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1971

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Alabama Marion and Franklin Counties	4	7:45-8:30 p.m.	40	500-1000	1	14	5	4	Tornado
					Tornado touched down about 7 miles south of Hamilton on Highway 78, then moved northeast through Sugar Bend Community off Highway 278 damaging or demolishing about 20 houses, several barns and other buildings and injuring 5 persons. Tornado continued northeast in wooded or open country to Bear Creek Community where 35 homes were damaged or destroyed, a commercial building demolished, a school damaged, several house trailers demolished and hundreds of trees uprooted and 7 persons injured. Tornado continued on ground into Franklin County and the Dixie Community where several houses were damaged or demolished, 1 person killed and 1 injured. From Dixie Community cut wide path through woods for several miles.				
Colbert, Franklin, Lenoir, Lawrence, Limestone, Marion Counties	4	6p-mid	---	---	0	1	5	4	Rain, Wind
					Heavy rains and high winds occurring with a line of severe thunderstorms moving across the state caused scattered damage to houses, house trailers, barns and storage buildings, power and telephone lines and forest areas. Near Athens 2 house trailers overturned injuring 1 person. Several house trailers were demolished. Flash flooding in local areas. 90% of damage due to wind and 10% to rain.				
Birmingham and Homewood, Jefferson County	4	9p-mid	0	0	0	0	5	0	Rain, Wind
					Very heavy rains resulted in flash flooding of low streets affecting residential and commercial areas. High winds caused scattered damage to trees, power lines. 95% of damage due to rain and 5% to wind.				
Tallapoosa County	5	2 a.m.			0	0	4	0	Winds
					High winds demolished 2 small buildings, damaged 2 houses east of Tallapoosa.				
Baldwin County	7	Early morning			0	0	4	0	Electrical
					Lightning struck tree and killed 81 steers huddled under tree on the Clarke Farm 7 miles south of Foley.				
Cottonwood and Ashford, Houston County	7	2 a.m.			0	0	5	3	Hail
					Hail up to 2" in diameter broke windows and severely damaged roofs in the area. Hail covered ground for several hours.				
Wilmer and Kushla Communities, Mobile County	12	8:55 a.m.	1	30	0	0	4	0	Tornado
					Tornado touched down near Wilmer Community, demolished a barn, damaged 1 house and uprooted trees. Tornado apparently touched down briefly 10 miles to the east damaging a slaughterhouse and uprooting trees.				
North Alabama	21-22	10 p.m.-3 a.m.			0	0	6	4	Rain, Wind
					A line of severe thunderstorms moved across the state with wind damage to house trailers, barns, porches, storage buildings, trees and power lines in numerous localities. Heavy rains caused local flooding. 90% property damage due to winds, 10% to rain. All crop damage due to rain.				
Etowah, Greene County	26	11 a.m.	5	50	0	0	5	0	Tornado
					Tornado touched down near U.S. Highway 11, 3 miles southwest of Etowah, moved northeast across southern portion of Etowah and then lifted about 1 mile east of town. Eight houses were destroyed, 19 damaged, 2 house trailers demolished, 2 large warehouses and 1 office building damaged severely.				
Birmingham, Jefferson County	26	12:30 p.m.	2	50	0	0	4	0	Tornado
					Tornado moved northeast across East Lake and Roebuck area but only touching down in a few spots where trees were uprooted or broken off and some stripped of bark. Minor damage to homes, signs and a few commercial buildings.				
Etowah County	26	1:35 p.m.							Funnel
					Reported by public 18 miles north of Gadsden moving northeast 40 mph.				
Rossmore, Randolph County	26	2 p.m.	short narrow		0	0	4	0	Tornado
					Small tornado was observed as it demolished 2 small buildings, ripped away a room from a barn, damaged a hay shed, and took the top out of pine trees.				
Waverly Community, Chambers and Lee Counties	26	2:05 p.m.	6	50	0	0	4	0	Tornado
					Tornado touched down about 5 miles southwest of Waverly damaging trees and barns, then slipped northeast about 50 mph to Waverly demolishing a house trailer, unroofing a house and damaged 2 other houses.				
Langdale, Shavut and Engleby, Chambers County	26	2:15 p.m.			0	0	5	0	Wind
					Several trailer houses overturned, several houses and a furniture store damaged and large oak trees downed as a severe thunderstorm moved across area.				
Alaska									None Reported
Arizona Apache Junction	16	10:30 p.			0	0	4	0	Wind
					Strong winds unroofed a cafe and several other buildings.				
Arkansas Hot Springs - Garland County	4	11:30 a.						3	Windstorm
					Squall line passage in Hot Springs and Mt. Pine areas produced tree and roof damage. Winds gusted to 73 mph Hot Springs airport.				
Little Rock - Pulaski County	4	12:50 p.						4	Windstorm
					Squall line passage at Adams Field flipped over 2 planes and badly damaged a third when hangar doors were blown onto it. One person injured when plate glass blown out at airport.				
McGehee - Desha County	21	3:00 p.	19	200 to 400				5	Tornado
					Tornado touched down 2:25 P.M. at Dumas-Warren Hunting Club, six miles south of Collins in Drew County and remained intermittently on the ground travelling northeastward hitting McGehee about 3:00 P.M., then lifting off the ground about 1 to 2 miles northeast of McGehee. Considerable timber damaged in Drew County. Two homes badly damaged in McGehee and several others including City Park received minor damage. Funnel observed on the ground to take very erratic course and produced large static electrical display in McGehee vicinity.				
Colt - St. Francis County	21	5:00 p.	6	100				4	Tornado
					Small tornado touched down about 4:48 P.M. 1-1/2 miles east of Colt damaging a brick house and destroying two hay barns, then it travelled north-northeastward hitting two unoccupied trailers and produced minor damage to houses about one mile southeast of Wynne in Cross County at about 5:00 P.M.				
California Mojave Desert	19				0	0	4	0	Wind
					Strong, gusty winds over the Mojave Desert unroofed buildings in Lucerne Valley, sandblasted cars on desert highways, toppled signs, trees, and utility lines, and resulted in the closing of several major highways for periods of several hours. Winds were blamed for a 25-car pileup north of Lancaster.				
Chula Vista	23	9-10 a.m.			0	0	0	0	Tornado
					Pilots and ground observers reported a family of funnel clouds in the Chula Vista area. One produced a waterspout off Imperial Beach, and another was observed to touch down over open country southeast of Chula Vista; there was no visible evidence of the touchdown. From 5 to 7 funnels were reported during the one-hour period.				
Southern California	25				0	15?	5	0	Wind
					Widespread strong winds caused damage all the way from Santa Barbara eastward to the Colorado River, a distance of more than 300 miles. Trees, signs, and utility lines were blown down. Fires were started by falling power lines. Aircraft were overturned. Cars and other painted surfaces were sandblasted. A number of injuries were reported from flying debris. At least 8 major highways were closed due to gusty winds and reduced visibility.				
Colorado Las Animas County	18	12:32 PM						0	Tornado
					Touched down briefly in open field near Boca County line, 30 miles WSW of Springfield. Heavy rain and hail in area.				
Connecticut North-central	6	4-10 AM			0	0	5	0	Fog
					Statewide dense fog was responsible for a rash of accidents including one involving about 90 vehicles on I-91 in Hartford County.				
Statewide	7-9	Eve-AM			0	0	4	0	Snow, rain
					Storm which began as snow late on the 7th before turning to freezing rain and rain before ending early on the 9th caused extensive local flooding. A number of thunderstorms occurred shortly after the storm began.				
Statewide	13	PM			0	0	5	0	Rain
					Light to occasionally heavy rain with some thunderstorm activity in southern sections coupled with rising temperatures and melting snow to cause scattered flooding along small streams and extensive local flooding in poorly drained areas.				
Delaware Chesapeake and Delaware Canal	3-8								Ice
					Ice was problem in the Canal, especially during this period.				
State	7-8								Rain, flooding
					Heavy rain, with some totals exceeding 2 inches, caused minor				

See reference notes at end of table.

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Delaware (continued)									
									flooding. State Police reported traffic tie-ups, especially in low-lying areas along secondary roads. Because of frozen ground, runoff was more rapid and severe.
New Castle County	13-14								Rain, flooding
State	22-23								Heavy rain, with some totals exceeding 2 inches, caused minor flooding.
									Rain, flooding
									Heavy rain, with some totals exceeding 2 inches, caused minor flooding problems.
Florida (continued)									
Deland	07	3:30p			0	0	3	0	2-3/4" Hail
20 SW Daytona									Thunderstorms and hail were reported in several parts of Volusia County, with Deland receiving hail of golfball and baseball dimensions. Several cars damaged.
Tarpon Springs	07	5:15p							Funnel aloft (2)
16 NW Tampa									
NE Havana	08	morning			0	0	4	0	Wind damage
Gadsden County									Winds picked up a 140 x 1 1/2 ft. tobacco barn and moved it off its foundation to the extent that it is not feasible to move it back. Damage \$6,500
Blountstown	08	4:00a			0	0	0	0	Wind damage
40 W Tallahassee									
Sumatra	08	5:30a			0	0	4	0	Wind damage
18 N Apalachicola									Five houses destroyed by high winds accompanying a squall line.
Weeden Island	08	8:01a			0	0	5	0	Lightning
St. Petersburg									A steel oil storage tank containing more than 100,000 barrels (42 million gallons) of "Bunker C" crude oil caught fire after being struck by lightning. Estimated damage to tank \$150,000 and \$100,000 to fuel loss.
Venty Tampa	08	9:00a							Funnel aloft
Hillsboro County									Several sightings of funnel clouds in the Tampa area.
15 S Tampa	08	9:17a			0	0	0	0	1-3/4" Hail
									Public reported golf ball size hail
Palm City	08	afternoon			0	0	4	0	Wind damage
Martin County									Winds of over 45 mph caused over \$10,000 damage to flower farmers in vicinity of Palm City. Leighton Flowers alone lost 35 sheets of cloth at a value of \$8,500 during the high wind and also damage to water lines and posts.
12 S West Palm Bch	08	12:00p	100	10	0	0	0	0	Tornado
Boynton Beach									Funnel sighted by NWS personnel. A school principal reported it touched down briefly.
Clearwater Beach	08	5:40p			0	0	5	0	Wind damage
15 W Tampa									Wind gusts of 95 mph at the Clearwater Yacht Club tore a roof from a boat shed and damaged five boats causing an estimated \$75,000 damage
15 S Key West	11	6:01p							Funnel aloft
									Funnel cloud sighted 15 S of Key West moving west before dissipating.
7 SW Pensacola	12	11:25a							Funnel aloft
15 E Ft. Lauderdale	13	12:07p							Waterspout
Venty Ft. Lauderdale	17	1:08p							Funnel aloft
5 SE West Palm Bch	19	2:49p							Waterspout
Ocala	22	early am							Funnel aloft
Walton County									Several funnels were sighted in the early morning hours. A cold front accompanied by thunderstorms activity, rain and high gusty winds moved through the area.
Mariana	22	6-7:00a							Funnel aloft (2)
									Several sightings of funnels in Mariana area during heavy thunderstorm activity.
5 S Scanlon	22	12:40p							Funnel aloft
30 SE Tallahassee									
Starke	25	10:00a							Hail 1-3/4"
17 E Gainesville									Hail of golfball size reported by public
8 SE West Palm Bch	28	11:15a							Funnel aloft
Georgia									
Ferry	5	6:00 a			0	0	4	0	Lightning
									Lightning struck a Cable TV tower and burned out 3 miles of cable and 10 amplifiers.
Seminole and Decatur Counties	7	8:00 - 8:15 a	20	400	0	2	5	0	Tornado
									Storm moved from near the Chattahoochee River on the western side of Seminole County northeastward to near the northeast corner of the County and then into adjoining Decatur County. Length of path was about 20 miles but funnel was not on the surface the entire distance. Heaviest damage was in western Seminole County, near Iron City in Seminole and at Elmoreville in Decatur County. Many trees were uprooted or snapped off and electric and telephone lines were down. Several homes were heavily damaged, including overturned mobile homes. Numerous barns and other farm buildings were demolished. Several people reported seeing a funnel and many described a loud roaring noise. Could have been more than one tornado cloud involved. Wind damage was also reported in nearby Miller, Mitchell and Grady Counties. Hail was also reported.

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Georgia (continued)										
Colquitt and Cook Counties	7	9:00 a	3	200	0	0	4	0	Tornado	This storm moved from near Atryville, in the south central part of Colquitt County, approximately 2 1/2 miles northeastward. Apparently the same storm moved through the Reed Bingham State Park near the Colquitt-Cook County line. Several residences suffered damage and numerous barns were swept away. Tractor homes were upset and power lines were blown down. Numerous trees were uprooted. Scattered wind damage was reported in other parts of Colquitt and Cook Counties.
Ware and Bacon Counties	7	12:30 p	12	200	0	0	4	0	Tornado	Storm first touched down near the Hixley Community in northern Ware County. Utility lines were knocked down, roofs damaged and trees uprooted. After apparently lifting for several miles the storm hit again in the Scuffletown Community in eastern Bacon County. Most of the 50 residences in the Community suffered some damage. House trailers were overturned and barns unroofed. The storm moved east northeast. Additional wind damage was reported in Wayne and McIntosh Counties.
Cook County	8	6:40 a	1	100	0	0	4	0	Tornado	The storm touched down in the Gregg Community in southwest Cook County. Several homes were heavily damaged, a public voting house was moved from its foundation and farm buildings were demolished. The sound was described as that of a jet or train.
Brooks County	8	7:00 a	3/4	100	0	2	4	0	Tornado	Two trailer homes were upset and roofs were damaged in the Dixie Community in western Brooks County. Loud roar was described as storm moved through. Additional wind damage was reported near Quitman.
Barretts, Lowndes County	8	7:45 a	1/2	100	0	2	4	0	Tornado	Two people were slightly injured when trapped in an overturned trailer home. Other damage consisted of downed power lines, unroofed farm buildings and uprooted trees. Several other trailers were lifted from their foundations and set back down.
Coffee County	8	8:05 a	1 1/2	100	0	2	4	0	Tornado	A trailer home was completely demolished and a large chicken house wrecked about 12 miles west of Douglas. Two people in the trailer were only slightly injured. Trees were uprooted and other buildings in the area were damaged.
Mt. Airy	22	a.m.			0	0	4	0	Lightning	A home was completely destroyed by fire after being struck by lightning.
West Point, Near	26	p.m.	1/2	100	0	0	4	0	Tornado	Several mobile homes were damaged and a propane gas truck was overturned.
Zebulon, 1 South	26	p.m.	1	100	0	0	4	0	Tornado	Three residences and a warehouse were damaged and a mobile home was knocked from its foundation. Large trees were snapped off above the ground.
Newnan 6 SW	26	4:17 p	1/2	100	0	0	4	0	Tornado	A mobile home was flattened. A woman and small child were shaken up but not injured.
Sardis, Burke County	26	6:25 p			0	0	?	0	Hail	Hail up to 3/4 inch in diameter reported by public.
Hawaii Honolulu, Oahu	1	Early Morning			0	0	4	0	Thunderstorm	Rain and lightning knocked out power in several areas and flooded streets, slowing morning commuter traffic.
Captain Cook, South Kona, Hawaii Island	22	About 3:15 p.			0	0	0	4	Hail, rain, wind	Hail destroyed about 5 acres of tomatoes at Captain Cook, where 1.60 inches rain fell in 35 minutes during a thunderstorm. Lettuce and other truck crops sustained lighter wind and hail damage.
