

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

# STORM DATA

JUNE 1960  
Volume 2 No. 6



ASHEVILLE: 1960

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
Dallas County, Safford	3	Afternoon			0	0	4		Electrical	
									Lightning struck huge barn causing fire which destroyed building.	
Marshall, Dekalb Counties	9	Afternoon			0	0	4	4	Wind, hail	
									Scattered damage from wind and hail over an area about 30 miles long and 3 miles wide extending from Albertville toward Valley Head. Around Chavise several farm buildings were destroyed, two porches were damaged and hail killed several hundred small chickens. Damage from wind and hail about equal.	
Covington County, Sasseners Cross Roads Community	9	Afternoon			1	0			Electrical	
									Lightning struck among a group of workers in field killing one and knocking others to the ground.	
Dekalb County	16	Afternoon			0	0	4	4	Hail, electrical	
									Hail, some as large as a hen egg, fell in north portion of county from Heneger to Ider Community, damaging crops. Lightning struck house near Heneger causing fire which destroyed house.	
Henry County	20	9:40 a.							Funnel	
									Pilot reported small tornado aloft 30 miles east of Ozark. Unable to determine whether it touched ground.	
Covington County	23	Afternoon			1	0			Electrical	
									Lightning struck child while working in a field.	
ARIZONA										
Casa Grande (near)	3	1:00 a.m.					4		Wind	
Joseph City	10	1:30 p.m.							Tornado	
									Pilot reported small tornado reaching ground in open desert	
ARKANSAS										
Horatio, Sevier County	1	3:00 p.	400				4	3	Hail, wind	
									Hail, described as chunks of ice up to the size of golfballs, did extensive damage to windows, roofs, automobiles, screens and awnings. Wind destroyed a number of trees. Hail damage is estimated at \$18,000.00 - \$1,000.00 of which was to crops and the remainder to property. Wind damage was estimated at \$1,000.00.	
Patnos, Hempstead County	10	5:05 p.	5	880			2		Tornado	
									Tornado funnel moved northeastward. Principal damage was to broiler house, 1/2 mile west of Patnos.	
DeQueen, Sevier County	15	9:50 p.							Funnel aloft	
									Funnel cloud observed moving to the northeast.	
Piney Community, Garland County	26	4:00 p.	1 1/2	200					Tornado	
									The tornado path was from west to east, across the Piney Community 5 miles west of the City of Hot Springs. A barn was destroyed and there was considerable damage to a store building, houses and out-buildings. Several trees were destroyed and damaged. No estimate of monetary loss is available.	
State of Arkansas	26th thru the 27th				5				Rain	
									A slow moving low-pressure center of tropical origin brought heavy rains to much of the State, with the exception of the northwestern and extreme northern portions, during the three day period, June 26 through the 27th. These rains caused considerable local flooding of creeks, low ground and poorly drained fields. The only major stream to reach flood stage was the Ouachita River at Arkadelphia. Three children were drowned, near Redfield in Jefferson County, when the car in which they were riding was swept off U.S. Highway 66 into a water filled ditch.	
CALIFORNIA										
Calxico	3	a.m.			0	0	3	0	Wind	
									Wooden shed unroofed and tree limbs broken.	
Yuba and Sutter Counties	20				0	0	3	5	Wind	
									Strong north wind blew 30% to 50% of the Santa Rosa plum crop from the trees and did lesser damage to other fruit crops. Many utility lines were blown down.	
COLORADO										
Weld and Larimer Counties	5	early morning			*1 1/2	0	0	3	3	Hail and rain
									Hail and heavy rain damaged crops in the Johnston, Berthoud and Milliken area. About half the damage was from flooding.	
Canon City to La Junta	8	5:12PM			0	0	3	4	Hail and rain	
									Heavy rain accompanied by hail, damaged streets, roads, gardens and farm crops. Flooding caused about 50% of the damage. An unconfirmed tornado was reported on the north end of the Pueblo Ordnance Depot grounds.	
Aurora	9	1:00PM			0	0	3		Wind	
									Gusty wind tore the roofs from 2 patios, one roof was blown over a house landing on a car and smashing its top. A house trailer was upset causing some damage. Minor damage to roofs, windows and trees was reported.	
East Central Colorado	10				0	0	3	4	Hail	
									Hail was intermittent from Aurora to Burlington, where from 10% to 100% losses occurred. Heaviest loss was north and west of Deer-trail where many barley and wheat fields were completely destroyed. The Burlington area suffered hail losses also.	
Upper Arkansas Valley	11	4:00PM			0	0	3	4	Hail	
									Hail driven by strong wind, damaged grain and garden crops in the vicinity of Fowler, Mansfield, Rocky Ford, and La Junta. Roofs, windows and sides of houses were damaged by the hail. Some of the hail was 1 inch in diameter.	
Lakewood	14	4:05PM			1	4	3		Wind	
									One workman was killed and four injured when a partly built apartment building collapsed. Gusts up to 54MPH from the northwest were observed at Stapleton Airfield in east Denver.	
Kit Carson County	18	6:00PM			0	0	3	3	Tornado and hail	
									A tornado accompanied by hail uprooted trees, damaged buildings and crops in an area north of Flagler and in the Seibert vicinity.	
Northeast Colorado	19	Afternoon			0	0		5	Tornado and hail	
									A tornado touched ground briefly near the Fleming area, with no reported damage. Hail and heavy rain damaged grain near Fleming and Yuma.	
Logan and Sedgwick Counties	20	6:00PM 11:00PM			0	0	*5	C	Three Tornadoes and hail	
									Around 6:00PM a funnel cloud was observed in the vicinity of Peets near the Nebr. line, which swept into town, doing damage to grain storage bins, power lines and farm damage to an estimated \$60,000. Hail preceding the tornado brought 80% to 90% crop loss to an 8 by 15 mile swath west of Peets. A second tornado around 11:00PM struck near Ovid in Sedgwick County. Hail earlier in a 2 1/2 by 4 mile area caused 50% to 70% crop damage. A third tornado was observed 5 miles NW of Sterling (time unknown), no damage reported.	
Phillips and Sedgwick Counties	27	4:50PM	7	*1	2	3	4	5	Tornado and hail	
									A tornado cut a swath about a mile wide for 7 miles through winter wheat and barley fields, moving southeastward from near Sedgwick to a point 10 miles north of Holyoke, destroying farm buildings and equipment in its path. Two men were killed, one when his car was swept off the highway and smashed. The other was a wheat farmer, who was driving into his farmyard, when his car was hurled 1/4 mile by the wind. Three others suffered cuts and bruises. One inch hail accompanied the storm.	
Adams County	29	Afternoon			0	1			Wind	
									A gust of wind blew a small foreign sedan off the highway near Brighton, injuring the driver.	
CONNECTICUT										
Hamden, New Haven, Naugatuck; New Haven County	3	2:45 a. to 5:00 a. (EDT)			0	0	4	0	Electrical, Hail	
									Lightning strikes set 6 fires which caused damage estimated between \$5,000 - \$10,000 to 3 homes, car and garage, and two sheds. Although hail fell in Hamden, no damage was reported.	
New Britain; Hartford County	3	12:30 a. (EDT)			0	0	3	0	Electrical, Rain	
									Lightning strike caused minor TV fire. Minor flooding from rain.	
East Haven; New Haven County	3	8:00 a. (EDT)			0	0	3	0	Rain	
									Minor floodings from heavy rain	
Stafford Springs; Tolland County	3	9:30 a.			0	0	4	4	Hail, Wind	
									Hail size of golf balls. High winds. Some crops damaged.	
Westfield, Old Saybrook; Middlesex County	3	8:00 a. to 9:30 a. (EDT)			0	0	4	0	Electrical, Rain	
									Lightning strikes caused \$15,000 damage to installation at Westfield and \$1500 to a home in Old Saybrook. Flash floods in East Haven. Electric service and some phone service disrupted.	
Cheshire, Ansonia, Derby; New Haven County	4	3:45 a. to 4:30 a. (EDT)			0	0	4	0	Electrical	
									Lightning set four fires in homes.	

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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					KILLED	INJURED	PROPERTY	CROPS	
<b>CONNECTICUT (Cont'd.)</b>									
Falls Village, Norfolk Litchfield County	4	6:30 a. to 10:30a. (EDT)			0	0	4	0	Electrical
									Lightning completely destroyed home and partially destroyed barn 20 feet away in Norfolk, hit several homes and killed several cows in Falls Village.
Cromwell; Middlesex County	4	AM			0	0	3	0	Electrical
									Lightning hit transformer.
East Granby; Hartford County	4	5:00 a. to 6:00 a. (EDT)			0	0	2	0	Electrical
									Lightning caused fire in electrical system of residence.
Windsor; Hartford County	4	4:30 a. to 7:00 a. (EDT)			0	0	4	0	Electrical
									Seventeen head purebred Holstein heifers (breeders) killed as result of lightning.
Manchester, Hartford, Unionville, West Hartford, Poquonock, Wethersfield, Windsor, Bloomfield; Hartford County	4	AM			0	0	4	0	Electrical, Rain
									Power and telephone service disrupted because of lightning strikes. Minor flash floods.
Rockville; Tolland County									
Torrington; Litchfield County									
Falls Village; Litchfield County	5	7:00 p. (EDT)			0	0	7	0	Electrical
									Several homes hit by lightning.
Danbury, Brookfield, Bethel, Newtown; Fairfield County	27	11:00 a. (EDT)			0	0	2	0	Wind
									Power failure caused by high winds.
Covestry; Tolland County	30	AM			0	0	4	0	Electrical
									Eight room summer residence and two car garage destroyed by fire suspected to have been caused by lightning.
<b>FLORIDA</b>									
Sarasota Sarasota Co.	3	11:33 AM EST	-	-	0	0	-	-	Funnel Cloud
Sarasota Sarasota Co.	4	7:35 PM EST	-	-	0	0	-	-	Waterspout
Green Cove Springs Clay Co.	4	1:45 PM EST	Short	Narrow	0	0	3	-	Tornado
Key West Monroe Co.	6	4:40 PM EST	-	-	0	0	-	-	Funnel Cloud
Summerfield Marion Co.	6	2:40 PM EST	-	-	0	0	3	-	Wind
Clearwater Beach Pinellas Co.	7	10:15 AM EST	-	-	0	0	-	-	Waterspouts (6)
Homestead Dade Co.	8	11:20 AM EST	-	-	0	0	-	-	Funnel Cloud
Yehaw Junction Osceola Co.	8	6:30 PM EST	Short	Narrow	0	1	3	-	Tornado
									Tornado moved northeastward
Key West Monroe Co.	9	8:00 AM EST	-	-	0	0	-	-	Funnel Cloud
Homestead Dade Co.	9	10:30 AM EST	-	-	0	0	-	-	Funnel Cloud
Kendall Dade Co.	9	10:35 AM EST	-	-	0	0	-	-	Funnel Cloud
Homestead Dade Co.	15	4:30 PM EST	-	-	0	0	-	-	Funnel Cloud
Ruskin Hillsborough Co.	19	2:30 PM EST	1/8	Narrow	0	0	3	-	Tornado
									Tornado path southwest to northeast
Plant City Airport Hillsborough Co.	22	5:30 PM EST	-	-	0	0	4	-	Wind
West Palm Beach Palm Beach Co.	24	9:00 AM EST	-	-	0	0	-	-	Waterspout
Taft Orange Co.	25	2:00 PM EST	-	-	0	0	3	0	Wind
Orlando Orange Co.	25	Afternoon	-	-	1	1	-	-	Lightning
Daytona Beach Volusia Co.	27	4:05 PM EST	-	-	0	0	-	-	Waterspout
<b>FLORIDA (Cont'd.)</b>									
Naples Collier Co.	29	3:15 PM EST	3/4	20	0	1	4	0	Tornado
									Tornado formed over land and moved northwestward into the Gulf of Mexico near Vanderbilt Beach
St. Petersburg Pinellas Co.	29	Afternoon	-	-	0	2	-	-	Lightning
<b>GEORGIA</b>									
Milledgeville, Baldwin County	2	3:35 p.			1	0			Electrical
									Patient at Milledgeville State Hospital killed by lightning while sitting under a tree on hospital grounds.
Northeast	4	p.m.			2	4	4	3	Electrical, wind and rain
									Severe thunderstorms caused widespread, but mostly minor damage in several northeast Georgia counties and other scattered areas. Lightning damaged several buildings and winds uprooted trees, damaged roofs and TV antennas, and caused disruption electrical and telephone service. One man killed and another injured by lightning in Hall County. A second man was killed by lightning in Pulaski County and three children were knocked unconscious temporarily when lightning struck a tree outside their home at East Point.
Woodbury, 7 miles North, Meriwether County	4	5:05 p.	?	?	0	0			Funnel cloud
									Pilot reported seeing funnel cloud. It apparently did not touch ground.
South Central	7	p.m.					3	4	Hail, wind, rain and electrical
									Hail, wind and heavy rains associated with severe thunderstorms caused damage to crops and property in several south Georgia counties. Tobacco suffered the greatest hail damage with a number of fields almost destroyed. Several trees uprooted and outhouses damaged or destroyed by wind. Telephone and electric services disrupted in some areas by wind and lightning.
Warner Robins, Houston County	25				2	20			Electrical
									Two people were killed and about 20 injured when lightning struck a small tin-roofed shed under which they had sought shelter after being driven from a golf course by rain.
DeSoto, Sumpter County	29	8:00 p.	Short	Narrow	0	0	3	0	Tornado
									A storm, described as a small tornado, unroofed two buildings, uprooted trees and blew down power and telephone lines in the business section of the small town of DeSoto.
<b>ILLINOIS</b>									
Reyworth	1	Evening	Short		0	0	2		Tornado
Vandalia	4	1:18 p	Short		0	0			PIREP Tornado
Bloomington-Normal, Farmer City, Sadorus	4-5	11:37 p-1:00 a	55	20	0	1	05	C	Tornado
									Tornado moving SE about 45 mph touched ground intermittently. It demolished a concrete block truck terminal (\$50,000 damage) at Bloomington, did major damage to farmsteads at Farmer City, Tveddale and Sadorus. One woman was injured.
Wedron	4	6:00 p	Short		0	0	2		Small tornado
									Damaged homes, uprooted trees, tipped down in two spots
Belleflower to Fisher	5	0:17 a	20		0	0	04	C	Tornado
Central Illinois	4-5	6p-6a			0	0	06	C	Hail, windstorms, rain, electrical
									In addition to the above tornadoes, widespread damage was done to crops, trees, powerlines, buildings and other property throughout central Illinois. 1 inch hail was reported at Reynolds, Pekin and Peoria during the evening of the 4th. Lightning set a \$7,000 blaze on an apartment house roof at Peoria and did damage to many electrical transformers across the state. A windstorm completely demolished a new 50' trailer at Pantou. A 40-ton crane was ripped from its moorings in the Champaign area.
Matoon	11	4:45 p			0	0	2		Electrical
									Lightning damaged Church, residence, TV set
Newton	11	Afternoon			0	0	3		Wind
									Wind toppled wooden screen at Drive-in theatre
Effingham	11	Afternoon			0	0	3		Electrical
									20 transformers damaged

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
ILLINOIS (Cont'd.)									
Weston	11	Afternoon			0	0	3		Wind
									Destroyed metal shed, uprooted 3 trees, blew down chimney
Springfield	11	Afternoon			0	0	3		Electrical
									Two homes struck by lightning. Damage estimated at \$575
Chicago	15	Afternoon			0	0			Hail, 3/4"
Elgin	15	Afternoon			0	0			Hail
Sidell	16	Afternoon			0	0	0 <sup>3</sup>	C	Tornado, hail
									Unroofed barn, twisted off trees
Wood River	16	Afternoon			0	0	3		Tornado
									Moving along at tree-top height, ripped shingles from garage, uprooted trees and felled powerlines
Whitaker	16	Afternoon			0	0	0 <sup>4</sup>	C	Tornado, hail
									Two farm buildings demolished, house trailer twisted, trees felled
Marengo, Carpentersville, Elgin	16	7:30 p - 8:30 p			0	0	0		Funnel clouds
Joliet	16	8:00 a			0	0	2		Electrical
									Two homes struck by same bolt of lightning, damage minor
Roanoke	16	Afternoon			0	0	3		Electrical
									Lightning struck a transformer and switchboard in feedmill
Pontiac	16	Afternoon			0	0	3		Heavy rain (2.2")
									Flooded streets and basements of homes, stores
Garrett, Dry Grove, Milford, Pana, Alton, other locations	16	Afternoon			0	0	0 <sup>5</sup>	C	Hail
									Hickory nut dise, and larger, hail did extensive crop damage across central Illinois
Rantoul, Arthur, Saybrook, Morton, Springfield, other locations	16	Afternoon			0	0	5		High winds, thunderstorms
									High winds uprooted trees, unroofed buildings, destroyed powerlines and did other major damage across central Illinois
Springfield, Pana, Cissna, Jerseyville	20-21	Afternoon and night			1	1	3		Electrical, rain
									Lightning struck two residences in Springfield (\$70 damages), killed one man and injured another while golfing at Jerseyville. Heavy rain flooded basements, streets and sewers other locations.
Poag	22	7:30 p			0	0	3		Tornado
									Small tornado dipped down, unroofed barn, uprooted trees and damaged buildings
Shumway	22	8:00 p			0	0	0 <sup>5</sup>	C	Tornado
									Tornado damaged homes, church, high school cafeteria and destroyed several barns
Matoon	22	Evening			0	1			Electrical
									Man was hospitalized after being struck by lightning
Fayetteville, 1 N	22	9:03 p							Funnel cloud
Edwardsville, 8 N	22	8:00 p							Funnel cloud
Virginia-Springfield-Toronto	23	2:30 a - 3:15 a	35	100	0	6	0 <sup>5</sup>	C	Tornado
									Tornado wrecked grain bin, uprooted trees, damaged homes in Virginia, overturned house trailer (3 injured), wrecked a farm home (2 injured), tent (1 injured) on intermittent SE to ESE path. Storm moved to within 7 miles south of Springfield at about 45 mph.
Tolono	23	4:03 a	3 <sup>1</sup> / <sub>2</sub>	800	0	0	0 <sup>4</sup>	C	Tornado, hail
									Tornado moving on a SEly track wrecked two machine sheds and unroofed a barn. There was also considerable hail damage to crops.
Peoria	23	2:24 a			0	0	3		Electrical
									Lightning knocked out power to Peoria Caterpillar Company
Pekin, Quincy, Macomb, Shelby county	23	Early			0	0	0 <sup>4</sup>	C	Heavy rains
									Flooding caused sewage to back into basements at Macomb and the evacuation of 6 families at Pekin. 15,000 acres flooded in Shelby county, and other locations.
St. Clair, Macon counties	23	Early			0	0	5		Hail
									Severe hail damage to crops. Cream reported hailstones 3/4" dia.
ILLINOIS (Cont'd.)									
Big Neck to Mt. Sterling	23	2:00 a	24		0	0	0 <sup>4</sup>	C	Tornado, electrical
									Damage to farm buildings, trees, powerlines, crops. Lightning set fire to barn
Lake Michigan, off 95th St., Chicago	23	10:15 a			0	0	3		Sudden squall
									80 fishermen rescued from a breakwater 2 miles out in Lake Michigan when sudden squall caused 15 foot waves to whip over pier. One outboard cruiser capsized.
Johnsonville	23	Early			0	1	4		high winds
									Man injured when strong winds rolled house trailer 100 feet. Barn and grain bins were toppled in vicinity.
Peekin	23	2:00 a			0	1	1	0	Electrical
									Woman hit by lightning as she closed window
Benton	24	0:26 a							Funnel cloud
Quincy, surrounding area	28	Night			1	5	0 <sup>5</sup>	C	Thunderstorms, high wind, hail
									Three persons injured when trailers were blown over. Golf ball size hail injured head of one man. Woman cut on legs when wind blew out window. Quincy woman killed when wind caved in apartment building. \$5,000 damage to stadium. Baseball size hail fell in some locations. 360 foot microwave tower blown over.
Sandoval	28	11:00 p	Short		0	0	3		Tornado
									Small tornado at tree-top level destroyed garage, 2 sheds
Southern Illinois, Mr. Vernon, Carbondale, Harrisburg, Centralia	28	night			0	0	0 <sup>5</sup>	C	Thunderstorms, Wind, rain, hail
									Damaging winds blew down many trees and powerlines, deroofed many farm buildings. \$5,000 damage to carnival tents. Heavy rain and hail damaged crops
Rockford, Winnebago, Boone, Ogle, DeKalb counties	28	5:15 p			0	41	0 <sup>6</sup>	C	Wind, hail
									Hailstones, varying in size from large kernels to baseball size did damage in excess of \$500,000 with crop damage in surrounding area estimated at least \$100,000. Greens to six golf courses were badly damaged. 40 golfers suffered bruises by large hailstones. A farmer badly bruised by hailstones while working in field near Kirkland.
Maryville	28	Night			0	2	4		Heavy rain
									Severe storm caused forced landing of light aircraft on highway 159. Car hit aircraft injuring both pilot and driver.
Harding	28	Night			0	1			Electrical
									Lightning struck telephone line knocking woman unconscious for 15 minutes. She was hospitalized.
North Alton-Bethalto-Collinsville, and surrounding areas	30	1:00 a - 1:30 a	25		0	17	0 <sup>6</sup>	C	Tornado, severe thunderstorms, wind
									Tornado, accompanied by severe thunderstorm activity over wide area moved SE damaging many homes and uprooted many trees. At Bethalto airport 3 hangars were destroyed and 48 aircraft destroyed or damaged with total damage estimated near one million dollars. Also at Bethalto, 7 house trailers were overturned with about \$35,000 damage. At Amber Hill, 8 persons required medical attention after being hit by flying debris. A mother and four children were injured at Godfrey when their house was hurled off its foundation. Total damage for the area estimated at 4 to 5 million dollars.
Bradford	30	7:15 p							Funnel cloud
INDIANA									
Scalesville (near) Warrick County	2	3:42 P	?	?	0	0	0	0	Funnel Cloud
									Pilot reported funnel cloud.
Bristol, Elkhart County	4	8:35 P	?	?	0	0	0	0	Funnel Cloud
									State police reported funnel cloud moving northeastward from near Jefferson School on Elkhart County Road 15 until it disappeared 15 minutes later southeast of Bristol.
New Castle, Henry County	11	afternoon			1	0	0	0	Lightning
									Youth was killed by lightning while walking in a park.
Rose City, Noble County	11	afternoon			0	1	0	0	Lightning
									Fisherman severely shocked by lightning.
Logansport, Cass County	13	3:25 P	?	?	0	2	3	0	Wind
									Winds of 70 to 80 mph damaged a hangar and five airplanes.

