

A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Storm Data

**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
ENVIRONMENTAL DATA SERVICE

MAY

1971

Volume 13

No. 5

Asheville, N.C.

1971

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
Alabama Mobile County, Baldwin County	8	12:30-1 p.m.	--	--	0	0	4	0			Wind
											Wind damaged several buildings at Mims Park in Mobile, uprooted a few trees and blew down power lines at Mobile. A house trailer was destroyed at Grand Bay. Several houses and building at Daphne had roof damage and trees were damaged.
Geneva County	8	Afternoon			0	0	5	3			Wind
											A severe thunderstorm moved eastward across county with damage in several communities. Several barns and storage buildings near Oak Grove damaged, a movie screen at Geneva damaged, a modular home plant and funeral home at Hartford damaged, trees uprooted and power lines down in many areas.
South and Central Alabama	12	11 a.m.-2 p.m.			1	3	5	4			Wind, hail, electrical
											Severe thunderstorms caused local damage over widespread area extending from Tallapoosa County southwest to the coast and south to the Florida border. In Atmore, 2 persons injured when 8 house trailers were damaged or overturned. One person injured near Tuskegee. One person killed by lightning while fishing below Millers Ferry Lock and Dam. Numerous house trailers damaged or overturned, several barns and outbuildings destroyed or damaged, minor damage to many houses and other buildings, hundreds of trees uprooted or broken off, damaging power lines. Golf ball size hail fell briefly in Russell County with damage negligible. All damage due to wind. Death due to lightning.
Lauderdale County, Waterloo	25	9 p.m.	--	--	0	0	4	0			Wind
											One house trailer demolished and 1 house a block away damaged. About 4 miles east of Waterloo 25 to 30 large trees uprooted along a 1 mile path.
Alaska											None reported
Arizona Phoenix & Casa Grande	12	4:15 p.			7	25	5	0			Duststorm
											Strong winds and very dry soil conditions combined to produce an unusually heavy duststorm. Visibility on a section of Interstate 10 near Casa Grande was suddenly reduced to near zero by heavy dust, causing a number of cars and trucks to collide in chain reaction accidents. Six persons were dead at the scene and one died later in the hospital.
Tucson	17	4:00 p.			0	2	4	0			Dust devil
											A large dust devil overturned a house trailer and injured its occupants. The trailer landed on an automobile which was extensively damaged.
Arkansas Siloam Springs - Benton County	5	9:00 p.									Funnel aloft
											A funnel cloud aloft was sighted 10 miles south of Siloam Springs.
Northern Half of Arkansas	6										
											Two periods of severe, or near severe, weather took place in the northern half of Arkansas on this date. High winds with some hail took place in the central counties during the forenoon. By early afternoon the area of unstable weather moved eastward to east-central Arkansas.
											12 hours later a second wave of instability struck the west-central counties. Following, were the most violent conditions.
Cabot - Lonoke County	6	Noon					4				Wind
											One trailer overturned and demolished along with a trailer-camper and a barn roof during a brief period of wind and heavy rain.
Forrest City - St. Francis County	6	12:55 p.									Funnel aloft
											Funnel observed nearly touching the ground in a field near Interstate 40 highway in Forrest City.
Mena - Polk County	6	10:00 p.	2	1 (mild)			3	3			Hail and wind
											A 30 minute hail storm damaged roofs, trees and gardens including strawberries, vegetables and plants. Hail described as from "thumb-size to slab-size".
Tollette - Howard County	10	1:00 a.	1	200							3 Hail/Wind
											1 to 2 inch hail severely damaged gardens and some roofs.
Oak Haven - Hempstead County	10	1:22 a.	20	300			3	5	3		Tornado
											A tornado path, intermittently on the ground began around Bright Star and Tollette in Howard County and traveled east-southeastward to Oak Haven. Major damage was in the Oak Haven area where a total of four industrial plants were damaged along with 2 trailers, 1 car and a hay barn. Parents and a son were injured when trailer demolished in Oak Haven vicinity. Another short windstorm path with minor damage took place from De Ann southeastward for 1 to 2 miles.
Northwest Arkansas	22										
Arkansas (continued)											
											Early morning severe thunderstorms hit Benton and Washington Counties. Hardest hit areas as follows:
Pear Ridge National Military Park - Benton County	22	4:00 a. to 4:30 a.					2	3			Wind
											Man and wife injured when house trailer overturned. Also boat docks damaged nearby on Beaver Reservoir.
Springdale - Washington County	22	5:00 a. to 5:30 a.						5			Wind
											Lumber Company in Elmdale section of Springdale heavily damaged. Also, boat dock damaged Elmdale. Drive-in theater on Highway 71 damaged.
Oark - Johnson County	23	6:30 p.	12-15	200				4			Tornado
											Tornado moved from west to east touching down along the Johnson-Franklin County line west of Oark and traveled eastward near or along the Mulberry river hitting near Oark and Catalpa with associated minor wind damage at Salas and Ozona. Damage mostly to timber, boiler houses and farm buildings.
Mena - Polk County	23	7:30 p.	30	600				5			Tornado
											Tornado traveled west-northwest to east-southeast on the ground from near Wilhelmena State Park to Mena to near Cherry Hill in eastern Polk County. Damaged were several houses, 3 boiler houses by wind and considerable damage to the Mena Airport. 3 planes badly damaged. Dairy hit in Mena. Mostly timber damage east of Mena.
Plummerville - Conway County	23	9:00 p. to 9:30 p.	7	400			2	4			Tornado
											Tornado traveled from about 2 miles southwest of Plummerville northeastward to 4 miles southwest of Springfield. Large trees uprooted Plummerville cemetery. Some roof damage plummerville. Major damage 4 miles north of Interstate 40 when home and barn destroyed and 2 persons injured. Further timber and small building damaged in the direction of Springfield.
Alma - Crawford County	23	Evening					1				Lightning
											Man killed by lightning while riding tractor.
Central and Eastern Arkansas	24										
											A mass of thunderstorms traveled east-northeastward from Garland County in central Arkansas to Cross and St. Francis Counties in a period of about 2-1/2 hours time. The following areas were hardest hit:
Hot Springs - Barland County	24	12:32 p.						2			Hail
											3/4 inch hail reported about 8 miles east of Hot Springs.
Benton - Saline County	24	1:25 p.						2			Hail
											1-1/4 inch hail reported.
Carlisle - Lonoke County	24	2:00 p.									Funnel aloft
Brinkley - Monroe County	24	3:00 p.						4			Wind
											Considerable damage was done to Southern Compress in North Brinkley. Also, minor damage to homes.
Forrest City - St. Francis County	24	3:55 p.						4			Wind
											East part of Forrest City hit with trees falling across power lines. Lumber company on east bank of St. Francis river in Madison lost roof with part of building blown into the river. Trees uprooted in Madison.
Marvell - Phillips County	24	3:30 p.						4			Wind
											Two grain bins blown down. Two cotton trailers turned over and one tenant house destroyed. Torrential rain accompanied the wind.
Trumann - Poinsett County	24	3:45 p.	35	?				4			Wind/Hail
											A windstorm traveled from Weiner (western Poinsett County) to Trumann to Caraway (Craighead County) with major damage in Trumann. Truck overturned on Highway 63, two miles north of Trumann. Golf ball size hail with power lines down. Also 48 foot trailer loaded with portable metal building blown over and demolished near Trumann.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS			
California										Florida (continued)											
Tranquillity	11	8 PM - 9 PM	3	3	0	0	0	5	Thunderstorm hail damage from stones 1/2 to 3/4 inch in diameter covered 1,500 acres. There were losses in cotton, corn, and beet crops.	15 SW Ocala	08	4:45p late							A tornado that swept Crestview and surrounding areas damaged homes and yards of many and completely demolished a mobile home.		
Colorado										S Monticello Jefferson Co.	08	afternoon	5	100	0	0	2	3	Funnel aloft Tornado		
Boulder County	4	6:10PM							Sighted 10 miles southwest of Boulder, moving east.										A small tornado touched down in several places south of Monticello. Most damage was to planted fields and trees. It did, however, demolish a small storage barn and did light damage to a dairy barn.		
Denver	4	7:30PM							Hailstones up to one inch diameter in southeast area of Denver. Damage light.	Valrico	11	3:15p			0	0	0	0	Hail 1-3/4"		
Elbert County	9	8:50AM							Reported in area near Kiowa.	12 ENE Tampa									Forestry service reported marble to golfball size hail. No damage reported.		
Larimer, Washington, and Yuma Counties	22	PM				3	4		Hail, Funnel Clouds	Newberry Alachua Co.	11	4:30p	1/2	30	0	0	2	0	Tornado		
									Hail damaged crops in two areas, one just to the south and the other about 5 miles east of Fort Collins between 4:30 and 5:30PM. Later in the evening hail damaged crops and property in an area 10 miles long and 2 to 3 miles wide along an east-west line 15 miles north of Yuma. Hailstones up to 4 inches in diameter fell in this storm. Funnel clouds were reported north of Yuma and near Greeley.											A small tornado damaged a barn, no injuries and no other apparent damage.	
Phillips County	25	4:10PM						0	0	Tornadoes (2)									A small tornado ripped up trees in the Crescent Lake area, overturned a scaffold at Cory Field and crumpled a 100 ft. circus tent. The tornado was part of a squall line that brought high winds, damaging rains, tornadoes, funnel clouds and 10 foot waves to various sections of the Florida Panhandle. No injuries reported.		
Colorado Springs	26	5:07PM								Hail											
										Hailstones 3/4 inch in diameter reported in several areas of city. Damage light.	Santa Rosa Island Near Pensacola	12	11:00a			0	0	4	0	Wind damage \$20,000 damage. Main damage was about \$15,000 to a ship that broke moorings.	
Adams County	26	2:30-3:05 PM								Funnel Clouds (3)											
										Funnel clouds reported 10 miles north of Buckley Field at 2:30PM, 13 miles northeast of Denver at 2:40PM, and 10 miles north of Denver at 3:05PM. Report of last one touching ground was not confirmed.										Funnel aloft	
El Paso and Douglas Counties	27	5:15-5:19 PM								Hail	Laurel Hill Okaloosa Co.	12	afternoon	2	100	0	0	4	0	Tornado	
										Hailstones 1 1/2 inches in diameter were reported at 5:15PM, 25 miles north and at 5:19PM 20 miles north-northwest of Colorado Springs. No known damage.										A small tornado did several thousand dollars damage to many homes and some extensive damage in downtown Ft. Walton area. No injuries reported.	
Weld County	28	About 5:30PM					3			Wind, Funnel Clouds											
										Wind damaged farm property Flatteville-Dillard area, 10 to 15 miles south of Greeley. Several funnel clouds were reported in the area.										Tornado touched down in several places.	
Weld County	30	10-11AM					4			Hail, Funnel Cloud	Orlando	15	afternoon							Funnel aloft (2)	
										Hail damaged crops in an area from Greeley northeastward about 10 miles. Hail accumulated up to 4 or 5 inches in some areas. A funnel cloud was reported 40 miles north of Fort Morgan at 11:00AM.	Kissimmee Osceola Co.	15	afternoon								Funnel aloft
Yuma County	31	2:45PM								Funnel Cloud	30 SW Destin 35 SW Valparaiso	19	9:12a	1/2	10	0	0	0	0	Waterspouts (3) - Tornado (1)	
										Sighted about 15 miles southwest of Wray. Report of touching ground not confirmed.										3 waterspouts sighted moving NE at PEREF reports one briefly touched down 8 W VFS at 0955.	
Connecticut		None reported									Tallahassee	20	3:10p			0	0	0	0	Hail 1-3/4"	
Delaware																				Several reports of golfball size hail, some reports of marble size.	
Rehoboth Beach	2	4:00-4:30 p.m.				0	0	4	0	Wind	St. Petersburg	21	9:17a							Waterspout	
										Strong winds associated with a thunderstorm inflicted mostly minor damage to a motel and several residences.	Orlando	21	nighttime			0	2	0	0	0	Lightning
New Castle County	25	7:30-8:30 p.m.				0	0	4	0	Wind										A Winter Park couple was slightly injured when lightning struck near them and a freak windstorm crumpled an Orlando Service Station shelter.	
										Thunderstorm wind caused minor property damage and power failures in scattered areas. Many trees were downed.	10 W Key West	23	11:26a								Funnel Aloft (3)
Florida											5 E Palm Beach	26	10:16a							Funnel aloft	
Marathon 40 ENE Key West	01	1:30p								Waterspouts (4)	8 SE Ft. Lauderdale	27	6:31a							Waterspout	
Key Largo 19 SSW Homestead	01	6:40a								Waterspout	Venty. Daytona Bch	29	11:33a			0	0	0	0	Hail 1-3/4"	
Miami	01	6:41p								Funnel aloft										Golf ball size hail reported.	
5 E West Palm Beach	08	7:59a								Waterspout	S Grassy Key 48 ENE Key West	30	9:01a							Funnel alofts (5)	
6 SW Pensacola	08	1:30p								Funnel aloft	Georgia										
5 N Milton 22 N Pensacola	08	2:25p	2	100	0	0	2	0		Tornadoes (2)	Columbus	8	7:00 a			0	0	3	0	Wind and hail	
										Minor damage reported when at least two tornadoes were reported as a line of thunderstorms swept thru Escambia and Santa Rosa counties.										Utility poles and lines were knocked down. Trees were uprooted and plate glass windows broken. Wind reached 42 mph and 1/4 inch hail fell at the Columbus Airport. Larger hail was reported in the area.	
4 E Tallahassee	08	about 3:00p				0	0	0	0	Hail 2"	Houston County	8	8:10 a			0	0	4	0	Wind	
										Public reports hail around Tallahassee. No damage was reported.										Several trailers were damaged in the Perry area and a short time later roofs were damaged and trees uprooted in the Henderson-Elko area, about 9 miles south of Perry.	
Crestview Okaloosa	08	3:45p	2	200	0	0	4	0		Tornado	Vienna	8	8:30 a	2	75	0	0	4	0	Tornado	
																				Numerous trees were blown down, including many large pecan trees. Several houses and automobiles were damaged by the wind and by	

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					KILLED	INJURED	PROPERTY	CROPS	KILLED	INJURED	PROPERTY	CROPS		
Georgia (continued)														
		falling trees. A rural postman reported seeing funnel as it touched down. Possibly the same funnel was observed aloft at Unadilla a short time later.												
Bleckley-Houston County Line	8	8:30 a			0	0	4	0					Wind	
		Many trees downed and tops blown from buildings between Cochran and Warner Robins, near the County Line.												
Unadilla	8	8:45 a											Funnel Cloud	
		Reported by Civil Defense moving E about 35 mph.												
Pulaski County	8	8:45 a			0	4	3	0					Wind	
		Roofs damaged and trees blown down in western part of County. Four children suffered minor injuries from glass when a window was blown out.												
Southwest	8	a.m.			0	0	4	0					Wind	
		Damaging winds were reported in several southwest Georgia communities, including Cordele, Donaldsonville, Morgan and Thomasville.												
Fitzgerald	8	9:25 a											Funnel Cloud	
		Reported aloft north of Fitzgerald.												
Jefferson and Washington Counties	8	6:30 p			0	0	0	5					Hail	
		Young crops completely destroyed or heavily damaged on several farms between Bartow and Davisboro. Hail was also reported at Appling, Irwinton and in the Lake Sinclair area.												
Jackson County	11	9:30 p			0	0	3	0					Hail	
		3/4 inch hail reported between Commerce and Gainesville.												
Royston	12	12:30 a			0	0	4	0					Lightning	
		A paint and body shop was destroyed by a lightning started fire and a house and mobile home were damaged by lightning within a 30 minute period.												
Augusta Area	12	2:45 p			0	0	3	0					Hail	
		3/4 inch hail reported by weather observer on way to work.												
Columbus	12	3:00 p			0	0	4	0					Wind and hail	
		Widespread damage to trees, utility lines, signs and plate glass windows over the area. Hail up to 3/4 inches was reported. Wind gusts to 55 kts. at Columbus Airport.												
Pine Mountain	12	3:00 p	1	100	0	0	4	0					Tornado	
		Several buildings damaged and trees uprooted. About 100 forty-five year old pecan trees uprooted in one grove.												
Millen	12	3:15 p	1/2	50	0	0	3	0					Tornado	
		Roofs damaged and power lines damaged in two places as storm touched down in small areas west and northeast of Millen.												
Screven County	12	3:30 - 4:30 p			0	0	3	5					Hail	
		Hail ranging from 3/4 to 2-1/4 inches in diameter hit a farming area 15 miles long and 5 miles wide in eastern part of County. Many crops totally destroyed and others heavily damaged.												
Macon Area	12	3:45 p			0	0	4	0					Wind	
		Trees were uprooted, power lines knocked down and roofs damaged in Macon and surrounding areas, including Centerville, Perry and rural Bleckley County.												
Coweta County	12	3:50 p			0	0	3	0					Funnel Cloud and Wind	
		Funnel cloud reported in the Turin-Sharpsburg area of County. Winds unroofed a barn and uprooted a few trees.												
Atlanta Area	12	4 - 5 p			0	0	5	0					Wind and rain	
		Strong thunderstorm winds and heavy rains caused widespread damage in the Metropolitan Atlanta area. The wall of an Airport maintenance building was blown down and a nearby motel lost part of its roof when wind gusts reached 68 mph at the Atlanta Airport. Three mobile homes were overturned at Riverdale just south of the Airport. A building under construction sustained major damage and trailers and small buildings were damaged in nearby Clayton County. The roofs of two College Park businesses were swept off, one landing in a street. In adjoining Cobb County, a block wall was blown over at a store. Trees were downed throughout the Metropolitan area, many falling on buildings and automobiles and causing numerous interruptions in electric and telephone service. Streets were flooded in several areas by heavy rainfall.												
Broxton, Coffee County	12	late pm	3	100	0	0	4	3					Tornado and hail	
Georgia (continued)														
		Two tobacco barns were demolished and several other buildings were destroyed or heavily damaged. Trees were uprooted or snapped off. Witness reported seeing funnel.												
Athens	12	5:00 p			0	0	3	0					Hail	
		Hail 1/4 to 3/4 inches in diameter fell for a short period.												
Savannah	25	4 - 6 p			0	2	4	0					Lightning and rain	
		Two girls suffered minor injuries when lightning struck nearby. Heavy rains flooded streets and basements in parts of the City.												
Burke County	28-29	Night			0	0	5	6					Hail	
		The most destructive hailstorms of record hit Burke and neighboring Counties during the night of the 28th-29th. An estimated 40,000 acres of crops were completely destroyed or extensively damaged in Burke County. At least 30 farmers suffered total crop loss in the storms that cut a 5 to 8 mile wide path through the County. Stones ranged mostly from 1/2 to 1 inch in diameter and accumulated to depths of 2 feet or more in ditches. Heaviest damage was to cotton, corn, grain and soybeans but truck crops also sustained damage. Trees, shrubs and buildings were also heavily damaged. Two major hailstorms occurred, one about 8 pm and the other at 2 am. Hail was still on the ground in places more than 24 hours later. Hail damage also occurred in Columbia, Richmond, Jefferson and McDuffie Counties but was generally less extensive and severe.												
Hawaii														
5 S of Pearl Harbor, Oahu	19	10:15 a.											Funnel cloud	
Idaho														
2 North Howe, Butte County	4	9:00 p	1 1/2	NA	0	0	3	--					Wind	
		Strong winds blew down base radio station and destroyed equipment. Nearby shed blown from concrete base into feed mill equipment.												
8 North St. Anthony, Fremont County	7	Afternoon	Local	Local	0	0	3	--					Lightning	
		Tree was struck by lightning and 2 saddle horses beneath were killed.												
Burley, Cassia County	15	10:00 p	1/2	10	0	0	3	--					Wind	
		Strong wind picked up a heavy patio awning and transported it in entirety 1 1/2 blocks. Television antennas were damaged or destroyed along route.												
Idaho Falls, Bonneville County	21	5:00 p	3	NA	0	0	2	--					Wind	
		Gusty winds of more than 45 mph caused power outages and broke at least one plate glass window.												
Illinois														
Quincy	5	8:54 p.	?	?	0	0	3	3					Hail	
		Hail, 3/4 inch size reported.												
Effingham, 5 miles N	6	7:30 a.	?	?	0	0	3	3					Hail	
		Hail up to 3 inches in size.												
Lawrenceville, 6 miles S. (Lawrence County)	6	9:07 a.	0.1	50	0	0	4	0					Tornado	
		Farm buildings destroyed. Probably the same tornado that hit Vincennes, Indiana later.												
Mt. Carmel, 1.5 miles N. (Wabash County)	6	9:10 a.	0.1	30	0	0	4	0					Tornado	
		Barn was destroyed and shingles were torn from nearby buildings. Probably seen as funnel near Princeton, Indiana, later.												
Carbondale (3 mi. E.) to Energy	7	5:25 p.											Funnel	
Champaign, 5 mi. NE	11	2:10 p.											Funnels(2)	
Champaign, 15 mi. W	11	2:30 p.											Funnels(2)	
Toledo, 10 miles South of Champaign	11	2:30 p.											Funnel	
Rossville, near	11	2:55 p.											Funnel	
Ashkun, 3 miles W.	11	3:20 p.											Funnel	
Hammond	11	3:40 p.											Funnel	
Bement	11	3:42 p.											Funnel	
Chicago, Welles Park, North Side	15	evening	?	?	1	0	4	3					Lightning, wind	
		Thunderstorms moved over the city and lightning killed a man taking shelter under a tree.												
Westville	16	3:40 p.											Funnel	

