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Asheville, N.C.

1971

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	PROPERTY	CROPS	
Alabama											
Russellville, Franklin County	5	Afternoon	--	--	0	0	4	0			Electrical
		Lightning caused fire which destroyed house.									
Chatom, Washington County	22	10:20 a.m.			0	0	3	3			Hail
		Hail up to 2" in diameter fell briefly.									
Blacksher Community, Baldwin County	22	early afternoon			0	0	5	4			Hail
		Hail up to size of "small oranges" caused extensive damage over several square miles in Blacksher Community. Ground covered and trees stripped of foliage, windows broken, roofs and automobiles damaged.									
Statewide	23	3 a.m. - 6 p.m.	--	---	1	7	6	5			Wind, hail, rain
		Severe thunderstorm activity began in Northwest Alabama before dawn and spread southward over all of state during day. Numerous mobile homes damaged or demolished by high wind and hail. One killed and 4 injured in mobile homes in Lendardale and Limestone Counties. A tree fell on truck in Cleburne County and injured 3 persons. Trees uprooted, power and telephone lines down, numerous houses and other buildings had damage from wind. Torrential rains of an inch an hour caused local flooding in Gadsden and other areas. Extensive damage from hail up to 2" in diameter in Montgomery and surrounding area. Hail 3/4" to 2" in diameter fell in many spots. 80% of damage to property due to wind, 10% to hail and 10% to rain. 50% of crop damage due to hail, 25% due to hail and 25% to rain.									
Pike County	23	11:15 - 11:30 a.m.	1	200	0	0	2	2			Tornado
		Tornado touched down about 2 miles west of Troy Airport destroying small barn and out path through pine trees. Funnel passed over Troy Airport and then dissipated to the east.									
Monroe, Butler Counties	23	11:40 a.m. - 12:10 p.m.	15	200-400	0	0	4	5			Tornado
		Tornado struck Old Texas Community in Monroe County moved east-northeast for 15 miles then lifted and passed over Greenville aloft. First 10 miles on ground continuously and caused near total destruction.									
Monroeville, Monroe County	29	12:00 - 12:30 p.m.	--	---	0	0	4	4			Wind, Hail
		One half inch hail covered ground and made drifts 18" deep. Windows broken and roofs damaged. Winds estimated near 100 mph uprooted trees and caused extensive damage to roofs, antennas. 50% of property damage due to wind and 50% to hail. All crop damage due to hail.									
Coffee, Dale and Houston Counties	29	Afternoon	--	---	0	0	5	5			Wind, Hail
		Wind and hail with severe thunderstorms caused damage over wide-spread area. One mobile home overturned, warehouse damaged, numerous trees blown down and hangar and aircraft damaged in Bothan area. Minor damage Enterprise, Oak and other areas. Small pea size hail caused extensive damage to truck crops in local areas. All property damage due to wind. 75% of crop damage due to hail and 25% to wind.									
Barbour County	30	4:10 a.m.	--	---	0	1	4	0			Wind
		Winds upset trailer and injured occupant. Several trailers and houses damaged 4 miles southeast of Louisville.									
Alaska		None Reported									
Arizona											
Tucson (25 mi. S)	15	10:52 a.			0	0	0	0			Funnel cloud
		Funnel cloud aloft sighted over open country.									
Yuma	17	7:40 p.			0	0	4	0			Wind
		Strong winds damaged roofs, awnings, fences and power lines. Sand damage occurred to paint on many vehicles.									
Arkansas											
Pine Bluff - Jefferson County	20	Afternoon				1					Lightning
		Lightning came through a window, travelled down a wall and struck a woman lying in bed. She sustained abdominal and jaw injuries.									
Chickala - Yell County	22	10:15 p.			2	4					Windstorm
		Mother and daughter injured when mobile home overturned. 5 homes partially damaged and about same number of barns and other farm buildings struck. One woman escaped injury when she was trapped in a bedroom when a board was hurled through a window and against a bedroom door. Utility poles and trees knocked down eastward to just south of Dardanelle.									
Russellville - Pope County	22	10:00 p. to 11:00 p.			2	4					Windstorm
		Man and wife suffered minor injury when 60 foot trailer home flipped over twice near highways 64 and 326.									
Wicks - Polk County	22	11:00 p.					3				Hail
		Hail as big as golf balls and larger did extensive damage to trees, gardens and roofs. Tree trunks and fence posts showed scars where									
Arkansas (continued)											
Newport - Jackson County	23	12:30 a.				1	4				Windstorm
		Parents and two small children in trailer home destroyed by wind. Father hospitalized over weekend with head injuries.									
McDougal - Clay County	27	4:30 p. to 4:40 p.	5	100				4			Tornado
		About six homes, a school, one trailer home and a small church building were either destroyed or damaged. The McDougal school suffered mostly roof and window damage. Two funnels were observed by a number of people. The funnel cloud or clouds travelled from west-southwest to east-northeast touching down on highway 62 about 4 miles west of McDougal and remained on the ground through the north sections of town and lifted into the air about 1 mile northeast of McDougal.									
Magnolia - Columbia County	29	2:50 p.						2			Wind and Hail
		Golf ball size hail and some tree damage in about a 5 mile radius of Magnolia including Waldo and Macedonia communities.									
California											
Stockton	24	3:35 pm	1/4	10	0	0	0	1			Tornado
		Very small tornado west and northwest of Stockton caused minor damage to crops.									
Colorado											
Baca County	18-	During 19 night	15	<25				2			Tornado
		Tornado damaged farm structures W of Pritchett (20 miles W of Springfield), moved north and destroyed a corral 15 miles N of Pritchett. May have touched ground one or more times in remote area between.									
Wald County, SW Corner	19	9:38AM	**250	25	0	0	3				Tornado
		Moved west-northwest through farm yard, damaging equipment and structures. Stock tank lifted over two fences into corral 150 ft. away. There were reports of another tornado at 10:00AM 5 miles south of Fort Collins in Larimer County, unconfirmed by actual sighting.									
Arapahoe County	19	11:20AM	< 1/4	<25				0			Tornado
		Funnel touched ground momentarily WSW of Buckley Field, 8 miles SE of Denver.									
Otero County	22	12:00 Noon									Funnel Cloud
		Reported 8 miles S of La Junta.									
El Paso County	29	1:50PM						0			Hail
		3/4 inch hailstones reported 10 miles ENE of Colorado Springs.									
Baca County	29	4:30PM									Funnel Cloud
		Dissipated shortly after sighting W of Pritchett, 20 miles west of Springfield.									
Connecticut											
Statewide	6-7	Noon-Noon			0	0	4	0			Snow, wind, tide
		Coastal storm with high winds and above normal tides produced precipitation totals which ranged from .6 to 1.6 inches with largest amounts in the south. Few snowfalls generally ranged from one inch along the coast to 2-6 inches elsewhere except up to 15 inches in the northwest. The storm produced massive traffic jams and caused several skidding accidents. High winds and wet snow combined to down numerous trees. Power failures were common and plate glass destruction occurred in Bridgeport and New London. Low lying shore areas were flooded in the southeast and in Milford.									
Meriden	11	3 PM				0	0	2	0		Dust devil
		Single engine aircraft, recently landed but unoccupied and not tied down was overturned by a northeasterly moving dust devil at the Meriden-Markham Airport.									
Delaware		See data at end of table									
Florida											
Marathon 40 ENE Key West	01	1:30p									Waterspouts (4 or 5)
		Several sightings of waterspouts.									
Key Largo 19 SSW Homestead	01	6:40p									Waterspout
Miami	01	6:44p									Funnel aloft
Thonotosassa Cork 15 ENE Tampa Hillsborough	15	5:32p	1/4	30	0	0	3	0			Tornado
		Tornado reported by public moving ESE at 10 mph.									
E South Bay 30 W Palm Beach	19	1:13p									Funnel aloft

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS				
Florida (continued)												
NW Glendale	22	daytime			0	0	3	5	Hail-1-3/4" (Golf Ball)			
			Hailstorm destroyed over 1,000 acres of wheat in Walton County and also caused minor property damage. Golf ball size hail reported. The Greatest damage centered NW of Glendale. Agricultural damage estimated to be \$60,000.									
63 NW Gainesville	22	3:15p							Funnel aloft			
Monticello 27 ENE Tallahassee	22	3:40p			0	0	0	0	Hail 1"			
			1" Hail reported by the Florida Forest Service near Monticello									
5 W Ft. Lauderdale	26	5:00p			0	0	0	0	Hail-1-3/4" (Golf ball)			
			1-3/4" Hail reported vicinity of Ft. Lauderdale. Pilot reports 1" hail aloft, same location, same time, altitude unknown.									
Venty Gainesville	26	10:00p			0	0	0	0	Hail 1"			
			Scattered hail up to 1" in size reported in venty Gainesville, also inside city limits. No damage reported. Hail associated with thunderstorms with tops to 54,000 ft. abt. 9:00a.									
Venty Jacksonville	30	9:00a			0	0	0	0	Hail 1-2"			
			Several reports of hail 1-2" in diameter reported in venty of Jacksonville.									
Perry Taylor County	30	3:30p			0	0	0	0	Hail 1-3/4"			
			Scattered hail to 1-3/4" reported near Perry.									
8 WSW Gainesville	30	4:15p							Funnel aloft			
			Several reports of funnel aloft reported by public between Gainesville & Newberry.									