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<b>INDIANA (Cont'd.)</b>										
Borden, Henryville and Sellersburg in Clark County	13	5:30 P to 8 P	?	?	0	?	6	4	Rain	
									Fifty homes and farm land flooded by rain exceeding five inches in a brief time.	
St. John, Lake County	16	4:03 P to 4:20 P	1	100	0	0	3	0	Tornado, wind	
									Tornado traveled toward northeast, afterwards hail fell and winds shifted from southwest to northwest. Tornado caused \$75 damage to trees at Lake Hills Country Club and winds damaged \$450 worth of property. A building in St. John was also damaged by wind.	
Goshen, Goshen County	16	5:30 P	?	?	0	0	4	0	Wind	
									High winds toppled about 135 trees near Elkhart and Goshen damaging cars, homes, high lines, and blocked roads.	
North central Indiana	16	evening	?	?	0	?	6	4	Wind, hail, lightning	
									High winds damaged roofs, high lines, and felled trees. Small hail damaged a few fields of crops. Lightning caused a few minor fires.	
Southwest and south central Indiana	22 23	nights of	?	?	0	?	6	4	Wind, hail, lightning, rain	
									Numerous severe thunderstorms caused scattered damage in a wide area. Heavy rain at Bloomington flooded buildings on university campus. At Sellersburg, lightning and resulting fire destroyed a garage and 11 cars with a loss of \$100,000. Hail the size of hen eggs destroyed some crops southeast of Cloverdale. Huge acreage of crops flooded.	
Terre Haute, Vigo County	22	10 P	?	?	0	2	5	0	Tornado	
									American Red Cross reported two persons injured, 3 homes destroyed and 50 homes damaged northeast of Terre Haute.	
Decatur County	24	3:30 A	?	?	0	0	4	3	Wind	
									A severe wind storm caused considerable damage to utility lines, roofs of houses, trees and TV antenna from near Alert northeastward through Smyrna.	
Greencastle, Putnam County	29	afternoon	?	?	0	0	0	3	Hail	
									Golf ball size hail killed 200 turkeys.	
Bath, Franklin County	30	4 P	?	?	0	0	0	3	Tornado	
									A housewife reported a hailstorm at 3 p which lasted about 10 minutes and then was followed by rain. At 4 p a loud roaring sound was heard and a "black heavy cloud" approached the house. Windows were broken and front porch was torn off. A calf was lifted from one pasture to another.	
Bourbon, Marshall County	30	5:50 P	?	?	0	0	0	0	Tornado	
									City police of Warsaw reported a tornado touched ground 4 miles east of Bourbon and moved eastward.	
<b>IOWA</b>										
Central City to Cascade	1	Aftn.	25				3	4	Hail	
									High winds and heavy rains associated with storms each accounted for about 20% of total damage. Hail 1 inch diameter.	
Bedford	4	5:00 p.					4	3	Windstorm	
									Associated soft hail.	
Essex to Bethesda, Page County	4	5:00 p.	10	2500			3	5	Hail	
									Hailstones 2 1/2" diameter, drifted 1 1/2 feet deep. 4" rain locally accounted for 10% of losses estimated near \$75,000.	
Clarinda	4	8:00 p.					3	3	Hail	
									Hail 1 1/2" diameter, most property damage due to high winds.	
Muscatine	4	8:15 p.					4		Windstorm	
									10% of loss due to heavy rains. loss estimated \$20,000.	
Boone	4	9:00 p.					4		Lightning	
									13 head of cattle killed valued at \$11,075.	
Kellogg (near)	10	8:30 a.			1				Lightning	
Nichols	10	9:00 a.			1				Lightning	
Richland	10	8:00 p.					4		Tornado	
Burlington	10	10:00 p.					5		Lightning	
									Struck and burned warehouse with contents, estimated loss \$200,000.	
Newton 7NE	11	6:00 p.			2				Lightning	
<b>IOWA (Cont'd.)</b>										
Hamburg	15	7:30 p.							Funnel cloud	
Council Bluffs	15	10:00 p.						4	Windstorm	
Ida Grove	15	10:30 p.					1		Lightning	
Fort Dodge	16	6:00 a.	1	200				4	Tornado	
									Farm buildings demolished.	
Indianola	16	12:30 p.	2	150				4	Tornado	
									Farm buildings destroyed.	
Pomeroy	18	2:12 p.							Tornado funnel	
Varina, Pocahontas Co. to Harcourt, Webster Co.	18	2:30 p.	45					6	6	Hailstorm
									A squall line formed with cumulo-nimbus exceeding 50,000 ft. high that moved southeastward producing hail up to 3" in diameter, locally heavy rainfalls and winds estimated at 70 mph. Considerable damage around Varina, Fonda, Knoke and Pomeroy as a swath 5-10 miles wide was devastated mostly by hail 8-10 on the ground and 3-4 ft. in ditches, and strong winds. The worst storm in several decades this area. Several funnels were reported with this storm cell.	
Steamboat Rock, Hardin County	18	3:00 p.							Tornado funnel	
Morrison to Reinbeck	18	3:40 p.	9	3500				4	6	Windstorm
									Associated hail caused 10% of loss, heavy rains caused 15% of loss. 2 1/2 inches rain reported in less than 20 minutes. 10 minute hail storm covered ground damaging or destroying 11,520 acres of crops.	
Estherville thru Gruver	23	3:30 a.	10					4	4	Hail
									1 1/2 inch hailstones, wind losses 30%.	
Rossie to Gillette Grove, Clay Co.	23	4:00 a.	10	440				4	Hail	
									3/4 inch hailstones.	
Akron	28	8:00 a.						5	Hail	
									Hailstones 1 1/2 inches in diameter.	
Boone thru Keokuk	28	3:00 p.	175				5	6	Windstorm	
									A pre-frontal squall line developed to great intensity in the Boone and Ames area with hailstones to 3 X 2 1/2 inches and moved southeastward through Newton, Pella, Oskaloosa, Ottumwa, Fairfield, Keosauqua and Keokuk in a five hour period with numerous hail and locally heavy rainfalls and devastating winds recorded to more than 115 mph at Ottumwa where losses were quite extensive. Communications were severed 2 days in several localities within 15 minutes nearly 2 inches of rain fell at Ottumwa, and at Pella an unofficial measurement of 5 1/2" rainfall during the storm passage was recorded. Baseball size hail reported many localities including Pella, Leighton, Ottumwa and Newton.	
Spencer	28	4:00 p.						1	Lightning	
Davenport 5N	28	6:30 p.	1/6	35				4	Tornado	
Corning	30	4:00 p.						4	Windstorm	
Traer	30	4:38 p.							Funnel cloud	
									Possible funnel sighted by pilot.	
<b>KANSAS</b>										
Marshall, Nemaha, Jackson, Pottawatomie, Riley, Geary and Dickinson Counties.	1	4:45-6:30p						4	4	3 Tornadoes, 2 funnel clouds, hail, electrical, and severe winds.
									A thunderstorm squall line moving from the southwest developed severe conditions over these counties. A small tornado that touched ground several times in its 3 mile path from northeast to southwest from a point a few miles north of Centralia to about west of that town. Some damaged spots were 100 yds. wide. A funnel cloud was also observed south of town. A small tornado dipped to earth twice north of Abilene but did no damage. Hail damaged crops in scattered localities over the north part of Dickinson County. Hail over several areas in southern Marshall, northern Pottawatomie and northwestern Jackson Counties caused considerable crop damage, \$30,000.00. The hail was driven by high winds. Near Onego stones were reported the size of hen eggs. Wind damage to property totaled \$14,500.00. A second funnel cloud was sighted about 5 miles north of Junction City about 6 pm. Trees were blown over and some building damage resulted in Manhattan and Wamego. Some lightning damage was done in Junction City.	
Cherokee County	1	early AM						2	Lightning	
									Lightning damaged a building in Baxter Springs during an early morning thunderstorm.	

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
KANSAS (Cont'd.)									
Numerous localities in Southeast Kansas	1	7:30p-11:00pm					4		Electrical (8)
									Severe lightning from a thunderstorm over this area caused damage at no less than 8 places from Augusta to Coffeyville. Telephone lines, transformers and appliances were damaged. One barn was a total loss from the resulting fire and 2 houses were partially burned.
Sedgwick County	5	3:05am							Hail Hail ranging in size up to 2 inches in diameter was reported in the southern part of Wichita. Quite a number of hail loss claims were paid.
Montgomery County	5	7:30a-8:00a					3		Electrical Two lightning strikes caused damage at 2 homes in Cherryvale. Wiring and appliances were the main damage.
Clark County	8	3:30am							Electrical Lightning damaged a kitchen and living room of a home in Minneola. Curtains had holes burned in them. A rug had been ripped and tufts torn from it, chairs stripping around the built-ins of the kitchen were torn off and chunks of linoleum raised from the floor. Wiring and some appliances were damaged.
Decatur County	8	2:02pm							Funnel cloud. A funnel cloud was sighted about 8 miles north northwest of Seldan.
Barton County	8	1:10pm							Funnel cloud. A funnel cloud was observed 4 miles northeast of Ellinwood. Cloud moved northeastward.
Rice County	8	2:01pm							Funnel cloud. Another funnel cloud which may have been a reformation of the one above in Barton County was visible 3 to 5 miles north of Lyons.
Basilton County	8	8:40pm							Funnel cloud. A funnel cloud was reported 13 miles south of Syracuse.
Hodgeman, Gray, Haskell, Finney and Gove Counties	8	evening							Hail and heavy rain. A very heavy rain, estimated up to 8 inches fell in a short time over a limited area a few miles northwest of Jetmore. At one place 1/2 mile of highway was covered from 8pm to 10pm. Heavy hail damaged wheat 100% in a strip 4 miles long and 2 miles wide just north of Jetmore. Numerous hail damage claims were processed also in the other counties listed.
Sherman County	9	6:24pm-6:40pm					4	3	Tornadoes. At 6:20pm the first tornado was sighted 4 miles east and 2 north of the Goodland Weather Bureau Office. It remained almost stationary with some change in intensity for 8 to 10 minutes. It appeared bluish-gray in color. At 6:22pm a second tornado was sighted on the ground 5 miles east and 3 north of the office. It was visible for approximately 1 minute and then dissipated. A third funnel appeared alongside the first tornado but dissipated as it struck ground. The first tornado began a definite increase in length and a thick rope like tube almost transparent appeared above the point where the dust was being raised into the air. Dust and debris in the tube made the entire funnel visible from the ground to cloud base, approximately 4,500 feet. This tornado moved slowly about 2 miles northeast in 10 minutes. After striking a farm plant where some buildings and machinery damage was done, the lower part began to weaken and last only a rotating cloud base was visible where the funnel disappeared.
Finney County	9	7pm							Electrical A bolt of lightning struck a home in Garden City. A wall was scorched and appliances damaged.
Butler County	10	3:30pm							Electrical Lightning struck a farm house 8 miles south of Augusta damaging several appliances. There was little fire but smoke filled the house causing the renovation and redecorating of walls, floors and furnishings.
Thomas, Rawlins and Decatur Counties	10	7pm-11pm			2		4	5	2 tornadoes and heavy rain Storm conditions developed about 7pm as heavy rain fell from southwest Thomas County northeastward to northwest Decatur County. High intensity rain fell of 4 to 6 inches locally a few miles west of Colby and near Berden caused flash flooding. Two men drowned when their car was swept from the highway west of Colby. Eleven families were evacuated from flooded lower portions of Berden. Two tornadoes were observed, one touched ground at 7pm about 12 miles south of Levant as it travelled northeast. The other was sighted at 7:40pm 11 miles west of Oberlin and 3 miles south of U. S. Highway # 36. It lasted about 6 minutes and travelled almost due north. Neither caused damage. Losses resulted from the heavy rain.
Ford County	11	2:30am							Electrical Power and gas wires were severed when lightning struck in downtown Dodge City at 2:30am. Service over a large part of town was not restored until 3:40am.
KANSAS (Cont'd.)									
Keary County	11	1:45pm							2 funnel clouds. Two funnel clouds appeared for a few minutes suspended from a very dark appearing cloud about 14 miles northeast of Lakin. Movement was toward the southeast.
Pottawatomie County	11	afternoon					1		Electrical A man was injured when struck by lightning near St. Marys.
Coffey County	11	2:40pm-2:55pm	10	*5			4		Severe winds. Three large hay barns near Grilly were destroyed by hurricane force winds. Trees, T.V. antennas and transmission lines were also damaged over the southern part of the County. Storm moved from northwest to southeast.
Wyandotte County	11	afternoon							Electrical (4) Several lightning strikes in various parts of Kansas City, Kansas resulted in power failures. A large tree at one place and a power pole at another were struck by lightning.
Scott, Lane, Ness, Pawnee and Stafford Counties	11	Late evening							Hail and strong winds. Many hail claims were adjusted over these counties after a thunderstorm swept across from Scott County through Pawnee and to Stafford County.
Geary County	12	4:27am							Electrical Lightning followed the wiring into a house in Junction City and the resulting fire caused considerable damage to an outside wall.
Western Counties	12	afternoon					3		Hail, severe wind, and a funnel cloud. Damaging hail fell in many areas from Thomas County south to Norton County and east to Ness and Pawnee Counties. Near Oakley 3 boys were caught out in the hail and were badly beaten by small hail stones driven by winds estimated at 90 mph. Wind damaged buildings and machinery in northeast Logan and northwest Gove Counties. A funnel cloud was reported 5 miles northwest of Ulysses in Grant County.
Osage County	12	afternoon							Electrical Power and telephones were put out of operation for some time by lightning strikes in Lyndon. A set of aluminum salt and pepper shakers were melted into a puddle on an electric stove.
Central Counties	15	7pm to midnight					4		Electrical, hail, wind and 2 funnel clouds. Damaging hail fell in Rush, Barton, Rice, Ellis and Osborne counties. Winds and lightning damaged power lines in Clay and Dickinson Counties. Lightning struck a gun barrel storage plant 8 miles south of Hill City. At 11pm a bolt of lightning hit a newspaper plant in Linaborg with a resulting fire loss of \$25,000.00. Funnel clouds were reported from northwest of Hill City at 7:00pm and 6 miles northwest of Fort Riley at 10:16pm. Both were of short duration. Severe winds caused tree damage at and near Emporia about midnight where a large plate glass window was blown in by a hard gust.
Woodson County	16	early morning					4		Electrical Two large barns and contents of hay were burned after being struck by lightning north of Yates Center.
McPherson and Saline Counties	18	4:30am-6:00am							Electrical, hail and funnel cloud. During a thunderstorm over Central Kansas, lightning struck a house in McPherson and burned but some wiring. Hail fell in various parts of these counties but without great damage. A small funnel cloud was observed for approximately 10 minutes about 4:30 am southwest of Salina. It moved northeast.
Wilson and Neosho Counties	18	8am-10:30am							Electrical (4) Four houses were struck by lightning across the southern parts of Wilson and Neosho Counties. One house was a complete loss.
Johnson County	18	afternoon					5		Electrical Three men and 2 boys were knocked down by lightning while playing golf near Kansas City. Two were rendered unconscious and all required medical treatment.
Wyandotte County	18	afternoon					1	3	Electrical Lightning struck a house in Edwardsville damaging the chimney and fireplace. A 14 year old girl was injured by flying debris.
Greeley and Wichita Counties	18	8:00pm-9:00pm	30	*7			4	6	Hail and wind. A severe hail storm damaged a path from near Cheyenne Wells in eastern Colorado across northern Greeley County to southeast Wichita County. Stones varied in size from 1/2 inch to 1 inch and covered the ground in heaviest area to a depth of 6 inches. An estimated 1,000,000 bushels of wheat were lost. Hail was driven by a high wind. Many windows were broken and sliding on houses dented by the hail. Hail fell for about 20 minutes near Tribune.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
<b>KANSAS (Cont'd.)</b>										
Central Counties	19	12:00am-2:30am	10	400				4		Electrical, severe wind.
A thunderstorm of severe lightning and wind caused material damage across Ellis, Ellsworth and Saline Counties. Lightning struck an oil storage tank 7 miles west of Hays. A number of trees were struck in Ellsworth. Wind damage to buildings, trees, transmission lines, signs, T.V. Aerials were damaged at intervals from 20 miles southwest of Hays to Solomon, but the damage was greatest in and near Ellsworth. Winds in that neighborhood were estimated at 80 to 100 mph.										
Horton County	19	10:30pm-midnight								Severe wind and Electrical.
Severe wind caused much damage to trees and buildings over various parts of the county, the most severe damage was near Edmond in the southern part of the county. One house was struck by lightning with shingles and siding ripped off.										
South Central Counties	20	1:00am-4:00pm						4		Wind, electrical
A severe storm squall progressed from Lincoln County southward through Sumner County. Vicious winds damaged trees, power and transmission lines, unroofed buildings, tipped over trailer houses, and flattened uncut wheat. Winds reached velocities of 75 to 80 mph. Storm moved almost due south traveling from Russell County about 1:30am to Eldorado and Wichita by 3:15 am and to southern Sumner County by 4am. Two homes in Russell were struck by lightning, also a crude oil storage tank west of Russell was set on fire. The Highway Patrol radio tower at Salina was hit and a house in Great Bend damaged somewhat, and many telephone and power lines put out of operation in Wichita by lightning. Damage, lightning \$9,500.										
Northeast Counties	21	8:00am-9:00am								Wind, hail and electrical.
Hail measuring one inch in diameter fell in parts of Kansas City doing considerable damage to a greenhouse and contents. Lightning and wind caused many outages of power service from Kansas City to Atchison. Several houses were damaged.										
Northern Counties	22	10:00pm-midnight								Hail
Many hail losses on wheat were adjusted from Norton County eastward through Washington County. Stones ranged up to golf ball size. Damage varied from little or none some localities to almost 100%.										
Republic and Washington Counties	23	12:00am-12:30am								Hail
Half inch hail damaged crops and some roofs and windows over these two counties. Storm lasted about 10 minutes at any one place.										
Atchison County	23	3:00am-4:00am								Hail and wind.
Broken windows, roof damage and many trees broken and blown over give evidence of the severity of the wind. Some power and telephone poles were blown down. Hail shredded corn and beat wheat into the ground.										
Franklin County	28	3:15am								Hail
A brief hail storm hit the Ottawa vicinity. A few stones were as large as 2 inches in diameter. Only 3 or 4 holes could be found among the thousands of panes of glass at the greenhouse.										
Republic, Washington, and Marshall Counties	29	12:15am-1:00am						4	4	Hail
Local damage resulted from 1/2 to 1 inch hail over these counties. Several paths were from north to south and as much as 8 miles long and 1,000 yards wide. A few stones were 2 inches in diameter.										
Cheyenne, Rawlins, Decatur and Norton Counties	29	9:00pm-10:30pm	40	*12				5	6	Hail and wind.
The hail began in Colorado and crossed the center of Cheyenne County west to east and continued in the definite path to about the south central part of Rawlins County. The path along the Colorado line was about 10 or 12 miles wide. In eastern Rawlins, Decatur and Norton Counties damage was in more local areas. As storm began wind was 25-35 mph from northwest then changed to 35-45 mph from south and east. Roofs, trees, cars, signs and crops damaged and ruined. Stones ranged from 3/4 inch to 2 1/2 inches in diameter. Hail covered the ground at St. Francis. Storm lasted only about 10 minutes at St. Francis. Damage estimates are for Cheyenne County only.										
Brown, Doniphan and Atchison Counties	30	3:30pm-5:00pm						5	6	Wind, hail and funnel cloud.
Severe storm conditions prevailed over these 3 counties with hail averaging marble size but with some stones 3 inches in diameter near Hiawatha. Strong winds were quite prevalent but most severe damage was near Benham where barns were blown over and one house had the roof taken off and walls bulged beyond repair. Numerous power lines were broken by falling trees and limbs. Roads were blocked by broken trees. A funnel cloud was sighted at the north side of Hiawatha where there was considerable wind damage. Many windows in homes, stores, churches and schools were broken. In Doniphan County damage estimates were: Property, wind \$35,000.; hail \$75,000.; Crop \$750,400.										
<b>KENTUCKY</b>										
Union County	5	330 PM								Funnel Cloud
Pilot reported funnel cloud which dissipated										
Owsley County	11	505 PM								Heavy Hail
State police reported heavy hail and rain accompanied by destructive winds with estimated velocity 35 mph at Booneville moving in a northeasterly direction										
South Central and Southeast	16	PM							4	C Severe Thunderstorm
Numerous reports of structural damage in Allen and Barren counties. Telephone lines damaged in the Corbin area. Hail approximately 1 inch in diameter reported in the Finney area of Barren county. 10 dairy cattle electrocuted by lightning near Hiseville in Barren county.										
North Central and East	22-23	Night of 22nd and AM of 23rd						5		*6 C Heavy rain
Heavy rains accompanied by violent lightning caused extensive flash flooding of roads, homes, buildings, trailer homes, and cars. Flooding was heaviest in Jefferson, Spencer, Anderson and Fayette counties. Some wind and lightning damage throughout but numerous reports of damage in Bracken, Lewis, Carter and Mason counties. Crop damage ranged from heavy to slight depending on the drainage of individual fields with those in low or poorly drained areas flooded and ruined. Heavy damage to utility lines throughout the storm area. Deaths included one accidental electrocution in Louisville, one suffocation due to lightning-induced fire in Lexington, one accidental drowning in Carrollton, one lightning caused electrocution in Lexington and one man struck by lightning at Moreland in Lincoln county.										
South Central	27 & 28									*4 C Heavy rain
Heavy rain from Caldwell county east-southeastward through Barren county caused low places to flood rapidly, drowning some crops, inundating roads in low places and washing out roads in some places. Hundreds of basements reported flooded in Bowling Green and public utility lines down throughout the storm area.										
West Central	28 & 29	1130 PM - 1 AM						12	*6	C Tornado
Severe thunderstorms moved eastward through the area with scattered property damage. Tornado moved eastward from Morganfield and Uniontown through Cairo, Poble and South Henderson causing heavy destruction to some local areas. 11 of the injured were soldiers on overnight bivouac at Camp Breckinridge.										
Central and East	30	AM								*6 C Severe Thunderstorm
Severe thunderstorms moved eastward through the area blowing down numerous trees across utility lines and highways and blowing some torn badly. Lightning struck a distillery warehouse at Owensboro and set off a fire which destroyed 20,000 barrels of whiskey.										
<b>LOUISIANA</b>										
Shreveport (near) Caddo Parish	1	7 pm						0	0	4 4 Hail
Hail stones reported "large as golf ball".										
New Orleans	7	4:05 pm	2	M1				0	0	5 0 Wind and Hail
Heavy rain attended by wind and hail struck in Algiers area and business district of city. Eighty-five ft. radio antenna blown down, warehouse unroofed, and utility poles snapped off. Hail 3/4 inch.										
Pine Prairie 2 S Evangeline Parish	9	3:10 pm	1	30				0	0	4 0 Tornado
Burrwood	15	7 am								- - Waterspouts
Several waterspouts observed to west and within 10 miles of station from 7 to 9 am.										
Lake Pontchartrain	23	2 pm								- - Waterspout
Waterspout reported 20 miles north of Moisant Airport over the lake.										
<b>MAINE</b>										
South Liberty and Washington	1	Around 5a						0	0	3 0 Electrical
Lightning wrecked a church steeple in South Liberty and damaged a home in Washington. These storms were a part of a series of thunderstorms that swept southeastward across New England.										
Dexter	4	4:30 p.						0	0	4 Heavy Rain
Torrential rainfall of several inches washed out roads and driveways and flooded cellars.										

