damaged areas were: 8 1/2 *2 Near Americus in western Lyon County from 4 miles north to 4 miles south of town. 5:15pm-5:45pm 10 *2 From the north side of Emporia south about 8 miles. 5:50pm-6:30pm 10 *6 From near Olpe in southern Lyon County to 2 miles south of Madison and from 3 west of Madison to 7 miles east of Madison, about 60 square miles suffered damage. Hail ranged in size from marbles to baseballs. Windows, roofs, siding, automobiles were damaged by the hail. Branches and trees were broken by the wind, power and telephone lines were broken and down, and electric service was interrupted several hours in some places. One office building in Olpe lost 2,200 pages of glass from windows, and many houses had broken windows on the north side. Insurance claims were estimated at near 4,000 from these three areas. Many birds, some poultry, and small farm animals were killed. Hail lacerated the backs of cattle. Two persons near Americus were cut by flying glass. Near Olpe a farmer sought shelter under his tractor but was bruised by the hail stones. Vapor rising from hot pavements obscured vision on the streets and highways for awhile. The transmission line north from Emporia was struck by lightning resulting in service interruption to 3 towns to the north all night. A small tornado was observed 3 miles east of Americus. It dipped and took a porch off the front of a house. Later a funnel cloud was observed high over Emporia about 5:25pm. Drifts of hail remained for several hours after the storm. Crop losses were estimated in some cases as 100%. Damage to 31 trailer homes in Emporia was estimated at \$75,000, from broken windows, damaged roofs and dented sides. Strong winds and hail in the Strong City-Cottontop Falls area caused property and crop losses but not so severe as in Lyon County. A large tree was blown over on the telephone lines breaking a large number of wires. 6 pm 5 *2 1 Hail driven by high winds damaged a small area east of Burlington about 6 pm. Crops were beaten into the ground. A number of trees were uprooted. A 45 year old boy was knocked from a tractor by lightning. His hands were burned and the hair was singed from the back of his neck.
Elk County	18	7:20pm	2 1/2	100					Tornado A small tornado struck the farm of the Howard cooperative observer
KANSAS (Cont'd)									
Montgomery County	18	9 pm							Winds and Electrical 5 miles northeast of Howard. Tornado came from the north north-east. High winds had preceded the occurrence of the tornado. As the funnel approached, a dead calm and darkness black as night were noticed and then a terrific gust of wind hit. The tornado was off to one side of the house and a large barn and a number of sheds were destroyed.
Montgomery County	18	9 pm							Winds lashed the area around Coffeyville and lightning blew 22 transformer fuses and struck 7 poles causing service interruptions the rest of the night. Many trees and branches were blown down and broken.
Montgomery County	19	5 am					3		Electrical Lightning struck a small rural home, setting it afire resulting in loss of building and contents, north of Coffeyville, near Deering.
Riley County	20	11:30pm							Wind and funnel cloud Wind that caused numerous wire breaks and considerable tree falling was reported over much of the county. A funnel cloud was observed near Leonardville.
Greenwood County	22	3:30pm			3	4	3		Heavy rain Due to poor visibility in a heavy rain 3 cars crashed together on K-96, 2 miles northeast of Piedmont.
Sumner County	22	3:45pm-3:50pm							Funnel Cloud A funnel cloud was sighted 7 or 8 miles east of Conway Springs and 4 miles north of Anson but it did not come to the ground though it was observed to dip and rise.
Bourbon County	22	4:40pm			1	8	3		Heavy rain A three car crash 3.1 miles west of Fort Scott on U. S. # 54 was due to heavy rain causing poor visibility.
Shawnee County	26	evening							High wind A gust of wind caught and turned over a ticket booth at Holliday Square Shopping Center south of Topeka striking a young woman fracturing both ankles.
Russell, Osborns, and Mitchell Counties	27	6:10p-8pm	30	20			5	4	Winds, hail, 3 electrical, and heavy rain A severe thunderstorm centered near LuRay and Lucas in northern, Russell county brought heavy hail that damaged crops and buildings. Severe winds that damaged a number of farm buildings, lightning caused minor damage at 3 homes, and heavy rain of 3 to 5 inches which flooded basements, highways and washed out 1,000 feet of railroad track.
Wabaunsee County	28	2:15pm-4:40pm							Heavy rain Excessive rain of 5 to 7 inches in the Paxico-McFarland area caused flash flooding and closing of U. S. Highway #40 for awhile.
Ford and Clark Counties	28	8:30p-9p	15	*1					Wind and Hail A severe local wind hit Minneola with a great deal of dust, windows were broken, T. V. serials bent, trees blown over and branches broken and a car was blown off the road into a ditch. Hail damaged wheat over a 1 mile path from 10 miles west of Dodge City to 12 miles south of town.
LOUISIANA									
E. Feliciana Parish; Angola	1	2:47 pm					3		Tornado Touched ground for about one minute.
Calcasieu Parish; DeQuincy 1 NW	3	4:15 pm	1	100			4		Tornado Moved NE on short path blowing down trees 12-18" diameter; one building destroyed.
Jefferson Parish; Barataria	8	3 PM					4		Windstorm Number of homes unroofed, other damage to property.
St. Landry Parish; Eunice	12	2:30 pm					4	3	Windstorm Uprooted trees, severed power and telephone lines.
Orleans Parish; Lake Pontchartrain	12	11:34 AM							Funnel cloud About 7 miles SE Lacombe.
St. Tammany Parish; 5 NW Lacombe	13	11:46 AM							Funnel cloud
Vermilion Parish; near Abbeville	14	4 PM	10	500			2	4	3 Tornado Tornado moved NE from village Munez to near Abbeville; destroyed several homes and damaged others.
Jefferson Parish; Lake Pontchartrain	27	5 PM							Funnel cloud