Idaho Pocatello, Bannock County	2-3	PM and AM	area	area	0	0	3	0	Heavy snow	Heavy blowing snowfall evening and early morning triggered 20 accidents due to slick roadways, blowing snow and fog. Wind gusts were reported 25 to 30 miles per hour.
Soda Springs-Bancroft area, Caribou County	4	PM	area	area	0	1	3	0	Snow storm	A blinding snowstorm of near blizzard conditions reduced visibility to near zero resulting in a number of highway accidents, Bancroft to Soda Springs.
Idaho (continued)										
Burley Area, Minidoka County	19	5:00 p.- 8:00 p.	10	area	0	10	4	0	Snow storm	A blinding snowstorm hit Interstate 80 in the Burley area, triggering a fast-moving chain-reaction of traffic accidents, one which involved 13 cars and others involving 2 to 4 cars. Five hospitalized and another 5 injured.
Pocatello Area, Bannock County	19	7:00 p.- 9:00 p.	10	area	0	9	3	0	Snowstorm	Heavy snowfall and slick roads resulted in 25 accidents and 9 injuries. Separate accidents involved from 2 to 5 cars.
Clark County	20	10:00 a- 9:00 p.	area	area	0	--	3	0	Blizzard	Heavy blowing snow stopped traffic over most of the County surrounding Dubois. Snow plows were unable to clear roads.
Burley-Oakley Areas, Minidoka and Cassia Counties	24-25	Night and AM	area	area	0	0	4	0	Heavy Snow and Wind	A snowstorm descended on the area on winds in excess of 50 MPH that downed utility lines. Wind and icy roadways caused accidents and blocked highways.
Kellogg Area, Shoshone County	24	PM	area	area	0	0	2	0	Wind	Strong winds gusting to about 50 MPH accompanied by rain and dust caused motorists to turn on their lights.
Northeast Idaho, Fremont and adjoining Counties	25	AM	area	area	0	0	2	0	Snowstorm	Three State highways were closed by swirling winds--Highway No. 191 at Island Park, No. 33 between Newdale and Tetonias, and No. 26 between Poplar and Swan Falls. Schools were closed.
Illinois										
Morgan County	19	1:30p	8	440	0	0	4	0	Tornado	Some small farm buildings, hog houses and corn cribs, were destroyed. One house and some larger buildings were heavily damaged. Six hogs were killed. Storm moved northeast from 3 miles west of Chapin to 1/2 mile west of Arenzville. Witness observed funnel cloud.
Cook County	19	1:55p					?		Hail	1" hail reported at South Holland.
Fulton County	19	2:15p	15	100	0	2	5	0	Tornado & Wind	Major damage to 4 farms as tornado moved northeast from 20 miles southwest to 10 miles west of Canton. Witnesses saw funnel touch ground. Damage largely to farm outbuildings. No conventional homes destroyed but some had roof damage or damage from debris. Mother and child injured by debris after fleeing mobile home just before it "exploded". There was a line of spotty damage, apparently straight wind, from Macomb northeast to Victoria. WBD, Peoria.
Indiana South Bend	5	E.S.T.	?	?	0	0	3	0	Wind, rain	Winds gusted to 58 miles per hour and precipitation totaled 1.26" in 24 hours while snow cover diminished from 13 to 2 inches in 24 hours to cause flooding of streets and clogged sewer drains. Strong winds damaged trees, utility lines and broke store windows.
Greensburg area (Decatur County)	22	1:00 p. - 1:10 p.	10	80	0	2	4	0	Tornado and several funnels	Intermittent tornado path from south to north. Barn struck near Letts; barn and garage damaged near Horace; airplane turned over at Greensburg Airport (2 miles SW); top of house lifted one mile west of Greensburg (1 injury); three buildings damaged (1 injury) two miles northwest of Greensburg between roads 421 and 74. Losses estimated at \$50,000.
Iowa SW to NE Iowa	4-5						5		Heavy snowstorm	Four to six inches snow, locally heavier from SW to NE Iowa whipped by winds gusting to 50 mph. blocked highways closed schools, downed power lines and indirectly caused scores of accidents. Associated glaze in the SE and E. Blizzard condition in parts of Iowa.
Council Bluffs	22	6:00 a					5		Windstorm	High winds collapsed roof, \$100,000 loss.
SW to NE Iowa	22								Snowstorm	Excepting in northwest and southeast counties, 3rd major snowstorm of winter. Snowfalls up to 15 inches SW. Schools closed, highways blocked and motorists stranded by heavy snows and strong winds gusting to 40 mph. or higher. Lightning accompanied the snowstorm and a few relatively minor losses were reported. In eastern counties glaze preceded the snow.
Alta	26						1	5	Snowstorm	Sixty year old farmer became lost in snowstorm and died from exposure. Snow with strong winds gusting to 40-60 mph. northern Iowa blocked highways and stranded travelers. Warehouse at Dyersville collapsed with losses near \$50,000.

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Kansas Central, eastern portions	3-4				0	0	4	0	Ice, snow
Haskell County	18	2:45-3:20 p.	7	about 25	0	0	0	0	Tornado
Nodgeman County	18	about 4:15-4:30 p.	short	narrow	0	0	0	0	Tornado
Reno County	18	6:40 p.							Funnel aloft
Most of State	20-22				2	0	5	0	Snow, ice
									This was one of the most severe snow storms in years; the south-eastern corner was the only area where severe weather was not reported. A blizzard or near-blizzard raged over much of the State; over most of Kansas the storm appeared to be just as intense as the blizzard of March 1957 and the blizzard of November 1948; it was not as severe as the storm of January 1886. Five to 15 inches of badly drifted snow was reported in most areas; heaviest snowfall was 18 to 20 inches at Natoma in Osborne County and at Protection in Comanche County. At times the snow was accompanied by winds of 35 to 50 mph, or more. Drifts 6 to 12 feet deep were common over the western two-thirds of Kansas; some 15 to 20 foot drifts were observed in the south central portion. The severe storm paralyzed traffic on most roads and highways, forced schools and business establishments to close, killed several livestock and caused many others to stray, closed a number of airports, knocked out power and telephone lines in some areas, and caused several roofs and awnings to collapse. An estimated 500 to 1000 motorists were stranded along the Kansas Turnpike and travelers were stranded at a number of other locations over northern and western Kansas. Visibility was reduced to near zero in the areas reporting the worst snow and blowing snow. It was several days before activities had returned to normal. Temperatures were generally in the 20's during the height of the storm; thus, there were relatively few human and livestock deaths. Heaviest damage to power and telephone lines occurred in Miami, Linn, Reno, and Montgomery Counties. Excess snow loads caused building damage locally in southeast Kansas and the central one-third of the State. Two persons trapped in stalled automobiles died as a result of the storm, one 23 miles south of Heade and another near Mullinville. Operation "haylift", using aircraft to haul feed to livestock, was put into effect in Comanche and some nearby Counties after that area was declared a disaster zone. Livestock losses were about \$100,000.
Kentucky State	3				?	?	?	0	Glaze
									Freezing rain fell on the greater part of Kentucky, glazing exposed surfaces. This made walking and vehicular travel hazardous and contributed to a number of personal injury accidents and automobile accidents. Reports indicated that the glaze was heaviest in the west, with ice reported to have been from 1/2-inch to 3/4-inch thick on some roads. There were numerous reports of glaze in the central division, and some reports of glaze in the Blue Grass and eastern divisions. The glaze condition ended later in the day as freezing rain turned to rain and the ice melted.
Southeast	5				0	0	?	0	Flooding
									Light rains began on the 3rd, falling on 2-4 inches of snow for the 24 hours ending at 7 a.m. on the 5th rainfall averaged about 1 inch in the upper Cumberland Basin. In the resulting rise crests on the upper Cumberland River ran 3/4 bankfull to bankfull from Baxter to Williamsburg. Indications were that little or no damage resulted (official reports not available at the time of preparation of this report).
State	7				?	?	?	0	Heavy snow, strong winds
									The Statewide snow of the 7th-8th totaled about 1/4 to 7 inches in the western division; about 5 to 9 inches in the central division; about 6 to more than 9 inches in the Blue Grass division; about 3 to 8 inches in the eastern division. It was characterized by news sources as the worst snow storm of the winter season to that date. High winds caused snow to accumulate in drifts at scattered locations over the State. Some of these drifts reports by Civil Defense, news and other sources were: 10 to 12 feet in portions of Christian County, blocking roads; 3 ft. and more, Simpson County; 5 ft., Pulaski County; 10 ft., portions of Fayette and Fleming counties; 6 ft., in Anderson County; 3 ft., Clark County; 2 to 4 ft. in Mason County; several feet deep, Grayson County. State police closed principal highways throughout the State to trucks after numerous tractor-trailer rigs skidded and jackknifed, blocking traffic lanes. Among some of those so closed were I-64 Louisville to Frankfort and Lexington east; I-75 from Cincinnati to London.
Kentucky (continued) State (continued)	12				?	?	?	0	Heavy snow, strong winds
									Schools were closed in many areas, 57 or more school districts according to news reports. In a number of areas industrial operations were curtailed and employees were sent home early on the 8th. News reports indicated a number of vehicular accidents and resulting injuries.
									The Statewide snow of the 12th-13th was heaviest in the western division, ranging from about 3 to 8 inches, not as heavy in the central division, totals ranging from about 2 to 5 inches. High winds drove the snow into deep drifts in some areas in the west. Some of the drift depths reported by news sources: 5 to 12-foot drifts in Union County (500 wrecker calls in one community); 7-foot drifts in Henderson County; 5-foot drifts in Christian County; 4-to 6-foot drifts in Callaway, Hopkins, Ballard, Graves, Caldwell Counties; 4-to 10-foot drifts in Trigg County; in Livingston County, drifts 5 to 6 feet and some 10 to 15 feet. In the central division drifts 4 to 6 feet deep were reported from scattered locations. Automobile travel was hazardous and impeded or stopped. Some bus schedules in the west were slowed or stopped. Air travel was stopped for 24 hours at the Paducah airport. A number of roads were blocked. Snowfall in the Bluegrass division ranged from about 1 to 5 inches while in the east totals ranged from about 1/2-inch to 6 inches. News reports indicated a number of automobile accidents and resulting injuries.
Calloway and Trigg Counties	19	p.	1/2	50	0	0	4	0	Tornado, high wind
									At about 1:00 p.m. at Murray, Calloway County, in western Kentucky a tornado moving from southwest to northeast along a path estimated about 50 yards in width and about 1/2-mile in length, touched down briefly. There were no injuries but there was damage to two mobile homes, to two barns and several trees. Although there were no reports of a funnel and little indication of excessive noise, there were several evidences of: lifting of buildings and smaller objects with rotational motion; parts of buildings exploding outward and being propelled like missiles. In adjacent Trigg County (to the east) reports indicated high wind damage to several buildings, and a mobile home pushed off its foundation.
Ballard and McCracken Counties	21	7p.			0	0	4	0	Wind, rain
									High winds were responsible for damage to a number of residences and farm buildings; downed several farm buildings and some trees and utility lines. Numerous heavy thunderstorms were in the area at the time moving northeastward at about 50 m.p.h. (radar reports).
State	21						?		Flooding
									Heavy rains on the 21st and 22nd caused some flooding of low places and low sections of streets and roads in portions of the State; appreciable rises along the upper Ohio River along the northeast border of Kentucky; rises to near bankfull along portions of the Ohio River and its tributaries in north central Kentucky; rises to flood stage and above over the lower Green River and along rivers bordering western Kentucky from about the 23rd or 24th water levels continuing to rise at the end of the month along the western border of Kentucky. (For possible additional data concerning the flooding in western Kentucky at the end of the month (which continued into March), see the March issue of this publication).
Union County	21				0	0	4	0	Wind
									High winds damaged the Junior High School at Morganfield, ripping off part of the tar and built-up roof.
Blue Grass	26	night			0	1	3	0	Wind
									High winds, probably associated with a cold frontal passage, caused one injury and miscellaneous damage at scattered locations. In Carroll County a mobile home was overturned and there was some damage to buildings, about 1:00 a.m., farther east in Harrison County winds blew off a porch roof. At 1:15 a.m. in adjacent Bourbon County (southeast of Harrison County), high winds overturned a mobile home, injuring a four-year-old child and damaging the carport of a nearby residence.
Louisiana Calcasieu Parish	12	3:50-4:00 a	3	150	0	1	6	0	Tornado
									Tornado moving east-northeastward touched down near Ryan and Sailer Streets in downtown Lake Charles, skipped some 9 blocks to area bounded by Third and Broad Streets, Enterprise Blvd. and Third Avenue, causing major damage in 48 square blocks, then skipped again to near intersection of U.S. 90 and U.S. 171. Numerous business establishments suffered damage ranging from slight to heavy, utility poles snapped. Numerous reports of "freight train" sound. Little evidence of twisting motion but numerous instances of explosive decompression and debris carried into wires and trees (WSO, LCB).
Southern Parishes	12	Morning			0	0	5	0	Wind, hail
									High winds associated with squall line and cold front caused damage in several areas. Several residences and buildings at Crowley, Acadia Parish suffered wind damage about 4:30 a.m. Hail reported at Sulphur, Lake Charles, Raplaud. Winds damaged 3 barns 6 miles north of Wolch, Jefferson Davis Parish. Slight glass and trailer damage was reported from Cutoff, Lafourche Parish (7:45 a.m.). Wind damages to marina on Hood River, Livingston Parish. Five trailers damaged at Boothville, Plaquemine Parish (9:45 a.m.).

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Louisiana (continued)									
Morehouse Parish	21	1:55 p							Funnel Cloud
			Reported 14 miles northeast of Monroe.						
Madison and East Carroll Parishes	21	2:50-3:45p	35	440-660	10	18	6	0	Tornado
			Funnel cloud first sighted northwest of Crowley, Franklin Parish at 2:45 p.m. Tornado touched down south of U.S. 80, moved through Waverly community (2:10 p), completely demolishing farmstead on Joes Bayou, killing 10 members of one family; one surviving youth suffered broken back. Three other houses and country church demolished, trees and 6 large powerlines uprooted, snapped above ground or crumpled. Storm, moving about 50 m.p.h. passed into East Carroll Parish, through mostly wooded, unpopulated, areas. In the Peoria Road area of the Melbourne community, south of Transylvania on La. 65, 7 homes and two house trailers totally destroyed, 13 had major damage as well as 11 other buildings and sheds. Two automobiles blown from highway and demolished. Heavy farm equipment thrown about. Large pecan orchard heavily damaged. Power and telephone lines and poles damaged. Injuries remarkably only cuts and bruises. Storm crossed into Iassequena County, Mississippi.						
Maine									
State	5				0	0	3	0	Glaze, snow, wind
			Snowfall generally 3 to 8 inches over state, changing to mixed precipitation with freezing rain in southern portion. Extremely hazardous travel conditions. Storm continued into the 6th over most of state. Minor damages from combined wind and loading of ice and snow.						
State	8				0	0	0	0	Snow, glaze
			Snowfall totals mostly 8 to 12 inches in central and western portions, with high drifts disrupting travel. Icing from freezing rain common in eastern and southern portions, with hazardous conditions. Glazing continued into the 9th.						