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MAINE (Cont'd.)</b>									
Franklin and Oxford Counties	5	Afternoon			0	0	4		Heavy Rain
Local torrential showers, with greatest intensity near Farmington, washed out sections of roads and driveways, flooded cellars and first floors of business establishments and homes and disrupted electrical service.									
Central coastal area	16	2:00 a.			0	0	3		Electrical
Lightning destroyed the steeple and electrical wiring of the Baptist Church at Tenants Harbor, fired a cottage at Bar Harbor, and tore shingles from sidings and blew out windows of homes in Sedgwick. Electric and telephone service also disrupted at Tenants Harbor by same bolt that destroyed church steeple.									
Knox County (north-central)	20	Afternoon	15	6*	0	0		5	Hail
Storm was brief but battering. It cut a swath towards the east-northeast, from Union to Lincolnville. Tops of ridges apparently bore the brunt of the storm. Diameter of hail up to an inch and a quarter. Blueberry fields especially badly hit as were table gardens, strawberries and apple orchards. One farmer lost virtually his entire apple crop from 125 trees. The force of the large hailstones stripped leaves from trees leaving roads and streets carpeted in green. On Route 131, along Sennebec Lake, hail piled up several inches deep in the road. At the south end of the Lake, hail piled up in a long patio awning and the weight ripped the awning down the center.									
Penobscot County (Extreme southeast)	20	Afternoon	12	4*	0	0	4	4	Hail
Storm affected area from Glenburn to Bradley in a west to east advance. Hailstones "as big as eggs" pelted sections of this area for about 15 to 20 minutes. Homes and market gardens suffered major damage. Lesser damage was done to house and camp roofs and windows. In many places, depths of the hailstones reached 2 to 3 inches. Maximum diameter of stones reported up to 2 inches.									
Orrington	20	2:45 p.			0	1	0	0	Electrical
A bolt of lightning struck a six year-old girl who was sitting in a metal chair. The girl was thrown about four feet by the shock and was in a dazed condition. Suffered slight burns.									
Mars Hill	20	1:55 p. to 2:10 p.			0	0	0	0	Funnel cloud
Funnel cloud remained aloft, revolving very slowly. Direction of advance could not be determined.									
Limestone	20	10:40 a.			0	0	0	0	Funnel cloud
Wayne	23	Evening			2	0	3	0	Electrical
Two men were killed when lightning struck boat, in which they were fishing, and blew it to pieces on Androscoggin Lake. Observer from shore said the boat "literally exploded" when struck by lightning.									
Southwest and central portions	30	Afternoon			0	0	4	5	Hail, electrical, rain, wind
Thunderstorms swept through the area attended by hail at many places especially in the southwest. Apple orchards in the Livermore area took the brunt of the beating from hail. About half of 6000 apple trees in one orchard, and 2000 bearing trees in another, among the larger orchards, were badly damaged. Crops in the Saco River valley and in the Otisfield and Livermore regions and elsewhere were hard hit by the hail. A lightning-started fire in a clothing storehouse in Augusta gutted the roof exposing stock to the heavy hail. Lightning knocked out power and phone service in many communities. A total of 11 sailboats were capsized in Peppercove near Kittery; no casualties were reported.									
<b>MARYLAND</b>									
Cumberland, Allegany County	14	about 3:45 p.m. EST			0	0	0	0	Windstorm and hail
A brief but violent thunderstorm, accompanied by rain and hail, hit the Cumberland area and caused extensive damage. The worst part of the storm lasted only about 10 to 15 minutes and not all sections of the city were hit hard. Trees were uprooted; falling limbs and trees damaged automobiles and cut telephone and power lines; windows were smashed; some porches and roofs were blown off; some garages and small buildings were demolished, etc. Over 800 dwellings were cut off from electrical power. Hailstones as large as hickory nuts destroyed gardens and cut leaves on trees into bits.									
<b>MASSACHUSETTS</b>									
Central and Eastern portions	3	A.M.			0	2	4		Electrical, rain
Unusually violent electrical storms in many communities. Upwards of 40 horses struck by lightning, but damage minor in most instances. Two youngsters were toppled from their beds when lightning struck porch of their home. Pea-sized hail fell in a few widely scattered sections, but no damage reported. Torrential rains washed out sections of embankments along shore south of Boston, and caused local flooding of underpasses and low-lying roads. Sudden, unusual darkness in Boston area during midmorning as dark clouds reduced light to intensity of twilight.									
<b>MASSACHUSETTS (Cont'd.)</b>									
Entire State except Berkshire County	4	A.M.			0	7	6		Electrical, rain
Another unusually violent electrical storm in many communities, similar to those of preceding date and covering a slightly larger area. Rainfall intensities were heavy to excessive. Lightning strikes, numerous and widespread, were major cause of heavy damage. Boy seriously injured when struck by lightning and 6 other persons shocked by near-miss. Local flooding of underpasses and low sections of streets and highways.									
Berkshire County (extreme north)	5	Afternoon			0	0	4		Rain, electrical, wind
Local torrential rains and gale winds caused widespread but mostly light damage. Major damage was from washouts of roads and driveways. There were some disruptions of electrical and phone service as high winds toppled branches onto utility wires.									
Athol to Winchendon	15	Afternoon			0	0	4	4	Heavy rain
More than 3 inches fell in 3 hours or less. This was the heaviest intensity rainfall in memory of many Winchendon residents. Catch basins were quickly overflowed and local flash floods struck area. Cellars were flooded and roads and driveways washed out. A landslide blocked a section of Route 202 in Westerville. Farmers reported that the rains "ruined everything" and that crops would have to be planted over again.									
Entire State	30	Afternoon			0	0	5	3	Electrical, hail, wind
A series of violent thunder and hail storms struck most sections of the State. A thundersquall swept through a half mile section of Florence uprooting trees and tearing limbs of others. One tree fell on an unoccupied car and demolished it completely. Another felled tree took down wires and four utility poles. Six persons were trapped in a car for 30 minutes as fallen wires sparked dangerously near. Major damage throughout the State was caused by lightning started fires. Hailstones, reported in sizes ranging from grapes to eggs fell in scattered sections, smashing green-houses, breaking windows and shredding crops in a few areas. Lightning disrupted power and phone service in many communities.									
<b>MINNESOTA</b>									
Caladonia 55SE, Houston County	10	7:45 p.				1	4		Tornado
Small tornado damaged out-buildings on two farms destroying 2 corn cribs, a machine shed and two other buildings. The tornado moved eastward.									
Breckenridge 5E, Wilkin County	14	7:25 p.							Funnel aloft
Funnel cloud observed. No damage reported.									
Sherburn, Martin County	23	6:00 a.	2	#2			3	3	Possible tornado
Roofing ripped from elevator and post office. Trees toppled. Deep blue cloud to the west with vertical lightning. Funnel observed about 30 feet above the ground as it moved south-eastward. Half inch hail fell covering the ground completely.									
Fairmont-Sherburn Area, Martin County	23	5:45 a.					4	5	Hail, wind and rain
Hail size of walnuts (1 1/4 inches in diameter) broke thousands of windows in green houses, damaged roofs, neon signs and crops in a 3 1/2 mile wide path along U.S. #16 from southwest of Sherburn to 5 miles east of Fairmont. Martin County Agent estimated damage to real and personal property due to hail and wind at near \$50,000; crop damage was greater as hundreds of acres of commercial peas were stripped and pulverized. Public utilities were also disrupted. Official rainfall at Fairmont from 4:10 a. to 7:45 a. was 1.32 inches. Hail damage to green-houses alone reported at \$10,000.									
Big Stone, Faribault, Grant, Jackson, Murray, Traverse and Yellow Medicine Counties	23	a.						4	Hail
Scattered hail damage to crops reported. Some hail also reported in parts of Big Stone and Pipestone counties on the 22nd.									
Norcross, Grant County	25	4:00 p.							Funnel aloft
Funnel cloud observed as it moved eastward. It did not touch the ground.									
Morris 15W, Stevens County	25	4:30 p.							Funnels aloft
One funnel observed 15 miles west of Morris and another near Morris.									
Polk County	26	p.					3		Hail
Damage to crops occurred in several sections.									
Moorhead 3SE, Clay County	26	11:00 p.					4		Wind
Motel roof ripped off, driveway canopy blown away and chimney blown down. The Weather Bureau Airport Station at Fargo reported fastest mile of wind from West at 53 mph.									
Little Falls Area, Morrison County	28	3:00 a.			1	4		1	Wind, hail, rain, electrical
One house and several barns damaged by wind, one home struck by lightning. Man injured when plate glass window blew out and struck him on the hand. Block wall for barn foundation also blown down. One farmer lost 2000 young turkeys.									

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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.)									
Duluth, St. Louis County	28	4:00 a.							Wind
Winds estimated at 75 mph felled trees resulting in damage to phone and power lines. One automobile demolished.									
Ramsey County	28	1-3:00 p.				3			Electrical
Three houses struck with only minor damage. Lightning knocked pall out of mans hands without injury to him.									
Alexandria 3SSW, Pope County	28	4:30 p.							Funnel aloft
Lac Qui Parle, Murray, Pipestone, Renville, Yellow Medicine Counties	28	a. - p.					5		Hail
Extensive hail damage reported over many sections in each county. The Renville County Agent estimated \$75,000 hail damage to crops throughout his county as the 1/2 to 1 1/2 inch hail fell from 3:45 p. through 4:10 p. The storm moved eastward.									
Red Wing, Goodhue County	28	2:30 p.			4		3		Wind, rain
At least 20 trees, some 4 to 5 feet in diameter and 75 years old uprooted and others damaged. Falling trees and limbs resulted in damage to phone and power lines and to several automobiles. TV antennas downed and twisted, many roofs damaged. Numerous basements flooded. Cost of cleanup to Red Wing alone was \$4,000. Official rainfall from 2:30 p. to 3:30 p. was 1.09 inches.									
Western Minnesota									Hail
Some light hail was also reported in parts of Big Stone County on June 1. Polk, Clay, Becker, Wilkin, Lac Qui Parle and Nobles Counties on June 14; Kitten, Marshall, Red Lake and Polk Counties on June 17. Crop damage was reported as light.									
MISSOURI									
Marcer County	4	7:15 p.				4			Tornado
There was considerable damage to roofs, barns, trees, and power lines. A number of livestock were killed. At 8:30 p.m. a large funnel was observed west of Linville. Several other persons reported seeing funnels east of Marcer.									
Marshall, Saline County	10	5:20 p.					3		Tornado
Damage to homes, trees, and power lines was reported.									
Vandalia and Middletown; Montgomery and Audrain Counties	11	3:30 p.	5	2		4	3		Tornado
Damage to crops, several homes, trees, powerlines, and also telephone lines.									
Richmond, Ray County	11	4:15 p.					3		Tornado
Damage to carports, trees, powerlines, and telephone lines.									
9 miles N. of Cape Girardeau	16	10:20 p.							Funnel aloft
Kahoka, Clark County	21	6:30 p.			3		4		Thunderstorm
Homes, outbuildings, trees, power, and telephone lines were damaged.									
St. Louis, St. Louis County	22	8:00 p.-9:00 p.					3		Funnel aloft
Golf ball size hail fell south of St. Louis.									
10 miles SE. Sullivan, Franklin County	23	6:15 p.							Funnel aloft
Sikeston, Scott County	23	9:00 p.							Funnel aloft
Two funnels were sighted.									
Area in NE. Missouri, Clark County S. to St. Charles County	28	9:00 p.-10:00 p.			4		5	6	Thunderstorm
Golf ball size hail, a few as large as baseballs, fell over a large area. Damage was reported to buildings, trees, power lines, and crops.									
Unionville, Putnam County	29	5:30 p.				3		2	Thunderstorm
Odd shaped hail fell during this storm. Chunks of ice were reported falling at Lucerna.									
Rigginsville and Odessa, Lafayette County	29	6:20 p.					5		Tornado
Trees, buildings, vehicles, and wines were damaged.									
Mayville, Savannah, and St. Joseph; Andrew, Buchanan, and DeKalb Counties	29	8:00 p.					4		Tornado
Damage was reported to buildings, trees, barns, telephone, and power lines.									
Chillicothe, Livingston County	29	9:00 p.					5		Thunderstorm
Buildings, trees, and powerlines were damaged.									
Brookfield, Linn County	29	9:30 p.					4		Thunderstorm
Wind damage to buildings, trees, power, and telephone lines.									
Linsville, Marcer County	30	4:00 p.					4		Thunderstorm
Farm buildings were reported damaged.									
Excelsior Springs, Richmond and Horns; Ray County	30	5:00 p.			2		6		Thunderstorm
Some buildings and trees were damaged. Heavy hail damage to crops was reported. Two persons were injured by flying glass during storm.									
MISSOURI (Cont'd.)									
Liberty, Clay County	30	5:30 p.-6:00 p.						3	Thunderstorm
A house trailer was overturned. Some trees and power lines were damaged. Golf ball size hail fell in county.									
Kansas City, Clay County	30	5:40 p.						3	Thunderstorm
Numerous trees were uprooted or blown down. Scattered damage to buildings was reported.									
Sedalia, Pettis County	30	7:00 p.						4	Thunderstorm
Crops were damaged by hail.									
Millersburg, Callaway County	30	8:00 p.						4	Tornado
Roofs were damaged and some livestock killed.									
IDAHO									
Henry's Lake, Fremont County	4	Evening					4		Wind
Four fishermen drowned when boat was swamped in storm.									
Rockland, Power County	18	3:30 p.					1		Lightning
Farmer killed by lightning strike while irrigating open field.									
South-Central and Eastern Counties	20-21	Night						6	Freeze
During the night of the 20-21st temperatures fell below freezing over a vast area of the State, causing extensive damage, particularly to winter wheat, potatoes and beans, from Jerome and Lincoln Counties eastward to the Wyoming line. Although reported shelter temperatures were mostly 33 to 36° in the Snake River Plains, numerous areas suffered some damage to crops. In the eastern highlands, reported minima ranged from 23 to 30° and damage was heavy, especially where winter wheat and potatoes were well advanced.									
MONTANA									
Butte, Silver Bow County	9	Afternoon	?	?	0	0	2	0	Thunderstorm and heavy rain
Lightning hit house, two power poles, a mine hoist, and a tree. Flooding water undermined a house.									
Glasgow (45 miles SW) Valley County	12	5:20 pm	?	?					Funnel cloud aloft
A pilot reported funnel cloud, heavy thunderstorm, rain and hail 45 miles southwest of Glasgow. The funnel was hanging 500 feet down from cloud at 8500 feet mean sea level. It was possible to fly around this storm.									
Bozeman, Gallatin County	15	9:35 am	1-1/4	17	0	0	3	0	Tornado
Tornado touched ground northwest of Bozeman, and withdrew into cloud before reaching Bozeman proper. There was a thunderstorm, heavy rain, and some soft hail. Storm path was from west-northwest to east-southeast, and could be traced from damage to houses and trees.									
Great Falls (5 miles south), Cascade County	19	9:10 pm	?	4	0	0	2	0	Thunder and hailstorm
Hailstones were 1/4 to 1.3 inches in size but were soft. Accumulated depth up to 4 inches in ditches. Very frequent lightning at Great Falls WBAS, which was in north edge of storm. Damage light due soft variety of hail.									
Glendive, (10 miles SW), Dawson County	20	4:10 pm	5	45	0	0	4	5	Thunderstorm and hail
Average size of hail 3/4 inch, largest 1-1/4. Ground entirely covered. Greatest depth was 3 inches. Storm mostly over Buffalo Rapids Irrigation Project.									
South Edge, Custer County	20	2:30 pm	36	41	0	0	?	?	Hail
Hailstones ranged in size from 1/4 to 1-1/2 inches. Storm in Volberg, Coalwood, and Powderville areas.									
Ekalaka to Webster, Carter County	20	4:30 pm	20	41-5	0	0	?	?	Hail
Hail up to 3 inches in diameter.									
West Central, Richland County	21	3:30 pm	30	425	0	0	4	4	Heavy rain and hail.
Heavy rain caused erosion damage to fields, about 6 inches rain reported in center of storm area.									
Dodson (5-1/2 miles south), Phillips County	25	afternoon	?	41-1/2	0	0	?	?	Thunderstorm and hail
Damage to some fields as much as 90 per cent.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MONTANA (Cont'd.)									
Savage (5 miles west Richland County)	27	3:00 pm	10	*4	0	0	1	?	Hail
Ground entirely covered by hail. Average size of stones 1 inch. Wind estimated 50 MPH. Crops destroyed were spring wheat, barley and sugar beets. Damage 100 per cent many fields.									
Highwood (7 miles NE Chouteau County)	29	7:30 pm	1/4	20	0	0	2	0	Tornado
Severe lightning and thunder accompanied storm. 0.56 inch of rain in 15 minutes. High wind caused minor damage over most of Highwood-Shonkin area.									
NEBRASKA									
N of Davey	3	7:30-8pm	5	*2	0	0	0	4	Hail
Stones 1 to 1 1/2" diameter covered ground to 2" depth in center.									
SW Saunders Co.	3	8-8:30pm	5	*2-3	0	0	0	3	Hail
Fairbury (8 mi. N)	4	5:30-6pm	4	*1 1/2-2	0	0	0	5	Hail
Storm moved to NE. Stones small. Avg. 1/2" dia. Ground covered 1/2" in center.									
Albion (7 mi. NE)	9	10 pm	few	50	0	0	3	light	Tornado
Funnel cloud observed.									
NW of Albion	10	1:08 am	-	-	0	0	0	0	Funnel Cloud
W of Oxford	10	night	small area	0	0	3	0	0	Excessive Rain
1700 turkeys drowned									
Bayard (4 mi. NW)	11	11:25am	-	-	0	0	0	0	Funnel Clouds
Hartington (25 mi. SE)	13	1:33 pm	-	-	0	0	0	0	Funnel Cloud
Osmond (5 mi. NE)	13	3:15-3:20 pm	-	-	0	0	0	0	Funnel Cloud
SE Knox County, SW Cedar & NE Pierce Counties	14	7:30-8pm	10	*3-4	0	0	5	5	Hail & Tornado
Tornado SW of Magnet 1 mile long 300 yds wide caused little damage, moved ENE. Hailstorm moved ESE stones 1/2-1 1/2" diameter, ground covered 3" deep in center of storm - some drifts 3' deep.									
Breslau (to east edge of Pierce County)	14	evening	25	*1	0	0	3	4	Hail
Storm moved ENE. Stones 1/2 to 3/4" diameter.									
Yoster (2 1/2 mi. NW)	14	8:30 pm	1	100	0	0	4	0	Tornado
Storm moved NE, roaring sound heard, air full of debris.									
4 SW to 10 E Cozad	14	9 pm	13	narrow	0	0	4	0	Tornado & hail
W of Shubert	14	10 pm	short	narrow	0	0	4	0	Tornado
Barn and machine shed demolished and scattered.									
From Lincoln County NEMD and SEMD over remainder	15	5:30 pm-10:30 pm	200-250	* up to 180	-	-	6	5	Wind squalls, hail, heavy rain, lightning, tornadoes
A squall line moved across Nebraska on this date. The first reported visible evidence of the squall line was a funnel cloud near North Platte at 5:00-5:30 pm and the last about 10:30 pm as it passed Omaha and Falls City. Numerous funnel clouds were observed but only two (reported below) are known to have touched the ground. Greater damage was done by the widespread wind squalls that exceeded 80-90 miles per hour at many points than by the tornadoes. The wind squalls unroofed buildings, blew over trees, signboards, house trailers, barges, airplanes, grandstands, power lines and many other objects and buildings. Numerous fires and one death (reported below) were attributed to lightning strikes. Scattered areas of hail contributed to the destruction. The damage estimates above are composites of many individual storm sites and do not include the estimates of some of the more distinguishable storms that are listed below but which occurred in connection with the squall line passage.									
North Platte (5 NE)	15	5-5:30pm	-	-	0	0	0	0	Funnel Cloud.
Atkinson (4 N)	15	5:45-6:30 pm	10	8,000	0	0	0	5	Hail
Stones size of peas to golf balls. Ground 80% covered.									
North Platte (50 SE)	15	About 6pm	short narrow	0	1	4	0	0	Tornado
Funnel cloud reported by highway patrol. Touched ground briefly and pulled driver from van-type truck and carried him 30 feet, over a fence and into a field.									
Ravenna (near)	15	late afternoon	spot	spot	1	0	0	0	Lightning
Man on tractor killed.									
Northern Frontier Co.	15	6:30-7pm	about 100 sq. miles	0	0	some	4	0	Hail & strong winds
Storm moved from west to east. Stones 1/4" to 1/2" diameter but considerable crop damage resulted.									
Holdrege (10 E)	15	6:30-7pm	short narrow	1	3	3	0	0	Tornado
Storm moved from NW to SE, funnel cloud touched ground only briefly. Several small buildings lifted and moved, one falling on a man, killing him.									
Grand Island (NE)	15	7:00 pm	-	-	0	0	0	0	Funnel Cloud
NEBRASKA (Cont'd.)									
Between Funk and Kearney	15	7:10 pm	-	-	0	0	0	0	Funnel Cloud
Reported by State Police.									
NE Antelope County to WC Pierce County	15	8 pm	12	100	0	0	4	light	Tornado
Funnel cloud observed. Destroyed mostly outbuildings, barns, sheds, hay stacks.									
Columbus (SW)	15	8:45 pm	-	-	0	0	0	0	Funnel Cloud
Lincoln (SW)	15	9:15-9:30 pm	short	20	0	0	4	0	Wind squall
Widespread damage to trees and some damage to buildings in the vicinity.									
Tekamah (6 SW)	15	10 pm	short narrow	0	0	4	0	0	Tornado
No further data.									
Omaha	15	10-10:30 pm	short narrow	0	12	4	0	0	Wind squall
Several house trailers overturned injuring 12 people. Considerable damage to trees and other property.									
Broken Bow (15 NE)	15	Night	4	30	0	0	3	0	Tornado
Moved NE. Funnel cloud observed. Trees badly damaged, haystack toppled. No buildings in path.									
Grand Island	17	11:20 pm	short narrow	0	0	4	0	0	Tornado
Four stables at race track unroofed. Buildings a few feet away not touched, and nearby straw on ground undisturbed.									
Central Greeley Co.	17	Night	6	narrow	0	0	0	4	Hail
No further data.									
Ord (9 SW)	17	10:30 pm	15	*4	0	0	0	4	Hail
Storm moved SE. Stones 1/2" diameter. Ground covered 1" deep.									
3 N of Loomis to 6 W of Funk	17	Night	12	About 1	0	0	little	5	Hail
Stones size of marbles. Most damage was to wheat.									
Constock (S & SE)	17	Night	about narrow	0	0	4	some	0	Tornado & hail
Storm moved ESE accompanied by some hail.									
West of Priorose to near Belgrade	17	Night	15	-	0	0	some	4	Hail
Storm moved SE. Excessive rains over most of county caused considerable flood damage.									
Grand Island (3 SE)	17	11:30 pm	short narrow	0	0	minor	0	0	Tornado
Reported by highway patrol.									
Hay Springs	19	2 pm	spot	spot	0	0	3	0	Thunderstorm and Wind Squall
Two 3/4" cables to T.V. tower snapped. Wind estimated at 100 MPH.									
Kimball (7 to 11 S)	19	afternoon	few sq. miles	0	0	some	4	0	Hail
Damage spotted.									
Whitney & vicinity	19	afternoon	few sq. miles	0	1	4	0	0	Wind squall
Woman struck on back by flying branch.									
Grand Island (west of)	19	evening	spot	spot	0	0	3	0	Lightning
Ball park struck. Some fire damage.									
Curtis (near)	19	9:30 pm	spot	spot	0	0	3	0	Lightning
Barn struck and ignited.									
S of Ewing to 10 mi. S of Clearwater	19	8:30 pm-2 am 20th	12	*3-5	0	0	4	5	Excessive Rain & Hail
Some wind damage to property, hail & excessive rain damage to crops.									
N of McCook to Arapahoe	19	10 pm	35	*4	0	0	4	4	Wind Squall & Excessive Rain
Heavy damage to power facilities. 10 sets farm buildings damaged. Heavy tree damage. Wind estimated at 90 MPH.									
Ravenna (near)	19	Night	spots	0	0	3	0	0	Lightning
Five cattle killed.									
NC & Central Chase County	19	Night	18	* few	0	0	0	6	Hail
Storm moved SSE.									
Osmond (4 W)	20	early am	spot	spot	0	0	3	0	Lightning
Four beef cattle killed.									
Coleridge (3 NW)	20	2 a.m.	small area	0	0	3	0	0	Wind squall
Machine shed demolished.									
Norfolk (5 S)	20	2:13 am	small area	0	0	5	some	0	Wind squall
Two barges demolished at airport; 5 planes damaged. Widespread excessive rains & flooding in Elkhorn basin.									
Hebron	20	early am	short narrow	0	0	4	0	0	Windstorm
Lodgepole (6 to 8 mi. SW)	20	3:45 pm	few miles	narrow	0	0	4	0	Tornado
One set farm buildings completely destroyed; one set damaged severely and five other sets damaged to varying degrees. Funnel cloud observed.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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.)									
Kimball (S & W)	20	5 pm	14	1700	0	0	3	4	Hail Stones up to size of baseballs. Hail was 6" deep on highway west of Kimball. Storm moved SE. Stones 3/4 to 2" diameter. Ground covered 1-1/2".
Chadron (East of)	20	5:30 pm	short	narrow	0	0	3	0	Small tornado
Kimball (SE)	20	afternoon	short	narrow	0	0	0	0	Tornado Touched ground briefly over open field.
Imperial (10 W)	20	7-7:30 pm	10	* 4 300	0	0	0	5	Hail Tornado Automobile carried 300 ft; barn destroyed and other buildings on farm damaged. Hail storm moved SE; stones 1/2" to 1" diameter; ground 90% covered. Tornado noted toward NW.
12 ENE of Dix to Sidney	20	8:50-9pm	25	narrow	0	0	4	0	Tornado Tornado observed. Farm buildings demolished.
Big Springs (14 N)	20	Eight	spot	spot	0	0	4	0	Lightning Two barns and outcrops burned.
Curtis-Maywood area	21	1-2:30am	10	* 3	0	0	3	-	Wind squall Funnel cloud observed - did not touch ground. Some hail but little damage.
S Gosper, N Furnas & W Phelps Counties	21	3-4 a.m.	30	*25	0	0	4	5	Hail & wind Hail several spots in area, size of golf balls to hen's eggs, wheat and barley badly damaged. 3700 turkeys killed or injured. Storm moved NE.
Holdrege	21	4 a.m.	2 1/2	narrow	0	2	4	little	Tornado Storm moved west to east. Did considerable damage to west edge of city and then skipped to the airport one mile east of the city.
Srs. Howard County	27	Morning	spots	spots	0	0	4	0	Lightning Several buildings struck. Cattle killed in pasture.
Aurora (5 SE)	27	a.m.	spot	spot	1	0	0	0	Lightning Man killed when operating tractor digger rig.
1/2 mile W of Sutton, Clay County	27	10 am	spot	spot	1	0	0	0	Lightning Man struck while walking away from tractor.
Srs. 3/4 of Dunes County	27	2:30-4pm	most places	In 1000 sq. mile area	0	0	5	5	Wind, Hail, Lightning, Heavy Rain, and two or more tornadoes Stones ranged from 1/2" to 1 1/2" diameter, piled 2 feet deep in ditches. Heavy wheat and other small grain fields a total loss. Two tornadoes observed; one NW of Crawford, one 6 miles SW of Chadron airport. Tornadoes damaged buildings and uprooted trees. Lightning killed horses and cattle, hail killed over 60 sheep. General direction of movement was from NW to SE.
Scottsbluff (5 NE)	27	2:45 pm	-	-	0	0	0	0	Funnel Clouds Highway Patrol reported two funnel clouds dissipated without touching ground.
SW to SE of Sunol, Cheyenne County	27	during afternoon (tornado abt. 3:30pm)	20-30	narrow	0	0	5	4	Tornado & Hail Forty buildings destroyed on nine farms; two places were complete losses. Three miles of power lines down. Hailstones ranged up to 3" diameter. Storm moved from NW to SE. Tornado observed again south of Chappall before moving south into Colorado.
Kimball	27	4 p.m.	abt. 1 sq.mil.	0	0	4	0	0	Hail Stones up to 3" diameter.
Dalton-Gurley-Colton Area, Cheyenne County	27	afternoon	20-30	* 1-4	0	0	0	5	Hail Storm moved NW to SE. Stones ranged up to 3" diameter with average size 1/2 to 1 3/8", covered ground to 6" in center of storm.
Hay Springs area, Sheridan County	29	8:30-9am	-	-	0	0	0	4	Hail Hail 1-1/4" diameter accumulated in drifts.
Many areas in Wm & Srs 1/2 of Lincoln County	29	12:15 - 12:45 pm	42	*15	0	0	0	5	Hail Storm moved from west to east. The stones ranged up to 2" diameter with average size 1/2". Ground covered to an inch in center. Heaviest loss was to wheat but corn and sugar beets also damaged.
North Platte	29	12:30-1pm	3	* 1	0	0	4	3	Hail Stones ranged up to 3 inches diameter with average size one inch.
Moorefield	29	2:30 pm	20	* 2	0	0	0	4	Hail Storm moved from N to S. Stones ranged up to 1 1/2" diameter with average size 1/4". The ground was 1/3 covered.
Eustis area, Frontier County	29	early afternoon	9	* 5	0	0	0	4	Hail Storm moved from NW to SE. Stones ranged up to baseball size with the average 1/2" diameter.
Central & southern Gosper County	29	2:45 - 3:30 pm	18	* 2	0	0	4	5	Hail Storm moved from NW to SE. Stones ranged up to 2 1/2" diameter with average size 1". Ground was 3/4 covered.
NEBRASKA (Cont'd.)									
Kimball	29	afternoon	several sq.mil	0	0	5	5	5	Hail Stones ranged up to 10 to 11 inches in circumference with the average about baseball size.
North of Orleans, Harlan County	29	3:30-4pm	2	* 2	0	0	3	4	Hail Storm moved NW to SE. Damage to buildings and automobiles. Stones ranged up to 3" diameter with average size 1-1/2".
5 miles west of Kearney to 10 miles E Kearney	29	2:45-3:15 pm	15	* 6	0	0	4	5	Hail Damaging Winds Main direction of movement of storm was from W to E. West property damage was in Kearney. Wind velocity exceeded 90 MPH in Kearney. Ground was covered to an inch depth in places. Stones ranged up to an inch in diameter with the average size 1/2".
NE of Minden through Hartwell	29	4-4:20pm	6	* 2 1/2	0	0	5	5	Hail Storm moved from W to E. Stones ranged up to 1-1/2" diameter with average size 3/4". The ground was covered to a depth of 1-1/2" in spots.
Holstein-Roseland area, Adams County	29	4:30 pm	12	* 2	0	0	0	5	Hail Wheat losses ranged from 50 to 100 percent. Storm moved from NW to SE. Stones ranged up to golf ball size with the average size 3/4".
Blue Hill-Rosemont area, Webster County	29	4:30-4:45 pm	8	* 2	0	0	0	5	Hail & strong gusty winds Wheat losses ranged from 50 to 100 percent. Storm moved from NW to SE.
Mt. Clare to Hardy, Munkolls County	29	4:45-5:15 pm	20	3,000	0	0	5	5	Hail, Tornado, Lightning Storm moved from NW to SE. The stones ranged up to 3" diameter with average size 1/2". Ground was 3/4 covered. Over a dozen sets of farm buildings were damaged, some by high winds and some by an observed tornado. One haystack was burned after a lightning strike.
Johnson	29	6:30 pm	spot	spot	1	0	0	0	Lightning Boy struck by lightning while touching a tractor.
Falls City (near)	29	7 pm	1/2	125	0	0	3	some	Tornado Tornado observed. Damage to barns, farm equipment, trees and cornfield.
Falls City	29	7 pm	several sq.mil	0	0	4	some	some	Wind squall and excessive rain in and near Falls City.
Lincoln (10 NE)	29	11:20 pm	-	-	0	0	0	0	Funnel clouds Public reported funnel cloud, not touching ground, NE of Waverly.
Northern & SErn Jefferson County	30	Began lam Intermittent thru night	8	2000	0	0	0	4	Hail Storm moved from NW to SE. Stones ranged up to 1 inch diameter with average size 1/2". Ground was 1/2 covered.
Broken Bow & vicinity Custer County	30	10-10:15 a.m.	Scattered areas	0	0	0	0	3	Hail Storm moved from SW to NE. The stones ranged up to 1-1/2" diameter with average size 1/2 inch. Ground ranged from 1/4 to 1/2 covered.
NEW HAMPSHIRE									
Claremont Junction	3-4	Evening to morning	-	-	0	0	3	-	Flash flood, rain This area marked the eastern expansion of the flash floods that caused heavy damage in the Black and Williams River Valleys in Windsor County, Vt. In this area, floodwaters washed out a section of Route 12A and cut into a Boston and Maine Railroad embankment.
Rochester to Dover	5	Evening	-	-	0	0	4	-	Rain, wind, electrical A brief but torrential thundershower with high winds caused washouts of roads and driveways and flooded cellars and low spots of streets and highways. Falling limbs took down utility wires, causing widespread disruption of electrical and phone service.
Rindge	5	Afternoon	-	-	0	0	4	4	Heavy rain More than 3 inches of rain fell in 3 hours or less. This was heaviest intensity rainfall in memory of many residents. Local flash floods occurred as streams and brooks rose rapidly. Some road washouts reported and many cellars flooded. Recently planted crops were uprooted and washed away by the fury of runoff water.
Dover	23	2:00 p.	-	-	0	0	2	0	Dust devil Dust devil sent a children's slide crashing into a home. Also, shingles were lifted from the roof. This was less than a quarter mile from where another dust devil several years ago had lifted a heavy row boat above the top of a house.
Claremont	24	3:00 p.	-	-	0	0	4	0	Electrical, wind, rain Lightning set several fires in Claremont and a barn burned at nearby South Cornish. Lightning and wind-felled trees disrupted power and phone services. Rains described as torrential washed out roads in and near Claremont. Flooded cellars were common.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW HAMPSHIRE (Cont'd.)									
Gilmanston and Boscowen	24	10:40 p.	1/2	50	0	0	3	0	Tornado
Near Gilmanston a barn and garage were blown down and front of another barn was ripped off. Many trees uprooted, some sheared off. Damage path described a zig-zag path oriented about to the northeast. Barn timbers landed up to 2 miles away. Neighboring house and barn 1/4 mile away were both pierced by debris. Ten feet of water sucked from dug well, with pump-house lifted off. Freight train noise heard. Also local wind damage, believed due to same thunderstorm cell, at about 10:15 P.M. 15 to 20 miles to the WSW, at Boscowen. Fallen trees blocked junction of U. S. Rtes. 3 & 4, shingles were ripped from a church roof, and trees were uprooted in the town's Community Park. Damage suggests a possible brief dip of tornado funnel, as later investigation showed no wind damage at Boscowen outside a small area.									
Portsmouth-Newington	30	Afternoon			0	1	3		Electrical
Lightning struck a number of homes and installations but damage was minor in all cases. At Pease Air Force Base, a guard was struck and injured by lightning.									
NEW JERSEY									
Cumberland County	12	6:30 p.			1	0	0	0	Lightning
Farm worker killed when struck by lightning in a corn field in Hopewell township, near Bridgeton.									
Warner County	24	6:00 p.	20	200	0	0	4	0	Tornado, lightning
Small tornado passed eastward through Warner County, touching the northern suburbs of Winton, then Westerville, Robbinsville, and the southern edge of Hightstown.									
NEW MEXICO									
Las Vegas (near)	3	pm			0	1	0	0	Lightning
Camp leader injured when lightning struck rock on which she was standing.									
Esplanola	7	pm			1	1	0	0	Lightning
Roofing worker killed and co-worker slightly injured while working on building.									
Deming (near)	10	4:00pm	5	*1 1/2	0	0	3	5	Hail
Hail stones up to 1 1/2 inches in diameter. Major damage to cotton and truck crops.									
Cutter (near)	11	2:00pm	?	?	0	0	0	0	Tornado
Funnel on ground for a short time over open country, no damage resulted.									
Lea County, northern	11	pm	4	*1	0	0	0	5	Hail
Cotton completely destroyed over this area with some damage to truck crops.									
Springer and adjacent areas of Colfax and Mora Counties	24	pm	20	*4	0	0	5	5	Hail
A severe hail storm which broke windshields in many cars, dented tops, broke out windows in stores and homes and damaged many roofs. Crops almost complete loss. Hail stones reported from golf ball to tennis ball size. Some minor injuries reported.									
Philmont Scout Ranch	25	6:00pm	2	100	0	24	4	0	Tornado
A small tornado struck a Boy Scout encampment injuring 33 Scouts and a leader. Three scouts injured seriously enough to be hospitalized. Chapel destroyed and camping equipment strewn over the country side, some equipment found 1 1/2 miles from camp. Tornado moved from west to east over an erratic course.									
NEW YORK									
Rochester area	2	4 p.m.			0	0	4		Thunderstorm, heavy rain, strong winds
Severe thunderstorm with heavy rain, severe lightning strikes and strong winds. More than 1,000 without electricity and 5,500 without telephones due to storm damage.									
Capital District, Hoosic Valley, Glens Falls area	3	through-out day			0	0	4		Thunderstorms, heavy rain, hail, strong winds
Severe thunderstorms with heavy rains, hail, strong winds and numerous lightning strikes. Power and communication lines knocked out, trees downed and some surface flooding.									
Scattered areas of eastern and central sections of State	5	afternoon & evening			0	0	5		Thunderstorms, heavy rainfall, strong winds, hail
Severe thunderstorms with near cloudburst rainfall and numerous lightning strikes. Strong winds and some areas of hail. Storm damage chiefly concentrated in Binghamton area to western Mohawk Valley eastward through the Capital District area. Considerable flooding in creeks and streets, trees blown down and power and communication lines downed. Damage to buildings and property due to washout effect. Many lightning-caused fires.									
NEW YORK (Cont'd.)									
Southern Tier Counties	13-14-15				0	0	5		Heavy rain, flooding
Southern Tier counties from the Binghamton area westward to Olean. Three days of rain with heavy downpours on the 14th resulted in considerable flooding. Severe flooding with damaging washouts to highways and bridges, flooded streets and cellars, train derailed due to washout. Rainfall totaled nearly 5 inches in the 3-day period.									
Eastern and south-central sections	17	afternoon & evening			0	0	7	4	Thunderstorms, high wind, hail, heavy rain
Scattered severe thunderstorms throughout the area with high winds, hail and heavy rains. Localized heavy damages due to wind. Saranac area storm may have been small tornado (cannot confirm). Thousands of dollars wind damage in Poughkeepsie. Other areas of unusual damage: Willsboro, Rouses Point and Troy.									
In the Endicott, Johnson City, Town of Union, Broome County Airport area between 3 and 8 p.m. a cloudburst type of rainfall associated with a series of thunderstorms; 3.01 inches of rain in one hour at the Broome County Airport between 3:30 and 4:30 p.m. where the storm was centered. Main streams did not flood but runoff from the high rate of rainfall caused severe flooding in the small creeks and ravines as the water cascaded down the hilly terrain. Damages were particularly severe along Little Chocomaug Creek, Finch Hollow Creek, Patterson Creek and over 4 1/2 million along Brixius Creek. Total damages were estimated at \$4,939,000, half of which occurred at the IBM and Endicott Johnson Shoe corporations. Crop damage was about \$15,000. Severe damage or washout of small bridges and highways in the area. Hundreds of homes and business structures damaged. Thirteen block area in Johnson City flooded by Little Chocomaug Creek. Area declared a disaster area by federal government.									
Throughout State	24	afternoon & evening			0	3	5		Thunderstorms, strong winds, hail, heavy rain
Scattered severe thunderstorms with strong winds (near tornadoic proportion in some sections), heavy rains, hail and numerous lightning strikes. Press reports indicate unusually damaging storms at Rochester, Niagara Falls, Buffalo, Utica-Rome area, Elmira, Batavia, Watertown, Jamestown, Glens Falls (some evidence of small tornado) and Orange County. Three injuries in the Buffalo area. Principal damages due to fires set by lightning, wind toppled trees, power and telephone lines and some hail damage.									
Schenectady area	24	7:30 p.m.	10-12	425*	0	1	7		Tornado
* Lateral wind damage up to 1 1/2 miles. Tornado, first sighted (but not touching ground) 15 miles southwest of Schenectady at Quaker Street. First destructive touchdown in the Schenectady area at 7:30 p.m. on the east side of the city and the adjacent suburbs of Rotterdam and Niskayuna. Also touched lightly on the north side of the Mohawk River in Saratoga County. Damage was severe in area. Tornado moving at or just above tree top level but causing extensive wind damage and touched down at least four times when damages were quite severe. Some 16 homes destroyed, 300 or more with major damage and 1,500 with minor damage. Total dollar value of losses around 5 million.									
Glens Falls area	24	evening			0	0	4		Thunderstorms
Wind damages in the rural area due chiefly to strong winds during thunderstorms (not confirmed as tornado).									
Syracuse area and nearby areas of central New York	29	late afternoon			0	0		5	Thunderstorm, wind, hail
Severe thunderstorms, wind and severe hail. In southern Onondaga County heavy hail, up to the size of golf balls, did widespread damage to the fruit belt and other crops. (\$500,000)									
Salemanna area	29				0	0	4		Thunderstorm, hail
Severe thunderstorm, lightning strikes, hail.									
Boonville area	29	6:30 p.m.	1	300	0	0	5		Tornado
Small tornado hit rural areas on outskirts of Boonville; severe damage to two farms where most buildings were destroyed or damaged, some livestock killed, many trees uprooted and radio station tower knocked down. Heavy rain and hail accompanied the storm. (\$100,000)									
NORTH CAROLINA									
Franklin, Nash, Robeson Counties	2	1-4pm					3	4	Hail
25 square miles damaged, mostly tobacco in fields. Slight damage to roofs.									
Duplin, Lenoir Counties	6	4-5:30pm					0	4	Hail
Damage to tobacco and other crops over about 10 sq.m. area.									
Hoke County	7	7pm					0	3	Hail
Slight damage to crops over 3 sq.m. area.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NORTH CAROLINA (Cont'd.)									
Stokes County	15	3pm					0	4	Hail
Scattered damage to corn and cotton over a wide area.									
Nash, Johnston Counties	17	3:30-4pm					0	4	Hail
Scattered damage to tobacco over 28 sq.-mi. area.									
Johnston County	18	5pm					0	4	Hail
Considerable damage to tobacco over 5 sq.-mi. area.									
Cataret, Robeson, Wilkes Counties	19	Aftn					3	4	Hail, Electrical
Lightning set fire to house at Havelock; hail damage to crops over considerable area.									
Alamance, Cabarrus, Guilford, Iredell, Johnston, Lincoln, Martin, Mecklenburg, Rowan Counties	20	aftn			0	2	4	3	Electrical, wind, rain, hail
Thunderstorms scattered over a large part of State. Lightning set fire to several buildings, knocked out communications lines; man and wife rendered unconscious at barn. Some local damage to crops due to wind, rain and light hail.									
Rockingham County	21	morning					4	0	Electrical
Lightning burned storage barn and contents.									
Ashe County	21	aftn				1	2	0	Electrical
Woman hurt by lightning while standing at sink at home; home damaged slightly.									
Lee County	22	11am					3	0	Electrical
Lightning burned feed barn and contents.									
Burke, Catawba, Gaston, Nash, Pitt Counties	24	aftn					5	4	Electrical, hail
Widely scattered thunderstorms caused lightning damage several places. Seven cows killed, transformer destroyed, hospital equipment damaged, cotton gin burned, home damaged. Hail damaged tobacco in Pitt County.									
Rockingham County	25	5:30pm					0	3	Hail
Hail damaged tobacco crop over limited area.									
Scotland County	26	7pm					0	4	Hail
Scattered crop damage over 12 sq. mi. area, mostly to cotton.									
Pasquotank County	30	1am					4	0	Electrical
Lightning burned large barn with equipment and livestock.									
Forsyth, Person Counties	30	aftn					4	4	Electrical, hail, wind, rain.
Widespread light damage to trees and outbuildings by lightning and wind. Livestock killed by lightning. Tobacco crop damaged by hail, wind and rain.									
NORTH DAKOTA									
Ramsay County	11	7:30 p.			0	0		500	Strong winds
South-central N. Dak.	11	Evening							Funnel clouds
Morton County	19	Evening							Heavy hail
South-central N. Dak.	27	Afternoon & Evening						3	Hail and rain
Southeastern N. Dak.	30	Evening						4	Tornado, hail and strong winds
OHIO									
East Palestine	6	5:20 PM					4		Lightning
Lightning hit municipal light plant setting fire and interrupting service for 8 hours.									
Tiffin	13	5:30 PM	3	100			2		Tornado
There were many thunderstorms over Ohio as a squall line crossed the state. This mild tornado crossed the Mechanicsburg section of Tiffin doing light miscellaneous damage. A funnel cloud aloft was also reported at Milan about 40 miles Northeast at 6 PM.									
Seville	14	4:25 PM	Short	Narrow			3	3	Hailstorm
Hailstones up to 1 inch diameter fell in a heavy local thunderstorm. Property losses included roof, window, tree, and automobile damage as well as greenhouses. During the same squall-line situation a house trailer in Zanesville was blown over at 3:15 PM.									