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MARYLAND									
Washington, D. C.	2	2:00p EST			0	0	3		Flash flooding
Flooded basements and flooded roads and streets occurred in northwest and southeast sections of Washington as a result of heavy rains.									
Anne Arundel County and Annapolis	2	1:00p - 5:00p EST			0	0	3		Heavy rains and flash flooding
Heavy rains caused erosion damage to north county roads and caused minor traffic tie-ups.									
Frederick County	12	about 7p EST			0	0	2		Thunderstorms
Lightning interrupted power service in the Urbans-Frederick Junction-Flint Hill section and caused a pole fire at Frederick Junction.									
Washington, D. C. and Montgomery County	13	p.m.			0	0	2		Thunderstorms
An intense thunderstorm accompanied by some hail ranging in size from 1/2 inch to 1 inch in diameter dumped heavy rains over the area and knocked out electric power. Some basements and low spots in streets were swamped.									
Near Boonboro, Washington County	12	5:30p EST			0	0	3		Lightning
Lightning struck a huge linden tree over two centuries old and split the tree down the middle. Lightning followed wires into a mansion where damage was caused to electrical circuits, light switches, etc. The roof was damaged and some paper torn from walls.									
St. Martin, Worcester County	13	7:00p EST			0	0	3		Lightning
Lightning set fire to a dwelling.									
St. Leonard, Calvert County	13	p.m.			0	0	2		Lightning
Lightning struck a building and a house and damaged electrical wiring. In addition siding on the house and a TV set was damaged.									
Chesapeake Bay	14	afternoon			2				Strong winds
Strong winds with gusts to 40 mph whipped the bay into 10-foot waves in shoal areas. Two Washington boys were drowned and more than 50 persons rescued as Coast Guard rescue craft from Baltimore, Annapolis, and Crisfield answered distress calls and saved boats which capsized, swamped, or broke down in the heavy seas. The two small boys drowned were reported playing on the beach at Long Beach, Maryland and were apparently hit by the high waves.									
Eastern Shore	19-20								Strong winds
Strong winds and blowing sand caused severe damage in fields of cucumbers, watermelons, tomatoes, cantaloupes, snap beans, etc.									
near Smithville, Caroline County	22	3:00p - 4:00p EST			0	0	4		Lightning
Lightning struck a barn and destroyed it. Two calves in the barn were lost, too.									
Frederick County, Carroll County, Baltimore County, and Harford County	30	p.m.			0	0	4		Windstorm
Strong gusty winds accompanying thunderstorms crippled telephone and power service in many communities across northern Maryland. About 600 telephones were knocked out in the Byrdsville-New Market-Frederick-Mount Airy section as falling trees and branches cut telephone lines.									
near Havre de Grace, Harford County	30	p. m.			0	0	4		Lightning
Lightning destroyed a barn including a dozen sheep, 100 to 150 pheasants, and a similar number of mallard ducks. Loss was estimated at \$20,000.									
MASSACHUSETTS									
Most of State	6	P.M.			0	1	5	2	Electrical, Hail, Rain
Lightning fired buildings, knocked down chimneys, and caused power failures in many localities with property damage exceeding \$50,000. In Winchester a man was injured by lightning and a cow was killed in North Hatfield. Hail of pea size was widespread, but Winchester reported stones of one inch diameter. Crop loss from hail very light. Heavy rains halted traffic and caused washouts in some localities. Spot flood broke overflooded, flooding streets and cellars in a section of Melrose.									
Eastern portion	26	6-8 A.M.			0	0	4	0	Electrical
Damage to chimneys, power lines, and from fires, due to lightning.									
MICHIGAN									
Southern Lower Michigan	1	Early Morning					4		Thunderstorm Winds and Lightning.
Southeastern Lower Michigan	11	Afternoon					4		Thunderstorm
Scattered areas of damage from winds and lightning, a granary under construction near Monroe was demolished by high winds, damage about \$10,000									
Southern Lower Michigan	25	Morning & Afternoon				1	4		Thunderstorms
Scattered areas of damage from winds and lightning one injury near New Buffalo due to lightning bolt striking nearby									
MINNESOTA									
Clay County	4	p.	18	*3			2	4	Hail
Pea size hail fell for 40 minutes over Felton, Hagen and Ulen townships. County agent estimated 54 square miles suffered crop damage. Storm moved northeast. Three quarter inch hail also reported at Big Falls, Koochiching County, during afternoon.									
Underwood near, Otter Tail County	8	6:30 p.					3		Electrical
Lightning struck and set fire to a gasoline storage tank.									
Moorhead, Clay County	9	4:00 p.	18	*4			5		Hail and wind
Although funnel clouds seen at Fargo, N. D. no funnel was observed at Moorhead proper. Wind observed at Fargo 115 mph. Hail, 1 1/2 to 2 1/2 inches in diameter, covered the ground to a depth of 8 inches. Thousands of windows were broken. Many T-V antennas as well as utilities lines downed. Hail stripped and flattened growing crops.									
Baker-Downer and Hawley 25, Clay County	9	p.	12	150			5		Tornado
Between Baker and Downer 4 farms hit destroying 1 barn, 3 corn cribs, 1 chicken house. Machinery stored outside was twisted and demolished. Tornado funnel moved northeast touching down again 2 miles south of Hawley at 5:25 p. Five farms were hit here. Five barns were demolished including 1 machine shed. A boat in a shed was moved bodily across a hill, broken into pieces and deposited into a slough. Although this tornado was a part of the same system causing the Fargo tornado it was a separate funnel and not a continuation of the Fargo tornado. Hail, wind and rain fell during the storm laying low growing crops.									
Bagley to Leonard, Clearwater County	9	8:45 p.	9	150			5		Tornado
A violent roll cloud preceded the dropping of the observed tornado funnel at Bagley. Hundreds of trees were twisted and uprooted including several groves that were 25 years old or more. One small building was pulverized. Local fair grounds suffered damage to ten buildings with two completely destroyed. The funnel continued northeastward again touching the ground near Leonard. At Leonard many trees uprooted, the electric high line was broken, service was out until the next morning at both Leonard and Bagley. This tornado due to same general weather pattern that caused both the Fargo and the Baker-Downer-Hawley tornadoes.									
MINNESOTA									
Moorhead, Clay County	10	8:00 p.					1		Electrical
Young man struck by lightning while talking on the telephone in an apartment.									
Wheaton 15NE, Traverse County	10	11:28 p.							Funnel Aloft
Funnel cloud aloft observed by severe storm observer.									
Fergus Falls, Otter Tail County	11	12:35 a.							Funnel Aloft
Several funnel clouds aloft observed. Air Force Radar reported to Weather Bureau a hook formation over Fergus Falls at same time. Funnel did not touch ground.									
Campbell 9NE, Wilkin County	11	1:30 a.					4		Electrical
Farm home struck and set afire by lightning. It burned to the ground.									
Pipestone and vicinity, Pipestone County	18	4:30 p.	5	300			3		Hail
Hail with diameter up to 1 inch fell over 5 square mile area.									
Hawley, Clay County	18	9:10 p.							Funnel Aloft
Funnel cloud aloft reported by public. It moved southeast.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
MINNESOTA (Cont'd)										
Beardsley and vicinity, Big Stone County	23	6:45 p.	8	*1.5			3		Hail	
Marble size hail fell for approximately 15 minutes. Ground was completely covered to depths of 3 inches. Most of the growing crops damaged are expected to make substantial recovery. Storm moved southeast. Some hail also reported Granite Falls area, Yellow Medicine County.										
Willmar near, Kandiyohi County	25	p.			1				Electrical	
Lightning struck and killed farmer on tractor while cultivating corn.										
Madison Lake Area, Blue Earth County	25	11:30 a.	10	*1.5			3	4	Hail	
Sharp small hail accompanied with heavy rain fell for 15 minutes. Fifteen inch corn was stripped and split, over 100 acres estimated destroyed. Water pooled in low areas of fields ruining some corn and grain. Several farm homes stripped of paint along their western exposures. Many windows were broken. Light hail also reported near Winton, Cottonwood County.										
Osseo NW, Hennepin County	25	p.					4		Electrical	
Lightning struck and set fire to a combination home and store. The building burned to the ground.										
Austin NE, Mower County	25	5:15 p.	5	100			05		Tornado	
Six farms hit; 6 barns and 1 silo were toppled and destroyed. Funnel observed by many people. Austin public officials sound their tornado alert warning after funnel spotted by policeman. Hail as large as golf balls accompanied the tornado as well as heavy rain. Austin proper had 3.97 inches in three hours. Property damage in Austin was great as many basements flooded, several basement walls caved in, many washouts on local streets.										
Southeast Minnesota	25	a--a.					4		Heavy Rain	
General rains fell early the 25th and continued into morning of 26th with 36 hour totals varying from 3 to over 6 inches. Some flooding occurred along the Zumbro River near Thelma and the Root River at Rushford and Hokah. Several thousand acres of bottomland corn were inundated.										
McLeod County	27	8:00 p.	18	100			4		Hail	
Pea size hail stripped soy beans, small grain and corn. Some hail damage also reported throughout Sibley County.										
Cannon City SW, Rice County	27	8:00 p.	2	40			4		Tornado	
Small tornado struck one farm, lifted, moved northeast and hit adjacent farm lifting off the barn roof. At first farm large tree blown down on occupied car. Five occupants escaped with no injury although vehicle crushed. Barn roof lifted and destroyed. A tornado proof steel machine shed twisted and removed from its cement foundation. A steel grain bin was picked off stored grain.										
Farrington, Dakota County	27	8:25 p.							Funnel Aloft	
Pilot reported funnel cloud touched ground. There was no damage.										
MISSISSIPPI										
Stone County; Wiggins	5	10 AM					3		Tornado	
Eleven trees down, twisted TV antennas.										
Hancock County; Bay St. Louis	8	3 PM					4		High winds	
Cabin cruiser sank from pounding against railroad bridge; other boats ran aground; numerous aerial searches for overdue boats; no loss of life.										
Coahoma County; Clarksdale (near)	11	2:15 pm			1	0	4		Tornado	
Moved SE; several small buildings destroyed when tornado touched ground briefly.										
Marion County; Foxworth (near)	11	8 PM					3		Tornado	
Struck wooded area blowing trees down, blocking highway and severing utility lines.										
Stone County; Wiggins	12	3:30 pm					3		Tornado	
Small tornado uprooted trees 16" diameter, damaged some roofs and TV antennas in NE part of town.										
MISSOURI										
Portageville-Marston, New Madrid County	10	10:00 a.							Funnels aloft	
Three funnels aloft reported by Highway Patrol.										
Carthage (10 SE), Jasper County	11	7:00 p.	*1	25-30			4		Tornado	
Several farm buildings destroyed.										
Western Third of Missouri	11	afternoon and eve					4	6	5	Thunderstorm
An active squall line moved into Northwest Missouri early in the afternoon, with golf ball size hail at Grant City. By middle afternoon the line had moved through St. Joseph with 1 inch hail and heavy wind damage. The line continued southward, causing heavy wind and hail damage near Kansas City. Loaded freight cars were blown off the tracks at Orrick, in Ray County. Wind damage was reported as far east as Salline and Pettis Counties. Winds hit gusts to 80 MPH at Kansas City and at Warrensburg between 3:30 and 4:15 p.m. As the storm progressed southward, winds near 75 MPH were reported at Clinton at 5:00 p.m. Later in the afternoon the line squall had moved southward to near Springfield and Joplin. Winds up to 78 MPH were reported at Springfield later in the afternoon. By early evening the line squall had moved to the southern part of the state with damage to many cabins in the Table Rock Dam area and as far east as Stone County. This line squall caused heavy damage to phone and power lines. Many houses and farm buildings were damaged. There was spotty damage from hail to gardens, crops and roofs. Several injuries from lightning were reported. Several funnels aloft were reported in connection with this storm which are listed in detail elsewhere.										
Milo (3 E), Vernon County	11	4:52 p.								Funnel aloft
Festus (3 S), Jefferson County	11	12:40 p.								Funnel aloft
Tiff City (10 SW), McDonald County	11	8:45 p.								Funnels aloft
Two funnels reported.										
Bolivar (6 NE), Polk County	11	6:50 p.								Funnel aloft
MONTANA										
Park City, Stillwater County	8	2:00 p.m.-2:20 p.m.	25	*3				3		Hail
Hailstones up to 3/4 inch diameter. The crops damaged were sugar beets, beans, and small grains.										
Opheim, Valley County	9	7:00 p.m.	3	*1-1/4				4		Hail
Hailstones up to 3/4 inch.										
Glendive, Dawson	9	7:00 p.m.	3	*2			4	4		Wind and Hail
Wind damage over \$25,000 and hail damage over \$10,000.										
Central, south and east portions, Roosevelt County	9	11:30 p.m.	70	*8			5	5		Wind and Hail
Hailstones up to 2 inches in diameter. Wind damage to property about \$200,000, hail \$50,000.										
Medicine Lake, Sheridan County	10	12:30 p.m.	15	*1-3			4	4		Rain, wind, hail
Hailstones up to 1-1/2 inches in diameter. Property and crop damage from both wind and hail. Two inches of rain in some areas. Terrific wind in path of storm driving hail almost horizontally. Flood water took out many dams, road fills, and culverts.										
Miles City, Custer County	14	7:45 p.m.	-	-						Funnel Cloud
Funnel cloud to NE of Miles City. Did not touch ground.										
Fort Harrison, Lewis & Clark County	15	Afternoon	-	-			1			Thunderstorm
A Montana National Guardsman was knocked unconscious by lightning while installing communications system at the National Guard camp.										
Anaconda, Deer Lodge County	16	5:15 p.m.	-	-				3		Thunderstorm, Hail, Rain
Hailstones up to 1 inch in diameter. Heavy rain flooded streets as storm sewers could not carry the heavy load of water. Some basements flooded. Hail piled up to depth of 6 inches.										

