

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

APRIL 1969
Volume 11 No. 4



Asheville 1969

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Alabama Bullock & Pike Counties	18	12:30 AM	?	?	0	0	5		Tornado
	This tornado touched down in the Mossy Grove Community near Troy in Pike County destroying two houses and damaging 5 others, four barns destroyed and one damaged. No injuries reported. This tornado again touched down near Union Springs in Bullock County doing only minor damage.								
Butler, Crenshaw, Montgomery and Bullock County	18	2:30 AM	57	500	2	15	6	0	Tornado
	This tornado skipped in short paths touching down in four places. The tornado first touched down near Greenville in Butler County doing only minor damage. The tornado again touched down near the Butler-Crenshaw County line in the Danielsville and Fanola Communities killing two persons and injuring 11. Eighteen houses were destroyed and thirty houses damaged. The tornado again touched down near Hamer in South Montgomery County destroying some farm buildings and trees. The tornado again touched down near Fitzpatrick in Bullock County injuring a woman and three children, demolishing 2 houses and severely damaging five homes.								
Mobile and Baldwin Counties	23	12:30 PM - 2:30 PM					3		Funnels aloft
	Two funnel clouds reported in South Mobile and Baldwin Counties moving southeastward. None observed to reach the ground. Some wind damage in Bayou La Batre about 12:30 PM. Some trees down and several roofs damaged.								
Alaska									None reported
Arizona									None reported
Arkansas Witts Springs - Searcy County	9	4:30 p.	20-30	5 mi.	0	0	4	0	Hail
	This was the hardest hit area in a hailstorm falling in a band between Harrison and Newport. Hail size ranged from golfball to baseball size. Damage was to trees and farm buildings. Window damage reported in Gilbert.								
Hot Springs - Garland County	9	8:30 p. to 9:00 p.	20	?	0	0	5	0	Wind and Hail
	Winds measured up to 70 m.p.h. at FAA tower at Hot Springs airport. High winds heavily damaged roof of Belvedere Garden Apartments. Lake Hamilton area suffered damage to boats and docks. Trees and poles knocked down. Owensville (15 miles northeast of Hot Springs) was the farthest northeast end of a poorly defined line of wind squalls.								
California									None reported
Colorado Statewide	6 - 7				0	1	4	0	Wind
	High gusty winds starting on the 6th, and continuing intermittently to the evening of the 7th, caused mostly light damage over widely scattered areas. Buildings and power lines were damaged in the Grand Junction area on the 6th. A severe whirlwind at Durango damaged a truck and buildings about noon of the 7th. Also on the 7th, a woman was injured by flying debris when a house trailer and buildings were damaged by wind at Salida, a camper was blown from a truck near Lyons, windows were broken in the Pueblo area, and wind spread forest fires near Boulder and on the Western Slope. Wind gusts were reported 50 to 60 mph. or higher in several areas.								
Jefferson County	12	11:35 AM							Funnel Cloud
	A funnel was sighted near 84th. Ave. and Wadsworth Blvd., a suburban area northeast of Denver.								
Connecticut									None reported
Delaware Mostly state-wide	19	Mostly afternoon			0	0	4	0	Hail
	Hail was widespread; cooperative observers at Dover, Georgetown, Lewes, Milford, Newark and Selbyville reported its occurrence. Large hail was mostly the size of marbles; however, in the Dover area, hail reached 1 1/2-inches and ice-cube size. Property damage was estimated at \$6000 - 7500.								
Florida Fort Lauderdale (2 mis. E)	4	3:00p							Funnel aloft
Miami (Fovey Rock Light)	12	9:37a							Funnels aloft (3) and waterspout
Fort Lauderdale	12	11:37a							Funnels aloft (2)
Homestead (8 mis. NE) Dade County	12	11:50a							Funnel aloft
Miami (20 mis. SE)	12	12:15p							Funnel aloft
West Palm Beach (12 mis. E)	12	12:50p							Funnel aloft
Florida (continued)									
West Palm Beach (3 mis. E)	12	1:32p							Waterspouts (2)
Orlando	19	2:30a			1	0	0	0	Wind
	One man was drowned when strong winds capsized a sailboat on Lake Ivanhoe. Five others on the boat swam to safety.								
Maitland Orange County	19	4:30a	5	500	0	0	5	0	Tornado
	Tornado touched down at isolated points beginning in northwest Orlando at Edgewater and Forest City Roads. Path was from SW to ENE through Maitland. Many trees and power lines down, houses partially deroofed, and at least one building forced partially off foundation. Tornado was accompanied by rumbling roar.								
Key West	22	6:23p - 6:55p							Funnels aloft (3)
Fort Pierce	24	5:00p			0	0	0	0	Hail
	Hailstones up to 3/16 inch in diameter fell for about 30 seconds along a strip from the airport northwest of town southeastward toward the South Beach area.								
Delray Beach Palm Beach County	24	evening			0	0	0	5	Hail
	Hail the size of golf balls, accompanied by up to 3 inches of rain and high winds, struck the agricultural area west of town. Hardest hit area was north of Delray Road, west of Military Trail and east of U.S. 441. Damage to tomatoes and commercial flower acreage approached \$500,000.								
Pompano Beach Broward County	24	6:00p			0	0	4	0	Wind
	Eight small planes were damaged to varying degrees, including two which were demolished, when strong winds struck Pompano Beach Airport.								
Key West	28	12:12p							Funnel aloft
Marathon Monroe County	28	6:30p							Waterspout
Georgia Northern half	15-18				0	0	5	0	Rain
	Heavy rains from the 15th to 18th caused many north Georgia streams to overflow and flood low areas. Damage to streets, automobiles and some homes was reported in Columbus, Augusta and the Atlanta area. Several families were evacuated from their flooded homes. A large part of the months rainfall occurred during these four days. Hartwell had 8 inches in the period and Columbus had 2.25 inches in an hour during the early morning of the 18th.								
South	18	7:15 a - 2:15 p			0	30	0	0	Tornado
	What was apparently a single tornado touched down in at least 9 areas as it moved east-northeastward across Georgia on April 18. The path of the storm extended from the southwest corner of the State to near the coast. About 30 people were injured but, miraculously, no one was killed. Property damage has been estimated at about \$2,000,000.								
	The tornado was first reported in Seminole County in the early morning. The next known touchdown was at 8 a.m., about 6 miles north of Bainbridge. The path in this area was 1/2 miles long and around 100 feet wide. A mobile home was demolished with injury to one occupant. Several buildings were damaged and trees were uprooted. The next damage occurred in northern Grady County and southern Mitchell County, near Felham. A home was destroyed and trees and farm buildings were damaged. At 10:25 a.m., the storm hit near the southern city limits of Moultrie. A dozen homes suffered light to heavy damage along a 2 mile long and 100 yard wide path.								
	The tornado had its longest path along the ground and caused the greatest damage in Coffee County. It first hit about 6 miles west-southwest of Douglas at 12 noon and moved along a 15 mile path to near West Green, 11 miles northeast of Douglas. Damage was almost continuous along this path which ranged up to almost a mile in width. Nineteen mobile homes were completely destroyed and between 60 and 70 farm buildings were demolished. Twenty-seven people were injured and 45 families were directly affected by the storm. Timber losses were tremendous and telephone and power lines suffered extensive damage. Total damage in the Douglas area was estimated at \$1,500,000.								
	The next reported damage occurred near the Jeff Davis-Bacon County line at about 12:30 p.m. Six residences were heavily damaged and numerous farm buildings were flattened along a 2 mile long and 800 yard wide path. A pick-up truck was lifted 50 feet in the air and carried from one side of a house to the other. Timber losses were extremely heavy in this area. The storm caused damage to farm buildings and timber in rural Appling and Long Counties before hitting near the town of Fleming in Liberty County at about 2:15 p.m. Four homes were completely destroyed and the roof was blown from the cooperative weather observer's store. One person was injured and a large acreage of timber was destroyed.								

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Georgia (continued)									
			The forward speed of the storm averaged about 25 miles per hour during the first half of its path but increased to more than 40 miles per hour after it passed the Douglas area. It had one of the longest tracks of any Georgia tornado. The distance from the first reported damage in Seminole County to Fleming, in Liberty County, is almost 250 miles. Reports indicate that the tornado moved along the ground for about 50 miles of this distance. The time between the first and last appearances of the storm was about 7 hours.						
South	18				0	0	0	C	Wind and hail
			Severe thunderstorms were reported outside the above tornado path with damaging winds and hail at several places in south Georgia. Hail 1 inch in diameter was reported in parts of Savannah and Glennville had 1 1/2 inch hail. Trees were uprooted and buildings were damaged in Valdosta.						
Hawaii			No report received by printing deadline						
Idaho	6-7	all day 6th eve.-7th			0	0			Rain and Snow
Southern Half of State			A developing storm center moved eastward across the southern half of Idaho on Easter Sunday providing substantial rain and periods of snow up to 22 hours in the west and nearly 36 hours in the eastern border counties. Precipitation of 0.3 to 0.7 inches fell in the southwestern counties and the Eastern Highlands with more than 1.0 inch in the Boise-Caldwell-Reynolds area, and up to 1.58 inches at Boise Lucky Peak Dam. Rain turned to snow in the Boise area where a 24-hour snowfall of 7.2 inches exceeds the previous record for April. Ground accumulation totals only 2.5 inches at Boise with greater accumulations in the mountains ranging up to 4 inches at Deer Point on the Boise Range and also at McCall. Heaviest accumulations of 3 to 5 inches fell in the eastern border counties where Fallsades Dam received an 8-inch snow depth.						
Illinois	16	7:30- 9p				4	0		Lightning, hail local flooding
Knox & Warren Cos.			Hail for 15 minutes and up to 1" in diameter broke windows and damaged roofs and autos in Monmouth as 1 1/2" of rain in one hour caused local flooding. Damage in Galesburg was largely to utility lines by lightning with hail and local flooding also contributing.						
Chicago area	17								Funnel clouds
			A funnel cloud was reported 19 miles WSW of O'Hare International at 5:10 a.m. and another 5 miles SW of Midway at 1:20 p.m.						
Indiana	9	E.S.T. ?			0	0	4	0	Lightning
Bedford, 2 miles west (Lawrence County)			House and furnishings valued at \$40,000 destroyed by lightning and fire.						
Ogden Dunes (Porter County)	17	3:45 p.							Funnel cloud
Linton (Greene County)	17	4:30 p.							Funnel cloud
Indianapolis	17	5:15 p.			0	0	3	0	Lightning, wind
			Minor damage mainly from lightning striking utility lines.						
Rigdon (Grant County)	17	6:30 p.	Very small	0	0	1	0	0	Tornado
			Farmer reported a funnel cloud turned a hog pen around.						
Marion (Grant County)	17	6:30 p.							Funnel cloud
Columbia City, 9 miles south on Ind. Road 9.	17	7:35 p.							Funnel cloud
Kendallville (Noble County)	17	8:12 p.	Short Narrow	0	0	0	0	0	Tornado
			Funnel cloud touched down briefly over Bixler Lake.						
St. Croix (Perry County)	18	About 3:14 p.							Funnel cloud
Portage (Porter County)	21	2:45 p.			0	0	3	0	Wind
			Garage destroyed and post office roof damaged.						
Waterloo, 2 miles west and 1 mile north (DeKalb County)	21	12:15 p.	Very small	0	0	4	0	0	Tornado
			A barn in good condition levelled by "swirl of dust".						
North Manchester (Wabash County)	21	About 7:40 p.							Funnel cloud
Iowa	2	7:00 p							Hail
3N Council Bluffs		One inch hail,	no damage reported.						
2SE Hartley, O'Brien County	8	6:00 p	1	300			3		Tornado
			Small tornado, associated hail and heavy rain, damage about \$2500 at 3 farmsteads. Funnel sighted by 8 or 10 persons.						
Jefferson, Greene County	21	5:30 p							Hail
		One inch diameter.	No damage reported.						
Kansas	3-4	nigh of 3-4			0	0	4	0	Lightning
Eastern one-third			Local damage was reported in Jefferson, Lyon, and Montgomery Counties.						
Leavenworth County	4	about 2:00 p.			1	2	0	0	Lightning
			One boy was killed and 2 were injured when lightning struck an out house where the boys sought shelter during a thunderstorm.						
Northeastern portion	4	afternoon			0	0	5	0	Hail
			Hail was reported over parts of Lincoln and Marion counties and over much of the area from Riley County and southern Marshall County east and southeast to Wyandotte, Johnson, and Franklin Counties. Largest stones were near 1-3/4" diameter locally in Douglas County and about 2" diameter over parts of Johnson County.						
Lim, Miami Counties	4	3:35- 4:00 p.	10	100-300	0	1	5	0	Tornado
			Tornado, moving ENE at about 29 mph, was on the ground intermittently from La Cygne to the State line 2 miles SSW of Drexel, Missouri; the tornado continued into Missouri. Heaviest damage in Kansas was along a 1 mile path beginning at the northwestern portion of La Cygne where 5 mobile homes were demolished, and 10 mobile homes and several buildings were damaged.						
Labette County	4	5:30- 6:30 p.	?	?	0	0	4	0	Hail
			Hail up to about 1 1/2" diameter caused damage to roofs, mobile homes, and camper trailers in the Chetopa area.						
Southeast portion	8	evening			0	0	5	4	Hail
			Most of the area east of a line from Uniontown to Independence to Meodesha to Coffeyville received hail, but damage was mostly light. Moderate damage to roofs, greenhouses, and siding was reported in the Cherryvale - Coffeyville area. Largest stones were about 1-3/4" diameter at Uniontown.						
Chatauqua County	9	12:30 a.			0	0	4	0	Lightning
			Damage occurred at Heru.						
Republic County	15	4:45 p.	?	?	0	0	3	3	Hail
			Hail up to 3/4 inch diameter fell in the Belleville area.						
Lane County	15	9:30- 10:30 p.	25	*7	0	0	4	3	Wind, hail, funnel aloft
			Damage occurred in the Dighton area. A funnel aloft occurred 4 mi. N of Dighton at 9:50 p.						
Harper, Sumner Counties	16	afternoon							2 funnels aloft
			A funnel aloft was reported 3 1/2 mi. SW of Harper at 4:45 p.; another occurred about 15 miles SW of Wellington at 5:00 p.						
South Central to Northeast Kansas	16	afternoon-evening	?	?	0	0	6	5	Hail
			Hail 3/4" to 1-3/4" diameter occurred over portions of the area from Stafford, Pratt, Kingman and Harper counties northeast to Leavenworth, Wyandotte and Johnson Counties. Total damage was about \$3 million; two-thirds of this occurred in the Hutchinson area. Other cities hard hit were Topeka and Emporia.						
Cherokee County	16	10:30 p.							Funnel aloft
			A funnel aloft was reported near Melrose.						
Butler, Sedgwick Counties	17	noon- 3:06 p.							Hail, 4 funnels
			At least 4 funnels aloft were reported, the first one just east of Clearwater at noon. Other reports were as follows: 4 mi. south of Haysville at 1:03 p., 5 mi. SSW of Rose Hill at 1:10 p., and 1 to 4 mi. north of Udall at 1:40 p. Hail up to 3/4" diameter fell near Wichita at 3:06 p.						
Miami County	17	3:30 p.							Funnel aloft
			A funnel aloft occurred near Osawatimie.						