State	13				0	0	4	0	Rain, local flooding
			Moderate to heavy rain, with amounts up to 2 inches, combined with drains and sewers clogged by snow and ice to cause widespread local flooding. The Bangor International Arrivals building at Bangor International Airport flooded to a depth of 4 to 8 inches. At Skowhegan the floor of the new High School flooded with much damage. In St. Albans chickens were lost when a poultry house flooded. Many roads and streets under water.						
Maryland									
Chesapeake Bay area	2-5								Ice
			Although the U.S. Coast Guard ice reports extended on a continuous daily basis from January 9th through February 21st, the period of greatest intensity was February 2nd-5th, when ice conditions in the Upper Bay were 100 percent coverage with thicknesses as much as 8 to 16 inches and with ridges building up to 2 to 3 feet. Damage was likely to be greater than normal; however, no deaths or injuries were reported.						
Southern Eastern Shore	7	afternoon and evening			0	0	2	0	Lightning, hail
			Thunderstorm activity was unusually heavy for this time of year. Lightning struck and damaged a house and two nearby trees at Salisbury. Hail was reported in the Federalsburg area.						
State	7-8								Rain, flooding, snow, glaze
			Heavy rain, with scattered totals exceeding 2 inches in the eastern portion, caused minor flooding especially along streams and in low-lying areas. Because of frozen ground, runoff was much more rapid and severe. There were many reports of flooded basements and traffic tie-ups. Flooding waters also caused ice in streams to break up and jam. Snowfall to 8 inches and icy roads occurred in western Maryland.						
State	13-14								Rain, flooding
			Heavy rain, with a few scattered totals exceeding 2 inches in the eastern portion, brought minor flooding along streams and low-lying areas. Frozen ground caused runoff to be more rapid and severe.						
State	22-23								Rain, flooding
			Heavy rain, with some totals exceeding 2 inches in the northeast, brought minor flooding along low-lying areas.						
Massachusetts									
State	5				0	0	4	0	Rain, snow, sleet glaze
			Mixed precipitation included widespread occurrences of freezing rain. Travel very hazardous in some areas. A building roof collapsed in Sudbury under the combined weight of a 24 inch snow cover accumulated from previous storms, plus that of this storm.						
Massachusetts (continued)									
State	8				0	0	0	0	Snow, glaze
			Mixed precipitation included snowfall variable from little or none over Cape Cod to nearly 10 inches locally in north and western sections. Glazing, widespread over much of state, added to hazardous conditions. Glazing continued into the 9th in some areas.						
State	20				0	0	0	0	Glaze
			Glazing was widespread but was most serious in the north-eastern portion. Scores of auto accidents, many with injuries, occurred, especially at night. State Police at Andover said that accidents were "too numerous to report. It was unbelievable ..." Glazing continued into the 21st in some sections.						
State	23				0	0	0	0	Glaze
			Freezing rain caused light to moderate ice deposits over many areas of state, causing hazardous conditions.						
Michigan									
Manistique, Schoolcraft County	2				1	0	0	0	Sub-zero Temperatures, Snow
			Arctic air spread over Michigan January 29 and continued into February. With temperatures nearly 20° below zero and snow depths accumulated to 3 feet, a 73 year-old Manistique man was found frozen to death near his home. Prolonged heavy lake snow blocked roads in western lower Michigan forcing some farmers to dump milk when bulk trucks were unable to reach their farms.						
State-wide	4-5				1	2	6	0	Wind - Snow Heavy Rain
			A rapidly developing storm crossed the western Upper Peninsula, produced extensive damage throughout Michigan. Up to 1 1/2 inch of rain caused flooding in southern areas. Up to 15 inches of snow and freezing rain closed many roads, downed power lines and toppled trees as winds whipped snow into blizzard conditions. Some of larger losses include: Bessemer, plywood plant roof collapsed due to snow load, loss, \$1.5 million; Holland, roof blown off garage, \$12,000 loss; Detroit, wall toppled killing workman; East Lansing, \$4,000 damage to MSU chemistry building; near Cedar Springs, camper was blown from pick-up, two children injured. Mackinac Bridge closed due to zero visibility, freezing rain, and swaying of structure. This was the first time since it opened 13 years ago that traffic across it was stopped. Windows were blown out in many areas while house trailers and semi-trailers were overturned. Several minor injuries resulted from falls on the ice.						
State-wide	19-20				0	0	4	0	Rain - Ice - Flooding
			Storm center passed over northern lower Michigan producing rain and flooding south; ice, up to 3/4 inch thick, damaged power lines and trees in central Michigan. Most of damage in south resulted from thunderstorms and rain and ice jams on rivers. Several basement walls were caved in at Battle Creek. Ann Arbor, Marshall, Coldwater and Monroe areas had several houses flooded and U.S. 27, south of Marshall, was closed by the high water.						
State-wide	22				0	0	4	0	Ice - Snow
			Storm center over state produced wide-spread freezing rain-sleet in Lower Peninsula, heavy snow in north. Lightning bolt temporarily knocked WTV off the air at Cadillac. Areas of Otsego Co. were without power for over 60 hours as ice broke tree limbs and power lines in many areas. Heavy snow blocked U.S. #1 near Menominee as winds and drifting snow reduced visibility to near zero.						
State-wide	27				1	0	5	0	High Winds
			Sustained strong gusty winds, accompanied a vigorous storm center crossing Michigan caused wide-spread damage. In addition to toppled trees, TV antennas and utility lines, many store windows were blown out. At Grand Rapids, one farm supply store damaged; Bay City, 2 barns and a factory roof destroyed; Alpena, truck garage roof collapsed; Flint, church roof and chimney caved in; Detroit, 12'x20' cement wall toppled on cars; Jackson, 60-foot section of barn collapsed; Cadillac, roofing insulation and steel decking ripped from a department store. Snow and 8 to 15-foot drifts closed highways in the northern Lower Peninsula and Upper Peninsula areas. In Lapeer County, a truck camper was torn from the truck, dropped on road in front of oncoming car killing its driver. The force of the wind straightened the hooks on the turnbuckles fastening the camper to the truck.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Minnesota Eastern Minnesota	4	2:00 p			0	0	4	0	Near blizzard
	5	3:00 a							
<p>Deep low pressure system (976 mb) moving north-northeast through central Wisconsin dumped 10 inches of snow in southeast counties and generally 6 inches across eastern one-third of Minnesota. Winds were near 35 mph and temperatures dropped from lower 20's to near zero in 24 hours. Many schools were closed and roads were blocked in south central and southeastern Minnesota. Winds overturned light aircraft at Olivia. Four people died of heart attacks from overexertion in Twin Cities and one in Kenyon. All died between 7:00a-9:00a on the 5th.</p>									
State	26	10:00 a			0	0	5	0	Blizzard
	28	12:00 p							
<p>A fast-deepening low moved north-northeast through Minneapolis-St. Paul area during the evening of the 26th. Minneapolis-St. Paul Airport recorded a pressure of 28.77 inches MSL at 7:50p and Duluth Airport a 28.75 inches MSL at 11:00a on the 27th, the second lowest pressure ever recorded at both stations. Very heavy snows and strong winds started about 10:00a on the 26th in southern Minnesota and finally subsided during the day on the 28th. The heaviest snows of 10 to 18 inches fell on about a 60 mile wide line from Springfield-Willmar-Little Falls-Sandy Lake Dam-Virginia, while 4 inches and greater was recorded across the State except less than 4 inches was received in the very western and northwest counties. Greatest water content of snow was 2.54 inches at Sandy Lake Dam. Wind gusts reported were: 75 mph at Faribault and Fairmont, 70 mph at Rochester and 60 mph at Willmar. These winds reduced visibilities at times to zero across the State. Almost every town had stranded school children and marooned motorists. For example, there were 35 cars in the ditch on a 13 mile stretch of highway near Willmar and there were over 200 cars stalled west of St. Cloud at one time. Freezing rain mixed with heavy wet snow broke many utility wires and poles across the State. The worst was in the Virginia area where some outlying areas were without utilities for five days. Freezing rain and snow was reported the size of a "man's arm" on utility lines in the Virginia area. It was common for utility crews to work from 30 to 65 hours straight, particularly from St. Cloud north. State Forestry Department reported some damage to small conifers with tops broken off from freezing rain and wet snow in Virginia area. This blizzard is compared to March 17, 1965 (St. Patrick's Day Blizzard). No loss of life occurred probably because of vast number of snowmobiles that rescued stranded people; temperatures remained between 15° to 25°F; and the constant storm warnings broadcast by radio and TV media.</p>									
Mississippi Harrison County	3	Afternoon			0	0	?	0	High Tide
<p>Pass Christian newspaper noted, "Unseasonably high tides Wednesday afternoon carried water over road south of Bayou Portage."</p>									
Tunica County	4	Afternoon			0	0	?	0	Wind
<p>Memphis newspaper noted, "Winds up to 50 miles an hour were reported at . . . Tunica, Miss., . . ."</p>									
Hinds County	4	3:10 p.			0	0	?	0	Wind
<p>Newspaper noted, "Some power lines were reported down when high wind hit about three miles west of Utica, also destroying a barn."</p>									
Washington County	4	About 3:30 p.			0	1	?	0	Wind, Funnel Cloud Aloft
<p>A squall line moved through Greenville (lat. 33.1° N, long. 91.1° W) in afternoon with top winds estimated 42-48 m.p.h. During a 30-40 minute period most of the damage was falling tree limbs and broken windows; some power and telephone lines went down, approximately 5 telephone poles were downed; trees uprooted in several sections of city. Man working in Holsum Bread building on Mississippi Highway 1 North said, ". . . I could sure hear it coming. . ." he saw the approach of a "funnel-shaped" cloud extending from "a real black looking cloud" and he related it didn't touch the ground, but passed over the building. The strong winds tumbled part of the building's front wall leaving a pile of rubble and broken brick. Two doors to the north, a salesman had parked his car on the north side of a supply company building; before he could get out, the roof on a storage building connected with the south side of the building, soared into air and landed on the automobile; the salesman received head and facial lacerations. About 3:50 p.m. the Greenville police reported several large trees down in the area.</p>									
Bolivar County	4	3:50 p.	?	?	0	0	0	0	Tornado
<p>Deputy sheriff sighted tornado 2 S Alligator (lat. 34.1° N, long. 90.7° W) moving towards NE at 35-40 m.p.h. Another deputy noted, "There was no damage at all where that one touched down," minutes later "it went back up. . ." Mayor of Alligator said that there was no damage in Alligator he could find and County Civil Defense reported touchdown in open field, no injuries and no damage.</p>									
Madison County	4	4:15 p.-4:30 p.			0	0	0	0	Funnel Cloud Aloft, Hail
<p>Radar at 4:15 p.m. indicated a hook echo 10 SW Canton moving towards NE at 35-40 m.p.h. Memphis newspaper notes, "Johnny Pugh of Canton said he was standing near the town's center about 4:30 p.m. when he saw the funnel cloud that he estimated was eight miles east-northeast of the town and moving northeast. Mr. Pugh said the cloud did not touch down when it was sighted in heavy rain and 'big hail about the size of ice cubes.'" The hail fell at Canton (lat. 32.5° N,</p>									
Mississippi (continued)									
Rankin County	4	5:00 p.-5:40 p.							Funnel Cloud Aloft
<p>long 90.0° W); there had been heavy wind, but no wind or hail damage was reported.</p> <p>Woman at 9 W Pelahatchie reported that NE of her a funnel cloud was in sight at 5:00 p.m. and it was moving towards NE; high winds and heavy rain at her place. At 5:12 p.m. radar indicated a severe thunderstorm cell with hail (lat. 32.3° N, long. 89.8° W). At 5:30 p.m. radar indicated a severe thunderstorm with hail 8 NE Pelahatchie and a hook echo at 3 N Pelahatchie. At 5:40 p.m. radar indicated a hook echo at 8 WNE Pelahatchie moving towards NE at 45 m.p.h.</p>									
Simpson County	4	About 5:10 p.							Funnel Cloud Aloft
<p>Funnel cloud 30 S Jackson (lat. 31.8° N, long. 90.1° W) reported by public; funnel moving E. No reports of damage received.</p>									
Grenada County	4	About 5:15 p.	6	100	7	0	4	0	Tornado
<p>Storm moved from WSW to ENE. Funnel cloud first touched down 2SE Gore Springs (lat. 33.7° N, long. 89.6° W) lifted after 1 mile and then touched down near Highway 8, about 15 E Grenada and continued on about 3 miles. A mobile home was destroyed and its 7 occupants killed. Most of the other damage was to timber.</p>									
Adams County	4	About 5:20 p.			0	0	?	0	Wind
<p>At Stahlman Lumber Co., Highway 61-S, 1 SW Natchez, (lat. 31.5° N, long. 91.4° W) wind stripped roof from porch across entire front main building, broke all glass from front windows and ripped part of the tin roof from two warehouses at the rear; water damage occurred in both the front offices and plant areas. Nearby 1 large windrow was blown in about the same time at the International Paper Company.</p>									
Rankin County	4	5:40 p.-5:45 p.	1/4	25	0	0	3	0	Tornado
<p>In Old Gold Coast section of county on Casey's Lane (lat. 32.3° N, long. 90.1° W) woman heard roaring sound and felt trailer float off foundation to ground; patio cover demolished and scattered about 300 yards. An unoccupied trailer was lifted from foundation and moved several feet and had trees lying on it. Light limbs were downed, small trees in area blown down and one twisted off about 15 feet above ground; minor damage to small shed on adjacent property. The direction of fall of the small trees indicated a counter-clockwise circulation. Property damages estimated over \$500. Pick-up truck stopped and man told woman he saw small funnel dip down briefly.</p>									
Panola County	4	About 5:45 p.			0	0	?	0	Wind
<p>Batesville Civil Defense reported wind knocked house trailer off blocks. No other reports of damage or casualties.</p>									
Hinds County	4	5:45 p.-6:00 p.							Funnel Clouds Aloft
<p>At 5:45 p.m. radar indicated a hook echo over Jackson moving to ENE at 45 m.p.h. At 5:50 p.m. in West Jackson (lat. 32.3° N, long. 90.1° W) a dark cloud engulfed the Warren Shopping Center area on the corner of Old Clinton Boulevard and Country Club Drive; woman reported a big sign just missed her car, seeing trees blown down and too dark to see other damage. A few minutes later a funnel cloud was sighted in the vicinity of French School in West Jackson, but it never touched down. The Civil Defense siren in Jackson about 5:55 p.m. warned of an approaching tornado over Jackson. At 5:55 p.m. man reported seeing funnel cloud in area of Bowling St. and Country Club Drive moving to the NE (lat. 32.3° N, long. 90.1° W). At 6:00 p.m. police inside apartment on N. State St., 1 1/2 N Meadbrook Mart, reported hearing train-like sound moving overhead; a neighbor claimed sighting a funnel cloud. Around 6 p.m. the roof of a fertilizer company on Livingston Road received wind damage.</p>									
Carroll County	4	About 6:00 p.	**200	100	0	1	3	0	Tornado
<p>Small tornado touched down in Jefferson community about 12 N Carrollton severely damaged rural home and 80-year old woman received a broken leg and other injuries. Several residences received roof damage and some tree limbs were blown off. Damages estimated about \$4,000.</p>									
Forrest County	4	About 10:15 p.			0	0	4	0	Lightning
<p>Hattiesburg newspaper noted, "Fireman said that at about 10:15 p.m. lightning set off a blaze in the home of Marvin Scarborough, 305 Faulkner St. . . . Firemen estimated damage at \$5,000 to the house and \$5,000 to its contents."</p>									
Stone County	7	About 12:45 a.			0	0	?	0	Wind
<p>Sheriff reported damage in area just S of Perkinton campus of Mississippi Gulf Coast Junior College. Deputy Sheriff heard a roaring sound about time trees were blown down across Highway 49 (lat. 30.8° N, long. 89.1° W) between 12:30 a.m. and 1:00 a.m. Some power lines also were blown down.</p>									
Northern and Central Mississippi	7-9				0	0	?	0	Snow
<p>On 7th-8th snow fell in the northern section of the state and spread to the central portion. Hazardous driving conditions were reported in north Mississippi, particularly bridges and overpasses, on 6th and 9th. Some schools were closed in north Mississippi.</p>									
Hancock County	9-10				0	0	?	0	Cold

See footnotes with current data

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
Mississippi (continued)									
Stone County	12	Around 8:00 a.	3	?	0	0	?	0	Tornado
Bay St. Louis newspaper noted, "Frozen water pipes . . . in Bay St. Louis and surrounding areas on Tuesday (9th) and Wednesday (10th) with the thermometer plunging to a low of 21 degrees at 5:30 on Tuesday morning, according to information gathered at the MTF Weather Station."									