Georgia												
Blairsville	23	a.m.			1	0	0	0	Lightning			
			A 17-year old high school girl was killed while talking on the telephone.									
Cedartown	23	7:45 a			0	0	4	0	Wind, rain and hail.			
			Severe thunderstorms with winds 50 to 60 miles per hour and heavy rain caused extensive damage to utility lines, roofs, trees and plate glass windows. Streets were flooded as 2.22 inches of rain fell in one and one-half hours. Hail one-fourth inch in diameter was also reported.									
Cobb County	23	a.m.			0	0	4	0	Wind, rain, hail and funnel clouds			
			Heavy rain, high winds and one-half inch hail hit much of the County during the early morning hours. Trees were uprooted and some utility lines were knocked down. Awnings were blown from buildings, windows were broken and roofs damaged. A metal garage was picked up and dropped on a camper at Marietta. Streets were flooded in some areas. Witnesses reported seeing 2 funnel clouds aloft.									
Duluth, Gwinnett County	23	10:10 a	1/10	35	0	0	3	0	Tornado			
			A small tornado raised a "wall of water" as it moved across a small lake and topped trees in a 100 foot path. One tree fell on a house but caused only minor damage. Witnesses reported the funnel was about 15 feet above the ground. Storm moved west to east.									
Gwinnett County	23	11:20 a							Funnel cloud			
			Reported between Lawrenceville and Tucker, about 18 miles ENE of Atlanta.									
Carroll County	23	11:00 - 11:40 a			0	0	4	0	Wind and rain			
			Wind damage at Carrollton and at Villa Rica in northeast part of County. Many trees uprooted and power lines down. Windows were knocked out and streets blocked by fallen trees in the business section of Carrollton.									
Hiltonia, Screven County	23	1:30 p	6	75	0	0	3	0	Tornado			
			Touched down at least 3 times along about a 6 mile path. First touch down destroyed 2 barns, a pickup truck and damaged a tractor and other farm equipment. Second and third touch downs were in wooded areas and pine trees were sheared off. Total distance on ground was 1 to 1-1/2 miles. Moved SE.									
Midville, 3.5 miles south	23	3:30 p	Short	Narrow	0	0	3	0	Tornado			
			Trees uprooted and power lines downed in Coleman's Lake area of northern Emanuel County.									
Screven County	23	3:50 p			0	0	4	0	Wind and rain			
			Trees were uprooted and large grain bins were overturned and damaged. Winds reported at 62 kts.									
Georgia (continued)												
Macon Airport, 3 miles west	23	3:45 p						0	0	Funnel cloud		
			Hook echo detected by radar 3 miles west of Macon Airport. No evidence of tornado touching down but a tremendous roar was reported as the clouds moved over the Airport.									
Dawson, near	23	3:50 - 4:10 p	12	50 - 500	0	1	5	4		Tornado		
			The tornado first touched down near the Randolph-Terrell County line about 10 miles west of Dawson. A shelling plant was extensively damaged and several residences, barns, equipment sheds and grain bins were demolished or heavily damaged. An automobile and pickup truck were damaged when picked up and bombarded with flying debris. The occupants were unhurt. The storm hop-scotched north-eastward across Terrell County causing extensive damage to several farm homes and out-buildings and ripping through stands of timber. One child suffered minor injuries when his home was wrecked. Seven other family members were unhurt. About 8 miles north of Dawson between Parrott and Brownwood, a mobile home and a residence were completely demolished, but fortunately no one was at home in either. The last reported damage was near the Terrell-Sumpter County line.									
West Point, 10 miles north	23	5:40 p						0	0	Funnel cloud		
			Funnel cloud moving E. Hail 1-3/4 inches in diameter also reported.									
Ideal, Macon County	23	6:50 p	4	100	1	10	4	0		Tornado		
			Storm moved through a rural area, destroying several houses and mobile homes. One person was killed and 8 injured in one demolished home and 2 were injured when their mobile home was torn apart. Moved NE.									
Sumpter, Dooly and Crisp Counties	23	7:15 p	12	50 - 150	0	8	5	0		Tornado		
			The storm first touched down in eastern Sumpter County completely demolishing a large brick home and several other smaller buildings. Eight people in the home were only slightly injured. An automobile was carried end over end for 150 feet. The storm moved across the Flint River near the Crisp-Dooly County line and caused extensive damage to cottages, trailer homes, boat houses and boats at a fish camp. It continued eastward near the County line for 10 to 12 miles destroying several farm homes and other buildings. Hundreds of trees were blown over or sheared off, including numerous large pecan trees. Boards from one home were found sticking in the ground about 7 miles away.									
Abbeville, near	23	8:30 p	2	100	0	1	4	0		Tornado		
			The tornado dipped down in several places north of Abbeville, in Wilcox County. Most of the path was in wooded areas and many trees were uprooted. Several trees fell across a major highway and one hit a moving automobile, injuring one person. Another car was blown from the road and wrecked, and power lines were blown down. Moved E.									
Tattnall County	23	Night	5	100	0	3	4	0		Tornado		
			Three mobile homes were demolished and 3 people injured as the storm moved northeastward through rural Tattnall County. Other buildings were damaged and trees were twisted off.									
Midway, Liberty County	23	8:50 p	1	50	0	0	4	0		Tornado		
			One house and one trailer home were heavily damaged and power lines were knocked down. Many trees were twisted off or blown over.									
Statewide	23							5	5	Wind, rain, hail and lightning		
			In addition to the storms listed above, high winds, hail, heavy rains and lightning damage occurred in many different parts of the State. Hail as large as baseballs was reported near the Macon Airport, 15 miles north of Columbus and at Redsville, in southeast Georgia. Hail from one-fourth to one inch in diameter was reported at Warner Robins, Savannah, Fort Benning, Irwinton, Americus, Folkston, Newington, Sandersville, Lutherville, Newman and Dublin. Wind gusts to 64 miles per hour occurred at Savannah and extreme turbulence and 1-3/4 inch hail was reported aloft over the area. Reports of minor wind damage were widespread. Lightning started fires occurred at Covington and near Gainesville. The McCaysville water system was heavily damaged by lightning. Over 2.25 inches of rain fell at Experiment in 45 minutes and streets were flooded in numerous communities.									
Cobb County	28	6:35 a	1/3	75	0	0	5	0		Tornado and hail		
			Two homes were completely wrecked and 2 others heavily damaged in southwest Cobb County.									
Clayton County	28	a.m.						0	0	3	0	Lightning
			Seven horses were killed while standing under a tree.									
Grady County	29	3:50 p	8	200 - 300	0	2	6	4			Tornado and hail	
			A very destructive tornado moved from west to east through central Grady County. The beginning point was just northwest of Whigham and the path of damage extended eastward through Cairo and about 5 miles beyond. Witnesses reported 2 funnels in the Cairo area with									

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Georgia (continued)									
									one moving through the northern part of town and the other to the south. 50 to 60 residences and other buildings were destroyed or damaged. There was vast destruction of timber and 1500 to 2000 large pecan trees were blown over. 5 mobile homes were destroyed and electric and telephone lines were down over a large area. Hail fell over much of the County during the storm period.
Thomasville	29	Late pm			0	1	4	4	Wind, rain and hail
									Trees were uprooted, roofs damaged and power lines knocked down. Hail fell over the County damaging young crops.
Brooks County	29	4:30 p	10	100	0	0	4	4	Tornado and hail
									Storm touched down in the Dixie area, causing heavy damage to buildings, trees and utility lines. There was additional wind damage at Quitman and in the Barney area. Hail up to 1-1/2 inches in diameter fell over a 5 mile radius in the northern part of the County causing extensive damage to crops.
Albany	30	6:50 a			0	0	4	0	Wind and rain
									A violent thunderstorm caused widespread damage to trees, power lines, large signs and other property. Plate glass windows were broken out in some stores as winds reached 78 miles per hours. Many streets were flooded by the heavy downpour.
Camilla	30	7:30 a	1	50	0	0	4	0	Tornado
									One tobacco barn was demolished, large trees were uprooted and 2 peanut combines were moved 100-150 yards into the highway. Just south of Camilla trailers were damaged and utility poles were blown over.
Clay and Calhoun Counties	30	7:30 a	6	100	0	2	4	0	Tornado
									The storm moved from Clay County eastward into Calhoun County. Several trailer homes were demolished or damaged and 2 people suffered minor injuries in Clay County. Damage was reported at Edison, Morgan and Leary in Calhoun County. To the west, at the Walter F. George Dam near Fort Gaines, winds were measured at 80 miles per hour.
Pavo, Brooks County	30	7:30 a			0	0	0	0	Funnel cloud
									Observed moving eastward.
South	30				0	0	5	5	Hail, wind and rain
									Many areas of south Georgia were hit by high winds, hail and heavy rains as a series of violent thunderstorms moved across the State. Whigham was hit by damaging winds during the early morning after being devastated by a tornado the previous afternoon. Wind damage was also reported at Neigs and Thomasville. Hail and heavy rains caused very heavy damage to young crops in several areas. Hail 2 inches in diameter was reported at Valdosta and 1 inch stones fell at nearby Moody Airforce Base. About 100 farmers suffered hail damage around Ahira, in northern Lowndes County. An area extending from 7 miles north of Ahira to 6 miles south was hit by golf ball size hail. Folkston had 1-3/4 inch hail and 2 to 2-3/4 inch hail fell near Waycross and Brunswick. The hail caused heavy damage to automobiles and roofs as well as to crops.
