

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B. TROWBRIDGE, Acting Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

APRIL 1967

Volume 9 No. 4



ASHEVILLE: 1967

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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		
ALABAMA										
Madison County	23	6:50 p.m.			0	0	4	3	Hail, wind	
Hail, 1" to 1 3/4" in diameter, fell at Hazel Green, Owen Crossroads. At Madison Crossroads hail was 2" deep and high winds uprooted trees. 75% of damage due to hail and 25% to winds.										
DeKalb County, Fort Payne	23	7:20 p.m.					4	3	Hail	
Golf ball size hail covered ground.										
Morgan County, Hartselle	24	12:30 a.m.							Funnel	
Funnel cloud observed by Sheriff about 5 miles southwest of Hartselle.										
Morgan County	24	Early morning			0	0	4	0	Wind	
Scattered damage to outbuildings, utility lines and trees uprooted. At Lacey Springs a house was unroofed.										
Cullman County, Cullman	25-26	Night			0	0	4	0	Rain	
Rainfall of 4 inches in a few hours caused local flooding. Several homes flooded.										
Morgan County, Falkville	26	11:30a-12:00p.m.			0	0	4	0	Wind	
Several houses unroofed and several carports damaged.										
Tuscaloosa County	26	5:00-6:00 p.m.			0	0	4	0	Wind, hail	
Scattered damage from wind and very little damage from 1/2 to 3/4 inch hail. At Cottondale several houses, 2 house trailers and power lines were damaged.										
Chilton County, Sardis Community	26	6:45 p.m.			0	0	4	0	Wind	
High wind demolished house trailer, partially unroofed one house and uprooted trees.										
Barbour County, Clayton	26	8:55 p.m.					2	0	Hail	
Golf ball size hail fell briefly.										
ALASKA										
None reported										
ARIZONA										
None reported										
ARKANSAS										
Nashville area - Howard County	15	9:30 a. to 9:40 a.	1/2	100	0	4	4	3	Tornado	
Wind damage first occurred in Mineral Springs, 6 mi. SW of Nashville, where 3 persons were injured. Storm moved NE with tornado dipping down in south part of city. Heavy damage but no general destruction was reported on the path. Some wind damage also reported in south Howard County at about the same time.										
Crossett - Ashley County	15	3:30 p.	2	100	0	0	6	4	Tornado	
Tornado moving NE out path through southern and eastern parts of city. Destruction covered all or parts of about 20 city blocks. Forest Service later reported 4 tornadoes out paths through large timber of Georgia-Pacific Corp. west through southeast of Crossett with one of these hitting the city. Several other wind storms also occurred in counties in southeast Arkansas out of this same area of thunderstorms. They occurred between 3:00 P.M. and 6:00 P.M. with only minor damage. The only exception was at Banks in Bradley County where winds did about \$60,000 damage to 12-15 houses.										
Paragould - Greene County	15	6:35 p. to 6:45 p.	2	100	0	1	6	0	Tornado	
Strong winds first occurred at Cash in Craighead County 25 miles SW of Paragould at about 6:00 P.M. Tornado moved NE across Paragould. Funnel cloud seen by several people and described as on the ground and jumping.										
Near Stuttgart - Arkansas County	15	4:15 p. to 5:00 p.	10-12		0	0	4	7	Wind and hail	
Storm occurred from Stuttgart Municipal Airport eastward to County line. Wind to 85 mph recorded at Airport; and, hail up to 1-1/2 inches in diameter occurred eastward from the Airport.										
Alma, Mulberry areas - Crawford County	16	11:00 p.	3	1800	0	0	7	5	Hail and wind	
Hail was main cause of damage to peach and strawberry crop.										
Southwest quarter of state	22	6:00 p. to 9:00 p.			0	0	5	5	Wind and hail	
Thunderstorms moving eastward caused widespread wind and hail damage extending from Miller, Little River and Sevier Counties in southwestern Arkansas eastward and northeastward as far as Saline County in central Arkansas and Bradley County in south-central Arkansas. Many of these storms caused no damage or minor damage; but, several were notable due to hail size or damage caused. These were: 20 mi. NNE of Texarkana, Miller County, 8:15 P.M., 1-1/2 inch hail and wind gusts to 60 mph; Ben Lomond, Sevier County, 6:00 P.M., baseball-size hail, path - 1 mile wide and 7 miles long, property damage \$31,000 and crop damage \$86,000; Lumburg, Nevada County, 7:00 P.M., hail 1 to 2 inches in diameter, path 2 miles wide and 24 miles long, property damage \$82,600 and prop damage \$14,000; 10 miles south of Benton, Saline County, straight wind. Also there was a report of a										
ARKANSAS (Cont'd)										
Cash, Craighead County	23	6:55 p.							Funnel aloft	
Des Arc area - Prairie County	23	7:00 p. to 7:30 p.			0	0	3	0	Funnels and wind	
Four funnels reported in this same general area. One was 8 miles north of Bisope, wind damage to one house, path 15 miles long and 500 yards wide, mostly in marshy area; another 8 miles south of Des Arc, wind damage to one house, path 1/4 mile long and 50 yards wide; other funnels reported 4 miles west of Des Arc and 7 miles north of Des Arc with no damage. All were moving east or southeast.										
Northwest corner of Arkansas	25	Afternoon			0	0	5	5	Hail	
Widespread hail reported in northwestern counties. Movement was northeasterly. Near Springdale in Washington County, hail 2-1/2 to 3-1/2 inches in diameter, property damage \$10,000 crop damage \$50,000; Fort Smith and Van Buren in Crawford County, large hail caused damage to roofs and cars, property damage \$200,000; Alabam Forum area in Madison County, baseball-size hail with some damage to roofs and cars; Gravette in Benton County, hail 1-1/2 inch in diameter with minor damage.										
Southwest Arkansas	26	Afternoon			0	0	3	0	Funnels	
Four funnels reported but only damage reports were minor and due to straight winds. 17 miles east of Texarkana, Miller County, 3:00 P.M., path 1/2 mile long and 700 yards wide, property damage \$3,000; in north Texarkana, minor damage to one house; near Ashdown in Little River County, minor damage; 5 miles east of Arkadelphia in Clark County, no damage.										
Prescott - Nevada County	25	6:00 p.	3/4	900	0	0	4	5	Hail	
Hail 2 inches in diameter.										
South Pulaski County	30	7:30 p. to 8:00 p.							Funnel aloft	
Funnel moved eastward across Woodson and Sweet Home.										
Crawford County	30	4:00 p.	3	400	0	0	4	3	Hail	
North of Mulberry, hail 1-1/2 inch in diameter.										
CALIFORNIA										
Santa Catalina 20 ENE	2	5:30-5:38 am							Waterspout	
Waterspout reported by pilot.										
Chowchilla	7	10:20 am							Funnel clouds	
Pilot reported three funnel clouds.										
Bakersfield 12 W	7	4:15 p.m.							Funnel cloud	
Pilot reported thunderstorm with funnel cloud.										
Los Angeles	16	5:30 and 5:47 p.m.			0	0	3	0	Waterspouts (Tornado)	
Two waterspouts observed. One moved inland over Santa Monica, damaging a residence and power lines.										
Fresno and Madera Counties	18	Afternoon					0	6	Hail and wind	
Heavy hail and strong wind over wide area destroyed grape and plum crops.										
Orinda	16	Afternoon					4	0	Lightning	
Lightning struck two homes, causing extensive damage to one.										
Fairfield	19	11:08 a.m.							Funnel cloud	
Madera 5 SW	21	5:30 p.m. ** 250			50	0	0	3	0	Tornado
Funnel cloud observed from 5:00 to 5:30 p.m. Cloud touched ground 5:30 to 5:40 damaging small buildings. Storm moved from southwest to northeast.										
Tracy	22	6:02 p.m.							Funnel cloud	
Pilot reported sighting funnel cloud.										
Merced 20 SW	22	6:15 p.m.							Tornado	
Pilot reported sighting tornado.										
Fresno 40 W	22	6:55 p.m.							Tornado	
Pilot reported sighting tornado moving toward south.										
Fresno	23	6:00 p.m.							Funnel cloud	

See reference notes at end of table.

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COLORADO									
Eastern Slope	13	Most of day			2	2	4	0	Snow
A late season snowstorm affected areas along the eastern mountain slopes and adjacent plains from Denver southward to the state border. Snowfall between two and three feet closed the highway between Denver and Colorado Springs, and roads and schools were closed in several areas. High winds caused heavy drifting in some areas. Heavy wet snow damaged buildings and caused power failures in the Colorado Springs area. A woman died of exposure while walking through deep snow after a truck in which she was riding stalled near Monument. A man working on an experimental weather project near Climax was killed and two others were injured in a snow-cat accident caused by stormy conditions.									
Pueblo	13	Afternoon					4	0	Lightning
Twenty-one yearlings bunched along a wire fence during a rain-storm on a ranch west of Pueblo were killed by lightning.									
Most of State	20-30						0	5	Freezing Temperatures
Near-record low temperatures damaged fruit crops in lower western valleys, and caused scattered damage to emerging crops on the eastern plains.									
CONNECTICUT									
DELAWARE									
Sussex County	24				0	0	0	0	Duststorm
Strong gusty winds lifted clouds of top soil off newly ploughed fields and created traffic problems especially on major highways. Sun was obscured at times. Otherwise, wind damage was minor.									
FLORIDA									
Lake City Columbia County	24	6:20p.							Hail
Hail one inch in diameter and wind 40 to 50 m.p.h. reported by Lake City tower.									
GEORGIA									
Doctortown, Wayne County	22	4:30 p			0	0	?	?	Hail
Heavy hail, the size of golf balls, fell for 30 minutes.									
Troup County, 10 SE La Grange	23	2:00 p	3	25	0	0	3	0	Tornado
One residence unroofed, dairy barn demolished and numerous trees uprooted or broken off.									
Savannah	23	3:15 p			0	0	5	0	Hail and Wind
Hail, ranging in size from 1/4 to 1 1/2" in diameter, fell over large areas of the city causing extensive damage to greenhouse, automobiles and other property. Roofs were damaged and trees uprooted by strong winds.									
Savannah	23	3:30 p							Funnel Cloud
Eleckley County 8 WSW of Cochran	23	4:00 p	Short	Narrow	0	0	?	?	Tornado and Hail
Uprooted trees, blew down TV antennas and destroyed a barn. Some large hail reported.									
Eleckley County 7 NE of Cochran	23	4:00 p	Short	Narrow	0	0	?	?	Tornado and Hail
Trees uprooted and outbuildings demolished.									
Atlanta, 20 NNE	23	10:15 p					?	?	Hail
Largest stones 1 1/2" in diameter.									
Greensboro	24	1:00 a					?	?	Hail
Golf ball size hail reported.									
Athens, 8 N	24	1:15 a					3	0	Hail
Hail 3/4 to 1" in diameter. Small stones fell in City.									
Augusta, 25 NW	24	2:20 a					?	?	Hail
Some stones up to 2" in diameter.									
HAWAII									
Hilo, Hawaii	3	12:22 p.- 12:42 p.			0	0	0	0	Funnel Cloud
Funnel cloud 10 miles west southwest station. Cloud bases 1,600 ft. Irregular-shaped cloud, possibly funnel cloud, touched ground with heavy rainshowers in area.									
Hilo, Hawaii	14	12:57 p.			0	0	0	0	Waterspout
Reported by pilot 4 miles east of Hilo. Extended to sea surface from cloud base at 2,400 ft.									
	14	1:22 p.			0	0	0	0	Waterspouts
Two waterspouts reported by pilot; one 4 miles and other 6 miles northeast of Hilo.									
Kahului, Maui	14	3:21 p.- 3:28 p.			0	0	0	0	Funnel Aloft
Funnel aloft 4 to 5 miles north of Kahului extending 500 to 1,000 ft. below cloud base, estimated at 3,700 ft. Direction and speed of movement unknown. Numerous towering cumulus and rain-showers in vicinity. No effect on ocean.									
HAWAII (Cont'd.)									
Mountain View, Hawaii	21	11:45 a.			0	0	0	3	c Thunderstorm, Hail, Rain
Thunderstorm, accompanied by wind, heavy rain and hail, did scattered damage in Mountain View area. Damage reported to utility poles, trees and roofing. Disc-shaped hail up to 5/8-inch in diameter fell for 20 minutes. Puna Sugar page reported 6.40 inches of rain from 11:45 a.m. to 3:05 p.m.									
Maalaea Bay, Maui	22	11:50 a.		Narrow	0	0	3	0	Waterspout
Waterspout reported on Maalaea Bay appears to have moved onshore, partially unroofing two houses in Maialoa. Witness reported noise "like an explosion" and reported debris rotating above a house "like a tornado". Funnel moved north ripping roofing from a second house. Heavy rain followed.									
IDAHO									None reported
ILLINOIS									
Cook County	14	2:10p			0	0	3	0	Funnel clids, hail
Public reported funnel clouds south and east of ORD with possible tornado twisting one end of factory roof. Hail 1 3/4" in northwest Chicago about 2:20p.									
Cook County	16	7a-11a					0	0	Funnels, rain,hail
Several funnel cloud reports, locally heavy rain, some hail.									
Boone County	16	11:55a					0	0	Hail
Ground white with 3/4" hail at Belvidere. No damage reported.									
Northern Illinois	21	1p - 9p			1	?	0	7	c Wind, hail, rain
Line of severe thunderstorms moved across northern Illinois and in less than four hours generated at least 16 identifiable tornadoes. Other tornadoes may have touched too briefly for identification or were undetected in rural areas. This is second greatest number of tornadoes reported in one day in Illinois. Damage claims to fixed property totaled \$10,000,000. Damage to automobiles, aircraft and uninsured property will likely increase total to more than \$50 million. One child killed when blown into path of auto and many injured by debris. Hail occasionally as large as baseballs damaged roofs, windows, and autos.									
Sangamon County	21	1:15p -2p			0	0	4	0	Hail, wind
30-mile intermittent hail swath extended from south of Glenarm, through Rochester and Buffalo to Logan Co. line. Golf ball size hail at Rochester and 1 3/4" at Buffalo. Funnel clouds reported at Buffalo. Some wind damage but mostly hail. WBAS, Springfield.									
Rockford vicinity	21	3:19-3:4p			0	0	?	?	Hail, wind
Hail increased to 1 1/2" during 15 minute period at Rockford airport. Several aircraft heavily damaged. Wind gusted to 81 mph at 4:15p. Larger hail elsewhere in county broke windows and damaged roofs and autos. This damage included in general storm estimate.									
Moline	21	3:23p					0	0	Hail
Hail 1" at Moline. No damage reported.									
Whiteside County	21	3:30p	1/2	30	0	0	3	0	Tornado
Family saw funnel approach from southwest and went to basement. Dugged into field across road and passed between house and barn. 90' feeding shed destroyed minutes after 150 cattle departed.									
Rock Island & Henry Counties	21	3:35p - 3:50p	25	30-300	0	0	5	0	Tornado
Funnel clouds observed at 3:02p at Edginton with several sightings before first touchdown at 3:35p when twin radio transmitter towers toppled about five miles north of Orion. Intermittent touchdowns along 25 mile path at 60 mph via Geneseo and three miles south of Hoopole to east edge of Henry Co. Three semi-trailers blown over on I-80, numerous trees uprooted, farm buildings destroyed, and livestock killed. Wind damage both sides tornado path. WBAS, MLI.									
Henry County	21	3:50p	5	50-300	0	0	4	0	Tornado
Second tornado formed three miles further north and traveled in simultaneous parallel paths with one above. This path evaded from three miles west of Hoopole along south edge of town to county line. Farm buildings destroyed and huge trees uprooted with path definitely marked through wooded areas.									
Boone & McHenry Cos.	21	3:50-4:25p	28	500-1200	24	450	7	0	Tornado, hail
Appears longest and widest continuous path of day, about 4/5 mile wide at time and from two miles southeast of Cherry Valley to two miles north of Woodstock. Numerous reports of multiple funnel sightings were largely substantiated by damage. Path separation at times as much as 400 yards. Almost complete destruction directly in path with major wind damage on either side. Many farm homes completely destroyed in addition to usual outbuilding damage. Woods were stripped with large sound trees uprooted or snapped off. Fortunately only about 5% of path was through an urban area, the southeast corner of Belvidere. Best time checks indicate speed near 50 mph with direction varying from east-northeast to east.									