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
MONTANA (Cont'd.)										NEBRASKA (Cont'd.)									
Helena Area, Lewis & Clark County	16	Evening	-	-					Hail	McCook & Vicinity	19	Midn't to 2:30 a.	A few sq. mi.	0	0	4	0	Excessive Rain	
									Hailstones 3/4 to 1 inch diameter reported in several places.									Several home foundations collapsed; many basements flooded	
West of Helena, Lewis & Clark County	16	5:15 p.m.	-	-					Funnel Cloud	Near Hustis	19	early a.m.	Spot	Spot	0	0	4	0	Lightning
									Funnel cloud west of Helena about 10-15 miles, lasted about 10 minutes. There is no evidence the funnel reached ground. Thunderstorm activity was general over area during funnel's occurrence.									Large barn burned with contents	
In and South of Sidney, Richland County	17	5:45 p.m.	25	*5		5	4		Hail	West and North of Lyman	19	evening	1 1/2	M 1	0	0	light 4	0	Hail
									Most of damage to property in the town of Sidney. Hailstones up to 2 inches in diameter.									Two road bridges washed out; several hundred acres farm land flooded.	
Near Manhattan, Gallatin County	19	6:00 p.m.	-	-	1				Thunderstorm	Near Arnold	20	2:30p.	short narrow	0	0	2	0	Small Tornado	
									A woman was killed by lightning while irrigating.									Tops removed from several haystacks (old crop)	
Two Miles SW Dell, Beaverhead County	19	Evening			1				Thunderstorm	Near Benedict	20	2:45p.	1 narrow	0	0	4	0	Tornado	
									Lightning strike killed a man while irrigating.									Several farm buildings damaged	
Utica (East of), Judith Basin County	20	7:30 p.m.	4	*1-1/2			4		Hail	Western and Vicinity	20	4 p.m.	A few sq. mi.	0	0	3	0	Wind squall	
									Some steel bins rolled over and destroyed by wind. Some damage to immature grains.									Trees, one roof, and TV antennas damaged	
Vida (10-12 Miles N), McCone County	20	7:00 p.m.	10	*2					Wind and Hail	South of Ellis	20	4 p.m.	One farm	0	0	0	3	Hail	
									Some steel bins rolled over and destroyed by wind. Some damage to immature grains.									Western Hamilton County	
Central Teton County	21	3:00 p.m.	15	*1/2		3	4		Hail		20	evening	5	less than M 1	0	0	0	5	Hail
									Storm was 8 to 10 miles northwest of Choteau to 15 miles SE of Choteau. Hailstones up to 1 inch in diameter.									15 to 25 miles SW of Sidney	
Holter Dam, Lewis & Clark County	21	2:45 p.m.	1/2	*1/2					Hail		21	11:05 to 11:40 a.	Short narrow	0	0	0	0	Two Tornadoes	
									Hailstones 1 inch in diameter. Storm in small area near power plant									Touched ground briefly in open field.	
West of St. Lavier, Big Horn County	23	8:30 p.m.	20	7			5		Hail	N Antelope County	21	2 to 2:30p.	10	M 2	0	0	3	5	Hail
									Hailstone diameter up to 1 inch. Some wheat fields completely destroyed.									Accumulation of stones 12 inches deep in center of storm area; largest size of hen eggs. Moved southeast	
Eastern Montana Branch Station Sidney, Montana, Richland County	25	10:00 a.m.	-	-					Funnel Cloud	SB Boone County	21	2:30-2:45 p.	7	M 1 1/2	0	0	3	3	Hail and wind
									Funnel cloud did not touch ground. Hail fell 5 miles south, moderately damaging some beet fields.									Western portion of Grand Island	
Poplar, Roosevelt County	26	4:30 p.m.					3		Tornado	Eastern Pierce County	21	3:30-3:45p.	12	M 1	0	0	5	4	Hail
									Tornado damaged 2 houses, a barn, and some power lines.									Stones 3/8 to 3 inches diameter	
Medicine Lake, Sheridan County	26	5:00 p.m.	15	*2					Heavy Rain and Hail	Near Ord	21	afternoon	small area	0	0	0	3	Hail	
									Three to five inches of rain fell throughout area. 3.20 inches fell in 30 minutes at the weather station at the Fish and Wildlife Refuge. Heavy damage caused by flood waters, which washed out bridges, fences, dams, and foundations. State Highway 16 closed several hours by flooding. Some grain fields damaged 50 to 70 percent by hail.									5. of Mitchell	
Vida Area, NE McCone County	26	Forenoon	3	*1			4		Hail	J mi. E. of Whitman	21	4:25p.	short narrow	0	0	0	0	Funnel cloud	
									Two farms reported 50 percent or more crop loss.									SW portion of Alliance	
Broadus, Powder River County	26	4:30 p.m.	1	400			3		Hail	Omaha	21	evening	A few sq. mi.	0	0	3	0	Wind squall	
									Some hailstones as large as hen eggs. Stones were hard as rocks and shattered like glass. Some had spines protruding from surface.									Near Kimball	
Buffalo Rapids Area SW Dawson County	26	5:00 p.m.	10	*5			4		Hail		22	1-1:15a.	5	M 1	0	0	0	5	Hail
									Heavy crop damage on eleven farms. Some bligs damaged by hail and wind.									Stones small but thick; heavy damage to wheat	
NEBRASKA										SW Scottsbluff county	22	9:30p.	small area	0	0	3	0	Wind Squall	
9 mi. NW of Bassett	10	night	unknown		0	0	3	0	Tornado	Brule-Big Springs area	25	7-8 pm.	15	Up to M 1	0	0	3	5	Hail and Excessive rain
									18 cattle killed; damage discovered several days after storm									Area of damage spotted	
Omaha	11	Noon	Spots	Spots	0	0	4	0	Lightning	W. Knox County	25	evening	A few sq. mi.	0	0	0	4	Hail	
									Church and three homes struck and damaged									H-C Perkins County	
Southern Valley Co.	11	8:30p.	A few sq. mi.		0	0	3	4	Hail and wind		26	5:30-6 p.m.	15	M 6	0	0	3	5	Hail
									Heavy crop damage on eleven farms. Some bligs damaged by hail and wind.									Moved southeast	
Cotesfield and vicinity	17	late aft'n	short narrow		0	0	2	0	Tornado									Stones 1/2 to 2 1/2" in diameter; damage spotted over area.	
									Stones size of apricots. Moved southeast									S. of Garrison	
NE of St. Paul	17	11:45p.	short narrow		0	0	3	0	Tornado									Stones size of apricots. Moved southeast	
									Stones size of apricots. Moved southeast									Near Shickley	
4 mi. NW of Sunol	18	10:25p.	short narrow		0	0	0	0	Funnel Cloud									Cozad and vicinity	
									Funnel cloud									West of Sumner to Butler County	
3 mi. NW of Lodgepole	18	10:30p.	short narrow		0	0	0	0	Funnel Cloud									Heaviest damage Cozad-Grand Island-Chapman area. Stones up to the size of grapefruit. This was probably the most severe hailstorm of record in central Nebraska. Probably one or more tornadoes in this storm. Storm moved east.	
									Funnel cloud									Near Reelus	
									Funnel cloud									few narrow miles	
									Funnel cloud									Midville to Miller	
									Funnel cloud									27	
									Funnel cloud									Evening	
									Funnel cloud									15	
									Funnel cloud									M 2	
									Funnel cloud									0	
									Funnel cloud									0	
									Funnel cloud									5	
									Funnel cloud									5	