George and Greene Counties	12	Around 9:30 a.	8	0 To 100	0	1	4	3	Tornado
Tornado dipped down irregularly for about 8 miles with varying amounts of damage, first in Beaver Dam community north of Lucedale and last at Pee Wee Lewis trailer in Greene County not far from Dickerson Sawmill. Trailer on Beaver Dam Road flipped over and was destroyed, one woman occupant's back hurt a couple of days, her daughter was not injured. Total damages estimated about \$34,000.									
Jackson County	12	9:30 a.	1/2	100	0	2	3	0	Tornado
Civil Defense Director reported storm moved from SW towards NE. During cloudy weather a small funnel dipped down at 9:30 a.m. in the Wade community where a trailer was overturned, a woman and small girl were injured, and several trees blown over. Damages estimated above \$500.									
George County	12	9:35 a.	25	0 To 100	0	2	5	0	Tornado
Tornado dipped down irregularly for about 25 miles with varying amounts of damage, first west of Passagoula River near Old Wilkerson Ferry crossing, then through Central community, to just S of Lucedale and leaving its last trace at the Hall residence, Brushy Creek (near U. S. Hwy. 98). At 2 S Lucedale on Highway 613 a mobile home lurched forward onto a car and the trailer was badly damaged, mother and 5-year old girl received bruises. Total damages estimated about \$74,000.									
George County	12	About 9:40 a.	?	?	0	0	?	0	Tornado
Tornado reported in Broome community at approximately 9:40 a.m. Two trailers said to have been toppled and 1 house unroofed. Newspaper noted, "Telephone communications were knocked out in the Broome community. . . ." Area located near George and Jackson County line, north of Vestly.									
Mississippi	21								Heavy Rain, Wind
A low pressure area moved into Texas and then on to Arkansas. Heavy rains, thunderstorms and strong winds resulted throughout Mississippi. There was much heavy rain damage and the smaller streams had flash flooding. At locations where there was wind damage the rains caused additional losses. Some of the more severely damaged areas are listed separately.									
Central and Northern Mississippi	21				107	1514	7	5	Tornadoes, Funnel Clouds Aloft
There were many reports of funnel clouds aloft and of tornadoes touching the ground in the afternoon or evening; at first in the western part of the area and later more to the east in the mid-section of the area. Most of the storm reports received fitted into three main tracks and a fourth much shorter path of damage. The main damage paths of the Mississippi Delta tornadoes and a mention of other known tornado damage is given below. A consolidated summary of tornado damage is given above. It is suspected that some short tornado touchdowns have not been reported. All three of the major tornadoes had forward speeds mostly 40 to 60 miles an hour, track widths that mainly varied from one-fourth to more than one-half mile, and during portions of their life were aloft with sections of little or no wind damage evident. In counties with tornado damage most reported one path of damage, but in some there were two or three paths or more than one tornado touchdown. The deaths as reported by counties are: Leflore 35, Sunflower 26, Sharkey 23, Humphreys 11, Yazoo 10 and Warren 2. The Red Cross noted that there were 1,514 injuries of which 441 occurred in Sharkey and Issaquena counties and 360 in Humphreys. Dwellings destroyed 544, major damaged 339, minor damaged 193; Sunflower County led with 202 destroyed 79 major and 467 minor. Mobile homes destroyed 92, major damaged 57; Lafayette County led with 33 destroyed and 50 major. Farm buildings destroyed 294, major damaged 168; Humphreys County had 220 destroyed and 51 major. There were 101 small businesses destroyed and 2,398 families suffered loss. The Salvation Army noted that in ten areas it had served over 13,000 individuals, provided over 94,000 food servings, and distributed more than 65,000 articles of clothing. The Mississippi Civil Defense estimates the total property damage as over \$17 million. Of this over \$1.2 million was to school buildings and contents.									
Hinds County	21	12:30 a.							Funnel Cloud Aloft
Near overpass on West Capital St., West Jackson (lat. 32.3° N, long. 90.1° W) public sighted funnel cloud moving towards east.									
Lauderdale County	21	2:30 a. - 6:00 a.			0	0	4	0	Heavy Rain
Heaviest thunderstorms passed Key Field Meridian between 2:30 a.m. and 3:00 a.m. Meridian newspaper noted, "Gallagher Creek, swollen by heavy rains, ran out of its banks early Sunday morning and flooded a number of homes in the north section of the city . . ." The heavy rain produced in a short period of time, created flooding of all small streams in Meridian. About 40 houses were reported inundated, some up to 3 feet, but most from a few inches to a foot of water. The flooding occurred about 4:00 a.m. to 6:00 a.m. then receded rapidly. Damages estimated \$20,000.									
Mississippi (continued)									
Bolivar and Sunflower Counties	21	11:45 a. - 11:55 a.							Funnel Cloud Aloft
A 11:45 a.m. tornado sighting was reported 6 SW Cleveland (lat. 33.6° N, long. 90.8° W) by Police Department. At 11:55 a.m. a tornado was reported by public and a hook echo indicated by radar 5 NE Cleveland (lat. 33.8° N, long. 90.6° W) over Sunflower County moving towards NE at 50 m.p.h. No damage reports received.									
Sunflower, Coahoma, And Tallahatchie Counties	21	11:56 a. - 12:20 p.							Funnel Cloud Aloft
At 11:56 a.m. radar indicated a hook echo 18 S Clarksdale (8 SSW Tutwiler), at 12:02 p.m. 12 SSE Clarksdale (4 NW Tutwiler), at 12:10 p.m. public sighted funnel cloud just N of Tutwiler (lat. 34.0° N, long. 90.4° W). Memphis radio station reported a funnel at Drew at 12:20 p.m. No damage reports received involving these.									
Tate County	21	2:35 p.							Funnel Cloud Aloft
At 5 E Senatobia (lat. 34.6° N, long. 89.8° W), public reported funnel cloud moving towards NE at 45 m.p.h.									
Issaquena to Leflore Counties	21	3:43 p. - 5:10 p.	75				35		Tornado
Tornado damage track extended from near Delhi, La., crossing Mississippi River to near Tallula, Miss., thence to SW of and near Schlater. Included among its targets were Cameta 2 dead, Delta City 7 dead, near Isola 2 dead, Inverness 21 dead, and northwest section of Moorhead 3 dead. The Mississippi portion of the track was about 75 miles long. Man reported to Highway Patrol a funnel cloud 4 W Rolling Fork about 3:55 p.m. moving towards NE. Radar at 4:13 p.m. indicated a hook echo 8 NE Hollandale on the Sunflower River. Man reported tornado on ground 6 W Isola (lat. 33.2° N, long. 90.6° W) at 4:25 p.m. moving NE. Report of total destruction at Inverness received 5:10 p.m. At 2 W Sunflower (lat. 33.5° N, long. 90.6° W) cooperative weather observer reported debris falling out of air, thunderstorm in progress, very heavy rain could only see a few yards, hail and a wind storm in progress.									
Sunflower County	21	4:00 p. - 4:10 p.	8				2		Tornado, Funnel Cloud Aloft
Tornado damage track extended from north of Drew, through Parchman to near Rome. Two persons were killed at Rome. Radar at 3:32 p.m. indicated a hook echo 22 NW Greenwood, at 3:45 p.m. over Drew. Highway Patrol reported funnel cloud just NE of Drew at 4:00 p.m. Drew Police at 4:08 p.m. confirmed a tornado just N of Drew (lat. 33.8° N, long. 90.6° W) moving towards Tutwiler. Dentist at Parchman said, "It touched down about 500 yards east of U.S. 49 W and damaged two houses there. From there it headed north." At Rome (lat. 33.9° N, long. 90.2° W) about 4:00 p.m. a cotton gin and several tenant houses destroyed. Newspaper noted a tornado aloft just west of Tutwiler at 4:15 p.m.									
Issaquena to Tippah Counties	21	4:00 p. - 8:30 p.	198				58		Tornado
Tornado damage track extended from Fittler northeastward through Evarna Plantation (south of Cary), west of Belmont, west of Greenwood, Oxberry, Cascilla, Tillatoba, west of Oxford, lifting before the Tallahatchie River to the ENE of Abbeville, then putting down to SW of Bethlehem community, Marshall County, continued northeast into Benton County, through Woburn on into Tippah County dipping down in the northwest corner near the Benton County line, in the Oakland community and then went on into Tennessee. The Mississippi portion of the path was about 198 miles. Included among its targets were Cary 14 dead, Gooden Lake 7 dead, Mound Lake Plantation 2 dead, Pugh City 21 dead, Swiftown 2 dead, Morgan City 6 dead, U.S. 82 2 W Greenwood 2 dead and near Money 1 dead. Tornado reported at Fittler by State CD. Woman reported tornado at Carey (lat. 32.8° N, long. 91.0° W). At 4:07 p.m. radar indicated a hook echo 5 SSW Rolling Fork. Tornado 2 1/2 NE Rolling Fork (lat. 32.9° N, long. 90.9° W) reported 4:20 p.m., debris in air. Man reported tornado 8 E Anquilla at 4:31 p.m. At 4:32 p.m. radar indicated hook echo 10 SW Belmont. Highway Patrol reported tornado 3 SW Belmont (lat. 33.2° N, long. 90.5° W) at 4:45 p.m., homes destroyed. At 4:48 p.m. radar indicated a hook echo 6 SW Belmont. Gooden Lake community was reported blown away about 5:00 p.m. At 5:03 p.m. radar indicated a hook echo 18 SW Greenwood; funnel cloud reported near Itta Bena, 5 W Greenwood, (lat. 33.5° N, long. 90.3° W) about 5:09 p.m. Highway Patrol reported tornado on ground 8-10 miles NE Greenwood (lat. 33.3° N, long. 89.9° W) received 5:35 a.m., movement NE. Highway Patrol reported tornado on ground N of Avalon, W of Leflore, before 5:43 p.m., moving NE. At 5:43 p.m. radar indicated hook echo 6 W Grenada. At 7:23 p.m. in West Oxford (lat. 34.4° N, long. 89.5° W) City Police sighted tornado moving NE. Highway Patrol reported tornado between Holly Springs and Ashland before 8:40 p.m., power lines and trees down. A tornado was reported on Highway 72 at the Benton and Tippah County line approximately 8:40 p.m.									
Bolivar County	21	4:13 p.							Funnel Cloud Aloft
Funnel cloud reported 12 SW Clarksdale by radio station.									
Coahoma County	21	4:55 p.							Funnel Clouds Aloft
At Fletcher Field, 6 N Clarksdale, Highway Patrol reported 2 funnel clouds at the same time, one on each side of U. S. 49. Airport Manager reported they remained aloft.									