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					KILLED	INJURED	PROPERTY	CROPS	
ILLINOIS (Cont'd)									
Ogle County	21	abt 4p	1	30	0	0	4	0	Tornado
			Only tornado of day with individualistic direction of movement, almost due north up Rock River channel and put over land four miles south of Oregon. Reported as "sucking water" and "smoke coming up river". Turned somewhat north-northeast after leaving river, damaged several houses and uprooted numerous trees along west ridge of valley.						
Lee County	21	4:02p	6	75	0	0	4	0	Tornado
			Heavy damage to several farms from four miles north-northwest of Ohio to Maytown. Semi-trailer overturned on Ill. 76 as tornado moved east-northeast.						
Lee County	21	4:15p	7	100	0	0	5	0	Tornado
			Path nearly due east from two miles southeast of Amboy through Shaws. Some reports of two funnels and damage indicates this probable. Heavy damage both sides of road east of Shaws. Uprooted trees often best evidence when buildings were scarce.						
Bureau County	21	4:30p	1/2	150	0	0	4	0	Tornado
			Farm buildings destroyed and debris carried northeast into woods where storm was being observed by mushroom pickers. WBAS, PIA.						
Putnam County	21	4:30p	1/4	30	0	1	3	0	Tornado
			One man injured, two trailers overturned, and trees damaged at Hennepin construction site. WBAS, PIA.						
DeKalb County	21	4:40p	2	40	0	0	4	0	Tornado
			Funnel sighted seven miles west-southwest 10 minutes prior to two brief touchdowns two miles apart. Three autos badly damaged on N.I.U. campus with broken trees, some glass and structural damage. School roof lifted and set back with \$50,000 damage one mile south of tornado track with no other damage near. Another intermittent and widely distributed track of damage to farm buildings about eight miles south and at approximate time of tornado described.						
McHenry & Lake Cos.	21	5p	9	50-150	1	100	6	0	Tornado
			Intermittent path via Fox River Grove - Barrington Hills - Lake Zurich Manor. More than 100 homes destroyed and 400 others damaged. Moved ENE to NE. WBAS, O'Hare.						
Kane County	21	5:10p	short	narrow	0	0	5	0	Tornado
			Wall and roof damage at Elgin State Hospital. WBO, Chicago						
DuPage County	21	abt 5:10p	short	narrow	0	0	4	0	Tornado
			Touched briefly at Keeneyville						
DuPage & Cook Cos.	21	abt 5:10p	8	20	0	0	5	0	Tornado
			Intermittent touchdowns through Addison, Franklin Park and Schiller Park. WBO, Chicago						
Cook County	21	5:24-39p	16	100-200	33	500	7	0	Tornado
			Tornado apparently touching ground about 60% of time and otherwise at three top level. Continuously on ground for eight miles at one time. Oak Lawn had greatest damage and most lives lost. Many deaths when autos struck while stopped at traffic light. Travel mostly at 70° heading at slightly more than 60 mph from Palos Hills through Oak Lawn-Hometown-Evergreen Park and south side of Chicago to Lake Michigan. Over 100 homes destroyed, more than 300 damaged, along with high school, business buildings and many autos. Most destructive tornado of day in life and property. WBO, Chicago						
Cook County	21	5:40p	1/4	10	0	0	4	0	Tornado
			Touched near Lincoln and McCormick Aves. and moved NNE through fairly open area. WBFC, Chicago						
Champaign and Vermilion Counties	21	8:50p	short	narrow	0	0	3	0	Tornado
			Funnel cloud identified by radar and followed more than 30 minutes after identification at 8:50p. Only touchdown was on farm in Champaign Co.						
near Peoria	23	1:48p							Funnel clouds
			Pilot reports three funnel clouds 30 SW of PIA.						
McLean County	30	10p							Funnel cloud
			Sheriff reports following funnel cloud from Normal northeast to McLean Co. line. Roaring noise reported but no damage.						
INDIANA									
Western Marion County	1	E.S.T. 2:40 p.							Funnel
Jonesville, Bartholomew County	1	5:05 p.							Funnel
			Funnel cloud moving northeastward sighted by Columbus Police.						
Kentland, 20 miles south, Newton Co.	1	7:25 p.							Funnel cloud
INDIANA (Cont'd)									
Nappanee, SE of South Bend	14	6:25 p.							Funnel
			Public reported funnel cloud 2 miles east of Nappanee moving northeastward.						
Jasper County, NE corner	16	About 11:00 a.							Funnel
			Funnel cloud reported by State Police.						
North Pulaski County, 45 mi. SW South Bend	16	12:00 p.							Funnel
			Heavy thunderstorm moving eastward at 30 miles per hour observed on radar.						
North Judson, 20 miles NW	16	8:20 p.							Funnel
			Sheriff's department sighted funnel cloud 20 miles NW of North Judson.						
Michigan City	17	3:11 a.							Funnel
			City Police reported funnel over southwest part of city.						
Spencer, Owen County	21	5:20 p.	?	?	0	0	2	0	Hail, wind damage
			Cooperative Observer reported some large hail.						
Commiskey, Jennings County and Dupont, Jefferson County	21	6:10 p.-6:35 p.	?	?	0	2	4	0	Tornado
			Two persons injured when house was damaged beyond repair. Another home damaged and several farm buildings were damaged or destroyed. One mobile home demolished.						
Gary	21	6:45 p.	?	?	0	0	2	0	Hail
			Hail one-half inch in diameter fell in area.						
Hannah, 50 miles SW South Bend	21	7:50 p.							Funnel
			Funnel cloud reported moving eastward.						
Mentone, Kosciusko County	21	9:05 p.							Funnel
			Funnel reported by State Police.						
Kendallville, Noble County	21	9:08 p.							Funnel
			Sighting of funnel cloud reported by State Police.						
Warsaw	21	9:10 p.							Funnel
Claypool, 10 miles south of Warsaw	21	9:20 p.							Funnel
Monticello, White County	21	9:27 p.	?	?	0	0	3	0	Tornado
			Tornado moved northeastward and briefly touched down doing slight damage.						
Wolf Lake, 2 1/2 miles west (30 miles NW of Ft. Wayne)	21	9:45 p.							Funnel
			Funnel cloud reported moving northeastward.						
Rushville, Rush County	22	12:30 a.	?	?	0	0	2	0	Tornado
			State Police reported tornado touched down. Some windows blown out and a few trees uprooted.						
IOWA									
Sloan, Woodbury County	1	11:00 p					5		Hailstorm
			Property losses estimated to exceed \$100,000. Hailstones to 2 inches diameter. Storm lasted 10 minutes. Heavy damage to roofs, windows of buildings and automobiles.						
Rake, Winnebago County	2	12:30 a	8	200			5		Tornado
			Seven barns blown down north of Rake, several other buildings damaged. Trees were uprooted. Began 3 1/2 miles west of Rake, moved about 1 mile north of Rake northeastward into Minnesota.						
Dubuque	14	12:30 p					5		Windstorm
			Winds gusted 40 to 70 mph. \$60,000 damage at Dubuque Yacht Basin.						
Lebanon-Keosauqua-Stockport	16	7:00 p	14	500	2	16	6		Tornado
			Began at Lebanon 7:00 p.m., moved through NW Keosauqua at 7:30 p.m. and to south of Stockport at 7:45 p.m. Losses \$750,000. Also scattered hail over the area. Radar tracked cell 30 mph. moving NE then moved E across Henry County.						
Southern Henry County	16	8:00 p					5		Hailstorm
			Hail 2 inches in diameter at Lowell, light hail at Salem. About 25% damage due to windstorm.						

See reference notes at end of table.

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IOWA (Cont'd.) State	17	Daylight hours					6		High winds		
									caused one of the worst dust storms in years and caused extensive, but mostly minor damages. Dust was carried upward to 6,000 ft.		
4NE Bedford	20	6:00 a					4		Lightning		
Near Dexter, Dallas County	20	7:00 p							Funnel aloft		
Donnellson	21	8:08 a					4		Hailstorm		
Fort Madison	21	8:15 a					4		Hailstorm		
									2 inch diameter hail. Extensive glass breakage.		
Moravia	21	1:10 p					4		Hailstorm		
									1 1/2 inch diameter.		
SE Iowa	21	2:00 - 3:30 p					6	4	Windstorm and Hail		
									Extensive hail, high winds, torrential rains. Area including and south and/or east of Appanoose, Wapello, Keokuk, Washington and Louisa Counties. Wind and some hail damage particularly heavy at Crawfordville (Washington Co.), Columbus City and Grandview (Louisa Co.) and Richland (Keokuk Co.). Hail at Donnellson at 3:24 p.m., diameter 3/4 to 1 1/2 inches; at Richland, hail 2 1/2 inches diameter. Damages; hail 40%, wind 50%, heavy rain 10%.		
N Jefferson County	21	2:00 p							Funnel aloft		
									Sighted between Richland and Fairfield. Touched ground briefly north of Fairfield.		
Columbus Junction, Louisa County	21	2:30 p							Funnel aloft		
Birmingham (Van Buren Co.) to Mt. Union (Henry Co.)	21	3:00 p	30	100			5	4	Tornado		
									Funnel observed north of Mt. Pleasant. Tornado touched down for short distance at Rome. Extensive damage from 1 1/2 SE of Birmingham, northeast past Stockport (2NW) in Mt. Union one block from business district. Intermittant path.		
10SW Burlington	21	3:15 p							Funnel aloft		
Vincent	30	3:50 p	6	200			5		Tornado		
									Also hail about 50% damage, about 25% wind damage in Eagle Grove-Thon-Vincent area.		
Gruver, Emmet Co.	30	4:00 p	7	300			6		Tornado		
									Damage at DOLLIVER, NE of Gruver.		
S Madison County	30	4:00 p					4		Windstorm		
Des Moines	30	4:06 p					6	4	Hailstorm		
									Hail to 2 inches diameter. Strong gusty winds caused isolated damage. Losses at least \$2 million.		
N of Emmetsburg to W of Ringsted	30	4:10 p	8	300			5		Tornado		
NW Ringsted	30	4:15 p					1	4	Hailstorm		
									One person bruised by large hailstones.		
Titonka	30	4:15 p					5		Hail, Windstorm		
									Damage 50% hail.		
Colo-State Center-Clemons area	30	4:30 p					5		Hailstorm		
									2 1/2 inch diameter hail.		
Near Humboldt	30	4:30 p							Funnel aloft		
3S Humboldt	30	4:30 p	7				5		Windstorm and Hail		
									Hail damage 30%.		
W of Crystal Lake	30	4:30 p	6	300			6		Tornado		
									8 farms damaged. Moved NNE. Hail preceding and after.		
3E Estherville	30	4:33 p	1	200			5		Tornado		
Southeast and East Central Kossuth County	30	4:40 p	25				6		Hail, high winds		
									200 farms report damage. 50% damage due to hail, 50% winds, hail to 2 inches diameter.		
New Haven, Mitchell County	30	5:00 p	5				5		Windstorm		
Montrose, Lee County	30	5:00 p					5		Windstorm		
4S Clear Lake	30	5:05 p	7	250			5		Tornado		
									Tornado moved NE. 3 funnels sighted.		
Fort Madison	30	5:20 p	3	400			5		Tornado		
									At least one family struck previously by January 24, 1967 tornado.		
N of Thornton	30	5:25 p	10				5		Windstorm		
									Seven farmsteads damaged.		
IOWA (Cont'd.) Manly	30	5:28 p	12	400			5		Tornado		
									Two funnels sighted, one approached town from south then moved NE to pass town on east side. A funnel sighted west of Manly.		
2S Kensett	30	5:30 p	15	800			6		Tornado		
S of Northwood	30	6:20 p	10	500			1	6	Tornado		
									2 inch hail preceded tornado. Tornadoes in Worth Co. (Manly, 2S Kensett & Northwood) moved NNE. Damages estimated about \$2,000,000. 47 farms damaged, 119 buildings destroyed.		
S Buchanan County	30	6:30 p					4		Windstorm		
									Tree and building damage Wintthrop and Quassqueton areas.		
Littleton	30	7:00 p							Tornado		
									Touched ground briefly.		
Montezuma	30	7:00 p					4		Tornado		
NE Ottumwa	30	7:19 p							Funnel aloft		
									Three funnels reported.		
Epworth, Dubuque County	30	9:00 p	2	400			5		Tornado		
KANSAS Eastern one-half	1	Morning					0	0	Lightning		
									Damage occurred near the Harvey-Sedgwick County line and in Bourbon, McPherson and Wabaunsee Counties.		
Northeastern portion	2	Evening	?	?	0	0	4	3	Hail		
									Damaging hail fell in Dickinson, Ottawa and Pottawatomie Counties. Hail up to 1 1/2" in diameter occurred near Abilene.		
Pratt County	4	Evening	?	?	0	0	4	0	Wind		
									Wind destroyed a radio tower at Pratt.		
Shawnee County	5	12:30 a.	?	?	0	0	?	?	Hail		
									"Large" hail was reported at Rossville.		
Meade County	12	10:30 p.							Funnel aloft		
									Funnel sighted 13 mi. southwest of Meade, moving northeast.		
Central one-third and southeastern portion	12-13	Night	?	?	0	0	5		Wind		
									A line of thunderstorms with strong winds moved across Kansas causing considerable damage. Wind gusts hit 86 m.p.h. at Hutchinson and five hopper railroad cars were blown over.		
East Central portion	16	Evening	?	?	0	0	4	4	Hail, 3 funnels aloft		
									Hail 1 1/2" wide and 1/2" thick fell at La Cygne damaging garden and field crops. Hail 1" in diameter and a funnel aloft were reported at 9:20 p. 8 mi. west of Raymore, Mo. A funnel aloft also occurred 12 miles northeast of La Cygne at 7:40-7:45 p. and 20 miles south of Lawrence at 8:00 p.		
Nemaha, Brown Counties	21	3:30-3:40 a.	4	2640	0	0	5	3	Hail		
									Severe hail storm with stones up to 2 1/2" in diameter damaged roofs, cars, and gardens at and near Seneca. Hail up to 1 3/4" in diameter fell at Hiawatha.		
Most of state	22, 24						0	0	0	6	Freeze
											Freezing weather occurred over much of northern Kansas early on April 22 and over most of the State on the 24th. Minima dropped to the lower 20's in some areas and field crops, fruits, vegetables, and nursery stock were damaged.
Cherokee County	25	Midnight of 25-26	?	?	0	0	5	5	Hail		
											Southern portion of Cherokee County suffered damage to crops, gardens, buildings and some cars. Hail stones up to 2" in diameter were reported.
Neosho County	30	1:50 p.			0	1	0	0	Lightning		
											A 7-year-old boy was struck at Chanute.
Wilson County	30	1:00 p.	?	?	0	0	4	4	Wind, Hail		
											Considerable damage occurred to houses and farm buildings north and east of Fredonia. Hail stones up to 1" diameter fell in a few spots.
											SPECIAL HAIL SUMMARY
											Hail Loss Clearing House Reports indicate hail was severe on the following dates and in the following Counties:
	25	Cherokee, Crawford, Labette									
	26	Cherokee									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
KENTUCKY Boone County	17	5:00 a.			0	0	4		Electrical, wind
Fulton County	23				0	0	1		Hail
Barren County	23	2:56 p.							Funnel Cloud
Adair County	23	4:20 p.							Funnel Cloud
LOUISIANA									
Calcasieu Parish	11	1:36 p.m.							Funnel cloud
Northwest, North Central and Northeast Divisions	13	Afternoon			3	5	?		Tornadoes (5), wind, hail
Southwest, West Central, Central and East Central Divisions	13-15	Afternoon-Morning			1	20	7	?	Heavy rainfall, wind, lightning, flash floods
St. Bernard Parish	14	7:55 a.m.							Funnel cloud
Acadia and Vermilion Parishes	18	5:00 - 6:00 p.m.							Funnel cloud(5)
Acadia Parish	18	6:06 - 6:18 p.m.							Tornado
Jefferson Davis Parish	19	5:45 p.m.							Tornado
LOUISIANA (Cont'd.)									
Vermilion and Acadia Parishes	19	p.m.							Funnel clouds
Calcasieu Parish	26	6:30 p.m.							Hail
MAINE									
Southwest	18				0	0	4	0	Heavy snow, hail, lightning, wind, glaze
Coastal	28-29				0	0	4	0	Wind
MARYLAND									
Southern Eastern Shore	24				0	0	0	0	Duststorm
MASSACHUSETTS									
Eastern	3				0	1	4	0	Wind
State	7				0	0	4	0	Snow, lightning, hail, wind, glaze
State	10				0	0	4	0	Wind, lightning
State	18				0	0	4	0	Snow, lightning, hail, wind
State	22	P.M.			0	0	5	0	Lightning, hail, wind
State	28-29				0	7	5	0	Wind