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM		
					KILLED	INJURED	PROPERTY	CROPS			
NEBRASKA (Cont'd.)											
1 1/2 mi. SW of Tekamah	27	9-9:30p.	1 1/2	M 1	0	0	0	4	Hail		
E. of Marquette	27	10p.	5+	100	0	0	0	3	Hail		
W. of Howells	28	11:30a.	Small area	observed aloft; did not reach ground.	0	0	2	0	Wind Squall		
SW to N. of Alliance	28	10 p.m.	Several Sq. Mi.		0	0	0	5	Hail		
N. of Morrill	28	Night	Few sq.mi.		0	0	0	4	Hail and excessive rain.		
5 Mi. N. of Royal	29	4 a.m.	Spot	Spot	0	0	4	0	Lightning		
6 Mi. NW of Honor	29	Morning	Spot	Spot	0	0	4	0	Lightning		
1 Mi. N. of Wisner	30	12:30 a.m.	Spot	Spot	0	0	4	0	Lightning		
West of Papillion	30	1 p.m.	Spot	Spot	0	0	4	0	Lightning		
Large barn struck and burned with contents											
Large granary and tool house struck and burned with contents											
NEW HAMPSHIRE											
Southern portion	6	P.M.			0	0	4	C	Electrical, Hail		
Lightning caused local power failures. One at Manchester affected 1000 homes. A factory at Goffstown was struck by lightning and burned. Hail damage to apples reported at Peterboro, with loss unknown.											
NEW JERSEY											
Statewide	2	P.M.			2	1	3		Rain.		
Heavy rain flooded streets and highways; basements flooded in some areas. Two killed and one injured when station wagon collided with trailer-truck at height of township, in Hopewell Township, Mercer County.											
North Arlington, Bergen County	6	10 P.M.			1				Electrical.		
Max walking dog took shelter from shower. While standing under a tree, lightning apparently passed from tree trunk to his leg.											
Camden County and Palmyra, Burlington County	12	Late evening					4		Rain, electrical.		
Highways and basements flooded by heavy rain. Power transformer in Palmyra struck by lightning, disrupting electrical service in the Palmyra-Pennsauken area.											
Mt. Holly, Burlington County	14	9:10 A.M.			2	3			Wind.		
Wind blew large maple tree onto moving automobile, injuring driver and passenger.											
Allentown, Burlington County	28	Afternoon			1	1			Electrical.		
Two farm laborers struck by lightning while working in an open field of cabbage. One killed, the other injured.											
Atlantic City	30	Afternoon			1				Heat.		
One man drowned in surf at Atlantic City during heat wave.											
Central and Southern Counties	30	Evening					5		Rain, electrical.		
Heavy rain over central and southern counties caused considerable flooding of streets, highways and basements. Numerous lightning strikes caused fires throughout area. Utility lines and transformers damaged by lightning in several communities.											
NEW MEXICO											
Curry County, northern	1	8:30 p.					2	4	Funnels aloft and hail		
Two funnels sighted near Pleasant Hill, remained aloft. Hail did heavy damage to winter wheat and cotton.											
Curry County	2	7:00 p.					2	5	Hail		
Hail stones reported up to 1" in diameter. Extensive damage to winter wheat, sorghams and cotton.											
Alamogordo, Otero County	3	3:50 p.					3		Tornado		
Small tornado destroyed a trailer house and damaged residence about 6 miles north of Alamogordo.											
Three Rivers, Otero County	3	4:00 p.	1/4	25			3		Tornado		
Farm buildings wrecked by a small tornado.											
Bellview, Curry County	22	5:00 p.					3	3	Tornado and hail		
Small tornado unroofed barn. Considerable hail damage to winter wheat crop.											
NEW YORK											
Rochester area, Monroe County; Batavia area, Genesee County; nearby areas south of Lake Ontario	1	Mid and late afternoon						4	Thunderstorm and heavy rain		
Severe thunderstorm with heavy rain; numerous lightning strikes and fires; power failures; 27 cows killed; one inch of rain in one hour											
New York City and western Long Island area	2-3	Most of 2nd and early a.m. of 3rd					1	4	Heavy rain and fog		
Heavy rain and fog disrupted highway and harbor traffic. One traffic death and innumerable accidents. Power failure.											
Northern Broome County	5	Night of 5th						3	Thunderstorm, hail, and heavy rain		
Heavy rain (more than 2 inches), thunderstorm, hail disrupted traffic; some accidents.											
New York City (Central Park)	7	afternoon					2	4	Thunderstorm		
Brief thunderstorm - lightning struck a family of six.											
Counties adjacent to Lake Erie	12	Late afternoon and evening					3	5	Thunderstorms, hail and heavy rain; small tornado		
Severe thunderstorms with 1/2 to 1 inch hail; torrential rain (1 1/2 inches of rain in 20 minutes reported by Golden observer). Golf ball size hail in scattered areas. Small tornado (not confirmed but very likely) formed over eastern end of Chautauque Lake and did considerable damage just west of Jamestown (at Celoron around 7 p.m. Path was brief and narrow. Considerable damage to an amusement park and nearby areas. Three injuries due to falling roof. (About \$300,000 damage).											
Saugerties, Ulster County	13	Early afternoon					1	7	3	Thunderstorm, hail and wind	
Severe thunderstorm, hail and strong gusty winds; ferris wheel knocked over.											
New York City - Bronx	13	4:30 p.m.					1		Thunderstorm and heavy rain		
Thunderstorm with lightning and heavy rain. One death due to lightning strike.											
Counties just south of Lake Ontario	26	Late afternoon					0	4	6	Thunderstorm and heavy rain	
Severe thunderstorms and heavy rain with lowland flooding and lightning caused fires. At Geneva 3.42 inches of rain in one hour caused considerable crop damage, soil erosion and flooding.											
NORTH CAROLINA											
Catawba, Guilford Counties	1	4-6pm						3	Electrical, rain		
Lightning struck and damaged garage; some flash flooding.											
Cabarrus, Moore, Wayne Counties	2	afternoon						3	4	Hail, rain, wind	
Crops, buildings damaged by hail, wind. Local flash floods.											
Columbus, Cumberland Counties	2	noon-2pm						4	3	Tornadoes	
Home destroyed in Cumberland, outbuildings in Columbus; funnel reported seen in each case. Only small areas affected.											
Ashe, Burke, Caswell, Guilford, Iredell, Moore, Randolph, Transylvania, Wake, Wilkes Counties.	3	afternoon, evening						5	5	Electrical, hail, wind, rain	
Widespread thunderstorm activity caused hail damage to crops, wind and lightning damage to buildings, and some washouts by heavy rain.											
Charlotte area, Mecklenburg County	3	7:31 pm								Funnel aloft.	
Alamance, Columbus, Durham, Lenoir, Wake, Wilson Counties	4	4-6pm						4	5	Hail, wind, electrical	
Widespread thunderstorms again caused hail damage to crops, wind and lightning damage to buildings.											
Pitt County	4	4 pm	1	200	0	0	4	3	Tornado		
Moved eastward; destroyed low-cost home, several outbuildings.											
Gates, Sampson Counties	13	6-8pm					1	0	4	0	Electrical
5 cattle killed by lightning; woman died as lightning burned home.											
Chowan, Lee, Sampson Counties	22	4-8pm						4	4	Electrical, wind, hail	
9 cattle killed; 4 by lightning, 5 by barn blown down. Hail hit crops.											
Eastern half of State	30	3-8pm					1	0	5	6	Electrical, wind, hail
Widespread thunderstorms caused much hail damage to crops in scattered areas, wind and lightning damage to buildings. Man killed by lightning in Beaufort County.											
Two deaths in North Carolina were attributed to heat during June; one on 28th, one on 29th.											