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
Iowa (continued)										Iowa (continued)										
Clarion, Wright County	18	2:00 a					5		Lightning	Newell, Buena Vista County	23	6:00 p					4		Windstorm	
									\$50,000 loss - school buses and barn burned, also limited damage to a home in Clarion.	Clarinda, Page County	23	6:00 p					4		Hailstorm	
Pella, Marion County and NW Mahaska County	18	1:50 p		10 or 12			5		Windstorm	Neola and Minden, Pottawattamie County	23	6:11 p							Funnel	
NW Mahaska County	18	2:00 p					5		Tornado	Bernard, Dubuque County	23	9:45 p					4		Windstorm	
									Brief touchdown viewed.	4NNE Sanborn, O'Brien-Osceola Counties	31	1:15 p	35	100			5		Tornado	
Knoxville, Marion County	18	2:15 p					4		Tornado										Tornado touched down 4NNE Sanborn along Highway 59. Skipping path, moved NE 1/2 of Harris and moved into Minnesota N of Lake Park (see Minnesota Storm Data).	
Belle Plaine, Benton County	18	2:45 p	2				4		Windstorm	3S Ocheyedan, Osceola County	31	1:20 p	5	250			5		Tornado	
Newhall, Benton County	18	2:55 p					5		Windstorm										Tornado touched down near Ocheyedan Mound and skipped to 4E Ocheyedan and west of Harris moving NE.	
Blairtown, Benton County	18	3:08 p	4	300			5		Tornado	N of Spirit Lake, Dickinson County	31	2:00 p					3	3	Hailstorm	
Blairtown, Benton County	18	3:10 p					4		Windstorm										Two inch diameter hail.	
Atkins, Benton County	18	3:15 p					5		Tornado	5S Lake Park, Dickinson County	31	2:05 p	8	200			5		Tornado	
4W Sigourney, Keokuk County	18	4:00 p					4		Tornado										Passed 2E Lake Park-intermittent path, moved NE dissipated near Montgomery.	
Seymour, Wayne County	18	4:30 p					4		Windstorm	Lake Park, Dickinson County	31	2:15 p							Funnel (7)	
WC Appanoose County	18	4:50 p					4		Hailstorm										Funnel observed during afternoon some of which reputed touched ground briefly but without damage.	
S Monroe County	18	5:10 p					5		Windstorm	Winnebago County	31	4:30 p					4	4	Hailstorm	
									Damage south of Albia and at Blakesburg.										Reportedly the worst in 40 years at Rake and Scarville. 2 1/2 inch hail diameter.	
Blakesburg, Monroe County	18	5:20 p					4		Hailstorm	Hardin, Black Hawk, Butler and Grundy Counties	31	5:00 p					5	4	Hailstorm	
10W Ottumwa, Wapello County	18	5:23 p					4		Tornado										Iowa Falls, Parkersburg and Grundy Center hail 1-1 1/2 inch diameter, in some north Grundy County localities hail 2-3 inch diameter, also wind damage (25%). Hail losses in excess of \$250,000 in northern Grundy County.	
5SE Ottumwa, Wapello County	18	5:44 p					4		Tornado	3SE Ackley, Hardin County	31	5:15 p	5	300			5		Tornado	
Marengo, Iowa County	18	5:45 p	5	100			4		Tornado										Moved NE.	
Coralville, Johnson County	18	6:50 p					4		Hailstorm	12NW Grundy Center, Grundy County	31	5:43 p							Funnel	
North Liberty, Johnson County	18	7:00 p					4		Funnel	Fern, Grundy County	31	6:20 p	3	200					Struck a farm site south of Fern. Dual tornadoes seen before they struck and also clearly seen	
10NE Ottumwa, Wapello County	18	8:00 p					5		Windstorm	Hudson, Black Hawk County	31	6:30 p	1	200			4	3	Tornado	
3E Iowa City, Johnson County	18	9:00 p					4		Windstorm	6NW Dysart, Tama County	31	7:25 p							Funnel (3)	
3E Iowa City, Johnson County	18	9:00 p					4		Hailstorm	2N Dysart, Tama County	31	7:30 p	8	600			5		Tornado	
8SW Dubuque, Dubuque County	18	9:55 p					5		Windstorm										Tornado sighted 6S LaPorte City.	
Oyens, Plymouth County	23	4:30 a					4		Lightning	Parnell, Iowa County	31	7:45 p					4	3	Hailstorm	
Eldon, Wapello County	23	5:15 a					4		Lightning	Garrison, Benton County	31	7:50 p							Funnel	
2SE Shenandoah, Page County	23	2:28 p					2		Tornado	Masonville, Delaware County	31	8:05 p							Funnel	
8S Shenandoah, Page-Fremont Counties	23	2:35 p							Funnel	Benton County	31	8:15 p					5	5	Hailstorm	
Pierson, Woodbury County	23	3:10 p					4		Windstorm										Three inch diameter hail. Hail losses in Vinton area worst in many years. Wind losses 35%. Damage also at Shellsburg and Norway.	
3SSE Le Mars, Plymouth County	23	3:28 p							Funnel	Conroy, Iowa County	31	8:15 p							Funnel	
Le Mars, Plymouth County	23	3:30 p					3		Hailstorm	Linn, southern Jones and northern Cedar Counties	31	9:00 p					5	5	Hailstorm	
3S College Springs, Page County	23	4:08 p							Funnel										Two-three inch diameter hail. Extensive losses at Lisbon, Morley, Mechanicsville and Center Point. 30% loss due to wind.	
4E Clarinda, Page County	23	4:40 p					4		Tornado	W Van Buren County	31	9:45 p					4	4	Hailstorm	
Gravity, Taylor County	23	5:14 p							Funnel										Two inch diameter hail.	
Lenox, Taylor County	23	5:30 p					1		Tornado	North Liberty, Johnson County	31	9:45 p					4	4	Hailstorm	
									Touched ground briefly at 1S-2W of Lenox.	West Point, Lee County	31	10:25 p								Lightning
										Lone Tree, Johnson County	31	10:45 p					5	5	Hailstorm	
																			Two inch diameter hail. 16 square mile area surrounding town.	
										Kansas										
										Cherokee County	5	about 4:40 p.	1	400	0	0	3	0	Tornado	
																			Tornado, moving northeast, touched down in open country about 5 miles west-southwest of Columbus. It was on the ground briefly and was later sighted as a funnel aloft over Weir at 5:07 p.	

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Kansas (continued)									
Cherokee, Labette Counties	5	aftn, eve			0	0	4	3	Hail, lightning
									Hail damage was reported in the Chetopa, Coffeyville and Melrose areas; largest stones were about 2 1/2 inches in diameter at Melrose. Lightning damage occurred at Columbus.
Hodgeman County	9	about 4:00 p.	under 1/4 mi.	20	0	0	0	0	Tornado
									Small tornado touched down briefly 10 miles north of Spearville (8 mi. SE of Jetmore).
Ford, Kiowa, Pratt Counties	9	4:40-5:30 p.	30	45	0	0	4	5	Hail, wind
									Hail damage from 5-10 mi. SE of Dodge City through southeastern Ford County, most of Kiowa County, and into extreme western Pratt County. Largest stones were 1 3/4 inches diameter except for a few irregular shaped stones 2 3/4 inches diameter.
Edwards County	9	4:50- after 5:00 p.	9	200	0	0	5	3	Tornado
									Tornado, moving slowly ENE, was on the ground part of the time from about 9 miles SW of Kinsley to 10 miles NNE of Kinsley.
East central, north-east portions	10	aftn	?	?	0	0	5	4	Hail
									Hail 1/2 to 1 inch diameter fell over parts of the area from northeastern Shawnee County eastward and southeastward to Johnson, Wyandotte and Miami Counties. Largest hail was about 1 3/4 inch diameter in the Hillsdale area.
Cloud, Republic Counties	10	aftn, eve			0	0	4	4	Hail, 4 funnels aloft
									At least 4 funnels occurred but no surface damage was reported: 10 mi. N of Concordia at 2:50 p.; 15 mi. NE of Concordia at 3:20 p.; 7 mi. SSE of Concordia at 4:43 p.; and 1 mi. S. of Ames at 5:17 p. Hail was reported over parts of eastern Cloud County 3:00-7:00 p. Largest stones were about 1 3/4 inches diameter 4 miles east of Concordia at 4:52 p.
Dickinson, Saline Counties	10	eve			0	0	0	0	3 funnels aloft
									Funnels aloft were reported as follows: 2 funnels aloft 5 mi. W of Chapman at 6:05 p.; and 1 funnel 4 mi. SE of Salina at 6:15 p.
Harvey County	10	eve	about 15	?	0	0	4	3	Hail, wind
									Hail up to 3/4 inch diameter fell in the Halstead to Newton area.
Cherokee County	11	4:15 p.	under 2 mi.	under 1/4 mi.	0	0	0	0	Tornado
									Small tornado was on the ground in open country 7 mi. west of Baxter Springs for less than 5 minutes.
Cherokee County	11	aftn			0	0	0	0	2 funnels aloft
									One funnel aloft was reported about 7 miles west of Baxter Springs at the same time (4:15 p.) as the tornado 7 miles west of Baxter Springs. It was about 1/4 mile from the tornado. Another funnel aloft occurred 1 mile NE of Baxter Springs at 4:00 p.
Haskell County	16	4:55 p.	under 1/4 mi.	under 1/4 mi.	0	0	0	0	Tornado
									Small tornado, moving NE, touched down briefly 2 miles NE of Sublette.
Ford, Ness Counties	16	early eve	?	?	0	0	4	4	Hail, wind
									Hail accompanied by strong winds destroyed over 1,000 acres of wheat in Ford County. Damage also occurred in the Ransom and Beeler areas of Ness County.
Lane County	17	7:30 p.	1 to 2	100	0	0	2	0	Tornado
									Tornado, moving NE, touched ground at least three times about 2 miles south of Healy.
Trego County	17	8:30 - 9:30 p.	20	about 1/4 mi.	0	0	5	0	Tornado
									Tornado, moving ENE, caused damage in Trego County 10 mi. NW of Ransom. It apparently lifted off the ground for several miles, touching down again along the south shore of Cedar Bluff Reservoir where 6 cabins were destroyed and 29 others were damaged.
West central to northeast	17-18	eve of 17; night of 17-18	?	?	0	3	6	6	Hail, wind, lightning, funnel aloft
									Hail damage was first reported in Greeley and Hamilton Counties 5 to 7 p.m. MST. Severe thunderstorms developed eastward and northeastward during the evening and night-time hours, causing widespread hail and wind damage from Wichita, Scott, Lane and Ness Counties eastward and northeastward into parts of north-
Kansas (continued)									
									western, central, north central, and northeastern Kansas. Eastward limit of the reported damage was Marshall, Clay, Ottawa and Ellsworth Counties. Hail injured 1 person 12 miles NW of Tribune and 2 were injured when winds overturned a mobile home 8 miles north of Minneapolis. Largest hail was 2 1/2 to 3 inches diameter locally in Washington County, 2 1/2 inches at Hays, and 3 inches diameter in the Cedar Bluff Dam area. There were numerous reports of hail 1/2 to 1 3/4 inches diameter. Lightning damage occurred locally in Marshall and Cloud counties. A funnel aloft was reported 5 miles west of Salina at 11:25 p.m.
Clay County	17	Just after 11:00 p.	under 2 mi.	?	0	0	3	0	Tornado
									Tornado touched down twice in the Oakhill area.
Thomas County	17-18	night	?	47	0	0	3	4	Hail, wind
									Hail up to 2 1/2 inches diameter was reported. Damage was to crops, buildings and autos about 12 1/2 NNE of Gem.
Crawford County	18	6:00 a.	?	?	0	0	3	3	Hail
									Hail up to 3/4 inch diameter fell at Girard.
Ellsworth, Clay, Ottawa Counties	18	6:50- 8:40 a.	?	?	0	0	4	5	Hail, wind
									Heavy hail damage was reported in the Wells-Oakhill area. Largest hail was 1 3/4 inches diameter at Ellsworth.
Reno, Stafford Counties	18	early aftn	?	?	0	0	3	4	Hail
									Damage was in eastern Stafford and western Reno Counties.
Leavenworth County	18	1:45 p.	8	100	0	0	4	0	Tornado
									Tornado, moving ENE about 45 mph, was on the ground two of the 8 miles from 1 mi. NE of Easton to 3 mi. NW of Ft. Leavenworth, continuing on into Missouri. No injuries reported in Kansas.
East Central	18	aftn			0	0	3	0	2 funnels aloft, wind
									Funnels aloft occurred as follows: near Hartford at 1:30 p. and 1 1/2 miles NE of Lawrence about 3:00 p.m. Wind damage occurred southeast of Lebo about 2:00 p.
Jefferson, Douglas Counties	18	aftn	?	?	0	0	3	3	Hail
									Hail up to 1 3/4 inches diameter fell near Baldwin at 2:30 p.
Northeast portion	19	eve							3 funnels aloft
									Funnel aloft 10 mi. W of Topeka at 6:59 p. moved to 12 mi. NE Topeka at 7:45 p. Another funnel aloft was reported 8 mi. SE of Topeka at 7:27 p. and a third funnel was spotted between Lawrence and Bonner Springs about 8:00 p.
Morris County	21	1:40 p.	several miles	under 1/4 mi.	0	0	0	0	Tornado
									Tornado, moving southeast, was on the ground intermittently in the area of 7 mi. SW of White City.
Northwest portion	21	aftn, eve	?	?	1	0	3	5	Hail, wind, lightning
									Hail and wind damage to crops was reported in Sheridan, Decatur and Rooks Counties. A man on a tractor was killed by lightning near Gove about 4:00 p. Largest hail was about 2 3/4 inches diameter in southeast Decatur and northeast Sheridan Counties.
Central one-third, parts northeast and east central	21-22	eve of 21; night of 21-22	?	?	0	0	6	6	Hail, wind, rain, 4 funnels aloft
									Hail and wind caused widespread heavy damage over much of the central one-third of Kansas and over portions of Morris and Chase counties. Largest hail was about 2 3/4 inches diameter 1 mi. west of Derby at 9:25 p. and locally in Kingman County. Heavy rains up to 6 inches occurred over the lower reaches of the Saline River, Solomon River, Republican River, and the Big and Little Blue Rivers, causing considerable flash flooding on small streams and tributaries to these rivers. Portions of Cottonwood River and Mud Creek also flooded; Marion and Herington both had considerable flood damage. Funnels aloft were reported as follows: 1 mi. south of Allen at 2:10 p., 2 1/2 mi. south of Lincoln at 2:40 p., 10 mi. WSW of Kingman at 7:25 p. moving to 4 mi. west of Clearwater at 8:55 p., and near Newton at 10:15 p.
Johnson County	22	12:10 a.			0	1	3	0	Lightning
									Lightning injured a young man at Olathe.
Southeast portion	22	early a.m.	?	?	0	0	4	4	Wind, hail
									Damage occurred locally in Elk, Montgomery, and Labette Counties. Most hail damage was in Elk County.
Southeast	23	aftn	?	?	0	0	4	0	Wind
									Wind caused damage locally in Allen, Bourbon and Labette Counties. Heaviest damage was at the Fort Scott Airport where a steel tower was toppled and other airport facilities damaged.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Kansas (continued)									
East Central, northeast	23	5:30 - 11:30 p.			0	0	5	3	Wind, hail, 2 funnels aloft
									Wind damage occurred in Lyon, Osage, Franklin, Shawnee and Douglas Counties. Hail damage was minor although stones up to about 1 3/4 inches diameter fell 3 mi. west of Lawrence at 7:10 p. and at Piper at 7:10 p. A funnel aloft was reported 2 mi. west of Wakarusa at 6:50 p. and another occurred about 5 mi. south of Ft. Leavenworth about 8:00 p.
Central, south central southeast	23	evening			0	0	3	4	Hail, wind, funnel aloft
									Hail and wind damage occurred in Edwards, Cowley, Sedgwick, Harvey, McPherson, and Stafford Counties. A funnel aloft was reported between Stafford and Iuka. Largest hail was 2 inches diameter 20 mi. NW of Wichita about 8:30 p.
Crawford County and Labette County	23-24	night	?	?	0	0	3	3	Hail
									Hail up to 3/4 inch diameter fell at Parsons at 11:05 p. and at Girard at 12:15 a.
Northeast portion	26	aftn			0	4	0	0	Lightning, hail
									Four persons were injured in the Topeka area. Hail 3/4 inch diameter fell 35 mi. SW of Kansas City at 1:50 p.
Cowley, Harper Counties	26	aftn			0	0	5	4	Hail
									Heaviest property damage was in the Arkansas City area where hail up to 1 inch diameter was reported at 3:00 p.m.
Cherokee County	26	about 6:45 p.			0	0	4	0	Lightning
									Lightning damage occurred 3/4 mi. east of Baxter Springs.
Northwest portion	30	11:50 a.-12:00 p.							Funnel aloft
									Funnel aloft, moving NE, was observed 6 mi. SSW of Bird City.
Smith County	30	5:25 p.	2 1/2	220	0	0	4	3	Tornado
									Tornado, on ground intermittently and moving NE, touched down at the southeastern edge of Smith Center and moved to 6 mi. NE of city limits, passing about 1/2 mi. east of the city.
Jewell County	30	6:15 p.	1 1/2	100-300	0	0	4	3	Tornado
									Tornado, moving NE, destroyed 10 buildings 2 1/2 mi. east of Eabon.
Mitchell County	30	6:30 p.	1 1/2	30	0	0	3	0	Tornado
									Tornado, on the ground intermittently and moving NE, first hit down 6 mi. east of Hunter. It moved to 7 1/2 mi. ENE of Hunter.
Cheyenne County	31	5:30 p.	1/2	20	0	0	3	2	Tornado
									Tornado, moving ENE, hit about 10 1/2 mi. SSW of Bird City.
Chase, Morris, Lyons, Marion Counties	31	aftn, eve			0	0	4	4	Funnel aloft, hail, rain
									Funnel aloft reported 8 mi. N of Florence at 7:22 p. Largest hail was 2 inches diameter 6 mi. NNE of Emporia at 5:35 p. Flash flooding occurred locally in the Emporia and Cedar Point areas.
Cheyenne, Sherman, Thomas Counties	31	aftn, eve	?	?	0	0	3	4	Hail, funnel aloft
									Hail damage was reported in all three counties; hail 3/4 inch diameter fell in the St. Francis area. A funnel aloft was reported at Brewster about 5:50 p.m.
Johnson County	31	about 7:00 p.	under 1 mi.	100	0	0	3	0	Tornado
									Tornado touched down briefly about 8 mi. ESE of Olathe.
Marion County	31	8:30-8:35 p.	3 1/4	200	0	0	5	0	Tornado
									Tornado, on ground intermittently and moving ENE, first touched down about 10 mi. SSW of Hillsboro. It moved to 10 mi. SSE of Hillsboro before dissipating.
Sedgwick, Harvey, Cowley Counties	31	eve			0	0	3	4	Hail, 2 funnels aloft
									Hail fell at Wichita and in the Burriton area, with heavy crop damage in the Burriton area. A funnel aloft occurred at 5 mi. SW of Arkansas City at 4:07 p. Another was reported at Wichita 8:08-8:14 p.
Marion County	31	8:45 p.	under 1 mi.	1/4	0	0	4	0	Tornado
									Tornado touched down briefly 8 miles SSE of Hillsboro.
Northeast portion	31	eve, night			0	0	4	3	Hail, lightning
Kansas (continued)									
Allen County	31	9:45 p.	2	300	0	3	4	0	Tornado
									Hail up to 1 1/2 inches diameter fell in a band from Overbrook to Pomona Lake. Hail fell at Harveyville at 5:30 p. and at 7:00 p. A lightning-caused fire destroyed a house in Leavenworth County.
Allen, Bourbon Counties	31	night			0	0	4	3	Hail, wind
									Tornado, moving NE, hit Moran inflicting about \$75,000 damage.
									Hail up to 3/4 inch diameter fell in the Fort Scott area. Winds caused damage in both counties, with the heaviest damage reported in the Iola and Fort Scott areas.
									SPECIAL HAIL SUMMARY
									Hail Loss Clearing House reports indicate hail was especially severe in the following counties and on the dates listed:
									5 - Cherokee
									9 - Kiowa, Ness
									10 - Clay, Dickinson, Harvey
									16 - Ford
									17 - Barton, Clay, Cloud, Ellis, Ellsworth, Finney, Lane, Lincoln, Ness, Ottawa, Rush, Russell, Saline, Thomas, Trego, Washington, Wichita
									18 - Barton, Clay, Cloud, Dickinson, Ellsworth, Finney, Gray, Lincoln, Marshall, Ottawa, Reno, Rice, Riley, Russell, Saline, Stafford, Washington
									19 - Reno
									20 - Marion
									21 - Barton, Butler, Clay, Cowley, Decatur, Dickinson, Ellis, Ellsworth, Geve, Graham, Kingman, Lincoln, McPherson, Marion, Morris, Ness, Norton, Osborne, Ottawa, Pratt, Reno, Rice, Rooks, Rush, Russell, Saline, Sedgwick, Sheridan, Sumner, Trego
									22 - Barton, Dickinson, Ellis, Harvey, Kingman, Marion, Rice, Rush, Saline, Sedgwick, Sumner
									23 - Butler, Cowley, Edwards, Ford, Harvey, Kingman, Pratt, Reno, Sedgwick, Stafford
									26 - Coffey, Cowley, Harper, Sumner
									30 - Phillips
									31 - Harper, Kingman, McPherson, Sedgwick, Thomas
Kentucky									
Galloway County	5	10:30 p.			0	0	4	0	Wind
									High winds in the Sinking Spring community damaged a home, destroyed several farm buildings and damaged others about 10:30 p. A mobile home on Route 732 about 8 miles east of Murray was destroyed about 11:05 p.m. There was miscellaneous other damage in the area, mostly minor.
Grant County	5	10:30 a.			0	0	4	0	Lightning
									A church was destroyed by fire after it apparently was struck by lightning just before noon.
Boyle County	6	3:00 a.			0	0	4	0	Wind, lightning
									A 9 1/2-foot high, 4-ton church steeple at Danville was blown down; it was reported to have been designed to withstand 100 mph winds. There was thunderstorm activity in the area at the time. Some trees and utility lines were downed. There was minor lightning damage.
Wayne County	6	2:00 p.			0	0	4	0	Wind
									A severe storm destroyed a mobile home in the Parnell community.
Jefferson County	6	12:08 p.			0	0	?	?	Hail
									One inch diameter hail was reported 5 miles southwest of Louisville.
Jefferson County	6	12:30 p.							Funnel cloud aloft
									A funnel-shaped cloud was reported at Dixie Highway and Greenwood Road, Louisville, but did not touch down, moving toward the southeast 35 to 40 mph.
State	6				0	0	5	?	Wind
									There were numerous thunderstorms, and high winds resulted in light to moderate damage at scattered locations. Some of the heavier damage reported: a barn leveled in the Sorgho community, Daviess County; roof damage at Elizabethtown, Hardin County about 2 p.m.; trees downed and roofs damaged about 2:30 p.m. in Spencer County; buildings damaged by winds reported at 50 mph in Laurel County; in the early morning in Logan County, trees, utility lines and a barn downed; Washington County, 2 barns downed, windows blown out and other damage; in Warren County, trees downed by winds in excess of 90 mph; 3:30 a.m., trees and outbuildings downed in Meade County; carnival tents blown down in Jefferson County.
Leslie County	6	3:45 p.			0	0	?	0	Hail
									3/4-inch hail cracked the windshield of an aircraft at 6000 feet.
Morgan County	6	a.m.			0	0	4	0	Lightning
									Lightning struck a small plane at the West Liberty Airport, setting the plane ablaze. It was a complete loss.