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
MASSACHUSETTS (Cont'd.) State (Cont'd.)									
									by other flying debris, and one pedestrian in Boston blown to pavement, suffering a broken leg. Much coastal damage by heavy surf and high storm tides. Many boats damaged at or torn from their moorings. Several fishing boats caught at sea badly damaged. Lobstermen suffered huge loss of traps. Some cars and buildings damaged by falling trees in eastern Massachusetts.
MICHIGAN Leslie, Ingham County	2	3:30 pm			0	0	4	0	Thunderstorm - Wind
									Nearly completed new home removed from foundation, barn blown down and several incidents of minor damage reported.
New Haven, Macomb County; Anchorville, St. Clair County	2	5 - 5:30 pm			0	0	4	0	Thunderstorm - Wind
									New school, under construction, heavily damaged when several walls were blown down, warehouse close by had one wall blown down causing damage to equipment inside. In the Anchorville area three barns were blown down or heavily damaged by the wind. Minor damage was reported in the surrounding areas.
Central Lower Michigan	5-6	10pm - 3:30 am			0	0	4	0	Thunderstorms
									Scattered thunderstorms caused wind damage at Hesperia, Alma, Merrill and Saginaw. Alma was hardest hit, with a \$7,000, 60 foot trailer destroyed, roof damage to two buildings and large plate glass windows blown out at two stores. Other damage included TV antennas and trees snapped off in all three areas. One small garage was destroyed at Saginaw and one barn at Merrill.
Frankenmuth, Saginaw County	14	8:20pm	3 mi	50	0	0	5	0	Tornado
									One of several funnels aloft touched down causing \$50,000 of damage to the Frankenmuth school. Lesser damage was noted elsewhere as the storm moved east-northeastward.
Chelsea, Washtenaw County	14	8:30pm	brief	20	0	0	3	0	Tornado - funnels aloft
									Funnel observed to touch down on southwest edge of town and again briefly east of town causing about \$5000 in damages. One garage destroyed, windows smashed. In one freak case, a window was popped out and then back in leaving the curtain hanging outside. Other funnels aloft were reported over Camden, Hillsdale County, Muskegon, Muskegon County and Springville, Lenawee County.
Montague, 2 1/2NW Muskegon County	16	8:40pm	brief	20	0	0	3	0	Tornado - Hail
									Funnel observed a short distance above ground, destroyed a section of one barn and damaged a garage. Debris found up to 1/4 mile away. Golf ball sized hail and heavy rains caused localized flooding. Other minor wind damage observed in area.
Owosso, Shiawassee County	16	11:18pm	1/4	20	0	1	5	0	Tornado - Wind
									Funnel path observed to move northeastward, walls of service station built with reinforced concrete block literally exploded. Houses, 30 yards away on either side untouched. Additional damage in area, includes 5 planes demolished and several trees down. The latter damage appears to have been caused by wind only. One house trailer tipped on its side by the wind resulted in minor injuries to its occupant.
South Central Lower Michigan	17-18	late pm - early am			0	0	5	0	Lightning - Heavy Rains
									Scattered thunderstorms moved across the state as lightning caused several minor fires. One home was destroyed, another badly damaged and two received considerable damage near Grand Rapids; the Pontiac and Harrison areas also received notable damages. Near Clare, heavy rains washed but several sections of county roads. Near Flint, flooding collapsed one basement wall and caused other lesser damage to nearby homes.
North Shore Drive Casco Township to near Dunningville Allegan County	21	6:55pm	19	50	0	4	5	0	Tornado
									At point of touchdown, trailer demolished and resort heavily damaged, 16 foot boat picked up, moved considerable distance, set down unharmed. Path moved northeastward with area southwest of Pearl hard hit. Beside the several houses damaged, a 20' X 40' warehouse was demolished, buried in rubble were seven large tractors and other equipment. Twin funnels observed in this area. Double carport removed from one house, not located; camping trailer on carport was jammed into basement of house. Much of path was over open county. Width of path was variable. All injuries were minor.
MICHIGAN (Cont'd.) Grandville to Ada 3E, Kent County	21	6:58pm	20	400	0	32	7	0	Tornado
									Funnel moved east-northeastward, lifting at times, with possibly two funnels at other times based on observation of variable width of storm damage path, 300 to 600 yards. Four injured were hospitalized. Sixty-five structures completely destroyed, 60 suffered major damage, 375 suffered minor damage. Total estimated damage, near 8 million.
Middleville to near Lake Odessa, Barry County	21	7pm	14	500	0	1	4	0	Tornado
									Storm path up to 1/4 of a mile wide in wooded areas, picked up kitchen section of one farm home moving it and the lone occupant 1/2 of a mile before setting it down. Moved in east-northeast direction over rural area, demolishing some barns and outbuildings.
Sister Lakes, Cass County	21	7:00pm - 7:30pm			0	7	5	0	Thunderstorms
									A hail storm at Dowagiac occurred about 6 pm, but the damaging winds accompanied thunderstorms over the northwest corner of Cass County an hour later. Many trees toppled onto roads over a wide area. One driver stopped to avoid hitting a downed tree only to have a second one fall on his car, injuring four of the five occupants. Other injuries occurred when three area mobile homes were over turned by the wind. A number of buildings were also damaged by fallen trees.
Stevensville - Bridgman, Berrien County	21	7:25pm	1	25	0	0	5	0	Tornado
									School, not yet completed, will have to be completely rebuilt as a small twister moved through the area. Parts of school roof found 1/2 mile away. Two farms, 3/4 of a mile northeast of the school, lost barns and several out-buildings. Other homes in area damaged by fallen trees. Wind damage also occurred at the Bridgman school 7 miles to the south.
Three Rivers, St. Joseph County	21	8 pm			0	0	6	0	Thunderstorms
									Large manufacturing plant suffered estimated \$500,000 in damages. Warehouse walls damaged in several areas, one 150' X 30' section of roof removed and a second 80' X 60' area heavily damaged. Semi-tractor by plant also overturned. At Haines Field, the administration building suffered minor damage but a plane ripped from its moorings was heavily damaged. Other structures in area damaged by fallen trees.
Holton 4 NW, Muskegon County	21	8:10pm	brief		0	0	0	0	Tornado
									One of several funnels aloft observed to touchdown briefly over swampy area.
Portland, Ionia County	21	8:15pm	3	30	0	6	5	0	Tornado
									Timing - direction of movement indicates this may be same storm that produced the tornado from Middleville to Lake Odessa. Major damage confined to southwest and north sides of city, possibly two separate funnels. Total damage estimated at \$200,000. At W. Heyboern farm about 2/3 of his 60 head of cattle lost when barn was destroyed. Other wind damage observed in area.
Westphalia Fowler, Clinton County	21	8:15pm	12	50	0	8	6	0	Tornado
									Damaged high school, 22 homes, 4 completely lost; 5 businesses, 1 completely lost and 10 farms, 4 completely lost. Thirty-four sheep killed in two separate barns as funnel entered south edge of Fowler at 8:25pm. A second storm about 9:15 moved through the area 5 miles to the south and east and caused additional wind damage by demolishing a trailer and damaging business in the northwest corner of St. Johns. A small funnel may have also been present in this storm.
Cascade, Kent County	21	8:30pm	1/4	25	0	0	4	0	Tornado
									Tornado demolished outbuildings along its path through wooded area. Moved east-northeast.
Battle Creek, Calhoun County	21	8:30pm			0	0	5	0	Thunderstorms
									Heavy wind damage occurred in Battle Creek area and on northeastward toward Bellevue. Two planes at Kellogg Air Field tore from moorings and flipped over, four trailers overturned, three others taken off foundations, three area manufacturing plants damaged, three barns destroyed and one small airplane hanger and plane inside damaged. Some livestock lost. Lightning started one minor fire.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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					KILLED	INURED	PROPERTY	CROPS	
MICHIGAN (Cont'd.) Sunfield, Eaton County	21	8:40pm	brief	?	0	0	4	0	Tornado
			Funnel touched down destroying farm buildings. Moved eastward.						
Kalamazoo - Portage, Kalamazoo County	21	9:00pm			0	0	5	0	Thunderstorms
			Wind damage to several buildings, trees downed. Storm damage path continued northeastward into Galesburg area.						
Pottersville, Eaton County to Lansing, south side, Ingham County	21	9:10 - 9:40pm			0	0	4	0	Tornado
			Five funnels aloft sighted in this area. Believe this may be same storm with two brief touchdowns. Farm damaged at Pottersville, side of house popped out, south side of Lansing.						
Jonesville 4 1/2N Hillsdale County	21	9:27pm			1	1	3	0	Thunderstorm
			Wind toppled tree on top of car, killing passenger, seriously injuring driver.						
Hemlock area, Saginaw County	21	9:30pm			0	0	5	0	Thunderstorms
			H. Hahn farm heavily damaged, 5 cows killed, several calves lost. Two mobile homes damaged as were 3 other barns in area. Other reports of relatively minor damage were received from widely scattered areas in southern Michigan.						
Northeast Detroit Macomb County	25	about noon			0	1	2	0	Dust Devil
			Topped a 20 foot camping trailer twice and knocked down Mrs. Piet while she was standing in her yard. She suffered minor bruises. Skies were clear and winds calm prior to incident.						
MINNESOTA							6	0	Flooding
See Text			During the month flooding occurred along the tributaries of the Minnesota River, the Root and Zembro Rivers, the Mississippi River below Hastings, and the Red River of the North. For details refer to March and April issues of Climatological Data, National Summary.						
Marshall area, Lyon County	1	evening			0	0	4	0	Ice storm
			Heavy damage to trees, many power lines down.						
Rolling Green, Cottonwood County	1	11 p.m.			0	0	3	0	Lightning
			Home partially destroyed.						
Faribault & Freeborn Counties	2	12:30 a.	8	?	0	0	5	0	Tornado, wind, Lightning
			Tornado began near town of Rake, Iowa and moved NE across the border into the Bridgely-Kiester area. Buildings down, livestock killed, and trees snapped on about a dozen farms. Wind and lightning damage in western Freeborn County.						
St. Croix Beach, Washington County	2	1:45 a.			0	0	4	0	Lightning
			One home destroyed and another damaged.						
15 WSW Minneapolis Hennepin County	5	6:50 p.			0	0	?	0	Hail
			One inch diameter.						
Glencoe, McLeod County	12	5 p.m.			0	0	3	0	Lightning
			Knocked out a large generator.						
Mower County	14	11:30 a.			0	0	3	0	Winds
			Wind associated with a thunderstorm caused damage to farm north of Adams and houses north of Elkton.						
Wheaton, Traverse County	14	3:50 p.							Funnel Cloud
			Reported by sheriff's office.						
Southern Half of State	17	morning			0	0	4	0	Winds, sleet
			Winds to 65 mph brought damage in scattered areas. Sleet and wind caused 21 breaks in Grant Falls (Yellow Medicine County) electrical Distribution system.						
MINNESOTA (Cont'd.)									
Much of state	30	aft. & evening			0	?	5	?	Severe thunder- storms, wind, hail rain & lightning
			Mostly high wind in northeast quarter of state. Diverse activity south half: hail, size of tennis balls, at Willmar, Kandiyohi County, and size of golf balls near Madelia in Watonwan County. Falls of small size hail other sections. Minor local flooding, with heavy rain. Lightning destroyed barn near Gaylord, Sibley County. High winds, badly damaged farm buildings near Garvin and other buildings near Marshall in Lyon County. Isolated areas experienced near-blizzard conditions with light snow and high winds.						
Duluth area, St. Louis and Carlton Counties	30	evening			4	2	4	0	Winds
			Winds with gusts to 63 mph caused 15 foot waves in Lake Superior. Three boys drowned when washed from pier. Coast guard man drowned in rescue attempt. Large scale power outages and other damage throughout the area.						
Chatfield, Olmsted County	30	8 p.m.							Funnel cloud
Waseca, Steele, Olmsted, Freeborn and Mower Counties	30	6:05- 8:15 p. (C.D.T.)			13	65	7	?	Nine tornadoes
			A family of 9 tornadoes struck this 4-county region leaving a large number of rural and urban homes destroyed and more heavily damaged. In Freeborn County about 75 to 100 farms received light damage to total destruction. Final damage figures will be about \$6 million in Freeborn County and will be well above \$9 million over the total region.						
			The first tornado touched down at 6:05 p.m. NW of Alden (Freeborn County), and moved NW along County Rd. 6 to SW of Freeborn. It then lifted and touched later near Mutawan in Waseca County. Destruction along the early part of the path was extensive. Two people killed within the 100 to 500 foot track width.						
			The second tornado began near Twin Lakes (Freeborn County) about 6:23 p.m. It moved NNE through west Albert Lea to Clarks Grove and Ellendale, remaining on the ground about 90% of the time. Lifting in Ellendale area it skipped through Steele County touching down in Hope and Owatonna area where two people were killed. Width of damage ranged from 100 to 600 feet. On ground 50-60% of time from Ellendale to north Owatonna. Five people killed along the full tract. Two million dollar damage in Albert Lea, with 26 homes destroyed and 64 substantially damaged.						
			The third tornado began about 6:30 p.m. near Manly, Iowa. Crossing the Minnesota border, it moved about 4 miles north into the Myrtle area (Freeborn County), smashing a number of farms before lifting.						
			The fourth tornado began near the Iowa border and moved north into the London area. It paralleled the track of number 3 which occurred just a few miles east of it. About 20 farms were damaged by tornadoes 3 and 4.						
			The fifth tornado touched down on County Rd. 33 near Hartland (Freeborn County). It moved north along Highway 67 into the city of Waseca about 6:52 p.m. Along Highway 67 the vortex swept from one side of road to the other damaging or destroying many farm buildings. On ground about 90% of time. In Waseca the tornado destroyed a section of the urban area about 4 blocks in width, extending from 14th Av. S.E. to Clear Lake. Urban Waseca destruction included 16 homes destroyed and 25 substantially damaged.						
			The track of the sixth tornado was about 4 miles to the east of number 5 and paralleled it. It began to the west of Lemond and moved north, crossing Highway 14 a few miles west of Meriden.						
			The seventh tornado moved only a short distance along the ground. It touched first near Hollandale (Freeborn County) and moved north, lifting into clouds east of Geneva.						
			The eighth tornado touched down at 7:15 p.m. on a farm 1 1/4 miles southeast of Austin. It moved north along a 6-mile track damaging a number of farms and homes.						
			The ninth tornado touched down near Marion (Olmsted County) about 8:10 p.m. It moved northeast destroying a trailer home and farm buildings, then lifted northeast of Boyta at 8:15 p.m.						
MISSISSIPPI									
Washington County	13	4:15 PM			0	0	2	0	Funnel Cloud Aloft, Wind
			During cloudy weather, woman at Greenville saw a big funnel cloud aloft resembling "a huge column of smoke", it dipped low on Lewis Street and lifted on Reed Road, was followed by heavy winds and rain. Minor damage noted in area 25-28 ft. by 12-14 ft.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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					KILLED	INJURED	PROPERTY	CROPS	
MISSISSIPPI (Cont'd.) Bolivar County	13	5:00 PM	Short	Narrow	0	0	4	0	Tornado
			Storm came from SW and was followed by torrential downpour. Tornado dipped down on Shaw; compression stand on athletic field apparently exploded, walls were splintered, roof blown across road and foundation remained in place; nearby cyclone fence severely damaged when tree was blown on it. Other damage to trees, TV antennas and roofs. Barn located on Highway 61 destroyed. Electric service disrupted several hours in parts of town.						
Lower Delta Division	13	5:30 PM	Short	Narrow	0	0	0	0	Tornado
			A solid line of thundershowers extended from Cleveland in Bolivar County to past Vicksburg in Warren County. Just ahead of it in Sunflower County, Highway Patrol spotted tornado briefly dipping down in open field (cotton) 1/2 S Ruleville (Lat. 33.7° N, Long. 89.5° W). No damage reported.						
Rankin County	14	2:05 AM	**	Narrow	0	0	4	0	Tornado
			On Gunter Road about half way between Monterey and intersection with Highway 49 (2 N Florence, Lat. 34.2° N, Long. 89.9° W): Small tornado dipped down caused some property damage in small area; demolished 2-car garage and connecting breezeway, damaged barn and home; took deck off swimming pool, flying debris blown into 4 utility poles knocking them down, also cut 2 cows to extent they had to be destroyed. A few minutes later on Montgomery Road between Florence and Plain a barn was damaged and trees overturned.						