Warren to Holmes Counties	21	5:06 p. - 6:16 p.	69				12		Tornado
Tornado damage track extended from south-southwest of Bovina, passing through Little Yazoo and ending SW of and near Lexington, a total path length of about 69 miles. Included among its targets were near Bovina 2 dead and at Little Yazoo 10 dead. Tornado touchdown was reported to S of Bovina where man said, "It traveled several miles on the ground." There, about 5:07 p.m. it completely destroyed houses leaving only concrete foundation blocks; the fatally injured bodies of a man and wife were across the road in a field, a									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
Mississippi (continued)										
DeSoto County	21	5:25 p.-6:00 p.							Funnel Cloud Aloft	
<p>son was injured. About 5 N Bovina, tornado struck, sheriff reported no deaths there. At 5:19 p.m. radar indicated hook echo 8 N Edwards. Man in Little Yazoo reported his clock broke at 5:30 p.m. At 5:43 p.m. radar indicated hook echo 10 NNE Edwards. Received at 5:55 p.m. on CD NAWAS: man on hill 1 W Flora reported sighting tornado about 10 W Flora. At 6:00 p.m. radar indicated hook echo 6 SE Yazoo City, at 6:10 p.m. 11 SW Lexington.</p>										
Simpson and Covington Counties	21	8:50 p.							Funnel Cloud Aloft	
<p>of residents had taken refuge in storm cellars, but no dwellings were hit and there were no injuries reported.... Roofing and other debris were scattered along the narrow path of the twister for hundreds of yards to the northeast of the struck area.... Northeast Mississippi Electric Power Association reported heavy damage to their lines in the hurricane area.... Only damage reported within the city of Pontotoc was... where two large front plate glass windows were blown out by the high winds." The hurricane school, "The large brick building housing the 170 students in the 12-grade school literally exploded when the twister hit.... destroying the school building...." Other school buildings were damaged, as well as a church and 2 stores. Damages estimated over \$72,000.</p>										
Sunflower County	21	5:50 p.							Funnel Cloud Aloft	
<p>Memphis radar at 5:30 p.m. reported observing a hook echo last few minutes near Hernando, moving towards NE about 50 m.p.h. The Red Cross reported that at 5:30 p.m. the vicinity of Hernando was extremely stormy, but no hail or high winds. The Hernando newspaper noted, "Several residents of Hernando and surrounding area reported hearing roaring high wind of tornado velocity about 6 p.m. Sunday night."</p>										
Wilkerson County	21	6:13 p.							Funnel Cloud Aloft	
<p>Two funnel clouds reported at Inverness by CD moving toward Itta Bena.</p>										
Copiah to Madison Counties	21	6:18 p.-7:08 p.							Funnel Clouds Aloft	
<p>Public reported to Natchez Sheriff a funnel cloud 20 S Natchez (lat. 31.2° N, long. 91.4° W) moving NE (towards Bude). No report of touchdown damage received.</p>										
Hinds County	21	6:20 p.							Funnel Cloud Aloft	
<p>At 6:18 p.m. radar indicated hook echo 10SSW Utida; at 6:38 p.m. 3 ENW Utica, at 6:45 p.m. over Van Winkle, at 7:08 p.m. 8 WSW Canton. At 6:43 p.m. CD reported 2 funnel clouds just W of Jackson and decided to blow siren. At 6:46 p.m. radio station reported funnel cloud aloft over Van Winkle moving NE. A funnel cloud was spotted over the Robinson Street Baptist Church and apparently the same one was spotted over Wright and Ferguson Funeral Home at North West and High Street, but never touched down.</p>										
Hinds to Madison Counties	21	6:23 p.-6:36 p.							Funnel Cloud Aloft	
<p>A pilot who lives in SW Jackson reported he saw and heard a tornado at 6:20 p.m. moving towards NE.</p>										
Hinds County	21	6:54 p.-6:55 p.	Short Narrow	0	0	?	0	0	Tornado	
<p>At 6:23 p.m. radar indicated hook echo 7 W Raymond, at 6:35 p.m. 8 NNW Raymond, at 6:36 p.m. 2 SW Flora.</p>										
Benton County	21	7:00 p.-8:00 p.	Several	?	0	0	0	?	Tornado	
<p>At 6:54 p.m. a funnel cloud was observed 3 S Clinton. Clinton Police reported tornado on ground just S of Clinton (lat. 32.3° N, long. 90.1° W). No significant damage located.</p>										
Rankin County	21	7:10 p.-8:00 p.	Short Narrow	0	0	?	0	0	Funnel Cloud Aloft, Tornado	
<p>Tornado struck about 8 E Holly Springs in T38 RW Section 27 E of and near Scales Tower and went NE for several miles in woods.</p>										
Rankin County	21	7:29 p.-7:35 p.	Short Narrow	0	0	?	0	0	Funnel Cloud Aloft, Tornado	
<p>A loud roar heard at 7:10 p.m. at Florence. At 7:20 p.m. radar indicated a hook echo 3 WSW Florence. Man reported that early Sunday night on Highway 49 between Florence and Plain what appeared to be a "large whirlwind" stood his car almost vertical on the back wheels, turned it around several times and then dropped the car into a roadside ditch right-side up. Apparently only a brief touchdown; no extensive damage reported. Newspaper noted a funnel cloud 2 S Brandon at 8:00 p.m.</p>										
Rankin to Oktibbeha Counties	21	7:58 p.-9:30 p.							Funnel Cloud Aloft	
<p>At 7:29 p.m. radar indicated a hook echo 4 SSW Thompson Airport Jackson, at 7:32 p.m. there was one 5 SW Thompson Airport Jackson. At 7:35 p.m. at McLaurin Shopping Center (lat. 32.3° N, long. 90.0° W) man reported funnel cloud touchdown, trees blowing down, high winds. In their lifted, another man described the weather as "high winds and a funnel cloud attempting to touch ground, heavy rain, trees and power lines falling." It apparently passed aloft in the vicinity of the airport.</p>										
Montgomery County	21	About 8:00 p.			0	0	?	0	Wind	
<p>At 7:58 p.m. radar indicated hook echo 12 NNW Pelahatchie. At 8:30 p.m. man saw funnel cloud 1 S Carthage moving towards NE. At 9:00 p.m. radar indicated hook echo over Winburg. At 9:30 p.m. public reported sighting funnel cloud between Starkville and Ackerman moving NE.</p>										
Pontotoc County	21	8:10 p.	Short Narrow	0	0	5	0	0	Tornado	
<p>High winds and heavy rain at Winona. Cooperative weather observer there noted, "One family, in this community, had one barn completely demolished, another badly damaged and numbers of big trees around the house twisted off about 6 ft. from ground. The antenna was blown down but no damage to house. Tin from barn was blown in fields a mile away. Some tin in trees. Wire was blown from fence posts and posts left standing."</p>										
<p>A tornado dipped down in Hurricane Community, Pontotoc, 16 W Tupelo (lat. 34.3° N, long. 89.0° W), creating extensive damage in a localized area of the center of the community. Newspaper noted, "Many</p>										
Mississippi (continued)										
Simpson and Covington Counties	21	8:50 p.							Funnel Cloud Aloft	
<p>Funnel cloud aloft sighted 8:50 p.m. 1/2 S Magee (lat. 31.9° N, long. 89.8° W), a loud roar reported. Mendshall newspaper noted it "was spotted in the Magee area... as it moved south to Mt. Olive and finally dispersed in the Collins area...." The Magee Chief of Police said, "It appeared to be about 100 to 150 feet above the trees. It was a funnel, big at the top and small at the bottom." Newspaper noted it "... seemed to come from the vicinity of between the Magee airport and New Highway 49. It is believed that the tornado never touched ground as it moved...."</p>										
Coahoma County	21				0	0	?	0	Hail	
<p>Clarksdale newspaper noted "Clarksdale and Coahoma County apparently came through Sunday's bad weather more or less unscathed.... some hail was reported twice during the day, there were no reports of strong surface winds - either tornadoic or otherwise.... the rain fell in brief torrents on several occasions, and streets were temporarily flooded after each downpour.... Radio reports indicated that there was extensive wind damage in Mattson, Miss., but checks today (22nd) indicated only some broken window panes... a mile west of Mattson.... Hail damage to roofs over city was considered a possibility...." The wind damage at Mattson had been reported as occurring about 5:10 p.m.</p>										
Calhoun County	21	p.m.							Funnel Cloud Aloft	
<p>Calhoun City newspaper noted "... a number of people reported hearing tornadoes pass over, too high to do any real damage."</p>										
Alcorn County	21	p.m.			0	0	?	0	Heavy Rain	
<p>Alcorn newspaper noted, "Torrential rains and threatening winds drenched the city with continuous thundershowers which began early Sunday morning and continued through much of the night...." "Heavy rain Sunday afternoon,.... Flooded low lying areas in Alcorn. Some homes were threatened in Melby Park.... Several Corinth Streets were flooded and closed to traffic.... Roads were severely damaged by the excessive rainfall.... Many culverts and bridges were washed out,...."</p>										
Calhoun County	21-22				0	0	?	0	Heavy Rain	
<p>Calhoun City newspaper noted "the torrential rains accompanying the storm caused flooding in the Schoona River and the natural gas line serving the city was washed out when the north bank of the river caved under pressure of the flood water." The break occurred about 6:30 a.m. on 22nd and resulted in gas service being cut off to some 450 customers in Bruce and vicinity.</p>										
Sunflower County	26	4:45 a.-5:00 a.							Funnel Cloud Aloft	
<p>At 4:45 a.m. radar indicated an area of embedded heavy thunder-showers, 75-100 miles wide, extending from W of Cleveland southward to 40 miles N of Lafayette, La. with movement to the NE at about 55 m.p.h. At 4:53 a.m. radar indicated a hook echo 10 SW Ruleville. At 5:00 a.m. Indianola reported heavy wind, lightning and partial power loss. Newspaper noted, "Over 500 persons at Indianola piled into CD shelters and an Indianola policeman reported seeing a funnel cloud pass over the city as lightning flashed and rain fell in 'sheets.' One resident of the city said her house shook and the front door flew open during this time."</p>										
LeFlore County	26	5:20 a.-5:30 a.			0	0	?	0	Wind	
<p>At 5:20 a.m. Highway Patrol reported heavy wind and rain at Schlater. About 5:30 a.m. at a private airport just N of Minter City on Highway 49 (lat. 33.8° N, long. 90.3° W) top of hangar was blown off. Civil Defense authorities said high winds damaged the hangar.</p>										
Central and South-west Mississippi	26	a.m.			0	0	?	0	Heavy Rain	
<p>Newspaper noted, "Heavy rains caused flash flooding in parts of Mississippi,...." Most of the flooding reported in the central portions of the state.</p>										
Rankin County	26	8:18 a.							Funnel Cloud Aloft	
<p>At 7:45 a.m. radar indicated a solid line of heavy thunderstorms 18 miles wide from Louisville to Carthage to Brandon to Hazlehurst on into Louisiana. At 8:18 a.m. radar indicated a hook echo 10 SE Brandon moving towards NE at 60 m.p.h.</p>										
Lincoln County	26	9:25 a.							Funnel Cloud Aloft	
<p>A Craft Metal Products truck driver reported a funnel aloft at 9:25 a.m. in vicinity of Brookhaven. Highway Patrol reported no touchdowns in that area at that time.</p>										
Jasper County	26	About 9:30 a.			1	?	0	4	0	Tornado
<p>Storm moved from W towards E. During very fair weather small</p>										

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS		
Mississippi (continued)										
										tornado dipped won at 3 SE Rose Hill (lat. 32.1° N, long. 88.9° W) near Highway 18 between Rose Hill and Pachita and caused damage along a path of about 1 mile. A mother and her 3 children were injured when their mobile home "turned over" and was flattened. Tops of several houses were blown off, about 4 others were damaged; some trees uprooted and electric power lines were down (and hot). Damages estimated over \$5,000.
Jasper County	26	9:40 a. - 10:43 a.			0	0	?	0	0	Wind
										At 9:40 a.m. trees were blown across Highway 15 just N of Montrose (lat. 32.1° N, long. 89.2° W) blocking highway; storm reported moving towards NE. Newspaper noted, "... highway patrolmen later reported that apparently heavy rains and strong winds had blown over trees. . . ." At 10:43 a.m. Highway Patrol reported that in Jasper County to NE of Garlandville (lat. 32.2° N, long. 89.1° W) trees were down.
Stone County	26	10:00 a. - 10:30 a.			0	0	4	0	0	Wind, Funnel Cloud Aloft
										Newspaper noted, "... damaging winds and drenching rains. . . Friday morning bringing spots of destruction about the county. . . . Heavy rains preceded and followed the winds. In Wiggins. . . damage was relatively minor. A few TV antennas were crooked, garbage cans overturned and limbs strewn over the streets. In the rural areas about Wiggins, some trees were snapped off and power lines damaged. Near Wiggins, on Oil Well Road, a house trailer was completely destroyed." At 10:00 a.m. slight roof damage to band room and choral hall and minor damage to outbuildings with \$5,000 estimated total damage cost was sustained at Stone Junior High School. At 10:15 a.m., an auto dealer's car shed blew away damaging 12 new cars; an eye witness said it was straight line winds (not tornado). Woman reported seeing funnel 1 1/2 miles SE Wiggins about 10:15 a.m.; lightning and thunder began just after seeing funnel for only a few seconds; it appeared quite high off the ground, "little fingers" hung down from it; it turned very dark just after seeing funnel; she suspects other funnels were nearby judging from talks with other people later.
Perry County	26	Morning			0	0	?	0	0	Wind
										Newspaper noted, "... winds destroyed a trailer in the Pine Bluff community." It "... was blown to bits. . . . In addition, four large chicken houses. . . were damaged and a reported 6,000 chickens killed." Another newspaper described it as "Perhaps the worst stricken spot in the area. . . located on the road from Crossroads Baptist Church to Highway 29."
Lauderdale County	26	10:00 a. - 10:45 a.			0	0	?	0	0	Wind
										About 10:00 a.m. on Highway 45, at 8 S Meridian (lat. 32.2° N, long. 86.7° W) wind unroofed 1 house, damaged barn and downed several trees. County Civil Defense Director said gusty winds damaged a barn, uprooted trees and blew several windows out at a new church building under construction in the Zero community south of Meridian. Other minor damage was reported in the area. About 10:15 a.m. at 7 NW Enterprise (lat. 32.2° N, long. 88.9° W) wind damaged 1 roof top and blew trees down.
Clarke County	26	10:30 a. - 10:43 a.			0	0	3	0	0	Wind, Funnel Cloud Aloft
										At 10:11 a.m. Highway Patrol reported only dead limbs down in Enterprise. About 10:30 a.m. near 1 N Enterprise, damages attributed to wind estimated \$3,000 occurred to 2 homes; occupants reported during rainy weather, one funnel was observed and heard "a terrible roaring." At 10:43 a.m. on Juanita Road, halfway between Highway 11 and U. S. 29 Enterprise Exit (lat. 32.1° N, long. 86.8° W) wind took tin off house and blew 1 pine tree down. Newspaper noted, "... highway patrolmen later reported that apparently heavy rains and strong winds had blown over trees. . . near Enterprise."
Stone County	26	11:00 a.			0	0	?	0	0	Wind
										At 6 W Berndale (lat. 30.9° N, long. 88.9° W) high winds blew trees down over Highway 26 closing it for a brief period.
Greene County	26	11:00 a. - 11:15 a.	?	?	0	0	?	0	0	Tornado
										Highway Patrol reported tornado touchdown about 11:00 a.m. between McLain and Leakesville in woods with much timber damage. Civil Defense Director reported it occurred 8 W Leakesville (lat. 31.1° N, long. 88.7° W), about 11:15 a.m., touched down in 3 places, twisted trees, etc.
Missouri										
Spring City Area, Newton County	4	8:10 AM	1/5	30				3		Tornado
										The larger of twin funnel clouds aloft observed in the area just southeast of Spring City descended briefly to cause damage to trees and outbuildings on two adjacent farms 1 mile east and 1/2 mile south of Spring City (4-1/2 miles south of I-44-Mo-86 Interchange).
Near Avilla, Jasper County	4	8:45 AM	1/6	15				4		Tornado
										One of a set of three "pigtail like" funnel clouds aloft touched down briefly on a farm 1-1/2 miles north and 3/4 mile east of Avilla in east Central Jasper County. Part of a barn was unroofed, a machine shed destroyed, and power lines and fences downed. Winds removed portions of two roofs at a meat processing plant 4-1/2 miles southwest of the above location a short while earlier but it could not be determined if the damage was tornadoic.
Missouri (continued)										
Louisburg, Dallas County	4	10:30 AM						3		Thunderstorm Winds
										A barn and several outbuildings were destroyed by strong winds on the Dale Storm Farm, 2 miles west and 3/4 mile south of Louisburg, in northwest Dallas County. Reports of tornadoic activity could not be verified.
Mildred Area, Taney County	4	11:00 AM						3		Thunderstorm Winds
										Strong thunderstorm winds uprooted numerous trees and damaged roofs and sheds at a number of locations in the Mildred area on Missouri Highway 86, about 7 miles due east of Branson.
Wellsville, Montgomery County	4	Afternoon						1		Lightning
										The Wellsville Station Agent for the Burlington Railroad was injured when a lightning stroke followed telephone lines into the station to his earphones. He suffered temporary paralysis and deafening, and a burned foot.
Perry County	4	1:30 PM								Funnel Cloud
										A funnel cloud was reported 5 miles northwest of Perryville.
Sikeston, Scott County	26	11:30 PM						3		Thunderstorm Winds
										Strong thunderstorm winds with gusts estimated by the public to 70 miles per hour caused scattered structural and tree damage in the Sikeston-Morehouse area.
Montana										
Eastern Half	13-20				0	0	5	0	0	Flooding
										Snowmelt accompanied by ice jams caused extensive flooding along the Yellowstone River from Billings to Sidney, the Powder River near Broadus, and the Musselshell River from Melstone to Mosby. Heaviest flooding observed was along the Yellowstone River where four county bridges were destroyed by ice jams, an estimated 219 cattle were drowned, homes and outbuildings damaged and an undetermined acreage flooded.
Nebraska										
Eastern Nebraska	18-21				1	0	7	6		Thunderstorms, heavy rains, flooding
										Widespread showers and thunderstorms with unusually large amounts of rainfall for winter-time. Most of southern two-thirds of State except southeast corner received amounts that frequently reached the one to three inch category. Rain coupled with considerable snowmelt and frozen ground gave excessive runoff in northeastern portion of State. Heaviest flooding occurred east of the Knox-Platte-Sarpy county line. Ice jams increased the overflow and damage. Extensive farmland flooded, town and rural buildings damaged or destroyed, bridges washed out, etc.. One life lost when bridge collapsed, carrying car and occupant into flooding stream. Livestock loss numbered in the thousands, mostly from drowning but some by lightning and other causes.