See reference notes at end of table.

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MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
Kentucky (continued)										
Bourbon County	6	Night			0	0	4	0	Lightning	
			A house in the Paris area was destroyed by fire set by a lightning strike. A person living nearby saw the house struck by lightning stating it appeared as if a ball of fire had developed over the house, a minute later the house being afire all over.							
Boyle, Lincoln and Rockcastle Counties	6	Afternoon		33	0	0	5	?	Tornado, wind	
			The storm touched down in the northwest section of Danville, Boyle County at 1:45 p.m. E.S.T., moved southward and then south-eastward to cause a miscellany of damage including a number of roofs off and several walls out along a path about 100 feet wide and 1/2-mile long. Damage was estimated at about \$200,000. A barn was demolished south of Danville on the Hustonville road. High winds and heavy rain were reported in Lincoln County southeast of the first touchdown at 1:45 p.m. "Darkened sky was filled with debris". Wind damage to the roof of a factory in Stanford, Lincoln County between 1:30 and 2:00 p.m. E.S.T. A witness reported seeing a funnel cloud that did not touch the ground. At a time variously quoted as between 2:15 and 3:00 p.m. E.S.T., there was damage at Wildie, Rockcastle County, a site to the southeast of the Stanford site. Witnesses reported a funnel cloud touchdown and path movement to the south of about 3/8-mile (estimated), involving damage to several buildings, destruction of two mobile homes. The damage paths, times of occurrence, and radar observations indicated that the damage noted above could have been caused by one storm, involving funnel touchdowns in several areas. Radar indicated a southeastward movement of thunderstorms at about 2:50 p.m.							
Ballard & McCracken Counties	7	p.m.			0	0	?	?	Hail	
			Large hail was reported in Ballard County around 5:15 p.m. C.S.T. at Wickliffe, 1 1/8-inch diameter; Gage, softball size; Hinkleville, baseball size; Kevil, pea to golfball size. In McCracken County at Paducah's Barkley Field, hail to golfball size lasting from 6:07 to 6:17 p.m. C.S.T. was reported. A poultry farmer in Ballard County lost all his chickens, killed by the hail. Hail damage primarily was to crops. Some windows were broken.							
Hardin County	7	7:55 p.							Funnel clouds aloft	
			A funnel cloud was reported at 7:55 p.m. 15 miles northwest of Elizabethtown moving east. A funnel cloud was sighted by State Police passing over Elizabethtown, time unspecified, without touching down.							
Warren County	7	8:15 p.							Funnel cloud aloft	
			Funnel cloud reported by State Police 15 miles northwest of Bowling Green. No reports of damage.							
Jessamine County	7	4:49 p.			0	0	?	?	Hail	
			Hail golf ball size fell in the Nicholasville area between 4:49 and 4:55 p.m., covering the ground in spots. There was hail in other parts of the county, but not as large.							
Taylor County	7	9:05 p.							Funnel clouds aloft	
			A funnel cloud was reported 7 miles east of Campbellsville on Kentucky Highway 210. At about the same time another funnel cloud was reported 8 miles west moving toward Campbellsville. No serious damage was reported, and apparently the reported funnel cloud did not touch down.							
Calloway County	7	Night			0	0	?	?	Hail	
			Hailstones were reported to have been as large as golfballs in some places.							
Grayson County	7	Evening			0	0	4	?	Funnel cloud aloft, wind, hail	
			A funnel cloud was reported at Leitchfield at about 7 p.m. C.S.T., but it did not touch the ground. In the Clarkson community high winds damaged property, and to the east of Clarkson several barns were downed. Walnut-sized hailstones were reported from all sections of the county.							
Madison County	7	Night			0	0	4	0	Lightning	
			Fire apparently set by lightning destroyed a large barn.							
Daviess	7	6:00 p.			0	0	?	?	Hail	
			Hail the size of marbles and larger fell in Owensboro. Hail 1 1/2 inches in diameter fell in the Whitesville area.							
Green County	7	8:00 p.							Funnel cloud aloft	
			Several people sighted the cloud in the Greensburg vicinity, including one witness who stated: "It was about 9 p.m. (CST) and I was outside when I saw this big cloud shaped like a parachute. It was about due north and was black as ink. The tail of it was whipping around every which way and it was almost a continuous light around it". There was no report of the funnel touching down and/or damage.							
Kentucky (continued)										
Madison County	7	10:20 p.							Funnel cloud aloft	
			State Police sighted a funnel cloud near Richmond, moving eastward at about 35 m.p.h.							
Meade County	7	6:10 p.							Funnel cloud aloft	
			State Police reported a funnel cloud near Brandenburg.							
Meade County	7	6:16 p.							Funnel cloud aloft	
			A funnel cloud was reported 10 miles west of Fort Knox.							
Marion County	7	8:50 p.							Hail	
			Golfball size hail was reported at Loretto, about 10 miles north-west of Lebanon.							
Warren County	7	8:35 p.							Funnel cloud aloft	
			State Police sighted a funnel 1 mile north of Bowling Green. A trooper had to abandon his vehicle as the funnel approached.							
East	7				1	?	0	5	?	Flooding
			In eastern Kentucky flooding occurred on Levisa Fork of the Big Sandy River, and the Tug Fork of the Big Sandy River along the Kentucky-West Virginia border during portions of May 7th and 8th. There were numerous small creeks that went out of their banks. A news report stated that a man was drowned while attempting to ford a fast moving stream in his car. Damage was scattered out in several counties, with probably the biggest single item of damage being that to many bridges and roads washed out, especially county roads and bridges. There was much damage to crops where farm land flooded along small creeks. Quite a few homes had water in basements and there was water in about 15 houses. Civil Defense estimated damage in eastern Kentucky in the counties of Floyd, Lawrence, Johnson, Martin, Pike, eastern Knott, and a portion of Magoffin to total about \$115,500,00.							
East	7				0	0	?	?	?	Flooding
			In the Kentucky River Basin in eastern Kentucky the water rose to almost 5 feet above flood stage at Hazard on the 7th. At Jackson, the river was above flood for portions of the 7th and 8th, with a crest a little over 2 feet above flood stage. News reports indicated that several homes in the city of Hazard were flooded, a number had flooded basements, and several businesses had flood water in their basements, but no major damage was reported. Hundreds of Hazard families left their homes temporarily during the high water period, but returned later after the waters receded from the major roadways leading into Hazard, and from the scattered low-lying homes which they had surrounded. No firm damage estimates were available, but some officials gave \$75,000 as a preliminary estimate. In Breathitt County the principal damage was reported to have been to 3 to 5 trailers flooded. Many local roads were closed after rains caused streams to leave their banks. Along the Licking River there were strong rises in water levels.							
Southeast	7				0	0	0	5	?	Flooding
			Minor flooding developed on the Cumberland River in southeast Kentucky on May 7th and 8th. Heavy rain on May 6th and 7th averaged about 2.50 inches over the Basin above Williamsburg with the heaviest in the upper section near Cumberland, Kentucky. The crest at Cumberland was 7 feet, or near flood stage. At Baxter the crest was 15.8 feet, or just under flood stage of 16 feet. At Pineville the river crested at 9:04, almost 6 feet below flood stage of 10:02 feet. At Barbourville, however the crest was 32.3 feet, or 5.3 feet above flood stage at 7 p.m. on the 8th, and at Williamsburg, the crest was 22.0 at 7 p.m. on the 8th, or one foot above flood stage. Damage to crops was estimated at \$100,000 by the County Agent. (Crests preliminary, since comparative crest data not received at time of report from coordinating agencies).							
Clinton County	8	7:00 p.			0	0	?	?	Hail	
			Hail in the Albany area and in several other areas covered the ground in spots. Some of the hailstones were almost an inch in diameter. There was some damage to young crops.							
West	12				0	0	0	6	?	Flooding
			General light showers and locally heavy thunder showers were almost a daily occurrence along the Ohio River valley from the 2nd through the 13th. Along the lower Ohio River levels rose to just above flood stage at several points from Lock and Dam 50 (Fords Ferry Dam) to Lock and Dam 45 (Addison Dam), the river remaining above flood stage from 2 to 7 days depending on location. Flood damage was confined to crops in the bottomland along the Ohio River. The flood damage estimate on the Ohio River was provided by the U. S. Corps of Engineers and included 105,900 acres inundated (Kentucky, Indiana, and Illinois) causing an estimated \$1,150,000 damage.							
Southeast	13				0	0	0	5	?	Flooding
			Moderate to heavy flooding occurred at Barbourville, Kentucky, and minor flooding at Williamsburg, Kentucky, on May 13-15, 1971. Rains were moderate on the 11th and heavy on the 12th, total amounts averaging near 3 inches in the Williamsburg to Pineville area and on the Yellow Creek above Pineville; 2 to 2 1/2 inches at Baxter and above. The river had returned to near normal levels after the flooding of May 7-8 except at Williamsburg where it was still							

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Kentucky (continued)									
			some 5 feet above normal.						The river reached flood stage of 27 feet at Barbourville about noon on the 13th and crested at 33.0 feet the morning of the 14th. At Williamsburg the river rose to flood stage of 21 feet on the afternoon of the 13th and crested at 24.2 the afternoon of the 14th. At Pineville the river crested at 997.4 feet, some 5 feet below flood stage and about 8 feet at Baxter, or about 8 feet below flood stage. Damage was confined to agricultural land and crops for the most part. The County Agent of Knox County estimated \$100,000 damage to hay and corn crops and pasture lands. (Crests preliminary, since Comparative Crest Data not received at time of report from coordinating agencies).
Hardin County	19	5:05 p.							Funnel cloud aloft
									Funnel cloud reported by 2 aircraft 30 miles south of Louisville.
Breckinridge County	19				0	0	4	?	Wind, rain
			In the Ammons community near Stephensport high winds blew the roof off a mobile home; blew porches away and heavily damaged or destroyed several buildings. Heavy rains damaged household goods in the damaged buildings. Trees were downed.						
Oldham County	19	4 p.			0	0	4	0	Funnel cloud aloft, high winds
			A funnel cloud was sighted about 2 miles from Skylight, along U. S. 42. No injuries were reported. A house was unroofed in the Goshen community on U. S. 42 and a barn was damaged.						
Nelson County	19	evening							Funnel cloud aloft
			A funnel was seen near New Hope. No injuries or damage were reported.						
Barren County	24	6:38 p.							Funnel cloud aloft
			A funnel cloud was reported by State Police in the vicinity of Fern Dan and moving toward Glasgow.						
Jefferson County	24	night			0	0	4	0	Wind
			High winds unroofed an apartment house under construction.						
Jefferson County	24	?							Funnel cloud aloft
			A funnel cloud was reported along the Bullitt County line south of Louisville.						
Nelson County	24	8 p.							Funnel cloud aloft
			A funnel cloud was spotted 4 miles west of Bardstom on the Boston Road shortly after 8 p.m. A State Policeman followed it and watched until it was out of sight.						
Central	24	p.m.			0	0	?	?	Wind, funnel cloud aloft, rain, lightning, hail
			There was a number of thunderstorms in the area. High winds were responsible for damage at scattered locations (but for no serious injuries) in the counties of Hart, Allen, Logan, Barren, Edmonson, Butler, Warren and other counties. In Hart County a funnel cloud was sighted but no touchdown was witnessed. There was wind damage to 3 tobacco storage warehouses, occurring about 6:30 p.m. C.S.T. In Warren County, fire apparently set by lightning heavily damaged 12 rooms of a motel; wind damaged several roofs and downed some trees. In Barren County a house was partially unroofed at Cave City; several buildings were damaged and some trees were downed in the vicinity of Glasgow. Also in Barren County, in the Goodnight community, several buildings and barns were damaged by high winds and one barn was destroyed; there was some wind damage near Chestnut Grove; two persons received minor injuries when their cars struck trees that had been blown down. In Larue County winds unroofed a church and a nearby parsonage. A barn was heavily damaged in Marion County. In Logan County east of Adairsville and along the Kentucky-Tennessee border a bumper of grain crops, corn, tobacco and tobacco beds were badly damaged by hail and rain.						
Simpson County	24	5:35 p.	15	50-150	0	0	6°	C	Tornado, hail, wind, rain
			A tornado described by a witness as a "blue funnel" moved along a southwest to northeast path during a period reported to be about 5 minutes. The path in the vicinity of the city of Franklin was southeast of the center of the city. Heavy hail, bird egg size and larger and heavy rain were reported to have accompanied the storm, the hail being confined mostly to a southwest to northeast path about parallel to the tornado path, but some 3 to 4 miles northwest of the tornado path and northwest of the center of the city. The hail swath was said to be up to a mile in width and 8 to 10 miles in length. Aerial inspection of the tornado path indicated that the funnel did not stay on the ground but bobbed up and down "like a rubber ball" for a distance of about 15 miles. The time of initial touchdown in the city was given by various sources as about 5:30, 5:35, 5:47 and 5:50 p.m. C.S.T. The earlier times may have coincided with the onset of a thunderstorm, and the later times with the funnel passage. Electrical power was off beginning at 5:35 p.m. C.S.T. No serious injuries or fatalities were reported but there was considerable damage. Estimates made by several agencies, the Small Business Administration and the USDA Defense Board, indicated that the damage would total in excess of \$1 million. The USDA Defense Board reported damage in Simpson County as follows: damage to crops (small grain, corn, tobacco,						

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					KILLED	INJURED	PROPERTY	CROPS	
Kentucky (continued)									
									and soybeans), in excess of \$100,000; damage to 200 houses, \$100,000; 20 barns destroyed and 250 damaged, \$370,000; considerable damage to timber and fencing. In the county an estimated 75 to 100 farms lay in the hail-hit area. An estimated 40% of the grain crop in southwestern Simpson County was destroyed and heavy damage was reported to both tobacco and corn crops. The barley and wheat crops were especially damaged, barley ready for harvest being "threshed" by the hail and wind. In one location hail removed much of the paint from one side of a barn. A survey of the city of Franklin conducted by the Red Cross revealed the following damage: 5 trailers overturned with considerable damage at a trailer sales lot; 3 homes destroyed; 3 homes major damage; 50-60 homes minor damage; 1 church destroyed. A news report indicated that: buildings of three businesses were heavily damaged; three airplanes were heavily damaged; 5 automobiles were "stacked like cordwood", 8 being damaged.
Louisiana									
Ayoelles Parish	6	4:30p	1 1/2	1000	0	0	4	0	Wind, rain
			Strong winds swept area south of Marksville. Four 75-foot high H's on power transmission line sheared. High wind, heavy rain also struck Effie, Hesser, Mansura communities.						
Calcasieu Parish	6	5:50p			0	0	0	0	Hail
			One inch diameter hail reported by public at Lake Charles.						
St. Landry Parish	6	8:00p			0	0	0	0	Hail, funnel cloud aloft
			One funnel cloud sighted aloft, heavy thunderstorm with small hail struck Grand Coteau - Arnaudville area.						
Rapides Parish	6	8:50-9:30p			0	1	?	?	Hail, rain, lightning
			Marble to golfball hail reported from several sections of Alexandria Pineville. Excessive rains inundated underpasses and streets. One man injured when horse struck by lightning.						
Claiborne Parish	6	10:50p							Funnel cloud aloft
			Reported 10 miles northwest of Homer by State Police. No apparent touchdown.						
Northern Divisions	6-7	8:00p-3:00a			0	0	5	?	Wind, rain, hail lightning
			Heavy rain, strong winds hit numerous areas throughout Northern Parishes. Home buried to ground in Ruston after being struck by lightning about 12:45a. One-half inch hail reported at WSO, Shreveport at 9:51p. Minor wind damage at Crowley around midnight. Antenna of Franklin Parish sheriff blown from courthouse roof at Winnboro. House trailer overturned some 10 miles S of Monroe. Limbs and trees down over scattered areas of 15 parishes.						
Madison Parish	7	12:50-12:45a	1	20	0	2	4	0	Tornado
			Storm moved from southwest to northeast, crossing LA 577, nine miles south of Waverly, destroying to house trailers, two cars and damaging several houses. Utility lines downed.						
Tangipahoa Parish	11	7:00a	1/2	70	0	0	3	0	Tornado
			Tornado, moving southwest to northeast, touched down briefly in wooded area 7 miles northeast of Hammond. Minor tree and shed damage.						
St. Landry Parish	11	5:28-5:32p	1/8	20	0	0	0	0	Tornado
			Tornado, moving southwest to northeast, touched down briefly in open area just west of Opelousas. State Police reported no damage.						
Jefferson Davis Parish	11	5:48p	1/2	50	0	0	3	0	Tornado
			Tornado, moving southwest to northeast, touched down briefly just west of Lake Arthur. Demolished boat sheds, oak trees and powerlines.						
Assumption Parish	12	3:12p							Funnel cloud aloft
			Pilot reported funnel cloud not touching ground 63S Baton Rouge (29.5°N, 91.2°W) near Pierre Part.						
Madison Parish	27	4:00p							Funnel cloud aloft
			Reported 2 SSW Tallulah, by Entomology Research Division, USDA. No apparent touchdown.						
Maine									
Southeastern	7	Early PM			0	0	3	0	Lightning, hail
			Scattered heavy thunderstorms with hail.						