See reference notes at end of table.

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Kansas (continued)										
Meade County	23	about 12:30 a.	?	?	0	0	0	4		Hail
			Hail up to about 1" diameter did considerable damage to wheat 10 miles NW of Meade.							
Crawford, Greenwood, Cherokee, Labette Counties	26	afternoon-evening			0	0	4	0		Wind, lightning
			Lightning damage occurred at Mulberry. Wind damage occurred 1/2 mi. N of Hamilton and at scattered locations in Crawford, Cherokee, and Labette Counties.							
Wyandotte, Johnson Counties	26	about 6:00 p.			0	0	4	0		Wind
			A small barn was destroyed, a shed was unroofed, several other buildings were damaged, and a number of utility poles were blown down.							
			SPECIAL HAIL SUMMARY							
			Hail Loss Clearing House reports indicate hail was especially severe in the following counties on the dates indicated:							
			16 Harper, Harvey, McPherson, Reno, Rice, Sumner 17 Sedgewick							
Kentucky										
Warren County	18	12:05 p.	4	8*	0	0	6	0		Hail
			The storm moved from the northwest into the city of Bowling Green, ending about 12:20 p.m. It did not reach the southeast corner of the city. Hailstones fell on about three quarters of the city. Width of the path was 3 to 4 miles; length, 5 to 8 miles. Hailstone size varied from about the size of marbles to an average of about 1 inch in diameter to a diameter of 3 inches or larger. A witness standing in (Cherry Hall of Western Kentucky University stated that a hailstone "about 5 inches in diameter smashed through a window and broke into hundreds of pieces on the floor." Stones covered the ground, to a depth of 2 inches in some areas. Despite heavy damage, no injuries were reported. Insured damage to stationary objects such as buildings and residences totaled about \$2.1 million, according to a preliminary estimate released by the American Insurance Association. It was estimated that damage to cars and trucks and other non-fixed items could boost the total damage to as much as \$5 million. 50 additional claims agents were sent into the area to process the large volume of claims. An estimated several thousand vehicles were damaged, perhaps as many as 15,000, damage ranging to \$100 to \$1500 per car. Some car and truck roofs, hoods and car trunks were reported to have been so severely damaged that replacements would be required. Many cars were damaged to the extent that the surfaces hit by hail gave the appearance of having been struck moderate blows by a hammer.							
South Central	18	2:45 p.	20	2*	0	0	?	?		Hail, wind
			The storm moved from the southwest to the northeast (Gave City), a distance of some 15 to 20 miles, affecting parts of Warren, Edmonson, and Barren Counties. Width of path ranged from 1 to 2 miles. The storm ended about 3:10 p.m. There was some damaging wind. Average size of hailstones was 3/4 inch, some being as large as 1 1/2 inches. Only about 1/10 of the ground was covered by hail. Damage was slight to real and personal property and to crops.							
East	18	Afternoon			0	0	5	0		Wind, hail
			High winds damaged property in several eastern counties, some of these being Floyd, Martin, Pike, and McCreary. Wind unroofed a two-story gymnasium-auditorium building and a service station 78 by 30-foot roof in Prestonsburg, and caused other damage. Utility poles were broken by wind and flying debris. Several mobile homes were badly damaged and there was a variety of damage. The storm in this vicinity began about 2 p.m., ended about 3 p.m. It moved in from the north and then toward Pikeville. Length of path of destructive winds was about 20 miles. Hailstones averaging 1/2-inch in diameter covered about one third of the ground in spots. Heavy rain flooded two downtown intersections with more than a foot of water. In the vicinity of Pikeville in Pike County wind unroofed a single-room, temporary frame building. Hail and wind damaged roofs of about 70 homes in the Wiberg-Beulah Heights section of McCreary County about 4:30 p.m. Some of the hail was said to be saucer-shaped, about 2 1/2 inches in diameter, lasting about 10 minutes. In Martin County a hailstorm was accompanied by high wind. One house was destroyed, 3 porches and one roof were blown away, and trees were uprooted.							
Campbell County	18	Afternoon			0	0	?	0		Hail
			Police received reports of hail the size of golf balls falling in the Licking Pike area, but there were no reports of injuries or damage.							
Louisiana			Data will be delayed							
Maine Southern	22-23				0	0	4	0		Rain, wind
			Generally heavy rain, locally to near 3 inches. Local washing and flooding. Scattered wind damage.							
Maryland										
Southern areas, especially Southern Eastern Shore	19	Afternoon and Evening			0	0	4	0		Hail
			Hail was widespread; cooperative observers at such stations as Assateague State Park, Blackwater Refuge, Cambridge, Chestertown SRC, Greenbelt, Owings Ferry Landing, Princess Anne, Salisbury, and Snow Hill reported its occurrence. Large hail was mostly the size of marbles although some at Princess Anne, the area of greatest severity, reached 1-inch and golf ball size. Property damage was estimated at \$10,000 - 12,000; crop damage was negligible.							
Massachusetts State	19				0	0	5	0		Rain, hail lightning
			Heavy rain combined with snowmelt to cause flash flooding of small streams. Some roads and streets washed out. Phone service disrupted for many customers by wet cables. Scattered lightning damage. Hail mostly in eastern portion and mostly less than 1/2 inch size but locally up to from 1 to nearly 2 inches in diameter, especially in the Norwood to Weymouth area. Hail accumulated to 2 inches deep locally in Norwood. Some greenhouse glass broken, auto tops and an airplane damaged, and buds knocked from trees and shrubs by hail. Hail occurred at mid-day, mostly in the noon hour.							
State	22-23				0	0	5	0		Rain, wind, lightning
			Heavy rain caused local landslides and road washouts and flooded some roads and cellars. Families had to be evacuated from flooded homes in lowlands. Wind caused much beach erosion and scattered damage inland. Scattered lightning damage.							
West Bridgewater	26	12:30 P.M.			0	0	1	0		Dust devil
			Small dust devil damaged lawn furniture.							
Michigan										
Mt. Pleasant 14NNE, Isabella County	9	9:25 pm* 1/2	7		0	0	4	0		Tornado
			Small tornado touched down, moving northeastward, in a rural area west of Loomis. It twisted off trees, power lines, and damaged one home. Total losses estimated at near \$5,000. Additional minor damage was caused by lightning in southwest and central Michigan.							
Coldwater 6SSE, Branch County	15	6:45 pm	1/2	7	0	0	3	0		Tornado
			Tornado, moving northeastward on east shore of Long Lake, damaged one cottage, two tool sheds, and a trailer while twisting off several trees. Total damage estimated at \$3,500.							
Otsego, Allegan County	17	5:25 pm			0	0	0	0		Funnel aloft
			Public reported funnel cloud.							
Plainwell 1N, Allegan County	17	5:30 pm			0	5	4	0		Thunderstorms Hail
			Thunderstorms, high winds, and golfball-size hail moved through southwest-south central Michigan during the early evening hours. Several minor fires were set by lightning, marble to golfball-sized hail caused no damage but heavy rain washed out sections of roads in Allegan County. High winds demolished a large trailer, injuring 5 occupants, one seriously, in Allegan County.							
Minnesota										
Entire State	1-30				?	?	?	?		Flooding
			Due to exceptionally heavy snowfalls in December and January across the entire State, except for the very Northwest and Southeast, flooding of all major rivers and their tributaries was common after the spring melt in early April.							
			For details refer to Climatological Data, National Summary, April, 1969.							
Wadena, Wadena County	8	9:00 am			0	0	4	0		Winds
			Strong winds with gusts estimated up to 75 mph damaged metal roof and buckled some side walls of a warehouse under construction.							
Trimont, Martin County	8	Morning			0	0	0	0		Lightning
			Lightning knocked out the long distance lines for one day at Trimont.							