Simpson County	14	2:10 AM			0	1	3	0	Wind
			Rials Creek Community, Magee: House moved 10-12 ft. N of its foundation; S side of roof blown into woods on N; carport blown to ground; blown window glass scratched boy. No damage to trees in area of house, not even to a limb.						
Smith County	14	3:00 AM	1/4	100	0	0	?	0	Tornado
			S E Bay Springs (Jasper County) (Lat. 32° N, Long. 89.3° W) Forestry Commission reported tornado, caused timber damage only.						
Southeast Division	14	Early Morning			0	0	4	0	Wind
			Line of thundershowers moved across Division. NEWTON COUNTY: Storm moved from SW to NE, high winds did damage in 3 farming areas and 9 families reported losses. Heaviest damage Bethel Community, 3/4 SW Newton (Lat. 32.1° N, Long. 89.1° W): 2 barns destroyed, silo tops damaged, 1 cow killed and 3 injured to extent they had to be killed, roofs several houses partially blown off. 3 N Hickory: damage to several small houses and barn. Red Cross reported minor property damage in Berry Community. JASPER COUNTY: Paulding Observer reported high wind, no damage.						
Mississippi Sound	22	3:15 PM							Waterspout
			Waterspout moving E reported 8 S Gulfport (Harrison County).						
Lee to Lowndes Counties	23	5:11 PM - 6:11 PM			0	0	?	?	Hail
			Scattered hail occurred as thunderstorms moved across area. CLAY COUNTY: 5:11 PM 5 N West Point Highway Patrol reported small hail, heavy rain, no wind of consequence. LEE COUNTY: 5:50 PM Tupelo Police reported pea size hail, no wind of consequence. LOWNDES COUNTY: 6:11 PM Columbus Air Force Base (lat. 33.6° N, Long. 88.4° W) reported 1" hail and wind gusts to 59 mph.						
Marshall County	23	8:30 PM - 9:00 PM			0	1	5	?	Thunderstorm, Wind and Hail
			Severe thunderstorms NW portion of County. Heavy wind damage, in some areas hail accompanied the rain which resulted in even more damage. 8:30 PM Highway 309 about 1/2 Tennessee line (20 NW Holly Springs): high winds destroyed 1 house, damaged 2 silos and a barn, blew down trees. Tenant house demolished, 1 of 6 occupants hospitalized with cuts and bruises. Hundreds of trees blown down, many blocking Highway 72, the Collierville Road and Quinn Road (a local road). Several miles of wires, power and telephone, torn down and many fences and gates destroyed about 9:00 PM. Highway Patrol while enroute to Highway 72 near State Line (10 SE Collierville, Tenn.) encountered 1-inch hail just E of that point.						
Prentiss County	23	10:00 PM	5	100	0	0	3	3	Tornado
			Severe thunderstorm moved from SW toward E. Thunder more of roar than loud bursts; roared in W continuously about 15 minutes before it hit. Damage in timber land and communities vicinity Booneville (Lat. 34.6° N, Long. 88.6° W). Funnel not seen but terrific 2-3 minute roar heard when it passed overhead, then rain came. In Hills Chapel Community: home damaged, about 5 nearby trees uprooted and fell mostly toward E; barn demolished and scattered for 1/2 mile. Near Martin Hill: damaged barn and shed, uprooted trees fell mostly W and were very twisted. In Booneville: damage to house trailer, lot of trees, number of cars and large number of antennae blown over. Red Cross received 7 relief applications from Thrasher Community.						
Oktibbeha County	24	About 12:30 AM	1 1/2	1/2	0	1	4	0	Wind, hail
			Storm moved from W toward E. Wind and hail damage occurred within town of Mabon. House trailer blown on side and occupant bruised and back injured. Grocery store partially deroofed, considerable water damage to store. Many trees uprooted, about 30 television antennae blown down. Barn and house lost roof.						
Upper Delta Division	24				0	0	0	3	Hail
			Scattered hail reports. BOLIVAR COUNTY: Storm moved from SW toward NE. Hail 4:30 AM along 10-mile line from 1 S Scott (SW of Dixon Plantation) NE to Asia Plantation. Width of path 3/4 mile and fell mostly on woods and unplanted fields. Covered ground to 1", averaged 1/2" diameter, largest 3/4". 85% damage to 25 acres of cucumbers. TUNICA COUNTY: Tunica Observer reported 1-1/4" hail.						
MISSISSIPPI (Cont'd.) Quitman County	25-26				0	1	3	0	Heavy Rain
			Two day rainfall damaged gravel road between Mississippi 6 and 316. Culvert beneath Quitman County road C-30 washed out as automobiles passed over. Driver cut near right eye during 10-foot fall.						
Webster County	26	3:15 PM					?	?	Hail
			Mantee (Lat. 33.7° N, Long. 89.0° W): Highway Patrol reported heavy rain and hen egg size hail.						
Coshoma County	27	4:30 AM - 6:00 AM			0	0	3	0	Hail, Wind
			Frontal system brought temperatures reported chilliest since 1910 for this time of year. Wave of showers swept across area. Thunderstorms, high winds and "hail as big as golf balls" hit Farrell Community, Clarkeville about 4:30 AM. Near Farrell part of tree fell on parked car and wind did some damage to nearby roof. About 6:00 AM at Clarkdale a barrage of moderate size hail but no reported damage.						
MISSOURI									
Springfield 10 E Greens County	9	8:30 PM							Thunderstorm
			Hail 1-3/4 inch in diameter.						
Galena, 5 N, 2-1/2 E Stone County	13	10:30 AM						3	Tornado
			Damage to buildings and trees on one farm.						
Adrian 4 S, Bates County	16	Evening						4	Thunderstorm
			High voltage electric transmission line damaged by wind along a north-south path about 4 miles south of Adrian.						
Drexel, 3 NE Cass County	16	7:45 PM							Tornado
			Visible funnel did not touch ground but limbs blown off trees.						
Bates County	16	7:45 PM						4	Tornado
			After extensively damaging a new 16,000-volt transmission line about 4 miles south of Adrian on Highway 71, the tornado was seen damaging crops on farms 3-1/2 miles to the east northeast.						
Peculiar, Belton (between) Cass County	16	7:45 PM							Tornado
			No damage reported.						
Ruskin Heights, 1-5 NE, Jackson County	16	8:03 PM							Funnel Aloft
Kansas City, 19 SSE in Cass County	16	9:05 PM							Funnel Aloft
Raymore, 8 W Cass County	16	9:20 PM							Funnel Aloft
Hermann, Franklin County	16	9:00-9:30 PM						4	Thunderstorms
			Hail damage and some wind damage to crops and farm buildings in the Little Berger Community.						
Neosho W, Newton County	16	10:30 PM							Funnel Aloft
			Civil Defense units sent to reported location, unable to find tornado.						
Cassville, 8 E Barry County	21	1:30 AM						4	Thunderstorms
			Hailstones 3-1/2 inch diameter, 8 miles east of Cassville.						
Memphis, 1 1/2 NE Scotland County	21	8:00 AM							Tornado
			Tornado was seen moving northeast on ground.						
Maysville (Near) DeKalb County	21	12:15 PM							Funnel Aloft
			Public report of funnel aloft.						
Gower, 2 N Clinton County	21	12:30 PM							Tornado
			Observer reported "lots of dust with it-moving west to east". No damage reported. This is upstream from Cameron, which was struck at 4:00 PM.						
Cameron, Clinton County	21	4:00 PM						4	Tornado
			This tornado caused moderate damage in south part of Cameron, though visible funnel did not touch ground.						
Gallatin (East of) Davies County	21	1:15 PM							Tornado
			Touched down briefly, apparently from same parent storm as tornadoes in Clinton County.						
Trenton, 2 NE Grundy County	21	1:30-1:40 PM						3	Tornado
			Damage to outbuildings on a WSW-ESE line from 1-1/2 miles east of Junction Business 65 and Highway 65.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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	
MISSOURI (Cont'd.)									
Grundy-Sullivan Counties	21	2:00 PM			7				Tornado
		First damage was on an intermittent 1-1/2 mile line from 2 south, 2-1/2 west of Junction Highway 6 and J and to 3/4 mile south, 1-1/2 west of Junction 6 and J, after being observed passing over mostly open country for 4 miles south of Galt. The tornado caused next severe damage in a 3-1/2 mile swath starting 1/2 mile west of Humphreys. In north Humphreys, the tornado destroyed 8 houses and damaged 7 seriously and passed just north of the Humphreys school which received glass damage. A woman and two children were injured when their trailer was blown 100 feet; and four men were injured taking shelter in a barn 3 miles east, 1/2 mile north of Humphreys, after which the tornado apparently lifted.							
Ray-Carroll Counties	21	1:20-1:45 PM	15	140		5	4		Tornado
		This tornado first touched down about 3-1/4 miles north of Stet, 1 mile west of the Ray-Carroll County line. Crossing into Carroll County, it went on to do extensive damage to homes, outbuildings and hogs. The tornado was last reported on the ground at Junction of Routes U and Z at 1:45 PM. Owing to advance warnings and proper precautions, there were no injuries from this otherwise destructive tornado.							
Linn-Macon Knox Counties	21	2:20-3:20 PM	55	100-500	2	5			Tornado
		This tornado was apparently spawned by the same parent storm as the 1:20 PM tornado in northwest Carroll County. A pilot flying length of storm reported the path to be essentially continuous from near Swan Lake to south of Novelty. Since this tornado passed through no major communities and proper precautions were taken, there were only 2 injuries from this storm; both of which were in Linn County.							
		This storm was first reported as 3 funnels entering Linn County near Forker. First damage reported was on Route TT, 4 miles south of Highway 36. About 8 miles to the northeast, (5 miles east of Junction Highways 36 and 11) a woman and her granddaughter received surprisingly minor injuries, while muddled in the southwest corner of a house that was completely demolished. Continuing east-northeastward, the tornado passed 2 miles north of Bucklin; 5 miles north of New Cambria, about 8 miles due north of Callao, and just northeast of Albany. About 3 miles east of Albany, at about 2:40 PM, it downed transmission lines causing a power outage in Kirksville. The tornado entered Knox County 1 mile north of the county line about 1 mile into the county. It leveled a farm home, the contents of which were found as far away as south of Novelty, a distance of about 8 miles. Last reported damage was 2 south, 3 west, of Novelty, after which the path was reported to become more erratic as tornado continued over fields to the east northeast. Last reported as a tornado near Plevna at about 3:20 PM.							
Daviess County	21	early afternoon	6	60-90					Tornado
		Tornado damage from 5-1/2, 2 miles west of Coffey (Junction Highways 13 and B) to 3 miles southeast.							
Lafayette County	21	2:15 PM							Funnel Aloft
Higginsville E Lafayette County	21	3:03 PM							Tornado
		Touched down near Gorder. No damage reported.							
Saline County	21	2:20-3:00 PM							Tornado
		First touchdown was 1 mile south, 1/4 mile west of Junction Highways 20 and EE, about 7 miles west southwest of Marshall. After passing over Marshall this tornado, or another from the same parent storm, damaged outbuildings, front porch of home, 2 miles east and 1/2 mile north of Junction Highways 24 and 41. It apparently lifted and moved east northeastward to damage 3 farms lying approximately on west southwest-east, northeast line from Highway D, 3-1/2 miles south of Gilliam.							
Bates County	21	3:10 PM							Tornado
		Funnel touched down briefly just east of Adrian, near Highway 18. Damage to buildings and machinery on one farm.							
Clinton, 5 W Henry County	21	3:10 PM							Funnel Aloft
St. Charles, W St. Charles County	21	7:50 PM							Funnel Aloft
Union (East of) Franklin County	21	7:47 PM							Funnel Aloft
Springfield (Area) Greens County	23	early morning			9	5			Thunderstorm
		Heavy wind damage to homes, factories. Injuries occurred when wind hit trailer court.							
Springfield-Fordland, Greene, Webster, Wright Counties	23	6:20-6:30 AM			3	5			Tornado
		A severe thunderstorm caused some damage in the Springfield area. An observer reported seeing rotary motion in the clouds just east of Springfield. He reported seeing whirling clouds with debris in the air. Next report was from the television station near Fordland. The observer said he could see what looked like a large hole in a whirling cloud, full of debris. Damage to farm buildings - 5 miles north of Rogersville in Webster County.							
MISSOURI (Cont'd.)									
Diggins, 2 W to 4 E, 1-1/2 N Seymour, Webster County	23	6:30 AM				1	4		Tornado
		An essentially continuous path began about 1-1/2 west, 1/2 north of Junction Highways A and 60, from just west of Diggins to about 1-1/2 west of Seymour. It followed the railroad tracks downing an estimated 100 telephone poles. The damage lies on a 5 miles west to east line north of Seymour. A woman was trapped several hours in a tridder. Next major damage was to farms on an intermittent line from 1-1/2 east of Junction Highway 60 and C.							
Greene County (Stratford Area)	23	6:30 AM					4		Tornado
		Tornado briefly touched down 2 miles south, 2 west of Stratford; doing damage on at least four farms as it moved 1 mile in an easterly direction. On one farm, the north half of a barn was demolished and pieces found as far as 1/2 mile away, but the south half was left standing.							
Mountain View, Howell County	23	8:00 AM					4		Tornado
		Apparently, this tornado was part of the same parent storm system that developed in Webster County 1-1/2 hours earlier. A witness reported seeing three funnels near Mt. View; one larger funnel in the middle, and two smaller funnels, one on either side of the middle one. Damage to a store building and several homes.							
Pemiscot, Dunklin Stoddard, Butler Counties	23	morning				4	6	5	Thunderstorms
		Heavy hail and wind damage to homes, trees, crops and farm buildings in the Dexter, Poplar Bluff, Charleston and Bloomfield area.							
Dexter (East of) Stoddard County	23	9:30 AM							Funnel Aloft
Malden, Dunklin County	23	10:40 AM	1/4	200			4		Tornado
		Moving southeast, this tornado dipped briefly to damage a grocery store and roofs at Malden Air Base.							
Keweenaw (Near) New Madrid County	23	morning							Funnel Aloft
Joplin, Jasper County	26	12:10 AM							Thunderstorm
		Hail, 1-3/4 inch diameter.							
MONTANA									
East of the Continental Divide	20-21				0	0	Considerable	0	Snowstorm
		The storm covered all the area eastward from the Divide to the Dakotas. The heavy wet snow hampered surface transportation in nearly all the storm area. Several stations reported 12 to 18 inches of snow on ground. The areas most affected by the storm were the Sweetgrass Hills (in north-central portion) and the southeast. Lambing and calving was in progress all areas and there was considerable loss of newborn animals. Impassable roads caused difficulty in getting feed to livestock. Schools along the Canadian border were closed one to three days. Some telephone and power lines were damaged by ice and snow. Slick roads caused numerous auto accidents with two fatalities.							
East of the Continental Divide	29-30				1	0	Considerable	0	Snowstorm
		A second heavy April snowstorm spread from the Continental Divide eastward to the Dakotas. The most severe area of the storm was in the southeast portion centering in Powder River, Carter, and Fallon counties where snow depths accumulated to over 20 inches and drifts of four to five feet were reported. Several stations in this area measured two to three inches of precipitation from this storm. In the more severe areas of the storm, schools were closed a day or two. All forms of transportation were hindered throughout the storm area. Livestock losses were heavy, especially to newborn calves and lambs with greatest loss in the Sweetgrass Hills (north-central) and southeast. Some ranchers had moved their livestock to summer pastures and due to impassable roads were unable to feed and care for them for several days. Because of the lateness of the season, grass had not developed, requiring heavy feeding of hay and other feed during the period of snow and cold. Hay supplies had been exhausted some areas with shipments necessary. The accumulative nature of losses from the two storms, which weakened older animals, caused diseases among calves, lambs, and shorn sheep, and the difficulty of ranchers making a tally of livestock accurate estimates were not expected to be available for several weeks or months. The storm caused the death of a sixteen year old Butte (Silver Bow County) boy who became lost while looking for a calf. The two storms and cold delayed seeding and field work to the latest date in many years. Power and telephone lines, especially southeast, sustained some breakage.							
NEBRASKA	19	4:16 p			0	0	0	0	Hail
Chadron		A few 1 1/2" stones.							
Northwest Corner of Nebraska	29-30				0	0	0	?	Snow and high winds
		Several inches of snow accompanied by high winds. Near blizzard conditions. Roads blocked, schools closed, considerable loss of livestock.							