Eastern Nebraska	21-22				2	?	0	0		Blizzard
										Snow fell over entire State, blizzard conditions mainly in eastern half. Roads were blocked and activities halted. Two lives lost from exhaustion and exposure. Ten others lost from indirect causes, mostly from heart attacks while scooping snow. Many injured from falls, etc.. The northeast was still experiencing floods from the storm described above when the blizzard struck.
Nevada										None Reported
New Hampshire										
State	5				0	0	3	0		Snow, glaze, wind
										Mixed precipitation with mostly 3 to 8 inches snowfall and sleet, with glazing from freezing rain in many areas. Travel hazardous. Ice and snow loading combined with wind to break tree branches, etc.
State	8				0	0	0	0		Snow, glaze
										Mixed precipitation with snowfall mostly 5 to 10 inches. Freezing rain coated surfaces to 1/8th inch thick. Travel difficult and hazardous. Glazing conditions into the 9th in some areas.
Southern portion	20				0	0	0	0		Glaze
										Freezing rain caused widespread glazing, continuing into the 21st in some areas. Roads very hazardous with many accidents.
Southern	23				0	0	0	0		Glaze
										Freezing rain caused widespread glazing, continuing into the 24th in some areas. Travel hazardous.
New Jersey										None Reported

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					KILLED	INJURED	PROPERTY	CROPS	
New Mexico Lincoln County	20-21	Evening-Morning			1	0	0	0	Heavy Snow
			Hiker in Eagle Canyon area, near Ruidoso, caught in heavy snow storm of more than a foot of snow with drifts estimated to five feet. Body recovered on 23rd, with death caused by cold and exposure.						
New York Oswego, Lewis and Jefferson Counties	1-2	a.m. to p.m.							Snow
			Very heavy snow squalls occurred in immediate eastern lee of Lake Ontario during two-day period. Village of Mexico buried under 30 inches of snow, Plunk 16 inches, Oswego 14 inches, all in Oswego County, with 6 to 12 inches southern Jefferson and western Lewis Counties. Widespread closure of schools in affected areas as drifting of city streets, major and secondary highways rendered travel very hazardous, if not impossible.						
State	4-5				4				Freezing rain, wind
			Freezing rain, occasionally mixed with sleet, affected wide areas of the State. Highways and streets coated with thin layer of ice made travel very hazardous and forced closure or early dismissal of schools. Areas notably crippled were the Finger Lakes, Champlain Valley, lower Hudson Valley and Suffolk County on Long Island. Strong winds on 5th battered southwestern counties and areas east of Lake Ontario. Two tractor trailers blown off N. Y. Thruway at Ripley, Chautauque County but drivers uninjured. Barn unroofed and 212-foot radio tower blown over in Chautauque County. Many communities affected by power and telephone failures in Jefferson and Lewis as ice coatings plus winds broke transmission lines. Gusts of 63 mph. measured at Waterbury airport.						
State	7-9				5				Snow, rain, flooding
			A remarkably uniform snowfall of 8 to 12 inches blanketed the State, except Long Island and extreme southeastern upstate, with up to 15 inches in the higher elevations of the Adirondacks and Catskills. Little Falls, Binghamton and Jamestown 8 inches, Buffalo, Ithaca, Canton and Malone 10, Lockport, Geneva and Albany 11, Cooperstown 12 and Syracuse 13 inches. Widespread closure of schools occurred in nearly all counties upstate as highway crews were hard pressed to keep roads and city streets opened. Many auto accidents, especially in western half, and several fatalities reported. Lumber yard warehouse collapsed in Sullivan County (damage \$50,000) while collapse of several small sheds were reported from Glensville area. As snowfall decreased to 4 inches or less in the lower Hudson Valley, precipitation as rain totaled 1.0 to 2.0 inches in Greater New York City area and Long Island. Extensive and deep flooding of highways, streets, basements and low lying areas occurred in Queens and Nassau Counties. Moderate to heavy snow squalls occurred in the Lake Ontario snowbelt on the 10th.						
Western half and Mohawk and St. Lawrence Valley	13-14	early a.m. to early p.m.			1	2	5		Snow, sleet, freezing rain, flooding
			Complex storm system moving from Carolinas to southern Quebec produced a variety of severe storm effects. Heavy snowfall of 15 to 25 inches occurred 10 to 20 miles either side of a line from Wellsville, Allegany County toodus, Wayne County, continuing northward through Oswego and Watertown to Massena in St. Lawrence County. To the west of the line amounts decreased gradually to 6 to 12 inches in the extreme western counties. To the east of the line accumulations decreased sharply to 2 to 6 inches, occurring largely as sleet, along a line through the Elmira, Ithaca, Auburn and Syracuse areas. From the central Finger Lakes west to Lake Erie the heavy snowfall closed highways from Seneca and Yates Counties to Wyoming and Cattaraugus as parts of Allegany and Steuben Counties measured the heaviest snow since February 1961. Many people were stranded in stalled autos and required rescue by snowmobile or snow plows. Numerous auto accident fatalities, one man killed in Chautauque County when struck by vehicles during periods of poor visibility. Snow caused collapse of building block in downtown Olean, injuring one person and resulting in damage estimate of \$100,000. Snowfall of 15 to 20 inches in St. Lawrence County was heaviest storm total since 1947 as communities were snowbound for several days after storm. More than a dozen buildings, including barns, storage sheds, warehouses and marinas, collapsed from weight of new snow plus accumulations of ice and snow from previous storms in such diverse communities as Penn Yan, Seneca Falls, Lyons, Morristown, Massena, Little Falls and Glensville. Freezing rain and sleet caused extensive power failure and tree damage in North Syracuse and Chittaugo areas. Precipitation, mostly as rain, totaled from 2.0 to 2.7 inches from eastern Finger Lakes to Chenango County and northward to western Mohawk Valley. Flooding of Reals Creek in North Utica heavily damaged home and motel, while extensive flooding from overflowing creeks was reported in towns of Herkimer, Mohawk and Ilion in Mohawk Valley. Snowfall of 2 inches or less occurred in the mid and upper Hudson Valley but precipitation mostly as rain totaled from 0.7 to 1.25 inches. Thunderstorm activity observed in the Eastern Plateau as freezing rain and sleet extended to the eastern Adirondacks and Champlain Valley.						
Monroe County	28						4		Wind
			Automobile agency had roof blown off at Greece with several new cars damaged by debris. Flat glass windows were broken by winds at several business establishments in Rochester. Gusts up to 58						
New York (continued)									
			mph. were measured by the National Weather Service at the Monroe County Airport.						
North Carolina Interior	3-5				1	300	5	0	Glazing, fog
			More than 48 hours of temperatures near or below freezing, with periods of rain, drizzle and fog. Many wrecks due to ice on highways and dense fog. One woman killed in weather-related auto accident. Numerous injuries, mostly due to falls, some to auto accidents. Power and telephone lines down many areas. Widespread breaking of tree limbs; some whole trees down.						
Person County	5	9:30am					3	0	Wind
			Several small areas of local wind damage north of Roxboro. Antennas bent, roofs damaged, sheds moved.						
Moore, Randolph and Robeson Counties	7	Noon-1pm					3	0	Electrical, hail
			Lightning struck a tree near Asheboro, throwing parts of the tree through window of home. Disrupted telephone service. One-inch hail reported near Lumberton, broke windshields; marble size hail in Aberdeen.						
Statewide	13				0	3	5	0	Wind, snow
			A vigorous low pressure storm passed directly across North Carolina, causing strong winds and a variety of stormy weather. Considerable beach erosion and some structural damage coastal areas where wind gusts reached near hurricane force. Three men hurt when building blew down in Currituck County. Power out along entire Outer Banks north of Ocracoke; power and telephone lines also down many Mountain areas. Light to heavy snow in Mountains was whipped into blizzard conditions by wind. Many people stranded in ski slope areas; many auto accidents. Scattered minor wind damage interior.						
Cumberland, Duplin, Edgecombe, Pitt and Sampson Counties	22	5:30-9pm	80	500	2	64	6	0	Tornado or tornadoes
			Struck two areas of Fayetteville at 5:30pm, moved northeastward 80 miles to near Pitt-Edgecombe County line, louching down occasionally about 5 miles actually damaged. Maximum width about 500 yards, less most areas. Two women killed when home demolished in Fayetteville; most injuries and about 3/4 of property damage there. Total of 40 homes destroyed, 125 with major damage, 200 with minor damage. No reports of funnel sighted; heavy rain. Time doubtful except Fayetteville area; possibly more than one tornado. Scattered wind damage other areas.						
North Dakota									None Reported
Ohio Entire State	4	3:00a-9:00a			?	?	?		Freezing rain
			Freezing rain brought traffic to a standstill and caused the closing of almost every school in an eight county area. The hardest hit were Lucas, Seneca, Wood, Fulton, Henry, Sandusky, Ottawa, Hancock, Williams, Paulding, and Defiance Counties. Traffic accidents were common throughout this area. Traffic was backed up six miles on U. S. 224 from State Rt. 19 north of Bloomfield after a truck stalled on a hill. Most other communities reported glaze conditions but not so pronounced as in the northwest.						
Scattered Areas	5	Morning			0	0	4		Wind and rain
			Early morning rains and gusting winds to 70 mph left many communities without power and telephones particularly in South Central and the Central Hills areas. Winds caused considerable damage at the Wayne County Airport including a heavily damaged airplane and heavy damage to a hangar. A barn near the airport was also destroyed.						
Most of State	8-9	All of 8th-morning of 9th			14	?	?		Snow and wind
			One of the heaviest snowfalls since November 1950 fell throughout the day on the 8th and early morning on 9th. All of Ohio east of a Hamilton to Sandusky line was in the storm's path. Snow depths of 6 to 10 inches were common on 9th. Winds of 30 to 40 mph also made drifting an important problem. Many businesses and schools were closed early on the 8th and throughout the day on the 9th. Temperatures of 5 to 15 degrees accompanied the strong winds. In Cleveland the storm caused the "worst and longest traffic jam" in Cleveland's history. Snowdrifts up to 8 feet in height were reported in Summit and Stark Counties. Abandoned vehicles hampered snow removal operations. At least 14 deaths were attributed to the storm. All but 3 of these were heart victims who succumbed after shoveling snow.						
Northwest Ohio	22	1:00a-8:00a			0	?	?		Freezing rain
			A freezing rainstorm brought hazardous driving conditions and forced the closing of most schools.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Ohio (continued)									
Entire State	22	Afternoon-evening			0	0	5		Wind, hail, and rain
									High winds resulted in widespread but light property damage. Winds which accompanied some thundershowers downed tree limbs which caused power failures. Hail ranging in diameter from 1/4 to 1 inch was reported at scattered locations. Golf ball size hail was reported in Toledo and Cambridge.
Deer Creek Dam Fayette, Pickaway Counties	22	4:25p	2	100	0	0	4		Tornado, hail and rain
									Eyewitnesses watched a funnel form near Manara, dip to the ground twice near Washington-Waterloo Road at Ohio 207 and then rip dirt and debris two more times near Deer Creek Dam (The funnel also touched down in the middle of the Deer Creek Reservoir.). One witness said there were about four fingers hanging out of a cloud--all of a sudden one finger came down and the rest disintegrated. Some rain and small hail were reported along the storm's path but further away from the funnel, hailstones the size of golf balls fell in Washington Court House. The storm moved north-northeast. The only property damage was to several farm buildings.
Columbus, Franklin County	22	4:55p	8	100	0	7	6		Tornado, rain and hail
									Tornado first touched ground in the vicinity of Alum Creek Drive and Main Street. The storm moved toward the north northeast. Damage at the southern end of this nearly continuous line branches into a Y with scattered damage more than 2 miles to the southwest of the juncture and 2 miles south of the intersection of Alum Creek Drive and Main Street. Many persons watched as the storm demolished entire warehouses, uprooted trees, collapsed homes and tore roofs off other buildings. Residents along or near the storm's path reported lawns covered with hail long after the storm had passed. Total damage was set at \$2.8 million.
Medway, Clark County	27	12:05a	0.5	100	0	1	4		Tornado
									This storm struck a trailer court where one roof was torn from a trailer and rolled into a roll; one trailer was lifted and turned at an angle on its roof, at least three other mobile homes were overturned. The storm then hit a large barn and tore away one side. A local newspaper reported rain and hail accompanied the winds. Movement of the storm was from the southwest to northeast.
Entire State	26-27	10:00p-05:00a			0	1	5		Wind
									Wind gusts of 45 to 60 mph accompanied a line of thunderstorms that moved rapidly across Ohio. The sudden wind gusts blew out windows, damaged roofs, downed trees and utility lines at scattered areas throughout the state.
Oklahoma Afton area, Ottawa County	4	7:00a.-8:00a.	3	*3	0	0	3	0	Wind
									Straight winds estimated at 75 MPH damaged outbuildings on surrounding farms and broke glass out of several homes in Afton.
15E Broken Bow, McCurain County	4	10:00a.-10:10a.	1/2	220	0	0	3	0	Tornado
									A tornado moving southwest to northeast struck the ground just north of U.S. 70 causing damage to trees.
Near Lawton, Comanche County	18	12:35p.-12:40p.	**150	100	0	1	4	0	Tornado
									A tornado struck Fisherman's Cove on the northeast shore of Lake Ellsworth near Lawton. Five horse trailers, two pickup trucks and a concession stand were demolished. One woman was injured.
Apache, Caddo County	18	12:35p.-1:00p.			0	0	0	0	Hail, funnel aloft
									Hailstones, 1/8 to 1/4 inch in diameter, fell for about one minute but left the ground almost covered. Hail reported as clear stones. One funnel aloft was sighted west of Apache at 1:00 p.m.
Oklahoma City, Oklahoma County	18	1:00p.-2:00p.			0	0	1	0	Wind
									Strong winds estimated at 50 MPH caused minor damage in south part of City.
Oswalt, Love County	18	Around 2:00p.			0	0	0	0	Hail, wind
									Hailstones up to 1 inch in diameter and wind gusts of 60-70 MPH struck the area. There was no reported damage.
Oklahoma (continued)									
NW Half State	20-22	Evening, 20th - AM, 22nd			1	7	6	0	Blizzard
									One of the worst blizzards of record struck northwest Oklahoma. The storm moved into the State during the evening of the 20th and by the morning of the 22nd, over 30 inches of snow had fallen in parts of Harper and Woodward Counties. A number of stations in the northwestern Counties reported in excess of 10 inches of snow. Buffalo, in Harper County, measured 36 inches of snow on the morning of the 22nd, a new snow depth record for the State. Winds of 30-50 MPH drifted snow to depths up to 20 feet in some areas. Most all roads were closed leaving hundreds of travelers stranded and thousands of cattle marooned. Dozens of schools were closed and several towns without electrical power. The southeast edge of the storm extended along a line from the southwest corner of the State to the northeast corner. Along this line snowfall averaged 2-5 inches. Air Guard C-124 Globemaster airplanes were used to fly 300 tons of hay to marooned cattle. When a stranded herd was spotted, the plane would descend and "drive-bomb" 5 to 10 bales of hay to the cattle. One death was attributed to the storm when a woman drowned in Wagoner County, a northeast county, after her car spun off the highway on icy roads into a creek. An unknown number of motorists were treated for exposure after being rescued from their stranded cars. Some motorists were stranded up to 37 hours. Property loss from the blizzard was estimated at \$2.1 million. Most of the loss was livestock which included 11,000 cattle, 3,500 hogs and 1,000 sheep.