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

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					KILLED	INJURED	PROPERTY	CROPS	
Mississippi (continued)									
Amite County	8	9:50 a.	Short	Narrow	0	0	?	0	Tornado
<p>Women reported trees down, looked like tornado on ground moving E, on Highway 98 near Auburn community, 10 NW McComb (lat. 31.3° N, long. 90.6° W). Highway Patrol reported trees at scene were twisted, 2 residences had damage to roofs, 2 or 3 barns damaged, old Jackson Road blocked by trees.</p>									
Marion County	8	About 10:15 a.	5	100	0	0	3	0	Tornado
<p>During cloudy weather with scattered thunderstorms, men working near New Hope community observed one funnel touching ground about 10 S Foxworth off Highway 85 between Cheraw and Sandy Hook. A loud roar was heard; the funnel gradually lifted, passed on to ENE and remained slightly above the ground. Property damages estimated under \$1,000, no crop damage reported, path through farm area.</p>									
Jackson County	8	12:15 p.-12:25 p.	1/2	50	0	0	4	0	Tornado
<p>Storms moved from west towards east. During a period of thunderstorms with hail, a funnel cloud was observed by owners of Camp Grounds of America, State Highway 57 and I-20. The damage track was a lazy 'S' oriented from west to east, destroyed one barn - 20% of a residential roof and destroyed mobile home (owned by John Bush) . . . . Report of "sounds like a fast moving train." The damage area was 1/2 mile E and S of the intersection off Highway 57. Newspaper noted woman at the Tommy Reed residence nearby the trailer notified the (Ocean Springs) police when she saw the debris outside her house." Civil Defense Director Pasca-goula estimated damages \$9,500. Hail at 12 noon, 1/4 inch to pea sized, covered half the ground for about 5 square miles in the Fontainebleau area.</p>									
Jackson County	8	12:25 p.	1/4	67	0	0	3	0	Tornado
<p>Storm moved from W to E. During rainy weather, one small funnel (not observed) unroofed barn and house. About 8 N Moss Point, Highway 63 and 613, north of Besatawpa (lat. 30.5° N, long. 88.5° W) County Civil Defense Director estimated damages \$2,000.</p>									
Walthall County	9	10:40 a.							Funnel Cloud Aloft
<p>About 2 NW Darbon, near 15 NW Columbia, person enroute to Monticello, reported seeing a funnel cloud slightly above ground. Another person reported excessively loud roaring noise associated with funnel cloud. No reports received of casualties or indication of touchdown damage.</p>									
Leake County	9	8:13 p.	1	?	1	3	?	0	Tornado
<p>During pounding rain a small tornado set down and traveled about a mile in the Singleton community, 9 N Carthage, Highway 35, (lat. 32.9° N, long. 89.5° W). It first struck the C. L. (Cotton) Quick's farm at 8:11 p.m.; a barn and 6 other out buildings were demolished, the Quick's brick home had only minor damage and they said they could not hear the tornado's approach because of the heavy rain; damages estimated \$4,000. A tenant house was picked off its foundation, moved several feet, and left a twisted wreck; couple and 6 children escaped injury. Hit the Nordin Chipley farm, flattened 2 chicken houses, out of 22,000 five week old baby chicks some 1,500 - 2,000 were killed; also demolished 2 nearby barns. Then demolished the 2-room home of Mrs. Ida Sivills; the 4 occupants were injured and Mrs. Sivills, age 75, died later. Man said, "The rain was pounding so hard on the tin top that's all we could hear . . . the house went up in the air, then it seemed to sit back down (then) it went up again and that was it - it just went to pieces." Last hit was an adjacent residence, blew away roof of the John Ellard home, badly tangled the interior and torrents of rain drenched the interior. Along the path broken trees, twisted power lines and twisted tin decorated the landscape.</p>									
Rankin County	10	Afternoon	?	?	0	0	?	?	Hail, Wind
<p>Hail mostly small reported various times in county. At 3:45 p.m. 1/2 to 3/4 inch hail covered about 3/4 of ground 10 SE Jackson (lat. 32.2° N, long. 89.9° W). Some damage to vegetables reported. Highway Patrol reported 2 mobile homes flipped over at Whitfield (lat. 32.2° N, long. 90.1° W) at 3:50 p.m. Rankin County News reported that W of Brandon on I-20, high winds ripped roofing and collapsed the supporting structure of a barn, also slid a towed large house trailer off road and separated the living structure from the frame.</p>									
Jasper County	11	8:29 a.-8:35 a.							Funnel Cloud Aloft
<p>Highway Patrol reported funnel cloud at 8:29 a.m. very plain over Bay Springs (lat. 32.0° N, long. 89.3° W) moving NE. Public reported funnel cloud at 8:35 a.m. near Bay Springs moving NE. No reports indicative of tornado touchdown damage received and newspaper noted Meridian radar did not indicate the presence of a tornado in that location.</p>									
Clarke County	11	9:15 a.	*100	?	0	0	?	0	Tornado
<p>Highway Patrol reported small tornado uprooted trees Stonewall (lat. 32.1° N, long. 88.8° W) along a 100-yard line just inside city limits and 100 yards from Highway 513. Uprooted large oak tree, damaged one house west edge Stonewall.</p>									
Adams County	11	6:02 p.							Funnel Cloud Aloft
<p>Radar at 5:45 p.m. indicated large heavy thunderstorm with hail, 9 NW Woodville, moving NNE at 12 m.p.h. Funnel cloud was reported over Natchez Airport (lat. 31.5° N, long. 91.4° W) moving towards</p>									

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					KILLED	INJURED	PROPERTY	CROPS	
Mississippi (continued)									
		ENE							No damage reports indicative of a touchdown received.
Hinds County	11	7:00 p.-7:20 p.							Funnel Cloud Aloft
<p>County sheriff reported funnel cloud at 7:00 p.m. near Raymond (lat. 32.3° N, long. 90.5° W). Clinton Police reported funnel at 7:20 p.m. N of Clinton (lat. 32.3° N, long. 90.1° W) moving N about 28 m.p.h.</p>									
Coastal Mississippi	12	7:00 a.-9:30 a.			0	1	?	?	Funnel Cloud Aloft, Wind
<p>A line of thunderstorms moved across the Gulf of Mexico. Damages in Coastal Mississippi ranged from downed trees to a destroyed metal building. Vast number of trees, many weakened by Hurricane Camille in August 1969, were snapped off or uprooted. Mississippi Power Company experienced "quite a bit of small trouble" with power interruptions in many areas including 4 cities. Many boats broke away from their moorings, some sank. HANCOCK COUNTY: Power failures started in Bay St. Louis and were reported in varying degrees along the Coast as the weather moved eastward. HARRISON COUNTY: County Civil Defense Director reported wind damage was general throughout the county. Heavy quantities of sand were blown off the beach onto Highway 90 before rains vetted the sand. Pass Christian: A little after 7 a.m. on St. Louis Street between Church Avenue and Henderson Avenue a man saw a little twister just barely reach down into several trees and almost toppled one on his car (lat. 30.1° N, long. 89.2° W). This funnel cloud did not touch the ground but limbs and tree tops were broken. One boat was sunk in the harbor by the high winds causing rough water and swamping the boat. An unidentified couple escaped injury after their car ran off U. S. 90 and went over the sea wall near Davis Avenue; they had swerved to miss a litter barrel blown into the highway; no serious damage, the car landed upright. Scattered power lines down. Long Beach: Police reported large tree blown against side of house, waves damaged. Gulfport: A severe thunderstorm was reported over the Gulfport Airport at 7:10 a.m. CST (lat. 30.4° N, long. 89.3° W); winds gusting to 75 m.p.h. about 7:15 a.m. at the FAA Control Tower; the Southern Airways wind speed indicator reached 100 m.p.h. and the Mississippi Power Company indicator read 70 m.p.h. on top of the general office building on U. S. Highway 90. Winds picked up 2 empty office trailers, blew them across a road and smashed them into pieces against Gulfport Municipal Airport fence. There was considerable wind damage in the vicinity of Gulfport Airport and less severe damage in the city. No one reported seeing a funnel cloud and a CD official reported no indication of circular winds. The only injury reported was a woman when about 7:15 a.m. she received minor cuts on her hand. When she opened the front door entrance of Memorial Hospital, high winds blew out the glass, then pushed her through the door facing. Biloxi: Biloxi Harbor Master reported many boats broke away from their moorings during the heavy rain and winds 4 privately owned boats received damages estimated up to \$5,000. An area on West Beach (in Biloxi) was without power for about an hour. JACKSON COUNTY: A major power substation in downtown Pascagoula was reported out about 9:30 a.m. CST.</p>									
Adams County	12	Early Afternoon			0	1	3	0	Wind
<p>A 1970 sedan was a total loss in early afternoon when a large oak fell atop car, Junkin Drive near Clerwood, in Natchez; driver was treated at hospital.</p>									
Forrest County	12	1:52 p.m.							Wind
<p>At Hattiesburg (lat. 31.2° N, long. 89.3° W) wind gust of 75 m.p.h. was reported.</p>									
Rankin County	12	2:50 p.							Funnel Cloud Aloft
<p>Man near Puckett (lat. 32.1° N, long. 89.8° W) reported a funnel cloud moving towards NNE about 30 m.p.h. No report of damage indicative of a tornado touchdown received.</p>									
Scott County	12	3:15 p.-4:07 p.							Funnel Cloud Aloft
<p>Radar at 3:15 p.m. indicated hook echo 10 WSW Forest moving towards NE at 32 m.p.h. Funnel cloud observed at 4:07 p.m. 5 ENE Forest (lat. 32.5° N, long. 89.4° W) reported by WJAG radio; moving NE about 10 m.p.h. No report of damage indicative of a tornado touchdown received.</p>									
Warren County	12	Night			0	0	?	0	Heavy Rain, Wind
<p>Vicksburg newspaper reported, "High winds accompanied by heavy rains accounted for a number of felled trees and interrupted utility service during the night. . . . The force of the wind combined with the rain soaked condition of the ground permitted trees to be felled in numerous locations. . . ." The "president of the board of supervisors, said there were numerous slides and washes on roads throughout the county."</p>									
Walthall County	20	5:00 a.-6:00 a.			0	0	4	0	Thunderstorm, Wind
<p>Newspaper reported, "Over \$30,000 damage was done in the Tylertown area early Thursday (20th) morning as high winds accompanied a thunderstorm and heavy rain." About 5 a.m. lightning struck Ready Mix office building; fire heavily damaged one end of building, losses estimated between \$1,000 and \$8,000. About 6 a.m. just E of Tylertown (lat. 31.1° N, long. 90.1° W). Wind struck car dealer's lot destroyed 1 mobile home, damaged 2 others and 5 trucks; damages estimated between \$15,000 and \$80,000. Winds blew down 2 walls at construction site of private school; plumbing underground damaged when blocks fell on it; damages estimated between \$4,000 and \$5,000.</p>									

See reference notes at end of table.

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MAY 1971

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
Mississippi (continued)											
Tunica County	24	5:50 p.									Funnel Cloud Aloft
Alcorn County	24	8:35 p. 8:40 p.	8	0 to 100	0	5	5	5	0		Tornado
Missouri	1	About 7:00 pm	1/4	50							Tornado
Green, Wright and Howell Counties	1	7:00 pm-9:30 pm									Thunderstorm Winds
St. Louis, St. Louis County	5	9:30 am-9:50 am									Hail
Bethany to Princeton, Harrison and Mercer Counties	5	5:00 pm-5:30 pm									Hail
Northwest portion of State	5	5:20 pm-7:00 pm									Hailstorm
Rothville, Chariton County	5	5:45 pm	6	50-400	6	6					Tornado
Missouri (continued)											
Joplin, Jasper County	5	5:55 pm	12	700	1	60	6				Tornado
Marceline, Linn County	5	6:05 pm	4-1/2	50-200		12	6				Tornado
Avilla, Jasper County	5	About 6:15 pm									Funnel Clouds
Lawrence, Dade and Greene Counties	5	6:30 pm	10	50			4 <sup>o</sup>				Tornado
Whiteman Air Force Base, 9th SW, Knob Noster, Johnson County	5	7:30 pm									Funnel Aloft
Lupus, 5 SW, Monticau County to 2 miles south of Columbia, Boone County	6	1:30 pm-2:10 pm	11								Hail
Lambert Field, 15 S St. Louis County	6	5:19 pm									Funnel Aloft
Springfield, 20 SE Greene County	6	6:24 pm									Funnel Aloft
Lake Warrenton, Warren County	7	2:30 pm				1					Lightning
Malden Area through Charleston Area, Dunklin and Mississippi Counties	7	3:50 pm-5:00 pm	53	VRBL 200-3000			4	5			Hail, Wind

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Missouri (continued)									
									A thunderstorm with large hail and some damaging winds began just north of Malden and swept eastnortheastward across southeast Stoddard County through the Canolou-Mathews area of New Madrid County, between East Prairie and Charleston and through the Wyatt area of Mississippi County, and across the Mississippi River into the Wickliffe, Kentucky area. Reports of golf ball size hail were common along the path with isolated reports of some hail to 3-inch size. The greatest wind damage appeared to be in the Dogwood area along Route B northwest of East Prairie to Wyatt. Several barns and sheds were destroyed and numerous trees uprooted.
Kansas City, Jackson County	10	1:50 pm							Funnel Aloft Public report of Funnel Aloft at 21st and Topping.
Warsaw, Benton County	10	3:15 pm				6			Lightning Six construction workers working on the Osage River Bridge on Missouri Highway 7, west of Warsaw, were injured when lightning struck. The workers were securing a steel girder between two bridge columns. Two men required hospitalization.
Mexico Area to Bowling Green, Audrain and Pike Counties	11	4:00 pm-4:30 pm							Funnel Clouds Numerous reports of funnel clouds aloft were received in association with a storm which moved from the Mexico, Missouri area east-northeastward over the Bowling Green area.
High Ridge, Jefferson County	11	4:15 pm							Funnel Cloud Several reports from the public of a funnel cloud aloft.
Weston, Platte County to Maysville, L. ESE, DeKalb County	18	1:55 pm-4:30 pm	47	50-400		6			Tornado A tornado which first touched down about one mile northeast of Weston, Kansas entered Missouri with a touchdown on a farm in the Missouri River Bottoms 2-1/4 miles west of Weston, Missouri. The tornado caused intermittent damage towards the northeast across northwest Platte County, with the heaviest damage in the vicinity of the intersections of Routes P, H, and W west of New Market. In the area, some reports were received of two funnels, one large and one small, on the ground simultaneously about 1/2 mile apart following near parallel paths. Similar reports were received from the area to the northeast in Buchanan County. The tornado entered Buchanan County at Highway 371, crossed I-29 1/2 mile north of the county line and continued northeast to 1/2 mile beyond the Missouri 116-Route T intersection. In this area the major damage path appeared to shift to a parallel path about 1 mile to the northwest. This damage path with some gaps crossed the Route DD-WW intersection and continued northeastward through the Fraizer community and on into northwest Clinton County, crossing Route HW 2 miles east of the county line. In this area, the major damage path again appeared to shift to a parallel path about 3/4 mile to the northwest. This path continued northeastward to pass 1-1/4 miles south of Stewardsville and cross into DeKalb County 1-1/2 miles east of Stewardsville extending to just beyond U.S. 36 1/2 mile west of the Missouri 36 junction. A final parallel path 1-3/4 miles to the northwest began 3/4 mile north of U.S. 36 and 1-1/4 miles west of Route J extending northeastward to cross Mo. 33 3-1/2 miles north of U.S. 36 and terminating 1/2 mile east of Route C 1-3/4 miles south of Mo. Highway 6 (L. ESE of Maysville). Structural damage to barns and sheds occurred on approximately 20 farms in Platte County, 30 farms in Buchanan County, 12 farms in Clinton County and 12 farms in DeKalb County.
Smithville, Clay County	18	3:50 pm							Funnel Aloft Public report of funnel cloud aloft over Highway 92 in the Smithville area of Clay County.
Lone Jack, Jackson County	18	6:40 pm				1			Damaging Winds A trailer was reported demolished by strong winds causing 1 minor injury.
Nevada, Vernon County	18	7:00 pm							Funnel Aloft City police spotted and followed a funnel aloft which dipped close to ground level several times but dissipated.
Noel to Pineville McDonald County	22	3:00 am-3:20 am			2	4			Thunderstorm Winds A severe thunderstorm caused widespread tree and power line damage in McDonald County from the Spring Valley area across north Noel and along Route H through the Pineville area. Two people suffered minor injuries as two uprooted trees crushed portions of their mobile home in Spring Valley, trapping them inside.
Western Counties	23	3:00 pm-midnight							Thunderstorm Winds Thunderstorms with damaging wind gusts estimated in some locations to be in the 60 to 70-mile per-hour range affected many areas of Western Missouri from McDonald, Newton, Jasper and Lawrence Counties in the southwest to Atchison, Nodaway and Worth Counties in the northwest. Damage appeared to be confined to sporadic tree uprooting and downed power lines.
Elmo, Nodaway County	23	4:09 pm							Funnels Aloft
Missouri (continued)									
Rolla area, Phelps County	23	6:40 pm							Funnel Aloft A funnel cloud aloft was reported 10 miles west of Rolla and again on the north edge of Rolla.
Kansas City Metropolitan Area	24	Midnight-1:00 am							Thunderstorm Winds, Hail Thunderstorms with winds gusting to an estimated 60 miles-per-hour and a report of 3/4 inch hail crossed the north Kansas City Metropolitan area. Damage to trees and power lines in some areas.
Potosi-Bonne Terre Area, Washington and St. Francois Counties	24	12:40 pm-1:20 am	19	50-150		5			Tornado A post storm damage survey indicated that a tornado which first touched down near Route P 7.5 miles southwest of Potosi in Washington County produced a continuous path, occasionally at treetop level, for 19 miles to the northeast terminating at the intersection of Highway 67 and Route JJ in extreme northern St. Francois County. A home was unroofed and badly damaged as the tornado crossed Highway B 3.8 miles southeast of Potosi and several trailers and summer homes were badly damaged in the Lake Timberline area of northern St. Francois county.
55 West of St. Louis Montgomery County	26	8:30 pm							Hail Hail reported to be 1/2 to 1 inch in diameter.
King City, Gentry County	31	About 6:00 pm							Hail Hail ranging from golf ball size to baseball size dented many cars in the King City area.
Kansas City, Jackson County	31	7:00 pm							Funnel Aloft A funnel aloft was reported over the southern portions of Kansas City about 10 miles south of the airport.
Belton, Cass County	31	7:15 pm				2	4		Thunderstorm Winds Thunderstorm winds toppled two mobile homes on blocks in the Springdale Lake Estates Trailer Court near 166th Street and U.S. 71 near Belton.
Blue Springs area, Jackson County	31	7:35 pm							Tornado A sheriff patrol car tracking an approaching funnel cloud on Missouri Highway 7 1.3 miles south of U.S. 40 was swept off the road as the funnel touched down on the highway and crossed some farm land before lifting again.
Kansas City, 8 NE	31	7:40 pm							Funnel Aloft Funnel Aloft reported.
Whiteman Air Force Base, 7 W	31	7:48 pm							Funnel Aloft A funnel cloud aloft was sighted 7 miles west of Whiteman Air Force Base, Knob Noster, Missouri.
Knob Noster, Johnson County	31	8:00 pm							Funnel Cloud A State Patrol Officer reported a funnel cloud appearing to reach the ground in the Mansarrat area of east Johnson County about 3-1/2 miles west of Knob Noster. No ground damage reports were received.
Millersburg, Callaway County	31	10:25 pm							Funnel Cloud Public report of funnel aloft.
Montana									
east of Drummond, Granite County	4	3:15 p.m. MST	1/2	25	0	0	0	0	Tornado Clearly defined funnel cloud observed for about 15 minutes about 8 miles east of Drummond, touchdown was brief and in open country, no observable damage. Was apparently associated with large thunderstorms occurring in Southwestern Montana that afternoon. Echo tops in area reported at 46,000 MSL at time of tornado by Missoula NWS RADAR.
Ravalli, Granite, Missoula Counties	4	Afternoon			0	0	4	0	Thunderstorms Fairly heavy thunderstorms, some damage from several lightning strikes in Missoula, some trees blown down near Garrison. Lightning strikes also caused minor damage in Phillipsburg and near Heimville.
Billings, Yellowstone County	4	Afternoon	5	3,000	0	0	0	0	Hail Hailstones, diameter up to 3/4 inch, covered area of 5 to 10 sq. mi. But the hail was soft and came with no wind, so there was no damage.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Nebraska Lincoln County	5	1:20p	-	-	0	0	0	0	Funnel cloud
Dundy & Hitchcock Counties	5	2:12p-2:30p	-	-	0	0	0	0	Funnel cloud
Cass County	5	2:25p	?	?	0	0	0	0	Hail
Hamilton-Polk Counties	5	About 2p-2:30p	7	50	0	0	3	0	Tornado
Custer County	5	2:50p-3:28p	20	60	0	0	4	0	Two tornadoes
Nance County	5	?	?	?	0	0	0	0	Hail
Adams County	5	3:06p	-	-	0	0	0	0	Funnel cloud
Sarpy County	6	9:10a	10	?	0	0	0	0	Hail
Scottsbluff County	9	3:50p	-	-	0	0	0	0	Funnel cloud
Dawson County	9	8:10p	-	-	0	0	0	0	Funnel cloud
Adams County	10	2:43p	-	-	0	0	0	0	Funnel cloud
Lancaster County	10	6p - 6:30p	5	1/2*	0	0	4	4	Hail and heavy rain
Southeastern Nebraska	17-18	8:30p - 1:00a	60	30*	0	0	4	4	Hail, heavy rains, damaging winds
Western Nebraska	22	Evening	-	-	0	0	4	5	Hail
Cheyenne County	22	5:20p	-	-	0	0	0	0	Tornado
Knox County	22	11p	1 1/2	3*	0	0	4	5	Hail
Brown County	22	10:30p - Midnight	?	?	0	0	0	4	Hail
Saunders and Dodge Counties	23	3p - 3:27p	15	70	0	0	0	0	Tornado and Hail
Southern Nebraska	30	11a - Midnight	-	-	-	-	-	-	Tornadoes
See reference notes at end of table.									
Nebraska (continued)									
Kimball County	30	10:48a	-	-	0	0	0	0	Tornado
Chase County	30	12:08p	Short	Narrow	0	0	4	0	Tornado
Chase County	30	12:10p	--	--	0	0	0	0	Hail
Dundy County	30	12:20p-1:00p	20	Narrow	0	0	4	0	Tornado
Dundy County	30	Mid-after-noon	Short	Narrow	0	0	0	0	Tornado
Gosper-Dawson Counties	30	2:00p-5:00p	-	-	0	1	4	0	Tornadoes (3)
Buffalo County	30	4:40p - 5:15p	25	Narrow	0	0	0	0	Tornado
Kearney County	30	5:20p	Short	Narrow	0	0	4	0	Tornado
Frontier and Lincoln Counties	30	? - 5:55p	Short	Narrow	0	0	0	0	Tornadoes (3)
Pawnee County	30	10:30p	Short	Narrow	0	0	0	0	Tornado
Dawson County	30	Afternoon	?	?	0	0	0	4	Hail
York & Fillmore Counties	30	7:50p	-	-	0	0	3	0	Funnel cloud-damaging winds
Nevada Reno	20&21	P.M.-A.M.			0	0	?	?	Snowstorm, Windstorm
Las Vegas	21	A.M.-P.M.			0	1	5	0	Windstorm, Sandstorm