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APRIL 1967

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					KILLED	INJURED	PROPERTY	CROPS	
NEVADA			None reported						
NEW HAMPSHIRE									
State	7				0	0	0	0	Glass
			Freezing rain over much of State.						
State	10				0	0	3	0	Lightning, wind, hail
			Considerable thunderstorm activity over State with some local hail. High winds with many minor damage incidents mostly from falling branches.						
State	18				0	0	3	0	Lightning, hail, snow
			Considerable thunderstorm activity with some scattered hail. Though little or none fell in some southern and coastal areas, much of State received 1 to 8 inches of late-season, wet snow. Damage mostly minor.						
Southern	22	P.M.			0	0	3	0	Lightning, hail
			Much thunderstorm activity with mostly minor damage by numerous lightning strikes. Hail fell in a few areas but no damage reported.						
Southeast	28-29				0	0	4	0	Wind
			Sustained high winds from a slowly moving northeaster. Hurricane force winds reported in wide area surrounding storm center far at sea. Many limbs and trees felled, with utility outages. Some signs toppled. Heavy surf battered the coast and locally flooded cellars and streets where sea walls were topped.						
NEW JERSEY			None reported						
NEW MEXICO									
State	12	Daytime			0	0	4	0	Wind
			Wind with gusts to 54 m.p.h. at Carlbad Airport, Bddy County, and unofficially to over 60 m.p.h. damaged drive-in theatre screen. Winds estimated to over 45 m.p.h. at Belen, Valencia County, demolished trailer home.						
State	13	Daytime			0	0	4	0	Wind and dust
			Wind with gusts to 41 m.p.h. at Tucuman, Quay County, damaged signs. Winds, unofficially to over 50 m.p.h., at Pertales, Roosevelt County, damaged roofs, walls and panels. Blowing dust near San Fidel, Valencia County, reduced visibility to near zero along highway.						
NEW YORK									
East Central and Southeast	10	p.m.			1	4			Wind
			High winds, gusting to near 70 mph. at WRAS, Albany and unofficially to 80 mph. at Schenectady, caused widespread but mostly light, property damage in eastern sections, principally in the Hudson Valley. From Saratoga and Rensselaer Counties south to Westchester and Orange, trees, limbs and utility lines were downed with power failures in scattered sections of numerous communities. Wind force caused collapse of diner wall, injuring men, near Albany. Signs, large windows and chimneys smashed along with a few cars and buildings damaged by falling trees. Large dairy barn demolished at Oneida, Madison County, lumberyard building partly unroofed at Hancock, Delaware County. Expensive boat heavily damaged at Amsterdam when blown out of winter storage rack; house trailer tipped over and moved 80 feet near Troy. Light property and utility line damage reported in Champlain Valley sections of Clinton County.						
Chautauqua County	17	4:30 to 6 p.m.					4	4	Rain, electrical
			A deluge of about 1.5 inches of rain in 1.5 hours affected southern Chautauqua County with heaviest damage centered in and around the city of Jamestown. Several blocks of city inundated with two feet of water causing buckling and gouging of street paving, black top etc. Expensive flooding of stores, warehouses, a shopping center, and underpasses occurred. About 75 acres of newly seeded oats and other crops inundated at Clymer. Lightning shattered church steeple, but no fire, at Clymer. Power failures from lightning also near Jamestown and at Cuba, Cattaraugus County.						
Great Lakes	22	p.m.					3		Wind
			Winds averaging more than 30 mph. and gusting up to 55 mph., affected mostly the Great Lakes plain from Buffalo to Syracuse. Power failures were most extensive in the greater Rochester area, along with damage to large store windows, signs, etc. Street in south Rochester littered with concrete conduit pipe rolled by wind from nearby construction site. Some trees and limbs down in Buffalo with a few widely scattered power failures there and Niagara Falls area. Boat overturned in Oneida Lake but two occupants swam to shore safely. Affects of high winds reported from St. Lawrence Valley as wind driven debris blamed for two car accidents in Malone, Franklin County. Eastern valleys also buffeted by high winds but damage relatively minor.						
NORTH CAROLINA									
Guilford County	17	3:15 pm	2	100	0	0	4	3	Tornado
			Storm moved southwest-northeast across field near Whitsett. Porch ripped off a home, several outbuildings demolished. Apple orchard severely damaged. Hail and heavy rain with storm. Meteorologist visited scene, reported damage apparently caused by tornado moving on a skipping path.						
NORTH CAROLINA (Cont'd.)									
Brunswick, Greene, Harnett, Lee, Lenoir, Robeson, Yadkin, Yancey Counties	17	2-8 pm					5	4	Wind, Hail
			Wind caused damage to a boat dock, an outdoor theater screen, a restaurant and several farm buildings in widely separated areas at different times during the afternoon and early evening. Hail caused scattered damage to tobacco in fields.						
Beaufort, Burke, Catawba, Northampton, Pitt, Rockingham, Rowan Counties	22	10a-2p			1	3	5	4	Wind, Hail, Electrical
			Thunderstorms several widely separated areas struck at different times. One home, a motel and several house trailers badly damaged. Three women in separate trailers hurt. Several roofs damaged, out-buildings destroyed. Power lines down. Man killed by lightning on golf course. Hail scattered over several areas caused some damage to tobacco in fields.						
Guilford County	27	morning			0	1	4	0	Wind
			Wind blew down masonry wall of building under construction, injuring one worker.						
NORTH DAKOTA									
Southern and Eastern halves of State	16-17						12	5	Ice storm, blizzard
			A low pressure system to the south produced this spring storm which began in western North Dakota Sunday morning and moved eastward across the state on Sunday and Monday. The storm began as light rain, changing to freezing rain and sleet, and finally to a blizzard with winds up to 63 miles per hour reported at Fargo. Close to 40 communities were without some telephone facilities and many also suffered power outages.						
			Many utility poles and crossarms were broken off by the freezing rain and miles of wires were downed. Most severe damage occurred south of Medora where half of the poles were down. Several antenna towers were blown over after being heavily iced. Estimates of damage to utility facilities were upwards of \$400,000. Telephone company losses were reported at \$254,000.						
			By Sunday traffic came to a stand still over the southern and eastern halves of the state with snow drifts up to 8 feet high reported in the northeastern part of the State. Snow fall amounts ranged from 12 inches at Beach, seven inches at Dickinson and Bismarck, three at Valley City and Devils Lake, six inches at Grand Forks and one at Fargo. The heavy wet snow which froze the next day created serious disposal problems.						
			A number of automobile accidents were reported but the number of injuries was small. Eight persons were injured in a two-car crash at St. Anthony. Many unreported parties turned up safely and no deaths attributable to the storm were reported.						
			Some newly-born calves were lost although the total loss was light. With calving at its peak much heavier losses were expected.						
			Lightning caused a house fire at Hillsboro.						
			The most favorable aspect of the storm was that it left over one inch of moisture at a time when moisture was most needed.						
All of State except southeast corner	4/29	5/2			3	10	6		Ice storm, blizzard
			The storm, one of the worst for this late in the spring, began in the southwest early in the morning of April 29 with light rain turning into sleet, and finally became a blizzard with winds up to 70 m.p.h., which were reported at Dickinson. Snowfall continued into Tuesday, May 2. Snowfall depths to 15 inches were reported with greatest depths across the state from southwest to northeast.						
			As occurred earlier in the month the utility companies suffered severe losses with greater damage due to the greater areal coverage the longer duration, and greater severity of this storm. Heavy high-power electrical towers and an 800 foot television tower at St. Anthony that withstood the earlier storm, were downed by the ice and wind. Roofs of buildings were peeled off and trailers overturned. Losses were estimated at well over \$500,000 with the telephone company estimating near \$500,000 of that amount. Over 400 power lines were down in the Bismarck-Dickinson area.						
			Traffic came to a stand still several hours after the blizzard began and rock-hard drifts up to 12 feet high presented a formidable barrier. Many travelers were forced to abandon their automobiles and although a number of persons were unreported all were finally located, safe and sound.						
			Over 50 communities were without electrical power or telephone service. Some had neither. Many communities were in the midst of cleaning up after the April 16 storm only to see their recent repairs again knocked out.						
			Stock losses were light due to early warnings to stockmen. Stockmen had sufficient time to make preparations and protect the animals. Upland birds and ducks suffered heavy losses in some areas.						