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Mississippi Jones County	5	7:20 a. 10:45 a.			0	0	?	0	Wind
Residents of Big Creek Community (10 1/2 miles Laurel) reported several trees downed. Damaging winds hit Laurel about 7:20 a.m. near downtown business section, primarily within 1/2 block residential area noted for water oaks (which have no tap roots). Close to a dozen large trees, including several historic live oaks, some 60 years and older, toppled over; one crushed part of a home, while another damaged the corner of another home. Limbs and other debris littered most city streets, blocking some. At least 4 utility poles blown down; power lines and telephone cables downed under trees; power interrupted in part of area, service reported restored by noon. Roof of city water well pump house blown off. The worst of the storm occurred in less than 10 minutes during which sheets of rain whipped by high winds limited vision in downtown Laurel to a few feet. The State Civil Defense reported strong straight-line winds blew down several small to medium size trees in Laurel (Lat. 31.7° N, Long. 89.1° W) around 10:45 a.m.; no injuries or property damage.									
Forrest County	5	7:30 a. 8:00 a.			0	0	0	0	Turbulence Aloft
Hattiesburg Police Department reported strong gusty winds between 7:30 a.m. and 8:00 a.m. but no damage. Pilot reported extreme turbulence at 8:00 a.m. over Hattiesburg (Lat. 31.3° N, Long. 89.3° W) altitude not given. A line of heavy rain, hail and gusts 46 mph moved across airport towards ESE.									
Lauderdale County	5	9:25 a.							Funnel Cloud Aloft
Civil Defense Unit at 9:25 a.m. sighted tornado funnel S of Meridian (Lat. 32.0° N, Long. 88.8° W). Radar located it 125SE Meridian moving E about 30 mph. By 9:45 a.m. funnel had receded back into clouds and storm moved out of county to near Thomasville, Alabama. No reports of damage, funnel apparently did not touch ground.									
Pontotoc County	5	Before 7:30 p.			0	0	?	0	Lightning
House just N of Pontotoc city limits, on Highway 9, had its antenna struck by lightning. A blaze discovered about 7:30 p.m., spread through the home's false ceiling, residence completely destroyed.									
Northern Mississippi	9				0	0	?	0	Heavy Rain
Thunderstorm moved eastward, some heavy rain and local flooding of small streams in parts of northern Mississippi; some light hail. TUNICA COUNTY: A 24 hour amount of 4.25 inches rain measured at Tunica at 7:00 a.m. on the 10th. DE SOTO COUNTY: Creeks and ditches overflowed, some roads closed for awhile; bridge washed away and another sank somewhat; other county roads and bridges damaged. At Hernando 5.45 inches of rain measured between 9 a.m. and 3 p.m. ALCOH COUNTY: Considerable flash flooding; many streets in Corinth and county looked more like rivers or streams than roads; some vehicles stalled. Few Corinth residential areas flooded; newspaper reported, "the heaviest downpour seemed to be in the north part of the city." OKTIBBEHA COUNTY: Water covered roads and highways in several places; some damage to county roads and a bridge out in District Three. GRENADA COUNTY: Cooperative Observer at Grenada observed small pellets of hail at Canton, 5:10 p.m.-5:15 p.m.; covered ground. Heavy rain, no wind damage. ATTALA COUNTY: Public report of 1/2 inch hail at Adams, about 5:10 p.m.-5:17 p.m., covered ground. No wind damage.									
Leake and Madison Counties	10				0	0	0	0	Hail
Newspaper noted, "Hail also fell in a number of places including Lena and Canton. It was reported in excess of an inch in diameter, and accumulations were enough in Lena to make the roads very slick." No damage reports received.									
George County	10	1:30 p.			0	1	?	0	Lightning
Lightning struck Agricola home. One-legged woman knocked to floor. She commented, "All the rain was just about over and I thought it was clearing off. There was one big clap and that was all there was to it. When it hit, it just hit." The lightning broke 13 panes in five windows, did other damage within the 62-foot long house and when leaving blew a hole in the brick wall near the ground, then burned paths across half a rose bush, through a flower bed, up one side a shed and across an already destroyed pump house in the back yard.									
Pearl River to Covington Counties	13	2:30 a. 5:30 a.			0	0	?	0	Thunderstorms, Wind
High winds accompanying early morning thunderstorms caused some damage in several areas. No report of funnels or "roaring" received. PEARL RIVER COUNTY: At approximately 2:30 a.m. at Oak Hill Community, just NE Poplarville (Lat. 30.8° N, Long. 89.6° W) wind damage occurred in one area; some roofing blown off house, none of occupants injured seriously enough to be admitted to the hospital; several trees blown down and some other timber damage. MARION COUNTY: Newspaper noted that about 3:00 a.m., "just N of Kokomo.... Some damage was reported to buildings and barns, but no injuries." COVINGTON COUNTY: At about daybreak (around 4:45 a.m.-5:30 a.m.) some damage in Line Star Community, 1 1/2 miles Collins (Lat. 31.6° N, Long. 89.7° W). Minor damage: Some power and telephone lines knocked out, roofs off some barns, no reports of injuries.									
Mississippi (continued)									
Hancock County	13	9:30 a. 9:35 a.	**200	100	0	0	4	0	Tornado
Storm moved from SW towards NW during cloudy and rainy weather; there were, "dark clouds - with white streak above the horizon." Tornado touched down in Rocky Hill Community, 20N Bay St. Louis (Lat. 30.6° N, Long. 89.3° W) where 1 unoccupied, "house was completely destroyed - beyond repair," and another house was twisted on its foundation, trees were demolished or stripped; two tool sheds lost, a smokehouse turned completely around, and some debris strewn as far as a mile away. Man reported seeing two funnels which reached ground. Cooperative Observer indicated location 5 miles from the Standard station.									
Stone County	13	11:20 a.	Short	Narrow	0	0	?	0	Tornado
Tornado touchdown reported by public 7W Higgins (Lat. 30.9° N, Long. 89.2° W). Highway Patrol reported 1 barn destroyed and slight damage to house, no injuries.									
Walshall County	13	12:15 p.	Short	Narrow	0	2	4	0	Tornado
Storm moved from SW to NE; from murky and dripping skies, tornado dipped down twice in State Line Community, 12SE Tylertown. First destroyed barn and several sheds, unroofed a tenant house where 1 man was slightly injured then rose. Nearly a boy saw funnel coming and alerted family; tornado touched down again and cut narrow path of damage across farm. A dozen peach trees, more than 50 years old, uprooted; a dairy milk barn and part of a hay barn destroyed; some windows sucked out of S side of farm home, while small house behind it was totally destroyed and a farm hand received slight injuries.									
Hinds County	13	12:25 p.			0	0	0	0	Hail
Golf ball size hail (1 3/4") at Edwards, 15W Jackson, (Lat. 32.3° N, Long. 90.6° W) reported by Highway Patrol. No damage reports received.									
Copiah County	13	12:35 p. 1:15 p.	6	100 to 400	0	6	4	0	Tornado
Tornado reported touched down in Allen Community, 17SE Hazlehurst, moved from SW towards NE and next reported touched ground 13SE Hazlehurst where it mostly stayed on the ground for about 2 miles. Damage mostly to timber; one house lost roof and 6 occupants received minor bruises; several other houses damaged; garage and 3/4ths of a barn destroyed; damage also reported to some cow pens, fences and gardens.									
Hinds County	13	About 12:52 p.							Funnel Cloud Aloft
Man reported funnel cloud over Highway 22, 7SW Flora moving eastward toward Pochahontas. No further sightings and by 2:00 p.m. apparently dissipated. No damage reports to east received.									
Hinds County	13	About 1:00 p.			0	0	?	0	Wind
Wind damage reported in Brownville Community, 11SW Flora, (Lat. 32.3° N, Long. 90.4° W). Trees and house tops blown off, 3 barns downed.									
Lawrence County	13	1:50 p. 2:05 p.	6	75 to 200	0	0	4	0	Tornado
Funnel cloud aloft observed to dip to ground about 6NE Monticello, storm moved from SW towards NE and other reports indicated touch-downs. Damage mostly to timber; at farm about 4N Silver Creek estimated \$16,000 damage occurred, barn was destroyed, house pretty well torn up and other damage.									
Lawrence County	13	2:30 p. 2:45 p.	4-5	100- 400	0	0	4	0	Tornado
Man reported funnel about 200 feet high formed at 2:30 p.m. a few hundred yards west of Lawrence Fire Tower (Lat. 31.6° N, Long. 90.0° W) then came down to ground and moved towards NE traveling about 20 to 30 mph. There was damage to homes, barns and timber.									
Covington to Smith Counties	13	3:00 p.	8	100 to 400	0	11	5	0	Tornado
Two or three funnel clouds aloft; one observed to dip to ground near U. S. Highway 49 near Mt. Olive, then moved towards NE through woods, crossed Mt. Olive where it left a path of destruction about 3 blocks wide then traveled on into Smith County where numerous farm homes and buildings in the New Haven Community were damaged before tornado lifted. Radar located hook echo just N of Mtz at 3:20 p.m. At 3:50 p.m. hook echo was no longer visible in thunderstorm cell which was located SESE Raleigh. Highway Patrol Units to NE of Mtz reported no evidence of tornado activity. Damages estimated around \$100,000.									
Covington County	13	3:25 p.	Short	Narrow	0	0	?	0	Tornado
Highway Patrol confirmed another tornado touchdown at 3:25 p.m. at Mt. Olive (Lat. 31.8° N, Long. 89.7° W).									
Smith County	13	3:30 p.							Funnel Cloud Aloft
Private citizen reports funnel cloud in White Oak Community area. [25SE Jackson, Lat. 32.1° N, Long. 89.7° W] No reports of damage.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