Hawaii									
Between Kilauea and Mauna, Kauai Island	6-7	10:00 p., 6th - 7:00 a., 7th			0	0	4	?	Rain
									Landslides and runoff from heavy rain damaged pavement, shoulders, gutters and drainage structures of Kuai Belt Road. Hanalei River rose to 5 feet above road. On 7th, 6.90 inches rain fell between 1 and 3 a.m. at Kilauea and 3.43 inches between midnight and 3 a.m. at Princeville Ranch.
4 Miles NE of Lihue Airport, Kauai Island	18	3:22 p.- 3:29 p.							Waterspout
									Waterspout observed moving west before dissipating.
15 Miles SSW of Waikiki, Oahu Island	22	3:35 p.							Funnel cloud
5 Miles NE of Hilo Airport, Hawaii Island	23	5:56 p.							Waterspout
Hilo, Hawaii Island	23	Evening			0	0	4	0	Rain
									Heavy rain caused flash flooding of 9 homes and business buildings. One home sustained estimated \$10,000 in damage. Hilo Airport reported 24-hour total of 9.66 inches, with intensities of 1.95 inches in 1 hour, 3.33 inches in 2 hours and 4.77 inches in 3 hours.
5 Miles SSW Honolulu Airport, Oahu Island	24	1:22 a.- 1:24 a.							Funnel cloud
									Funnel cloud, curved and narrow at tip, descended 400 feet from cumulus cloud with estimated tops 9,000 feet and ragged base 2,000 feet. No apparent movement noted. Sky was overcast with light showers.
Idaho									
Nez Perce and Latah Counties	9	5:30 p	--	--	0	0	3	--	Wind
									Winds 45-55 MPH caused power outages and trees down to disrupt traffic and utility services. A mail truck and tractor were overturned east of Lewiston.
Grangeville, Idaho County	9	Night	--	--	0	0	3	--	Snow
									A five-inch snow blanketed the area and caused damage to trees and power lines. Some 700 customers were without power from a few minutes to 2 1/2 hours.
Idaho Falls, Bonneville County	10	Afternoon	--	--	0	3	4	--	Wind and dust
									Wind-borne dust reducing visibility to near zero accounted for at least two accidents involving four vehicles each. Two persons were hospitalized.
Focatello, Bingham County	15	Afternoon	--	--	0	8	4	0	Wind and dust
									Wind-borne dust reducing visibility to near zero caused a five-car pile up and other one and two car accidents. One person was hospitalized.
Clearwater River Valley	23	Night	--	--	0	0	3	--	Snow
									Heavy wet snow caused power outages from damaged utility lines in the Kamiah area. Two to four inches of snow was reported in the area.
Salmon, Lemhi County	24	Day	--	--	0	0	4	--	Snow
									Fourteen inches of snow accumulated mostly on the 24th from a storm that left more than 2 inches of moisture over a 30-hour period. Damage was greatest to trees and utility lines.
Illinois									
									None Reported
Indiana									
Vevey (Switzerland County)	21	E.S.T. 5:00p.- 5:30p.	?	?	0	0	?	?	Hail
									Weather Observer reported one-half inch diameter hail.
Central Indiana	27	4:40p.- 6:01p.	?	?	0	0	4	2	Hail
									Numerous places across central Indiana reported hail, beginning at 4:30p., when Terre Haute received marble size to 2" diameter stones. Putnamville and Cloverdale (Putnam County) reported stones of 1/2" and 2" diameter respectively. Across Hendricks County, at Speedway at 6:00 N. Burlington in Indianapolis, and at Castleton some hail ranging to 1 1/2" diameter was reported. At Pendleton (Madison County) marble size hail was reported. About 6:00p. golfball size stones hit the Jay County areas of Dunkirk, Red Key, Pennville and Portland.
Wadesville (Posey County)	27	5:00p.- 5:05p.	1	50	0	0	4	0	Tornado
									Several area residents witnessed touchdown of tornado traveling NW to SE which destroyed farm storage sheds and trees. Loss estimated at \$5,000.
Maukport and Laconia (Harrison County)	27	7:30p.	1 1/2	50	0	2	4	0	Tornado, Funnel (3)
									About 3 1/2 miles east of Maukport a barn was destroyed and four other farm buildings were damaged. A pump and pipes were pulled from a cistern near the barn and carried across a ravine to the north. Debris from the barn was carried one-fourth mile. At about the same hour three funnel clouds were reported by residents of the area. Two miles west of Laconia, and about two miles east of the first touchdown, a mobile home was smashed after being carried 30 yards and dropped. Two persons were hospitalized.
Iowa									
Central and South Central Divisions	20	3:00 p.					5		Windstorm
									North-South line of thunderstorms with destructive winds. Warren and Lucas Counties, Clarke, Decatur, Wayne, Polk, Story and Jasper Counties reported high winds that blew off some barn roofs, demolished a small and old buildings and caused extensive minor damage. Sewal School (Wayne County) windows broken.
10N Newton, Jasper County	20	5:00 p.					5		Lightning
									Church burned. Loss estimate \$100,000.
Kansas									
Shawnee, Douglas Counties	13	3:00 - 4:00 a.			0	0	3	0	Hail
									Hail stones up to about 3/4 inch diameter fell in northern Shawnee and northern Douglas counties.

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Kansas (continued)										
Western one-third	18-19	night of 18-19			0	0	4	0		Wind
					Damage was reported locally in Hamilton and Rawlins Counties.					
Southern Thomas County	26	2:00 - 3:00 a.			0	1	4	0		Wind, hail
					Wind overturned a mobile home about 9 miles south of Colby injuring one person, causing \$3500 damage to the home, and producing scattered other damage. Small hail accumulated to a depth of 2 inches 12 miles SE of Colby.					
South central portion	26	late afternoon			0	3	4	4		Hail
					Hail 1 inch or more in diameter fell at scattered locations in Harper, Sedgwick, Reno, and Harvey Counties. Heaviest damage was in the Burrton area where stones up to 2 3/4 inches diameter fell about 6:00 p.					
Wichita	26	11:15 p.			0	0	3	0		Hail
					Hail up to 1 inch in diameter fell briefly in the eastern portion of Wichita.					
Cloud County	26	11:08 p.			0	0	0	0		Hail
					Hail stones up to 3/4 inch diameter fell briefly in the Concordia area.					
Eastern one-third	26-27	night of 26-27			0	0	4	0		Wind
					Damage was reported in Atchison and Linn Counties.					
					SPECIAL HAIL SUMMARY					
					Hail Loss Clearing House reports indicate hail was especially severe in the following counties and on the dates listed:					
	26				Cherokee, Harper, Harvey, Kingman, Reno, Rice, and Sedgwick.					
Kentucky										
Henderson, Daviess and Crittenden Counties	6				0	0	0	0		Snow
					Heavy snow fell on Henderson, Henderson County, the 7 inches being the greatest on record for an April. Six inches fell on the 5th-6th at Fords Ferry, Crittenden County. 2 1/2 inches fell on Owensboro, Daviess County. The snow melted rapidly.					
Payette County	21	6:00 p.	0.06	5	0	0	3	0		Dust devil
					A phenomenon described variously by several witnesses (as: a "twister"; "a whirlpool in water, only up in the air"; "it looked like something spinning"; "debris swirling in the air") moved from west to east for a distance estimated at about 100 yards, caused no injuries but some minor property damage. The rotating mass (seen to contain a miscellany of debris and articles from clothes lines) estimated by witnesses to be about 15 feet across at the bottom and slightly wider at the top (the top some 30 or 40 feet above the base) (no cloud connected to the top) was accompanied by a "whishing sound" as it moved. It dropped down to lift the wood roof off a double-garage about a foot or two. The roof was displaced about a foot toward the east (and the back of the garage) and dropped back down on top of the supporting concrete block walls of the garage. The swirling mass then moved several yards further east to pull a swing set from the ground, causing it to rotate in the air before dropping it and continuing on eastward over an open grass field. The location of the touchdown had been warm and sunny about a half-hour before, but became quickly overcast just before the touchdown as a cold front apparently approached the area. The Weather Service Office, Blue Grass Field, Lexington, Kentucky about 6 miles northwest of the area reported at 6:55 p.m. E.S.T. an apparent frontal passage (cold) with a thunderstorm and heavy rain. Light rain was observed in the area of the touchdown a short time after the occurrence.					
Scott County	21				0	0	4	0		Lightning
					A 7-vent tobacco barn containing 1000 bales of hay burned after being hit by lightning.					
Fleming County	21	Afternoon			0	0	4	0		Lightning
					Lightning was reported to have been the cause of a fire which destroyed a house in the vicinity of Tilton.					
Taylor County	27	Night								Funnel Cloud
					Shortly after midnight (E.S.T.) a gray-looking funnel cloud was reported by State Police over the Green River Reservoir, in southern Taylor County, moving northward toward Campbellsville.					
Hart County	27	7:30 p.			0	0	?	?		Hail
					Large hail 1 1/2" in diameter in vicinity of Mansfordville.					
Casey County	27	Night			0	0	?	?		Hail, Lightning
Kentucky (continued)										
					Hail was reported near Liberty, White Oak/Lidge area, and in the southern part of the county on Highway 206 where golf-ball size hail did some damage. A news report stated that, "From around 9 p.m. C.S.T. until well up in the morning Wednesday (4/28), the county saw one of the most severe electrical storms in many years." (Casey County is just north of the area hit by tornadoes at about 8:30 P.M. C.S.T. and 9:53 p.m. E.S.T.). Damage was reported as slight.					