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					KILLED	INJURED	PROPERTY	CROPS		
NORTH DAKOTA (Cont'd.)										
										storm set or tied some records for low temperatures so late in the season. Bismarck's 17 degrees tied the May 2 record of 1907, and Langdon's 8 degrees set an all-time record for that day.
										Two airmen from Grand Forks Air Force Base drowned when the car in which they were passengers slid off the road into the Forest River south of Grafton. An elderly farmer collapsed while driving cattle to shelter.
										Severe electrical storms accompanied the storm in many areas and lightning struck a radio tower at Devils Lake. Schools were closed on Monday over much of the storm area. Governor Guy declared a State of Emergency on Sunday afternoon.
OHIO										
Tiffin, Seneca County and Akron Area, Summit County	6	9:13a and 10:15p								Hail and Rain
										Marble to golf ball size hail was reported in Tiffin. Ping-pong ball size hail fell in the Akron area. Up to 0.7 inch of rain was reported from the scattered thundershowers in northern Ohio.
Entire State	22	All day								Wind
										Wind speeds averaged 18 to 22 mph for the day. Afternoon gusts up to 50 mph downed trees, damaged roofs and utility lines, broke windows and made it difficult to walk.
OKLAHOMA										
Frederick area, Tillman County	9	Mid-afternoon			0	1	4	0		Electrical and wind
										Two men were struck by lightning in a field west of Frederick. Both were knocked unconscious and the man who had been working on a tractor when struck received burns to the head, body, and right arm. The heavy thunderstorms moving 30 MPH northeastward across the area caused straight wind damage. The wind lifted a 12 x 115 foot roof from the west side of the Frederick Country Club and the 2 to 2 1/2 inches of reported rain damaged floors, carpets, and furniture in the ballroom and lounge. The roof debris destroyed one automobile parked near the club. The wind also toppled a huge grain elevator leg which fell across power lines and crushed a nearby quonset building.
Tipton, near, Tillman County	9	3:10p.- 3:35p.	1/2	300	0	0	4	0		Tornado
										A small tornado touched down about 3:20 PM on a farm 4 miles south-southeast of Tipton and moved northeastward across a wheat farm destroying one barn.
Lawton, Comanche County	9	4:00p.- 4:30p.					4	0		Wind
										Straight winds during a heavy thunderstorm in the Lawton area furnished west winds of 48 MPH with gusts of 74 MPH reported at Fort Sill at 4:11 PM. A part of the roof was ripped from a Lawton department store, large trees were uprooted, utility lines were broken and traffic signals downed at two intersections.
Claremore, Rogers County	9	4:46p.					0	0		Funnel aloft
										Citizens of Claremore sighted a funnel aloft briefly just northeast of the City.
Southern Craig County	9	5:00p.- 5:45p.	?	?	0	0	3	3		Hail
										Hail near 3/4-inch size pelted the southern part of Craig County along a northeast path which apparently passed to the south of Vinita. The hail was driven by high winds and covered about one-third of the ground at Vinita where some automobile windows were broken and trees and shrubs damaged.
Catoosa-Claremore area, Rogers County	9	6:28p.	12	Narrow	0	0	0	0		Tornado
										The Claremore Police Department sighted a tornado on the ground just north of Catoosa at 6:28 PM in open country. It moved northward to the north of Claremore and lifted back into the clouds just east of the City. It moved through open country and no damage was reported.
Claremore, near, Rogers County	9	6:52p.	Short	Narrow	0	0	0	0		Tornado
										The Claremore Police Department sighted a tornado on the ground in open fields six miles south of the City. It was moving towards the northeast at about 10 MPH. No damage was reported.
Oklmulgee, Muskogee, and Wagoner Counties	9	7:00p.- 8:30p.	60	*5-15	0	0	4	0		Wind, 2 Tornadoes
										Severe thunderstorms moved northeastward across the south side of Okmulgee and into the Muskogee-Wagoner area causing scattered wind damage. Trees and antennas were downed on the south side of Okmulgee and one tree crushed an automobile. One resident living a quarter mile south of the City limits saw a small tornado touch down at 7:00 PM. It unroofed one outbuilding and blew down another, while a camper parked close by was untouched. A second small tornado was sighted on the ground ten miles southwest of Muskogee where a barn and garage were unroofed. Heaviest wind damage occurred in the Forter-Wagoner area. Plate glass windows were knocked out, roofs damaged, trees limbs downed, garages blown over, and a 60-foot house trailer toppled.
OKLAHOMA (Cont'd.)										
Geary, Elaine County	11	11:50p.- Midnight	1 1/2	Narrow	0	0	4	0		Tornado
										A very strong thunderstorm moved northeastward across the north-west part of Geary. The damage path and scattered debris indicated that a tornado had touched to the ground several times. It ripped several sections of steel channel roofing from the southwest wing of a 40-bed nursing home, damaged the panel ceilings, and pulled roofing from much of the remaining roof. None of the patients were hurt. The tornado popped out windows of two automobiles in the parking lot and also windows of a home two hundred yards away. One barn was demolished.
South-Central Oklahoma	12-13	All Day, 12th-7:00a., 13th	180	*40	0	1	4	3		Tornado, rain, and wind
										A squall line of heavy thunderstorms moved eastward across south-central Oklahoma causing damaging winds from Walters to the Velma area. A small tornado at the northwest part of Walters about 1:45 AM on the 12th damaged a few homes, 2 business buildings, blew down a cement block wall at the FFA livestock pens, damaged a lumber yard and knocked a storage house off its foundation, and then lifted. It is believed to have touched down briefly again 7 miles east-northeast at a farm home where the roof was exploded off and wall damage was extensive. Some buildings were also damaged at Velma. Heavy winds of 4 to 8 inches fell across 11 south-central counties from Cotton to Pushmataha County. Greatest total of 8.08 inches fell in the Ardmore area where flash flooding occurred along some creeks and tributaries with minor flooding in a few lower residential areas. The inundation of some highways occurred mostly on the 12th while S.H. 12 west of Davis was flooded until April 14. Wind gusts up to 52 MPH were recorded at the Ardmore Airport at 3:30 AM on the 13th. High winds also hit Marshall and Bryan Counties. One lady was injured when her trailer home was blown over near Albany. Other damage included fallen trees, three damaged barns, a porch, a service station, downed TV antennas, and a damaged power line.
Pottawatomie, Seminole, Hughes, Okfuskee, McIntosh, and Okmulgee Counties	12-13	All Day, 12th-9:00p., 13th	60	*40	0	0	3	0		Rain
										Heavy rains of 4 to 8 inches pelted the area with greatest of 8.00 inches at Holdenville where 6.20 inches fell in a 24-hour period. The downpour helped fill ponds and lakes and caused several families to be evacuated from their homes when Okmulgee Creek overran its banks in the north-central part of the City about 11:00 PM on the 12th.
Western Osage County	12	2:30a.	**400	40-65	0	0	4	0		Tornado
										A tornado damaged a farmstead 5.5 miles east of Ponca City in Osage County. The narrow path uprooted 20 peach, apple and cherry trees and badly damaged several others. It then downed a huge elm tree in the barn yard where a threshing machine was badly damaged and turned over. The end was ripped out of a barn and a shed demolished before the path ended in an open field. Debris was carried 3/4 of a mile towards the Arkansas River.
Southeast Oklahoma City, Oklahoma County	12	About 4:15a.					0	0		Electrical
										A lightning bolt struck an oil company building and the resulting fire destroyed the structure and its contents.
McCurain County	12	5:45p.- 6:15p.	25	50-100	0	0	4	4		Tornado
										A single damage path well marked by broken, twisted and stream trees showed that a tornado first touched down at the north edge of the Red River where a barn was demolished. The hop-skip path continued due north damaging timber. Most of the damage occurred from the Farmers Hill community to the northeast side of Millerton and consisted of one trailer home blown over, one home and seven outbuildings demolished. The last timber damage was sighted 9 miles north of Wright City.
Beckham County	12	Near Midnight	?	?	0	0	4	0		Wind
										High winds accompanied heavy thunderstorms which moved eastward across the area. The wind demolished three sheds, a workshop and a 50-foot TV antenna on two farms 2 miles south of Merritt. Elk City police said that wind damage there was confined to porches, plate glass windows, and trees. Wind damage at Sayre included the destruction of a large barn, some fence, and the windshield of a nearby car.
Major, Alfalfa, and Garfield Counties	13	1:30a.- 3:00a.					0	0		Wind
										Damaging straight winds accompanied a line of heavy thunderstorms which moved eastward across the area. Damage at Fairview about 1:30 AM included two garages destroyed and many damaged, one trailer home burned over and several damaged, many TV antennas and roofs damaged, one display window blown out, and flying debris damaged paint and windows of automobiles on a car storage lot.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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 (Cont'd.)									
Mill Creek, Johnston County	13	3:50a.	1 1/2	100	0	0	3	0	Funnel aloft and wind
Grady, Canadian, Oklahoma, and Cleveland Counties	16	6:00p.-7:35p.	60	*10-25	0	0	?	?	Hail and funnel aloft
Blackwell, Kay County	16	6:45p.	2 1/2	*1/2	0	0	0	0	Hail and funnel aloft
Henryetta area, Okfuskee County	16-17	8:00p., 16th-2:00a., 17th	6	*6	0	0	4	0	Wind and hail
Pottawatomie, Seminole, Hughes, and Okfuskee Counties	16	8:20p.-10:20p.			0	3	5	0	Hail, tornado, and funnels aloft
Stigler, Haskell County	16	11:00p.-11:45p.	12	*5	0	0	4	0	Hail
Oklahoma City, Oklahoma County	19	Morning			0	1	2	0	Electrical
Kingfisher County	19	During day			0	1	0	0	Electrical
Ardmore, Carter County	20	2:00a.	?	?	0	0	0	0	Hail and rain
Comanche, near, Stephens County	20	11:05a.	?	?	0	0	0	0	Hail
Southeast Lincoln County	20	1:30p.							Funnel aloft
Cyril area, Caddo County	20	1:40p.	1	100-300	0	0	0	0	Tornado
Tulsa, Tulsa County	20	2:00p.-2:10p.	?	?	0	0	0	0	Hail
Blanchard, McClain County	20	About 3:00p.							Funnel aloft.
Madill, Marshall County	20	About 3:45p.	?	?	0	0	0	0	Hail
Wilburton, near, Latimer County	20	9:15p.							Funnel aloft
Pittsburg County	21	7:35p.							Funnels aloft
Bengal, Latimer County	22	About 3:00p.	Short	Narrow	0	0	0	0	Hail
Pitcher, Ottawa County	23	5:05a.	?	?	0	0	0	0	Hail
Northeast Ottawa County	25	12:30p.-12:50p.	8	*1	0	0	?	?	Hail

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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 (Cont'd.) Red Oak, Latimer County	25	1:15p.-1:45p., 2:45p.	15	*1-2	0	0	3	0	Hail
									A hailstorm moved east-northeastward across the Red Oak area at 1:25 PM and ended in the Norris community. The duration of hail fall was from five to ten minutes which covered the ground in places. Stones averaged 1/2-inch size but most locations received largest stones of 1 1/2- to 2-inch size. Hail up to 1/2-inch size was again reported in the Red Oak area about 2:45 PM.
Heavener, LeFlore County	25	About 1:45p.	Short	Narrow	0	0	0	0	Hail
									Some hail of 1/2- to 1-inch size fell in the area about one mile south of Heavener. No damage was reported.
Adair County	25	2:30p., 6:00p.			0	0	1	4	Hail
									Scattered hail fell in the county during two different storms with largest stones up to 1 1/2-inch size. Strawberries were the main crop damaged with reports indicating damage in the Stilwell area and the communities of Titanic, Christie, and Peavine.
Broken Bow area, McCurtain County	28	4:05p.	Short	Narrow	0	0	0	0	Tornado
									An Oklahoma State Patrol Trooper sighted a tornado on the ground briefly 5 miles southwest of Broken Bow. It moved northeastward at 30 MPH and caused no reported damage.
Guymon, Texas County	30	10:00a.-Noon			0	0	0	0	Wind
									Blowing dust in the Guymon area was assisted by winds of 35 to 40 MPH out of the southwest and gusting to 55 MPH.
Pittsburg County	30	2:00p.-2:55p.	15	*3/4-4	0	0	3	1	Hail and funnel aloft
									A broken line of thunderstorms associated with a cold front moved eastward across the county with the most severe thunderstorm moving at 30 MPH toward the east-northeast from Stuart across Lake McAlester and into the Quinton area. Hail generally fell along a 15-mile path extending from 2 miles northeast of Arpelar to the Cardinal Point area of Lake Eufaula, 8 miles north-northeast of McAlester. Stones up to 1-inch size were observed along much of the path. The largest hail up to 2 5/8-inch size was observed along a 3/4- by 2 1/2-mile path which extended from Bug Tussle Village at the southern tip of Lake McAlester toward the east. The ground was mostly covered by this intense hail between 2:15 PM and 2:20 PM. Damage was indicated to automobiles, roofs, badly shredded trees and gardens. A funnel aloft was watched by Civil Defense storm observers for several minutes about 2:30 PM as it moved eastward above U.S. 69B about 3.2 miles north-northeast of the city limits. The funnel extended down to within about 1000 feet of the ground before pulling back into the cloud base.
OREGON Central Oregon	17				0	few	4	3	Snow
									Heaviest snowfall of record this late in year over wide area in Central Oregon Plateau. 24-hour total 6-10 inches recorded at number of places in Plateau area, with considerably heavier fall in mountains. Damage mostly confined to traffic accidents, downed power lines, some leafed-out shrubs and trees broken down.
PACIFIC AREA PENNSYLVANIA Cambridge Springs	5	Morning					4		Thunderstorm
									Lightning fired a home which burned to the ground resulting in \$15,000. loss.
Butler	7	1:20 A.M.					3		Thunderstorm
									Fire resulting from lightning caused \$2500. damage to a home near Butler.
Churchtown	7	1:05 A.M.					4		Thunderstorm
									Lightning fired a home causing damage estimated at \$15,000.
Donora	9	1:10 P.M.					3		Lightning
									A bolt of lightning damaged the inside of a home to the extent of \$2500. even though there was no fire.
State-wide	22	afternoon			2		5		Wind
									Strong winds reaching 50 to 60 mph toppled many trees, utility lines, outdoor signboards, TV antennas. A trailer truck was overturned in Lock Haven by a strong wind gust. A number of the downed trees fell on automobiles resulting in extensive damage. In Scranton a large tree pinned and seriously injured a 12-year-old boy when it fell to the ground. Near Chambersburg a roof blew off a house & struck a man on the head and shoulder.
PUERTO RICO									None reported
RHODE ISLAND North Providence, Providence Co.	10	1:15 p			0	0	4	0	Wind
									High wind with gusts probably in excess of 50 mph accompanying a brief thunderstorm contributed in leveling the partly completed wall of a high school gymnasium.
Statewide	27-28	Evening-Afternoon			0	1	5	0	Wind
									Gale force winds which reached gusts of 59 mph at Providence and an unofficial 70 mph at Elbeek Island angled sections of a bridge construction project between Newport and Jamestown when two loaded barges broke from their moorings and smashed into the construction site. Three sailboats were sunk in the vicinity of Warwick and East Greenwich. In the interior, poles, signs and trees were felled and power shortages were common. One sign damaged four automobiles and damage to patios and plate glass windows was extensive. One construction workman was injured when a large falling sign hit him on the head. Forest and brush fires in North Smithfield, Charlestown, Westerly, Warwick and Hopkinton were most difficult to control because of the sustained force of the wind.
SOUTH CAROLINA Kershaw County	7	3:20 p.	2	900	0	0	3	0	Small tornado, wind, rain, hail
									A 1/2 mile wide path of selective wind damage to trees began 2 miles NW of Westville and ended at Westville. Mostly straight line damage to trees, sheds, roofs and chimneys. Some evidence of twisting damage and the loud roaring noise with very black sky which was reported indicate that a small tornado touched down briefly during the general storm.
Hampton County	26	8:00 - 9:00 p.			0	0	3	0	Wind, rain
									High winds did widespread damage to trees in the town of Hampton. Two mobile homes were badly damaged and a service station was demolished when struck by a falling tree.
Collaton County	26	8:30 - 9:30 p.			0	0	3	0	Wind, rain
									High winds caused tree damage in Walterboro and several farm buildings a little east of Walterboro were damaged or demolished.
SOUTH DAKOTA Conde 1 1/2 S	16	3:15 P	?	?	0	0	0	0	Tornado
									Tornado touched down in open country moving NE with no damage reported.
Andover 10 S	16	4:20 P	?	?	0	0	0	0	Tornado
									Tornado touched down in open country moving NE with no reported damage.
Turton 4 1/2 W	16	4:25 P	?	?	0	0	4	0	Tornado
									Tornado moving NE damaged buildings on two farms.
Lake Poinsett, Hamlin County	16	5:00-5:15 P	**170	7	0	11	3	0	Tornado
									Tornado apparently formed over the lake, moved from SE to NW to the northern shore, then made a loop and moved from NW to SE. Two trailer houses and small buildings were damaged. The injured were in a trailer house which was turned over on one side and a short time later, it was picked up and turned over on the other side.
NRN Spink County	16	4:45-5:15 P	20	*6	0	0	3	0	Hail
									Hail from 1/4 to 1 3/4 inch. Storm moved from SW to NE. Damage limited mostly to roofs and windows.
WRN Potter County	16	PM	?	?	0	0	3	4	Hail
									Hail caused extensive damage to small grain and some loss to livestock.
3 N Garden City	16	5:30-5:45 P	3	*1/2	0	0	3	0	Tornado
									Tornado passed over mostly open country but damaged a few farm buildings.
Mitchell 10 NE	30	3:15 P	?	?	0	0	0	0	Tornado
									Tornado touched down in open country moving NW with no reported damage.
Most of State	30	Late							Blizzard
									Blizzard conditions spread over most of state by late in day and continued into next day. More details will be given in May issue.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