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM			
					KILLED	INURED	PROPERTY	CROPS							KILLED	INURED	PROPERTY	CROPS				
NORTH DAKOTA Cavalier County	6	7:30 p.	-	-	0	0	-	-	Tornado destroyed four farm buildings	OREGON 44 Miles East of Roseburg	11	Afternoon	-	-	1	0	2	1	Ousty Winds			
LaMoure County	6	2:30 p.	-	-	-	-	-	-	Funnel cloud aloft	Mill Creek Area 15 Miles Northeast of Burns	19	Afternoon	-	-	0	0	4	2	Lightning			
Fargo	8	5:15 p.	-	-	1	-	-	-	Struck by lightning	A comparatively severe thunderstorm struck at a number of points over western and central Oregon, starting several small fires that were brought under control with little or no damage and one major fire on Mill Creek 15 miles northeast of Burns. This burned over approximately 225 acres before being brought under control. Sizeable portion of this was in first growth ponderosa pine. Some sage and grass grazing land also burned over.	30	Afternoon	-	-	1	0	0	0	0	0	Ousty Winds	
Cass County	9	Afternoon	-	-	1	1,500	500	000	Funnel, wind, hail and heavy rain		Shale City Area in Jackson County	30	Afternoon	-	-	1	0	0	0	Ousty Winds		
Cass County	10	Evening	-	-	0	0	150,000	50,000	Tornadoes, thunder-showers, heavy rain. Girl killed by lightning	A man was killed when working in woods and a tree being felled by another logger was deflected by gusty wind to strike him. No other damage was reported.	PENNSYLVANIA											
Valley City	29	3:30 a.	-	-	-	-	-	-	Heavy rain	Western Counties	1	Afternoon	-	-	1	3	4	-	Thunderstorm			
North-central	26	Night	-	-	-	-	15,000	25,000	Strong winds	Philadelphia	2	Evening	-	-	2	4	3	-	Heavy rain			
OHIO										Jefferson County	4	Night	-	-	1	3	-	-	Thunderstorm			
Cleveland	1	3 p.m.	-	-	0	0	6	0	Thunderstorm rain	One man was killed and 3 others injured when struck by lightning in Erie County. Several buildings were also struck including a barn which was completely destroyed by fire.	5	Evening	-	-	-	-	4	4	Thunderstorm			
Three or more inches of rain was reported to have fallen within an hour over eastern and southern parts of Cleveland, and extending along the north side of the ridge to near Chardon. Flash runoff collected in low places to a depth of 8-10 feet, inundating cars, and even buses, as well as flooding many homes. Worst hit was the University Circle area where a Cleveland Transit System bus was caught by rushing water and bowled sideways, lodging against a tree where it was almost submerged. A Greyhound bus was likewise caught in the flood. Most of Cleveland's southeast side, and 16 suburbs were hard hit, as were areas in Geauga county. Heaviest rain fell in Berea, Parma, Parma Hts., Cuyahoga Hts., Independence, Solon, Cleveland Hts., University Hts., South Euclid, Lyndhurst, Shaker Hts., Mayfield Hts. and Beechwood. Most other parts of the city received small amounts of rain - 0.81 at Cleveland airport, and less than a tenth inch along the lakeshore and in downtown sections.										York-Pottstown-Chester Area	5	Evening	-	-	-	-	4	4	Thunderstorm			
Scattered points	12	late afternoon	-	-	0	0	5	4	Lightning and thunderstorm wind	Several homes and a barn were ignited by lightning. Hail in the York area destroyed fruit and vegetable crops.	Potter County	5	Night	-	-	1	-	-	-	Thunderstorm		
Northern counties	24, 25	afternoons	-	-	0	0	6	4	Thunderstorms	A farmer on a tractor was struck by lightning causing him to fall to the ground where the vehicle ran over and crushed him.	Hershey	6	6:40 PM	-	-	-	-	4	-	Thunderstorm		
Severe thunderstorms struck at numerous scattered points over the state during late afternoon and evening. Some were accompanied by hail and most produced straight-line winds up to 60 mph, blowing down trees, disrupting utilities, destroying TV antennas, signs, etc. Among the places hardest hit were Washington C. E., Zanesville, Uhrichsville, New Philadelphia, Coshocton, Lebanon and New London.										Statewide	12	Throughout Day	-	-	-	-	3	4	Thunderstorm			
Heavy thunderstorms accompanied by heavy rainfall and locally strong winds visited northern counties during the afternoons of the 24th and 25th in a very similar pattern. Lightning fires were started in the Delphos-Middle Point area; and local flooding occurred at many scattered points, among them Kent, Lisbon, Alliance, Cridersville, Danville, Ravenna, Medina, Marion, Mt. Gilead and Paulding. Lightning strikes were credited with killing several cattle.	One man injured near Reading when struck by lightning and 2 persons injured in auto accidents attributed to storm. Lightning induced fires destroyed numerous buildings across state causing \$30,000 damage with \$20,000 loss in Williamsport when fire destroyed a lumber yard.	Lehigh Valley and Pocono Mountains	14	Throughout Day	-	-	-	-	3	-	Wind											
OKLAHOMA	1	4:00 a.	-	-	-	-	1	-	Electrical	RHODE ISLAND General	13	2 - 10 P.M.	-	-	2	3	-	-	Electrical			
Tulsa, Tulsa County	1	4:00 a.	-	-	-	-	-	-	Lightning struck taxi company radio knocking dispatcher unconscious	Two persons, one standing near mailbox and the other near electric stove were burned or numbed around the hands by lightning at Providence. Several homes struck by lightning in the Providence and Cranston areas but effects limited to minor fire or structural damage. Some local street flooding reported as precipitation amounts ranged from 0.5 inch in the north to 2 inches in the southern counties.	SOUTH CAROLINA Comney, 3 miles east, Horry County	2	2:40 p.	-	-	0	0	4	4	-	-	Small tornado
Carnegie, Caddo County	4	11:00 a.	-	-	-	-	-	-	Funnel aloft	There is some evidence of the presence of another small tornado in this vicinity at approximately the same time.	Williamston, Anderson County	3	3:00 p.	-	-	0	0	3	3	Hail		
Harper and Ellis Counties	5	8:00 p.	30	*8	-	-	-	-	Hail	Greenville, Greenville County	3	3:00 p. - 3:30 p.	-	-	0	0	3	3	Hail			
Severe hailstorm with stones of one inch to four inches in diameter accumulated three to four inches deep on the ground over a strip from just southwest of Buffalo and across May in Harper County, through the northwest part of Ellis County across Catesby, and into the Texas Panhandle. Wheat loss was estimated at 30 to 100 percent. Windows were broken and other property damage resulted. Storm moved southwestward.	Lightning also caused some fires.	Walhalla, Oconee County	3	3:00 p. - 3:30 p.	-	-	0	0	3	3	Hail											
North-eastern one-third of State	11	7 - 11 p.	-	-	3	5	-	-	Wind, rain, hail, electrical	Damaged gardens, some cotton and corn. Hail size 1 inch in diameter.	Columbia, Richland County	3	8:30 p.	-	-	0	0	2	2	Hail		
A fast moving, severe squall line moved southwestward from the northeast corner of the State. Winds estimated near 70 miles per hour caused widespread damage and destruction to homes, buildings, boats and lake possessions, utilities, trees, etc. The lakes area of Tenkiller, Gibson, and Grand were hit hard as the high waves sunk boats and smashed dock facilities. Two persons were injured when their home was destroyed in Muskogee. Six other homes were damaged and building and auto windows were blown out. Youth riding a bicycle was injured in Stillwater when a wind gust crashed him into a plate glass window. Hail up to 1 1/2 inches in diameter fell in Tulsa.	Some hail the size of golf balls.	Lugoff, Kershaw County	3	8:05 p.	-	-	0	0	2	2	Hail											
Waynoka, Woods County	12	2:30 a.	-	-	-	-	4	-	Wind, rain	Some hail the size of golf balls.												
Strong winds destroyed part of a large grain elevator facility. Storm moved southwestward.																						
Hobart, Kiowa County	21	6:30 p.	**100	50	-	-	3	-	Tornado													
Witness reported sighting a clockwise rotating column of rain and wind. Barn and chicken house were unroofed and blown in opposite directions. Storm moved southward.																						
Oakwood, Dewey County	21	P.	-	-	4	2	-	-	Rain													
Two cars collided during heavy rainstorm just north of Oakwood.																						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
SOUTH CAROLINA (Cont'd.)									
Near Kershaw, Kershaw County	16	Late aft.	-	-	0	0	0	4	Hail
			Most damage to tobacco.						
Mount Olive Section, Horry County	22	Afternoon	-	-	1	0	0	0	Lightning
Anderson, Anderson County	24	At night	-	-	1	0	0	0	Heavy rain
			Motor car accident probably caused by heavy rain.						
Charleston, 130 miles southeast	24	5:55 p.	-	-	0	0	0	0	Funnel aloft
			Fire watched for 10 minutes. Extended from lower to upper clouds. Flight level 17,000 m.s.l.						
SOUTH DAKOTA									
Avon, Bon Homme County	3	6:15-6:45 p.m.	Short	Narrow			3	4	Hail
			A single cloud mass left stones up to 2" in diameter. Gardens were wiped out, houses damaged, cars dented, trees stripped, and holes pounded into the ground. The sun shone during the hail storm, which moved to the northeast.						
Southern Igman County	4	5:44 p.							Funnel cloud
			Reported by a pilot as being 50 miles SSE of Pierre. Hail fell later in scattered places from Kamboe to Redfield.						
Beadle County to Brookings County	10	7:00 p.-10:30 p.					4	4	Hail, electrical
			Minor damage to houses in Huron by hail, mostly 3/4 inch in diameter. A house at Carthage was damaged by lightning.						
Lincoln County, 5 miles south of Sioux Falls	11	00:40 a.							Tornado
			The tornado touched ground briefly, then withdrew aloft as it moved southeastward.						
Madison, Lake County	11	6:16 a.							Funnel cloud
			Pilot reported a funnel cloud moving northeastward, 3 miles northeast of Madison. Bottom was about 1000 feet above ground.						
Gregory County to Clay County	11	8:15 a.-9:30 a.			1	3	3		Electrical
			Near Centerville, a farmer was knocked unconscious by lightning while riding his tractor. When found, his head was hanging near a wheel and rubbing against it. Near Bonesteel, six cattle were killed when lightning struck the tree under which they were standing. Near Tripp, a farmhouse was damaged.						
Mansfield, Brown County	16	5:45 p.							Tornado
			Touched down in a field and raised considerable dust.						
Warner, Brown County	16	5:45 p.							Funnel cloud
			Funnel cloud sighted southwest of Warner, moving north.						
Western Kingsbury County	16	10:00 p.							Tornado
			Tornado touched ground in open country 30 miles east of Huron. Elsewhere in State, thunderstorms caused scattered hail and lightning damage.						
Ouster, Ouster County	17	2:00-2:30 p.			1	3	3		Rain, electrical and hail.
			Water entered stores and basements as 1.70 inches fell in 15 or 20 minutes. Lightning numbed a housewife standing by a stove.						
Lamox area, Lincoln County	17	Afternoon			1				Rain
			Heavy rain lowered visibility and resulted in an automobile collision.						
Wessington area, Band County	23	6:15 p.					4		Tornado
			Witnesses in the storm area did not see a funnel, but others at a distance saw a funnel shaped cloud. 11 barns north and south of Wessington were destroyed or severely damaged. Elsewhere, afternoon and evening thunderstorms caused hail and wind damage south of Claire City (Roberts County), in and north of Clark (Clark County), and near Osoma (Iyman County).						
White River area, Mallett County	25	Morning			1				Electrical
			A farm girl was injured by lightning while standing in a jeep. She recovered the following day.						
Centerville area, Turner County	25	3:30 p.	5	42			4		Hail
			Storm area was northeast of Centerville. Storm moved southeastward.						
Sylvan Lake area, Ouster County	26	4:00 p.			3				Electrical
			3 Boy Scouts were found lying on a mountain trail after a bolt of lightning struck nearby.						