Jackson County	27	Early night			0	0	4	0		Lightning
					Fire, thought to have been caused by lightning, destroyed the Trade Store, and all contents, of the Annville Institute, Annville.					
Jefferson County	27	2:30 p.			0	0	0	0		Hail
					Golfball-size hail (1-3/4" diameter) in eastern part of the county (Prospect, Kentucky) was reported to have caused no serious damage.					
Boyle County	27	Night			0	1	4	?		Hail, lightning
					A hailstorm in the Perryville area which began late on the 27th was the cause of injury to a man, who was hospitalized and then released. The hail was golf ball size. A tobacco barn was destroyed by fire (8:30 p. E.S.T.), apparently set by lightning.					
State	27				0	?	?	?		Lightning
					Lightning set several forest fires in the State.					
Madison County	27	8:45 p.			0	0	4	0		Lightning
					Lightning set fire to a Richmond home and caused major damage.					
Hopkins, McLean & Ohio Counties	27	5:45 p.	34?	?	0	0	4	?		Tornado, wind, hail
					State Police reported that a tornado destroyed 2 barns in the vicinity of Slaughters, northern Hopkins County; reported trees down in the area of Sacramento, McLean County, about 12 miles to the east-southeast; a news report quoted a witness 2 miles west of Sacramento as having seen a funnel cloud passing high in the sky. There was considerable hail damage at Sacramento, where car windows and the windows of a church were broken. At 6:26 p.m. C.S.T. a radar report indicated a strong thunderstorm in this area, a rotating cell with a top at 53,000 feet and moving toward the east-southeast at 45 m.p.h. Damage at Prentiss, Ohio County, and east-southeast of Sacramento may have been a third touchdown of the funnel (touchdown time not available). A funnel was observed to touch down at Prentiss, damaging a home. A barn was demolished on an adjacent farm.					
Muhlenberg County	27	6:25 p.	0.01	33	0	0	4	0		Tornado, wind
					A funnel cloud about 100 feet in diameter was observed by three persons to touch down very briefly and then lift at a rest home in Central City on north 5th Street, one block south of Park Road. There were no injuries but the roof was damaged and a porch was ripped off. There was considerable wind damage to trees and roofs through the northern sections of the city on Park and Cherry Streets, and damage to a coal tippie on U.S. 62 east of Central City.					
Ohio, Butler Counties	27	6:10 p.	25	14+	0	?	6	?		Tornado, wind, hail
					The funnel apparently first touched down at a location between Wyor and Cool Springs and moved in a direction generally from the west-northwest to the east-southeast for a distance of about 25 miles. A witness at one point (Little Bend) reported the width to be 40 to 50 feet wide. At the point of first touchdown just west of Cool Springs a man stated that the funnel swerved as it approached, sparing most of his house but damaging a part of the house and blowing away the barn and the garage. Another person in this area stated that there was evidence of more than one funnel. The funnel apparently moved from the touchdown west of Cool Springs to touch down again at Little Bend near Schultstown and about 3 miles to the east. A witness at the latter point stated that it was moving fast, about 40 m.p.h., that it passed at 7:10 p.m. C.D.T. (6:10 C.S.T.). At this point there was hail as large as "two thumbs". Also at this point a 16-year-old boy working in the field jumped into a ditch as the funnel approached, stating that he saw it coming for 3 or 4 miles, that he saw it explode a barn; on the same farm an asphalt shingle was found imbedded 2 inches deep in a 4-foot Oak tree. The same funnel moving to the east-southeast may have been responsible for the damage along a path stretching to Logansport, Roundhill, and Reedyville.					
					Note: See consolidated table following the 4/27/71 7:20 p. tornado entry which lists data for the above tornado and another at 7:20 p.m. The storms had parallel paths about 6 miles apart.					
Muhlenberg, Butler and Warren counties	27	7:20 p.	30	100+	1	?	6	?		Tornado
					This storm was first detected by Nashville Radar near Providence, then the HOOK was detected when the cell was about 4 miles east of Prakesboro. At that time (7:19 p.m. C.S.T.) the cell was mov-					

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM																																																																																					
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Kentucky (continued)																																																																																														
ing toward the east-southeast from about 280 degrees at about 46 m.p.h. The length of the path from the time of the first touchdown of the funnel to the last report of damage was about 30 miles. The funnel continued to move from west-northwest to east-southeast. Ground inspection of the path indicated that the width varied from about 1 to 2 hundred yards, the funnel skipping along the ground for mostly not more than 2 or 3 hundred yards at a time with the exception of a swath about 5 miles in length and up to 1/2-mile in width from South Hill eastward to Highway 79. In Muhlenberg County, 1-3/4 miles east of Emis a 6-room brick veneer home was completely destroyed (evidence of explosion by pressure reduction) at 7:20 p.m. C.S.T. No injuries, no one at home. Debris found as far as 4 miles east-southeast of this residence. Considerable moderate-to-major damage occurred east-southeastward from this site to a funnel touchdown at South Hill, with some skipping. Evidence in this in-between path indicated mostly straight line wind damage. Touchdown at South Hill at 7:35 p.m. C.S.T. and storm on the ground most of the time until it moved eastward to Kentucky 79. Considerable straight-line wind damage to buildings and trees in South Hill but a 50-foot trailer on eastern edge of community completely demolished with only scratches to one occupant. About 1 mile east of South Hill a 60-foot trailer was demolished, with one fatality (occupant of a trailer) and several injuries. Storm path width 0.5 mile at this point. Trailer on Ky. 79 demolished and 2 persons injured. This storm probably the one that continued to move east-southeast-ward to cause additional damage (and injuries) in the communities of Riverside and Richardsville, the storm reaching Richardsville according to State Police report at about 8:30 C.S.T.																																																																																														
<p>Note: See the consolidated table following this entry which lists data for two tornadoes, that for the above tornado and another at 6:10 p.m. C.S.T. The storms had parallel paths about 6 miles apart.</p> <p>Table. Preliminary listing of fatalities, injuries, and property damage, April 27, 1971, storms. (\$ \$)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Muhlen- Berg. Co.</th> <th>Ohio County</th> <th>Butler County</th> <th>Warren County</th> </tr> </thead> <tbody> <tr> <td><u>Casualties</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fatalities</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>Hospitalized</td> <td></td> <td></td> <td>19</td> <td></td> </tr> <tr> <td>Minor injuries</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td><u>Homes</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Destroyed</td> <td>1</td> <td></td> <td>30</td> <td>2</td> </tr> <tr> <td>Major Damage</td> <td>3</td> <td>3</td> <td>30</td> <td>6</td> </tr> <tr> <td>Minor Damage</td> <td></td> <td></td> <td>30</td> <td></td> </tr> <tr> <td>Mobile Homes</td> <td></td> <td></td> <td>4</td> <td></td> </tr> <tr> <td><u>Buildings Destroyed #</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Barns</td> <td>1</td> <td>5</td> <td>200*</td> <td></td> </tr> <tr> <td>Silos</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td>5</td> <td>13</td> <td></td> <td>8</td> </tr> <tr> <td><u>Public Buildings</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Schools</td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Churches</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p># Includes heavily damaged and destroyed. * Includes other + More than 30. \$ \$ Dollar damage figures not available.</p> <p>Note: the above data are for two storms travelling parallel paths west-northwest to east-southeast and about 6 miles apart, beginning about 6:10 p.m. C.S.T. (in Ohio County) and about 7:20 p.m. C.S.T. (in Muhlenberg County). Additionally, many utility lines and trees were downed.</p>											Muhlen- Berg. Co.	Ohio County	Butler County	Warren County	<u>Casualties</u>					Fatalities			1		Hospitalized			19		Minor injuries			1		<u>Homes</u>					Destroyed	1		30	2	Major Damage	3	3	30	6	Minor Damage			30		Mobile Homes			4		<u>Buildings Destroyed #</u>					Barns	1	5	200*		Silos					Other	5	13		8	<u>Public Buildings</u>					Schools				1	Churches				
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Green and Adair Counties	27	8:30 p.	15	17-200	6	58	6	7	Tornado, wind, hail																																																																																					
<p>The funnel, travelling toward the east-southeast, apparently touched down for the first time in the Bramlett area on the southeastern border of Green County about 8:30 p.m. C.S.T. There were no injuries. One home and one mobile home were destroyed. The storm then moved to about 3/4 miles north of Columbia, Adair County, staying on the ground a good part of the time. In the vicinity of Mount Pleasant Church on the Holmes Bend Road (Highway 551) 6 persons died as the tornado demolished a number of homes at about 8:35 p.m. C.S.T. The storm continued its eastward movement, occasionally lifting and then touching down again, touching down at Vester and then at Christine at 8:40 p.m. C.S.T., injuring some persons and destroying a number of buildings. Reports indicated path width varying from 50 to 600 feet. A witness just west of Vester stated that he saw the funnel pass directly over his house, that the lower tip of the funnel was several feet in width at that location, then dip down about 200 feet to the east to strike a neighbor's home; several of the occupants were seriously injured and the home was lifted across the road and demolished. People along the path of the storm stated that hailstones varied in size from goose egg to baseball. Official stated that in Adair County 6 persons were killed, that 15 persons were hospitalized, that 43 persons suffered minor injuries. Dollar value property damage was no available but preliminary surveys indicated: 50 houses destroyed; 50 houses with major damage; 3 mobile homes destroyed; 3 churches destroyed; 33 barns destroyed; 100 other buildings destroyed. Additionally many utility lines and trees were downed.</p>																																																																																														