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

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					KILLED	INJURED	PROPERTY	CROPS			
Nevada (continued)											
			winds with gusts as much as 60 mph. Blowing sand reduced visibility to nearly zero. Floor visibility from the storm contributed to a traffic accident resulting in one man being critically injured. Two six-car rear-end collisions were attributed to the storm. Fifty original oil paintings valued up to \$1,000 apiece were damaged by the wind when the fence-pole mountings holding these paintings uprooted. Power outage developed as a result of the downed lines. Telephone communication was occasionally disrupted.								
New Hampshire		None	reported								
New Jersey		None	reported								
New Mexico											
Quay County	8	4:05 p.							Funnel aloft		
			Funnel cloud not quite touching ground observed just south of Tucumcari Airport moving east-northeastward.								
Otero County	11	1:45 p.							Funnel aloft		
			Funnel cloud aloft observed 10 miles south of Alamogordo.								
Quay County	27	Evening			0	0	0	0	C Hail		
			Large hail from golf-ball to baseball size at Logan, Ute Lake, Hart Visa and Porter. Damage to cars, roofs, windows, trailer houses and boats. Some crop damage noted. Storms in Logan area noted at 5:30 and 8:00 p.								
New York											
Southern tier (central portion)	20	afternoon						50	C	Lightning, hail, wind	
			Early afternoon thunderstorms caused a variety of damage by lightning, hail and wind across southern tier Lakes and the central southern tier from Steuben County east to Chenango and Broome Counties. Lightning fires destroyed barn with eight horses at Savona, Steuben County and another barn with two horses at Dryden, Tompkins County; trailer home burned at Appalachian, Tioga County. Fires from lightning bolts also heavily damaged home at Mecklenburg, Schuyler County, storage shed at brick company in Binghamton. Hail up to golfball size heavily damaged greenhouse and plants inside at Montaur Falls and caused scattered damage to greenhouses on Cornell University campus and to automobiles roofs in auto sales and parking lots in Ithaca area. Light damage by hail to alfalfa and other crops reported in Schuyler and Tompkins Counties. Wind gust completely unroofed small one-story rural home near Corning. Minor lightning strikes, downed power lines and tree limbs reported in Elmira and Norwich areas. Radar measurements indicated cloud tops near 40,000 feet.								
Franklin, Essex and Hamilton Counties	20	3 p.m. to 10 p.m.						5		Rain, hail	
			Adjoining portions of three counties in northern Adirondacks were struck by heavy downpours of rain in connection with squalline activity, which had also affected southern tier areas of State (see above). Rainfall of 1.5 inches in less than 60 minutes and a total of 2.5 inches in 6 hours fell in Lake Placid, Raybrook and Saranac Lake areas, resulting in flash flooding of village streets, highways and low lying terrain. Business properties sustained damage to basements and street floors in the three communities. In Hamilton County a quarter-mile section of highway washed out and other sections blocked by landslides between Blue Mountain Lake and Long Lake, forcing closure of 10 miles of highway. Half-inch hail and some lightning strikes reported but damage minor. Electrical discharges and character of storm described as "violent" by observer at Raybrook.								
Southern tier and Hudson Valley (lower)	25	late a.m. and evening			1		4			Wind, lightning	
			Winds associated with passage of cold front caused widely scattered property damage, tree breakage and power failures in extreme southern sections of the State. Large silo demolished at Jasper, Steuben County, small camper trailer blown 20 feet at Dryden, Tompkins County, and several large trees toppled in village of McDraw, Cortland County. Trees and power lines broken in Newburgh-Walden-New Falts areas of lower Hudson Valley. Roof blown off Little League dugout and one boy injured at Wappingers Creek, Dutchess County. Lightning knocked out transformer at Mt. Kisco, causing extensive power blackout in central Westchester County. Peak wind gusts of 50 knots measured at Dutchess County Airport.								
Saratoga County	25	5:30 p.m.								Funnel cloud	
			Public report of funnel cloud observed in Saratoga County about 8 miles south of Glens Falls. Disturbance moved eastward.								
North Carolina											
Bladen, Haywood, Montgomery Counties	2	4-7pm						4	0	Electrical	
			Fire set by lightning damaged store in Bladen County. House damaged, trees hit, in Haywood. Telephones knocked out Haywood & Montgomery Mountains								
Mountains	3-4	Early morning						0	5	Frost, cold	
			Scattered frost & freeze damage to fruit, commercial vegetables, and gardens.								
North Carolina (continued)											
Cleveland and Wilkes Counties	6	2-4pm							4	5	
			Hail damaged fruit in Cleveland County. Two barns struck by lightning, one destroyed, in Wilkes County.								
Catawba, Davidson, Faison, Jackson, Mecklenburg, Richmond Counties	8	Aftn & evening							5	5	
			Several widely separated thunderstorms caused a variety of damage. Hail damaged crops in several areas. Lightning killed fourteen cattle under tree in Davidson County. Wind destroyed several mobile homes in Catawba County. Numerous power failures.								
Chowan, Pasquotank Counties	9	7-9pm							4	4	
			Hail damaged vegetable crop in Pasquotank. Lightning-set fire destroyed historic church near Edenton, in Chowan County.								
Caldwell, Catawba, Cleveland, Gaston, Herfords, Mecklenburg, Rutherford Counties	12	Aftn & evening							5	4	
			Thunderstorms struck several areas, with hail ranging from marble to golf ball size, damaging winds, and severe lightning. Lightning set several minor fires, caused power & telephone outages. Trees blown down, roofs off. Hail damaged crops and gardens. Several traffic accidents during heavy storms in Charlotte and elsewhere caused some injuries and at least one fatality.								
Piedmont, Eastern mountains	12-16	--							5	5	
			Heavy rains over a wide area caused flash flooding of small streams and some flooding of main rivers. Much field erosion, some flooding of basements, roadways and campsites. Construction sites flooded, work delayed. Young crops damaged.								
Beaufort and Craven Counties	13	9:50 - 10:30am	45	300	0	0	5	0		Tornado	
			Path broken. First struck a rural area ten miles west of New Bern, damaging several homes, destroying a mobile home and five farm buildings; killed several swine. Witness reported buildings "suddenly flew apart". Moved in a skipping path northeastward doing only occasional minor damage until it crossed the Pamlico River near Bayview. Moving toward Belhaven the storm destroyed 15 farm buildings and severely damaged 10 others in two areas along North Carolina Highway No. 92. Struck town of Belhaven and there destroyed seven mobile homes and two business buildings; severely damaged three other mobile homes, three frame houses and four business buildings; did minor damage to 20 other homes; removed steeple from a church, and damaged its roof. No fatalities; the only injury was not due directly to the storm; woman hurt helping persons trapped in an overturned mobile home.								
Pitt County	13	1:00pm							4	0	
			Sudden windstorm demolished garage and repair shop near Grimesland; damaged several autos. Flying roof metal slightly damaged another nearby building. Power and telephone lines broken in area. Rain and hail accompanied the storm.								
Columbus County	16	3:00am							0	4	
			Damaged tobacco and fruit crops; and home gardens.								
Alamance, Rowan Counties	16	Early aftn							4	4	
			Lightning struck two homes near Salisbury, caused fires and electrical damage. Hail damaged tobacco three farms in Alamance County.								
Edgecombe, Warren Counties	27	1:00pm							0	4	
			Scattered damage to corn, cotton & tobacco crops; two areas.								
Cabarrus, Catawba, Guilford, Randolph, Stanly, Wake Counties	28	Early morning							5	0	
			Widespread morning thunderstorms caused scattered minor damage, burned two homes and a barn, and caused power & telephone outages.								
North Dakota											
Washburn	17	6:38p								Funnel cloud, hail	
			Sheriff reported definite funnel and pea-sized hail.								
Ohio											
Marion Area, Marion County	6	2:50a	8	150	0	3	5			Tornado and rain	
			A small tornado touched ground just southwest of Marion along State Route 4. At this point a cement block building and two mobile homes were demolished. The tornado then lifted a few seconds before touching down again selecting one small home where the roof was lifted from a small frame home and an adjoining garage was completely destroyed. The path of the tornado again disappeared only to be located again east of the city along State Route 95 where another mobile home was demolished and a truck was blown across the highway. Three miles farther along toward the ENE a large tree was broken near the ground and fell into the front yard of a small country church with its windows blown out. Heavy rains accompanied the storm.								
Central Third of State	6	Morning			1	0	5			Rain, wind and electrical	

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Ohio (continued)									
									A series of thunderstorms ripped across much of Ohio. Strong winds, lightning and heavy rains were reported in many areas. The rains were particularly heavy in the central third of the State. 3.53 inches fell at Gallon in Crawford County; 3.45 at Baltic in Tuscarawas County while Peoli in the same county had 2.85; Berlin in Holmes County 2.8; Pandora, Putnam County 2.74; Stillwell, Holmes County 2.6; Shreve, Wayne County, 2.5; Bellefontaine, Kenton and Coshocton, 2.0. A flash flood watch was issued for eastern Ohio including Monroe, Belmont, Jefferson, Columbiana, Mahoning, Trumbull, and Harrison Counties. One Belmont man drowned in the flash flood. Lightning set fires and utility interruptions were common.
Xenia Area, Greene County	7	4:33p							Funnel aloft Highway patrol reported a funnel cloud aloft west of city.
Perrysburg Area, Wood County	16	1:30p	1	150	0	0	4		Tornado A storm described by witnesses as a tornado touched ground in a field northwest of Five Points and Lime City roads. It swept eastward cutting a 100-year old school building in to, damaged one corner of a home and blew out the end of a barn. Several other houses in the area suffered wind damage.
Bucyrus, Crawford County	16	3:30p							Funnel aloft Public reported a funnel aloft about 9 miles west of Bucyrus.
Entire State	16	After-noon-evening			0	2	5		Wind, electrical, rain and hail Severe spring storms accompanied by hail, lightning and high winds lashed across the State causing widespread damage. In Oxford, wind ripped to pieces an unfinished apartment building causing \$50,000. damage. Total damage in Oxford, including cars struck by toppled limbs was set at \$100,000. Two parked planes sustained damage in Sandusky. A house trailer near Fremont was demolished when it was blown over by strong winds, landing on top of a car. Trees and utility lines were common victims of the storm throughout the State.
Canal Winchester, Fairfield County	16	6:11p	Short	Narrow	0	0	3		Tornado A small tornado demolished a house trailer near State Route 33 just east of Canal Winchester. The storm first spotted near Groveport touched ground only briefly and moved toward the ENE.
Scattered Areas	19	After-noon-evening			0	0	4		Electrical and wind A tree felled by lightning landed on a Wellington (Lorain County) home causing \$5,000. damage. Lightning struck power lines in Tipp City (Miami County) and flowed into the city power plant causing a fire in the switch board.
Lima Area, Allen County	24	3:40p							Funnel aloft Public reported a funnel cloud just northwest of the city.
Lakeview Area, Logan County	24	10:20p	1	150	0	0	4		Tornado A tornado dipped to the ground on a farm north of Lakeview, tore the roof from the two story home and demolished two barns. All windows and doors were blown out of the home. Neighbors heard an unusual noise like a train or an airplane before the storm hit. A convalescent home 100 yards away from the two story home was not damaged. The storm moved toward the northeast. No one was injured despite the extensive damage.
Entire State	24-Evening-25 morning				0	5	6		Electrical, wind and rain A Troy father (Miami County) and his two sons were struck by lightning. The father received severe burns. A Springfield couple were injured in their home by a falling chimney. Minor wind damage was extensive throughout Ohio. Utility companies reported widespread but minor damage from downed trees or limbs. Small buildings and patio covers were common victims to the gale force winds. Norwalk received 2.2 inches of rain from the evening storm, the largest storm amount since the July 4, 1969 storm and flood. Fostoria, Lima and St. Marys recorded 2.40, 2.69, and 2.78 inches respectively. Lightning set fires destroyed barns near Clyde (Sandusky County) and Penlan (Morrow County).
Oklahoma									
Maurika area, Jefferson County	4	Between 7:30p.-8:00p.			0	0	4	0	Wind, funnel aloft Strong winds damaged four barns. One funnel cloud was sighted.
Welch, Craig County	5	4:30p.							Funnel aloft
Near Claremore, Rogers County	5	4:30p.-5:00p.			0	0	0	0	Hail Considerable hail fell in the area but was mostly small in size and caused no reported damage. There were a few scattered reports of hen egg and golf ball size hail.
Ficher, Ottawa County	5	4:50p.			0	0	0	0	Tornado A tornado touched ground briefly but caused no damage.
Pryor, Salina and Spavinaw areas, Hayes County	5	5:08p.-5:45p.	15	200	0	0	4	0	Tornado A tornado moved from just southwest of Pryor at 5:08 p.m. to near Salina at 5:19 p.m. and to 5 miles south of Spavinaw at 5:43 p.m. One man watched the funnel return to earth northwest of Salina and took several clear pictures. Damage was generally light along the path with the heaviest damage at a farmstead 5 miles south of Spavinaw.
Muskogee, Wagoner, and Cherokee Counties	5	5:43p.-6:53p.	35	400-800	0	0	5	0	Tornado, 3 waterspouts At least one tornado was first sighted 4 miles west of Haskell in Muskogee County at 5:43 p.m. The storm then moved across Haskell toward Okay in Wagoner County. A span of a bridge across the Arkansas River was removed by the storm. Next struck was Okay and Sequoyah State Park before the tornado was last sighted on the ground 7 miles west of Tahlequah in Cherokee County at 6:53 p.m. At Haskell, 11 barns, 14 horses, 4 mobile homes and 7 cars were damaged or destroyed. At Okay, 8 mobile homes were destroyed and 9 others damaged. The Western Hills Lodge at Sequoyah State Park was damaged extensively. Two persons reported sighting at least 3 waterspouts on Fort Gibson Lake.
Between Porter and Coweta, Wagoner County	5	5:55p.			0	0	0	0	Tornado A tornado was reported on the ground briefly.
Near Westville, Adair County	5	About 7:00p.							Funnel aloft
NE of Spiro, LeFlore County	6	7:50a.							Funnel aloft
Checotah and Eufaula areas, McIntosh County	6	5:27p.-6:01p.			0	0	0	0	Hail, 2 funnels aloft Golf ball size hail and two funnels aloft caused no reported damage.
Warner and Webbers Falls areas, Muskogee County	6	5:30p.-6:00p.			0	0	7	0	Hail, 2 funnels aloft Baseball size hail caused what appeared to be minor property damage. Two funnels aloft were sighted, one 2 miles south of Webbers Falls, the other just east of Warner.
Purcell, McClain County	6	5:45p.							Funnel aloft
Between Pierce and Checotah, McIntosh County	6	6:01p.							Funnel aloft
2N Checotah, McIntosh County	6	6:03p.							Funnel aloft
Just W of Checotah, McIntosh County	6	6:06p.							Funnel aloft
Elmore City area, Garvin County	6	6:15p.	?	*4	0	0	5	?	Hail, lightning Three-fourths-inch to 4-inch hailstones caused heavy property damage and some crop damage. Three cows were killed by lightning. The storm moved from the southwest toward the northeast.
North of Sallisaw, Sequoyah County	6	About 6:30p.	Short	Narrow	0	0	3	0	Tornado A tornado touched down briefly north of Sallisaw and destroyed a mobile home and an unfinished service station. The tornado was indicated by radar earlier west in Haskell County.
Northeast of Checotah, McIntosh County	6	6:38p.							Funnel aloft
12 S Tulsa, Tulsa County	6	7:15p.							Funnel aloft
Maud area, Seminole County	6	8:00p.-8:20p.	12	*4	0	0	3	4	Hail, wind One-half- to three-fourths-inch hail caused considerable property and crop damage within the area. Winds were estimated at 50 MPH.

See reference notes at end of table.

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MAY 1971

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					KILLED	INJURED	PROPERTY	CROPS	
Oklahoma (continued)									
Holdenville, Hughes County	6	10:30p.							Funnel aloft
Jackson County	9	4:19a.			0	0	3	7	Hail
					Up to 3/4-inch hail caused some property and crop damage. The heaviest damage was south of Duke, west of Altus, where several roofs were damaged.				
Temple, Cotton County	9	4:53p.			0	0	0	0	Hail
					Up to 1 3/4-inch hail caused no reported damage.				
Muskogee and Fort Gibson, Muskogee County	10	9:45a.-10:00a.			0	0	1	7	Hail
					Hailstorm caused heavy damage to home gardens and minor property damage. Most of the hail was pea size although some stones of 1 1/2 inches were reported.				
Stillwell area, Adair County	10	12:30p.-12:50p.	14	*6	0	0	5	5	Hail
					Hailstones up to 1 inch in diameter covered the ground. Roofs were heavily damaged, also the peach and apple crops.				
20 NW Stillwater, Payne County	10	1:40p.							Funnel aloft
5 NW Stillwater, Payne County	10	3:00p.							Funnel aloft
Just N of Bearden to Just S of Okemah, Okfuskee County	10	About 4:45p.	5	600	0	0	5	4	Tornado, Hail
					A tornado dipped to the ground just north of Bearden on Highway 48 damaging three rural homes. The path of the tornado was about 1 1/2 miles long north of Bearden. The funnel next lowered to the ground just south of Okemah where it damaged utility lines. The path of the storm south of Okemah was one mile long. Up to 2-inch hail caused considerable property and crop damage.				
1 W Eggs, Okmulgee County	10	5:30p.	4	*2	0	0	0	0	Hail
					One- to 3-inch hail caused no reported damage.				
10 E Ardmore, Carter County	10	About 6:15p.			0	0	0	0	Hail
					Public reported hailstones of 1/2- to 3/4-inch covering the ground but there was no reported damage.				
Tulsa, Tulsa County	10	About 6:30p.			0	0	7	0	Hail
					Scattered hail with some stones of 1 3/4-inch size were reported over the greater Tulsa area. Property damage was described as very light.				
5 WNW Bufala, McIntosh County	10	7:45p.							Funnel aloft
Southern Okfuskee County and Northern Hughes County	10	Evening			0	0	7	7	Wind, hail
					Considerable wind and hail damage resulted from a storm during the evening. Size of the hailstones was not known.				
SW of Pawnee, Pawnee County	10	Evening	2	75	0	0	4	0	Tornado
					A tornado touched down damaging or destroying buildings on three farmsteads.				
Grandfield, Tillman County	17	Early a.m.							Funnel aloft
SW of Lone Wolf, Kiowa County	18	Early a.m.			0	0	3	0	Wind
					Strong winds, possibly associated with a funnel aloft, damaged a barn and utility shed.				
Ferry, Tonkawa, and Blackwell areas, Noble and Kay Counties	18	About 4:20a.			0	0	5	0	Wind
					Strong winds, measured at 72 MPH, caused scattered property damage.				
Lamont and Bidy areas, Grant and Kay Counties	18	5:00a.	5	*1	0	0	3	0	Wind
					Strong winds, described as straight, damaged several buildings in the area and uprooted some trees.				
10 W Tulsa, Tulsa County	18	4:36p.			0	0	0	0	Hail, wind
					One and three-fourths-inch hail and strong winds caused no reported damage.				
Owasso, Tulsa County	18	4:45p.			1	0	0	0	Lightning
					Man was killed by lightning on Little League baseball field.				
Oklahoma (continued)									
3 W Sand Springs, Tulsa County	18	4:51p.			0	0	3	0	Wind
					Strong winds damaged some buildings and trees.				
Bixby, Tulsa County	18	5:20p.			0	0	0	0	Hail
					Three-fourths-inch hail caused no reported damage.				
West of Foyil to 2 E Bushyhead, Rogers County	18	About 6:30p.	8	100	0	0	3	0	Tornado
					A tornado touched the ground just west of Foyil where a barn was destroyed, then 2 miles east of Bushyhead where several buildings were damaged or destroyed. One man reported seeing the funnel on the ground west of Foyil.				
SW of Collinsville, Tulsa County	18	Late Afternoon			0	0	3	0	Wind
					Strong, straight winds unroofed a large hen house.				
Guymon, Texas County	21	3:10p.			0	0	0	0	Hail
					Three-fourths-inch hail caused no reported damage.				
Northern 1/5 Beaver County	21	4:45p.	20	*4	0	0	7	7	Hail
					Up to 4-inch hail damaged 10 to 100% of the wheat crop, roofs, and windows of buildings, and automobiles.				
Woodward, Woodward County	21	About 6:00p.			0	0	7	0	Wind, hail
					Winds of 50 MPH and golf ball size hail damaged only trees in area.				
Garfield County	22	12:15a.-12:40a.			0	0	0	0	Hail
					Hail of 1 inch to 1 3/4 inches was reported on the north edge of Enid and toward Carrier to the west. There was no reported damage.				
Pryor area, Mayes County	22	2:45a.			0	3	4	0	Wind
					Seventy MPH wind caused spotty damage over the area. Three persons were injured when their mobile home was overturned.				
Grove, Delaware County	22	2:45a.	3	100	0	0	5	0	Tornado
					At least one tornado caused extensive property damage to trees, utility lines, along with several homes and business houses. Five planes were damaged at the airport. Several persons reported hearing a loud roar.				
Ponca City, Kay County	22	4:05a.			0	0	4	0	Wind
					Winds measured at 60 MPH damaged several portable buildings at a school. There was also scattered lesser damage within the area.				
Tulsa, Tulsa County	22	5:40a.			0	0	0	0	Wind
					Wind of 58 to 68 MPH caused no reported damage.				
15 E Hobart, Kiowa County	23	About 8:00a.							Funnel aloft
Enid area, Garfield County	23	8:28a.			0	0	7	0	Wind
					Winds of 58 MPH were reported at Vance AFB and minor wind damage occurred 7 miles north-northeast of the airbase.				
Ponca City, Kay County	23	8:36a.			0	0	0	0	Wind
					Eighty MPH wind at the airport caused no reported damage.				
Velma, Stephens County	23	1:20p.-1:35p.			0	0	3	0	Hail
					Up to 2-inch hail covered the ground but property damage was scattered and generally light.				
7 SW of Ada, Pontotoc County	23	3:30p.			0	0	0	0	Tornado
					A tornado touched ground briefly in open country causing no damage.				
Grand Lake Towne, Mayes County	23	4:00p.			0	0	4	0	Tornado
					A small tornado touched down briefly damaging trees and a boat dock.				
Tussy, Carter County	23	p.m.			0	0	0	0	Hail
					Golf ball size hail caused no reported damage.				
Elmore City, Garvin County	26	Afternoon							Funnel aloft
Gage, Ellis County	26	4:10p.			0	0	0	0	Wind
					Fifty-eight MPH wind measured at Gage Airport, but no damage reported.				