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	
Mississippi (continued)									
Lauderdale County	13	4:30 p. 4:45 p.							Funnel Cloud Aloft
<p>Funnel cloud sighted at 4:30 p.m. by (Civil Defense spotter 10W Meridian (Lat. 32.3° N, Long. 89.0° W). Funnel cloud reported by public 4:45 p.m. 8N Meridian (Lat. 32.5° N, Long. 88.8° W). No reports of touchdowns. Newspaper on 11th noted, "Wind damage was listed as minor...."</p>									
Newton County	13	4:50 p.							Funnel Cloud Aloft
<p>Radar indicated hook echoes or possible hook echoes in county about 4:50 p.m. (about 10E Forest, 5W Newton). Newton Record (newspaper) noted, "Newton County suffered high winds and torrential rains during the weekend, but the slighted twisters in the county did not touch down to add destruction and damage." The Cooperative Observer's 24 hour rainfall total at Newton was 5.85 inches at 5:00 p.m.</p>									
Attala County	14	6:00 a.							Funnel Cloud Aloft
<p>On Highway 35, 4N Kosciusko, (Lat. 33.0° N, Long. 89.6° W) truck driver reported seeing funnel cloud moving W. Radar at 6:08 a.m. indicated tops 23,000 feet, 12N Kosciusko, no hook visible, line moving towards E, cells moving from SW. Highway Patrol reported they saw heavy rain only at 6:14 a.m. No reports of wind damage received.</p>									
Hinds, Madison and Rankin Counties	17	11:35 a.			0	0	?	0	Heavy Rain
<p>Radar indicated locally heavy showers in vicinity of Jackson. Public reported high winds, flash flooding, hail 1/4 to 3/8 inches diameter near Candlestick Park, South Jackson. This very heavy thunderstorm deluged downtown and outlying sections of Jackson and was reported lasting about 10 minutes; by 11:45 a.m. radar indicated it over Barnett Reservoir moving NE 45 mph.</p>									
Leflore County	17	1:45 p. 2:00 p.			0	0	?	0	Thunderstorm
<p>High winds accompanied by rain hit Greenwood about 1:45 p.m.; hail hit the downtown area when the rain first started. No one saw a funnel cloud. Property damage was reported in all sections of the town. Hardest hit in a single area was the Blue Lake Subdivision just east of Greenwood. A brick column in front of one home was hurled through front door; a utility house at another home was hurled into air; many tree limbs broken in area; power lines were down in sections of subdivision and lights were out; shingles off roofs and some glass and wall damage; new homes under construction damaged; on the school grounds a flag pole toppled, several trees felled and glass broken. Public report of wind damage at 1:54 p.m. at 1E Greenwood (Lat. 33.5° N, Long. 90.2° W); Highway Patrol found litter and debris blown about, 1 tree down, 1 TV antenna down, 1 truck slid off road, no injuries. Tree limbs were down in the business and residential sections of Greenwood; utility office said, "lines are down all over town." At 2:00 p.m. a severe thunderstorm with gusts to 63 mph was reported at Greenwood Municipal Airport (Lat. 33.5° N, Long. 90.2° W). Newspaper noted, "roofs and television antennas were damaged across much of eastern half of Leflore County." The storm resulted in numerous insurance claims; one firm felt the claims, "would be minor in individual dollars and cents, but numerous...."</p>									
Simpson County	17	3:15 p.			0	0	0	0	Thunderstorm, Hook Echo
<p>Radar indicated hail in very heavy thunderstorm 8N Georgetown moving to E rapidly; at 3:38 p.m. hook echo indicated 5N Mendenhall moving toward ENE about 35 mph; in a few minutes the parent thunderstorm decreased slightly in intensity and was located 8N Mendenhall.</p>									
Rankin and Smith Counties	17	4:10 p.			0	0	0	0	Thunderstorm, Hook Echo, Funnel Cloud Aloft
<p>Radar showed hook echo near Puckett moving ENE about 30 mph; at 4:15 p.m. showed heavy thunderstorm 8N Raleigh moving ENE 35 mph; at 5:15 p.m. reported hook echo had dissipated. Highway Patrol reported unable to find (up to 5:13 p.m.) any damage in SE Rankin County, just heavy rain.</p>									
Rankin County	17	Shortly After 4:00 p.	Short Narrow		0	0	0	0	Tornado
<p>Man reported tornado touchdown at approximately 4:15 p.m. in open field SE of Plain (Highway 495, 10SE Jackson). No damage or injuries.</p>									
Lauderdale County	17	6:15 p.			0	0	0	0	Hook Echo
<p>Radar showed hook echo 15SSW Meridian moving towards NE 40 mph; at 7:00 p.m. reported hook echo had dissipated. No damage reports received.</p>									
Simpson County	17	7:20 p.			0	0	?	0	Wind
<p>Just SW of Sanatorium: Highway Patrol reported some damage to houses, believed due to straight-line winds.</p>									
Jackson County	23	After 12 Noon			0	0	4	0	Thunderstorms
<p>Strong winds hit just after noon; trees uprooted and minor damage in Escatawa, Black Creek, and Orange Grove Communities. Probably the most serious damage came from high winds blowing down trees which</p>									
Mississippi (continued)									
Jackson County	23	Before 12:33 p.							Funnel Cloud Aloft
<p>Newspaper published, "Mike Byrd spotted a funnel cloud up on Black Creek. He called the Pascagoula Police Department and reported it. They called Civil Defense...." Civil Defense Director tracked the storm to Helena and then to Orange Grove. Pascagoula Police at 12:33 p.m. reported storm, moving SE; trees blown down in Moss Point and heavy rain." Newspaper published, "The Pascagoula Civil Defense office reported no funnels actually touched down unless possibly in a wooded area between Orange Grove and Bayou la Batre... although none touched down the funnels did create extreme high winds at ground level." Radar at 12:45 p.m. indicated movement to SE about 30 mph.</p>									
Jackson County	23	1:10 p.							Funnel Cloud Aloft
<p>Highway Patrol spotted small "tornado" (funnel cloud aloft) at Orange Grove (Lat. 30.4° N, Long. 88.4° W) which did not touch down and dissipated a short time later.</p>									
Coastal Division	23	afternoon			0	0	0	?	Hail
<p>Some hail battered parts of the coast. HANCOCK COUNTY: Heavy hail storm reported in Pass Christian area in early afternoon; damage confined mostly to bushes and shrubs. Several residents reported their lawn looked as though it had snowed. Gulfport Police reported hail currently (3:10 p.m.) falling E of Pass Christian about the size of dimes. JACKSON COUNTY: Highway Patrol reported heavy hail falling 14N Ocean Springs at 1:30 p.m.; no size of hail given. Pascagoula Civil Defense reported: Thunderstorm in progress 2:31 p.m. at SSE Pascagoula with golf ball size hail; heavy thunderstorm over Pascagoula at 3:13 p.m. with 1/2 inch hail. Pascagoula Cooperative Observer reported, "hail 3/8 inch diameter...high winds in area." Gulfport-Biloxi newspaper indicated, "Ocean Springs... reported golf ball size hail."</p>									
Sharkey County	27				0	1	?	0	Wind
<p>At Mitta Yuma wind reported to have blown porch off house and tree onto house trailer. At Anguilla in afternoon: Cottonwood tree approximately 70 feet, 24 inches in diameter fell on kitchen portion of house trailer and limb hit head of woman sitting at kitchen table, throwing her under table. South of Anguilla, at burned-out tourist court, "heavy bathroom appliances...and pieces of heavy tin were also moved into nearby field...during the winds."</p>									
Holmes County	27	Before 4:09 p.			0	0	?	0	Wind
<p>Highway Patrol checked damage at Thornton: A tree down and a couple of butane gas tanks blown over; unit believed it was not attributed to a tornado, although winds were gusty. Public report indicated damage occurred a few minutes before 4:09 p.m.</p>									
Union County	27	6:30 p.							Funnel Cloud Aloft
<p>Highway Patrol reported funnel in air near New Albany, 1 1/2 miles S of Highway 30 in Graham Community (Lat. 34.5° N, Long. 89.0° W). No damage reported. Radar indicated moderate showers in area, no severe activity.</p>									
State	28	2:00 a.							
<p>Daylight Saving Time took effect. Mississippi newspapers, etc. changed to Daylight Saving Time; Mississippi section this publication remains on Central Standard Time (90th Meridian).</p>									
State									
<p>MONTH: Supplemental information of reports and weather summary in April 1969 Climatological Data, Mississippi.</p>									
Missouri Drexel, Bates and Cass Counties	4	4:00 - 4:15 P.M.	25	100				5	Tornado
<p>The tornado first touched down at LaOygne, Kansas and entered Missouri in extreme northwest Bates County about 1 mile south of Drexel causing extensive damage to 9 farms. It finally lifted 1 mile north and 1 mile east of junction of Routes 0 and A. Harrisonville Fire Department reported observing the funnel passing 5 miles south of Harrisonville, but no damage was apparent.</p>									
Holden, Johnson County	4	5:20 - 5:30 P.M.		150				1 5	Tornado
<p>Extensive damage to trees, farm buildings and homes. One woman suffered a broken arm. This was most likely associated with the storm that struck LaOygne, Kansas and Drexel, earlier in the afternoon.</p>									
Mexico, 15 mi. NW, Audrain County	4	6:30 P.M.							Funnel Cloud

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APRIL 1969

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					KILLED	INJURED	PROPERTY	CROPS	
Missouri (continued) Southwest and North-east Four Sections of the State	4	afternoon			4	4			Thunderstorms, hail, wind and lightning
									Heavy thunderstorms moved across Missouri from southwest to northeast during the afternoon and into the night. Three-inch hail fell northeast of Lamar in Barton County at 4:00 P.M.. Southeast of Madison, Monroe County, wind caused damage to the Virgil Hulon farm around 6:00 P.M.. Lightning struck the Ratliff home in Kirksville at 6:20 P.M. causing considerable damage. Several buildings were damaged west of Elsberry in Lincoln County at 8:00 P.M..
St. Louis and Jefferson Counties	9	3:00 - 4:00 A.M.					5		Thunderstorms, hail, lightning
									Thunderstorms moved to the St. Louis area about 8:00 A.M. causing scattered damage to University City, Overland, Florissant and Chesterfield. Damage was inflicted on the Erason Branch School roof around 3:20 A.M. Other damage in the area included traffic signals, advertising signs and uprooted trees. A roof of a building under construction in Florissant collapsed under weight of water and gravel. Lightning started a fire resulting in total loss of a house in Chesterfield. High winds also caused considerable damage on a farm 2-1/2 miles northeast of High Ridge in Jefferson County.
Centerville, Reynolds County	9	afternoon							Thunderstorm
									Large, irregular-shaped hail near Centerville in an area called Howe's Mill. Hailstones approximately the size of a young boy's fist. Good picture in April 14, 1969 issue of Salem News, published at Salem, Missouri.
West half of State	16	afternoon			1	5			Thunderstorms, hail, lightning
									Severe thunderstorms hit portions of western Missouri during the afternoon and evening. Hail damaged a greenhouse in Marshfield in Webster County, in the afternoon. Lightning struck a home southwest of Milan in Sullivan County, burning it to the ground. Ping pong ball size hail caused considerable damage to Liberty in Clay County. A lady suffered a head cut from one of the hailstones. Damage to Liberty reached several hundreds of thousands of dollars in widely scattered damage. Hail hit the Cole Camp area, Benton County, between 8:30 and 9:00 P.M.. Stained glass windows were broken at one church. Hail eight inches deep was reported at one farm.
Polk County	17	8:00 - 8:15 P.M.	15	850					Hail
									Hail caused damage to several farms north of Bolivar. Path of damage was from six miles west of Bolivar to ten miles northeast of Bolivar.
Osage County	17	9:00 P.M.	1	200			4		Tornado
									A tornado touched down about 6 miles southwest of Chanois and caused damage to four farms in its path. It moved from south-southwest to north-northeast.
Statewide	23						4	4	Rain, flooding
									Heavy rains caused some minor flooding on the small streams throughout the State.
Lee's Summit, Jackson County	26	6:10 - 6:15 P.M.	5		1	4			Tornado
									A funnel cloud at treetop level caused minor damage to homes in Lee's Summit. Two persons witnessed the funnel.
Vernon County	26	9:10 - 10:05 P.M.	narrow				3		Tornado
									A funnel cloud was sighted 4 miles south of Nevada and moved north-easterly, touching down briefly in open land between Nevada and El Dorado Springs, then lifted.
Montana Flathead Valley, Lake County	23	Afternoon			0	0	4	0	Wind
									A severe thunderstorm moved northeastward across the Flathead Valley during the late afternoon. Winds gusted to 64 m.p.h. at Creston. A 30' x 70' roof and sides of a lumber company loading dock were blown 60 yards. At least 100 buildings reported damaged; mostly barns, grainaries and dairy sheds.
Southeastern	25-26				0	0	6	0	Blizzard
									A spring snowstorm of unparalleled intensity in recent history developed over southeastern Montana on the 25th and continued the 26th. Heavy snow accompanied by high winds caused more than \$500,000 damage to utility lines over a 12 county area. All communication lines into Broadus were put for ten days. Full telephone and electric service were not restored to some rural areas for more than a month. Tens of thousands of livestock were lost. Preliminary estimates show a \$225,000 loss in livestock in Powder River County alone, and total damage and losses in the storm area probably exceeded \$1 million by quite a margin. The heaviest losses occurred in an area about 100 miles wide extending from the west end of Fort Peck Reservoir southeastward through Powder River County. However, damage and livestock losses were also reported in scattered areas north of the Missouri River.
Nebraska Thayer County	14	7:35 p	?	?	0	0	0	0	Hail
									Hail reported at a number of sites in southeastern Nebraska. Most of the stones were a half inch or less in diameter but ranged up to an inch in the Hebron area.
Nevada									None reported
New Hampshire Southampton	19				0	0	4	0	Rain, lightning, hail
									Heavy rain combined with snowmelt to cause flash flooding of small streams and some wash-outs. Scattered lightning damage. Hail at mid-day, mostly quite small.
State	22-23				0	0	5	0	Rain, wind, lightning, hail
									Generally heavy rain variable locally to over 3 inches. Local washing and flooding. Scattered wind and lightning damage. Hail in parts of southern portion, covering the ground at Peterboro.
New Jersey									None reported
New Mexico Jal, Lea County	10	7:35p.					2	4	Tornado
									Tornado west of Jal moving toward northeast. Two injured by flying debris. Power line poles uprooted southwest of Jal, drive-in movie screen blown down south of town, glass broken, roofs and antennae damaged.
Socorro County	11	1:30p.							Funnel cloud
									Funnel cloud rapidly dipped earthward from cumulonimbus cloud several times, 10 miles south of San Antonio. Hail accumulated along highway for about 1 mile.
Curry County	16	12:15p.	1/8	50			2	?	Tornado, hail, wind
									Tornado touched down 8 miles northwest of Clovis, moving toward southeast. Field sprinkler damaged. Hail to over 1-inch diameter west of Ranchvale. House trailer overturned. Wind gusts estimated to 80 mph. Dust devils 7 miles northwest of Orin.
Clovis, Curry County	23	8:00p.					2		Hail, wind
									Hail to 3/4-inch diameter and wind gusts estimated to 80 mph about 2 miles south of Clovis. Two buildings damaged.
Lea County	23	11:30p.						?	Hail, heavy rain
									Hail at several localities, and to over 1-inch diameter 2 miles northeast of Humble City, with one inch of precipitation. Some hay damaged and some cotton replanting caused.
Quay County	23	4:00p.						?	Hail
									Hail, mostly 1/4-inch diameter or less, but a few stones to 3/4-inch diameter in area 3 miles west of San Jon. Hail accumulated to 2-inch depth in area 6 to 7 miles long, north to south, and 1 to 2 miles wide. Damage to shrubs and trees.
New York Syracuse, Onondaga County	10	p.m.						3	Wind, rain
									Localized storm of wind and heavy short-duration rains affected northern half of city. Winds gusting 30 to 40 mph. ripped large cornice off store front on city's main street. Falling tree smashed porch on residence as downed power lines affected 2,000 customers. Rains caused scattered flooding of basements and low lying streets.
Ausable Forks, Clinton County	18	early a.m.						5	Electrical
									Lightning-caused fire destroyed large 14-room home, located in northeastern edge of Adirondacks. House belonged to famous artist and loss included valuable paintings, manuscripts, etc.
New York City	19	9 a.m. to 11 a.m.						4	Heavy rain
									Heavy short-duration thundershowers caused widespread flooding of basements, streets, expressways, yards and low-lying areas on Staten Island and in Borough of Queens. Cooperative weather observer on Staten Island measured 1.12 inches of rain between 9:00 and 9:30 a.m. Storm totals in New York City area ranged from 0.7 to near 1.5 inches. Light hail occurred at scattered points.
Northeast	25-28								Flooding, high water
									An extended period of heavy precipitation between the 16-24th plus late season snow melt resulted in the overflow and flooding by streams in the eastern Adirondacks drainage. Precipitation totals in the 9-day period of 3.5 to 4.0 inches in Warren and Essex Counties kept the Schroon River above flood stage between the 25-28th, flooding shoreline cottages and other properties. Inflow from eastern Adirondacks streams raised level of Lake Champlain to the highest in 20 years, according to local residents. A wide strip of shoreline property was under several feet of water.