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Russell and Pulaski Counties	27	9:53 p.	14	100+	2	72	6	?	Tornado																																																																																					
<p>The initial touchdown apparently occurred just east of the Adair-Russell counties border before 9:53 p.m. C.S.T. An aerial photograph indicated the path with here as about 70 yards. This location is about 2 miles north of Russell Springs, Russell County, on Highway 127. The funnel apparently moved east-southeastward from this point on, dipping down occasionally and then lifting. East of the first touchdown spot other damage indicated a touchdown on Highway 80 about 3 miles east of Russell Springs. This was near a roadside park where two distinct paths a quarter-mile apart were visible from an aircraft. The path farthest east contained more severe damage than the path closer to Russell Springs. The funnel then moved eastward, dipped down to damage several houses on Highway 910 as it approached Salem School. A number of persons were injured in the Salem School area as a number of houses were destroyed, and the school suffered severe damage (preliminary estimate, \$150,000). At this point an aerial photograph indicated a path width of about 300 yards. The funnel then stayed on the same eastward path as it moved through the nearby Gosser Ridge community where two persons died as their home and most of the buildings on their farm were destroyed. There were additional homes destroyed and additional injuries. Officials stated that the casualties in Russell County consisted of the two fatalities and about 70 persons injured. Dollar damage figures were not available but officials indicated the following property damage estimates for Russell County: 35 homes destroyed; major damage to 105 homes; 3 mobile homes destroyed; 40 barns destroyed; 79 other buildings destroyed. Additionally many utility lines and trees were downed. A news report stated that along one part of the tornado path in Russell County chickens were stripped of their feathers, but left alive. The funnel apparently continued eastward into Pulaski County, where in the Faubush community two persons were injured, several buildings were damaged or destroyed, and one mobile home was destroyed.</p>																																																																																														
Northeast	27	p.m.	0.02	15	0	0	5	?	Tornado, wind																																																																																					
<p>High winds were responsible for considerable property damage in the counties of Bracken, Mason, Fleming, Lewis, and Robertson. In Lewis County on Highway 57 near Tollensboro a funnel cloud reported by witnesses to have been 30-50 feet wide moving from west to east dipped down very briefly to throw the roof and the west gable of a two-story house to the rights of its path (south) and a tree in the yard of the house to the left of path (north). The funnel cloud was reported to have struck at night at 10:30 p.m. E.S.T. (9:30 p.m. E.S.T.), and to have been made visible by a background of continuous lightning. Radar reports indicated thunderstorm activity in that area at least as late as 8:45 p.m. E.S.T. and some light activity as late as 9:44 p.m. E.S.T.; at 6:34 p.m. E.S.T. radar reports indicated that thunderstorms were moving eastward at about 45 m.p.h., and at 7:44 p.m. E.S.T. tops were at 42,000 feet, 5,000 feet above the tropopause.</p> <p>Note: The tornado summaries prepared for this publication were completed before a study of the following items could be undertaken: several hundred aerial photographs; additional touchdown times (if obtainable); radar film.</p>																																																																																														
Louisiana	None reported																																																																																													
Maine State	7				0	0	4	0	Snow, wind																																																																																					
<p>Snowfall totals variable but mostly 3 to 8 inches, locally over 1 foot in the northwest. Snow heavy and wet in southern portion, weighing down trees and causing extremely hazardous roads. Weight of snow combined with strong winds, with gusts up to 50 mph and over, to break numerous tree limbs. Falling limbs damaged utility lines and other property. Many skidding accidents. Gusts to 58 mph on Matinicus Island.</p>																																																																																														
Maryland	See data at end of table.																																																																																													
Massachusetts State	7	A.M.			0	0	5	0	Snow, wind																																																																																					
<p>Snow, heavy and wet, with totals variable but mostly 4 to 8 inches. Local totals to 10 inches or more in north and west. Amounts tapered down in the southeast to little or none on Cape Cod. Snow stuck to trees and weighed them down. The snow load combined with strong winds, with gusts up to 50 mph and over, to fall many limbs. Some yards badly littered. Falling limbs damaged utility lines and smashed cars and other property. Wind gusts to 61 mph at Chester. Roads extremely slippery, with many skidding accidents.</p>																																																																																														
Michigan Jackson 20 WSW, Jackson County	12	10-10:30 am			0	1	4	0	Thunderstorms-- Wind																																																																																					
<p>Scattered thunderstorms caused spotty wind damage to trees and buildings in south central Michigan. Southwest of Jackson one barn was blown down, killing a pony and dog and trapping 3 other ponies. At Grass Lake, one home and a cottage were damaged. Near Albion, a house trailer was tipped over causing minor injuries to the occupant.</p>																																																																																														
Minnesota State	1-2				0	0	3	0	Snowstorm																																																																																					

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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 (continued)									
		Low pressure center on the 1st. Strong winds and wet snow continued into the 2nd. Heaviest snows were in north central and northeast varying from 3 to 7 inches. The rest of the State averaged about 1 inch. Gusts to 68 mph were recorded at Rochester at 9:38pm on the 1st. Several store windows were blown out. Traffic accidents were numerous across the State due to blinding wet snow.							
St. Cloud, Stearns County	27	1:55 p			0	0	3	0	Lightning
		Thunderstorm with rain-snow and lightning. Lightning struck causing structural damage to roof and ceiling of a motel.							
Mississippi Attala County	1	7:00 p.-7:15 p.			0	0	?	0	Wind
		Woman reported some tin blown from roof at 7:00 p.m. at 12 S Kosciusko (lat. 32.3° N, long. 89.6° W). Cooperative observer living in NW Kosciusko wrote that about 7:15 p.m. "the wind blew real hard but was real high overhead . . .", the next morning he found "in the southeast part of town . . . some trees blown down but no damage done to houses or etc."							
Covington County	1	9:45 p.-9:55 p.			0	0	?	0	Wind
		Radar at 9:45 p.m. indicated a line of heavy thundershowers from Liberty NE to Prentiss to Bay Springs to vicinity of Meridian, moving SE at 12-15 m.p.h. Hattiesburg police reported power lines and trees down at 9:55 p.m. near Ora, 1 N Collins on Hwy. 49 (lat. 31.6° N, long. 89.6° W).							
Greene County	12	About 2:30 p.			0	0	2	0	Dust Devil
		Small whirlwind came out of cloudless sky and caused minor damage to 2 sheds, a 3-room home and tore part of roof off concrete block house under construction. Woman estimated damages \$400-\$500.							
Warren County	14	Around 1:00 p.			0	0	2	0	Dust Devil
		Man reported a small whirlwind touched down for a few seconds at Warfield Smith's Gulf Service Station, Vicksburg. It appeared out of a blue sky and the force of the whirling wind pulled him towards the "dust devil." He said, "We had anchored the (four legged metal advertisement) sign with wire and to the concrete, but that dust devil picked up dirt, thrash and then the sign and threw it into the air." It carried the sign almost to a car at the intersection then back to the station before dropping it in the street, it tried to pull a shirt off a little boy walking by and plucked twigs and leaves from an oak tree nearby.							
Warren County	20	4:40 p.	?	?	0	0	?	0	Hail
		Hail 3/4-inch in size, strong gusty winds and electric storm located 6 SE Vicksburg. Radio station reported marble to 1-inch diameter hail in Vicksburg.							
Coahoma County	20	8:45 p.	?	?	0	0	?	0	Hail
		Clarksdale Police Department reported 3/4-inch hail, strong gusty winds and heavy rain.							
Lincoln County	21	7:35 a.-8:00 a.	16	Up to 200	0	0	4	0	Tornado
		Storm moved from WSW towards ENE. First tornado touchdown about 7:35 a.m. in Getus community, 3 W Brookhaven, where along path 1/2 mile long and 200 yards wide it caused damages estimated \$2,500. Another touchdown east of Brookhaven, from about site of Union Hall Church and on about 5 miles to the Big Springs Church. There a home, 7 ENE Brookhaven, near Big Springs community, at about 8 a.m. lost practically all of its roof, the den was destroyed and there was water damage; also excessive tree damage. In Cooperstown area 4 houses had wind and water damage and a number of outside buildings were destroyed.							
Hinds, Madison, and Rankin Counties	22	7:00 a.-8:00 a.			0	0	?	0	Thunderstorm, Hail, Funnel Cloud Aloft
		About 7 a.m. funnel cloud was reported aloft over the Raymond area. At 7:10 a.m. marble size hail appeared at Forest Hill, SW of Jackson. Civil Defense received numerous reports of hail varying from marble to golf ball size and covering the ground at many places in Jackson and several outlying rural areas. Newspaper noted "in downtown Jackson shortly after 7:30, large hail chunks fell on water-filled streets." Some pieces of hail were 1 1/2 inches long. Most hail damage was to young leaves, some damage to property was reported. Most of the heavy rain fell between 7 and 8 a.m.; there was a little flash flooding on the lower lying streets of Jackson. Radar at 7:30 a.m. indicated a hook echo 5 N Raymond moving E at 45 m.p.h. At 7:45 a.m. a large intense thunderstorm accompanied by very heavy rain and large hail was centered over Jackson and extended from near Pelahatchie to Edwards and between Canton and Hazlehurst. Winds at 7:18 a.m. were reported to have broken arm sized limbs from trees at Van Winkle just W of Jackson, otherwise newspaper noted, "No touchdown or reports of any wind damage . . ."							