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OHIO (Cont'd.)									
Morystown	22	3:30 PM	5	400			4	1	Tornado
This well-developed tornado fortunately occurred in a rural section. Two homes were severely damaged, one a complete loss. Several groves of large trees were tangled; and barns and farm machinery destroyed.									
Galion	22	12:30 PM					0	C	Hailstorm
Strong winds and heavy rain accompanied by hail, some of the stones attaining 3/4" to 1" diameter struck the Galion area, doing the most damage in east and north sections of town. Total damage Crawford County near \$100,000.									
Johnstown	24	6 AM	1/2	30			3		Tornado
Damage from this small tornado was confined to one new house hit by flying debris from dilapidated barn nearby.									
OKLAHOMA									
Alva, Woods County	2	6:00 p.	5	*2	0	0	4	0	Wind, hail
Strong winds estimated up to 80 miles per hour unroofed a school, broke windows, and caused general damage to utilities, trees, TV antennas, etc. in and around Alva. Hail up to one inch in diameter was reported. Storm moved southeastward.									
Lake Texoma, Marshall County	7	p.m.			1	0	0	0	Electrical
An 11 year old girl was killed by lightning while water skiing on Lake Texoma.									
Olustee, Jackson County	7	6:00 p.	3/4	100	0	0	4	5	Tornado, hail, rain
Tornado dipped down and destroyed a hangar at the airport, then moved over open country to a farmstead and destroyed a barn and damaged the home. An early morning hailstorm damaged crops over an area 2 1/2 miles long and 1/2 miles wide about 6 miles south of Altus. Hail up to one inch in diameter destroyed or damaged wheat and young cotton over an area 4 miles wide from Olustee, through Elmer, to Hass. This storm was associated with the tornado and moved southeastward. Heavy rains of over 3 inches badly washed cotton fields, many of which required replanting.									
Southwestern Tillman County	7	6:30 p.	15	2	0	0	5	5	Wind, rain, hail
Strong winds caused extensive severe damage to many farmsteads in the area. Over two inches of rain with the wind and some hail destroyed nearly ripe crops and washed out and damaged young cotton. Storm moved southeastward.									
Caddo County	7	8:20 p.			0	0	0	0	Funnel aloft
Military aircraft reported funnel cloud 45 miles west of Oklahoma City.									
Hooker, Texas County	8	3:20 p.	5	*1	0	0	4	4	Hail, rain, wind
Chunks of hail up to size of hen eggs fell for a 45-minute period and nearly covered the ground in and around Hooker. Nearly 4 inches of rain fell during a short period. The hail damaged roofs of homes and buildings and caused variable light to heavy damage to the nearly-ripe wheat crop. Storm moved southeastward.									
Texhoma, Texas County	10	9:30 p.			0	0	0	2	Funnels aloft
Two funnels aloft were reported by spotters in the Texhoma area.									
Delaware County	12	2:19 p.			0	0	0	0	Funnel aloft
Pilot reported funnel cloud 20 miles east of Vinita.									
Lake Texoma, Marshall County	12	3:00 p.			0	0	0	0	Tornado, funnel aloft
One funnel dipped momentarily to the surface of the water of Lake Texoma; the other funnel remained aloft.									
Lacey, Kingfisher County	13	4:00 p.	9	1	0	0	3	5	Hail, wind
Hail up to 1 1/2 inches in diameter destroyed nearly ripened wheat. Strong winds unroofed a barn, damaged a windmill and blew down trees. Storm moved southeastward.									
Okmulgee, Okmulgee County	13	6:00 p.	1	*1	0	0	4	0	Wind, rain, hail
Strong winds estimated up to 80 miles per hour unroofed two homes, broke 6 plate glass windows, damaged outbuildings, utilities, TV antennas and trees. Heavy rain and some hail fell during the storm. Storm moved northeastward.									
Eufaula, McIntosh County, Quinton, Pittsburg County	13	7:00 p.	?	?	0	0	?	?	Hail, wind, rain
A severe thunderstorm with strong winds, hail and heavy rain caused general damage to buildings, trees, utilities, crops, etc. Hail the size of baseballs were reported at Quinton and crops were damaged at Eufaula. Roofs were damaged and windows broken in Quinton by the hail and the strong winds blew roofs off of several houses. The storm moved southeastward.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.)										RHODE ISLAND									
Big Cedar, LeFlore County	13	7:00 p.	1½	*1½	0	0	3	3	Hail, wind	Middletown; Washington County	3	9:00 a. (ZDT)			0	0	3	0	Electrical
Wister, LeFlore County	14	3:00 a.	1½	1½	0	0	4	0	Hail	Providence, Nasonville; Providence County	4	AM			0	1	4	0	Electrical serious. Fire caused \$40,000 damage to storage garage.
Gray, 4½ miles south, Beaver County	15	?	?	?	0	0	3	0	Tornado	Pawtucket; Providence County	7	11:00 a. (ZDT)	?	2	0	0	?	0	Dust Devils
Grant County	15	8:20 p.			0	0	0	0	Funnel aloft	Providence, Warwick; Providence County	30	4:30 p. to 5:30 p. (ZDT)			0	1	3	0	Electrical
Three Sands, Kay County	20	5:10 a.			0	0	0	0	Funnel aloft										
PENNSYLVANIA										SOUTH CAROLINA									
New Tripoli	3	Night					4		Thunderstorm	Anderson and Greenville Counties	5	Afternoon	-	-	0	4	3	0	Thunderstorm and hail
Harrisburg	5	5 P.M.					3		Thunderstorm										
Southwestern Pa.	12	Afternoon					5		Thunderstorms	Latta, Dillon County	5	2:30 pm	-	-	1	0	0	0	Electrical Storm
Southwestern Pa.	13	Afternoon & Evening					4	3	Thunderstorms	Anderson, Anderson County	21	4:30 pm	-	-	0	0	2	0	Thunderstorm
Central Counties	14	Night					4		Thunderstorms	Timmonsville (Huggins Airport) Florence County	23	4:30 pm	0.1	-	0	0	3	0	Windstorm
Central Counties	15	Evening					4	3	Rain, Hail & Wind										
Eastern Half of State	17	Night					5	5	Thunderstorms	Miller, Hand County	4	Early A. M.					3		Electrical
Bulger	22	Afternoon			1				Lightning	Phillip, Haakon County	12	10:30 A.M.							Funnel Cloud
Quynedd Heights (near Horrytown)	24	5:40 P.M.	.75	25			5		Tornado	Bear Butte, Meade County	12	1 P.M.							Funnel Cloud
Haffville-Denver Area	24	6 P.M.					5	4	Wind & Hail										
Rohbech-Berkley Area	24	5 P.M.					5	4	Wind & Hail	Southwest and Central	19	P.M.			1	5	5		Hail, wind, lightning, flash flooding
Barto-Perkinstonville	24	5:35 P.M.	10	30			5	3	Tornado										