See reference notes at end of table.

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					KILLED	INURED	PROPERTY	CROPS	
North Carolina Scotland, Robeson, Cumberland Counties	18	4:15pm-5:10pm	40	450	0	0	5	0	Tornado
<p>Crossed South Carolina line into southeastern Scotland County about 4:15 pm, moved northeastward into Robeson County near Maxton, and thence past Parkton into Cumberland County, arriving at a point 10 miles south of Fayetteville at 5:10 pm. Touched down only occasionally for short distances. Large trees blown down or broken off above ground in several places; several frame buildings demolished. Utility lines broken, poles blown down. Mobile home carried 50 yards, destroyed. Some wind damage also reported at off-path points near Pembroke, Robeson County, and in the southern edge of Johnston County.</p>									
Sampson, Wayne Counties	18	4:15pm-4:45pm	25	300	0	1	4	0	Tornado
<p>Blow down large trees, lifted roofs and demolished outbuildings in Roseboro, then moved northeastward near Faison and Mount Olive to suburbs of Goldsboro, causing similar damage in short stretches along path. Destroyed a frame home and farm machinery near Faison. Lifted a car off U. S. highway 117 into a wooded area, injuring occupant.</p>									
Union, Anson, Stanly Counties	18	5:45pm-6:30pm	35	300	0	0	5	0	Tornado
<p>Funnel seen. Moved northeastward from a point north of Monroe across extreme northwest corner of Anson County to Lake Tillery in southeastern Stanly County. Destroyed numerous large commercial poultry houses and several other frame buildings; one mobile home demolished. Damaged several homes, twisted off and uprooted trees, broke power and telephone lines. Lifted an automobile, turned it around, and carried it some distance.</p>									
Randolph County	18	7:15 pm	short	narrow	0	1	4	0	Tornado
<p>Funnel reported seen to pick up mobile home near Liberty and dash it against nearby house; house damaged, mobile home "exploded" Woman leaving mobile home just as it was picked up was injured.</p>									
Chatham, Durham Counties	18	10:30pm-10:45pm					4	0	Electrical
<p>Four buildings burned by lightning-set fire in Durham; lightning damaged transmission facilities of educational television station.</p>									
Craven County	19	4:14 am	short	narrow	0	0	3	0	Tornado
<p>Seventeen large trees reported twisted off above ground in a small area of Croatan Forest. One fell on and crushed a camper trailer. Little other damage.</p>									
Columbus, Duplin, Greene, Robeson, Sampson, Wayne Counties	29	Afternoon & evening					0	5	Hail
<p>Tobacco plant beds destroyed several areas. Some tobacco in fields, corn, fruit, vegetables and small grain crops damaged. Hail reported in some other areas but little or no damage because crops not yet growing.</p>									
North Dakota			None	reported					
Ohio Findlay Area, Wyandot County	9	7:50p							Funnel aloft
<p>Public and highway patrol spotted a funnel cloud near Carey. The funnel was not observed touching the ground.</p>									
Edon Area, Williams County	17	8:30p	Short	300	0	0	4		Tornado
<p>A funnel aloft touched ground, briefly damaging two barns (one barn was completely demolished.) and picked up a vehicle and swung it around without causing substantial damage. Residents reported hearing a loud roaring sound moving toward the northeast.</p>									
Erie, Ottawa, and Lorain Counties	18-19	Afternoon night			0	Several	5		Wind, rain, flooding
<p>High winds with an occasional gust to 70 mph and torrential rain cut off power and washed out roads in cities and villages across the lakefront from Avon Lake to Port Clinton. Flooding from Lake Erie forced the evacuation of 50 homes in Sandusky. Half of these homes sustained heavy damage. Rainfall amounts exceeding 2 inches were common. In Cleveland a man was seriously injured when a tree fell on his car. Scores of auto accidents and minor injuries were attributed to the stormy conditions. In Sandusky, part of the Cedar Point Chaussee was washed away by 15-foot-high waves. Sustained winds of 35 to 40 mph were reported by the Coast Guard at Marblehead. One marina operator estimated damage to his breakwall and docks at \$30,000.</p>									
Cleveland Area, Cuyahoga County	21	6:30p			0	0	4		Funnel aloft and wind
<p>Some residents of Brooklyn and Brooklyn Heights (both suburbs of Cleveland) reported seeing a "funnel shaped" cloud. There was minor wind damage and a few trees blown down in 4 areas. Each area was small (about 50x100 yards) but in a straight line from about 1 mile north of Cleveland Hopkins Airport to about 10 miles east. Damage to a greenhouse was quite extensive at the 10 mile east location.</p>									
Oklahoma Tulsa, Tulsa County	2	2:45a.	?	?	0	0	0	0	Hail
<p>Oklahoma Highway Patrol reported 3/4-inch hail. No damage was reported.</p>									
9S Fairland, Delaware County	4	5:05p.	**50	100	0	0	4	0	Tornado
<p>A seven-stall boat dock at Airport Resort on Monkey Island, 9 miles south of Fairland was hit by a tornado tossing a 137-foot dock upside down on the ground and causing major damage to three boats. Guest at the resort observed the tornado. Adjacent docks were not damaged.</p>									
Council Hill, Muskogee County	4	6:30p.							Funnel aloft
Checotah, McIntosh County	4	6:30p.							Funnel aloft
Near Arrowhead State Park, Pittsburg County	4	6:38p.	?	?	0	0	3	0	Tornado
<p>A tornado struck rear of Leon Woody home south of Arrowhead Lodge. Glass was blown out of rear door and windows. Roof was damaged and TV antenna blown across the northeast corner of building. A large tree was felled in the front yard. Arrowhead Lodge officials reported the tornado traveled northeastward after leaving the Woody home before lifting. Investigation disclosed no further damage in the surrounding area.</p>									
Near Muskogee, Muskogee County	4	7:06p.							Funnel aloft
Enterprise, Haskell County	4	7:07p.							Funnel aloft
Norman, Cleveland County	8	Evening	?	?	0	0	0	0	Hail
<p>Three-quarter-inch hail fell at Norman, but no damage was reported.</p>									
Lincoln and Okfuskee Counties	8	8:30p.	?	?	0	0	?	?	Hail, rain, wind, funnel aloft
<p>Thunderstorms moving eastward across Lincoln and Okfuskee Counties during evening produced gusty winds, heavy rain, and scattered hail reports. Hail three-quarter-inch in diameter or larger reported at Prague, Stroud and Chandler in Lincoln County and at Okemah in Okfuskee County. A city employee sighted a funnel aloft southwest of Prague. No major damage was reported from the storms.</p>									
Woods and Alfalfa Counties	16	1:00p.-2:30p.	30	*15	0	0	4	5	Hail, wind, and rain
<p>A storm covered the area from Waynoka northward to Alva and eastward to the Deacons and Cherokee areas. Thousands of acres of wheat crop was damaged or completely destroyed. Extensive damage to roofs, autos, and windows was reported.</p>									
Carmen area, Alfalfa County	16	2:30p.	12	200	0	0	*5	C	Tornado, hail, wind, and rain
<p>A tornado, moving from southeast to northwest, cut a swath 12 miles long and 200 yards wide west and north of Carmen. Seven farm homes were destroyed or heavily damaged. A lady in the storm cellar of her home 1 1/2 miles north of Carmen reported a tremendous deafening roar, and pressure on her ear drums. At Carmen many homes received water damage because of windows broken out and roofs damaged by the hail. Carmen Methodist Home received 150 broken windows and damage to the roof. Alfalfa Electric lost one mile of electric lines. Hail up to 2 1/2 inches in diameter accompanied the tornado.</p>									
Beckham County	16	2:30p.-3:00p.	20	*1-5	0	0	5	3	Hail, rain, and wind
<p>Thunderstorms produced hail, wind, and heavy rain in Beckham County during the afternoon extending from Texola eastward to near Sayre. Hailstones up to 4 inches in diameter were reported. Extensive damage to windows and roofs was reported at Erick.</p>									
20SE Woodward, Woodward County	16	2:50p.	?	?	0	0	0	0	Hail
<p>One and three-quarter-inch hail was reported near the Cedardale Community. No damage was reported.</p>									
Tillman and Cotton Counties	16	3:30p.-5:30p.	20	*5-8	0	1	6	5	Tornado, hail, wind, and heavy rain
<p>Thunderstorms struck the area from Grandfield and Devol northeastward to Walters and Temple. Most sections of this area received heavy crop and property damage. A large portion of the damage was caused by a tornado that touched down three times before returning to the parent cloud. The first touch-down was south of Devol where no damage was reported. The second touch-down was 2 miles north of Randlett where the tornado cut a northeasterly swath about 5 miles long and one-half mile wide before lifting. The third and final reported touch-down was one mile south of Temple where it moved northeast for about 2 1/2 miles. At least six homes and an unreported number of outbuildings were destroyed or damaged in the Temple area. Several homes were also destroyed or damaged in the area northeast of Randlett. Hail, measuring up to 2 1/2 inches in diameter fell in the Grandfield area, causing heavy damage to roofs and windows of homes and downtown buildings. Hailow breakage to auto was also heavy at Grandfield. Both Public Service Company and Cotton County Electric Cooperative reported severe power line damage. One man at Temple was hospitalized from injuries received in the storm.</p>									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