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					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE									
Obion County	13	8:30 p.m.			0	0	4	0	Wind
									Strong, gusty surface winds accompanying scattered thunderstorms caused minor property damage at Union City, Troy and Obion.
Knox, Hamblen and Greene Counties	17	3:20 p.m.			0	0	4	0	Wind
									High winds with a line of thunderstorms moved through the area causing scattered wind damage from Morristown to Greeneville. Damage to several barns, powerlines, trees and gymnasium roof of South Greene High School.
Only, Hickman County	21	3:45 p.m.							Funnel cloud aloft
									Unconfirmed report of funnel cloud. Hailstones up to 1-inch in diameter fell over a small area, with little or no apparent damage.
Greene and Washington Counties	22	8:05 a.m.			0	0	5	0	Tornado
									Tornado followed skipping path from near Greeneville to vicinity of Johnson City. Scattered damage to houses, roofs, trees and windows. About eight miles from Chuckey, in Liberty Hill section of Greene County, two farms were extensively damaged. The tornado traveling northeastward destroyed three barns, a house trailer, trees and damaged several houses. Property damage in the Liberty Hill area was estimated at \$100,000. Tornado path through Liberty Hill was approximately 1500 yards long and 250 yards wide. Mostly minor damage to trees, shingles and antennas in Johnson City area as tornado probably remained aloft.
Davidson County	23	a.m.			0	0	0	0	Hail, thunderstorm
									No damage reported in thunderstorm and hail occurrence.
Union City Obion County	23	11:00 a.							Funnel cloud aloft
Crossville Cumberland County	23	4:17 p.m.							Funnel cloud aloft
									Commercial pilot sighted funnel cloud 3 miles east of Crossville.
Crossville Cumberland County	23	6:30 p.m.			0	0	4	0	Lightning
									Lightning probably cause of fire to house.
Rockwood Roane County	23	6:55 p.m.							Funnel cloud aloft
									U. S. Forest Service reported funnel cloud near Rockwood.
Bartlett, Memphis and Collierville Shelby County	23	8:00-8:45 p.m.	Short Narrow		0	2	5	0	Tornado (2)
									A small but fast-moving tornado first touched ground briefly at Bartlett, 13 miles northeast of Memphis Metropolitan Airport. Storm lifted and lowered again inside City limits of East Memphis. Moving in a south-southeast direction, the tornado was on the southern edge of one or more large thunderstorms which occurred almost simultaneously with the passage of a cold front. The tornado caused extensive local damage to buildings, roofs, utility poles and trees. Two persons in Memphis were injured when a house roof smashed into their car. Hail to 1/2 inches in diameter was reported along the path, with a few reports of the largest stones measuring 3.0 inches in diameter. Another tornado, southeast of Memphis, along the Tennessee-Mississippi border is suspected to have lowered to near ground momentarily and then lifted. Apparently the same storm that passed Memphis, the tornado caused damage to roofs and farm buildings. Witnesses reported that they did not see the funnel but heard a loud roar for about 30 seconds.
Chattanooga Bradley County	23	9:00 p.m.	?	?	0	0	4	0	Hail
									Scattered hail damage was reported from heavy thunderstorm moving eastward across the area. Hail varied from 1/4 to 1/2 inches in diameter. Number of small fires set off by broken neon signs.
Franklin Williamson County	23	10:45 p.m.			0	0	4	0	Wind, lightning
									Scattered damage to utilities when strong wind and lightning felled trees and limbs in parts of City.
Bristol Sullivan County	23	11:30 p.m.	?	?	0	0	?	0	Hail
									Hail up to 1-inch in diameter was reported to have fallen in scattered parts of City. No damage reported.
Oneida, (near) Scott County	24	1:20 a.m.			0	0	4	0	Wind
									A damaging windstorm of near tornado strength destroyed a barn, damaged two houses and several large trees.
TEXAS									
3N Vernon Wilbarger Co.	9	3:00 p-3:10 p	1/4	300	0	0	3	?	Tornado
									A tornado destroyed one barn on the R. S. White farm in the Wildcat community about three miles north of Vernon. The barn roof was blown 300 yards east of its location with some debris to the north and to the south. A substantially constructed barn on the A. K. Coker Farm, one-eighth mile east of the White farm was blown away without leaving any debris in the area.
Near Hereford Deaf Smith Co.	11	5:25 p							Two funnels aloft
TEXAS (Cont'd.)									
W Amarillo Potter Co.	11	6:08 p							Funnel aloft
Franklin and Morris counties	11-26						4	0	Flooding
									Periods of heavy showers April 11th through April 26th resulted in flooding of the Sulphur River in the vicinity of Naples. Two to three inches of rain fell April 11th; two to three inches on the 13th and 14th; about one inch on the 18th; one to two inches on the 21st and 22nd, and three to four inches on the 26th. An estimated 50,000 acres of pasture-land was inundated resulting in damage estimated at \$20,000.
18SE Paducah Cottle Co.	12	1:30 p	?	?	0	0	0	0	Tornado
									Tornado touched ground briefly about 18 miles southeast of Paducah. It did not cause any known damage.
W Crowell Foard Co.	12	3:30 p							Funnel aloft reported just west of Crowell.
Denton Denton Co.	12	6:00 p-8:00 p	7	*1	0	0	5	0	Windstorm
									A violent windstorm snapped off a light tower at the North Texas State University stadium and caused additional property damage in Denton. The tower was 11 inches in diameter at the spot where it broke, 50 feet above ground. The front of Wimpy's Cafe, 1300 W. Hickory, was damaged by the wind, and a sign was blown down at the A & P store on West Oak. Several street light poles were bent in the direction of the storm movement, which was east. Total property damage was estimated at \$70,000, of which \$60,000 was for the light tower.
Littlefield Lamb Co.	12	7:00 p	5	33	0	0	3	0	Tornado, wind-storm
									A tornado bounced across Littlefield causing minor damage to two churches, two supermarkets and another store, uprooted trees and battered down utility poles in the northern part of the city. The storm continued northeastward and badly damaged a sheet metal farm building five miles from Littlefield. Within the city heaviest damage was at Walker's Trading Post on Delano Street where the tornado dived in the front of the building, scattering debris for one-half mile. The roof of the First Methodist Church was heavily damaged. Witnesses described the noise of the funnel as being similar to that of a freight train. In addition to the tornado, a windstorm overturned 19 cotton trailers at the Embury Gin, six miles north of Littlefield. Several cotton trailers were destroyed. Property damage from the tornado was estimated at \$2000.
Mitchell and Scurry counties	12	10:00 p-10:30 p	short narrow		0	0	3	0	Tornado
									Tornado touched ground briefly in the China Grove area on the Mitchell-Scurry county line. Property damage was estimated at \$1000.
Rotan Fisher Co.	12	10:40 p-10:50 p	**600	200	0	0	4	0	Tornado
									A tornado cut diagonally across six city blocks in Rotan demolishing a sheet steel cotton warehouse, an abandoned grain elevator, and several small buildings and sheds. Some other buildings and residences suffered roof and window damage. Bales of cotton, stored at the warehouse, were hunched by the tornadoic winds. Property damage was estimated at \$50,000.
Cleburne Johnson Co.	12	11:00 p	?	?	0	0	4	0	Windstorm
									Thunderstorm winds caused extensive damage to a new building under construction for Walls Manufacturing Company at 1935 N. Main Street in Cleburne. The center wall, 183 feet long, was flattened, as was the rear wall on the west end of the building, which was 130 feet long and 20 feet high. The north wall of a large sheet metal building occupied by the Cleburne Poultry and Egg Company was blown out by the wind. Large trees limbs were lying in the street all over the city. Total property damage was estimated at \$12,000.
Sylvester Fisher Co.	12	night	short narrow		0	0	3	0	Tornado
									A tornado dipped down briefly into the center of the small town of Sylvester taking the back roof off the Sylvester Mercantile Store. The tornado "rolled up" part of the aluminum covering on the Post Office building and overturned three barns.
Ballinger Runnels Co.	12	night	**200	short	0	0	3	0	Tornado
									A small tornado ripped into the north side of Ballinger causing moderate damage to three buildings. Most extensive damage was to the Ballinger Farm Equipment Company building. An aluminum building owned by Mr. Vance Harms was sucked up by the tornado and dropped about two city blocks to the southeast. The building which housed a barbecue stand was demolished. Meat cooking in the pit inside the building during the storm was not damaged. Chickens in a coop about 20 yards from the barbecue stand were unharmed. A grocery and service station adjacent to the barbecue stand was not damaged.
El Paso El Paso Co.	12-13				0	1	4	3	Windstorm
									High winds smashed through El Paso on the heels of a cold front, toppling a wall on a 15-year-old girl and seriously injuring her. A number of large trees were blown over, a few large windows broken, and several roofs were damaged as parts of them were blown away. Sand, picked up by the high winds blasted automobile windshields and finishes. Wind gusts at the Weather Bureau Airport Station reached 66 miles per hour on the 12th and 74 miles per hour on the 13th. Property damage was estimated at \$50,000. Cotton crops in the area suffered minor damage from sandblasting.

See reference notes at end of table.