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# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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					KILLED	INJURED	PROPERTY	CROPS			
SOUTH DAKOTA (Cont'd.)											
Southeast and Watertown, Codington County	22	Late P.M.					4	4	Hail, electrical, wind		
For third day in four severe storms affected parts of the state. Egg-size hail damaged crops and buildings in southeast quarter and in small area near Watertown in the northeast portion of the state. Medium to heavy damage to crops reported in Colonne area, Tripp County, near Tyndall, Bon Homme County and in several counties near Sioux Falls area. Lightning-caused fire destroyed 40 tons of hay at Buresford, Union County for estimated loss of \$1500. Local wind damage to farm buildings in Tripp County.											
Fresho, Lyman County	26	6 P.M.						3	Tornado		
Granary, barn and chicken coop demolished on farm 12 miles southeast of Fresho.											
Aberdeen (near), Brown County	26	7:30 P.M.	Short Narrow					3	Tornado		
Barn struck and demolished by trister about 7 miles west northwest of Aberdeen. Youth trapped in debris but otherwise unharmed. Two calves killed in collapsing building. Storm moved from south to north.											
Armour, Douglas County	26	10:05 P.M.	Short Narrow					3	Tornado		
An empty steel grain bin about ten feet in diameter was lifted off foundation and blown 150 feet at farm just north of Armour city limits. Barn and house within 200 feet of bin were undamaged. Two large utility poles 400 feet east of the bin were snapped off, causing 16-hour power failure at nearby farm. Loud roaring noise reported by residents in area soon after they had noticed "a strange tension in the air".											
Eastern half	26	P.M.					4	5	Hail, wind, electrical		
Passage of sharp cold front across eastern half resulted in two areas of concentrated hail and wind: Faulk-Potter Counties in the north central and Gregory-Charles Mix Counties in the south central. Hail damage to grain crops occurred mostly in former areas with slight to heavy damage over a considerable acreage in three counties. Wind demolished newly constructed concrete block wall at Mission, Todd County, small buildings on farm near Lake Andes, Charles Mix County and also near Grebeard, Faulk County. Garage smashed by wind at Gettysburg, Potter County. Church damaged and fired by lightning at Burke, Gregory County but loss estimated at less than \$1,000.											
Grant County	28	9 to 10 A.M.	30	*3.5				3	5	Hail	
Late morning hail storm concentrated damage, mostly to crops, in Grant County in northeast corner of the state. Some 50 farms suffered moderate to total loss to small grains. Hail also damaged roofs and sides of buildings and oars. Unofficial report of 1.25 inches of rain in 15 minutes. Scattered but light hail damage also reported in Union County at extreme southeast corner of the state.											
Battle County	30	6:35 P.M.								Funnel cloud	
Reported 25 miles northwest of Belle Fourche or very near the South Dakota-Wyoming border.											
TENNESSEE											
Greenville, Greene County	4	8:20 p.					0	0	6	0	Lightning
Lightning ignited a furniture factory causing extensive damage.											
Morristown, Hamblen County	8	Morning					0	1	0	0	Lightning
A truck driver working at the rear of the truck was stunned and thrown 20 feet when the truck was struck by lightning. Rubber boots apparently prevented serious injury.											
Hillington, Shelby County	10	After-noon					1	0	0	0	Lightning
A woman was struck by lightning and killed as she walked near a clothesline attached to a tree.											
Seymour, Sevier County	16	After-noon					0	1	0	0	Lightning
A man was knocked unconscious and suffered a temporary loss of speech when lightning struck near him.											
Nashville, Davidson County	16-	8 p. - 17					0	0	?	0	Rain, lightning and wind.
A series of violent thunderstorms brought lightning, wind and flash flood damage. Heavy rains resulted in flash flooding in low lying areas causing the evacuation of more than 40 families from their homes; 15-20 houses were flooded with some having water 5-7 feet deep. In addition to home damage numerous autos sustained water damage; one auto was a total wreck after it had been swept along a flood swelled creek for one half mile. Lightning caused several fires one of which destroyed an auto-body paint shop and 4 autos. Strong winds damaged power and phone lines, uprooted trees, shattered windows and blew over signs. Damage from falling trees included one crushed auto and severe damage to one house.											
TENNESSEE (Cont'd.)											
Williamson County	16-	8 p. - 17					0	0	4	?	Rain, lightning and wind
Severe thunderstorms brought wind, lightning and flash flood damage. Total rainfall was 6.42 inches in 8 hours. Many animals were killed by lightning or drowned. Power and phone lines were extensively damaged by wind, lightning and wash-out of poles. High winds brought roof damage and storm rains badly washed county roads, washed out several small bridges and flooded store basements.											
Belmont Community (near), Anderson County	21	Near noon					0	0	0	?	Hail
A heavy hailstorm deposited up to 2 inches of hail and was accompanied by an estimated 2 1/2 to 3 inches of rain. Corn and tobacco crops were wiped out in a 2-mile area extending from below Gooseneck and Mill Creek to below Andersonville.											
Knoxville, Knox County	24	8-9 p.					0	0	?	0	Rain
Heavy thunderstorm rains resulted in flash floods which flooded hundreds of basements, caused evacuation of several families from their homes, flooded many streets and contaminated springs which were a part of the city water supply.											
TEXAS											
Garland, Dallas Co.	1	7:30 pm					0	0	5	0	Wind
During heavy thunderstorm with much lightning, which occurred over the city for about 10 minutes and then moved off to E & NE. Roofs, power poles & lines, trees, signs, plate glass windows & a large revival service tent badly damaged.											
Lamar & Red River Counties	1	evening	20				0	0	4		Wind
Violent wind & electrical thunderstorm damaged numerous houses, barns, outbuildings, TV antennas, trees. One house blown from its blocks.											
7 E Tuscola, Taylor Co.	1	10 pm					0	0	4	0	Hail
Injured or killed more than 200 turkeys, ruined 100 acres of wheat & oats, damaged outbuildings, gardens & trees on two adjacent ranches.											
3 S Deport, Lamar Co.	5	3 pm					0	0	0	0	Funnel aloft
10 WSW Big Spring, Howard Co.	6	9:27 pm					0	0	0	0	Funnel aloft
Moved NE, ended at 10:10 pm.											
Seagraves, Gaines Co.	6	9:30 pm					0	0	4	0	Wind
Hangar, 2 small planes wrecked. 30x50-foot storage building lifted & carried high enough to destroy telephone lines. 2nd's penetrated roofs at a tourist court. During electrical storm.											
10 W Big Spring, Howard Co.	6	10:40 pm					0	0	0	0	Funnel aloft
Moved N.											
McLeshee, Bailey Co.	6	10:40 pm					0	0	0	0	Funnel aloft
Sipe Springs, Comanche Co.	7	00:15 am					0	0	4	0	Electrical
Lightning caused explosion, four 500-bbl oil tanks & contents destroyed.											
Beaumont, Jefferson Co.	7	7 pm					0	0	4	0	Electrical
During heavy thunderstorm lightning struck a 10,000-gallon oil storage tank splitting it & in minutes disintegrating the tank. The top blew off a second tank & it caught fire, was destroyed. A third tank was damaged.											
10 N Pantex, Carson Co.	8	1 am					0	0	0	0	Tornado
NE of Amarillo, remained on ground about 10 minutes, lifted and dissipated.											
10 N Olton, Lamb Co.	8						0	0	0	0	Funnel aloft
Moved E.											
4 S Clarendon, Donley Co.	8	4:25 pm					0	5	3		Tornado
Damaged farm houses & outbuildings; car overturned, 5 occupants hospitalized. Accompanying heavy rain, hail.											
8 SW Sweetwater, Nolan Co.	8	5 pm					0	8	0	0	Electrical
Lightning struck a rig near Lake Trawell, 8 oilfield workers were knocked unconscious. One had slight burns & shock, others uninjured. During passage of heavy thunderstorm, high winds.											
Paducah, Cottle Co.	8	abt 5:30 pm					0	0	0	0	Funnel aloft
Accompanying winds estimated 70 to 75 mph.											

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

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.)									
Sweetwater, Nolan Co.	8	night	4	1/4	0	0	5	0	Hail
			Several cars & trucks received heavy windshield and body damage; 24 dwelling units at radar base damaged; much glass breakage; roofs of two public buildings & phone & power lines damaged. Hailstones to baseball size piled up 2 feet deep at sides of buildings. Accompanying strong wind, rain.						
Bronte, Coke Co.	8	night			0	0	1/4	0	Hail
			One house a total loss, other roofs damaged, large number of sheep & wildlife killed, trees & shrubbery, grassland stripped. Accompanying strong wind, heavy rain.						
Turkey, Hall Co.	8	6:50 pm			0	0	0	0	Funnels aloft
			3 funnels sighted.						
12 SE Memphis, Hall Co.	8		short	narrow	0	0	3		Tornado
			At Plaza two outbuildings destroyed, 2 dwelling roofs damaged. Accompanying heavy rain and hail.						
Padonah area, Cottle Co.	8	7 to 8 pm	50	1/10	0	0	5	0	Wind, rain, hail
			From northwest to southeast Cottle Co. high winds est. 60 to 75 mph, hail to baseball size and heavy rain, officially measured 2.30 inches in 45 minutes. Mature wheat crops cut down by hail or laid on soaking ground by high winds, cotton crop heavily damaged; considerable damage to roofs, siding, windows, gardens, trees and shrubs. Hall light in city.						
15 SW Dyess AFB, Taylor Co.	8	8:02 pm	short	narrow	0	0	0	0	Tornado
			On ground about 5 minutes in open country near Abilene.						
10 E. Sumray, Moore Co.	9	00:15 am	short	narrow	0	0	0	0	Tornado
			Touched ground briefly open country, pulled back into cloud.						
Amarillo, Potter Co.	9	7:35 pm	short	narrow	0	0	5	0	Tornado
			At Air Force Base MCD club heavily damaged, car smashed by flying debris. During thunderstorm with 70 mph winds, torrential rain; large hail to 1-1/2" diameter caused only slight damage in area.						
3 W Amarillo, Potter Co.	10	00:41 am			0	0	0	0	Funnel aloft
W of Angleton, Brazoria Co.	10	9:50 am			0	0	0	0	Funnel aloft
4 W Hersford, Deaf Smith Co.	10	5:30 pm	short	narrow	0	0	4	0	Tornado
			Heavy damage to new 54-foot trailer house, and a small cylindrical sheetiron granary was picked up and thrown across 2 fences and the road, wrecking it.						
9 W Amarillo, Potter-Randall Cos.	10	7:46 pm	short	narrow	0	0	0	0	Tornado
			Open country, moved NE. Pulled back into cloud at 8:30 pm.						
6 SE Weatherford, Parker Co.	12	5:18 pm			0	0	0	0	Funnel aloft
			Moved SE.						
2 S Forestburg, Montague Co.	12		short	narrow	0	0	3	0	Tornado
			Damaged 2 houses, few outbuildings, trees and TV antennas.						
10 ENE Fort Worth, Tarrant Co.	12	4:35 pm			0	0	0	0	Funnels aloft
			Two funnels moving south, receded into cloud by 4:44 pm.						
Pecan Gap, Delta Co.	12	5:30 pm			0	0	5	0	Wind, hail
			Damage to buildings, power lines, trees and crops. TV antennas were bent over throughout the area and were leaning in various directions, but no resident could recall seeing a funnel cloud at any time. Hail about size of marbles, rain of 5" in short time. Several hundred acres of cotton were stripped by hail, corn and vetch crops damaged.						
Sulphur Springs, Hopkins Co.	12	abt 6:30 pm			0	0	5	0	Wind
			Ripped off parts of roofs of homes & business buildings, felled trees, knocked out power & phone lines. Hit south side of city during thunderstorm with flooding rain, moving ENE. There were no definite reports of a funnels being sighted.						
Mr Frost, Navarro Co.	13	2:40 am			0	0	0	0	Funnel aloft
SE of Waxahachie, Ellis Co.	13	2:57 am			0	0	0	0	Funnel aloft
9 W Perryton, Ochiltree Co.	15	5:50 pm	short	narrow	0	0	4	0	Tornado
			Blow away large granary & 3 outbuildings, damaged house roof &						
TEXAS (Cont'd.)									
7 W Perryton, Ochiltree Co.	15	6 pm	short	narrow	0	0	3	0	Tornado
			TV antenna, killed chickens.						
15 NW Fort Worth, Tarrant Co.	16	4:35 am			0	0	0	0	Funnel aloft
5 SE El Campo, Wharton Co.	24	abt 5 am	short	narrow	0	0	3	0	Tornado
			Farm buildings damaged.						
1 W Katy, Waller Co.	24	abt 4 pm			0	0	0	0	Funnel aloft
			Moved N.						
W of Bovina, Parker Co.	24	night			0	0	4	0	Hail
			Cotton & young feed destroyed, older feed & ripe wheat damaged in area. Accompanying strong winds, heavy rains.						
5 S Yeakum, DeWitt Co.	25	4:30 pm		150	0	0	3	0	Tornado
			Two storage bins blown 100 yards, demolished.						
Mr Diboll, Angelina Co.	26	7 am	3/4	100	0	0	1/4	0	Tornado
			Moved SW, damage to roofs and porches of houses, outbuildings; uprooted trees, broke new house in half, destroyed 1 barn. 5-acre cornfield badly damaged. Accompanying heavy rain, strong wind.						
Mr Henderson, Rank Co.	26	8:15 am			0	0	0	0	Funnel aloft
Counties of Harris, Galveston, Brazoria, Matagorda, Jackson, Calhoun & Refugio.	28-26				5		6	0	Heavy Rain
			Heavy rains in connection with tropical low pressure caused extensive flooding in local drainage areas. A large number of homes were damaged from one-to-five-feet of water in time. Three fishing piers were wrecked at Bayside on Copano Bay and there was moderate damage to signs, trees and utility lines in the Corpus Christi area. One shrimp boat was beached 2 miles south of Fort Stevens but crew was safe. Three lives were lost off Mustang Island as another shrimp boat was sunk.						
			General soaking rains occurred over the eastern half of the State. Five-to-fifteen-inch totals were common in the coastal plains from Corpus Christi to San Antonio and northeastward. Significant floods occurred in the lower Colorado and the Nueces, Lavaca and Brazos Rivers. Serious local flooding from the heavy rain occurred in the immediate coastal counties of Brazoria, Matagorda, Jackson, Calhoun and Refugio. The town of Fort Lavaca in Calhoun County was especially hard hit and top lives were lost by drowning as a storm total of 29.76 inches of rain was measured. Calhoun County was declared a disaster area, and best estimate of total loss, both public and private, is that county was two million dollars, with an estimate of total loss for all counties named, 3.5 million dollars.						
UTAH									
Box Elder and Cache Counties	9	afternoon	8	5	0	0	5	0	Hail
			Hailstones up to 1 inch in diameter cut a path over Perry, Brigham City, and Mantua, causing considerable damage to crops in the area.						
Ogden, Weber County	10	4:46 p.			2	1			Lightning
			A belt of lightning killed two men and injured another while they were working on a water line to a house under construction.						
Richfield, Sevier County	12	Day					4		Wind
			Strong winds destroyed a lumber storage shed, causing damage of about \$12,000.						
Northern and central Utah	21	Morning					5		Cold
			Freezing temperatures over much of northern and central Utah (unusual for the season of the year) did an estimated 1/2 million dollars damage to farm crops.						
VERMONT									
Black River and Williams River Valleys	3-4	Evening to morning			1	0	6	5	Flash floods, rain
			Torrential rains, exceeding 3 inches in 3 hours locally, produced flash floods of the Black and Williams Rivers and their tributaries. Extensive damage was done to roads, bridges and culverts. Low-lying field crops and hay were flooded or washed. More than 30 families were evacuated and a 2 year old girl was drowned at Chester Depot when she toppled into the flood waters of Caspette Brook. One home was washed away at Ludlow where flood waters poured down the town's main street as firemen worked frantically sandbagging vulnerable installations. Many buildings in the affected area were badly damaged and more suffered minor damage. Small streams and brooks rose suddenly to heights not seen since the devastating floods of November 1927.						

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
VERMONT (Cont'd.)									
Pownal	5	Afternoon	-	-	0	0	4	?	Electrical
Fifteen milk cows lost when struck by lightning bolt. Animals were found lying in a circle around a small apple tree. The tree itself showed no signs of having been struck.									
Cambridge	17	7 p.	-	-	0	0	4	?	Electrical, heavy rain
Steeple of Cambridge Catholic Church damaged to extent of nearly \$17,000 by lightning bolt.									
Newport	17	Evening	-	-	0	0	4	?	Rain, electrical
Torrential downpour during the early evening cascaded water almost knee-deep down many streets, as catch basins became overtaxed or blocked. Low-lying areas became flooded up to 2 feet deep. Cellars flooded and some minor washouts reported.									
Cambridge	24	6:00 p.	2	100	0	0	4	0	Tornado
Destroyed a barn, severely damaged a brick house, and sheared off trees up to 3 ft. in diameter. Suction caved in walls of furnace in basement. Refrigerator door was broken off by suction. Clothing sucked from house and strewn over countryside. Two heavy iron chairs blown from yard and yet unlocated several days later, but some lighter items in yard were not touched. Movement reported to northeast. No hail observed.									
Bennington	24	7:30 p.	1/2	30	0	0	3	3	Tornado
Tornado dipped briefly in each of two spots one-half mile distant in apple orchard. Each spot only 200 ft. long and about 30 yds. wide, but apple trees within area were completely demolished. Trees laid to northeast, except one tree landed 75 feet to south. No other damage reported in area except slight damage to power and phone lines from lightning and fallen limbs and at nearby North Bennington an auto crushed by a fallen tree.									
State	24	Evening	-	-	0	0	4	0	Electrical, wind, rain
Lightning and wind-felled trees and branches damaged power and phone lines in scattered areas of the State. In the Bellows Falls area heavy rains washed out some gravel roads.									
VIRGINIA									
Alleghany County	2	Afternoon	-	-	0	0	?	?	Thunderstorm
Strong winds and hail 5 miles west of Covington caused some damage to crops and gardens.									
Farmville Vicinity	5	Late afternoon	-	-	0	0	?	0	Thunderstorm
Winds from thunderstorms downed a number of trees which disrupted utilities and caused some damage to buildings. The roof was blown from at least one farm building.									
Pittsylvania County near Danville	6	10:00 PM	-	-	0	0	?	?	Thunderstorm
Strong winds accompanied by some hail uprooted large trees, blew away a shed of a barn and caused some other minor damage to buildings.									
Buckingham, Amherst, Rockbridge Counties and Lynchburg Area	12	Afternoon	-	-	0	0	?	0	Thunderstorm
High winds uprooted trees and resulted in considerable damage to buildings and utility lines downed. Lightning and broken electric lines caused several fires.									
Louisa County	13	Late afternoon and evening	-	-	0	0	?	?	Hail
A series of passing thunderstorms dumped hail in areas of the county that ruined crops in the path of the storms.									
Fairfax, Stafford, and Prince William Counties	13	Night	-	-	0	0	?	?	Thunderstorm
Thunderstorms with strong winds uprooted trees, damaged buildings and disrupted utilities. Flash flooding from heavy rains resulted in water damage to buildings and stored stocks as well as blocking highways for several hours. Lightning struck a home in Fairfax resulting in extensive damage.									
Shenandoah, Frederick Counties, Strasburg and Middletown Areas	14	Afternoon	-	-	0	0	?	?	Thunderstorm
High winds flattened crops and uprooted trees which downed utility lines and resulted in some damage to buildings. Flash flooding from heavy rains caused some water damage to building interiors and stocks and blocked traffic at several overflow points. Hailstones up to an inch diameter fell for about 5 minutes around 2 P.M. in the Middletown area, but little damage resulted. Most of crop damage was from flash flooding.									
Washington County	16	Night	-	-	0	0	?	0	Thunderstorm
Winds in thunderstorms uprooted trees and broke limbs, a number across power lines, to cause widespread power interruptions. Lightning knocked out several transformers.									
Bristol area	22	Night	-	-	0	0	?	0	Thunderstorm
High winds in thunderstorms blew down several trees which blocked a highway and fell across power lines, disrupting power.									
Augusta County	24	Late afternoon	-	-	0	0	?	?	Wind
Thunderstorms with tornado-like winds moved through the county accompanied by hail and heavy rains and left wide paths of damage in much of the county. Many trees were blown down. 100 apple trees were uprooted in one orchard alone. Many buildings were damaged by wind, by blowing debris, and by trees blown down on and against them. An entire roof from a granary was carried 100 feet. Several other farm buildings were partially destroyed.									
VIRGINIA (Cont'd.)									
Central and Southern Piedmont, Southern Tidewater	24	Afternoon & night	-	-	0	0	?	?	Scattered thunderstorms
Scattered thunderstorms, some with hail, were responsible for a variety of scattered damages in the southern half of the state from Danville to Charlottesville and southeastward to Norfolk. Wind blew down many trees, some across utility lines, on to automobiles, and against buildings. Lightning killed six steers in Fluvanna County.									
Caroline County	29	Late afternoon & evening	-	-	0	0	5°	0	Thunderstorms
A severe thunderstorm with damaging winds developed in a line of thunderstorms in northern Caroline County, moved south through Bowling Green area to Richmond with diminished intensity, then drifted eastward and diminished. Hardest hit was the Bowling Green area where winds were described as "tornado-like". Trees were downed, power interrupted, and some buildings damaged throughout the path of this storm. In Bowling Green Milford area roofs were torn off four houses and a warehouse, numerous barns were flattened and one large home demolished. Damage to buildings was widespread. Uprooted trees were blown against many buildings to inflict further damage. Debris littered streets and highways. Hail damage to crops was extensive. Said to be worst storm in history of Caroline County.									
Norfolk area	29	11:15 PM	-	-	0	0	0	0	Funnel cloud
Funnel cloud observed aloft. Dissipated without reaching the ground.									
WASHINGTON									
Northern King and southern Snohomish counties	19	Afternoon	-	-	0	0	3	3	Thunderstorm
One residence in Everett, Snohomish and several power transformers near Bothell were damaged by lightning. A few basements in low areas suffered some flood damage.									
WEST VIRGINIA									
Parkersburg	12	Afternoon and evening	-	-	0	0	?	?	Rain and wind
A series of thunderstorms giving very locally heavy rainfall amounts caused the destruction of a basement wall of one residence and the flooding of a number of other residential basements with attendant property damage; three street intersections were damaged by cave-ins; several power lines were blown down.									
Centuria	14	2 PM	-	-	0	0	3	3	Hail and wind
"Severe hail and wind damaged roofs, crops and trees".									
North of Morgantown near the Pennsylvania line	22		-	-	0	0	?	?	Lightning
A woman was struck by lightning near an outbuilding at her home.									
WISCONSIN									
20 W Green Bay	1	3:30 p.m.	-	-	0	0	?	?	Wind
Damage to farm buildings.									
Racine	23	4:45-5:00 p.m.	-	-	0	0	?	?	Hail
Hail golf ball size. Several hail reported up to 4-inch diameter. Damage to windows and trees.									
2 N Coon Valley	27	5:00 p.m.	-	-	0	0	?	?	Flash flood
Eleva	28	3:45 p.m.	10	60	0	0	?	?	Tornado
Tornado momentarily touched down several times from 3:45 p.m. to 4:30 p.m. Path from southwest of Eleva to northwest of Eleva. Damage to farm buildings and trees.									
Mondovi	28	Afternoon	-	-	0	0	?	?	Unconfirmed Tornado
Path of storm from northwest of Mondovi to east of Mondovi. Path about 10 miles long. Damage to farm buildings and trees.									
45 NNE Madison	28	5:52 p.m.	-	-	0	0	?	?	Funnel
Merrillan-Hixton Area	28	Afternoon	-	-	0	0	?	?	Wind
Power lines, trees, farm buildings damaged.									
38 SW Green Bay	28	10:35 a.m.	-	-	0	0	?	?	Waterspout
Over Lake Winnebago.									
Rockford	28	5:00 p.m.	-	-	0	0	?	?	Hail
Hail the size of golf balls. Damage mainly to windows, including several stained church windows.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1960

DELAYED DATA

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
WYOMING									
Granger Junction	9	2:30 p.	50	175	0	0	0	0	Tornado
Ten miles northwest of Saratoga	9	Afternoon	?	?	0	0	0	0	Tornado
Yellowstone Park and Big Horn Basin	9	Evening	?	?	0	0	4	3	Rain
									Heavy scattered rainstorms during the evening caused flooding and damaged crops. The flooding washed out bridges and damaged roads in several areas.
South of Lusk	11	Afternoon	?	?	0	0	3	3	Rain and hail
									The rain caused flooding with some damage to buildings and roads. Some poultry and small livestock were killed by hail.
Casper Airport	12	9:20 a.	?	?	0	0	0	0	Funnel cloud
Lucerne and Thermopols	16	Evening	?	?	0	0	4	4	Rain
									Flooding and crop damage together with some livestock loss.
Green River	19	9:00 a.	?	?	0	0	4	0	Tornado or strong wind
									Storm severely damaged a store and bowling alley.
Manville	26	8:00 p.	?	?	0	0	3	0	Tornado
									Damaged two homes.
Eighteen miles south of Gillette	26	Afternoon	Seven-	2 Mi.	0	0	0	4	Hail
			al						
Albin	29	3:00 p.	?	?	0	0	0	0	Hail
									Few hail stones size of baseballs.