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Oklahoma (continued)									
Walters, Cotton County	26	4:35p.							Funnel aloft
Fairfax, Osage County	26	4:45p.			0	0	?	?	Hail, wind, rain
					Strong, straight winds and hail up to 1 3/4 inches in diameter caused extensive damage to trees, gardens, and several business houses. Most of the damage appeared to have been caused by the strong wind. Large hail and heavy rain was reported at Fairfax at 5:04 p.m. and golf ball size hail was reported at 5:13 p.m.				
Creek County	26	5:00p.-7:30p.			0	0	?	0	Wind
					Strong wind of approximately 75 MPH caused extensive damage to trees, buildings and utility lines at Sapulpa. Damage was reported as light elsewhere within the County.				
Muskogee County	26	5:00p.-8:30p.			0	0	?	0	Wind
					Wind estimated at 60 MPH caused scattered light damage within the County.				
Pawnee, Ralston, and Cleveland areas, Pawnee County	26	5:30p.			0	0	?	6	Hail, wind
					Large hail up to 1 1/2 inches in diameter and winds estimated around 75 MPH caused heavy damage to roofs and windows, small grain, corn and sorghum and pastures. Hail was measured as deep as 8 inches on the ground. Some fields appeared to have been mowed.				
Hominy, Osage County	26	About 5:30p.			0	0	?	0	Wind
					Strong wind caused an unknown amount of damage to trees and utility lines.				
Payne and Northern Lincoln Counties	26	5:30p.-7:30p.			0	0	4	0	Wind, funnel aloft, lightning
					Wind up to 90 MPH caused scattered damage in Payne County, largely to trees and roofs of buildings. A hay barn near Yale was struck by lightning and burned. Civil Defense spotters sighted a funnel aloft southwest ofushing toward Agra at 5:55 p.m.				
Tulsa County	26	6:00p.-7:15p.			1	75	6	0	Wind, hail, heavy rain
					Strong wind measured at 69 MPH by the National Weather Service at Tulsa International Airport and at 91 MPH by the Federal Aviation Agency at Riverside Airport caused considerable damage across the County. Hardest hit was Tulsa and Broken Arrow. Some damage appeared to have been associated with a funnel, but none was sighted by the public and none was indicated by the National Weather Service radar. Hail of unknown size and heavy rain added to the severity of the storm. One girl died from head injuries after being struck by a wind-blown tree limb. As many as 75 persons were reported injured by varying degrees.				
Waynoka to Carmen, Woods and Alfalfa Counties	26	Late Afternoon			0	0	0	?	Hail
					Hail of unknown size caused considerable damage to the wheat and barley crops. Loss in some fields was reported at 100 percent.				
East of Wagoner, Wagoner County	26	About 7:00p.			0	0	4	0	Wind
					Strong wind heavily damaged a boat deck.				
Oklahoma County	26	7:30p.-8:00p.			0	1	5	0	Wind, rain, lightning, funnel aloft
					Winds up to 75 MPH heavily damaged trees in Oklahoma City. A few fires were caused by lightning. A funnel aloft was sighted at Jones in the eastern part of the County. One-fourth-inch hail caused no reported damage. One man was injured by a falling tower.				
Norman area, Cleveland County	26	About 8:00p.			0	0	?	0	Wind
					Strong wind caused considerable damage to utility lines, trees, and a few homes and businesses. Damage was scattered and not extensive in any area.				
Walters, Cotton County	26								Funnel aloft
Ardmore area, Carter County	26	Evening			0	0	?	0	Wind
					Strong, straight wind tore down trees in Ardmore, temporarily cut off electrical service and caused extensive damage at Lake Murray and at Ardmore Airpark. There were no estimates of the wind speed.				
J S Boise City, Cimarron County	28	6:23p.			0	0	?	0	Tornado
					A tornado was reported by the Highway Patrol to have touched down briefly damaging several buildings.				
North Tulsa County	31	4:15p.			0	1	2	0	Tornado
					A tornado touched down briefly damaging three buildings and knocked down a telephone pole. One person received minor injury. One person reported hearing a roaring noise.				
Oklahoma (continued)									
Calumet area, Canadian County	31	6:10p.-6:30p.			0	0	4	0	Wind
					Straight wind measured at 45 MPH before peak wind hit and damaged trees and several buildings.				
Elk City area, Beckham County	31	7:00p.-8:00p.			0	0	5	0	Hail, rain
					Up to 1 1/2-inch hail and heavy rain caused considerable property and crop damage. Much of the cotton was covered up by the heavy rain and will need to be replanted.				
Oklahoma City, Oklahoma County	31	Evening			0	1	?	0	Wind
					Strong, straight wind blew over a revival tent containing 600 people. One lady was injured slightly.				
Chickasha, Grady County	31	Evening			0	0	?	0	Wind, rain
					Strong wind damaged trees and downed power lines. Highway 9 west of Chickasha was closed by high water.				
Oregon									
Merrill, Klamath County	7	1:50p			0	1	2	0	Electrical
					A 17-year-old girl was injured at her Merrill home when a lightning bolt hit a telephone wire and followed it into the home and through the receiver. The charge ruptured her left ear drum and burned her neck, across the top of her back and down her right arm to her elbow.				
Northern coast of Oregon	15-16	1:00p, 15-5:00a, 16	120		0	0	4	0	Wind
					A Pacific storm center moving northeastward onto the north Washington coast also furnished damaging wind along the northern coast of Oregon. Newport WSO recorded hourly average wind speeds above 40 mph from 1:00-5:00p.m. with fastest mile of 47 mph from the SSW at 3:10p.m. Astoria WSO recorded its fastest mile of 35 mph from the WSW at 11:50a.m. with fastest gust of 53 mph observed at 2:12, 3:05, and 3:30p.m. The Columbia River Lightship at 46.2° N and 124.2° W recorded southwesterly and westerly winds during the storm with speeds up to 63 mph observed at 4 p.m. and wave heights up to 34 feet indicated. The damaging winds collapsed a 50th Street wharf at Astoria. The falling debris tumbled onto fishing boats, cutting lines and sinking one vessel. Three other boats were driven across a shallow bay and beached. The storm also washed a dead whale ashore near Manzanita. Winds in the Portland area resulted in several downed power lines and whipped a house fire out of control.				
Unatilla County	16	Most of day			0	0	0	0	Wind
					Windy conditions were most intense across the county between 8 a.m. and 3 p.m. Blowing dust from fields reduced visibility to near zero along Interstate 80N between Echo and Rieth Ridge. Pendleton WSO at the airport recorded wind gusts up to 52 mph at 6:32 p.m.				
Bellfountain, near Benton County	17	5:53p-6:03p							Funnel Aloft
					An observer at Eugene WSO sighted a funnel aloft positioned about 15 miles northwest of the Eugene airport. It was also observed by FAA personnel and employees at the Corvallis airport. The funnel was observed for 10 minutes before pulling back into the 4900-foot cloud base.				
Central Oregon	21	10:00a-6:00p	80	*20-40	0	0	4	6	Wind
					An intense windstorm caused heavy blowdown of timber in scattered areas of the Ochoco and Malheur National forests in central Oregon. Blowdown was estimated at 100 to 112 million board feet with up to 90 percent estimated as recoverable. Winds estimated in excess of 70 mph caused 30 to 70 percent blowdown in some areas. One logger reported that 25 trees hit the ground around him before he could leave his area. The downed trees caused lbs of 22 miles of telephone lines, blocked 180 miles of mainline roads and 500 to 1,000 miles of secondary roads, and damaged range fences. Nine miles of fence will have to be reconstructed while another 120 miles will require moderate to heavy repair. The Delintment Lake Campground on Snow Mountain was closed by 70 downed trees in the camping area. Nearest recorded winds at Burns WSO showed gusts of 35 to 40 mph between 10 a.m. and 6 p.m. A peak gust of 46 mph was recorded from the north at 4:58 p.m. The Redmond FSS recorded a maximum gust of 35 mph from the NNE at 12:58 p.m.				
Baker area, Baker County	21	Midday	?	?	0	0	4	0	Wind
					Gusty winds in the Baker area caused some damage to 40 roofs, toppled signs and blew over several trees snapping power and TV cables. A corrugated metal roof was stripped from one building and draped over a nearby power transformer in the alley. Winds at Baker FSS gusted up to 54 mph from the northwest at 1:00 p.m.				
Heppner area, Morrow County	25	2:00p-4:00p	15	*8	0	0	6	4	Rain and Hail
					Heavy thunderstorms moving northeastward across the southern part of Morrow County produced a damaging flash flood at Heppner. Intense rain of 0.20 inch in 15 minutes began at 2:05 p.m. followed by another 0.15 inch during a half hour ending at 3:50 p.m. More intense rain was reported just south of the town on Willow Creek.				

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
<b>Oregon (continued)</b>										
										<p>Bale Fork, and Shobe canyons. Debris laden flood waters up to three feet deep rushed down Chase, Main, and Canyon streets damaging 35 business and residential buildings. Three bridges were washed out and the municipal swimming pool may prove to be a total loss. Utilities in the southern part of town also included broken water and sewer mains. Total damages estimated at \$750,000 included \$46,000 in hail loss and \$4,000 loss from livestock. Hail damage was reported 8 miles east and south of Heppner in the Hinton Creek and Baisey Canyons areas. Most hail averaged 1/2-inch size covering the ground 4 inches deep in places with largest stones ranging up to 1 inch in diameter. Governor Tom McCall declared a state of limited emergency disaster in Morrow County.</p>
McMinnville, near Yamhill County	25	3:55p-4:20p	0.4	25	0	0	3	0	Tornado	
										<p>A small slow moving tornado touched down briefly at a rural home along Booth Bend Road 1.8 miles south-southeast of the McMinnville Post Office. The funnel aloft was watched by many persons as it hung about half way to the ground and moved slowly east-southeastward. It seemed to almost retreat into the 5,000-foot cloud base before dipping to the ground where it unroofed part of a barn and damaged a home. Local residents watched the whirling debris in the funnel as it touched the ground several more times while moving 0.4 mile across a grassy pasture. The tornado then lifted aloft with some of the debris knocking upper limbs from tall fir trees about a mile away from where it first touched down. The farm home was saved from greater damage when a garbage can was blown through the kitchen window. This helped equalize the inside-outside pressure but sucked a section of weaker ceiling tile from the dining room and swirled insulation throughout the home.</p>
Baker County	26	6:00p-8:00p	60	*60	0	0	4	4	Rain	
										<p>Scattered thunderstorms across the Baker area produced 0.40-0.80 inch of precipitation during the storm period. Most stations indicated intense rainfall at times with 1/2-inch size hail reported at Mason Dam. Cloudburst conditions occurred in the Maggie Peak area about 10 to 15 miles north of Baker. The north end irrigation canal was completely filled with earth at several points and silted extensively for several miles. The flash flooding washed soil measuring from a few inches to a foot deep in places from 50 acres of reclaimed land about to be seeded and another 50 acres that had been sown. A trash dump was also washed onto 250 acres of alfalfa. A number of other farms received field damage and numerous road culverts were either filled with trash or washed out.</p>
Milton-Freewater, Umatilla County	26	6:30p-8:50p	14	*10	0	0	4	4	Rain and Hail	
										<p>An intense thunderstorm in the Milton Freewater-Walla Walla area caused local flash flooding centered over the Spofford area, located 4 miles northeast of Milton Freewater. An unofficial total of 3.36 inches of rain was recorded at Spofford while official stations nearby received varied totals. Walla Walla WSO recorded 1.84 inches occurring mostly from 6:30 p.m. to 7:20 p.m. with 1.70 inch of the total received in 46 minutes and 1.56 inches in 30 minutes. The 24-hour total of 1.91 inches at Walla Walla was the third greatest since 1886. Milton Freewater 4 WSO recorded only .18 inch of moisture. Heaviest damage in the Spofford area included 600 acres of peas hurt with 200 acres pounded into the ground, 200 acres of wheat flattened, and 200 acres of asparagus mostly reduced to bruised stubs or silted in to depths up to 8 inches. Some soils washed badly causing damage to sugar beets. A 3.5- by 0.5-mile hail path centered across Spofford from northwest to southeast also damaged crops and hurt apple and prune trees. Hail stones were estimated at mostly 1/2-inch size. Additional loss was caused from washed roads and two damaged bridges.</p>
Paisley Area, Lake County	27	Late Evening	12	5	0	0	4	4	Rain and Hail	
										<p>Strong thunderstorms centered about 13 miles south of Paisley furnished intense rainfall in the upper reaches of the Chewaucan River and Moss Creek basins extending generally from Buck Mountain to Tucker Hill. Flash flood conditions on the Chewaucan River washed out a 60-foot irrigation diversion weir about one-half mile south of Paisley. Some flooding of hay fields was reported, and water and debris stalled traffic on SH 51 for several hours. Flash flooding also occurred along Moss Creek where hail up to 1-1/2 inches in diameter fell along a 1-1/2 by 5 mile path extending from Moss Creek Pass on the south to Tucker Hill on the north. The stream flowed 200 yards wide and was over two feet deep where it crossed SH 31 near the Gilson farm. Fences were damaged and hail washed to depths of three feet and more in some ditches.</p>
Pacific Truk District	1				1	41	6	6	Typhoon	
										<p>After several days in the formative stage near Ponape, Typhoon AMY moved west-northwestward through Truk District in the Eastern Caroline Islands and passed over the islands in Truk Lagoon and Uluk in Namoniro Atoll, damaging 1,900 homes (estimated \$1.3 million), 75-80 percent of the agriculture (estimated \$1 million), public facilities (estimated \$1.5 million) and business buildings (estimated \$135,000). A boy was killed by a falling tree. Twenty-eight of injured suffered puncture wounds from stepping on nails and pieces of metal. At main island of Moen, located in Truk Lagoon, "fastest mile" recorded was 78 mph from the south, peak observed gust was 113 mph from the northeast, total storm rainfall was 7.94 inches and lowest sea-level pressure was 28.793 inches.</p>
<b>Pacific (continued)</b>										
Guam	3				0	0	4	5	Typhoon	
										<p>Accelerating and increasing in strength moving towards the northwest after leaving Truk District, Typhoon AMY passed about 95 miles south-southwest (closest point) of Guam at 4 a.m. with 160 mph maximum surface wind speed near its center. Peak gust was 78 mph at 7:12 a.m. at Nimitz Hill and lowest sea-level pressure was 29.26 inches at Agaña. 9.92 inches of rain fell in 24 hours (highest for 14 years of record), with intensities of 1.42 inches in half-an-hour, 1.89 inches in 1 hour, 2.83 inches in 2 hours, and 4 inches in 3 hours.</p>
Mariana Islands District	3-5				0	0	4	5	Typhoon	
										<p>Moving past Guam, Typhoon AMY recurved towards the north-northeast about 230 miles west of Saipan on the 4th, passing 80 miles north-west of Agrifan, the northernmost inhabited island, on the 5th, with maximum surface wind of 135 mph near its center. Continuing northeastward, AMY became extratropical over colder water on the 8th. On Rota, the East Dock seawall was destroyed, the bulk storage tanks and feeder pipelines were damaged and crops suffering severe damage. At Pagan tar paper roofing on a school building blew off. Aerial survey of Agrifan and Alamagan found little or no damage to homes and other structures.</p>
Pennsylvania Beaver County	12	Afternoon			0	0	3	0	Lightning	
										<p>In Rochester a house was hit by lightning causing considerable damage to the chimney and the interior of the structure. The New Brighton radio network was apparently knocked out by lightning.</p>
North-Central Pa.	17	Afternoon & evening			0	0	4	3	Hail, Lightning	
										<p>Sabinsville in Tioga County reported hailstones the size of golf balls. In Williamsport, Lycoming County, at least two homes were hit by lightning.</p>
Clearfield County	19	11 PM			0	0	4	4	Rain, hail	
										<p>In Curwensville heavy rain and marble-sized hail shredded leaves from trees and flooded streets and basements.</p>
York County	22	4:20 PM			0	0	4	0	Lightning	
										<p>Fire, apparently caused by lightning, destroyed a house trailer and an attached frame addition in York. Estimated damage \$12,000.</p>
Southeastern Pa.	25	Afternoon			0	0	5	4	Wind	
										<p>A thunderstorm knocked the roofs off five homes in the Northeast Philadelphia area, felled large trees and a roof crushed a parked car. Heavy wind caused minor damage throughout Lebanon County.</p>
Puerto Rico										None reported
Rhode Island										None reported
South Carolina Richland County	2	8:00 p.			0	0	0	0	Funnel cloud	
										<p>Funnel cloud reported by public in Columbia.</p>
Richland County	12	4:30 p.	1/2	30	0	0	0	1	Tornado	
										<p>A small tornado dipped to the ground briefly near Elythwood about 15 miles north of Columbia. A witness saw the funnel, heard a roar and reported several trees twisted off.</p>
Pickens County	12	7:00 p.			1	2	0	0	Thunderstorm, lightning	
										<p>A 17 year old boy was killed by a lightning strike in the yard of his home in the city of Pickens. His brother and another youth were thrown to the ground but escaped with only minor burns. The victim had a single burn mark on his forehead. He was knocked down, then got up and staggered about 20 feet before collapsing fatally.</p>
Laurens County	12	8:30 p.			0	1	4	0	Thunderstorm, high winds	
										<p>Considerable damage was done by high winds accompanying a severe thunderstorm in the Durbin area about 5 miles north of the town of Gray Court. Many trees were downed, two mobile homes badly damaged, one brick house damaged and a frame house pushed about 10 feet off its foundation. There were five people in the frame house and a woman was injured slightly. There was a man in one mobile home but he was not injured. Several small outbuildings were damaged and two piggy-back campers were blown about and damaged severely.</p>
South Dakota 155SE Dupree	15	1:00 a			0	0	0	0	Hail	
										<p>Hail up to golfball size but no damage reported.</p>
50ESE Ellsworth Air Force Base	30	1:40 p							Funnel cloud aloft	
8NW Marcus	31				0	0	?	?	Flash Floods	
										<p>Rainfall of .95 inch on 30th and 2.95 inches on 31st washed out roads.</p>

See reference notes at end of table.