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APRIL 1967

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.)									
Mineral Wells Palo Pinto Co.	13	2:00 a	3	*1 1/2	0	0	5	0	Windstorm
A severe windstorm struck the Fort Wolters' Downing Army Heliport located at the Mineral Wells Municipal Airport causing an estimated \$500,000 damage. One hundred and ninety one TH5A helicopters were damaged by winds measured at 60 miles per hour. One hundred and six of the craft sustained major damage. Three private airplanes parked at the airport were damaged.									
Near Belton Bell Co.	13	2:30 a	5	narrow	0	0	3	0	Tornado
A tornado caused moderate damage to property along a five mile path from Lake Road to Highway 190 near Belton. At the Tom Cochran farm the tornado took the porch off the front of the Cochran home and the porch and part of the roof from a bunk house. Fences were heavily damaged. A 2,000-pound horse trailer was picked up and turned around. Additional damage occurred at the H. E. Leavette and George Nobre farms.									
Near Belton	13	2:35 a	short	narrow	0	0	3	0	Tornado
A tornado swooped down near Belton damaging two homes. One house was plucked from its foundation and deposited in a nearby road.									
Mesquite Dallas Co.	13	4:00 a	**800	100	0	0	4	0	Windstorm
Severe thunderstorm winds blasted an eight block area of the Edgemont Addition in the southwestern section of Mesquite causing damage to roofs, windows, and television antennae. The damaged homes were in a straight line from Hickory Tree Road to Avis Street. The heaviest damage was in the 1900 blocks of the eight streets.									
Near De Soto Dallas Co.	13	4:20 a			0	0	4	0	Lightning
Fire caused by lightning severely damaged the J. B. Worley Sr. home on South Hampton Road near De Soto. Damage was estimated at over \$10,000.									
Near Tyler Smith Co.	13	7:00 a- 7:30 a	15	narrow	0	0	4	0	Tornado
A tornado cut a narrow path about 1 1/2 miles long through a sparsely settled portion of Smith County south and east of Tyler. The storm began in the Flint-Gresham area about 10 miles south of Tyler and moved northeastward to about six miles east of Tyler. The tornado unroofed a portion of one house, knocked over a small church steeple, demolished several small outbuildings and uprooted large trees. Property damage was estimated at \$10,000 along the Tyler Lake Road.									
SSW Canton Van Zandt Co.	13	morning	6	100	0	0	3	0	Tornado
A tornado destroyed a shed on the Douglas Brown farm located five miles southwest of Canton on Highway 243. The roof of the Brown home and a fence were damaged. Two poles, the side of left poles, their bases buried three feet deep in the ground were uprooted and tossed over the barn into a pasture. A wooden fence surrounding the house was damaged. Two family automobiles parked in the driveway of the home were not damaged. Chairs on the patio, located on the opposite side of the house from the barn, were left upright and untouched by the storm. Property damage was estimated at \$800.									
Spurger Tyler Co.	13	4:00 p	4	*1/2	0	0	2	0	Tornado
A tornado cut a path across a forested area near Spurger. Damage to the timber was estimated at \$500.									
2W Oakwood Leon Co.	13	5:00 p	5	300	0	0	4	0	Tornado
A tornado skipped and bounced along a five mile path across the Fred Hale ranch near Oakwood. Eight buildings, including two residences, and three feeder buildings were heavily damaged or destroyed. Several trees were uprooted or broken down. Metal roofing and timbers were scattered over the entire 1900 acre ranch. Some pieces were carried 700 feet by the winds. Property damage was estimated at \$50,000.									
Sourlake Hardin Co.	13	afternoon							Funnel aloft
The funnel cloud moved from southwest to northeast.									
10SW Childress Childress Co.	13	10:30 p- 11:30 p	?	?	0	0	4	0	Windstorm
Thunderstorm winds destroyed the High Point community building 10 miles southwest of Childress. The building once housed the High Point school and was of brick construction. Several utility poles in the area were blown down.									
12NW Galveston	18	1:45 p							Funnel aloft
Munday Knox Co.	19	7:05 p- 7:45 p	15	*4	0	0	6	5	Hailstorm, wind
A severe hailstorm struck the Munday-Goree area of Knox County causing an estimated \$1,000,000 damage to property and \$500,000 damage to crops. Hailstones averaged one inch in diameter with the largest stones 1 3/4 inches in diameter. Heaviest property damage was in Munday. Strong winds blew out windows in the junior high and elementary schools. In places, hail completely covered the ground, and stones were piled six inches deep. Files of hailstones drifted by the rain were two to three feet deep. At least 350 acres of potatoes and onions were totally lost to the hail. Wheat, tomatoes, and fruit were damaged also. The business section of Munday was flooded by 1.43 inches of rain that fell during the storm.									
E Munday Knox Co.	19	7:09 p							Funnel aloft
Near Ravenna Fannin Co.	20	5:05 p- 5:30 p	2	*1/2	0	0	4	?	Windstorm, hail
A windstorm caused an estimated \$20,000 damage to rural property along a narrow strip west and south of Ravenna. A number of barns in the area were destroyed. Hail, averaging 1/2 inch in diameter caused an additional \$1000 damage. Heavy rain accompanied the storm.									
TEXAS (Cont'd.)									
Possum Kingdom Lake Palo Pinto Co.	20	5:30 p- 6:00 p	5	*2	0	0	?	?	Hailstorm
A hailstorm caused considerable damage to the Rock Creek Camp area of Possum Kingdom Lake. A comparatively small area was hit by massive hail, much of it falling in ice chunks; rather than round balls. Hail from small to grapefruit size fell in many areas. Ice chunks up to eight inches in diameter were reported in one area of Rock Creek, where there was damage to virtually every home and cabin. A Mrs. Tucker at Rock Creek Camp reported "slabs" of ice, eight inches in diameter, punched large holes in the roof of her house.									
Near Springtown Parker Co.	20	6:45 p	1/2	100	0	0	3	?	Tornado, hail
A tornado caused an estimated \$2000 damage to property along a one-quarter mile path one-half mile west of Springtown. A hailstorm, with stones averaging one inch in diameter, accompanied the tornado.									
Fort Worth and Tarrant Co.	20	7:00 p- 10:00 p	?	?	0	1	6	?	Wind and hailstorm
A series of violent thunderstorms battered Fort Worth and large sections of Tarrant County with hail and high winds causing damage estimated at "hundreds of thousands" of dollars. In Fort Worth, heaviest damage occurred east and southeast of the downtown area. WBAP-TV measured winds up to 85 miles per hour in the Meadowbrook area east of downtown. Drive-in theatre screens at 1701 Riverside Drive, and at 2100 Bonar Street were blown down. High winds knocked over trees, tore down power lines and pushed in many sections of the city. Dozens of motorists were trapped as high water flooded low crossings. Policemen waded the swift-running water to pull them from their stalled cars. In Arlington, Katherine Hollenbeck received a gash on one arm when her parents' trailer house was tipped over by the winds. In Kennedale, near Broadway and Highway 287, three houses and three garages were unroofed, and 15 trees felled. In Tarrant County, Commissioner's Precinct 4 was hardest hit by the storms. Hailstones up to baseball size fell in the Dido Community on the east side of Eagle Mountain Lake.									
Azle Parker Co.	20	8:10 p	short	narrow	0	0	?	?	Tornado
A tornado caused minor damage to roofs, windows and signs, and considerable damage to trees in Azle. The tornado was first sighted near FM 1885.									
3N Munday Knox Co.	20	12:30 p	?	?	0	0	0	0	Tornado, two funnels aloft
A tornado struck in open country three miles north of Munday and did not cause any damage. Funnels aloft were observed six miles north of Munday and three miles north of Goree. They were moving northeastward. One funnel resembled a long whip; the other was much larger and almost cigar shaped.									
Red Springs Baylor Co.	20	12:50 p	?	?	0	0	?	?	Hailstorm
Hailstones up to 1 3/4 inches in diameter were reported falling during a hailstorm at Red Springs. The extent of hail damage, if any, is not known.									
Hamilton Co.	22	5:45 p- 6:00 p	12	*3	0	0	?	?	Hail and windstorm, two funnels aloft
Hail averaging 3/4 inch in diameter heavily damaged roofs and broke window panes of homes in a three-mile wide strip of Hamilton County extending from about 1 1/2 miles northwest to 10 miles southeast of Pottsville. Largest hailstones were 1 1/4 inches in diameter. Hail covered level ground to a depth of six inches in places and collected in drifts to depths of from two to four feet. Several barns and sheds in the area were either demolished or heavily damaged by high winds. Two funnel clouds aloft were sighted. The Century Mill community was hard hit by the wind and hail. Crops were beat into the ground and trees were defoliated by the intense hailstorm.									
Lake Brownwood Brown Co.	22	afternoon	?	?	0	0	?	?	Windstorm
A violent windstorm struck the Lake Brownwood area of Brown County causing extensive damage to lake shore facilities. Much of the destruction centered around McCartney Island where a barge was virtually destroyed as it was blown over and pounded against the rocks. In that immediate area, 11 docks were damaged by the wind. At Fishing Village, four trees were uprooted, and cabins suffered roof and window damage. A section of the roof of Shamrock Shores Lodge was blown away and a home trailer parked nearby was overturned. In the Thrifty area of Brown County at least one house was damaged, and trees were uprooted.									
Austin Travis Co.	23	10:00 a- 10:35 a	?	?	0	0	6	0	Hail and windstorm
A severe hail and windstorm moved across the northern part of Austin causing property damage estimated at more than \$1,200,000. Heaviest damage, mostly from hail, was in the northeastern section of the city extending from the Capital Plaza Shopping Center eastward through the University Hills addition. Hailstones 1 1/2 inches up to 3 inches in diameter were reported. Schools, churches, businesses, residences, and automobiles in the area suffered heavy window losses from the large hail. At Municipal Airport, 12 airplanes suffered minor damage from hail. Capital Plaza shopping center suffered considerable breakage of plate glass. Roof damage was heavy in the path of the storm. Two automobiles were overturned by the wind. The ESSA-Weather Bureau Airport Station measured hailstones 1 1/2 inches in diameter and wind gusts of 51 miles per hour during passage of the storm.									
Del Rio Val Verde Co.	26	8:35 a	?	?	0	0	?	?	Hailstorm
Hailstones averaging 3/4 inch in diameter fell at Del Rio. A few hailstones were from 1 1/2 to 2 inches in diameter.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
TEXAS (Cont'd.) Hidalgo Co.	26	8:00 p-9:00 p	28	?	0	0	4	0			Tornado
											An undetermined number of buildings, trees, and utility poles were blown down by a tornado of the Jaras Chinas Ranch 10 miles northwest of La Joya. What appeared to be the same storm continued in an east-northeastly direction to the Matias Pena farm 10 miles north of Edinburg where it damaged a large shed, a cedar tree, and a fence. Matias Pena Jr., who lives on the farm, said he heard "a loud noise" followed by "something like a ball of fire." All utilities to the Pena home were knocked out. Large sheets of tin were ripped from the roof of the shed and large boards forming the frame were twisted and splintered. Several small buildings, including a chicken coop located near the shed were untouched. All damage on the Pena farm was in a straight line.
Henderson Rusk Co.	29	4:25 p-5:00 p	?	?	0	0	?	0			Windstorm, funnel aloft
											Violent thunderstorm winds caused considerable damage over a half-mile area near the center of Henderson. The roof was torn off the back portion of the Forest Martin Food Store, and plate glass windows were blown out at the Wadel-Connally Auto Store and the DeLuxe Food Store. Trees were uprooted, and the cooling tower was blown off the top of the Nays and Harris building in the downtown area. A funnel cloud was observed over the city shortly before 5:00 p.m.
Lackey Ranch San Saba Co.	30	2:45 p	?	?	0	0	?	0			Hailstorm
											Hailstones up to 1 1/2 inches in diameter fell on the Lackey Ranch 65 miles northwest of Austin. The average size of the hailstones was 3/4 inch in diameter.
SW McKinney Collin Co.	30	4:00 p									Funnel aloft
Lake Rockwall Rockwall Co.	30	afternoon	?	?	0	3	3	0			Windstorm
											A windstorm struck at Lake Rockwall blowing over a trailer home. Mrs. Al Hagan and two of her children suffered minor injuries when the trailer home was rolled several times by the high winds.
UTAH Western Utah from Iron County northward to Cache and Box Elder Counties	5	Early morning			0	0	5	4			Wind
											General windstorm 60 to 75 mph over western Utah during early morning of April 5 did an estimated 100,000 dollars damage to homes, barns, trees, shrubs, walls, etc. In Cedar City a telephone booth was smashed, dust and sand several inches thick in places in homes. Two planes blown over and seriously damaged in Provo. Several hundred feet of theater wall blown down in Trem. Roofs blown off buildings. Hay and barns destroyed. Trees blown across power lines and automobiles in Cache County. Highest winds ever recorded at Dugway--93 miles per hour tying record at Salt Lake City Airport.
Western Utah, Iron County north through Weber and Davis Counties	15	Late afternoon and evening			0	0	5	0			Wind
											The second damaging windstorm within two weeks struck western Utah during the afternoon and evening of April 15. Winds again ripped off roofs, blew down walls and trees over many sections of western Utah. Greatest damage occurred in northern Utah County where winds blew over a 65 foot Ferris Wheel doing over 10,000 dollars damage.
VERMONT Southern	7				0	0	3	0			Glaze, lightning, snow
											Some glazing from freezing rain. Lightning and thunder activity in combination with storm which dropped mostly 1 to 8 inches of wet, heavy snow. Weight of snow snapped some tree branches with mostly minor damages.
State	10				0	0	3	0			Lightning, wind
											Scattered thunderstorms with locally high winds. Damage mostly confined to broken tree limbs.
State	18				0	0	0	0			Lightning, glaze
											Combinations of snow with a thunderstorm were common once again this month, though little or no damage resulted. Glazing from freezing rain or wet snow heavily weighted trees in some areas.
U. S. VIRGIN IS. VIRGINIA					None reported						
Oceana 23 N Norfolk County	8	11:55 a			0	0	0	0			Waterspout
Leesburg, Loudoun County	22	7:30 p			0	0	4	0			Wind
											Two huge walls of a store under construction in the Leesburg Plaza Shopping Center were blown down.
Edinburg, Mt. Jackson area, Shenandoah County	22	Evening			0	0	4	0			Wind
											Strong winds destroyed a silo near Mt. Jackson and damaged another west of Edinburg. Minor damage to utilities, trees and some houses was reported.
WASHINGTON					None reported						
WEST VIRGINIA											
Princetown Raleigh County, 10 miles SW of Beckley	17	8 p.m.	1	75-100	0	0	4	2			Tornado
											This small tornado damaged about four houses, several porches, some small outbuildings and two trailers. A dozen fruit trees were blown over and others broken.
Wheeling area	21	3 p.m.			0	0	3	0			Windstorm
											Main damage resulted from trees blown over onto power lines, particularly on hilltops in rural areas. Many power outages. Gusts to 65 miles per hour were recorded at Wheeling-Ohio County Airport.
WISCONSIN											
Northern Counties and Mississippi River Valley	1-15				0	0	6	0			Flooding
											Additional flood damage in northern Wisconsin and along the Mississippi and its tributaries.
South Half	14	PM			0	0	5	0			Wind
											Widespread wind damage to farm buildings, signs, plate glass windows, and an outdoor movie screen during strong gusty winds.
LaFayette, Green Counties	16	2:00 PM	25	500	0	0	6	0			Tornado
											A large tornado moving NE-ward from near South Wayne to east of Monticello destroyed or severely damaged 23 farms. Livestock losses extensive.
Southern Counties	16	PM			0	0	5	0			Wind, hail, rain funnels
											Severe thunderstorms with strong winds, heavy rain and large hail. Hail measured 5 inches in diameter at Shullsburg. Three light aircraft overturned at Kenosha. Several funnels aloft sighted. Locally severe soil erosion.
Southern Counties	21	4-5 PM			0	0	5	0			Wind, funnel
											Scattered wind damage along northern edge of destructive northern Illinois tornadoes. Lifting funnel observed at Genoa City in southern Walworth County.
Southern Counties	30	Evening			0	0	5	0			Hail, wind
											Scattered wind damage. 1 inch hail western areas.
WYOMING											
Veteran	12	Late p.	15	50	0	0	4	0			Tornado
											Tornado first seen one mile northwest of Veteran. Tornado destroyed outbuildings and haystacks on several farms as it moved northeastward then northward along a patch four miles west of Torrington.
Gillette 30 S	19	3:30 p.	?	?	0	0	2	0			Tornado
											Tornado destroyed a small shed on a ranch thirty miles south of Gillette.
Eastern Wyoming	29-30	Evening All day			0	0	*5	C			Heavy snowstorm
											Heavy snowstorm began early evening spreading over eastern Wyoming with strong winds. Considerable damage was done to power and phone lines. Highways were blocked with travel halted. Stockmen in the northeast quarter of the state lost stock, especially newborn calves and lambs.

* 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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