- \* Miles instead of yards.
  - \*\* Yards instead of miles.
  - † Includes crop damage.
  - C Crop damage.
  - † Storm damages are placed in categories varying from 1 to 9 as follows:
- 1 Less than \$50
  - 2 \$50 to \$500
  - 3 \$500 to \$5,000
  - 4 \$5,000 to \$50,000
  - 5 \$50,000 to \$500,000
  - 6 \$500,000 to \$5,000,000
  - 7 \$5,000,000 to \$50,000,000
  - 8 \$50,000,000 to \$500,000,000
  - 9 \$500,000,000 to \$5,000,000,000.

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

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					KILLED	INJURED	PROPERTY	CROPS		
KANSAS	June 1959									
Neade County	21	afternoon							Hail	
									Heavy hail over a rather small area centered about 10 miles north and 3 west of Plains caused considerable crop damage.	
Marshall County	21	evening					3		Electrical	
									Lightning struck and killed 11 head of shorthorn cattle 3 miles south of Irvine.	
Miami County	22	noon					2		Heavy rain	
									Two cars collided in Osawatimie when vision was obscured by heavy rain.	
Ness County	27	evening					2		Electrical	
									Appliances and wiring were damaged at a home in Ness City by lightning.	
Additional Data	27	6:10p-8pm					1		Electrical(6)	
Russell, Osborne and Mitchell Counties									Hail stones were as large as hen eggs north of Sylvan Grove. Lightning killed 2 cows on separate farms in Mitchell county. A man was knocked down and injured slightly by a bolt of lightning near Hunter.	
Clark County	28	evening							Electrical	
									Near Ellinwood lightning struck an R.E.A. power line splintering a pole into tooth picks and damaging a T.V. set together with a rug and making a hole in the wall of the house.	
Gray County	28	4:30p-6pm							Electrical (6)	
									A number of minor damages to electrical appliances resulted from various lightning strikes in and near Cimarron.	
McPherson County	28	5:30p-8p							Heavy rains, hail and wind.	
									A deluge of 5 inches or more of rain in 2 1/2 hours in northwestern McPherson County, between Marquette and U. S. Highway # 50 flooded basements and halted traffic on the U. S. highway No. 81. Small hail driven by high winds caused some local crop damage.	
Seward County	28	near 7:45p							Wind	
									High wind over near Liberal. turned two house trailers from their foundations	
Southern Dickinson and Western Morris Counties	29	6p-11p							Heavy rains	
									Heavy rains of 3 to 5 inches in 3 hours caused local flooding in Hartington. About 40 families were evacuated from their homes. Water entered some business places.	
Pawnee County	29	4:00p-8:30p							Hail, heavy rain, and Electrical (3)	
									A thunderstorm of severe proportions resulted in some hail damage to crops, flooding and washing of fields from heavy rains, and lightning damaged appliances and wiring at 3 places over the County besides causing interruption of electric service to a number of localities.	
Dobson County	30	10:30a.					1		Electrical	
									A man was struck and killed by lightning while working in his garden west of Alton.	
Neosho County	30	8pm							Electrical	
									A big bolt of lightning struck a print shop in Mayr, several motors, switches and the telephone had been damaged.	
MONTANA	June 1959									
Scobey (3 miles northeast)	20	7:00 - 7:10 p.m.	?	100	0	0	3	3	Tornado and Hail	
									Tornado wrecked barn. Damage to field crops was from hail.	
PENNSYLVANIA	June 1959									
Eastern half of State	30	Afternoon and Evening					1	3	5	Thunderstorms
									The thunderstorms that moved across the area were accompanied by strong winds, lightning and some small hail. Property damage was due to lightning fired buildings and high winds that lifted roofs, uprooted trees, etc. Lightning struck and killed one man near Lebanon and injured 3 others. Numerous power failures were also attributed to the lightning strikes. Although hail fell in the State College and Leak Haven areas with some window panes being broken, no crop damage was reported.	
FLORIDA	July 1959									
Eustis Lake County	29	Afternoon					1	1		Lightning
KANSAS	July 1959									
Sedgwick County	3	8 am					1			Electrical
									A man and the horse he was riding were both killed by lightning near Colwich.	
Osage County	4	evening							Hail	
									Crops in the area of both Carbondale and Scranton were damaged by hail. Losses ranged from partial to complete.	

See reference notes with current data.

# 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 (Cont'd.)	July 1959									
Woodson County	4	4 am								Severe wind. A vicious gust of wind caused damage at a farm near Yates Center. Trees were broken and blown over. Shingles were torn from the house and the barn was largely demolished.
Edwards County	5	evening								Electrical Lightning struck 2 houses on a farm near Lewis, east of Kinsley. One house was damaged more than the other.
Rush County	5	5 pm								Hail and high winds Storm damage was reported in various localities over the county. At Tishon, some stumps were the size of golf balls. Roofs were damaged, trees stripped bare, crops and gardens beaten badly. Windows were broken by the wind driven hail. Storm lasted about 25 minutes.
Wichita County	7	5p-10p								Electrical (6), hail and severe winds. Scattered farm buildings and some crops were damaged by hail and high winds. Lightning damaged T.V. installations at 2 places and started 4 or more grass fires in pastures.
Coffey County	8	evening								Electrical (2) different localities. Two lightning strikes in Gridley damaged trees at 2 places.
Rush County	10	afternoon								Hail Feed crops were badly damaged near McCracken by golf ball sized hail which remained on the ground several hours. Minor damage was done to roofs and sides of buildings.
Edwards County	10	afternoon								High winds. Many trees were broken and some of the older barns were demolished by severe winds. Feed crops were blown down near Offerle.
Republic County	10	evening								Hail Almost all buildings in Courtland showed the effects of hail. Flat roofs were damaged considerably.
Woods County	10	late afternoon								Hail and wind Hail ruined several thousand acres of fine maize near Woods. Some fields were stripped of leaves with only the bare stalks standing. Trees and one hay barn were damaged by the severe wind.
Clark and Comanche Counties.	10	afternoon								Electrical (3) Two separate grass pasture fires were started by lightning in western Comanche and eastern Clark Counties. About 35 acres of grass were burned in one place with flames 15 to 20 feet high. A third lightning flash killed a horse in another pasture.
Norton and Stevens Counties	11	5p-10pm	40							Hail and wind, rain A severe thunderstorm with hail and strong winds from 10 miles north of Holla eastward across Stevens County about 6 miles north of Hugoton with hail and severe winds, destroyed many acres of crops and damaged numerous buildings in the early part of the storm. Hail was of walnut size and banks of hail remained the next morning. The storm advanced toward the northeast. About 8pm the wind shifted to the north and heavy rain and wind caused much washing of fields.
Clark County	12	afternoon								Electrical (2) Two separate lightning strikes in eastern Clark County destroyed 1000 bales of hay at one farm and 2 large stacks of feed at another.
Cheyenne County	13	7 pm								Electrical and wind Power lines, T.V. antennas, and trees were broken and bent by strong winds near Bird City. Some lightning damage was also reported.
Gove County	13	night								Electrical A lightning bolt killed a head of steers 6 miles south and 2 west of Crinall.
Dickinson County	13	night					3			Electrical Lightning struck and destroyed a barn with contents of hay about 10 miles north of Abilene.
Elk County	13	night								Electrical A hay barn and 2 tons of hay were burned after being struck by lightning near Howard.
Douglas County	14	early morning								Electrical At Baldwin lightning followed the three guy wires to the roof and where each touched the roof large holes were made by the lightning, one as large around as a washtub. The T.V. set was also badly damaged. Shingles from this roof were blown a block distant by the lightning.
Montgomery County	14	11 am					3			Electrical Lightning struck a 12,000 volt transformer line in the Missouri Pacific freight yard, with a \$1,000 fire loss and the disruption of service for some time.
KANSAS (Cont'd.)	July 1959									
Chautauqua County	15	morning								Electrical Over the western part of the county numerous severe lightning strikes damaged electric service lines extensively. Several transformers were burned out, numerous insulators broken, three poles were damaged beyond use and service was interrupted for several hours.
Kiowa County	16	afternoon								Hail Numerous roofs in the town of Haviland in eastern part of County were damaged.
Kingman County	18	10:30 pm								Strong wind A strong northwest wind tore much of the insulation and roofing from a bowling alley in Kingman. Large limbs were torn from trees in the eastern part of town.
Butler County	21	4 am								Electrical Lightning struck a large barn southeast of Douglas. Barn and contents of hay, grain, tools and farm machinery were a total loss by fire.
McPherson and Marion Counties	23	late afternoon								Wind and hail Quite gusty and strong winds caused damage to trees, T. V. aeriels and some store windows over parts of these two counties. West of Hillsboro hail damaged corn but not seriously.
Gray County	24	morning			2	4				Electrical Lightning struck a machine shop 1 mile south of Cimarron, shop and contents were destroyed by the resulting fire. Two men were burned rather seriously.
Osborne County	27	afternoon								Wind A large cattle shed was blown down near Fortis and pieces were scattered over the field. A dense cloud of dust accompanied the wind.
Sheridan County	29	4:40p-6:30p								Hail Pea sized hail caused crop damage north and east of Hoxie.
Shawnee County	30	7 am								Electrical Lightning struck a tree next to a house on the east side of Nepeka. A man was almost knocked out of the house by the bolt but was not injured.
Saline County	31	afternoon								Electrical Lightning with the appearance of a large ball, struck a house in Salina damaging several electrical devices.
Osage County	31	afternoon								Electrical A bolt of lightning striking a tree near a house followed the wiring into the house doing some damage to the house.
Franklin County	31	5 pm								Electrical A barn filled with 1,000 bales of hay, 2,600 bushel of grain and farm machinery was a total loss from fire after being struck by lightning.
Atchison County	31	afternoon			1					Wind In Atchison, a large sign whose anchors had been weakened by previous high winds fell during an afternoon thunderstorm, falling rocks, bricks and other debris struck a woman pedestrian causing severe injuries. Trees were broken and some other minor damage was reported over town.
Johnson County	31	afternoon				1				Wind and rain Wind blew down many tree limbs and caused other minor damage over Johnson county. A truck skidded on a wet pavement and hit another car injuring the woman driver.
CONNECTICUT	August 1959									
East River (New Haven Co.)	29	7:00 a.	1/8	20	0	0	1	0		Tornado Funnel observed spinning across an open stretch into lumber shed, emptying out a pile of pine logs and scattering them into the open. Rainfall occurred at excessive rate during this interval.
KANSAS	August 1959									
Cowley County	18	3:30p-3:55p	1 1/2	50			3			Tornado A small but vicious tornado struck a farm plant 5 miles southwest of Winfield. A grain bin was carried 200 feet and wrapped around a tree. Windows glass was sucked out of the frames and dropped unbroken on a near by plowed field. Other buildings and trees near by were undamaged. The storm travelled northeast.
Logan County	22	5:00a					3			Electrical Lightning struck near a leaking gasoline supply tank several miles south of Oakley. The resulting fire burned a barn and contents and several near by sheds and equipment.
McPherson County	22	afternoon								Severe wind About 3 miles northeast of McPherson severe wind damaged buildings on several farms.

See reference notes with current data.

# 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 (Cont'd) August 1959									
Clark County	27								Electrical
Lightning started a prairie grass fire near Minneola. Approximately 100 acres were burned.									
Menaha County	28	10:00pm							Wind
A wind squall did some damage over southern part of the county, blowing down T.V. antennas, breaking trees and branches across telephone and power lines and flattening a lot of corn. Some evidences of a tornado as trees etc. were bent and broken toward the northeast and others near by toward the southwest. Some reported a considerable roar.									
Republic County	28	10:30p			1	1			Electrical
Lightning struck near Scandia. A woman who had just gone to bed after pinning up her hair was stunned and her hair singed by the charge coming in through the house wiring and jumping from the bed lamp to the baby pins in her hair, lighting her up like a Christmas tree.									
Jackson County	28	11:00p							Wind
A gust of wind blew down trees which in turn broke or interrupted telephone and electric services for near an hour over most of Holtan and surrounding area.									
Seline County	29	1:00a							Electrical
Fire set by a bolt of lightning destroyed a new barn and contents 1 mile south of Gypsum.									
Riley County	29	early am							Electrical
A school house and a large barn full of hay near Wakefield were destroyed by fires resulting from lightning. Several T. V. sets were damaged.									
Russell County	29	evening							Electrical
A number of electrical appliances at farm homes near Paradise were damaged by lightning. Also 4 head of livestock were killed in a pasture.									
Russell County	29	10:00p							Hail and wind
A hail storm just east of Wilson damaged crops severely. Grain sorghums were 100% thrashed in the fields. Stones were of marble to walnut size and were driven by high winds. At one farm home 1/2 miles east of Wilson 950 dead birds were picked up next morning.									
McPherson County	30								Wind, hail and Electrical (4)
A thunderstorm over much of the eastern half of the county resulted in damage from wind driven hail and several lightning strikes. Hail damage was most prominent near Galva where feed crops were badly damaged and some windows were broken. The ground in some localities was white with the hail. Lightning caused slight damage to electrical appliances in McPherson. Near Galva lightning started a fire that destroyed a chicken house, tool shed and about 900 hens. Also an oil tank was set afire near by about the same time by lightning.									
Russell County	30	4am					4		Electrical
Lightning struck an oil tank battery 10 miles southeast of Russell. A wooden tank was destroyed and 5 metal storage tanks were badly damaged from the heat.									
Butler County	30	3am							Wind
Wind gusts near 55 mph tore limbs from trees, bent T.V. antennas, and caused a number of interruptions in electrical service in and near Eldorado.									
Montgomery County	30	early am					3		Electrical
Near Coffeyville lightning set fire to a large hay barn filled with 200 tons of hay. Barn and hay were all burned.									
Coffee County	30	early am							Electrical
Seven steers were struck by lightning and killed in a pasture in the southern part of the county.									
Neosho County	30	early am							Wind and Electrical
A sharp thunderstorm with wind and lightning damaged power lines and broke limbs from many trees. A minor fire resulted from lightning at one house near Chautau.									
Sourdon and Crawford Counties	30	5am to 6am					2		Wind, electrical (2), and funnel cloud.
In this thunderstorm lightning set fire to 2 houses with only minor damage to each near Fort Scott. Trees and limbs were broken by the wind. The Highway Patrol reported a funnel cloud over Weir.									
Cherokee County	30	6:30a			1	3			Electrical
Three horses and 2 cows were killed when lightning struck near Girard. One person suffered from shock for several hours.									
Marion County	30	early am			1	2			Electrical (2)
Lightning struck twice early in the morning near Burns. The mattresses on a bed at one place was set afire and the person occupying the bed suffered a sore arm for several days. A meter box south of Florence was also damaged.									
KANSAS (Cont'd) August 1959									
Kingman County	30	7am					3		Electrical
Lightning struck a large stack of 3,500 bales of hay, 5 miles south east of Kingman, all of which was burned.									
Clay and Dickinson Counties	30	evening							Hail and wind
High winds caused some damage to trees and power lines over these 2 counties. In east central Dickinson County large hail stones driven by the wind stripped leaves and ears from corn and shattered heads of grain sorghum. Windows were reported sucked out by the wind.									
Brown, Atchison, Leavenworth Counties	30-31	11pm-4am							Electrical (5) and wind.
A severe thunderstorm brought some wind damage to Atchison where trees were blown down. In Hiawatha electrical appliances were damaged at 12:25 am when lightning struck a house. A house and contents in Atchison suffered heavy damage by a bolt of lightning at 4 am. Two other houses had minor damage from other lightning bolts. West of Baselor a hay barn and 800 bales of hay and some machinery were lost in a fire resulting from lightning about 2am.									
Lyon, Osage, Franklin, Wyandotte Counties	31	early morning					4		Electrical (4)
During a thunderstorm over this area, a house near Osage was badly damaged by a bolt of lightning at 3:40a. In Osage City quite a number of light bulbs were burned out and appliances at 3 homes were damaged when lightning hit near by. A transformer in Baldwin was hit by lightning and electric service was off for several hours. In Ottawa lightning damaged the transformer and lines to the hospital and surrounding areas. Numerous telephone lines were out for several hours. A house east of Benner Springs was struck by lightning and suffered \$12,500 damage, to house and furnishings. A house next door was damaged some by the fire.									
MAINE August 1959									
Stetson (Penobscot Co)	17	5 p.	1.5	5	0	0	3	0	Tornado
Storm sounded like jet airplanes. Damage at three points along path. Observers saw garage demolished and roof and debris lifted and spun around like leaves in a dust devil. Pieces were found up to a half mile away. In other two areas damage was only to trees. Storm moved eastward. Unusual feature was no visible funnel at ground other than rotating debris. This storm was associated with a thunderstorm and was not a fair weather dust devil. Hail fell in nearby areas.									
OKLAHOMA August 1959									
Antlers, 4 1/2 miles east of Poshmataha County	27	1:20 a.	Short	100			3		Tornado
Home damaged and outbuildings, trees and fences destroyed at a farmstead near Antlers. Loud roar was heard. Storm moved northward.									
SOUTH DAKOTA August 1959									
Haskell county	Aug. late	31	un-known		0	0	4		Tornado, electrical, hail
Delayed report of tornado in northwest section of county. Gut buildings at rural school destroyed, also large tool shed, livestock feeder, wall pumping and other farm buildings demolished or damaged. A couple trying to escape path in car had rear window pulled out by suction. Two to three inches of hail on ground in general area and prairie fire started by lightning prior to tornado. Another unconfirmed tornado reported 45 miles northeast of Philip at 1735 C.S.T.									
ILLINOIS September 1959									
Park Ridge	Sep. 21	2:47 pm	2	40	0	0	4		Tornado
Probable tornado moved toward the northeast through the south side of Park Ridge. Many trees were downed but structural damage was light.									
Pinckneyville	Sep. 26	7 pm	1/4	130	0	0	3		Tornado
Tornado touched down briefly 3 miles south of town and damaged a coal mine building. Movement was reported toward the north.									
MONTANA September 1959									
Missoula (Weather Bureau Airport Station)	30	10:30 - 10:40 A	?	?	0	0	0	0	Funnel Cloud
The funnel cloud was observed over the Missoula Airport.									

See reference notes with current data.

# 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	INURED	PROPERTY	CROPS	PROPERTY	CROPS	
KANSAS Chase County	January 1960	20 afternoon			3	2					Snow
	An automobile and 2 trucks collided 6 miles east of Cottonwood Falls on U. S. Highway # 40 when they hit an icy spot on the road. Five inches of snow had fallen on the 17th-18th. A mother and 2 small daughters were killed and drivers of both trucks injured.										
CALIFORNIA Correction, March 1960	Northwestern Kern County should be changed to read "Northeastern Kern County."										
KANSAS Butler County	March 1960	31 6:50p					2				Electrical
	Lightning struck the electrical system of a house in north Eldorado doing extensive damage to appliances.										
Butler County	31 8:00p										Electrical
	An oil field sludge pond one and one-half miles north of Augusta was struck by lightning. Flames leaped 40 feet high and smoke was visible for many miles. Fire burned for almost 25 hours. Rather than pollute a near by river the fire was allowed to burn the oil rather than have it washed into the river by water used to put the fire out.										
Covley County	31 8:15p						3				Electrical
	Lightning apparently entered a home in the east part of Winfield by two routes, via the T.V. antenna and by the transmission wires. Light fixtures, wiring, and the T. V. set were damaged. Numerous cracks were made in the walls especially around the fire place and in the foundation.										
Butler County	31 evening										Severe Winds
	A house and barn about 5 1/2 miles east of Eldorado were damaged by a severe gust of wind. The barn was almost an entire wreck.										
NEW YORK	March 1960	3-5 morning hours of 3rd to a.m. hours of 5th			31	un-known		6			Heavy snowstorm
Statewide, except extreme north	A "Texas" storm moved northeastward out of the Southeast against high pressure over the Northeast, "bogged down" in the Ohio Valley and a new storm formed on the Atlantic Coast and moved along the coast. This storm produced the heaviest snowstorm of the winter season. Over 1 ft. fell south of Lake Ontario and the Rochester area. 1 to 2 ft. in the New York City area and up to 44 inches in the Catskills. Widespread interruptions to surface and air transportation resulted and many people were stranded throughout the state, especially in the New York City area. Strong winds and severe drifting up to 5 and 6 ft. added to the severity of the storm. There were 30 deaths caused by overexertion from shoveling and walking in deep snow (24 of which were in the New York City - Long Island area); 1 man was killed in a slidding accident.										
Rockland County	25 early a.m.							4			High winds
	High winds (up to 80 mph) resulted in damage to two schools under construction.										
Statewide	30-31				2			5			Heavy rains
	Heavy rains associated with warm temperatures and rapid snowmelt resulted in considerable small stream flooding and some flooding on major streams. One man drowned in a high stream in the Elmira area; 1 boy drowned when side wall collapsed near flooding stream in the Rochester area.										
KANSAS Logan County	April 1960	1 morning					3				Wind
	A 46 foot trailer house parked along the highway in south Oakley was flipped over by a strong gust of north wind. Refrigerator, stove, and other furniture were damaged.										
Sedgwick County	4 noon										Wind
	A gust of wind caught a large sign at a closed filling station in north Wichita and blew it and the boom truck lifting the sign over onto a gasoline truck. The service station pumps were also damaged.										
Sumner County	4 evening										Electrical
	Lightning struck a residence near Wellington damaging the pump of the water system.										
Sheridan County	12 afternoon										Wind
	Wind gusts broke 2 large store front windows in Hoxie.										
KANSAS (Cont'd)	April 1960										
Prairie and Comanche Counties	13 1:57a-2:00a		15	40			1	3	3		Wind squall
	Severe winds blew a mail and freight truck off the road 3 miles west of Preston in northeastern Pratt County. The driver was slightly injured. Sheds, barns, chicken houses were damaged at a number of farms over southern Pratt and northern Comanche Counties. Signs, windmills, and a few telephone poles also were damaged. Some evidence of tornadic action. Storm progressed north eastward.										
Rice County	13 2:59a							4			Electrical
	Lightning struck a battery of 2 wooden oil tanks 3 miles east and 11 miles north of Lyons. Tanks and contents of oil burned for 2 1/2 hours before being extinguished.										
Saline County	13 4:45p-4:55p		1	150				3			Tornado
	A small but distinct tornado formed about 5 miles northeast of Salina and was observed by a number of people. It struck only one farm stand where shingles were torn from the roof of the house, windows were blown out, tipped over a hayrack, sucked the windows out of a truck. Tornado had a whitish appearance and a very loud roar.										
Sedgwick County	13 10:00pm							4			Electrical
	A 15,000 barrel gasoline storage tank in north Wichita was struck by lightning and burned for an hour before being extinguished by fire fighting foam.										
Reno County	13 evening										Hail
	Hail was piled up to 4 inches deep on farms near Pretty Prairie in the south central part of Reno County. Some stones remained till the next morning.										
Sumner County	14 9:25a										Electrical
	Lightning struck a cafe in Wellington damaging the air conditioner.										
Wyandotte County	14 3:00pm										Tornado
	A funnel cloud dipped to earth near the Kansas River about 10 or 12 miles west of Kansas City, no damage was reported.										
Miami County	15 5:25p-6:00p		15	440			2	5			2 Funnel Clouds, Tornado, hail, high winds, heavy rain.
	A small funnel cloud was first sighted by the Highway Patrol west of Louisburg which withdrew into the base cloud in a few minutes. Approximately 10 minutes later the larger and main funnel formed and came to the ground. The first damage occurred about 2 1/2 miles southwest of Louisburg. The path of destruction was generally east northeast but for a short distance, time or two, it curved to the southeast some. The whole path was about 15 miles in length, 5 miles in Kansas and 10 in Missouri. Some 15 farm plants were wrecked or partially damaged. Two persons were slightly injured. As the tornado moved east after touching the north edge of Louisburg a second funnel was observed near the tornado which was causing the damage but was visible for only a few minutes. Numerous telephone and power lines were broken and debris from buildings was scattered extensively over fields. A number of farm animals were killed. Few definite reports of the time of occurrence were received. Very heavy rain immediately after the tornado caused flash flooding. Some hail damage was reported near Hilledale, north of the tornado path. Largest stones were the size of golf balls but were not very numerous.										
Johnson County	15 5:30p-6:30p		10	*1				5			Hail
	Hail, much of which was from 1 to 2 inches in diameter fell over the south half of Johnson County resulting in considerable scattered but not severe damage to buildings in any one area.										
Franklin County	16 5:00p-5:10p		8	50-100			4	4			Tornado
	A well developed tornado began its damage at the north edge of the village of Princeton and covered a path of 8 miles toward the northeast damaging property on 6 farms. It had a dreadful roar and the funnel was observed by many people. As it approached several homes it looked like a black wall. Several farms houses were left in shambles. Four persons were slightly injured.										
Butler County	16 5:00p-5:15p		8				1	3			Tornado and hail
	The funnel cloud formed about 2 miles north of Rose Hill and travelled northeast about 5 miles where it damaged a farm home after which it turned more to the east and lifted about 1 mile south of Augusta. Funnel cloud observed by many and others close by it reported an awful roar. Considerable hail fell immediately after the tornado passage but caused only minor damage.										
Butler County	16 5:15p-5:20p										Tornado
	Eye witnesses watched swirling dark clouds develop into a funnel cloud which touched ground about 3/8 miles east and 4 south of Rose Hill. The tornado appeared to remain stationary for several minutes then rose and dissipated as it moved east. The tornado had virtually "cleaned" an area 1/2 mile in diameter of wheat and loose soil. In the center of this cleaned area was an undisturbed piece of ground which had been in the eye of the storm. Fences										