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)									
Fairview, Major County	16	3:45p.-4:45p.	50	*30	0	0	*4	C	Wind, hail, and rain
One trailer home was destroyed and others were damaged. A metal hangar at Fairview Airport was blown away, but a plane parked inside the hangar was not damaged. Some damage was reported to wheat crop in the area, but the extent of the damage was not determined.									
Pond Creek and Lamont area, Grant County	16	4:00p.-6:00p.	20	*4	0	0	5	5	Hail, rain, and wind
Hail, heavy rain, and strong wind caused extensive damage to crops. Damage to wheat crop ranged up to 100% in some locations. Damage to homes and farm buildings consisted of broken windows and hail damage to roofs. Hailstones, measuring up to 1 1/2 inches in diameter, were reported.									
Enid area, Garfield County	16	4:30p.	2	*3	0	0	4	0	Tornado, wind, hail, and funnels aloft
A tornado touched down about 3 miles northwest of Enid doing a reported \$15,000 damage to a home. The tornado then rolled eastward causing minor damage to two other homes. Two other funnels were reported in the area, but investigation did not indicate they touched the ground. Winds up to 85 MPH were reported at Woodring Airport in Enid. No damage was reported to the wheat crop. Hailstones, 1 inch and larger, were reported with the storm.									
Near Randlett, Cotton County	16	4:54p.							Funnel aloft
Custer County	16	5:00p.	?	?	0	0	*4	C	Hail
Hailstones up to 1 3/4 inches in diameter fell in the Clinton and Weatherford area. Six autos were damaged at Riverside Golf Club east of Clinton. Some older roofs in residential areas and flat-roofed roofs in business districts were damaged. There was minor crop damage.									
Blackwell and Tonkawa area, Kay County	16	5:30p.-6:20p.	?	?	0	0	0	0	Hail and funnels aloft
Hailstones measuring 1 3/4 inches in diameter were reported but no damage was reported. Three funnels were sighted, but investigation indicated they did not touch the ground.									
Comanche area, Stephens County	16	About 6:00p.	10	*5	0	1	*5	C	Tornado, hail, wind, and rain
A tornado touched down about 5 miles south of Comanche and moved northeastward along a 5-8 mile long path before lifting. Several homes were heavily damaged or destroyed. The Countryside Baptist on SR-53 east of Comanche was destroyed. At least three cars and two pickup trucks received damage. One man received serious cuts when his home south of Comanche was hit by the tornado. Hailstones 1 3/4 inches in diameter were reported in the area. Crop damage was not believed to be extensive.									
Mulhall, Logan County	16	6:15p.	?	?	0	0	0	0	Hail and wind
Hailstones 1 3/4 inches in diameter and strong winds occurred with thunderstorms in this area. No damage was reported.									
7E Miami, Ottawa County	16	6:20p.	1/4	*1/2	0	0	2	0	Tornado and hail
Ottawa County sheriff heard the tornado which did \$700 damage to several outbuildings.									
Near Crescent, Logan County	16	6:50p.							2 Funnels aloft
10N Shidler, Osage County	16	7:15p.	?	?	0	0	0	0	Tornado
Public Service Company employee reported funnel on the ground moving northeast at 15 MPH. No damage was reported.									
Near Grainola, Osage County	16	7:40p.							3 Funnels aloft
3 1/2S Pawhuska, Osage County	16	8:05p.							Funnel aloft
Davis, Murray County	16	About 9:00p.	?	?	0	0	2	0	Hail and heavy rain
Hailstones up to 2 1/2 inches in diameter were reported in the area. Minor damage occurred to auto windshields. Over four inches of rain fell during the storm.									
Woodford and Springer area, Carter County	16	9:00p.-10:00p.	?	?	0	0	0	0	Tornado
Highway Patrol unit traveling east on SR-53 saw tornado come out of clouds and move eastward on the ground as he heard Woodford. He followed it for 10-15 minutes and lost sight as it moved into Arbuckle Mountains. Patrol Unit again reported sighting the tornado 2-3 miles northeast of Springer at 9:55 p.m. Both sightings believed to be the same tornado. Path was in rural area and no damage was reported.									
Harmon County	26	12:40p.	70	*40	0	0	*5	C	Hail and rain
Hailstones measuring up to 2 inches in diameter caused damage to cotton and wheat crops and some auto damage in the area. Major damage was to the wheat crop. Some roof damage was reported in widely scattered areas.									
Oklahoma (continued)									
Greer and Kiowa Counties	26	1:45p.	30	*5	0	0	*5	C	Hail, wind, and rain
Hail, wind, and heavy rain struck the area during the afternoon. Mangum received hailstones 1 3/4 inches in diameter and stones over an inch in diameter fell in Hobart. The wheat crop received heavy damage with some locations reporting losses at 100%. Homes and other buildings received window and roof damage. Granite had winds to 50 MPH. Heavy rain fell with the thunderstorms.									
Carnegie area, Caddo County	26	About 3:00p.	8	*6	0	0	?	?	Hail
Hail 1 3/4 inches in diameter and larger destroyed several hundred acres of wheat. Roofs of homes and business houses in Carnegie had extensive damage.									
Near Garber, Garfield County	26	4:05p.							Funnel aloft
Minco, Grady County	26	4:25p.							Funnel aloft
Grady County	26	5:00p.	10	?	0	0	5	0	Tornado
Tornado believed first touched down in the Minnetah Community south of Chickasha causing minor damage to outbuildings. It next touched down 100 feet east of the junction of US-62 and SR-39 in the Tabler Community. Here a high line was downed and a metal barn demolished. Debris from the barn struck several cars on US62. One auto had to be towed away. The tornado then lifted before touching down a third time a short distance to the east damaging a home, garage, and barn. A lady whose home was destroyed reported she was in a cellar behind her house and heard a loud roar. In the Tabler Community a total of three homes, four barns, and a camper trailer were destroyed or heavily damaged in addition to the damage to the autos and high lines. No crop damage was reported.									
Blanchard, Grady County	26	5:15p.	?	?	0	0	0	0	Hail and rain
Hailstones 1 3/4 inches in diameter and heavy rain fell as a line of thunderstorms moved eastward at 30 MPH. No damage was reported.									
Oregon									None reported
Pacific									No report received by printing deadline
Pennsylvania									
Southwestern Counties	18	Late afternoon					4		Heavy rain, wind, electrical
A severe rainstorm struck the southwestern counties in the late afternoon, tying up rush-hour traffic in many localities. There was a brief power failure at the Irvin Works of the U. S. Steel Corporation, and a few power interruptions were reported elsewhere. Streets and highways were flooded, particularly at underpasses. Some basements were flooded, and a few homes were reported to have been flooded at ground level in the suburban Pittsburgh area.									
Puerto Rico									
Orocovis	22	afternoon			0	0	*4	C	Heavy Rains
Heavy afternoon thundershowers and rainshowers caused the Orocovis River, which was already swollen due to several days of heavy rain showers, to overrun its banks. There was considerable land erosion with damage to tobacco and other minor crops. Landslides and washouts closed most of the roads into the town including the highways to Manati and to Morovis. All rural roads were badly damaged and unusable. The Department of Public Works had to bring in heavy equipment from the outside to open up some of main roads.									
Rhode Island									None reported
South Carolina									
Aiken, Aiken County	15 16				0	0	5	2	Heavy rain
Extensive flooding occurred in Aiken due to excessive rainfall and rather poor drainage conditions. Nearly ten inches of rain fell in 24 hours, the bulk of it in a three-hour period from 8:30 to 11:30 p.m. on the 15th. Several residential areas were flooded. Water reached a depth of 10 feet on some houses and a depth of 18 feet on one street. Many homes and furnishings were ruined, autos were inundated and some floated down hills. Many downtown stores and merchandise suffered water and mud damage. Damage to streets was extensive in some areas. In one section, 45 cars were towed out of the mud and water. Over 300 people had to be evacuated from their homes. Ironically, the flooding caused two eight-inch water mains to burst.									
Greenwood and Newberry Counties	18	4:40 p.	14		0	0	1	1	Funnel cloud
Winds, rain and marble-sized hail accompanied the storm clouds which produced the funnel. Funnel was viewed for several minutes as it traveled east-northeast from Greenwood State Park to the vicinity of Silverstreet.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

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					KILLED	INJURED	PROPERTY	CROPS	
South Carolina (continued)									
Edgefield County	18	4:45 p.			0	0	1	1	Funnel cloud
									Funnel dipped nearly to the ground twice twisting off tops of a few pines. Started 8 miles north of Edgefield and traveled eastward less than one mile.
Lexington and Richland Counties	18	6:30 p.	10	100	0	0	1	1	Funnel cloud
									Funnel moved east-northeast from Snell's Grove landing on Lake Murray to a point 10 miles north-northeast of Columbia. Parent cloud dropped marblesized hail at some points along path.
Newberry County	18	5:00 p.	2	100	0	0	3	2	Tornado
									Rain and hail up to one inch in diameter fell in town of Newberry and immediate vicinity. The tornado moved north-northeast through a farm 4 miles west of town. Grain, trees and two trailers were damaged.
Cherokee County	18	3:30 p.	1/2	100	0	0	4	0	Tornado
									Tornado moved toward north-northeast and occurred 5 miles southwest of Gaffney. Several buildings were damaged or demolished, and trees were shredded. Trees were draped with tin roofing from demolished houses.
Kershaw County	18	2:45 p.	4	100	0	0	4	0	Tornado
									Tornado touched the ground intermittently along a four mile path from 6 miles southwest of Cassatt to 1 1/2 miles south of Cassatt. Several buildings were damaged or destroyed. Some timber was damaged.
Darlington, Chesterfield and Marlboro Counties	18	3:00 to 4:20 p.	42	100	0	3	5	2	Tornado
									Tornado touched the ground several times along a 42 mile path finally crossing into North Carolina. First sighting was just east of Lake Robinson northwest of Hartsville where it damaged some farm buildings. Power lines were damaged about 1 1/2 miles farther east. Two miles farther along the path a poultry farm was hit and one building was destroyed completely, killing over 1,000 chickens. A trailer and two barns were demolished 3 or 4 miles east of the poultry farm. The path was nearly on the boundary between Chesterfield and Darlington Counties for several miles and Society Hill was hit next at about 3:40 p. m. Here, the tornado touched the ground for 1 or 2 miles damaging houses, barns, trailers, power lines and trees. It crossed into Marlboro County and contacted the ground for 2 1/2 miles about 2 miles south of Bennettsville. Here it crossed two highways and damaged houses and barns and utility lines and poles. One house was destroyed while two women were in it. They were injured only slightly. Two miles farther, just northwest of Clio the storm damaged trailers and buildings. One woman was slightly injured when her trailer overturned. Other buildings were damaged or destroyed south of McCall just before the tornado moved into North Carolina. This storm was seen, heard and felt by many persons. It traveled at the rather high speed of 40 miles per hour along most of its path. Utility damage alone in Marlboro County was estimated at \$15,000.00.
Darlington County	18	8:10 p.	1	100	0	0	4	0	Tornado
									A small tornado moved from southwest to northeast from a point 3 miles north of Hartsville to the New Providence area. A church and cemetery were damaged. Also a house and barn, a carport and several trees.
Kershaw County	18	6:05 p.	3/4	100	0	0	2	0	Tornado
									Tornado crossed highway 97 just south of Liberty Hill. Destroyed one small building and felled several very large trees. A loud roaring noise was heard.
Florence County	29	2:00 p.	8	1,000	0	0	2	5	Hail storm
									Severe hailstorm with high winds and rain struck a tobacco growing area near Johnsonville. About 350 acres of tobacco and 1,000 acres of corn suffered a 50 to 100% loss. Winds reached 50 miles per hour during the brief storm and a large amount of hail and one inch of rain fell in a few minutes time. Minor property and tree damage occurred also. Some power lines were down due to falling trees.
South Dakota									
Eastern Areas	1-30				0	?	7	0	Flooding
									All-time record flooding occurred along the Big Sioux and James rivers and their tributaries. Flooding also occurred in the Vermillion River Basin. Heavy winter snows and continued cold temperatures prevented significant thawing and runoff resulting in a heavy springtime snow pack containing record high water equivalents of 5 to 10 inches. All-time record seasonal snowfall was reported in the southeastern part of the state. The greatest damage occurred along the Big Sioux River and its tributaries where damage was estimated at \$10.4 million. Overall flood damage was estimated at \$19 million in the 3 river basins. The major portion of the damage was to roads and bridges. Numerous state, county and township roads were washed out. A few bridges were washed out and many approaches to bridges were washed out also. Some communities were isolated for several days and travel was difficult in other areas due to many detours. The extensive flooding caused an undetermined amount of damage to farm land. There will be a considerable delay in determining this damage. Flood damage to populated areas was mostly to thinly populated areas. An
South Dakota (continued)									
									exception to this was in Aberdeen and Watertown. Aberdeen received the greatest flood damage of any populated area. The damage was caused by flooding of Moccasin Creek. Extensive preventive measures were used to decrease the damage to heavily populated areas. These measures were taken after responsible officials were alerted to the flood potential well in advance. Numerous farmsteads and a number of small towns suffered extensive flood damage. Minor flooding occurred during first week of April in the Big Sioux River Basin and significant flooding started the first part of the second week of the month and continued through the last part of the third week. The start of significant flooding in the James River Basin was later than that of the Big Sioux but flooding continued through the end of the month.
De Smet	25				0	0	4	0	Lightning
									A Lutheran Church was struck by lightning and severely damaged.
Western Areas	25-27				0	0	5	0	Heavy snow, strong winds with near blizzard conditions
									Heavy snow of 2 to 3 feet fell in the northern Black Hills with 3 to 8 inches reported in lower elevations of the west. Winds of over 50 MPH accompanied the snow. The strong winds caused extensive damage to utility lines. Widespread livestock loss occurred due to the storm.
Tennessee	9				0	0	5	4	Rain
Northwest Tennessee									Heavy rain caused local flooding over a wide area of the north-western corner of the State. Precipitation totals of 3 to 4 inches were reported for most of the four-county area along the Tennessee-Kentucky border. Homes were flooded and some families evacuated in and around Rigley and Tiptonville. Bare fields and young crops were damaged in these and other counties, and roads, streets and some highways were closed because of high water and washouts.
Memphis, Shelby County	9	1:30 p.m.							Rain, wind
									Thunderstorms moved northeast. Airport reported wind gusts to 35 mph. Heavy rain caused local flooding in low areas. Rainfall rate at the height of the storm likely in excess of 1 inch per hour. Storm total was 2 3/4 inches.
Knorrville, Knox County	18	11:45 a.m.			0	1	4	0	Wind
									High wind broke trees, damaged roofs and utility lines. Most of damage caused by falling limbs or trees.
Hawkins County	18	p.m.			0	0	?	0	Wind
									High winds damaged trees and powerlines.
Hamblen County	18	p.m.			0	1	4	0	Wind
									Mobile home overturned by gusty winds.
Northeast Tennessee	18	p.m.			0	0	3 ⁰	0	Hail
									Hailstones fell in a number of areas but were mostly concentrated in the Johnson City area. Damage was mostly light.
Nashville, Davidson County	21	9:35 p.m.			0	0	0	0	Hail
									A fast-moving squall line through the area produced hail up to 3/4 inch size just to the southwest of the City. No damage was reported.
Texas	4	Morning	?	?	0	1	?	?	Windstorm
Near Perryton, Ochiltree County									High winds estimated at between 40 and 50 miles per hour toppled an oil derrick two miles north and 10 miles west of Perryton and critically injured Melvin Moore, a 42-year-old oil field worker. Moore was working atop the 60 foot tall structure.
Near Mount Enterprise, Rusk County	4	10:30 a							Funnel aloft
									Funnel cloud moved from southwest toward the northeast.
2E Caldwell, Burleson County	4	Morning	10	2	0	0	3	?	Tornado
									A tornado damaged or destroyed several barns and other farm properties along a 10 mile path beginning about two miles east of Caldwell. The tornado first touched ground on the John Hejl farm on FM 166, and then traveled eastward about a mile and damaged property at the Bohus Hyvl farm in the New Labor community. At the Hejl place a comparatively new barn-cattle feeder, about 28 by 40 feet was completely demolished while an older building adjoining the new structure remained undamaged. Parts of the demolished barn sailed 100 to 500 yards into a pasture where a large tree was stripped and its top twisted completely off. Property damage was estimated at \$1500. The storm moved from west to east.
Laredo, Webb County	9	7:00 p-8:00 p	?	?	0	0	2	0	Hailstorm
									A hailstorm caused minor damage to property in downtown Laredo. Some neon signs were broken by the hail, which averaged 3/8 inch in diameter. Largest hailstones were one inch in diameter.