Oregon Northern one-third of State	10	9:00a-5:00p			0	0	4	0	Wind
									Scattered wind damage resulted across the northern third of Oregon as a cold front pushed eastward. Topped trees and downed electrical lines caused power outages at McMinnville, Bend, LaPine, southern Morrow County, La Grande, Elgin and Joseph area. Some outages lasted 1-1/2 to 7 hours. At McMinnville a barn and two light standards were demolished. A trailer home was overturned at Rex. Eight trees were toppled at Shevlin Park, 5 miles west of Bend, with one caving in the roof of an old hatchery building. Wind at The Dalles blew a camper over on its top crushing a nearby parked car, and a Chenoweth primary school lost a 30 by 40-foot section of its roofing. A 14-foot wide mobile home was demolished on Interstate 80N about 1 mile west of The Dalles. The trailer being towed in the eastbound lane was blown over the center median barrier into the westbound lane where its disintegrating mass nearly struck a school bus headed for Rowena. The Dallesport airport reported wind gusts above 50 mph between 10 am and 5 pm with highest gust of 51 mph recorded at 4:19 pm. Drifting sand closed roads and trapped 2 motorists on the Boardman Bombing Range with blowing dust lowering visibility across Morrow and Umatilla Counties. The Pendleton Weather Service Office recorded gusts up to 61 mph at 11:04 am with blowing dust reducing visibility to 1/2 mile at 1:36 pm.
Molalla, Clackamas County	24	2:00p			0	1	3	0	Wind
									Locally strong southerly winds peeled a 150 by 100-foot strip of roofing from the Molalla High School. Flying debris from the flat roof dislodged a large plate glass window which struck a teacher and badly bruised his leg.
Western Oregon	25-28	All days-noon 28th	290	*120	0	0	4	0	Snow
									A persistent 4-day period of rain and snowfall provided western Oregon with its fifth major storm of the winter. Only snow fell in the mountains and higher locations while the coastal lowland had snow mixed with rain or snow melting as it fell. The western valleys generally received midday rains with snow occurring at night. Snowfall totaled mostly 2-4 inches at lower valley locations with snowfall in the foothills increasing sharply with 20-30 inches received at the higher elevations and along the northern half of the Coast Range. Snowfall above 4,000 feet in the Cascades ranged from 45 to 97 inches. Maximum snow depths were generally 3 to 6 inches in the lower valleys, 10 to 30 inches in the foothills and on the Coast Range. Increase of snow depth in the Cascade Mountains ranged from 35 to 51 inches. Storm precipitation varied mostly from 1.50-1.70 inches in the valleys, 2.00-4.00 inches in the foothills and Coast Range and 4.00-7.00 inches in the Cascades. Valley highways were especially hazardous during the night hours of the 26th and 27th while mountain passes reported blizzard conditions. Numerous snow related automobile accidents were reported during the storm. On the afternoon of the 27th, a Salem District school bus slid from the highway with only eight students receiving minor injuries. Some electrical and telephone outages were also reported. Two-foot-deep fresh snow in the Breitenbush area, Marion County, stranded 28 persons on a several day school outing. Members of the Mt. Hood Snowmobile Club volunteered 20 machines to transport the students 14 miles back to the main highway.
Pacific 8 Miles N of FAA Tower, Wake Island	10	7:29 a.-7:47 a.							Funnel cloud
									A corkscrew-shaped funnel cloud descended from leading edge of cumulus congestus cloud (flat base estimated 1,800 feet and tops 9,000 feet) tilted with the westward-moving cloud. Impossible to tell whether funnel reached ocean surface. Sky condition was two-tenths cumulus and thin cirrus overcast.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
Pennsylvania Crawford County	5	Day			0	0	4	0	Wind	South Dakota South central and southeast	18-19	18-late p m 19-all day			0	0	5	0	Icing, local blizzard
Northern Pennsylvania	13-16				0	0	5	0	Wind, snow, ice										Rain started on afternoon of 18th and by late in day, temperatures dropped to below freezing resulting in a glaze up to 3/4 inch. Many utility lines were downed by the glaze on the lines or by falling trees and branches. Temperatures continued to drop during the night changing the rain to snow by the 19th. Strong winds accompanied this snow causing local blizzard conditions.
Southeastern Pa.	13	Day-night			1	0	6	0	Rain, lightning	Central	18-19	18-late p m 19-all day			0	0	0	0	Locally heavy snow
										Most of state	26	All day			0	0	0	0	Local blizzard conditions
																			Huron reported 11 inches of snow.
																			Snowfall was generally light with strong winds of over 30 MPH causing considerable blowing and drifting of snow which occasionally reduced visibility to zero.
										Tennessee East (1/2 of State)	4	a.m.			0	0	0	0	Glaze, sleet
										State	7-8				0	0	4	0	Snow, glaze
																			A combination of light to moderate snow and below zero temperatures created extremely dangerous conditions for driving and walking in most places. Fast falling temperatures turned city streets and highways into sheets of ice causing skidding accidents and injuries to pedestrians in falls. Scattered power failures were reported. Storm yielded 2 to 4 inches in most areas of the State except in north-central, where amounts totalled 8 to 10 inches.
										State	13-14				0	0	4	0	Snow, glaze
																			Snow frequently mixed with rain in western areas, mostly snow central Tennessee and higher elevations. Direct damage relatively light; trees, limbs and power lines broken in scattered areas. Weather was a contributing factor, however, to many traffic accidents and falls with numerous injuries, several serious, and at least two deaths. Snow totalled mostly 1 to 3 inches in west, but increased to 4 to 8 inches in northeast. The National Park Service at Gatlinburg reported totals to 8 inches on the Foothills Parkway from Walland to Chilhowee.
										Northwest	21-22				0	0	5	0	Heavy rains, flooding
																			Minor to locally moderate flooding occurred along the Forked Deer River in western Lake and Dyer counties. Flood stages were reached at and below Dyersburg, but flooding was more pronounced along the Lowlands adjacent to the Mississippi River, where 80,000 acres of unprotected farmlands were reported flooded. Most damage was to pastures and fences along the Lowlands from Ripley to Union City. The two-day rainfall, most of which fell on the 22nd, totalled 5 to 4 inches over at least the northwest portion of the State.
										Memphis, Shelby County	21	6:15p.m.							Funnel clouds
																			Funnel clouds reported over Memphis.
										McNairy, Hardeman Counties	21	8:15-9:35p.m.			0	36	6	0	Tornado (2)
																			A tornado touched down in southeast Selmer, McNairy County on Highway 45 just south of its intersection with Highway 64 at 9:35 p.m. Damage was extensive along a one and one-half block-wide path north-northeastward for about one-half mile through first a portion of the business section and then through a residential area. Minor damage was evident to trees for another mile northeast of Selmer. Thirty-six persons were injured in the storm, but only six were hospitalized. Property damage was estimated at \$1 million. Fifteen businesses were damaged, of which eleven were destroyed. Twenty homes were damaged; ten received major damage.
																			It was also found that a small tornado had caused intermittent damage over a distance of approximately three miles southwest of Middleton in neighboring Hardeman County between 8:15 and 8:30 p.m. The first touchdown completely destroyed a farm house which was located on a ridge near the Mississippi line. About a mile northeast of this point it struck a 24' x 60' mobile home tearing away the roof and most of the walls. The next major damage was a house on Highway 57 which was severely damaged by a large tree which was uprooted and fell on a corner of the house. Also a small garage was damaged and a portion of the metal sheeting of the house removed. Numerous large trees were uprooted or broken by the twister leaving a fairly well-marked path which was quite narrow and on the order of 100 yards or less in most places. The path of this tornado appears to have been an extension of the path of the tornado that originated in Iaquena County, Mississippi. (See Mississippi section in the publication.) In Tennessee no one was injured in either of the three houses struck by this tornado. Estimated damage was \$40,000.
South Carolina Southern coastal area and Greenwood County	7	7:30-11:00 a.			0	0	2	2	Thunderstorms, hail.	Calhoun County	22	4:20-4:45 p.	10	80	0	0	4	0	Tornado
																			A small tornado moved toward the northeast from a point 4 or 5 miles south of St. Matthews to a point about 6 miles east of that town. Several buildings were damaged and some smaller ones destroyed. The funnel was seen by several children and a roaring noise was heard. The tornado touched the ground 7 or 8 times along it's 10 mile path.
										Lexington County	26	2:30 p.			0	0	0	0	Thunderstorm, hail.
																			Three-quarter-inch diameter hail was reported 10 miles west of Columbia.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
Texas Southwest Texas	3-4	1:00 p- 1:00 a			0	0	4	?	Wind and duststorm
			High winds accompanied by blowing dust lashed Southwest Texas from the Guadalupe Mountains southward to the Rio Grande and westward to New Mexico. Wind speeds of 56 miles per hour were recorded at the El Paso NWS Office, at the El Paso International Airport, while speeds up to 65 miles per hour were reported in downtown El Paso. Wide spread minor damage occurred to windows, roofs, signs and shrubbery. Wind speeds of 75 miles per hour were reported at Guadalupe Pass. Some roads were closed due to near zero visibility in blowing dust and sand. A roof blew off a house in the 2700 block of Nations Avenue; a section of a roof blew off the John Mojica home at 2725 Jackson; and an air conditioner on the roof of a house at 226 Baywood Court was blown over; all were in El Paso. Several department store windows in Northgate Center were blown out.						
Near San Luis Pass, Brazoria County	11	10:45 a							2 funnels aloft
Houston, Harris County	12	6:30 a- 4:15 p			0	0	4	0	Windstorm
			High winds were responsible for the collapse of an eight-story parking garage under construction at Polk and Louisiana Streets. No one was injured as one side of the steel frame caved in about 6:30 a.m. Damage was estimated at \$90,000. Houston Fire Department investigators said wind was responsible for a two-alarm fire at the Brooks Lumber Company at 6316 Mykawa Road about 4:15 p.m. Flames from a barbecue grill at the D & J Cafe and Lounge next door were blown through a wire fence into the lumber yard. Damage was estimated at \$10,000. Wind gusts at William P. Hobby Airport were measured at 40 miles per hour.						
Winters, Runnels County	18	11:00 a- 11:05 a	**300	50	0	0	3	0	Tornado
			The tornado struck the downtown area of Winters, but apparently was not in contact with the ground throughout its journey. Many persons thought it was a jet aircraft flying low over the town until dust filled the air and objects began flying through the air. One automobile on Main Street was completely lifted off the ground by the tornado then set down again. The roof of one house was torn off, air conditioner equipment atop one building was turned over, and signs were damaged. Automobiles parked downtown suffered damage from flying debris. Total damage was estimated at \$2,000.						
3/4 N Winters, Runnels County	18	11:00 a- 11:05 a	1/2	100	0	0	3	0	Tornado
			A barn and several sheds on the outskirts of Winters were damaged or destroyed by a tornado. The tornado touched down on the Gene Virden farm about three and one-half miles north of Winters. Total damage was estimated at \$1,500.						
Bonita, Montague County	18	1:00 p- 1:10 p			0	0	?	?	Hailstorm
			Hail, averaging about 3/4 inch in diameter fell in the Bonita area, but apparently caused little damage. Largest stones were 1 1/2 inches in diameter.						
2 N Bowie, Montague County	18	1:30 p- 2:00 p	Short Narrow		0	0	3	0	Windstorm
			High thunderstorm winds demolished a brand new 12 x 60 foot trailer house belonging to Mr. and Mrs. James E. Jones about two miles north of Bowie. Miraculously, Mrs. Jones and her two sons, Lesly 5, and Bobby, 7 months, were not injured when the trailer turned over three times. Damage was estimated at \$4,000.						
Krum, Denton County	18	2:30 p			0	3	4	0	Windstorm
			High thunderstorm winds flipped a mobile home over a pickup truck and landed it right side up again about 30 feet from its original location. Several of the trailer walls collapsed and the refrigerator, kitchen range and hotwater heater were left on the ground beside the tangled wreckage. Mrs. Raymond Johnson and her two children, Sherry 2 and Jerry 3, who were in the mobile home when it flipped over were not seriously injured. Damage was estimated at \$8,000.						
Briar community, Parker County	18	2:55 p	1	**	0	0	3	0	Tornado
			A tornado hopped and skipped across the Briar community in the northeast corner of Parker County. A sheet steel building housing farming equipment was completely destroyed.						
3 SE Cleburne, Johnson County	18	4:45 p- 4:50 p	**200	50	0	0	3	0	Tornado, windstorm
			A small tornado struck in the Price Chapel community three miles southeast of Cleburne where it unroofed a barn and scattered debris over a 300 yard path. The tornado touched down on the Phil Woodruff farm. Woodruff said he heard the roar of the storm. In Cleburne, high winds unroofed a carport at the J. L. Hargis home. Total property damage caused by the tornado was estimated at \$2,000. The storm moved from south to north.						
Lancaster, Dallas County	18	5:20 p- 5:40 p	**50	13	0	0	3	0	Tornado
Texas (continued)									
			A tornado dipped down at the John B. Bennett homestead at 4106 N. Houston School Road where it demolished a 10 feet-by-18 feet chicken house and turned over an outbuilding. An outdoor swimming pool was heavily damaged. The path of the damage was 40-by-150 feet. Property loss was estimated at \$1,500. The funnel was accompanied by the usual roaring sound. The tornado moved from west to east.						
Near Bailey, Fannin County	18	5:30 p- 5:40 p			0	0	4	0	Windstorm
			Thunderstorm winds destroyed a mobile home belonging to Leroy Wilson on Highway 78, one and one-half miles northeast of Bailey. A garage on the Martin Lockaby farm was unroofed. The barn also was moved by the wind. Total property damage was estimated at \$6,000.						
Farmersville, Collin County	18	5:30 p- 5:45 p	3	**	0	9	5	0	Windstorm
			Nine persons were injured when thunderstorm winds ripped through the Hendricks Mobile Home Park on Highway 24 at Farmersville. Eighteen of the 29 trailers in the park were destroyed. A three-month-old baby, the daughter of Mr. and Mrs. Ray Elder, suffered a broken leg and Mrs. Eddie Solis has a head injury. Mrs. John Henry Thomas suffered a skull fracture, and three of her children suffered injuries that required hospital treatment. Three other Thomas children suffered only cuts and bruises when the family's mobile home was rolled into a nearby pasture. Mr. Thomas was not at home at the time. Some of the trailers were torn into bits and pieces of jagged debris. Some of the larger remains were in such shapeless masses that their original form could not be determined. The fact that most trailer occupants were away at work, undoubtedly reduced the number of injuries. Total property damage was estimated at \$200,000.						
Rowlett, Dallas County	18	5:30 p- 5:47 p	2	**	0	2	4	0	Windstorm
			Two persons were injured when high thunderstorm winds struck Rowlett. Mrs. Bob Cole was slightly injured when the Cole's mobile home was overturned. E. R. Burkhard's Drive-in grocery under construction was demolished, several roofs were lifted from barns owned by J. C. Richards, Jr., and a number of signs and trees were blown down or twisted. The cause of the injuries to the second victim is not known. Total property damage was estimated at \$20,500.						
8 N Hillsboro, Hill County	18	5:35 p- 7:00 p	7	**2	0	0	3	0	Windstorm
			High thunderstorm winds damaged roofs of barns in the Mayfield community about eight miles north of Hillsboro. Barn roofs were lost on the Mackey and Miller farms about five miles northwest of the Gleburne Highway also.						