# 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 (Cont'd)	April 1960								
Butler County	16	5:45p-6:00p			1				Small tornado
									A small funnel cloud dipped to earth at the southern tip of Eldorado. One man was injured by flying glass when the tornado struck near by. Only 3 small tin buildings were damaged. Storm moved northeast.
Sumner County	16	6:15p-6:40p							Hail
									Hail stones up to 1 inch in diameter and driven by a 40 mph northwest wind caused much roof, tree, window, siding, neon sign, and some crop damage, especially advanced wheat and alfalfa in Wellington and over the eastern half of the county.
Franklin County	16	6:30p-6:35p							Funnel cloud
									A distinct funnel cloud was observed about 3 or 4 miles north of Ottawa progressing northeast but did not come to earth.
Elk County	16	7:00p							Small tornado
									A tornado demolished a barn 6 miles north northeast of Howard and a mile northwest of that location a tile chicken house was destroyed.
Neosho County	16	8:05p-8:15p	2 1/2	200		3			Severe winds.
									Tornadoic winds, but without a funnel, blew the entire roof off the water plant about a mile east of town. From the water plant east for 2 1/2 miles various damages to barns and outbuildings, trees, and highway signs were in evidence. Winds with gusts to 75 mph were recorded at the F.M.A. Station.
Neosho County	16	about 8pm							Severe winds.
									Severe winds of almost tornadoic violence caused minor damage west of Lake Parsons in south central part of county. The storm had the bound of a freight train but caused damage in only one location.
Wilson and Montgomery Counties	16	9:30pm			4				High wind and hail
									High winds caused considerable minor damage over southern Wilson and much of Montgomery County. A sudden gust of wind blew an outdoor movie screen down while the audience was watching the picture near Neodesha. A barn also near Neodesha was wrecked. Some power lines were broken by limbs falling on them. Hail and high wind pelted the area near Coffeyville.
Wyandotte County	16	late evening							(2)Electrical
									Lightning struck in two places. House furnishings and decorations were damaged at one home. At the other some roof damage resulted when lightning cracked into the house.
Greeley, Wallace, and Thomas Counties.	27								
									During a severe thunder storm condition over these counties; the following were reported.
		1:55p-2:00pm	8	*3					Hail
									Area around Sharon Springs pelted by hail 1/4 to 3/4 inch in diameter. Some young livestock hurt and wheat damaged to some extent. Ground was covered to a depth of 3 inches in some parts of the hailed area. Damaged path was from southwest to northeast.
		2pm							Funnel cloud
									A funnel cloud was observed for a short distance about 5 miles northeast of Sharon Springs. Path of travel was toward the northeast.
		3pm							(2)Funnel clouds.
									Two small funnel clouds were observed near Gen., about 6 or 8 miles east of Colby progressing northeast but neither touched ground.
		4pm							(2)Funnel clouds
									Two funnel clouds were observed for a short time about 20 miles northwest of Tribune. Neither was observed to come to ground and no damage was reported. Moved toward northeast.
		4:40p-5:15p	25	*2 to 8					Hail
									Severe hail varying in size from peas to large walnuts fell in a strip from near the Colorado line most of the way across the county. Path was slightly southeast; passing near and including damage at Tribune. Hail was 6 inches deep and stopped traffic on Highway # 96 which was later cleared of hail by road graders. Some areas hail fell slowly and without wind but in other parts screens and windows on all sides of the houses were broken. Much wheat was damaged but as it was early it had a good chance to come back.
Coffey County	27	Morning			1				Electrical
									A bolt of lightning struck near where a woman was closing a wire gate at a farm a few miles southwest of Waverly. The woman suffered burns and shock.
Thomas County	28	5am							Electrical
									Lightning struck a building near Colby but with only minor damage.
Franklin County	28	Afternoon							Electrical
									A barn was destroyed by fire which was started by lightning, 6 miles west of Richmond in southern part of county. Barn contained some hay and grain.
KANSAS (Cont'd)	April 1960								
Montgomery and Labette Counties	28	12:15p-12:40p							Electrical, hail and wind.
									Various damages were done in several parts of these counties by lightning and wind but no individually serious losses were reported.
Pawnee, Rice and Barton Counties	28	4:00p-4:20p	40	*10					Hail
									Wind driven hail ranging in size from marbles to golf balls stripped trees, broke telephone and power lines, damaged roofs, automobile, broke windows and ruined alfalfa and gardens. Locally hail was 4 to 6 inches deep. Hail was reported in several strips.
Sedgwick County	28	7:30p-7:50p	8	440		6			Tornado, funnel cloud, wind and hail.
									A tornado damaged and wrecked a number of houses and a church northwest of Wichita over a northeast path from 1 mile west and 2 miles south of St. Mark to one mile east and 1 south of Colwich. Trees were pulled up, transmission lines tangled, and rubble from buildings scattered wide. Injuries were the result of flying glass and boards. A number of cattle, chickens and hogs were killed. Attendant high winds and golf ball sized hail added to the damage. A few stones were 3 inches in diameter. A second funnel cloud that did not touch ground was sighted north of Tyler Airport at 7:44pm.
Wilson, Neosho and Crawford Counties	28	7:45pm-9:00pm	20	*3					Hail, electrical (2), and wind.
									A thunder storm (in Wilson County) progressing eastward across these counties left damage from heavy hail in the New Albany area in west central Wilson County. Some stones were baseball size. Roof, automobile, crop and greenhouse damage were reported. One home in Fredonia was a total loss from fire started by lightning. Minor damage from lightning was done to one house in Chamute. Heavy damage from hail and high wind occurred at both Hepler and Arcadia in Crawford County about 9pm.
Shawnee County	28	9:56pm			1				Electrical
									A house in southeast Topeka was struck by lightning. A large hole was punched in the roof, glass broken, walls cracked and appliances damaged.
Allen and Linn Counties	29	afternoon							Funnel cloud.
									A funnel cloud aloft was followed for about 30 miles in its north-eastward path from near Moran to Pleasanton.
Neosho County	29	3:07p							Tornado
									A small tornado with a distinct "black snake" like funnel touched down at the west side of Chamute damaging one building quite severely by tipping the roof off.
Osage County	29	9:00pm							Electrical
									A recently remodeled house in Quenemo was struck by lightning and completely burned by the resulting fire.
OKLAHOMA	April 1960								
Laverne, Harper County	12	?	?	?	0	3	4	0	Tornado
									Only information available was news article that indicated a house trailer was tipped over on a car destroying both vehicles. Two persons were reported sucked through the windows of the trailer.
20 Miles North of Ardmore, Carter County	13	11:14 p.			0	0	0	0	Funnel aloft
									Pilot reported funnel not touching the ground.
Chelsea, Rogers County	14	4:30 p.	?	?	0	0	?	?	Hail
									Hail up to one inch in diameter accumulated up to 2 inches on the ground. Details of the storm not obtainable.
Sperry, Tulsa County	16	4:40 p.	?	?	0	0	3	0	Tornado
									Oilfield operator reported sighting a tornado dip down and destroy outbuildings on a farm near Sperry.
Blackwell, Kay County	16	7:35 p.			0	0	0	0	Funnel aloft, hail, rain
									Farmer reported funnel 2 miles northwest of Blackwell. Storm had heavy rain, 1/2 inch hail.
Noble County	16	8:00 p.			0	0	4	?	Wind, hail
									Strong winds caused general damage over the county. Hail up to one inch in diameter caused variable damage to crops and gardens. Storm moved southeastward.
Waukomis, 4 miles west of Garfield County	16	8:05 p.	Short	50	0	0	0	0	Tornado
									Tornado dipped down momentarily, picked up motorist, turned auto around and dropped it in ditch. Storm moved northeastward.
Stillwater, Payne County	16	8:15 p.	5	1000	0	0	4	0	Funnel aloft, wind, hail
									Strong winds caused general damage over the city. Hail newly covered the ground. Stones measured up to one inch in diameter. Storm moved southeastward.

See reference notes with current data.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

DELAWARE DATA

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
<b>OKLAHOMA (Cont'd)</b>										
Oklahoma City, Oklahoma County	April 1960	8:45 p.			0	1	2	0	Wind	
Strong winds blew down a retaining wall built around construction in Oklahoma City. Woman was injured.										
Fort Sill, Comanche County	16	9:00 p.	?	?	0	0	5	0	Wind	
Frontal passage with winds up to 60 miles per hour caused damage to 4 aircraft parked on ramp at Post Field.										
Wynona to Barnsdall, Osage County	16	9:15 p.	?	?	0	0	?	?	Hail, wind	
Hail up to 3/4 inch in diameter was reported from the two communities. Damage was evidently light as no further information was noted. Strong winds of 50 to 60 miles per hour unroofed a house in the area.										
Bristow, Creek County	16	9:30 p.	?	100	0	0	4	0	Wind, hail	
Strong winds unroofed buildings, broke windows and blew down trees in the city. Light hail fell. A roar was heard but no funnel was sighted indicating a possible funnel aloft.										
Tulsa, Tulsa County	16	9:30 p.	9	500	1	2	5	0	Funnel aloft, wind, hail, rain, electrical	
Funnel aloft with strong surface winds caused extensive damage along a path across the City of Tulsa. Several people reported sighting funnel and a terrific roar was heard. Lightning struck a home, stunning 2 adults and resulting fire fatally burned a small child. Storm moved east-northeastward.										
Banset, Craig County	16	9:30 p.	1	100	0	0	3	0	Tornado	
Tornado damaged outbuildings on a farm near Banset. Storm moved eastward.										
Okmulgee, Okmulgee County	16	10:10 p.	?	?	0	0	4	0	Wind, rain	
Strong winds blew roof off house, destroyed a garage and blew down trees in southwest Okmulgee. Heavy rain fell during the storm.										
Big Cabin, Craig County	16	10:15 p.	3	200	0	2	4	0	Tornado	
Tornado moved eastward across four farmsteads 3 miles northwest of Big Cabin causing considerable damage to buildings. Injuries resulted from flying glass in one home.										
Clinton-Sherman AFB, Custer County	24	4:23 p.	?	?	0	0	0	0	Hail	
One inch hail was reported 1 mile northeast of the Air Base. Apparently no damage.										
Texas County	27	5:00 p.	40	*2	0	0	4	?	Hail	
Hail up to two inches in diameter covered the ground to 3 inches deep in spots in western and southern parts of Texas County. Crop damage ranged up to 100%. Storm moved southeastward into Texas.										
Dill City, Washita County	27	6:50 p.	12	4	0	0	5	5	Hail	
Heavy hail up to 2 1/2 inches in diameter caused extensive damage to property in the Burns Flat, Dill City, Correll areas. Crop loss light as this is a cotton area which had not been planted. Storm moved northeastward.										
Fairland, Ottawa County	28	Noon	?	?	0	0	?	?	Hail, wind	
Hail up to the size of golf balls caused extensive damage to wheat in the Hardeza to Fairland area. Property damage from hail and wind was also noted.										
Dewey, Custer, Blaine Counties	28	5:00 p.	35	*2	0	0	?	?	Funnel aloft, hail, wind	
Funnel aloft was sighted over north-central Custer County. Hail up to the size of golf balls and baseballs cut a path from near Putnam in Dewey County, across Thomas in Custer County to southwest of Watonga in Blaine County. Damage to wheat crop ranged up to 75%. Roof and auto damage was heavy in the area, especially in the City of Thomas.										
Eakly, Caddo County	28	6:18 p.			0	0	0	0	Funnel aloft	
Pilot and motorist reported funnel aloft over western Caddo County near Eakly.										
Watonga, Blaine County	28	7:00 p.	?	?	0	0	0	0	Tornado, funnel aloft	
Public reported two funnels southeast of Watonga, one touched ground briefly in open country.										
Ony, 1 1/2 miles southwest, Caddo County	28	p.m.	?	?	0	0	4	?	Tornado	
Tornado destroyed two farmsteads southwest of Ony. Funnel was described as one of the biggest ever seen by witnesses.										
Pocasset 2 miles south, Grady County	28	7:45 p.	?	200	0	1	4	?	2 Tornadoes	
Tornadoes moved east-northeastward damaging several farmsteads in their path. Family of seven was in a house that was demolished but only one boy received minor injuries. One witness described the storm as two small funnels dancing along together; another witness indicated the tornadoes traveled along, one right behind the other. This was probably the same two tornadoes, the first of which destroyed outbuildings and the second the house on a farmstead about 2 miles northeast of Amber. This tornado is believed to be the same one that was sighted just northeast of Anadarko in Caddo County which would make a path of about 25 miles long.										
<b>OKLAHOMA (Cont'd)</b>										
Pocasset 1 1/2 miles north, Grady County	28	7:45 p.	3	200	0	2	4	?	Tornado, hail	
Three farmsteads were nearly destroyed. Injuries resulted when west half of house was demolished. Storm moved eastward. Hail the size of golf balls caused up to 50% crop damage at spotted points.										
Pocasset, Grady County	28	7:45 p.	2	300	0	0	5	?	Tornado, hail	
Highway Patrolman sighted tornado move eastward across Pocasset. Outbuildings, roofs and trees were damaged. The funnel apparently lifted over the main part of the community. Hail the size of baseballs damaged roofs and broke windows. Nearly every home and building in the community will have to be recovered. About half of the damage was due to hail.										
Tuttle, Grady County	28	8:50 p.	1 1/2	200	0	1	5	0	Tornado	
Tornado bounced through Tuttle and nearby farmsteads moving east-southeast. Woman was injured when house was destroyed. About 45 to 50 houses were damaged, 4 houses destroyed, school roof damaged, east end of gymnasium torn off and many other buildings destroyed.										
Oklahoma City, Oklahoma County	28	8:55 p.	10	600	0	67	6	?	Tornado, wind, hail	
Severe thunderstorm moved eastward across the southern quarter of Oklahoma City with either one huge funnel just above roof-top level that dipped to the ground in scattered sections or several little funnels that caused destruction in a hit-and-skip fashion. Strong winds of near 100 miles per hour, heavy hail up to 2 inches in diameter, and heavy rain was all mixed together as the storm raged for about 30 minutes. Widespread destruction of homes, businesses, utilities, etc. was evident in varying degrees throughout the path as well as along fringe areas. Many persons narrowly escaped death and of the injuries only 7 were major. Damage was estimated at 4 million dollars, 60% from wind and 40% from hail. Hail path was over 2 miles wide. Only two homes were totally destroyed, 40 received major damage and 1500 minor damage. Many oil derricks were blown over in the southeastern portion of the City. Crops were destroyed but only few acres this area. Trees, gardens and shrubs suffered heavy damage.										
Antioch to 1 1/2 miles north of Moore, Cleveland County	28	8:58 p.	7	600	0	0	5	?	Tornado, hail	
Tornado destroyed or severely damaged several farmsteads, cemetery, small airport and several houses and businesses. Four hangars and 25 planes were wrecked at the South Shields Airport. Large hail destroyed crops, broke windows and damaged roofs and autos in the area. The storm moved east-northeastward.										
Moore, Cleveland County	28	9:05 p.	4	400	0	6	6	?	Tornado, hail	
Tornado destroyed a farmstead and radio tower southwest of Moore and then moved through the city. Extensive damage resulted. At least 12 buildings were badly damaged. Many outbuildings were destroyed. Heavy hail damaged crops, autos, windows and roofs. Storm moved northeastward.										
16 miles ENE of Oklahoma City, Oklahoma County	28	11:08 p.			0	0	0	0	Funnel aloft	
Public reported funnel aloft.										
Cromwell, 4 miles west Seminole County	28	11:45 p.	4	800	3	1	4	0	Tornado	
Tornado moved through rural area, completely destroyed one farmstead and caused considerable damage at several others. The deaths resulted in the destroyed farm home. The injury was in another farm home that was moved off its foundation. Trees and utilities suffered heavily in and around the path. Fringe area damage extended out about 2 miles on each side of the path. The storm moved northeastward.										
Lexington, 13 miles NE, Cleveland County	28	p.m.	?	?	0	0	?	0	Tornado	
Police sighted funnel aloft north of Furcoell that was believed to have dipped down 13 miles northeast of Lexington and destroyed an oil drilling rig.										
Blackwell, 1 1/2 miles north, Kay County	29	2:15 p.	?	?	0	0	0	0	Tornado	
Pilot reported small tornado touched ground. No further reports, evidently hit in open country.										
<b>PUEERTO RICO</b>										
Roosevelt Roads	April 1960	21	4:52 p. to 4:58 p.						Funnel Cloud	
A funnel cloud was observed to the west of the Naval Station moving toward the northeast. No damage, injuries or deaths reported.										
Southeastern Corner	25-24-25				5	2	3	C	Flood	
As a result of heavy rainfall in the southeastern portion of Puerto Rico on the 23rd and 24th, the Guayama and Guayanés Rivers overflowed their banks and damaged crops, mostly sugar cane and caused one death (unconfirmed) as a result of drowning. The heavy rainfall caused damage to roads, landslides which blocked roads and two deaths as a result of the landslides. The muddy condition of the fields halted the sugar cane harvest for several days.										

See reference notes with current data.

# 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	
PUERTO RICO (Cont'd)	April 1960								
Roosevelt Roads	29	9:45 a. to 10:00 a.							Waterspout
	Waterspout observed to the northeast of the Naval Station, over water, moving toward the northeast. No damage, injuries or deaths reported.								
Hawaii	May 1960								
	13	8:00 pm			0	0	5	5	Intense thunderstorms with hail and local flooding
	14	-Noon							
KANSAS	May 1960								
Sedgwick County	28	4:15 pm - 5:00 pm	8	8			4	3	Hail
	Hail from golf ball size to that of baseballs fell over an area 8 miles square near Clearwater in Southern Sedgwick County. The ground was not covered by the stones.								
Cowley County	28	6:00 pm	3	4			4		Wind squall and funnel cloud.
	A severe wind with one funnel cloud that did not touch ground occurred northwest of Winfield. A number of farm buildings were badly damaged including a large barn which was unroofed and the debris scattered over a considerable area. Storm moved from southwest to northeast.								
OKLAHOMA	May 1960								
Woodward and Woods Counties	3	5:00 and 6:00 pm	40	3 1/2	0	0	5	7	Hail
	Two hailstorms hit the area about an hour apart. The hailstones ranged up to 3 and 4 inches in diameter. Heaviest damage was in the Woodward area as the storm reached from Ft. Supply through Woodward and extended to the Chimney Creek area of Woods County. Wheat was in the boot stage and was not believed damaged too badly. The storm moved eastward.								
Beckham, Washita and Kiowa Counties	3	6:00 pm	7	7	0	0	4	5	Hail
	Hail, mostly the size of golf balls up to 3 inches in diameter, covered the ground in a large portion of eastern half of Beckham, extreme western Washita and extreme northwestern Kiowa Counties. Greatest damage to property and crops was in a 5-mile long by 1/2-mile wide path at Carter in Beckham County.								
Woodward, 6 miles southeast, Woodward County	3	7:30 pm	1/2	100	0	0	0	0	Tornado
	Small but well-developed tornado was observed moving eastward through open country.								
Nowata, 6 miles north, Cleveland County	3	10:05 pm			0	0	0	0	Funnel, hail
	Highway Patrol reported unconfined tornado. Evidently remained aloft as no further reports received. Small hail with few stones up to golf ball size fell in parts of southern Oklahoma County about 8:00 p.m.								
Frederick, Tillman County	3	11:00 pm			0	0	0	0	3 Funnels aloft
	Police department sighted 3 tornado funnels in the immediate vicinity of Frederick.								
Grandfield, 7 miles southwest, Tillman County	4	5:40 pm	1	7	0	0	3	0	Tornado
	Tornado damaged a house and uprooted 1/2 mile row of trees on a farm southwest of Grandfield. Storm moved northeastward. This tornado was sighted by a farmer located 3 1/2 miles south of Grandfield. It appeared to be about 4 miles west of him and was evidently above the ground because no further damage was reported.								
Grandfield, 3 1/2 miles south, Tillman County	4	5:45 pm	1	50	0	0	3	0	Tornado
	Outbuildings were destroyed or damaged on a farm south of Grandfield. Storm moved northeastward.								
Nowata, Nowata County	4	6:00 pm			0	0	3	0	3 Funnels aloft, wind
	Civil Defense spotters sighted 3 funnels in the vicinity of Nowata. Funnels were moving generally northeastward.								
Walters, Cotton County	4	6:00 pm	4	150	0	0	4	0	Tornado
	Tornado cut across the western edge of Walters causing damage at airport, fairgrounds, rodeo arena, and park. Storm moved north-northeastward.								
Richards Spur, Comanche County	4	6:30 pm	7	7	0	0	3	4	Tornado
	A barn was unroofed 1 1/2 miles southwest of Richards Spur and 2 trailer houses were destroyed just south of the community. Mother and 2 children were injured in one of the trailers. A woman in the other trailer only slightly bruised. Storm moved northeastward.								
Temple, Cotton County	4	6:43 pm	7	7	0	0	0	0	Tornado
	Highway Patrol reported tornado south of Temple. Evidently struck in open country as no further reports received.								
Letitia, Comanche County	4	6:45 pm	7	7	0	0	3	0	Tornado
	A tornado destroyed outbuildings and unroofed a house on 3 different farms south and northeast of Letitia in eastern Comanche County. Storm moved northeastward.								
OKLAHOMA (Cont'd)	May 1960								
Marlow, 3 miles southeast, Stephens County	4	7	7	7	0	0	4	0	Tornado, winds
	Tornado moved aloft about 6 miles southwest of Marlow and caused considerable damage at a service station. Concrete blocks were blown nearly 100 yards. A barn and outbuildings on two farms were destroyed in the area. Farther northeast the tornado touched down, lifted a house from its foundation and caused considerable damage. Outbuildings were damaged on several farms as the storm moved northeastward.								
Lindsay, Garvin County	4	7:00 pm	7	7	0	0	4	0	Wind, rain
	Strong winds damaged a new supermarket, utilities, trees and outbuildings.								
El Reno, Canadian County	4	7:55 pm			0	0	0	0	Funnel aloft
	Funnel was sighted just southeast of El Reno moving northeastward.								
Oklahoma City, Oklahoma County	4	7:55 pm	7	7	0	1	4	0	Wind
	Strong winds that reached 60 miles per hour caused general damage over the City. Women was injured when wind blew her into some parked cars on city street.								
Noble, Cleveland County	4	7:45 pm	1 1/2	50	0	0	3	0	Tornado
	Cafe was unroofed and trees were damaged in Noble. Believed the same tornado damaged a farmstead 5 miles to the northeast where outbuildings were destroyed and many large trees were twisted.								
Oil Center, Pontotoc County	4	7:45 pm	15	7	0	6	5	0	Tornado
	Tornado moved through the Oil Center community 12 miles northwest of Ada. Five persons of one family were injured when their house was destroyed. Three homes were destroyed and 12 received major damage. Highway Patrolman described the tornado as a big wedge-shaped funnel with a small funnel aloft that looked like a snake's tail. The storm moved northeastward.								
Bethany, Oklahoma County	4	7:55 pm	5	400	0	4	6	0	Tornado
	Tornado cut a path of destruction from northwest 10th Street, through Bethany to Tulakee Airport. At least 26 homes were badly damaged and 12 were destroyed. The new Terminal Building at Tulakee Airport was badly damaged. Injuries resulted from flying debris when homes were demolished. The storm moved northeastward.								
Konawa, west and north, Pottawatomie and Seminole Counties	4	8:05 pm	7	7	0	0	5	0	Tornado
	Tornado traveled from 2 1/2 miles west of Konawa to 6 miles north of Konawa and was observed to have traveled several more miles on the ground to the northeast. Four farmsteads were almost completely destroyed. All residents took refuge in storm cellars.								
Pittsburg County	4	8:20 pm			0	0	0	0	2 Funnels aloft, wind, hail
	Funnel aloft was sighted by public just west of Klaw, and at about 9:30 p.m. a Naval Depot Patrol southwest of McAlester spotted another funnel. Strong winds near 70 miles per hour caused minor damage in the area and small hail was also reported.								
Crescent, 12 miles southwest, Logan County	4	8:20 pm			0	0	0	0	Funnel aloft
	Funnel aloft was sighted by spotter.								
Soper, Choctaw County	4	9:16 pm	4	150	0	3	5	0	Tornado
	A block-wide path was out of the center of the community as the tornado moved across from south to north. Between 75 and 100 homes and buildings were destroyed or damaged. Injuries resulted from flying debris. Most people received warning and were in storm cellars. One farm just south and one farm just north of Soper were destroyed. One farmer had 11 head of cattle killed. The funnel lifted a few miles north of Soper and turned northeast. It is believed that it struck 2 farms again near Snow in Pushmataha County where outbuildings and trees were damaged.								
Sapulpa, Creek County; Tulsa, Tulsa County	4	9:30 pm	7	7	0	3	5	0	Wind
	Winds up to 85 miles per hour caused widespread damage and destruction across the two-city area. The injuries resulted when the front of a cafe was destroyed. A lumber company was destroyed with an estimated loss of \$50,000. Two airplanes were blown from their moorings and about \$5,000 damage resulted. A home was destroyed and another damaged in Sapulpa. Utility lines and trees were hard hit. The storm moved northward.								
Marlow, Stephens County	5	1:20 pm			0	0	4	4	Funnels aloft, hail, wind
	Two funnels aloft were reported during a severe thunderstorm that included damaging winds and variable hail damage to property and crops.								
Frederick, Tillman County	5	1:58 pm	7	7	0	0	0	0	Tornado, funnel aloft
	Highway Patrol reported tornado touched down in open field south of Frederick moving north-northwestward. No damage was reported and it is presumed that the funnel remained on the ground only a short time. A second funnel was sighted in the area moving eastward.								