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MAY 1971

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					KILLED	INJURED	PROPERTY	CROPS	
Tennessee Greene County	2	p.m.			0	0	0	0	Hail
			Hail 1/4 to 3/4 inch in diameter reported.						
Clinton, Anderson County	5	7:30 p.			0	0	?	0	Flooding
			Local flooding of Town Creek caused water damage to buildings along North Main Street.						
Davidson County	6	3:00 p.							2 Funnel clouds aloft
			A pilot reported two funnel clouds about 15 miles east of Nashville.						
Lawrence, Maury Counties	6	6:26 p.	Short	Narrow	0	0	0	0	Tornado, funnel cloud
			Small tornado dipped down in wooded area, 8 miles southwest of Lawrenceburg. No damage reported except to trees. This tornado lifted and was later seen as a funnel cloud aloft 12 miles southwest of Columbia in Maury County.						
West Tennessee	7	5:45 p.	50	100	3	137	7	0	Tornado, hail
			Tornado first touched ground three miles east of Bradford in Gibson County where it destroyed an unoccupied mobile trailer. From this point the tornado left an almost continuous path of destruction through Huntingdon and Buena Vista in Carroll County to Eagle Creek in Benton County. At times only tree top damage was evident of wind damage. After crossing the Tennessee River, the tornado cut a path through Linbar Land just north of Cuba Landing in Humphreys County. The length of the path from the initial touchdown of the tornado to Eagle Creek is approximately 44 miles. Including the path in the vicinity of Cuba Landing would give a total path of 50 miles. At 9:26 p.m., golfball-size hail covered the ground in the Kenton-Greenfield area about 15 miles northwest of Bradford. Forty-nine houses were destroyed in the storms path, and major damage was inflicted to the National Guard Armory and the Hale Elementary School in Huntingdon, and to the Post Office and a church in Buena Vista. Compiled by the Office of Civil Defense, property damage estimates were \$10,000 in Gibson County, \$175,000 (including \$150,000 timber loss) in Benton County, and \$5,500,000 in Carroll County. Crop damage was estimated at \$50,000. No estimate of loss of property and crops was available from Humphreys County. The tornado moved from west-northwest to east-southeast at 85 to 45 mph.						
Carroll, Benton, Humphreys, Hickman Counties	7	6:00 p.	25	50-100	0	0	5	0	Tornado, hail, windstorm
			Tornado touched ground near McKensie, moved southeastward causing extensive damage to several rural areas in path. After lifting east of the Tennessee River, storm continued southeastward causing wind and hail damage in Waverly, Only and Centerville areas. Many trees were downed with some on buildings and across streets and highways. Property damage was estimated at \$100,000.						
Sullivan County	7	6:00p.m.			0	0	4	0	Windstorm
			Scattered reports of wind damage to houses and farm buildings in the Buffalo and Cave Hill communities.						
10SW Camden, Benton County	7	7:40 p.			0	0	0	0	Funnel cloud aloft
			Reported by public.						
8NW Centerville, Hickman County	7	7:40 p.			0	0	0	0	Funnel cloud aloft
			Reported by public.						
10S Clarksville, Montgomery County	7	9:15 p.			0	0	0	0	Tornado, hail
			Apparently tornado touched ground briefly in open country with no reported damage. Heavy hail fell but no damage reported.						
Davidson, Wilson County	7	10:00 p.-10:55 p.			0	0	0	0	2 Funnel clouds aloft
			Two funnel clouds sighted, one at 10:00 p.m., 15 miles northeast of Nashville, and also in area 5 miles east of Watertown in Wilson County at 10:55 p.m.						
10SE Jacks Creek, Chester County	11	3:45 p.							Funnel cloud aloft
			Reported by pilot.						
Southwest Tennessee	24	5:00p.-6:35 p.	12	75-100	0	22	5	?	Windstorm, tornado, hail, 2 funnels aloft
			A severe thunderstorm struck the Frayser area of north Memphis and moved northeastward across Shelby County through Arlington. Funnel clouds were observed in this storm, but the first touch down of a tornado occurred just east of Arlington in Fayette County. At that point it destroyed a tenant house, overturned a car and truck as it crossed Interstate 40, then touched ground again briefly at Longtown where several houses were damaged. A resident of the Longtown community observed hailstones nearly two inches in diameter in the rural section southwest of the Interstate 40-Highway 59 Interchange. Four occupants of motor vehicles were slightly injured at this point in overturned automobiles. The tornado next touched down about five miles south of Jackson, Tennessee, at 6:35 p.m., where it destroyed five mobile homes and damaged two others at Stanfield Trailer Court on Highway 45. Eight persons in the mobile homes were injured; the most seriously injured apparently being a fractured jaw. About three miles northeast of the trailer court the tornado destroyed a vacant house and barn and						
Tennessee (continued)									
			damaged several residences and other farm buildings. In Shelby County the wind damaged trees and utility lines between Frayser and Arlington. Golf ball-size hailstones and two funnel clouds aloft were observed by a National Weather Service employee seven miles east-northeast of Millington at 5:15 p.m. In Millington, scattered damage was reported. The greatest wind damage was to machine shop buildings of Toms Steel Company on Old Millington Rd. north of Frayser and to aircraft at the Charles Baker Airport northeast of Frayser. The metal roof was peeled off the first building of Tom Steel and blown into an adjacent building, breaking windows and damaging portions of the wall and roof. Large metal doors on two buildings were blown slightly inward. Also, two empty freight trailers were overturned at Tom Steel. At Baker Airport, eight aircraft were damaged, two severely. Hangars were not damaged. Wind equipment at the Airport, which was located about one-fourth mile from the damaged aircraft, indicated wind in excess of 65 mph, the maximum of the indicator scale. The tornado caused an estimated \$250,000 to property, while damage to property and crops due to hail and wind was not available.						
Nashville, Davidson County	24	8:55p.m.	Short	Narrow	0	3	5	0	Tornado
			Touched down briefly, apparently from same parent storm as tornado in Old Hickory area. Northwest Nashville area: house destroyed and mobile home damaged. In Hendersonville: damage to a house, trees, automobiles, and a number of antennae blow down. Three persons slightly injured by flying glass. Total property damage was estimated at \$150,000.						
Barren Plain, Robertson County	24	p.m.			0	0	?	?	Rain, hail
			A number of grain crops, tobacco, and tobacco beds damaged or destroyed. Hail 2 inches in diameter and rainfall measured 1.3 to 2.0 inches in a 30-minute period.						
Athens, McMinn County	27	4:00p.m.	?	?	0	0	0	4	Hail
			Hail caused extensive damage to trees and some loss of gardens.						
Texas Trans Pecos	4		?	?	0	0	4	?	Windstorm
			Winds gusting to 75 miles-per-hour buffeted El Paso and most of the Trans Pecos region. A high gust of wind in El Paso toppled a construction barricade at the corner of Kansas and Texas. Power and telephone lines were damaged throughout the El Paso area. Winds at Guadalupe Pass measured 71 miles-per-hour.						
Near Vernon, Wilbarger County	4	4:56 p-5:45 p	?	?	0	0	4	4	Hailstorm
			Hailstones up to 1 3/4 inches in diameter fell in central Wilbarger County south of Vernon.						
8 W Hamlin, Fisher County	4	4:58 p-4:59 p	**100	20	0	0	0	0	Tornado
			A tornado touched ground in an open field near the Hitson community about eight miles west of Hamlin; there was no damage.						
1 1/2 S Munday, Knox County	4	5:25 p	2	50	0	0	0	0	Tornado
			A tornado struck 1 1/2 miles south of Munday and travelled across several farms, picking up dirt and debris, but caused no damage.						
Near Athens, Henderson County	5	9:00 p-9:20 p	?	?	0	0	4	0	Windstorm
			High thunderstorm winds damaged several mobile homes in the 4-D Mobile Home Park north of Lake Athens. Two homes were turned over while others lost siding and fences. Hail about one inch in diameter fell in Athens but there was no report of any damage. A mobile home at Payne Springs, northwest of Athens was demolished by the high winds.						
San Antonio, Bexar County	5	11:00 p-11:55 p	7	*2	0	0	7	5	Hailstorm
			Large hail fell in West Central Bexar County including the northwest and north portions of San Antonio. Damage to property was estimated at \$6,000,000 and damage to crops at \$150,000. The most severe damage occurred in the Jefferson High School area of San Antonio. Hailstones averaged 1 1/2 inches in diameter, with largest stones three inches in diameter. Automobile windshields were broken in the Jefferson High School and Woodlawn Hills area. Automobile bodies were dented and the large hail punctured an aluminum carport roof. Holy Cross High School, 426 N. San Felipe Street reported 320 windows in the school gymnasium were broken. All 105 street lights were broken in the St. Mary's University area.						
			Onion and cabbage crops in western Bexar County were heavily damaged by the hail.						
Wichita Falls, Wichita County	6	3:45 a-3:50 a							Funnel aloft
Gainesville, Cook County	6	5:00 a	?	?	0	0	4	0	Hailstorm
			Hail caused considerable damage to mobile homes parked in the Gainesville Mobile Homes Park on U. S. Highway 82 East. The sides of many of the mobile homes were dented by the hail.						

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) Near Palo Pinto, Palo Pinto County	6	12:50 p- 3:00 p	1/2	20	0	0	0	0	3 Tornadoes
									Three tornadoes touched ground in open country near Palo Pinto, but caused no damage.
Mineral Wells, Palo Pinto County	6	1:16 p- 3:10 p	?	?	0	0	5	0	Hailstorm
									Hail up to three inches in diameter fell in the Mineral Wells area. Hailstones averaged two inches in diameter. Eighteen U. S. Army helicopters located 12 miles west of Mineral Wells received some damage. All aircraft not endangered at the Municipal Airport received extensive damages, estimated at more than \$50,000. Automobiles in the area suffered considerable damage also. Damage appeared to be heaviest just southeast of the city. Mobile homes parked at the Johnson Trailer Park south-east of Mineral Wells on the old airport road were heavily damaged.
Bowie, Montague County	6	1:30 p- 3:00 p	?	?	0	0	0	0	Hailstorm
									Hail ranging from "sleet size" up to one inch in diameter fell at Bowie. Average size of the hailstones was between 1/4 and 1/2 inch. There was no report of any damage due to the hail.
Jefferson and Orange Counties	6	2:00 p- 4:05 p	**100	10	0	0	4	0	Tornado, wind and hailstorm, 4 funnels aloft
									High winds and hail accompanied by one small tornado and four funnel clouds aloft struck the northern portions of Jefferson and Orange Counties. The tornado touched down near Mauriceville, northwest of Orange. There was no report of any damage. High winds caused an estimated \$10,000 damage to property - mostly utility lines. Hail up to 1 3/4 inches in diameter fell at China, west of Beaumont, but caused only minor damage.
S Lake Texoma, Grayson County	6	3:00 p- 5:00 p	?	?	0	0	5	0	Hailstorm
									Scattered hail fell in the Pottsboro-Danison area south of Lake Texoma. The hail was heaviest west of Danison and in the Pottsboro area, but no estimate of damage was available. The hail averaged 3/4 inch in diameter with largest stones 1 1/2 inches in diameter.
Tarrant County	6	3:30 p- 5:15 p	?	?	0	0	5	?	Hailstorm
									Two separate thunderstorm cells dumped hail on Tarrant County at about the same time. One began in extreme northwest Fort Worth at about 3:30 p.m. and dumped 3/4 inch hail which covered the ground just north of Lake Worth. One-quarter inch hail fell on the northern edge of Fort Worth at 3:50 p.m. Hail one and one-half inches in diameter fell near Lake Arlington at 4:18 p.m. and in Forest Hills at about the same time; both are in southeast Fort Worth. The hail-bearing cells apparently split over the city of Fort Worth, dumping hail only on the north and southeast sides of the city. Largest hailstones reported were two inches in diameter; average diameter was 3/4 inch.
Dallas County	6	5:30 p	?	?	0	0	6	5	Hailstorm
									Very large hail, ranging in size from 3/4 inch to 2 3/4 inches in diameter, pounded eastern and southern Dallas County. Towns within the damaged area included De Soto, Grand Prairie, Lancaster and Duncanville. Roofs of homes and businesses were damaged and automobile bodies were dented. Agricultural losses were estimated at 10 to 15 percent for wheat and oat crops. This hailstorm was probably a continuation of the hailstorm which struck portions of Tarrant County earlier in the day.
Marble Falls, Burnet County	6	6:09 p- 6:35 p	?	?	0	0	0	0	Hailstorm
									Hail fell in the Marble Falls area. A few hailstones as large as 1 3/4 inches in diameter were reported but there was no known damage.
3 E Longview, Gregg County	6	10:15 p							Funnel aloft
Utopia, Uvalde County	7	4:15 p- 5:25 p	1/2	**1/2	0	0	0	0	Hailstorm
									Hail averaging 3/4 inch in diameter fell in a small area centered on the Utopia community. The largest hailstones were 1 3/4 inches in diameter. There was little or no damage.
3 E Junction, Kimble County	7	5:00 p- 5:30 p	10	*1	0	0	4	4	Hailstorm
									Hail caused an estimated \$8,000 damage to property in a one-by-two mile strip oriented southwest-northeast about three to five miles east of Junction. Most of the damage was to roofs with some window breakage. Field crops, including alfalfa, pasture and pecan orchards, suffered an estimated \$24,000 damage. Rangeland was severely damaged by the beating down of ground cover. Hailstones averaged 1 1/2 inches in diameter; largest stones were 2 inches in diameter. The hail completely covered the ground and was piled up in drifts two feet deep.
Texas (continued) Near Ozona, Crockett County	8	?	?	?	0	0	5	0	Rain and hailstorm
									An estimated 2,000 head of freshly shorn sheep were chilled, and died, as a result of a rain and hailstorm. They were on the John Childress Ranch near Ozona.
Near Levelland, Hockley County	8	10:00 a	?	?	0	0	0	?	Hailstorm
									Hail up to 1 3/4 inches in diameter fell in the northwest part of Hockley County within about 8 to 10 miles of Levelland.
Whiteface, Cochran County	8	9:00 a- 9:15 a							Funnel aloft
Lubbock, Lubbock County	8	10:37 a	?	?	0	0	0	0	Hailstorm
									Hailstones up to 1 3/4 inches in diameter fell at Lubbock. There was no report of significant damage.
Dimmitt, Castro County	8	12:35 p	?	?	0	0	4	5	Hailstorm
									Hail fell in the Dimmitt area of Castro County. Largest hailstones were 1 3/4 inches in diameter.
Fisher, Jones and Callahan Counties	8	1:00 p- 3:00 p	70	*10	0	0	6	?	Hailstorm
									Large hail severely damaged property in a strip about 70 miles long and 10 miles wide beginning about Roby and southward 10 miles in Fisher County, and extending east-southeastward across southern Jones County and the northern part of Callahan County. Extensive roof and window damage occurred to property in the Lake Fort Phantom Hill area. Hailstones ranged in size from 1/2 inch to 1 3/4 inches in diameter. Because of the drought, crop losses were probably minor. Apparently this storm continued into Eastland and Erath Counties where it caused additional damage (see storm reports on these counties).
Cisco, Eastland County	8	3:30 p- 4:00 p	4	*2	0	0	6	0	Hailstorm
									Hail averaging one inch in diameter with largest stones two inches in diameter battered Cisco and caused an estimated \$1,000,000 damage to property. About 75 percent of the roofs of homes and businesses were damaged. Car bodies were dented and windshields shattered as a result of the hail. Leaves were stripped from trees.
12 SW Lamesa, Dawson County	8	3:50 p	1	*1/2	0	0	0	0	Tornado
									Observed by pilot on open farmland about 12 miles southwest of Lamesa. The tornado was estimated to be moving in an easterly direction about 25 miles-per-hour. There was no report of any damage.
Bangs, Brown County	8	4:30 p- 8:00 p	4	*2	0	0	5	4	Hailstorm
									Very large hail fell in a four-by-two mile area around Bangs and caused an estimated \$80,000 damage to property. Although hailstones averaged about one inch in diameter, largest hailstones were three to four inches in diameter. A number of lambs were killed. The absence of crops in the area due to the severity of the drought held down crop losses to about \$10,000.
Union, Scurry County	8	5:00 p	2	67	0	0	4	0	Tornado, funnel aloft
									A tornado demolished a mobile home belonging to Barbara Thompson and scattered pieces of it over a large field. The mobile home was anchored to the ground and located about 50 yards south of the Union community. Miraculously, the two occupants of the mobile home were not injured. Several barns, mail boxes and television antennae in the area also suffered damage. Property losses were estimated at \$30,000. One large funnel formed under the same parent cloud but did not touch ground.
Stephenville, Erath County	8	5:15 p- 5:30 p	?	?	0	0	0	0	Hailstorm
									Hail averaging three-quarters inch in diameter fell in a large area surrounding Stephenville; however, there no reports of significant damage.
Paducah, Cottle County	8	5:50 p	15	*8	0	0	6	?	Hailstorm
									Large hail, up to 1 3/4 inches in diameter, battered the Paducah area beginning about five miles south-southwest of the city and extending north-northeastward about 10 miles beyond Paducah. Roofs of homes and businesses were damaged, and automobile bodies were dented by the hail. There were no strong winds associated with the storm.
Coleman, Brown and Runnels Counties	8	6:00 p- 8:30 p	50	*10	0	0	6	6	Hailstorm, wind
									Large hail severely damaged property in a path about 50 miles long and 10 miles wide, extending from Winters in Runnels County south-eastward to Bangs in western Brown County. Hailstones 2 3/4 inches in diameter were reported in many places and a few stones 1 1/2 inches in diameter were reported. In Coleman, almost every roof in town was damaged. The large stones knocked holes in the roofs. Windows were broken and automobile bodies dented. Winters and Santa Ana were hard hit also. The hail destroyed grain crops

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
8 S Big Lake, Reagan County	8	6:35 p			0	0	0	0	Hailstorm
Colorado City and vicinity, Mitchell County	8	7:30 p	?	?	1	0	4	0	Windstorm
Near Coleman, Coleman County	8	8:00 p	1/2	20	0	0	3	0	2 Tornadoes
Goldthwaite and vicinity, Mills County	8	8:25 p			0	0	6	?	Hail and windstorm, funnel aloft
Novice, Coleman County	8	Evening	1/2	100	0	0	4	0	Tornado
Enochs, Bailey County	9	12:31 a	?	?	0	0	?	?	Hail and windstorm
Bell County	9		?	?	0	0	4	5	Windstorm, heavy rains
Milam County	9	1:30 a-2:30 a	?	?	0	2	6	5	Wind and hailstorm, funnel aloft, lightning
Near Lake Coleman, Coleman County	9	2:30 p	?	?	0	0	3	0	Hailstorm
5 SW Clifton, Bosque County	9	5:55 p	**100	67	0	0	0	0	Tornado
Texas (continued)									
Possum Kingdom Lake area, Palo Pinto County	9	6:30 p-6:45 p	?	*5	0	2	4	0	Hailstorm
Palestine, Anderson County	10	10:00 a-11:00 a	?	?	0	0	5	0	Windstorm
14 N Nacogdoches, Nacogdoches County	10	10:30 a-10:50 a	**200	67	0	0	3	0	Tornado, hailstorm
Near Tyler, Smith County	10	11:00 a							Funnel aloft
3 S Nacogdoches, Nacogdoches County	10	11:00 a-11:15 a	**50	50	0	0	3	0	Tornado
Near Mount Pleasant, Titus County	10	11:30 a							Funnel aloft
S Elkhart, Anderson County	10	2:15 p	?	?	0	1	3	0	Windstorm
NW Wells, Houston County	10	3:45 p	?	?	0	0	0	0	Hailstorm
SW Live Oak County	10	4:00 p-7:30 p	10	*3	0	0	3	4	Hail and windstorm
W Beeville, Bee County	10	4:12 p							Funnel aloft
8 N Banquete, Nueces County	10	4:25 p	**50	20	0	0	0	0	Tornado
Lake Bridgeport, Wise County	10	6:00 p	**200	10	0	0	4	0	3 Tornadoes
San Antonio, Bexar County	10	6:00 p-8:00 p	?	?	0	0	4	0	Hailstorm, funnel aloft