Near Celeste, Hunt County	18	6:00 p- 6:15 p	2	**	0	0	4	0	Tornado
			Barns and small buildings were damaged or destroyed when a tornado cut a narrow swath across Highway 69 between Celeste and Kingston. A number of people reported a roaring sound as the storm moved from southwest to northeast. The trailer home of Larry Beavers at Hackney's Mobile Homes on Highway 69 was demolished but Beaver's wife and children in the trailer home were unhurt. Property damage was estimated at \$7,000.						
Near Honey Grove, Fannin County	18	6:22 p							Funnel aloft
3 SE Aquilla, Hill County	18	6:30 p- 6:35 p	1/2	**	0	0	3	0	Tornado
			A tornado struck the farm of the Cooperative Weather Observer, Milton Kolar, near Aquilla, where it destroyed a small storage building after blowing it about fifty feet, unroofed one large barn, badly damaged one tractor, and snapped a utility pole off at ground level. Total damage was estimated at \$1,600.						
Ennis, Ellis County	18	6:45 p- 7:00 p	1	**	0	0	4	0	Windstorm
			Strong thunderstorm winds blew down an outdoor movie screen and badly damaged a barn in Ennis. Signs, roofs and shrubs were damaged in the strip across the southern part of the city. Damage was estimated at \$20,000.						
Commerce, Hunt County	18	7:23 p							Funnel aloft
Texas Panhandle	20-22				3	0	5	6	Blizzard
			A paralyzing blizzard, the worst since the March 22-25, 1957 storm, transformed the Texas Panhandle into one vast snowfield as 6 to 26 inches of snow was whipped by winds of 40 to 60 miles per hour into drifts up to 12 feet high. Temperatures were in the low twenties or upper teens during the period of high winds. All highways were closed from about Plainview north into Oklahoma and west into New Mexico. Three persons died as a direct result of the storm, property losses totalled \$100,000, while livestock losses were exceptionally heavy, amounting to an estimated \$3,000,000. The storm began about 6 p.m. on the 20th and ended about 5 a.m. on the 22nd. The heaviest snowfall was from Amarillo						

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
									northeastward into Oklahoma. The three-day snowfall totalled 26.0 inches at Follett, 22.0 inches at Pampa and 21.2 inches at Miami. The greatest depth on the ground was 22 inches at Pampa on the 22nd.
									Genaro Pena Jr., 37 and Samuel R. Garza, 27, died of carbon monoxide poisoning in their pickup truck five miles west of Shamrock on U. S. Highway 66 - within 400 feet of shelter at the West 40 Camp Grounds. Elmo W. Jicha, 59, was found dead in a snowbank on W. 6th Avenue between S. Carolina and S. Mississippi Streets in Amarillo.
									A six-engine, 90-car freight train stalled in a snowdrift seven miles south of Berger on the 23rd, causing the engines and a snow-plow to derail and jam deep into the snow. Hundreds of travelers were stranded throughout the Panhandle. Most of the main highways, except those in the extreme northeast corner of the Panhandle were opened for travel on the 23rd.
									Livestock, mostly those on wheat pasture, wandered up to 40 or 45 miles away from home fields when electric fences shorted out in the snow. Total losses were estimated at \$3,000,000. The Farmers Home Administration said a total of 3,000 head of cattle and 3,000 head of hogs were killed by the blizzard. Area ranchers said the most common reason for the deaths was due to the cattle bunching together in groups to stay warm - many smothered or were trampled to death. Heaviest cattle losses were reported to be in Gray, Sherman, Deaf Smith and Carson Counties with each posting a loss of between 1,300 and 2,000 head. The hog losses were confined mostly to Randall, Hutchinson, Ochiltree, Hemphill and Wheeler Counties. Cattle losses in other counties included: Swisher County, 1,000 head; Wheeler, 300; Lipscomb, 150-200; Briscoe, 350; and about 100 head in Oldham, Potter, Parker and Hartley Counties.
Bellmead, McLennan County	21	7:30 a	150	17	0	0	5	0	Tornado
									A small tornado dipped down on the business section of Bellmead, a Waco suburb, causing \$250,000 damage. Miraculously no one was injured - a fact attributed to the early hour in which the storm occurred. The path of destruction was 17 yards wide and 150 yards long. The tornado came across the construction of Interstate 35, passed over St. Joseph's Catholic Church and Brame Park before touching down on the Bellmead Post Office. From there it jumped across Bellmead Drive to the Bellmead State Bank and ripped off several layers of its roof. Whether the post office roof bank were damaged inside. After that, the tornado touched down and demolished the Bellmead Shopping Center, crumbling to the ground a jewelry store, a law office, beauty shop and a vacant building. Several other firms in the downtown area suffered moderate to heavy damage. The roof of the Mabelle Dean home at 726 Ashleman Street was lifted off. An unoccupied mobile home parked at Industrial and U. S. Interstate 35 was totally disintegrated.
Lincoln, Lee County	21	8:15 a	1/2	10	0	0	2	0	Tornado
									A small tornado dipped down on the Lincoln community, ripping off a large awning over the gas pumps at Schwart's Garage and then taking off a portion of the steel roof on top of the building. The awning and pieces of the steel roof were lifted about 100 feet into the air. The tornado pulled three of the four posts anchoring the awning out of the ground. Several 2 x 4 pieces of lumber were driven into the ground like a stake in back of the garage. Some men later tried to pull the pieces of lumber out of the ground but could not budge them. Total damage was estimated at \$150.
Athens, Henderson County	21	9:25 a - 9:35 a	4	1/2	0	7	5	0	Windstorm and funnel aloft
									High thunderstorm winds which may have included a funnel cloud aloft struck the Athens area inflicting heavy damage along a narrow path and causing minor injuries to seven persons. Extensive damage was done to three trailer homes on Crean Level Road. Mobile homes belonging to Mr. and Mrs. Joel Harris, Mr. and Mrs. Donald Stutts and Mr. and Mrs. Leroy Thornberry were completely demolished. Of five persons in the Thornberry trailer, only two were injured. All persons injured were in mobile homes. Empty mobile homes were damaged at Martins Trailer Sales on State Highway 31. The Trail Drive-in Theatre screen was demolished with a loss of \$10,000. The roof of the Flame Motel was damaged also. An estimated 500 television antennae were blown down. Total property damage was estimated at \$100,000. No one observed any funnel clouds; however, Aubrey Aaron who lives southwest of Athens reported hearing a roaring noise that sounded like several freight trains.
15 NW Kerrville, Kerr County	25	9:20 a - 9:25 a	1/2	300	0	0	3	0	Tornado
									A tornado touched down on the Patio Ranch about 15 miles northwest of Kerrville where it destroyed one large building then dissipated. The building was a combination barn and 27 stall stable with a double roof. The storm was accompanied by a loud roaring sound. Damage was estimated at \$2,000.
Garrizo Springs, Dimmitt County	25	Afternoon	2	50	0	0	4	0	Tornado
									A tornado ripped into the west side of Carrizo Springs, lifted, then came down again at the eastern outskirts of the town. Damage was confined to barns, porches, roofs and windows. Property loss
Texas (continued)									
N Comal County	25	5:15 p - 6:20 p	20	1/4	0	0	4	0	Wind and hailstorm
									High winds and hail damaged rural and resort property throughout a strip of northern Comal County about 20 miles long and four miles wide. The wind overturned trailer houses and damaged the Canyon Lake Marina in the Canyon Lake Hills community. Hailstones averaged one-half inch in diameter, but largest stones were 1 3/4 inch in diameter. Property damage was estimated at \$50,000, with most of this resulting from high thunderstorm winds.
5 1/2 SSE Flatonia, Lavaca County	25	Evening	1/2	10	0	0	3	0	Tornado
									A small tornado touched down on the George Migl farm about 5 1/2 miles south-southeast of Flatonia (Fayette Co.) destroying a large tractor shed and damaging several other buildings. Sheet steel, lumber and other debris was scattered over a 300-yard area. The Migl home was untouched. Total damage was estimated at \$2,000.
Caldwell County	25	7:45 p - 8:35 p	11	50	0	0	?	0	Tornado
									A tornado touched down in Caldwell County west of Lockhart then moved north-northeastward along a discontinuous path to the intersection of Highways 21 and 183 near the north corner of the county. There was no known damage.
2 N Laredo, Webb County	25	6:30 p - 10:40 p	2	1/2	0	0	3	0	Hailstorm
									Hail caused minor damage to property in the Del Mar and Belmont Plaza additions of Laredo. Most of the damage was to automobiles in the form of chipped paint, dents and broken glass. Hailstones averaged 3/4 inch in diameter; largest stones were 1 1/2 inches in diameter. Total damage was estimated at \$5,000.
Near Brenham, Washington County	25	9:30 p - 10:00 p	**500	33	0	0	3	0	2 Tornadoes
									At least two small tornadoes touched ground several times in Washington County near Brenham, and were described by one person as "jumping around in the county like rubber balls". One destroyed a hog shed on the farm of W. G. Stein, the Cooperative Weather Observer, but failed to harm a similar shed only 50 feet away. At the Robert Draehn place, just off the Greenview Road, a tornado unroofed a barn and deposited it in his neighbor's field 300 yards away. At Shelby, a newly completed 40 x 100-foot sheet steel barn on the Louis Smith farm was totally destroyed and trees were uprooted. Average path length of the tornadoes was estimated at 500 yards, while average path width was estimated at 100 feet. Total damage was estimated at \$2,000.
8 N Freer, Duval County	25	10:15 p							Funnel aloft
N Schulenburg, Fayette County	25	Night	1/2	10	0	0	2	0	Tornado
									A small tornado lifted the roof off a garage on the Clyde Haynes place on Highway 77 north of Schulenburg and caused minor damage to other buildings. Mr. Haynes was in the garage at the time of the tornado, which he said sounded like a locomotive coming directly at him. He was not injured. Damage was estimated at \$200.
Utah									
North Bountiful, Davis County	15	6:30 p.			0	0	0	0	3/4 inch hail
									The wife of an observer at the Salt Lake Airport called in to report hailstones up to 3/4 of an inch in diameter. No damage or injuries were reported.
Emery County	17-18	night			0	0	4	0	Strong Winds
									Strong winds Wednesday night and early Thursday caused considerable damage. Numerous large windows were broken, several trailer homes tipped over and damaged, power lines snapped, a barn destroyed and minor other damage. Strongest winds occurred about 4:30 a.m. on the 17th.
Davis, Weber, Box Elder and Cache Counties	20	A.M.			0	0	6	0	Strong easterly winds
									Easterly winds sweeping over the Wasatch mountains in northern Utah with gusts estimated in excess of 100 miles per hour created extensive damage. The winds overturned 8 cars of a 135 car freight train near Farmington, blew over several large semi-trailers and campers, destroyed a large number of mobile homes, 14 out of 15 at one location. Power lines were snapped, trees blown over onto automobiles, windows broken, roofs removed and signs along the highway twisted like pretzels. The great-

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Utah (continued)									
Brigham City	25	A.M.			0	0	4	0	Strong winds
									est damage was reported between Bountiful and south Ogden. Estimates of damage ran as high as 3/4 of a million dollars.
									A local area of strong wind hit Brigham City early on the morning of the 25th damaging trailer homes, ripping off roofs and breaking windows in a block area of Brigham City. No injuries were reported.
Vermont State	7-9				0	0	4	0	Snow, glaze, wind
									Major snowstorm in much of state with total snowfall ranging up to 10-15 inches in central portions, mostly on 8th. Precipitation mixed, with sleet and freezing rain common late on 8th and into the 9th. Travel hazardous. Many schools closed. Wind combined with loads of snow and ice to cause minor damage.
State	13-14				0	0	3	0	Glaze, wind
									Icing from freezing rain in many parts of state made roads slippery. Winds combined with ice loading to cause minor damage, with some wires and limbs felled.
State	20-21				0	0	0	0	Glaze
									Icing from freezing rain in many parts of state made roads slippery.
State	23				0	0	0	0	Snow, glaze
									Mixed precipitation with mostly 4 to 8 inches of snowfall. Freezing rain at times glazed surfaces and caused hazardous conditions.
Virgin Islands				None	Reported				
Virginia State	3-5				0	0	3	0	Glaze
									Freezing rain was reported over the state with mostly minor damage to trees and utilities.
Colonial Heights and Petersburg	13	1:30-2PM			0	0	5	0	Wind
									High winds completely destroyed a manufacturing building at Colonial Heights. The roof was blown off and the walls caved in. Several houses and automobiles received broken windows. The frames along with the windows were blown inward at one house. The Colonial Heights Junior High School received roof damage, water damage to the ceiling, and 100 broken windows. One manufacturing plant and several houses had shingles and metal sections of roofs torn off. Numerous trees were felled with some interruptions of electric and telephone service. The wind tore the top and front off a duplex house and knocked down the chimney to another house.
Washington Southeastern Counties	10						4		Wind & Blowing Dust
									Strong winds caused minor property damage and soil erosion. Highways in some localities were closed when visibility was reduced to near zero by blowing dust.
Entire State	24						4		Wind
									Strong winds were reported throughout the State as a frontal system associated with a low center in southern British Columbia moved eastward. The most extensive damage occurred in eastern Washington at Soap Lake. A section of roof was blown from a school classroom. Roofs on a few farm buildings in the Central Basin were damaged. Power and telephone outages occurred in various areas of the State. Several highways in the Central Basin were closed when visibility was reduced to near zero by blowing dust. Airline service to the Tri-Cities was cancelled.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
West Virginia Sistersville, Tyler County	22	10:30 p.m.			0	0	5	0	Windstorm
									A strong cold front brought 75 mph winds to this Ohio River town, which is about 30 miles northeast of Parkersburg. Many roofs were ripped off and many trees uprooted by the high winds. Oil Ridge was particularly hard hit, with many homes receiving damage. Several homes sustained damage when trees were uprooted and blown onto them. An oddity noted was that every tree uprooted was of the pine variety - the sturdy oaks and maples were untouched. This cold front had produced several tornadoes about 5 p.m. in the Columbus, Ohio area.
Wisconsin Entire State	4-5				0	0	6	0	Snow storm glaze, lightning
									Heavy snow in excess of 12 inches at many western and northern stations accompanied a deep low moving northward through Wisconsin. Strong winds caused considerable drifting which closed many roads. This heavy snow on top of the previous two months' high moisture snowfalls caused additional severe property damage, particularly in the northern portions, due to roof collapses. Hurley area in Iron County overwhelmed by the very heavy snow and appealed to state government for funds for snow removal. Glaze occurred from southwestern Wisconsin northeastward into the Lake Winnebago region. Thunder accompanied storm. Five milking cows killed by lightning at Wild Rose near Wautoma.
Southern Counties	19				0	0	5	0	Rain, fog
									Heavy thunderstorm rains caused localized minor flooding in many southern areas. Many car accidents due to heavy fog and numerous phone outages caused by moisture.
Entire State (except northwest corner)	22				0	0	5	0	Glaze, snow
									Heavy glaze storm across extreme southern Wisconsin while moderate snow fell farther north. Heaviest snow of 5 to 10 inches along line from LaCrosse to Marquette. Roads closed and motorists marooned in northeast quadrant of state. Thunder again accompanied this storm.
Entire State	26-27				0	2	6	0	Wind
									Record deep low pressure system with central sea level pressure of 967 mb (28.55 in.) in northwestern Wisconsin. Winds gusting at 60 to 80 mph did considerable damage throughout state. Thunder, rain and snow accompanied storm and blizzard conditions blocked roads in central and northern Wisconsin for a day or two following storm.
Wyoming									None reported

- ° 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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