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM		
					KILLED	INJURED	PROPERTY	CROPS			
TENNESSEE											
Nashville, Davidson County	1	11:30 a					1		Lightning		
			A 21 year old man was struck by lightning and killed while playing golf.								
Gallatin, Sumner County	1	4:30 p. approx.							Flash flood		
			A flash flood on Town Creek brought minor damage to many business houses and major damage to the furnishings of 2 homes. Several homes were evacuated.								
Spring Hill Community Stewart County	1	Late afternoon					4		Flash flood		
			A flash flood on Moore Branch and Moccasin Branch carried away barns, chicken houses, chickens and pigs. Several houses were flooded and one was knocked from its foundation. Some burley tobacco and popcorn crops were reported ruined. Spring Hill Community is near Cumberland City.								
Memphis, Shelby County	11	Moore-2 p (approx)					1				
			A flash flood, concentrated in the White Station, East Memphis and Frayser sections, partly submerged scores of autos, rose into many homes and resulted in the drowning of a 13 year old boy.								
Crossville (near) Cumberland County	24	5:17 p.							Funnel cloud aloft		
			A funnel cloud which presumably remained aloft was reported by 1 pilot and verified by another 25 miles SW of Crossville. Both radar observation at Nashville and visual observation from a fire tower in the area placed the lifetime of the associated thunderstorm as about 40 minutes.								
Harrison, Roane County	25	Afternoon				1	1		Lightning		
			Lightning struck a tree killing a 15 year old boy who had sought shelter underneath. A companion was knocked unconscious for 30 minutes and was treated for shock.								
Boddy, Hamilton County	25	Late afternoon					0	1	Lightning		
			A woman received head and arm injuries from lightning while using the telephone.								
TEXAS											
5 SW Imperial, Pecos Co.	1	3 pm					0	0	0	Tornado	
			Dipped down in open field.								
Mr McCamey, Upton Co.	1	3 pm					0	0	0	Tornado	
			Dipped down in open field, moving NE.								
Richardson, Dallas Co.	1	about 3:30 pm					0	0	3	2	Hail
			One stone measured 2-3/4" diameter. Moved NE, lasted about 15 minutes, came down heavily, chipped paint from cars, damaged shrubs and small trees.								
Rhea Mills Community, Collin Co.	1	3:36-5:55 pm	6	45			0	0	4	5	Hail, rain
			From SW to NE, largest hailstone 1-1/4" diameter, covered ground 30 square mile area.								
NW of McKimsey, Collin Co.	1	5:20 pm					0	0	0	0	Funnel
			Moving SE, did not touch ground.								
S of Sherman, Grayson Co.	1	6:12 pm					0	0	0	0	Funnel
			Did not touch ground.								
Big Spring, Howard Co.	1	6:22 pm					0	0	0	0	Funnel
			Did not touch ground, moving E.								
Bovina, Farmer Co.	1	9:30 pm					0	0	3	6	Hail
			Storm came from north, wheat crops nearly ready for harvest badly damaged, cotton damaged. Most damaging hail in recent history for this area.								
Olton area, Lamb Co.	1	night					0	0		4	Hail
			Damage to cotton and vegetable crops heavy but spotted over area								