Jasper County	22	9:25 a.	?	?	0	0	?	0	Hail
		Highway Patrol reported golf ball size hail at Bay Springs, real dark, high winds, and heavy rain; storm moving towards E 10 m.p.h.							
Jones County	22	10:00 a.							Funnel Cloud Aloft
Mississippi (continued)									
		Funnel cloud reported 14 W Laurel (lat. 31.7° N, long. 89.4° W). Highway Patrol checked; no indications of tornado touchdown located							
Scott County	22	1:10 p.							Funnel Cloud Aloft
		Morton police received report of funnel cloud aloft 6 S Morton (lat. 32.3° N, long. 89.7° W), moving easterly. Newspaper noted, "It apparently remained aloft until it dissipated." Radio station reported hail at 1:45 p.m., 6 N Morton.							
Itawamba County	23	3:07 a.-3:15 a.							Hook Echo
		Centreville, Ala. radar indicated hook echo near Fulton at 3:07 a.m. A severe thunderstorm was indicated by radar near Fulton at 3:15 a.m., moving towards ENE at about 50 m.p.h. No damage reports indicative of a touchdown received.							
Itawamba County	23	5:09 a.							Hook Echo
		Memphis radar indicated hook echo 10 E Tupelo, moving towards NE at 50 m.p.h. No damage reports indicative of a touchdown in Mississippi received.							
Jones County	23	5:30 a.			0	0	5	0	Lightning
		Manager of clothing manufacturing facility at Soso estimated \$80,000-\$100,000 loss from blaze apparently triggered by a bolt of lightning.							
Wayne County	29	About 10:30 a.			0	0	?	0	Wind
		Highway Patrol reported damaging winds at Matherville (lat. 31.9° N, long. 88.5° W); some cars overturned, several houses unroofed and few trees down.							
Lauderdale County	29	5:40 p.							Funnel Cloud Aloft
		Pilot reported funnel cloud 20 NE Meridian (lat. 32.5° N, long. 88.5° W). No reports of damage indicative of a touchdown received.							
Sunflower County	29	7:15 p.							Funnel Cloud Aloft
		Radio station WDRW, Drew reported funnel cloud aloft between Shelby and Drew (lat. 33.8° N, long. 91.6° W); no indication of touchdown and movement was towards ESE.							
Missouri Southern 2/3 of State	4,5,6								Snow
		A heavy spring snowstorm left a record-breaking 6 to 12 inches of snow on the ground in an area 50 miles either side of a line from Neosho in the southwest to Crystal City in the east. Heaviest amounts were reported in Washington and Iron Counties, where 12 inches of snow fell.							
W. Putnam County	20	2:30 pm					4		Thunderstorm Winds
		Thunderstorm winds destroyed four sheds and damaged other out-buildings on eight farms along Route 23 from Highway 136 to 2-1/2 miles south in west central Putnam County.							
Rock Port, Atchison County	26	8:15 pm					4		Lightning
		An 82-year-old semi-invalid woman died of smoke inhalation in a sudden fire triggered by a lightning strike. A home, garage and car were totally destroyed.							
Northwest Missouri	26, 27	8:30 pm-1:30 am					5		Wind, Hail
		Thunderstorms with damaging winds measured to 70 miles-per-hour and hail to 1 inch in diameter affected widely scattered locations in an area northwest of a line from Belton in extreme northwest Cass County to Trenton in Grundy County and southeast of a line from St. Joseph to Princeton in Mercer County. Specific reports follow:							
		8:42 pm St. Joseph Airport--Gust to 70-miles per hour.							
		9:45 PM Weston (Platte County) 1-inch hail; tree damage.							
		9:50 pm (about) I-23, Dearborn, Platte County, Mobile home destroyed.							
		10:20 pm 2 miles south, Cameron--Golf ball hail; winds Est. 70, garage damaged.							
		11:00 pm (about) Pattonsburg, Mobile home rolled.							
		About midnight--Northwest Daviess County, Northwest Grundy County, Southwest Mercer County power poles down--sheds damaged.							
		1:15 am Belton-Grandview-County line area--moderate wind damage to service station canopy and two house roofs.							
Joplin, Jasper County	26	10:00 pm					7		Hail, Wind
		A brief hailstorm with stones ranging from marble to golf ball size caused extensive window and roof damage in Joplin. The storm moved northeastward across the city with major damage generally north of 32nd Street. Damage to glass in schools was so extensive that schools were closed the day following the storm. Hail accumulated 6 to 18 inches in some drifts near buildings. Initial total damage estimates in excess of \$2 million crept up to in excess of \$5 million as total roof damage became apparent.							
Thayer Area, Oregon County	27	1:00 pm-1:30 pm					4		Hail

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
Missouri (continued)									
South Jefferson County	27	1:30 - 2:00 pm							Hail
									Hailstones reported ranging from golf ball size to hen's egg size caused damage in several localities in the Thayer area of extreme southwest Oregon County. The most costly damage occurred at a pickup-camper fabrication plant where 91 camper units suffered extensive window and metal siding damage.
McBride Area, Perry County	27	3:00 pm	1-3/4	20			4		Tornado
									A golf ball to occasional baseball size hail fell at several locations along an east-west swath from extreme northeast Washington County across extreme south Jefferson County through the Valles Mines area south of De Soto.
Miner, Scott County	27	5:15 pm							Hail, Winds
									A small tornado flattened five barns and damaged other outbuildings on several farms from about 1-1/2 miles southwest to a mile north of McBride along Missouri Highway 51. Golf ball size hail had been reported in Perryville a short time earlier.
Montana									None reported
Nebraska									
Hooker County	19	6p	Short Narrow		0	0	3	0	Tornado
									Touched down briefly one mile east of Hullan. Destroyed farm buildings and trees.
Nevada									
Washoe County	9	pm			0	0	4	0	Windstorm
									A storm moved through northern Nevada on the 9th, bringing strong winds which toppled a trailer on U. S. 395 in Washoe Valley near 3:00 PM. In addition, several windows in downtown Reno were broken. Three power lines were reported down in south Reno. Winds gusted to as high as 72 miles per hour on Slide Mountain.
Nevada									
Las Vegas, Clark County	17-18	pm-am			0	0	7	0	Windstorm
									Strong winds felled trees and power lines and made traveling on Interstate 15 South hazardous. The high winds stirred drifting sand and reduced visibility on stretches of the Desert highway. A pickup truck and late model car were crushed by falling trees. Wind on Lake Mead was estimated reaching 65 miles per hour on parts of the lake. A heavy neon sign was blown down in downtown Las Vegas.
New Hampshire									
State	7	A.M.			0	0	4	0	Snow, wind
									Heavy, wet snow totalled mostly 4 to 8 inches but locally to over 1 foot in higher elevations. Very hazardous roads with many skidding accidents. Snow stuck to trees and weighed them down. The snow load combined with strong winds, with gusts up to 50 mph or more, to fell many limbs. Falling limbs damaged utility lines and other property. Some schools closed.
New Jersey									None reported
New Mexico									
Santa Fe, Santa Fe County	15	2:00 p.	2	17	0	0	4	0	Tornado
									Tornado with winds estimated 50 to 75 miles per hour moved northward into the southwestern part of Santa Fe city. Funnel estimated 50 feet wide and 100 feet tall, lasting 15 minutes, was accompanied by roar. Damage to 12 homes, mainly confined to roofs, fences, windows, carports, and outbuildings.
Eddy County	15	2:45 p.	Short Narrow		0	0	1	0	Tornado
									Tornado, 10 miles west of Whites City, demolished metal shed. Funnel dipped twice.
Garry County	15	5:30 p.	Narrow		0	0	2	0	Tornado
									Tornado, 5 miles west-southwest of Mexico, moving from west, damaged residence shingled roof, and scattered irrigation pipe and uprooted trees on opposite side of the road.
Sandia Peak, Bernalillo County	18	Afternoon			1	0	0	0	Heavy snow
									Youth caught in sudden snowstorm while hiking on mountain was rescued in evening but died of exhaustion and exposure, at hospital, early on morning of 19th.
Quay County	18	8:30 p.	Short Narrow		0	0	2	0	Tornado
									Tornado, 1-1/2 miles northeast of San Jon, moving from southeast, destroyed outbuildings, overturned horse trailers, and spread stack of baled hay.
New York									
Hudson Valley, Catskills and Long Island	6-7						4		Snow, wind, rain
									Coastal storm produced heaviest April snowfall since 1956 in south-eastern sections. Snow yields of 6 to 9 inches in Catskills, mid Hudson Valley and northwestern Suffolk County with 2 to 5 inches remainder of Hudson Valley and Long Island. Travel difficult on highways as snow and rain combined to hamper commuter railroads in greater New York City area. Many schools closed in Columbia and Dutchess Counties. Heavy snow and strong winds caused breakage of trees, limbs and power lines throughout much of affected area. Winds gusting to over 50 mph. caused collapse of wall of brick building in Brooklyn; several automobiles damaged by debris of wall. Four autos demolished by toppled trees in Yonkers. Precipitation, mostly as rain, totaled 2.0 to 2.5 inches in New York City area with extensive flooding of streets and low lying areas reported on Staten Island.