See reference notes with current data.



# 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	
OKLAHOMA (Cont'd) Fillman, Cotton and Comanche Counties	May 1960	?	?	?	0	0	5	5	Hail, 2 funnels aloft
Fort Sill, Comanche County	5	2:35 p.			0	0	0	0	Funnel aloft, hail
Wallville, Carvin County	5	2:45 p.	8	200	0	0	4	4	Tornado, funnel aloft, hail
Corbett, Cleveland County to Sand Springs, Tulsa County	5	3:00 to 6:00 p.	110	400	0	1	5	4	Tornado, hail
Shawnee, Pottawatomie County to Tulsa, Tulsa County	5	5:00 to 7:00 p.	85	800	5	81	6	7	Tornado, hail
Norman, Cleveland County	5	5:03 p.			0	0	0	0	2 Funnels aloft, hail, rain
Velma, Stephens County	5	6:00 p.	?	?	0	0	4	7	Funnel aloft, wind, hail, rain
Henryetta, Okmulgee County	5	6:00 p.	?	?	0	0	5	?	Hail
Moalester, Pittsburg County	5	6:07 p.	3	500	0	0	4	0	Tornado
OKLAHOMA (Cont'd) Hoffman, Okmulgee County	May 1960	5	0:16 p.						
Hoffman, Okmulgee County	5	6:16 p.	3/4	160	1	16	5	0	Tornado
Crowder, Pittsburg County	5	6:20 p.	20	*3/4	0	0	4	4	Hail, wind
Muskogee, Muskogee County	5	6:30 p.	7	?	0	0	5	0	Funnel aloft, hail
Janesville, Muskogee County	5	6:30 p.	5	100	0	0	4	3	Tornado, hail
Vinita, Craig County through Ottawa County	5	6:30 p.	35	500	0	2	6	4	Tornado, hail
Wynnewood, Garvin County	5	7:00 p.	5	?	0	0	4	0	Tornado, wind
Wilburton, Latimer County to Keota, Haskell County to southwest of Sallisaw in Sequoyah County	5	7:10 p.	50	200	16	106	6	4	Tornado, hail, rain
Checotah, 11 miles southeast, McIntosh County	5	7:10 p.	15	200	2	6	5	0	Tornado
Wagoner, Wagoner County	5	7:20 p.	5 1/2	200	0	0	5	0	Tornado
Tiawah, Rogers County	5	7:30 p.	?	?	0	0	3	0	Tornado
Moffet, Sequoyah County	5	7:40 p.	4	?	1	0	4	0	Tornado

See reference notes with current data.

# 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	
OKLAHOMA (Cont'd)	May 1960								
Roland, Sequoyah County	5	7:40 p.	5	?	5	13	5	0	Tornado
			Tornado moved northward from just south of Highway 64 to just east and northeast of Roland. Two men were injured when tornado picked up truck from highway and blew it 300 yards into field. The deaths (mother and 4 children) and 6 of the injuries were from one family when home was destroyed. Other injuries resulted when homes were destroyed or damaged.						
Helling, Cherokee County	5	8:40 p.	4	?	0	0	4	0	Tornado, rain
			Tornado traveled mostly just above the ground. Several houses and two stores were damaged. The storm took a great toll of trees in its path as it traveled northward.						
Eufaula, McIntosh County	5	8:50 p.	1	400	0	0	4	0	Tornado
			Tornado dipped down at the southwest to center of the city and again at the northeast edge. Over a dozen homes and buildings were damaged or destroyed.						
Cedar Crest, Hayes County	5	9:00 p.	6	?	0	0	5	0	Tornado
			Tornado moved through the summer cabin area of the Cedar Crest Country Club where a dozen cabins were damaged, 3 houses, a church, school, and store were destroyed. Auto was picked up and carried 75 feet, driver was not injured. Outbuildings and trees received extensive damage.						
Bokoshe and Tucker, LeFlore County to Atkins, Sequoyah County	5	9:30 p.	25	?	1	0	5	0	Tornado
			Tornado destroyed 17 homes and damaged near 50 in Bokoshe. Several more homes and buildings were destroyed in Tucker. The tornado continued its north-northeastward path, destroyed two homes near Gans and two more near Atkins. A woman was killed in a home near Atkins. Many miraculously escaped injury.						
Westville, Adair County	16	10:15 a.			0	0	2	0	Funnel aloft, wind, rain
			Funnel aloft was sighted 4 miles north of Westville. Minor wind damage was noted. Storm moved north-northeastward into the Siloam Springs, Arkansas area.						
Oklahoma City, Oklahoma County	16	5:45 p.	5	*4	0	0	6	0	Hail
			Large hail, mostly the size up to tennis balls but some 5 inches in diameter, fell over northern half of Oklahoma City with variable smaller sizes over other sections of the City. Roof and auto damage was extensive. Most homes and businesses needed new roofs as a result of the storm. Damage was estimated at \$2,500,000.						
Harenee to Jennings, Pawnee County	16	5:45 p.	15	2	0	0	4	?	Hail
			Hail up to 2 inches in diameter covered the ground in places in the Harenee, Jennings, Hallett area. Roofs and autos were damaged and windows were broken. Storm moved southeastward. Only light damage to crops resulted.						
Chickasha, Grady County	16	7:00 p.	?	?	0	0	5	0	Hail
			Heavy hail with stones up to 3 inches in diameter but mostly the size of golf balls caused considerable damage to roofs, autos and windows in Chickasha. Greenhouses were especially hard hit.						
Hayburn Lake, Creek County	16	8:15 p.	?	?	0	0	0	0	Tornado
			Highway Patrol reported tornado struck the ground only short period in vicinity of Hayburn Lake. No damage was reported.						
Newcastle, McClain County	17	8:08 p.	?	?	0	0	0	0	Hail, wind
			Off-duty weather observer reported hail up to 1 1/2 inches in diameter and winds up to 65 miles per hour 3 miles northwest of Newcastle. No damage was reported.						
Hennessey, 10 miles southwest, Kingfisher County	17	9:05 p.	?	?	0	0	0	0	Tornado
			Public reported a small tornado hit in open country.						
Orlando, Payne County	17	10:30 p.			0	0	0	0	Funnel aloft
			Civil Defense minutes later reported a funnel 2 miles north of Orlando. A few minutes later the Stillwater Police sighted a funnel just north of that city.						
Eufaula, McIntosh County	18	7:00 a.	?	?	0	3	4	0	Wind
			Strong winds estimated at 90 miles per hour tipped over 3 trailer houses at the south edge of Eufaula. Three occupants were injured. A barn was blown down a mile northeast of Eufaula. General light damage to buildings, trees, windows, etc. was noted over the city.						
Velma, Stephens County	18	2:00 p.	5	*2	0	0	4	0	Hail
			Hail up to 1 1/2 inches in diameter fell just a few minutes causing roof damage in and around Velma. Small hail was reported over most of the rest of the county. Storm moved northeastward.						
Oklahoma City, Oklahoma County	18	2:25 p.			0	0	0	0	Funnel aloft, hail
			Public reported funnel cloud 4 miles northeast of Oklahoma City. Marble sized hail fell over northern portions of the City.						
OKLAHOMA (Cont'd)	May 1960								
Pauls Valley, 4 miles northwest, Garvin County	18	3:15 p.	?	50	0	0	3	0	Tornado
			Tornado destroyed a barn and windmill 4 miles northwest of Pauls Valley. Storm moved southeastward. Believed same tornado was sighted west of Stratford, probably aloft as no damage reported.						
Wynnewood, Garvin County	18	Afternoon	?	?	0	0	?	0	Hail
			Some large hail up to 6 1/2 inches in circumference caused minor damage in the Wynnewood area.						
Oakland, Marshall County	18	4:00 p.	1	100	0	0	0	0	Tornado
			Funnel was first spotted aloft 5 miles southwest of Oakland moving northeastward. It touched down in open country just north of Oakland.						
Tulsa, Tulsa County to Catoosa, Rogers County	18	5:00 p.	?	?	1	0	4	0	Wind
			Strong winds up to 75 miles per hour caused damage to at least 3 business buildings, 2 homes, outbuildings and utilities in the Tulsa area. A man was killed in his auto when wind picked up a large plywood cement form that brushed the top of the auto at a cement plant near Catoosa.						
Claremore, 4 1/2 miles west, Rogers County	18	5:00 p.	1	narrow	0	0	4	0	Tornado, wind, rain
			Tornado severely damaged a farm home and uprooted several trees. Strong winds did considerable general damage in the area. Storm moved northeastward.						
Ramona, Washington County	18	5:30 p.	?	?	0	0	3	0	Tornado
			Tornado damaged a store and service station on the south edge of Ramona. Outbuildings were damaged on two farmsteads near Ramona.						
Hartshorne, Pittsburg County	18	6:15 p.			0	0	0	0	Funnel aloft, rain
			Public observed funnel aloft. Heavy rain up to 5 inches caused local flooding in the area.						
Chocotah, McIntosh County	18	6:27 p.			0	0	0	0	Funnel aloft
			Funnel aloft was reported northeast of Chocotah.						
Humphreys, 4 miles southeast, Jackson County	18	6:43 p.	?	?	0	0	0	0	Tornado
			Deputy Sheriff observed tornado hit in open country.						
Fort Sill, Comanche County	18	7:57 p.			0	0	0	0	Funnel aloft
			Funnel observed northwest of station moving northeastward.						
Crescent, Logan County	18	9:00 p.	4	*3	0	0	?	?	Hail
			Hail caused considerable damage to buildings and crop loss ranged up to 100 percent over a 500-acre area just east of Crescent. At least 12 farms were affected. No estimate of damage was obtainable.						
Whitesboro, LeFlore County	18	9:20 p.			0	0	3	3	Funnel aloft, wind, rain
			Funnel aloft was sighted as gale-like winds damaged at least three farmsteads just east of Whitesboro. Many trees were twisted and broken. Over 4 inches of rain fell in the area. Flooding resulted, damaging some crops and some livestock was lost. Storm moved northeastward.						
Vian, Sequoyah County	18	p.m.			0	1	0	0	Electrical
			Lightning struck and injured a youth in storm cellar.						
Southeastern Third of State	18	Afternoon and evening			0	0	?	?	Rain
			Heavy rains of up to 9 inches fell over a large portion of the area. Heaviest amounts were reported in Labmer County where the public water and gas supply were washed out in Wilburton. A railroad bridge was washed out south of Eufaula and a highway bridge collapsed south of Holdenville. Roads, small bridges, culverts, etc. were washed out and/or damaged. Farm lands were badly washed damaging crops and soils. Many cattle and hogs were lost in the flood waters.						
Robart, Kiowa County	19	p.m.	?	?	0	0	0	4	Hail
			Hail damaged nearly-ripened wheat up to 90 percent. The most destructive areas were restricted to just a few sections southwest of Robart.						
Anadarko, Caddo County to Dutton, Grady County	19	4:00 p.	?	?	0	0	3	0	2 Tornadoes
			Two tornadoes were reported on the ground southeast of Anadarko. Next reports indicate single tornado north of Verden moving north-northeastward. A store and cotton gin were damaged at Dutton and northeast of Dutton most of the damage was to outbuildings.						
Blanchard, McClain County	19	4:15 p.			0	0	0	0	Funnel aloft, hail
			Funnel aloft was reported by local police. Quarter-inch hail covered the ground. Storm moved east-southeastward.						

See reference notes with current data.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

RELAYED DATA

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd)	May 1960								
Moore, Cleveland County	19	4:25 p.	?	?	0	0	4	0	Tornado
									Tornado that looked like a large dust devil unroofed a house and damaged 2 others in Moore.
Duncan, Stephens County	19	4:50 p.	?	?	0	0	0	0	Tornado
									Tornado was reported 2 miles east of Duncan. Evidently struck in open country as no further data reported.
Tillman, Cotton, and Comanche Counties	19	5:20 p.	27	*14	0	0	5	5	Hail
									Heavy hail up to 1 1/2 inches in diameter nearly covered the ground over a large area of eastern Tillman, western Cotton, and southern Comanche Counties. Extensive property and up to 100 percent crop loss resulted to nearly-ripened wheat.
Tulsa, Tulsa County	19	8:35 p.	?	?	0	0	0	0	Tornado
									Tornado dipped down in open area in Tulsa.
Nowata, Nowata County	19	6:55 p.			0	0	0	0	Funnels aloft, wind
									Civil Defense spotters reported sighting 3 different funnels in the area. Strong winds caused general minor damage.
Foyil, Rogers County	19	7:00 p.	4	50	0	0	4	0	Tornado
									A night club was unroofed and outbuildings were damaged 2 1/2 miles west of Foyil. Trees were uprooted and utilities damaged. Storm moved northeastward.
Boynton, Muskogee County	19	7:20 p.	?	?	0	0	3	0	Tornado
									Tornado dipped down momentarily causing damage to a house and barn on the west edge of Boynton.
Porter, Wagoner County	19	7:22 p.	?	?	0	0	0	0	Tornado
									Tornado reported to Tulsa Weather Bureau. No further details obtainable. Evidently no damage resulted.
Pryor, 7 miles west, Mayes County	19	7:30 p.	?	?	0	0	0	0	Tornado
									Tornado was reported to have touched down in open country.
Miami, Ottawa County	19	8:18 p.			0	0	3	0	Funnel aloft, wind
									Highway Patrol reported funnel south of Miami. Strong winds caused minor damage in the area.
Konawa, Seminole County	19	8:35 p.			0	0	0	0	Funnel aloft
									Funnel reported moving northeast.
Sallisaw, Sequoyah County	19	8:50 p.	?	?	0	0	0	0	Tornado
									Evidently moved through open country just south of Sallisaw as there was no damage reported.
Cleveland County	19	10:40 p.			0	0	0	0	Funnel aloft
									Police sighted funnel in extreme northern Cleveland County south of Oklahoma City.
Francis, Pontotoc County	19	10:42 p.			0	0	0	0	Funnel aloft
									Several persons reported sighting funnel.
Broken Arrow, Tulsa County	19	11:20 p.	?	?	0	0	0	0	2 Tornadoes
									Two tornadoes were sighted in Arkansas River bottom south of Broken Arrow. Funnels lifted and moved northeastward. No damage reported.
McAlester, 8 miles southwest, Pittsburg County	19	11:45 p.			0	0	0	?	Funnel aloft, hail
									Funnel was reported by observer. Spotted hail damage to orchards in the western half of the county was noted.
West of State	19	p.m.			0	2	?	0	Wind, rain
									Severe squall line with strong winds 70 to 100 miles per hour struck parts of western sections and moved across most all of central and eastern areas of the State. Widespread general damage and destruction was reported. An oil derrick was blown down in Oklahoma City and a radio broadcasting tower was toppled in Shawnee. A heavy toll of damage resulted to outbuildings, roofs, windows, TV antennas, trees, signs, utility lines, etc. Heavy rain up to 3 inches fell in many sections. Man was injured by flying glass in Tulsa and a boy lost a finger when wind slammed a door in Miami.
Frogville, Chiotaw County	20	?	?	?	0	0	3	0	Tornado
									Tornado damaged three homes in Frogville early A.M.
Idabel, McCurtain County	20	6:00 a.	3/4	100	0	0	3	0	Tornado
									Several homes were damaged in the Yashou community east of Idabel. Many trees were uprooted and twisted. Storm moved east-northeastward.
Pawhuska, Osage County	20	5:55 p.	?	?	0	0	0	0	Hail
									Hail up to 1 1/2 inches in diameter fell over an area from Burbank to Pawhuska. No damage was reported.
OKLAHOMA (Cont'd)	May 1960								
Eldorado to Altus, Jackson County	25	p.m.	?	?	0	0	?	?	Hail
									Hail up to the size of golf balls fell over an extended area from Eldorado to Altus. Crop damage to ripened wheat ranged from 10 to 100 percent. Only a few large stones fell in the Altus area.
Carnegie, Caddo County	25	6:30 p.	?	?	0	1	4	0	3 Tornadoes
									Three tornadoes about one mile apart were sighted in the Carnegie-Fort Cobb area. One destroyed a peanut warehouse and damaged three homes at the southwest edge of Carnegie. Flying timbers from the warehouse struck one of the homes and injured a woman.
Newcastle, 2 miles northwest, McClain County	25	8:30 p.	1 1/2	30	0	0	1	0	Tornado
									Weather Bureau employee heard thornado tearing up trees along ravine. He later inspected the area. A chicken house was destroyed.
Duncan, 5 1/2 miles west, Stephens County	25	p.m.	?	?	0	0	2	0	Tornado
									Tornado that had the appearance of a giant whirlwind damaged a farmstead. A neighbor watched funnel as it moved southward.
Ringwood, Major County	24	8:30 p.			0	0	4	0	Electrical
									Lightning caused fire which burned hardware store.
Yale, Payne County	24	10:53 p.			0	0	0	0	Funnel aloft
									Reported by Highway Patrol.
Keefeton, Muskogee County	27	4:45 p.	?	?	0	0	0	0	Hail
									Hail up to 1 1/2 inches in diameter was reported in the area. Evidently only few stones fell as no damage was reported.
Harper County	27	5:00 p.	18	*5	0	0	4	5	Hail
									Severe hailstorm with stones up to 2 1/2 inches in diameter caused extensive damage to property and crops in a north-south path in the center of the county. Crop loss ranged up to 100 percent and considerable property damage was noted.
Beaver, Beaver County	27	6:10 p.			0	0	0	0	Funnel aloft
									Pilot reported funnel cloud 55 miles northwest of Gage.
Kingfisher, 5 miles northeast, Kingfisher County	27	9:35 p.	?	?	0	0	3	0	Tornado
									Barn and steel grain bin were destroyed. Trees were uprooted.
Woods and Alfalfa Counties	28	4:00 p.	35	6	0	0	5	6	Hail, tornado, wind, rain
									Heavy hail up to the size of tennis balls caused extensive damage to property and crops in three major areas. Hardest hit was the area from Avard through Eopeton, Daonna and Lambert to Jet. Holes were drilled in corrugated roofs by the large hail. A tornado touched down in open country east of Daonna. Heavy rains measured up to 4 inches in the area. Strong winds caused general damage to roofs, windows, trees, TV antennas, etc. Another strip of mostly hail damage was noted north of Alva. This strip was 4 miles wide and 40 miles long. The other area was in southern Cherokee County from Alina through McWillis to Blena. Storm moved southeastward.
Gate, Beaver County	28	4:10 p.	?	?	0	0	?	?	Hail
									Hail chunks up to 1 1/2 inches in diameter dented autos and caused minor crop loss in the Gate area.
Waukomis, Garfield County	28	7:10 p.	6 1/2	*2 1/2	0	0	4	5	Hail
									Heavy hail mostly 1 1/2 inches in diameter but some chunks as large as baseballs destroyed crops and damaged property northwest to southeast of Waukomis.
Enid, Garfield County	28	7:35 p.			0	0	0	0	Funnel aloft
									Weather Observer at Vance Air Force Base sighted funnel 5 miles south moving southeastward.
Dewey and Blaine Counties	28	8:30 p.	?	?	0	0	5	4	Wind, hail, rain
									Severe thunderstorms with strong winds damaged 5 houses in Oakwood, uprooted trees and damaged houses in Geary and an oil drilling rig was blown over 3 miles southwest of Watonga. Roof and tree damage was general over the county. Heavy hail destroyed crops south of Hitchcock. Over 2 inches of rain washed newly planted cotton fields. Storm moved southeastward.
Kingfisher, Kingfisher County	28	9:00 p.	?	?	0	0	4	0	Wind
									Strong winds caused extensive damage to homes, business buildings, trees, windows, utilities, etc. additional damage was noted in eastern sections of the County. An oil rig was blown over north of Cashon and a store was unroofed in the city. Storm moved southeastward.
Perry, Nowata County	28	9:00 p.			0	0	0	0	2 Funnels aloft
									Citizen sighted funnels moving eastward just north of Perry.
El Reno, Canadian County	28	?			0	0	0	0	Funnel aloft
									Citizen reported to police that funnel was sighted south of city.

See reference notes with current data.

# 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	
<b>OKLAHOMA (Cont'd)</b>									
May 1960									
Custer, Custer County	28	9:30 p.	?	?	0	0	2	0	Tornado
Funnel dipped down on a farm 4 miles west of Custer. A corral and steel granary were destroyed. Storm moved eastward.									
Guthrie, Logan County	28	9:30 p.	?	?	0	0	3	0	Wind
Strong winds caused general damage to outbuildings, trees, utilities, etc. from 3 miles southwest to 7 miles northeast of Guthrie and across the southeast edge of the city.									
Cushing, Payne County	28	9:30 p.	?	100	0	0	4	0	Wind
Roof of a gymnasium was damaged and a garage destroyed 1½ miles northwest of the city. Storm moved northeastward.									
<b>U.S. VIRGIN ISLANDS</b>									
St. Thomas & St. John									
May 1960									
8									
0 Several									
5 0 Flood									
As a result of heavy rain on Saturday, May 7 and Sunday, May 8, 1960 floods occurred on St. Thomas and St. John, Virgin Islands. At several stations on St. Thomas the rainfall during the two day period exceeded 15.00 inches. Principal damage was to roads, trails, storm sewers, cisterns, houses and merchandise in stores in the flooded area. Flight operations at Truman Field were interrupted when flood waters rose to one foot over the runway and the hangar flooded. A contributing factor to the flooding was the fact that storm sewers quickly became clogged with mud and were unable to handle the flow of water. No deaths were reported but some sources claimed several injuries (unconfirmed).									
<b>INDIANA</b>									
June 1960									
Gibson County	29	afternoon	?	?	0	0	3	3	Funnel cloud, hail, wind
Funnel cloud was seen near Fort Branch, wind damage occurred at Oakland City, and Princeton had heavy rain. Some hail damaged windows, crops and convertible car tops.									