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM			
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS				
Texas (continued)										Texas (continued)												
5 NW Alice, Jim Wells County	10	6:30 p-7:15 p	?	*2	0	0	0	4	Hail and wind-storm, heavy rain.	NW Fort Worth, Parker County	19	3:19 p							Funnel aloft			
									Hail, high winds and heavy rain destroyed flax crops, and heavily damaged tender vegetable crops, in a two mile strip north-west of Alice. Hailstones averaged about 3/4 inch in diameter.	Waco, Tarrant County	20	2:00 a-2:45 a	?	?	0	0	6	?	Hailstorm			
5 NW Bishop, Nueces County	10	6:41 p-6:46 p							Funnel aloft										Small hail, one quarter to one-half inch in diameter, caused an estimated \$2,500,000 damage to property in Waco. The small hail piled up a foot deep in places and one lane of Franklin Avenue near the downtown area was blocked for a time by a massive bank of hail. Most of the damage was to roofs of homes and businesses, with some damage to windows and automobiles.			
Taylor and vicinity, Williamson County	10	7:30 p-9:30 p	12	*6	0	0	3	3	Hailstorm	Near Copano Bay, Aransas County	21	9:16 a							Funnel aloft			
									Hail, averaging 1/2 to 3/4 inch in diameter fell in Williamson County between Taylor and Hare. Largest hailstones were 1 1/2 inches in diameter. A few roofs of homes in Taylor were damaged and corn and maize crops northeast of Taylor were damaged slightly. Property losses were estimated at \$1,000 and crop losses at \$1,000.	Van Alstyne, Grayson County	23	?	?	?	0	0	4	0			Windstorm	
Corpus Christi, Nueces County	10	7:50 p-8:10 p	?	?	0	0	3	0	Wind and hailstorm										High thunderstorm winds overturned a mobile home belonging to Mrs. Beverly French. The home, located two miles north of Van Alstyne was a total loss. Another home, this one belonging to Bill Wetzel, and located at Pilot Grove was demolished and pieces of it scattered over a field. Several sheds and barns in the area were severely damaged.			
									High thunderstorm winds heavily damaged a storage trailer in the 9,300 block of Leopard Street in Corpus Christi. Damage to the trailer was estimated at \$1,000. Hail, averaging 3/4 inch in diameter fell in the area. Largest hailstones were 1 3/4 inches in diameter. There was no report of any damage due to hail.	5 S Iredell, Bosque County	23	4:20 p	?	?	0	0	3	0			Wind and hailstorm, funnel aloft	
Lake Travis, Travis County	10	8:05 p							Funnel aloft										Strong thunderstorm winds, estimated at 50 to 60 miles-per-hour, blew over a few sheds and unroofed others in the area south of Iredell. Hailstones averaging one-half inch in diameter fell during the storm but caused no significant damage. Largest hailstones were one inch in diameter. One funnel cloud was observed aloft, but it did not touch ground.			
2 N Sinton, San Patricio County	10	8:30 p							Funnel aloft	Whitney, Lake Whitney area, Hill County	23	5:45 p-6:00 p	7	50	1	49	6	?	3 Tornadoes, 2 funnels aloft, hailstorm			
Carrollton, Dallas County	10	8:30 p-9:00 p							Funnel aloft										Five funnels dropped out of clouds over the Whitney, Lake Whitney area of Hill County, at least three of which touched ground. One person was killed, 49 injured, and property losses were estimated at \$525,000 as a result of these small but violent storms. James Carroll, 50, was killed instantly when his mobile home in east Whitney was struck. Mr. and Mrs. H. B. Sept were picked up and hurled through the air for 200 yards after their mobile home disintegrated. Both survived, but were seriously injured.			
Marble Falls, Burnet County	10	8:35 p	?	?	0	0	?	?	Hailstorm										"It was rough", said Odell Tigue, "I stood at my back bedroom window, my wife and I, and about five of these little stingers came out of a cloud. Then all of sudden 'boom' and my house blew up".			
									Hailstones up to 1 3/4 inches in diameter fell in the Marble Falls area. There were no reports of any damage.										Near Lake Whitney, the Red Wood Lodge area was struck by a tornado, while the Cedar Creek area was damaged by straight line winds. Twin funnels dipped down on the city of Whitney. One funnel traveled across the main part of the town at roof top level and caused considerable damage to a cotton gin, a new wing of the hospital, and several other buildings, including the city water pumping station. The second funnel struck approximately one-half mile farther east at the intersection of Highway 22 and Highway 22 business, doing considerable damage to businesses and homes, including mobile homes. This funnel was reported to have "three tubes drop out which all touched the ground, all doing considerable damage to homes and trailer parks". The funnel that passed over the downtown area proceeded southeastward, and touched down five miles southeast of Whitney on FM 933 and destroyed power lines. A third tornado cut a narrow path of destruction through the rural area about three miles south of Whitney.			
Thorndale, Milam County	10	8:50 p			0	0	3	0	Lightning										Of the 49 persons injured, 12 were hospitalized. The tornadoes destroyed or damaged 24 businesses, destroyed 11 homes, damaged 52, destroyed 16 mobile homes and damaged 27. Losses to public property was estimated at \$25,000 and to private property \$500,000.			
									Lightning set fire to a barn on the W. C. Landrum place near Thorndale. Damage was estimated at \$3,500.										The paths of the tornadoes were about five to seven miles in length and 17 to 50 yards wide. Large hail, averaging two inches in diameter, fell during the storm; some hailstones were much larger. The parent cloud was described as "large and green". The tornadoes moved from northwest to southeast. One new home, located about three miles northwest of Whitney, was closed up tightly when the tornado struck. The windows in this home exploded outward, most of the roof was blown off and the house was moved about two feet off its foundation. The roof debris was scattered over a pasture to the southeast. The home was a total loss.			
Garland, Dallas County	10	9:23 p							4 funnels aloft	Hill County	23	6:00 p-7:00 p	30	*10	0	0	4	3	Hail and wind-storm			
																			Hail and high winds struck Hillsboro and the northern portion of Hill County and caused about \$30,000 damage to property and \$4,000 damage to field crops. Hailstones averaged 3/4 inch in diameter with largest stones 1 3/4 inches in diameter.			
3 W Killeen, Bell County	10	10:15 p							Funnel aloft	Navarro County	23	8:00 p-8:30 p	?	?	0	4	3	0	Wind and hailstorm			
Jim Wells County	11	9:30 a							Funnel aloft										High thunderstorm winds and hail raked the western part of Navarro County. Four persons were injured when the high winds severely damaged a house near Blooming Grove. Hail damaged property in the Navarro Mills Reservoir area. Some window panes were broken and automobile glass and finishes damaged.			
Cameron, Hidalgo and Starr Counties	11	10:00 a-12:10 p	100	?	0	0	6	6	Hailstorm													
									Large hail damaged property and crops in the Lower Rio Grande Valley with the heaviest losses from about Weslaco eastward. At Brownsville hailstones four inches in diameter and chunks of ice 5 x 7 inches across and weighing twelve ounces, smashed automobile windshields, greenhouses, windows and roofs. Average size of the hailstones was about 3/4 inch in diameter. Property damage was estimated at \$2,800,000. Automobile bodies were dented and roofs of some house trailers were punctured. The large hail was spotty. Melon crops were damaged. One large tract of 80 acres of honeydew melons in Starr County was reported to be a total loss.													
1 E Humble, Harris County	11	11:10 a	*50	10	0	0	0	0	Tornado													
									A small tornado dipped to earth briefly one mile east of Humble but did no damage.													
Brazoria and Galveston Counties	11	12:10 p							5 funnels aloft													
Malone, Hill County	12	Night	?	?	0	0	5	?	Hailstorm													
									Property in Malone suffered extensive damage from a hailstorm that raked the city. Both homes and businesses were damaged. Losses were estimated at \$250,000. Some crops in the vicinity of Malone were damaged or destroyed.													
Big Spring, Howard County	18	12:15 a-12:45 a	?	?	0	0	4	?	Hailstorm.													
									Hail caused minor damage to fruit trees, garden crops, shrubs, windows and window screens in the Big Spring area. Most damage was in the southwest part of the city. Hailstones averaged about 3/4 inch in diameter with some stones 1 3/4 inches in diameter. Mobile homes and camper trailers were hardest hit. Some automobiles were dented, and one owner reported his automobile windshield was broken by the hail.													
Near Gainesville, Cooke County	18	7:30 p							2 funnels aloft													
Honey Grove, Fannin County	18	Night			0	0	3	0	Lightning													
									Lightning struck a barn at 1100 N. Tenth Street in Honey Grove. The resulting fire destroyed the barn and 100 bales of hay stored in it.													

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
Houston, Harris County	24	7:37 a							Funnel aloft
Nederland, Jefferson County	24	9:00 a-9:10 a	2	17	0	0	3	0	Tornado
		A small tornado hopped and skipped along a narrow path through Nederland but caused only minor damage. A carport and patio cover at 7211 Verma Drive was blown down, but a workman at the scene was not injured. A storage building, approximately 10 feet square, located at 919 31st Street was tipped over and demolished. Spotted damage occurred to trees, shrubs and utility lines along a two-mile path.							
San Antonio, Bexar County	24	2:00 a-4:00 a	?	?	0	0	4	0	Hail and windstorm
		Hail and high winds raked San Antonio and surrounding Bexar County and caused minor damage. Hailstones averaged one inch in diameter with a few stones three inches in diameter. Trees and signs were blown down and lumber was flung across a street by winds which measured 61 miles-per-hour in gusts at the National Weather Service Office at the airport. The wind blew down a 35-foot-tall tree in the 5400 block of U. S. 90 E., and a canopy roof at the front of Texas Laundry and Cleaners, 510 W. Cypress Street.							
15 NW Houston, Harris County	24	3:10 p							Funnel aloft
10 W Huntsville, Walker County	24		?	?	0	1	4	0	Windstorm
		Mrs. W. A. Harman suffered minor injuries when her mobile home, located on State Highway 30, about 10 miles west of Huntsville was demolished by high thunderstorm winds. Parts of the mobile home were found 500 to 600 yards away from the site. A carport attached to the mobile home caved in on Mrs. Harman's automobile.							
15 ESE Corpus Christi, Nueces County	26	9:30 a							Waterspout
Gatesville and vicinity, Coryell County	27	11:30 p	?	?	0	5	5	0	Windstorm
		Barns and outbuildings on farms within a seven-mile radius from Gatesville were damaged by high thunderstorm winds. Trees were splintered and uprooted. Major damage was inflicted at North Fort Hood where 1,000 tents had been erected for a two-week training camp. Almost all the tents were blown down. Army authorities estimated 60 percent were damaged beyond repair. One soldier was struck by a flying garbage can. A total of five persons were injured, but none seriously. Typewriters, filing cabinets and other equipment in offices also were damaged. In the Grove community wind blew down about six trees and unroofed a barn.							
Adrian, Oldham County	28	12:20 a							Funnel aloft
Near Longview, Gregg County	28	9:34 a							Funnel aloft
18 SW Mineral Wells, Palo Pinto County	28	2:10 p							Funnel aloft
10 W Fort Stockton, Pecos County	28	4:15 p-4:35 p	5	200	0	0	0	0	2 Tornadoes
		Two tornadoes struck in open ranch country 10 to 15 miles west of Fort Stockton. There was no damage. The tornadoes moved from northwest toward the southeast.							
Gaines and Yoakum Counties	28	4:30 p	15	?	0	0	4	0	Windstorm
		Winds estimated at 75 to 80 miles-per-hour blew down 114 double utility poles along a 15-mile section of State Highway 214 between Denver City and Seminole.							
2 S Hereford, Deaf Smith County	28	4:42 p							Funnel aloft
Addicks, Harris County	28	5:00 p							Funnel aloft
Alpine, Brewster County	28	5:20 p-5:35 p	2	*1	0	0	4	0	Hailstorm
		Hail caused an estimated \$10,000 damage to roofs of homes and to automobiles in Alpine. Some automobiles were dented and a few windshields were cracked. Hailstones averaged one inch in diameter with largest stones 2.5 inches in diameter.							
Dublin, Erath County	28	5:30 p-6:30 p	15	*1	0	0	4	0	Windstorm, hail
		Severe thunderstorm winds demolished a drive-in theatre screen at Dublin, damaged mobile homes, roofs of homes, trees, signs and television antennae in a 15-by-one mile strip from Dublin northward to Lingleville in Erath County. Some poultry houses were destroyed. Hail, one-quarter inch to one inch in diameter fell during the storm and caused additional damage.							
Texas (continued)									
18 N Waco, McLennan County	28	7:05 p							Funnel aloft
W Rochester, Haskell County	28	8:35 p							Funnel aloft
Wellington, Collingsworth County	29	Morning	?	?	0	0	5	?	Hailstorm
		A hailstorm caused extensive damage to roofs and window panes in Wellington. Glass breakage in the downtown area was heavy.							
12 W Benjamin, King County	29	1:00 a			0	0	4	0	Lightning
		Fire caused by lightning completely destroyed an eight room brick and asbestos ranch home owned by Judge L. M. Williams and his son, C. D. of Knox City. The home is located on the Williams Ranch Headquarters 12 miles west of Benjamin.							
Near Knox City, Knox County	29	Morning	?	?	0	0	5	0	Flooding
		Heavy rains of 6 to 8 inches near Knox City washed out a section of railroad tracks derailing four cars of a Santa Fe freight train.							
Big Spring, Howard County	29	10:50 a	?	?	0	1	4	0	Windstorm
		Mrs. Eva Horton was injured when high thunderstorm winds overturned her mobile home located on the Old San Angelo Highway. At least three other mobile homes in Big Spring were overturned by the high winds. Wind gusts measuring 78 miles-per-hour were recorded at Webb AFB.							
Taylor and Jones Counties	29	1:30 p-2:30 p	10	?	0	0	5	0	Windstorm
		Severe thunderstorm winds caused an estimated \$200,000 damage to property in the northwest part of Taylor County and the southwestern part of Jones County. Heaviest damage was in the Noodle-Merkel area. At Merkel, the Merkel Country Club building and a motel were unroofed.							
Hawley, Jones County	29	2:00 p	1	*1	0	0	4	0	Windstorm
		A severe windstorm demolished one mobile home and damaged several others at Hawley. This was probably a continuation of the storm system which struck the Noodle-Merkel area of Taylor and Jones Counties.							
Glen Rose, Somerville County	29	5:40 p	?	?	0	0	5	4	Wind and hailstorm
		Severe thunderstorm winds unroofed several barns, uprooted trees and turned one mobile home upside down in the Glen Rose area. Roofs of homes, mobile homes, crops and gardens were damaged by hail. Heaviest damage was in an area from Dinosaur State Park and five miles west, then along the Paluxy River Valley toward Glen Rose. The Glen Rose residences suffered hail and wind damage to roofs, windows, trees, automobiles and utility lines.							
10 SE Hereford, Deaf Smith County	30	12:30 a							Funnel aloft
Lubbock, Lubbock County	30	12:40 a	?	?	0	0	5	?	Hailstorm
		The city of Lubbock was bombarded by hail 3/4 inch to 1 3/4 inches in diameter. The largest hail fell in the Loop 289-Indiana Avenue area while 3/4 inch hail fell in the downtown area. There were no reports of heavy property damage.							
Yoakum County	30	12:45 a-1:30 a	20	*10	0	0	4	?	Hailstorm
		Hail damaged roofs of homes, damaged window screens and broke some window panes, in northwestern Yoakum County from the New Mexico State Line, between Highways 82 and 380, northeastward through the city of Plain. Crop damage was not heavy because of the late planting and small size of the plants. Hailstones averaged about 3/4 inch in diameter, with largest stones two inches in diameter. Property losses were estimated at \$40,000.							
South Amarillo, Randall County	30	1:15 a							Funnel aloft
		Reported over Washington Street and Hollywood Road.							
Silverton, Briscoe County	30	2:00 a-2:10 a	**100	50	0	0	4	0	Windstorm
		Severe thunderstorm winds caused an estimated \$11,000 damage to sheds and cotton trailers at the eastern city limits of Silverton.							
E Plainview, Hale County	30	2:15 a							Funnel aloft
Bangs, Brown County	30	Afternoon			0	0	6	0	Lightning
		Lightning started a fire which destroyed the offices and main production building of Texas, Inc., a lamp base manufacturing plant in Bangs. Company officials estimated the loss at \$500,000.							
Concho and McCulloch Counties	30	5:30 p-6:00 p	30	*20	0	0	4	4	Hail, wind and rainstorm
		Hail, wind and heavy rains damaged property and crops over a wide portion of Concho County and the western portion of McCulloch County. The damaged area began about 10 miles west of Eden and							

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>Texas (continued)</b>									
10 SE Melvin, McCulloch County	30	5:30 p-5:45 p	3	200	0	0	0	0	Tornado
extended eastward to the Melvin-Doodle area of McCulloch County. It included Pear Valley and Lohn. Hailstones averaged 1 3/4 inches in diameter with largest stones 2 3/4 inches in diameter. Heavy rains, up to seven inches, unofficially, washed out fences west of Melvin. Property damage due to hail was estimated at \$20,000; from rain, \$15,000; and from wind, \$5,000. Hail caused \$35,000 damage to crops while rain caused \$5,000.									
Childress, Childress County	31	4:45 p-5:15 p	6	*3	0	0	4	4	Hailstorm
Tornado was on the ground about 15 minutes on open farm and ranch land. There was no damage.									
12 S Paducah, Cottle County	31	5:30 p	2	67	0	0	3	0	Tornado
Hail caused mostly minor damage to property and crops in the Childress area. Only a few roofs of homes were reported damaged. Hailstones were about one inch in diameter and smaller with a few stones 1 3/4 inches in diameter.									
Brownwood and vicinity, Brown County	31	7:45 p	?	?	0	0	4	0	Windstorm
Tornado struck near the Delvin community and demolished several farm buildings and blew down fences and power lines. No one was injured. Property damage was estimated at \$3,000. The speed of the tornado was estimated at 20 to 25 miles-per-hour.									
15 W Mineral Wells, Palo Pinto County	31	8:20 p							Funnel aloft
High winds blew down several barns on the Leroy Bolfer farm 6 1/2 miles north of Brownwood. In Brownwood, plate glass windows in the Brown County Courthouse were blown out and power lines were damaged by falling tree limbs.									
Dublin-Stephenville, Erath County	31	9:30 p	20	?	0	0	4	0	Windstorm
A windstorm swept through Erath County causing considerable damage to signs, television antennas and trees in Dublin and Stephenville. A large sign atop the Wolfe Nursery at Stephenville was blown down and a canopy at the Holiday Motel swimming pool was damaged. The storm ripped portions of the roofs of two lumber sheds at Cook Brothers Lumber Company, Stephenville, and carried them one-quarter mile away. Signs at Gibsons and Piggly Wiggly stores were blown down.									
Honey Grove, Fannin County	31	Night	?	?	0	0	4	0	Windstorm
High winds completely demolished the W & R Auto Supply Store building on the southeast corner of the square in Honey Grove. The winds caused the walls and roof of the building to collapse. The storm caused minor damage to several other business buildings and homes.									
Utah	6	6 p.-mid			0	0	3	0	Damaging Wind
Cache Valley and Brigham City	Strong easterly winds caused considerable damage from Logan to north of Smithfield in Cache Valley and in the Brigham City area to signs and farm buildings.								
Tooele County near Dugway	10	5:30 p.							Hail
3/4 inch hail was reported about 15 miles east of Dugway. This is a desert area and the only damage was to local shrubs and grass.									
Huch of Utah	21				0	0	4	0	Damaging winds
Strong winds scattered over most areas of the state caused local damage in widely scattered areas Friday afternoon. Several house trailers were tipped over and one or two demolished in Cedar City and damage to trees and farm buildings was reported from such widely scattered areas as Bluff, Hanksville, and Parowan.									
U. S. Virgin Islands	None reported								
Vermont	None reported								
Virginia	6-7								Rain
Extreme Southwest	Flooding from heavy rain caused some damage to driveways and secondary roads in Buchanan County. The Scott County town of Clinchport was temporarily isolated by the high water on the roads leading into it.								
Pittsylvania County	13				0	0	4	0	Rain
<b>Virginia (continued)</b>									
Roanoke and Floyd County	20				0	0	0	0	Hail
Heavy rains caused numerous instances of minor flash floods. The Dan River crested 6 inches over flood level but with minor damage. Water from Saddy Creek covered the Danville Fairground with damage to a footbridge and ticket booth. The rain was a contributing factor in the collapse of pavement in front of a commercial building resulting in major damage to its foundation. Several mobile homes and houses in low areas received water damage. Some secondary roads overflowed with minor erosion.									
Rockingham County	20				0	0	3	0	Hail
Hail described as big as marbles, golf balls, and 3/4 inch diameter damaged shrubbery and trees and made 13 holes in the roof of a convertible in Roanoke. Farmers in Floyd County reported heavy damage to crops, fruit, and gardens from golf ball size hail in an area from Floyd to Pilot.									
Staunton	20				0	0	4	0	Lightning, Rain
Hail was reported almost as big as a baseball. Thunderstorms began early in the afternoon and continued until late at night. At Island Ford, U. S. 340 was closed from 3 feet of water with 3 houses receiving minor damage.									
Bedford County	20	5 p.m.			1	0	0	0	Lightning
A pumping station, two booster pumps, and two electric motors were put out of service by lightning. A number of streets were flooded and covered with mud and debris. At least two houses had water on the 1st floor. The dam at Franks's Mill near Springfield was washed out. Utilities reported many minor breaks in service.									
Madison and Louisa Counties	20				1	2	0	0	Lightning, Hail, Rain
A 15 year old boy, Edmond Abbott, was struck by lightning in a barn and died later in a hospital.									
Pittsylvania County	20				0	0	0	0	Hail
J. D. Lutz was killed by lightning while standing under a tree near Kipp's pond in Madison County. His father and son were slightly injured and a fourth man escaped unharmed. Two barns burned and 4 calves in one were killed. One barn containing farm equipment in Louisa County near Mt. Pleasant Church burned and also a 4 room house between Louisa and Mineral. Hail described as 1 3/4 inches in diameter destroyed gardens and flowers in the western section of Louisa County. At least 4 roads were closed by high water. Several cars were swept off highway 33 at a bridge over North East Creek.									
State	27-31				0	0	3	0	Rain
Hail as large as large marbles damaged young field crops and seedbeds in the Ayton area.									
Washington	12						4	4	Wind
Central Basin	Strong winds over the east central section of the State caused some damage to beet fields, powerlines and other property.								
Seattle area	19	0805P							Funnel cloud
A small funnel cloud was reported over the east channel of Lake Washington.									
Walla Walla area	26						4	4	Thunderstorm
Heavy rainfall associated with a thunderstorm resulted in flooding of basements in low areas and water entering a few business establishments. Hail 1/4 to 1/2 inch in diameter was reported in a small area. Crop damage from hail was minor.									
West Virginia	None reported								
Wisconsin	11	Night			0	0	4	0	Wind
Rock County	Scattered wind damage in southern portions of county.								
LaCrosse, Monroe, Juneau, Adams Counties	15	3-5 pm			0	0	4	0	Wind
Some damage to farm buildings, trees and overhead wires from strong gusty winds with thunderstorms.									
Northwest Half of State	17	Evening			0	0	4	0	Wind, lightning
Scattered wind damage with severe thunderstorms. Severe damage to cottage on Lake Holcomb. Two fires in Minnelander area blamed on lightning.									
Washington, Ozaukee and Sheboygan Co.	18	10 am			0	0	5	0	Wind
Severe thunderstorm caused considerable wind damage in general area between West Bend and Sheboygan. Semitrailer blown off Highway 57 south of Sheboygan County line. Large house trailer destroyed at Jackson. Also extensive tree and wire damage.									
Adams, Washara Counties	18	4:40 PM	15	100	0	5	5	0	Tornado
Tornado moving Northeastward touched down northeast of Adams-Friendship and moved through woods doing damage to trees. After crossing Highway 21, the tornado destroyed two house trailers injuring five and took the roof off a barn. The tornado continued northeastward to Hancock where a large metal warehouse was severely damaged with sheet metal scattered 1/2 mile downwind.									

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Wisconsin (continued)									
Grant County	18	8:02 PM	2	100	0	0	0	0	Tornado
		Tornado moving Northeastward touched down briefly 7 SW Lancaster in open country.							
Grant County	18	10:30 PM	2	100	0	0	4	0	Tornado
		Tornado moving Northeastward touched down briefly 5 W Hazel Green destroying several farm buildings on the Vosberg farm.							
Southwest to Northeast Counties	18				0	0	5	0	Flooding, erosion, lightning
		Heavy thunderstorm rains roughly along line from Grant County northeastward through Richland, Juneau, Adams, Nauvau, Shawano to Marinette caused widespread lowland flooding and locally severe soil erosion on uncovered fields. Lightning killed 13 cows under tree in pasture in Town of Sylvan in Richland County.							
Buffalo County	23	AM			0	0	3	0	Lightning
		Five dairy cows killed by lightning under tree in pasture at Alma.							
Wyoming									
Casper	28	6:09 p.							Funnels aloft
		Casper Weather Service Office sighted two funnels between 6:09 p. and 6:14 p., both back in clouds by 6:15 p.							
Casper	29	1:00 a.	300	0	0	3			Tornado
		Four small hangars and one airplane damaged as tornado moved east to west, 8 miles northeast of Casper Weather Service Office.							
Gillette 50 NE	30	5:00 p.							Funnels aloft
		Highway patrol sighted two funnels aloft 50 miles northeast of Gillette, did not touch ground.							

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					KILLED	INJURED	PROPERTY	CROPS	

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

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

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USCOMM-NOAA-ASHEVILLE, N. C. -6/29/71-1275