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.)									
10 SW Floydada, Floyd Co.	1	night			0	0	4	1	Tornado
			20x10 miles west and south of Olton. Hail piled in drifts one foot deep just west of Circle Community. Accompanying strong winds.						
Malvin, McCullough County	2	late aftn			0	0	0	0	Funnel
			McCoy Community, damage to power and phone lines, trees and one vacant house. Drive-in theater and radio station damaged by wind and rain in Floydada, several business buildings flooded by accompanying heavy rains.						
Hub Community, Farmer Co.	2	late night			0	0	2	4	Hail
			Did not touch ground.						
Snyder, Scurry Co.	3	4 am			0	3	5		Wind, rain, hail
			100% loss, wheat and barley, two adjacent farms.						
			High winds ripped off house roofs, blew down a few buildings, uprooted trees, broke windows, damaged utility poles and lines, TV antennas. Many acres of cotton and other crops hailed or rained out requiring replanting. Wind up to 80 mph. Trailer house completely demolished, occupants hospitalized, injuries not serious. Storm originated near Clovis, N.M., moved over Lubbock, down to Snyder and then spread out and moved eastward.						
Slaton area, Lubbock County	3	early am			0	0	4	0	Wind, hail
			Roofs torn from houses and other buildings, smaller buildings picked up and set down several feet from former location, cotton ruined, some trees destroyed.						
10 WSW Jefferson County Airport	3	noon			1	0	0	0	Electrical
			Man fishing struck and killed by lightning.						
Fabens, El Paso Co.	3	aftn	6	*2-1/2	0	0		5	Hail
			Storm swept across valley from NW to SE. Five hundred acres 85% loss \$191,000; 600 acres 50% loss \$135,000; 900 acres 25% loss \$101,250. Too late to replant fields that were completely damaged.						
Alpine, Brewster Co.	3	aftn			0	0	5		Hail
			Hundreds of windows broken, large number of roofs had to be replaced or repaired. Many broken windshields, windows and dented roofs on automobiles.						
SE of Brady, McCullough Co.	3	aftn			0	0	0	0	Tornado
			Touched down between Brady and Brownwood, no damage reported.						
NW of Lubbock, Lubbock Co.	3	4:57 pm			0	0	0	0	Funnel
			Moving E, did not touch ground.						
Cistern area, Fayette Co.	3	shortly after 5 pm	5	20-30	0	0	2	1	Tornado, rain
			From SW to NE, 1 mi W of Cistern to 5 mi E. Few outbuildings damaged, one small house moved 3 feet. Accompanying small hail, no damage in storm path. Five-inch rains in 30-45 minutes.						
Fort Stockton, Pecos Co., to Pecos area, Reeves Co.	3	6:30-8 pm	75	*28	0	0	3	5	Hail
			Cotton damage. Storm moved SW to NE, hail scattered, largest stone 2" diameter.						
S of Marfa, Presidio County	3	evening		*5	0	0	4	0	Wind
			Damage to crops and irrigation ditches. More than 2 mi of steel tubing telephone poles were bent nearly horizontal. Some accompanying hail.						
10 S Van Horn, Lobo Community, Culberson Co.	3				0	0		5	Hail
			150 acres cotton damaged.						
5 WSW Balcones, Reeves Co.	4	2:15 pm			0	0	0	0	Funnel
			Did not touch ground.						
TEXAS (Cont'd.)									
2 S Katy, Harris Co.	4	10:50 am			0	0	0	0	Funnel
			Did not touch ground.						
N of Hallettsville, Lavaca Co.	4	aftn			0	0	3	4	Wind, hail, rain
			In Kosensky section all barns and outbuildings wrecked on farm, some 6" heavy rain and hail fell destroying all crops on that farm. Large trees uprooted in area, TV antennas blown down. Roof of feed house blown off, all feed in building water-soaked causing heavy damage.						
NW of Bartlett, Bell Co.	4				0	0			Rain
			Severe damage to crops, terraces and gravel roads. Few small hailstones. Cloudburst gave five inches of rain.						
Brownwood, Brown Co.	5	9 am			0	0	4		Rain
			Brick and stone grain elevator collapsed, estimated 4" of rain which fell the previous day was believed the major cause. Freight car inside the elevator was burned over & heavily damaged.						
3 SE Bangs, Brown Co.	5	1:25 pm			0	0	0	0	Funnels
			Two funnels sighted, did not touch ground.						
Swisher Co., Talia & Kress; Lamb Co., Littlefield; Hale Co., Edmondson; Floyd Co., Starley & Lockney areas.	5	2:30-4:15 pm			0	0	3	5	Wind, hail
			Moved SE, combination of hail and high wind damaged ripening wheat in varying degrees on several farms; 75% crop damage estimate. Small damage to cotton and to houses and outbuildings. First wind, about 2:30 pm, was from the east. About 3:30 pm hailstorm moving from north.						
San Antonio, Bexar Co.	5	3:50-5:30 pm			0	1	3	0	Wind
			Wind gusts to 15 mph during violent thunderstorm. Bricklayer broke ankle when he jumped from 6 feet up while working on a wall which was blown down.						
Mitchell County, northern half	5	aftn			0	0	4	5	Wind, sand, hail
			From Fairview east to Buford, across to China Grove and the Nolan County line, two storms knocked out young cotton in rain-soaked fields. Wind caused some damage to TV antennas and windows, trees. Hail destructive in Fairview area.						
Over Corpus Christi Bay, Nueces Co.	6	2:37 pm			0	0	0	0	Funnel
			Moved north, did not touch ground.						
Nr Calallen and over Corpus Christi Bay, Nueces Co.	7	12 noon			0	0	0	0	Funnels
			Did not touch ground.						
Dangerfield, Harris Co.	7				0	2	0	0	Electrical
			Two boys seriously burned when tree under which they stood during storm was struck by lightning.						
Area of Gersa-Little Elm Reservoir and Denton, Denton Co.	12	1:15 am			0	0	4		Wind
			Gusts estimated to 83 mph. Boats crushed or damaged, power lines downed, windows and tree limbs broken, trees uprooted, signs damaged. Near Krus a roofless granary was blown over.						
Dallas Co., Dallas	12	1:45-3 am			0	1	1	6	Wind
			Moved NE to SW, most damage occurred in fringe areas of north part of city. Trees broken and uprooted, small buildings splintered and signs and utility lines down in widely scattered sections of the city. Boy hospitalized after coming in contact with 110-volt wire blown down. More than 50 streets blocked for a time after the storm. One concrete wall and portions of another of 4-1/2 acre warehouse blown down; small frame hangar at private airfield picked up and scattered across highway, 3 planes slammed together causing heavy damage to one, and at another airport a Cessna 170, tied down, was picked up and hurled to ground, total loss. Forty-foot frame and corrugated truck shed blown apart. Storm part of squall line which moved on winds up to 67 mph officially measured at WBAS Fort Worth, spreading damage widely over north Texas.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.)									
Over Aransas Bay, Aransas Co.	12	10:45 am			0	0	0	0	Waterspouts
E of Nederland, Jefferson Co.	14	abt 1 pm			0	0	0	0	Funnel
					Moved E to W, did not touch ground.				
Over Galveston Bay, Chambers Co.	14	12:55 N-1:40 pm			0	0	0	0	Funnels
					Two funnels sighted, moving SE, did not touch ground.				
Corpus Christi Bay, Reeves Co.	14	afn			1	0	0	0	Electrical
					lightning struck and killed man in boat.				
Nederland, Jefferson Co.	14	4:35 pm			0	0	3	0	Tornado
					Drive-in restaurant damaged.				
E Waulder, Gonzales Co.	14				0	0	2	2	Tornado
					Removed roofs of 2 outbuildings, damaged trees. During electrical storm.				
S W Freeport, Brazoria Co.	16	9:10 am			0	0	0	0	Waterspout
					Moved NE.				
SW of Hale Center and at Halfway, Hale Co.	22	btwn 3 & 6 pm	10		0	0	4	5	Tornado
					0	0	0	0	Hail
					Strong winds, golfball-size hail damaged crops, mostly cotton, feed and wheat. About 20,000 acres bottom suffered 25% to 100% damage. Barns and outbuildings destroyed, barrack-type building wove off foundations, roof lifted from building, ends of concrete building blown out. Funnel sighted at Olton and Halfway.				
Big Spring, Howard Co.	22	abt 6:30 pm			0	0	4		Electrical
					Cleaning establishment completely destroyed by fire after hit during heavy thunderstorm, by lightning. City streets damaged by rain.				
13 SE Bowie, Montague Co.	22	night			0	0	4		Rain
					Rain-weakened rail embankment gave way, 5 passenger train cars derailed. 8" rain in two days.				
10 S Pampa, & LeFors, Gray Co.	22	night			0	0	4	0	Wind, electrical
					Roofs torn off 4 small homes, oil company cooling tower and two smokestacks downed. New house and most of contents badly damaged by fire when struck by lightning.				
Hale, Lubbock and Lynn Counties	22	night	70	*10	0	0	5	5	Wind, hail, rain
					Close to 100,000 acres lost or damaged. Damage: Lubbock County, 25,000 acres 25%, rest 75 to 100%; Hale Co., 8,000 acres 50%, 12,000 acres 75 to 100%; Lynn Co., 10,000 acres 85 to 90%, 10,000 acres 75 to 100%. At City of Lubbock roofs and walls of eight warehouses of cotton co-op were damaged, some 40,000 bales were wet, damage \$40,000. At 6:47 pm trailer house moved 90 feet off foundations, destroyed. At Fabba 2 co-op warehouses damaged, 6,000 bales wet. Path of storm approx. 70 mi long and 10 mi wide from west central Hale Co. through center of Lubbock Co. to central Lynn Co. Tornado funnels observed this area during this storm.				
1 N Jacksonville, Cherokee Co.	23	2:50 pm	1/2	50	0	0	2	0	Tornado
					Damaged roof of one house and barn. Moved E. 1.87" rain in one-half hour.				
Mr Pilot Point, Denton Co.	23	afn			0	1	0	0	Electrical
					Man injured when struck by lightning while working in field.				
Jacksonville, Cherokee Co.	23	4 pm			0	0	0	0	Funnels
					Two funnels, did not touch ground.				
15 NW Hale Center, Hale County	23	4:04 pm			0	0	0	0	Funnel
					Did not touch ground.				
2 W Hale Center, Hale Co.	23	5:04 pm			0	0	2	0	Tornado
					Moved south, damage to power lines.				
W of New Deal, Lubbock Co.	23	5:45 pm			0	0	0	0	Funnels
Mr Lake Whitney, Hill Co.	23	7:30 pm	short narrow		0	0	0	0	Tornado
					Moved E on ground, lifted back into cloud.				
Mr Stockdale, Wilson Co.	24	12:30 M			0	0	0	0	Funnels
					Pilot reported funnel clouds within 100 feet of ground.				
TEXAS (Cont'd.)									
N of Garland, Dallas Co.	24	6:40 pm			0	0	0	0	Funnel
					Did not touch ground. Associated with storm.				
1 N Gainesville, Cooke Co.	24	8:30 pm	3/4	100	0	0	3	0	Tornado
					Moved NNE, accompanying heavy thunderstorm. VFW clubhouse and miniature golf course damaged.				
Mr. Rockne, Bastrop Co.	25	6:02 pm			0	0	0	0	Funnel
					Did not touch ground.				
Mr Lehman, Cochran Co.	28	4:30-5 pm	11		0	0		4	Hail
					Moved NE, considerable damage to cotton & crops on 10 farms. During thunderstorm.				
WNW Tulia	30	5:28 pm			0	0	0	0	Tornado
					Pilot report.				
70 NW Lubbock, Castro Co.	30	5:35 pm			0	0	0	0	Tornado
					Pilot report.				
10 NE Plainview, Hale Co.	30	6:07 pm			0	0	0	0	Funnel
					Did not touch ground. Moved SW at 17 mph. Possibly same funnel as that reported S of Hale Center.				
9 S Hale Center, Hale Co.	30	abt 7:15 pm			0	0	0	0	Funnel
					Did not touch ground.				
UTAH									
St. John, Tooele County; and Salt Lake City, Salt Lake County	18	5:30 p.-5:00 p.			0	0	4		Wind
					High winds blow down power and utility poles, out-buildings, trees, damaged several roofs, and caused other minor damage.				
VERMONT									
Larrabee's Point, Addison Co.	27	P.M.			0	0	4	4	Hail, Wind
					Hail and wind damaged apples and toppled trees.				
VIRGINIA									
Rockbridge, Page and Rockingham Counties	2	-mid-night to 4:00 a.					3	C	Heavy rains, flash flooding.
					Heavy rains produced flash flooding on Buffalo Creek, Rockbridge County near intersection of Route 634 and U.S. 11. Traffic halted on Route 11 briefly. Heavy rains and flash flooding produced similar disruption of traffic and damage in the Shenandoah Valley.				
Radford, Montgomery County	12	3:30 p.-5:30 p.					4	C	Electrical storm. Rain and wind
					At least one residence was destroyed as a result of lightning fire at Radford. Arlington Fire Department reported 11 lightning-set fires. In most cases damage slight. Heavy rain and wind accompanied by lightning produced widespread damage in Page County; most damage here resulted from wind.				
Eastern Southhampton County	13	5:00 p.	7	*2				4	Hail storm.
					Hail storm with stones to golf ball size ripped through farm-lands along Route 35, northeast of Newsome, Eastern Southhampton County. Damage resulted in near total loss to some tender crops.				
WASHINGTON									
Entire State	8-9				0	0	3	4	Thunderstorm
					Lightning from scattered thunderstorms caused minor damage to property in the Puget Sound Area. Light hail and brief heavy showers resulted in some damage in the Okanogan, Yakima, Big Bend and Palouse Areas of Eastern Washington.				
Eastern Washington	27				0	0	4	3	Thunderstorms
					One residence at Creston destroyed by fire as a result of being struck by lightning. Light hail and brief heavy showers resulted in some crop damage in few localities.				