New York (continued)									
Oswego, Oswego County	9	3:30 to 4:00 p.m.					3		Wind
									Freakish whirlwind struck two separate properties in residential area of western Oswego. Small wooden shed carried about 100 feet in northwesterly direction and demolished. In second incident a small metal shed was lifted 12 feet in the air, turned counter-clockwise and dropped some 15 feet away to the north. Winds apparently part of squall line which preceded cold frontal passage through Oswego shortly after 5 p.m.
Greene, Monroe County	21	8:45 a.m.			2	4	4		Wind
									Two workmen killed and four injured when winds caused collapse of cinder block wall, 30 feet high by 80 feet long, under construction. Incident occurred at new shopping center site in suburban community northwest of Rochester. Measurements at the Rochester Airport showed wind velocity averaging about 23 mph. at the time.
Orange County	24	evening					4		Wind, rain
									Localized heavy rain and high winds struck Boy Scout Camporee encamped near West Point. Tents blown down and some washed away by rains, forcing partial evacuation. Winds gusting to 50 mph. caused scattered power failures from Orange and Rockland Counties to New York City area. Storm accompanied by gales in lower Hudson Valley and 1 to 3 inches of snow in Catskills.
North Carolina									
State	5-7	-					4	0	Wind, rain, snow
									Intense low pressure storm moved northeastward from eastern Gulf of Mexico parallel to the Carolina coasts, its center a few miles offshore. Winds to 68 miles per hour reported at Diamond Shoals; gusts to hurricane force at Grandfather Mountain. Rains of one to three inches Piedmont and Coastal Plain; snow over much of Mountains. Unofficial reports of accumulations to one foot deep high elevations. Scattered, mostly light, wind damage.
Duplin, New Hanover, Fender and Sampson Counties	20	3-6pm					0	4	Hail
									Tobacco plant beds damaged several areas.
Craven County	21						0	0	Funnel Cloud
									Small funnel cloud reported seen on outskirts of New Bern. No damage or indication of contact with surface.
Alamance; Burke, Mecklenburg, New Hanover Counties	28	1-6pm					5	0	Electrical
									Thunderstorms struck several widely separated areas in the pre-dawn hours. Lightning burned a furniture factory near Morganton; minor damage other areas.
North Dakota									
Extreme northeast	1-2								Snowstorm
									Spring snowstorm snarled traffic, closed schools, stranded motorists and winds of 50 mph whipped snow mixed with dirt into 5 foot drifts. In Lakota area about 100 cars and trucks were stranded.
West and northwest	17	8:00 p - 11:30 p	170	*8	0	0	5	0	Wind
									Severe thunderstorms entered North Dakota near Beach about 8:00 p and moved northeasterly through Keene and Powers Lake. Most damage apparently confined to 8 mile wide path, but very strong winds covered about 40 mile wide swath along path. Damage most severe in area from 6 miles south to 10 miles north of Powers Lake and from about 15 miles southwest to 15 miles north of Keene. In Powers Lake vicinity 17 barns, many other farm buildings, and 3 trailer houses damaged or destroyed. In Powers Lake boxcar being loaded with wheat was moved down track about 20 feet with brakes on. In Keene area a number of barns and outbuildings were destroyed as well as most cattle wind breaks in path of storm. Airplane hangers were destroyed at Beach and primary electric line was downed near Sentinel Butte. Storm was unusual for earliness in season and also that strongest winds were from east and south-east. Several locations along path reported few pea-sized hail stones.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1971

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					KILLED	INJURED	PROPERTY	CROPS	
Ohio									
Southwest Quadrant of State	27	Afternoon-evening					4		Electrical and hail
Entire State	Entire Month						?		Dry weather
Oklahoma									
3 ENE Felt, Cimarron County	19	1:00a.	?	?	0	0	4	0	Tornado
Northern Cimarron County	19	About 1:30a.	?	?	0	0	5	0	Tornado
5 1/2 NW Seminole, Seminole County	19	8:45p.	1 1/2	50	0	6	4	0	Tornado
2 1/2 S to 1 1/2 N of Orlando, Logan County	22	10:30a.	4	*3	0	0	0	?	Hail
Just W of McCloud, Pottawatomie County	22	9:45a.			0	0	0	0	Hail
10 W Felt, Cimarron County	22	12:30p.	Short	Narrow	0	0	3	0	Tornado, 3 funnels aloft
4 SW Burbank, Osage County	22	2:55p.			0	0	0	0	Funnel aloft, wind
4 SW Ponca City, Kay County	22	3:00p.							Funnel aloft
Maysville, Garvin County	22	Around 4:00p.			0	0	0	0	Hail
Sulphur, Murray County	22	4:30p.	2	100	0	1	5	0	Tornado
Near Pittsboro, Pontotoc County	22	4:30p.	1	400	0	0	5	0	Tornado
Between Kingfisher and Crescent, Kingfisher and Logan Counties	22	5:00p.-6:00p.	18	*2-3	0	0	4	?	Hail
12 ESE Tishomingo, Johnston County	22	7:45p.			0	0	0	0	Hail
McAlester, Pittsburg County	22	About 7:55p.			0	0	4	0	Wind, hail, rain
Oklahoma (continued)									
Krebs area, Pittsburg County	22	8:05p.			0	0	4	0	Wind, hail, rain
8 NE Talihina, LeFlore County	22	9:00p.			0	0	0	0	Hail
1-8 W Stillwater, Payne County	22	About 11:00a.			0	0	?	0	Hail
Durant, Bryan County	22	Near Midnight			0	0	3	0	Hail, wind
Ralston, Pawnee County	26	Afternoon			0	0	0	0	Hail
Red Rock and Marland area, Noble County	26	Afternoon			0	0	?	?	Hail
Erid, Breckinridge, and Garber areas, Garfield County	26	3:30p.-7:30p.	30	*5	0	15	6	5	Hail, wind, funnel aloft
N of Anadarko, Caddo County	26	4:35p.-5:40p.	10	880	0	0	0	0	Minor Minor Hail
W and S of Fairfax, Osage County	26	5:30p.-6:00p.	10	*5	0	0	3	5	Hail
3 NE of Verden, Grady County	26	5:55p.			0	0	0	0	Hail, funnel aloft
3 NW Avant, Osage County	26	7:56p.			0	0	0	0	Tornado
10 W Cleveland, Pawnee County	26	8:00p.			0	0	4	0	Tornado
Sperry, Tulsa County	26	9:26p.			0	0	0	0	Hail
Collinsville, Tulsa County	26	9:41p.			0	0	0	0	Hail
Duncan, Stephens County	28	9:20p.	7	*2	0	1	5	0	Wind, 3 funnels aloft

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STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1971

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					KILLED	INJURED	PROPERTY	CROPS		
Oklahoma (continued)										
										containing the golf balls was completely destroyed by the strong wind resulting in golf balls being scattered over the area. One elderly lady was injured slightly when she slipped and fell after power went off at her home. Three funnels were sighted aloft during the storm.
Grady, Jefferson County	28	About 9:45p.			0	0	0	0	Hail	Hailstones, mostly very small, but a few one inch in diameter caused no damage.
Tulsa area, Tulsa County	29	11:00a.-12:30p.			0	0	Minor	0	Hail, wind, lightning	Up to golf ball size hail, strong wind and lightning resulted in minor property damage as severe thunderstorm moved northeastward across the metropolitan area.
Panama, LeFlore County	29	3:30p.	3/4	*3/4	0	0	0	Minor	Hail	Hailstones up to golf ball size caused only minor damage to gardens.
Oregon Eastern Oregon	9	2:00p.-5:00p			0	0	4	0	Wind	Strong post-frontal winds east of the Cascade Mountains caused light scattered damage and blowing dust which greatly reduced visibility. Elgin had 1/2-mile visibility at times while the Pendleton WSO recorded 1/4-mile visibility and 52 mph winds at 3:20 p.m. Fastest mile of wind at Pendleton was 43 mph at 4:15 p.m. with gusts recorded up to 65 mph. Visibility was near zero along the county road between Pilot Rock and Mission. The wind also reported as a contributing factor in the cause of rear-end collisions involving six cars between Stanfield and the Stanfield Junction.
Medford area, Jackson County	23, 24	afternoon 23rd, morning 24th	10	*2	0	0	0	4	Hail	Late afternoon hail showers were scattered across the Medford valley from Central Point to Talent. Much of the hail was up to 1/4-inch size and banked up against fences and buildings. Only traces of the hail were recorded at the Medford WSO where hail fell between 2:58-3:06 p.m. and 4:29-4:33 p.m. on the 23rd and from 10:20-10:30 a.m. on the 24th. Local growers and County Extension agents reported that hail damage in local orchards will likely result in marking of some years and cause some degrading of fruit.
Pacific										None Reported
Pennsylvania Statewide	6	Evening			0	0	4	0	Snow, wind	A pole near the Mercer County workhouse, carrying a 35,000 volt line, broke off. Customers in the Mercer area were without electricity for a period of time. Residents in southern Bucks County, Somerset County, and Warren County reported similar outages due to downed wires and damaged transformers. Several minor auto accidents were reported in the Pocono Mountains area.
Carbon County	7				0	0	4	0	Wind	About 75 percent of a roof of a Lansford home was ripped off by high winds.
Delaware County	25	Afternoon			0	0	4	0	Lightning	Lightning struck trees and poles, disrupting telephone and electric service over a wide area. A home was damaged in Linwood when lightning struck the TV antenna. In Swarthmore several windows were broken and a parked car was damaged from splinters which flew from a lightning exploded 80-foot pine tree. The wooden pieces weighed as much as 300 pounds.