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APRIL 1969

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					KILLED	INURED	PROPERTY	CROPS		
Texas (continued) Wink, Winkler County	10	10:30 p 11:10 p	?	?	0	0	0	0	0	Hailstorm
										Hail up to 3/4 inch in diameter fell at Wink, and in portions of Winkler County. Average diameter of hailstones was 1/2 inch in diameter. No damage was reported.
Loving County	10	8:35 p	?	?	0	0	0	0	0	Tornado
										A tornado was reported by the public in the northeast corner of Loving County, Texas, about 15 miles southwest of Jal, New Mexico. There was no known damage or personal injuries in Texas. Later in the evening the tornado struck Jal, New Mexico, and caused minor property damage. Two persons at Jal were injured by flying glass.
Andrews and Ector Counties	10	10:00 p - midnight	25	?	0	0	5	0	0	Hailstorm, tornado
										A hailstorm cut about a 25 mile swath across the southern and western portions of Andrews County, beginning about five miles south of Andrews and extending southward to Odessa in Ector County. Property damage was estimated at \$75,000. Hailstones averaged 1/4 inch in diameter with largest stones 3/4 inch in diameter. This was probably a part of the same storm system that caused extensive hail and wind damage in Odessa during the early morning hours of the 11th. A tornado was reported accompanying the hailstorm but it did not cause any known damage.
17 S Midland, Midland County	10	7:30 p 7:40 p	?	?	0	0	?	?	?	Hailstorm
										Hailstones up to 1 3/4 inches in diameter were reported 17 miles south of Midland. There was no known damage.
5 SSW Victoria, Victoria County	11	5:10 a - 5:20 a	1	50	0	0	2	0	0	Tornado
										A small tornado unroofed an old barn and uprooted several trees on the Lower Mission Valley Road about five miles south-southwest of Victoria. Total damage was estimated at \$150.
5 NW Orangefield, Orange County	11	11:40 a								Funnel aloft
										Observed near Interstate 10 between Beaumont and Orange, in central Orange County.
5 SE Kenedy, Karnes County	11	8:30 a - 8:40 a	?	?	0	0	0	?	?	Hailstorm
										Hail, averaging 1/2 inch in diameter, caused some damage to flax about five miles east and southeast of Kenedy. The amount of damage was thought to be slight. Largest hailstones that fell during the storm were one inch in diameter.
Odessa, Ector County	11	1:40 a	?	?	0	0	5	0	0	Hailstorm, high winds
										Hail and high winds slashed through the western edge of Odessa and smashed windows, overturned a mobile home, demolished a drive-in theater screen, and caused considerable damage to roofs. Total property damage was estimated at \$300,000. No one was injured directly by the storm. Winds were estimated at 75 miles per hour and hail covered the ground to a depth of three to four inches in places. Plate glass windows, signs, trees, mobile homes, and roofs caught the brunt of the storm. An estimated 30 power lines were knocked down. A truck was reported overturned two miles west of Odessa at 1:40 a.m., supposedly by the wind.
3 W Beeville, Bee County	11	10:00 a								Funnel aloft
Meyersville-Arneckville community, DeWitt County	11	8:15 a - 8:17 a	1	?	0	0	3	0	0	Tornado
										A tornado skipped along a one mile path near the Meyersville-Arneckville community about 10 miles south-southeast of Ozero. One barn was blown down. Total storm damage was estimated at \$1100.
Matagorda County	11	10:10 a - 10:50 a	2	67	0	12	6	0	0	Three tornadoes, funnels aloft
										Three tornadoes struck Matagorda County, all within about 40 minutes. The most destructive storm hit the Caney Creek Estates about six miles south of Sargent. The tornado destroyed or heavily damaged 178 house trailers and summer homes on either side of Caney Creek and tossed 10 of them into the water. Twelve persons were injured, but only three were injured seriously enough to be hospitalized. Eyewitnesses described the tornado as a huge dark cloud with several small funnels associated with it. The tornado created a tremendous roaring noise and traveled from west-southwest to east-northeast along a path two miles long. Property damage was estimated at \$500,000. Luckily, most occupants were gone from the resort community when the tornado struck. A second tornado touched down at Wadsworth, 10 miles south of Bay City, and a third hit an uninhabited area seven miles south of Bay City. There was no major damage from either of these tornadoes, however.
Near Beeville, Bee County	12	6:25 a								Funnel aloft.
										Funnel cloud moved toward the northeast.
Texas (continued) Laredo, Webb County	12	2:30 a	4	*2	0	0	5	0	0	Hailstorm, heavy rain
										A hailstorm caused an estimated \$150,000 damage to roofs, window panes, automobile windshields, and automobile bodies in Laredo. Heaviest damage was in the northwestern part of the city. Hailstones averaged about 3/4 inch in diameter, but largest stones were three inches in diameter. A total of 2.79 inches of rain fell during the storm which resulted in minor flooding of streets.
Near Bay City, Matagorda County	12	8:00 a								Several funnels aloft
Bluntzer, Nueces County	12	8:25 a								Funnel aloft
6 SW Hutto, Williamson County	12	5:30 p								Funnel aloft
Bryan-College Station, Brazos County	12	12:30 a - 3:10 p	?	?	0	0	4	0	0	Flooding
										Heavy rains, totalling 5.17 inches within a 15 hour period, flooded portions of the Bryan-College Station urban area and caused \$11,000 water damage to the Monaco Apartments. Twelve apartment units had about four inches of water inside. One Bryan home was reported flooded in all the rooms. The rainfall total of 5.17 inches was measured at Eastwood Airport.
Victoria, Victoria County	12	5:00 a - 5:30 a	?	?	0	0	?	?	?	Hail and windstorm, flooding
										Hail and 60 miles per hour winds struck the southern portion of Victoria and damaged roofs, television antennae, and trees. A utility pole was blown down at the Ok-Go Service Station, 302 E. North Street, and a large sign was blown down at Wayne's Steak-house on the Coliad Highway. A total of 8.97 inches of rain fell within 48 hours on the 11th and 12th which caused flooding of the Guadalupe River. Hailstones that fell during the storm averaged one inch in diameter, but the largest stones were 2 3/4 inches in diameter.
Del Rio, Val Verde County	12	12:25 a	?	?	0	0	0	0	0	Hailstorm
										Hail, averaging 3/4 inch in diameter, fell in Del Rio and parts of Val Verde County; however, no damage was reported. Largest stones were one inch in diameter.
10 N Beaumont, Jefferson County	13	11:40 a								Funnel aloft
Lake Texoma, Grayson County	15	Morning			2	0	0	0	0	Lightning
										Two men were killed when struck by lightning while fishing from a boat in Lake Texoma. A third man in the boat was thrown out into the lake, but survived.
Benbrook, Tarrant County	16	8:45 p - 9:45 p	?	?	0	0	4	0	0	Wind and Hailstorm
										High thunderstorm winds ripped off the south end of a large metal barn at the Benbrook Stables, Inc., near Lake Benbrook. Damage to the barn was estimated at \$20,000. Also at Benbrook, windows were blown out of a grocery store and cleaners at Benbrook Highway. On U. S. Highway 30W, a large sign near the Tarrant County line was toppled by high winds. At the American Manufacturing Company, 3300 North Sylvan, in Fort Worth, the top third of the west end of a large warehouse-type building was blown in and two sheet metal doors were blown out. About one-quarter mile farther north four 60-foot trailer houses were toppled and rolled by the wind. Small hail accompanied the storm.
Wheeler County	16	30	*4		0	0	?	0	0	Hailstorm
										Two hailstorms, one in the morning, the other in the afternoon, caused minor property damage in Wheeler County. A few roofs in Allison were damaged. Hailstones averaged 3/4 inch in diameter; largest stones were two inches in diameter. There was no known damage to crops.
Maverick County	17	1:00 a	?	?	0	0	3	0	0	Tornado, hailstorm
										A small tornado unroofed feedlot shades and the scale house at the P. H. Coates Ranch about 20 miles south of Brackettville. At the Slater Ranch the tornado picked up a rain tank and dumped it about one-half mile away. Hail damaged the roof and broke out window panes at the Coates ranch home.
Parker County	17	7:00 p - 11:00 p	?	?	0	0	?	0	0	Hailstorm, high winds
										Hail fell in central Parker County from Millsap, near the western county line to Aledo in the eastern part. Hailstones up to 1 3/4 inches in diameter were reported at Millsap, but no damage was reported. Hailstones one inch in diameter fell at Weatherford, but damage was thought to be slight. In Aledo, roofs suffered extensively and some window panes were broken by the hail. A few power line poles were blown down by high winds. Automobiles suffered