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1959

DELAYED DATA

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
WISCONSIN										
Whitewater, Walworth County	6	3:37 p.							Tornado	
	Touched down once, no damage.									
4 E Green Bay, Brown County	10	1:20 p.							Tornado	
	Touched down momentarily, no damage									
25 WSW Milwaukee, Waukesha County	12	midnight-1:45 a.	2	1,000			3		Tornado	
	Trees uprooted, mail boxes down, damage to farm buildings.									
Menomonie, Dunn County	26	1:44 p.							Funnel	
12 N Chippewa Falls, Chippewa County	26	1:20 p.							Tornado	
Colfax, Dunn County	26	2:00 p.					3		Wind	
	Heavy rain and high winds, some roof damage.									
15 NNE Eau Claire, Chippewa County	26	5:55 p.							Funnel	
South-central region of state	28	morning					0	0	Wind	
	Heavy rain and high winds. Barns and roofs damaged, trees blown down, flooding. Some fields washed badly.									
WYOMING										
30 mi. north of Cheyenne	18	afternoon	4	*3				5	Rain and hail	
	Hail storm deposited hail to a depth of 3 inches, destroying wheat and alfalfa crops in the area. Hail stones to about 1 1/2 inches in diameter.									
Big Horn county eastward to include Campbell county.	21	afternoon & evening							Rain and hail	
	A series of thunderstorms through the afternoon and evening caused some flash flooding. Hail stones to 2 inches in diameter were observed south of Gillette. Small amounts of property damage and livestock loss were reported.									
South of Sundance	24	evening	15				3	4	Rain and hail	
	Storm moved down Miller Creek with hail stones to 4 inches in diameter. Some flash flooding from heavy rain.									
Southwest of Sundance	25	afternoon		narrow			3	4	Tornado, hail and rain.	
	Severe thunderstorm moving north to northwestward down Kara creek with heavy rain and hail causing some damage. Tornado developed with storm for a brief period causing most of the reported property damage at one ranch.									
30 mi. east of Greybull	26	3:00 PM	3	200	1	1	3		Tornado, hail and rain.	
	Storm moved from south to north down a fairly steep slope into forested Granite Creek valley and up the other side turning toward the northeast and into more open country. The storm moved through a camp ground and was experienced by several people in the area although the funnel itself was evidently obscured by dust and bits of flying trees. Property damage was caused mostly by heavy hail and falling trees. The one fatality was a man sitting in a pickup truck and killed almost instantly by a tree falling on the truck cab. Eyewitnesses reported a "terrific roar", zero visibility, driving rain and hail and trees twisted off.									
KANSAS										
Reno County	Feb 9	7p.-11p.					0	0	4	Lightning
	During the progress of a thunderstorm, lightning struck a farm house 4 miles south and 1 east of Langdon, entire house and contents were destroyed. An electric transformer was burned out at Turon, a few miles southwest from Langdon. Wind did some damage to telephone and power lines in the area.									
KANSAS										
South central area	2	Evening					0	1		High winds
	High winds caused dust blowing and were responsible for two highway accidents. A gust of wind caught a tow truck and trailer house and turned them over as they emerged from a semi-sheltered area on U. S. Highway No. 81, 10 miles north of Wellington. Damage was estimated at \$900.00. No injuries.									
Much of State	4-5	afternoon of 4th to early morning of 5th.					0	8		Heavy snow, blowing snow, high winds, freezing rain, and sleet.
	A second accident occurred on the Turnpike near the Matfield Green service area when a severe gust of wind blew a car off the roadway as it rounded a curve. The driver was injured and the car a total wreck.									
	This storm was preceded by light rain as it progressed south-eastward across the state. Assumed serious proportions in the Decatur, Norton, Phillips county area about 3 p.m. of the 4th with heavy snow of 3-5 inches that drifted and packed, blocking roads and making them slick and hazardous locally. Drifting snow and very low visibilities later that night brought traffic troubles to the area south and east of Russell in Central Kansas and by morning of the 5th to south-east Kansas as far as Parsons and Fort Scott. The southeastern counties from Brown, to Wyandotte counties were similarly affected by a heavy 8 inch fall of snow. Numerous roads were blocked and the Turn Pike was closed south of Wichita for several hours. Many schools did not open on the 5th. Traffic accidents were numerous resulting in 8 personal injuries. Visibility at times was almost zero. Some snow drifts were 3 to 5 feet deep closing traffic ways under over-passes in the Wichita area. Rural telephone lines were down from the heavy accumulation of snow and high winds. Glaze in the southeast and snow burdened tree limbs, broke many toll circuits in the Chamute-Independence area isolating 25 towns and causing a loss of \$50,000. to telephone equipment. Power failures resulted from wires blowing together. Storm lasted less than 6 hours most places. Lack of severely low temperatures was also an advantage. At Sublette high winds about 4 p. m. of the 5th damaged an outside auger connected with a large grain elevator, to the extent of about \$8,000.00.									
ILLINOIS										
Granite City	Feb. 10	2:15 am	2					5		Tornado
	Destructive tornado in St. Louis, Mo. crossed Mississippi River into Illinois near McKinley Bridge. Tornado moved toward the northeast and damaged factory buildings in the Granite City-Venice area. Some minor damage also reported just south of Edwardsville.									
Atlanta	May 21	10 am						1		Lightning
	Man killed by lightning while driving a tractor near Atlanta.									
NORTH CAROLINA										
Duplin County	April 19	5 p.m.							4	Hail
	Scattered damage to corn, tobacco and fruit over an area of ten square miles.									
Stokes, Surry and Yadkin Counties	28	3-5 p.m.						5	5	Hail
	Widespread crop damage over an area of 125 square miles; windows broken and roofs damaged.									

- * Miles instead of yards.
 - ** Yards instead of miles.
 - o 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.

States and territories not listed in these tables reported no storms or unusual weather phenomena during the month.

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.

SUBSCRIPTION PRICE: 15 cents per copy; yearly subscription \$1.50 domestic, \$2.00 foreign. Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to "Superintendent of Documents, Government Printing Office, Washington 25, D. C."

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DELAYED DATA

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
KANSAS Montgomery County	May 9	4:30p							Electrical Lightning struck a house in Independence which sounded like a terrific explosion. House wiring and some appliances were damaged.
Montgomery and Neosho Counties	9	between 5:00p and 5:30p	8	200					Tornado and hail A small but well developed tornado formed near Independence, passed over Cherryvale to the northeast and dipped to the ground near the junction of highways 160 and 169 and twice more within a distance of 8 miles before disappearing north of Galesburg. Fences, trees, signs, barns were damaged, roofs partially torn from a house or two, windows broken and one house was moved slightly on its foundation. After the tornado had lifted some hail with quite large stones fell in the Galesburg area but without much damage.
Meade County	20	4pm	short						Tornado A small tornado struck a farm 9 miles south and 3 west of Meade. Several sheds and small buildings were damaged.
Smith County	20	evening							Tornado A number of farm buildings were damaged by a small short lived tornado that descended near the O'Neil neighborhood in the southwest part of the county.
Mitchell County	21	Evening							Electrical Lightning struck a house in Beloit with damage to appliances and wiring.
Chase County	23- 24	night							Heavy rain Local flooding from an excessive rain of 6 1/2 inches during the night damaged crops, roads, bridges and badly washed many fields in southwest Chase County.
Gove County	25	near 7pm							Tornado A small funnel cloud was sighted and hit ground 11 miles southeast of Quinter where buildings on 3 or 4 farms were damaged before it lifted. Bales from a large stack of hay were picked up and widely scattered over one farm.
Marshall County	27	Evening							Electrical A barn and contents of 200 bales of hay near Blue Rapids were destroyed by fire after lightning struck.
Wyandotte County	29	4:06 am							Electrical Lightning struck a house in Kansas City, Kansas damaging all electrical appliances and setting fire to the house. The hearing of 2 children was temporarily impaired.
Trego County	29	6 pm							Severe wind and tornado Severe wind and a tornado did some damage east and north of Wakeeney. A tornado struck 6 farms in the vicinity east of Ogallah with much damage to sheds, barns, grain-aries and trees.
Douglas and Franklin Counties	29	6:22 pm							2 funnel clouds Two funnel clouds, one near Ottawa and the other 3 miles south of Lawrence were observed at about the same time, neither touched ground. Some minor damage resulted from attending high winds and occasional hail.
Marshall County	29	evening			3	3			Electrical Lightning struck a barn 3 miles northwest of Frankfort setting it afire, barn and contents of baled hay were burned.
Marshall County	29	7:30p	short		1				Tornado A man driving west on U. S. Highway # 36 about 1 mile east of the Washington-Marshall County line and 14 miles east of the town of Washington sighted a funnel bearing down toward him and jumped from the car taking refuge in a roadside ditch. The car was immediately picked up by the tornado and blown over him. He grabbed the rear bumper but the car was torn from his grasp and scattered northeast for 1/2 mile. The largest piece of the Nash Rambler found was about 3 ft by 5 ft. The man suffered a few bruises, slight cuts and shock. This may have been a reformation of the tornado sighted 8 miles east of Washington.
Bourbon County	31	about noon	5						Severe Winds and torrential rain Severe winds unroofed several farm buildings in the Redfield area and torrential rains fell over the central part of the county causing local flash flooding and washing of fields.
Shawnee County	31	6:12 pm							Electrical(5) Lightning struck the Masonic Temple hurling a shower of bricks for a radius of 1/2 block. The east wall of the building was cracked. Four other locations reported minor damage from lightning about the same time in Topeka.
Cowley County	31	evening							Hail A severe hail storm struck near Dto in the southeast part of the county with much damage to crops. Some wheat was a total loss.