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

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)									
Dallas, Dallas County	17	Morning			0	0	5	0	Lightning
<p>some damage from hail. Extensive hail damage to roofs in Annetta was reported also.</p> <p>Fire thought to be caused by lightning severely damaged a two-story building housing the Oak Cliff Pharmacy at 101 N. Lancaster, in the Oak Cliff section of Dallas. The fire started before 3:00 a.m. Damage was estimated at \$75,000.</p>									
Near Seminole, Gaines County	19	5:00 p-6:20 p	?	50	0	0	3	0	Two tornadoes
<p>Two tornadoes struck in open country near Seminole, but caused little damage. The first funnel formed east of Seminole about 5:00 p.m. It formed just south of U. S. Highway 180 and moved northward. This funnel and another tornado were observed northeast of Seminole at 5:40 p.m. Witnesses watched the two tornadoes for about 30 to 40 minutes. They were estimated to be about five miles apart. One of the tornadoes struck and demolished a vacant house about six miles northeast of Seminole. The path of this tornado was approximately 50 yards wide. Trees surrounding the house were stripped of their branches and limbs. A nearby pen full of hogs, sheltered somewhat by a high dirt bank, were unharmed.</p>									
Collingsworth County	25	6:30 p-10:30 p	?	?	0	0	?	?	Hailstorm
<p>Two severe hailstorms that came a short time apart struck large portions of Collingsworth County. The hail started in the southwest corner of the county, traveled northeast, became heavy in the Salt Fork community and continued to gather intensity in the Lutie and Aberdeen areas north of Wellington, then tapered off in the ranchland along Elm Creek. Most of the hailstones were small but stones 1 3/4 inches in diameter were reported throughout the storms. The first storm began southwest of Wellington about 6:30 p.m., and the second, and more severe storm, began around Salt Fork about 7:45 p.m. Hailstones were four to five inches deep for considerable distances along U. S. Highway 83, and snow plows were used to clear the highway. The hail washed to depths up to three feet in drifts. Some wheat left for harvest was destroyed. Fruit trees were stripped. West of Lutie, Billy Waters picked up "hailstones as large as oranges". Almost all rural property in the path of the storm suffered some damage.</p>									
Tuscola, Taylor County	26	2:30 a-3:30 a	12	*5	0	0	5	5	Hailstorm
<p>A severe hailstorm caused extensive damage to property in Tuscola and to wheat in the surrounding area. Few homes in Tuscola were left undamaged. The Tuscola High School and churches suffered heavily. Hailstones averaged one to one and one half inches in diameter. Largest hailstones were three to four inches in diameter. At the home of Edgar Brown 2 1/2 miles west of Tuscola, 20 windows were broken by the hail. One Tuscola farmer reported the hail broke the back of one of his cows, paralyzing it. Several cars were reported to have received heavy dents from the hail. Property damage was estimated at \$100,000. Damage to crops, mostly wheat, was estimated at an additional \$100,000.</p>									
Big Spring, Howard County	26	5:00 p-5:10 p	1 1/2	*1	0	0	?	0	Hailstorm
<p>Small hail caused minor damage to property in the south edge of Big Spring. Hailstones averaged 1/2 inch in diameter; largest stones were one inch in diameter.</p>									
Chambers County	27	1:30 p							Funnel aloft
1 NW Plano, Collin County	27	5:10 a-	15	200	0	45	5	3	Tornado
<p>A tornado struck the Villa Casita Mobile Home Park about one mile northwest of Plano, requiring hospitalization of 42 persons of which about 14 were hurt seriously. Out of a total of 72 homes in the park, 30 were completely destroyed. Many of the remaining homes received major damage. The tornado moved east-northeastward through the Lucas community, Stone Camp on Lake Lavon, where minor damage occurred, and to Culleoka, south of Princeton, where it struck the Shamrock Trailer Park, injuring three persons. Total property damage was estimated at \$500,000. At the Villa Casita all of the major damage was confined to the northern half of the park. One resident, Mr. A. O. Pratt, described the sound of the tornado as that of a dozen jet airplanes taking off. Most residents were asleep in their trailer homes when the tornado struck. John Feltus and his wife were inside their trailer when it was hurled through the air about 30 feet and was then "squashed open like an egg" when it landed on its roof. Entire walls of trailer homes were blown out leaving furniture and dishes unharmed. The rear windows of two automobiles were completely shattered and blown out while the remainder of the car was not scratched. After leaving Villa Casita Mobile Home Park, the tornado moved east-northeasterly across U. S. Highway 75 and State Highway 5 leaving Village North Homes with considerable damage. The tornado took a swath down the back of the houses demolishing stockade fences, damaging patios, blowing out windows, and ripping off shingles. Six persons were injured at a trailer park just east of Murphy Road when their mobile home was damaged. (These six are included in the total of 45 injured by the storm.)</p>									
4 W Campbell, Hunt County	27	4:50 a	Short Narrow		0	0	3	0	Tornado
<p>A tornado struck in the rural area about four miles west of Campbell in east-central Hunt County. The tornado demolished several barns and uprooted three giant oak trees, two of which fell on automobiles on the Herbert King farm. Mrs. T. H. King watched the funnel as it ripped across the farmland.</p>									
Texas (continued)									
Greenville and Hunt County	27	4:45 a-5:15 a	25	*10	0	0	6	0	Windstorm, rain
<p>Thunderstorm winds measured at 70 miles per hour caused heavy property damage in Greenville and the surrounding area. The most serious damage in Greenville was reported at Grady Chevrolet Company, 1809 Wesley Street, where a portion of the body and paint shop was lifted off and dashed to the ground nearly a block away. Windows were blown out in several homes and businesses. Television antennas and trees suffered heavily, as did signs. At Floyd, the Larry Johnsons house trailer was blown over on its side and moved 15 feet. Mr. and Mrs. Johnson were inside but escaped uninjured. Near Merit, the Charles Willaby home was blown about 10 feet off its foundation. Some houses suffered roof damage. Property damage in the area of Hunt County from about Farmersville (Collin County) eastward to Campbell was estimated at \$100,000, due to wind. Rain caused an additional \$5,000 damage.</p>									
5 N Detroit, Red River County	27	6:00 a	2	440	0	0	4	0	Tornado, funnels aloft, windstorm
<p>A tornado cut a swath two miles long and about 140 yards wide across the Four Duces Ranch, about five miles north of Detroit. A 120 by 120 foot hay barn was demolished completely, but 10,000 bales of hay in the structure were not ruffled. Foundation posts buried four feet were plucked out of the ground. Two other barns were heavily damaged. Flying debris knocked over fences and power lines. Trees were uprooted along the two mile path. Damage on the Four Duces Ranch was estimated at \$20,000. Several residents in the area of Lamar County north of Blossom reported several funnels, but it is not known if any of these touched ground. Only one home, about six miles north of Blossom, sustained heavy damage when a tree fell across it. The occupants, three children of the Glen McKeegan family, escaped unhurt.</p>									
Lake Striker, Rusk County	27	10:15 a	Short Narrow		0	0	2	0	Tornado
<p>A small tornado touched down on Lake Striker on the Rusk-Cherokee county line about 20 miles southwest of Henderson. The tornado lifted, then touched down again, apparently on the east shore, and caused minor damage to a marina and to boats tied up at the marina.</p>									
10 1/2 NE Fort Worth, Tarrant County	27	5:00 a	?	100	0	0	5	0	Tornado
<p>What was apparently a tornado cut a swath 300 to 400 feet wide across Mangham Airport, 10 1/2 miles northeast of downtown Fort Worth. The tornado severely damaged seven planes, only one of which was repairable according to J. H. Mangham, airport owner. Rows of aircraft on either side of the seven planes were not damaged.</p>									
Utah									
Grand and Northern San Juan counties	6	Afternoon and eve			0	0	4	0	Damaging winds
<p>Strong damaging winds estimated at 50 to 60 miles per hour overturned a large house trailer near Moab breaking windows and furniture but the family was not seriously injured. In addition, the wind storm damaged a plane and blew off hangar doors at the Canyonlands Airport and tore the roof off from an automobile reconditioning building. The wind also blew over a pole carrying 69,000 volts leaving Moab without electricity for a time.</p>									
Gunnison Valley	22	2:45 p.			0	0	3	0	Damaging winds
<p>Damaging winds lasting about 15 to 20 minutes stripped the roof off a shed and blew down the cinderblock walls, blew over a machine shed, destroyed a chicken coop and damaged a few signs and trees. Damage was spotty but no circulation was in evidence.</p>									
Vermont									
Central and south	19-23				0	0	4	0	Rain
<p>Heavy rain combined with snowmelt to cause flash flooding of small streams and local landslides and washouts.</p>									
Virgin Islands					0	0	4	0	Rain, wind, lightning
<p>Generally heavy rain, variable locally to over 3 inches. Local washing and flooding. Scattered wind and lightning damage.</p>									
Virgin Islands									
Virginia Eastern Half	19	P.M.							Hail, Rain, Lightning
<p>Heavy hail was reported in Richmond and Northumberland Counties ruining some crops and damaging others. Several inches accumulation on the ground was noted. Hail nearly one inch in diameter was reported in northern sections of the city of Richmond. Up to 700 electric users were without power for various times. Street flooding and sewers backing up were reported during heavy periods of rain. An apartment complex was set on fire by lightning with damage mainly to the attic.</p>									
Washington									
									None reported

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1969

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					KILLED	INURED	PROPERTY	CROPS	
West Virginia St. Albans (suburb of Charleston)	18	1:30 p.m. ?			0	1	4	0	Tornado and Wind-storm
		A new \$9000, 65-foot long trailer was disintegrated and several other trailers toppled over as a minor tornado hit this suburb of Charleston. The tornado was associated with a violent squall-line thunderstorm which uprooted trees and also blew over a supermarket sign embedded in cinder blocks, damaging several cars. Wind gusts up to 80 mph were recorded in the St. Albans area and 60 mph gusts at the Charleston Weather Bureau. Roofs were ripped off of several houses, plate glass windows of businesses were smashed, and power and telephone service was disrupted. A roof was blown off of a barn near the town of Tornado, on the Coal River near Charleston. Hailstones of golf-ball size were reported by the public. A high school girl was buried on the leg when brushed by a falling power line.							
Ripley, Jackson County	18	2 p.m.			0	0	3	0	Windstorm
		Widespread but generally minor damage was reported in both Jackson and adjoining Boone Counties.							
Grantsville, Calhoun County	18	2 p.m.			0	0	3	0	Windstorm
		A roof was blown off of a house and the wallboard and living room furniture was damaged by rain.							
New Martinsville, Wetzel County	18	2 p.m.			0	0	3	0	Windstorm
		A roof was blown off of a residential building.							
Sistersville, Tyler County	18	2 p.m.			0	0	3	0	Rainstorm
		Heavy rains that lasted for an hour flooded basements and caused the smaller creeks to overflow, pouring mud and all kinds of debris onto streets and into the park grounds.							
Wisconsin Clark County	h	6 a			0	1	0	0	Lightning
		A rural Granton farmer injured when struck by lightning while collecting maple syrup sap.							
Southwestern Counties	h	a			0	0	4	0	Lightning
		Several minor fires and damage to appliances from lightning. Three cows killed on Perryville farm.							
Southeastern Counties	17				0	0	4	0	Rain, wind
		Heavy downpours of 3 to 5 inches caused minor flash flooding in the western Milwaukee suburbs of Brookfield and Wauwatosa. Scattered wind damage and power failures occurred elsewhere in Waukesha county.							
State	21	p			0	0	4	0	Wind
		Strong instability showers imbedded in a cold dry northwesterly flow caused scattered wind damage around state. Winds gusted at 90 MPH at Stevens Point early in the afternoon. Small hail accompanied the showers.							
Western Counties	15-30				0	0	6	0	Flooding
		Snow melt of the extensive snow cover in northwestern Wisconsin and melt water from Minnesota created extensive flooding along the main stem of the Mississippi and the St. Croix Rivers. Generally no flooding along the other rivers and streams in state. Advance planning helped restrict damage to \$1,000,000.							
Wyoming Northeast Wyoming	24-27	Evening of 24 th - Afternoon of 27 th			0	0	7	0	Snowstorm
		Heavy wet snow with strong winds, occasionally reaching 60 knots did about 5 1/2 million dollars damage over much of northeast Wyoming. Losses of sheep were especially heavy as shearing and lambing were well underway. Lighter losses were incurred in the cattle industry. Forests were damaged as well as utility lines, and roads were blocked, with numerous accidents due to low visibility.							

^o 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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