Westmoreland County	28	Evening			0	0	4	0	Lightning	Lightning struck a home in Ridillatown at 8:10 PM and split the floor in one room in half. Apparently the lightning followed wiring and conductors throughout the home and destroyed all insulation, pushed out the walls in one room, and tossed furniture and appliances about.
Cumberland County	28	Evening			0	0	3	0	Lightning	At 9:49 PM lightning struck a home in Mechanicsburg starting a fire in the rear roof.
Puerto Rico										None Reported
Rhode Island Statewide	6-7	Noon-Noon			0	0	4	0	Snow, wind, tide	Coast storm with rainfall of 1 to 1 1/2 inches, snow which accumulated to 3-7 inches in the north and gale force winds produced extremely hazardous driving conditions. Several weather related accidents occurred including the overturning of two large tractor trailer trucks. High tides produced some low-land flooding.
South Carolina										
Southwestern part of state	23	2:30-5:30 p and 9:00-10:00 p			1	8	6	2	Thunderstorms, high winds, hail & rain	A series of thunderstorms which formed ahead of a surface cyclone, more or less along a warm front, moved through southwestern South Carolina almost in a due easterly direction and caused considerable damage, mainly due to the high winds generated in these thunderstorm cells. Surface winds of 70 miles per hour were measured both at the Walterboro and Charleston airports. A mobile home was demolished just southeast of Bartwell. The woman who was in it was hospitalized but apparently not too seriously injured. Her husband, also in the trailer sustained minor injuries. Considerable timber damage was done in the Bartwell area. Here, as in other areas, the pines 4 to 8 inches in diameter were snapped off 10 to 15 feet above the ground. Larger trees were pushed over and uprooted. Many diseased limbs and trees fell. At the same time considerable timber damage was done a few miles south of Allendale and a house under construction was deroofed. High winds struck Bamberg at 3:30 p.m. and a large tree fell on a small reality office. The occupant and owner received only minor scratches although the small office was severely damaged. A few minutes later the same storm struck Branchville, 15 miles east of Bamberg, and some trees were downed and a few buildings damaged as well as an outage of power. Several buildings were damaged, three mobile homes were destroyed and trees downed in Walterboro and in areas immediately to the north, south and east of this small city. A car was damaged when parts of a barn fell on it. A boy who was in the barn when it collapsed suffered cuts and bruises. A woman and her baby were reported slightly injured near Walterboro and another young boy was hurt slightly by falling tree limbs. Power was off in Walterboro and one house was set fire by lightning. The general area of Charleston and its outskirts were struck next, between 4 and 5 p.m. and extensive damage was done. Many trees fell on structures and on automobiles. One man was killed as a tree fell on the cab of his truck. A passenger was injured but not seriously. A large crane was toppled into the river. The storms moved out over the Isle of Palms about 5 p.m. of a little after.
South Dakota Most of State	1, 10, 15, 17				0	0	?	?	Strong winds and blowing dust	Winds of up to 60 MPH were reported in many areas of state. Mitchell reported gusts to 75 MPH on 1st and 10th. Below normal precipitation in many areas of state since first of year left the top soil dry and subject to blowing. Many areas had the winter wheat blown out--this was especially true in the west. Some people thought the 'dust bowl' days may be returning.
Stanley, Jones, Mellette and Todd Counties	19				0	0	?	?	Heavy rain and flash flooding	An unofficial rainfall amount of 6 inches in 24 hours was reported at White River. An official amount of 4 inches was reported at Murdo causing the washout of a railroad and derailment of a freight train. The Ghost Hawk Dam broke on the Rosebud Indian Reservation and the flood waters damaged a trailer house and 2 cars. Flooding occurred along Bad, White and Little White Rivers and Pine Creek. This area is very thinly populated with most of the area grazing land; therefore, property damage was not very large. Some roads were washed out.
Tennessee Tullahoma, Coffee County	1	9:00 p.m.			0	0	3	0	Lightning	A fire caused by lightning damaged a mobile home.
Winchester, Franklin County	5	6:00 p.m.			0	0	4	0	Lightning	Eight steers were struck by lightning and killed at Homer Morris' farm on Woods Reservoir Road. Lightning struck the silo and adjoining feeder area where the cattle were being fed.
East Tennessee	6-7				0	0	0	0	Snow	A developing storm center southeast of the Great Smoky Mountains National Park provided substantial rain and periods of snow in eastern parts of the State. Precipitation of 0.3 to 0.7 inches fell in bordering western counties and Cumberland Plateau with more than 1.0 inch in the Oak Ridge-Knoxville-Bristol area, and up to 2.20 inches at Newcomb. Rain turned into snow at Knoxville, where a 24-hour snowfall of 3.5 inches ranks third among the heaviest one-day snowfall in Knoxville's history for April. Ground accumulation totaled only 2.0 inches at Knoxville with greater accumulation in the mountains ranging up to about 18 inches on Clingman's Dome (elev. 6613 ft.), 35 miles southeast and Mount Le Conte (elev. 6593 ft.), 38 miles east-southeast of Knoxville in the Great Smoky Mountains. Heaviest accumulation of 3 to 4 inches fell along the Tennessee-Kentucky border where Tazewell received a 5-inch snow depth.
Southwest 1/2 of State	23	Midnight 2:30 a.			0	15	7	0	Windstorm, hail	One of the most devastating wind and hail storms on record raked the southwest portion of the State during the night and caused at

See reference notes at end of table.

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APRIL 1971

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					KILLED	INJURED	PROPERTY	CROPS	
Tennessee (continued)									
									least \$25 million damage to property and crops. The extreme south-western corner of Tennessee was hardest hit, but most southwest sections of the State received damage. At Memphis where the storm struck at about 1:00 a.m., winds of 70 to 80 miles per hour accompanied by hail ranging in size from one-inch in diameter to golfballs damaged property in scattered areas of the City. Most of the storm damage occurred north of Winchester Road and extended northward to Raleigh and eastward past Germantown. Most severe wind damage was in a 3-mile-wide path from Winchester Road to Park Avenue. All observed wind damage was caused by straight winds. Greatest hail damage occurred further north in the City in a few blocks either side of Summer Avenue. Golfball-size hail was reported in this area, but one-half inch hail was the largest observed at Memphis International Airport. Hail damage was reported in Fayette, Hardeman, and McNairy Counties also. The strongest wind observed at the Airport was 81 miles per hour from the northeast. At the height of the storm, three unconfirmed reports of funnel clouds were received. Thirteen persons were injured, about 8900 homes received light damage, some 570 homes received moderate damage, and 9 homes were severely damaged. Seventy-five places of business reported light damage and 20 buildings sustained moderate damage. At Memphis Airport, some 30 aircraft were damaged at two fixed base operator locations. Extensive damage was reported to utility lines; in large part from falling trees. A few farmers in the affected area reported almost total loss of crops by hail. The Memphis Press Scimitar of May 18, 1971, reported that estimates of damage from this storm in Memphis and Shelby County have risen to nearly \$23 million.
Shelby County	23	1:15 a.m.			0	0	?	?	Funnel cloud aloft heavy rain
									Pilot reported eight miles northeast of Memphis in vicinity of Walnut Grove and Expressway, a funnel cloud moving towards east-northeast. Some wind damage and heavy rain in surrounding area.
Arlington, Shelby County	23	1:45 a.m.							Tornado
									A public report of a tornado at Arlington could not be confirmed.
Martin, Weakley County	27	7:16 p.m.	20	50-100	0	3	4	0	Tornado
									A small tornado touched ground several times along a 20-mile path beginning about three miles west of Martin where two homes and a mobile home were damaged at Buchanan Trailer Park. East of Martin the tornado skipped along the ground in open country and did not cause any additional damage. Property damage in Martin was estimated at \$30,000. The storm moved from west-southwest to east-northeast and apparently crossed the Tennessee-Kentucky border near Hazel, Kentucky.
Nashville, Davidson County	27	7:15 p.-7:35 p.			0	0	?	?	Hail
									Many reports of hailstones to one inch in diameter in Nashville and Davidson County. Hailstones averaged 3/4 of an inch at Nashville Metropolitan Airport. No estimate of property damage was available.
Dyersburg, Dyer County	27	8:30 p.m.			0	0	0	0	Funnel Cloud Aloft
									Funnel cloud reported by public.
Middle Tennessee	27	8:31 p.-8:35 p.	15	100 to 300	0	3	5	?	Tornado, hail
									Storm moved from west to east. Weather Service Office, Nashville noted in post storm summary, "A tornado skipped across the southern part of Wilson and DeKalb Counties.....resulting in considerable property damage.....touched down in various sections of Prosperity and Liberty communities. At Liberty, the tornado cut a path 300 yards wide and 5 to 600 yards long. There was a brief skip then the tornado touched down at 8:35 p.m., 2.5 miles south of Liberty. Storm damage at Prosperity included: 8 houses, 10 large barns and a large brick church severely damaged, 3 barns destroyed, 14 miscellaneous farm buildings destroyed, 6 automobiles damaged, and 2 miles were killed. At Liberty, 2 houses were destroyed, 1 house was unroofed and 2 barns were destroyed. Trees and utilities suffered extensive damage; hail of golf-ball size damaged automobiles near Cedars of Lebanon State Park". Observed also by Nashville radar, the path of the dell began at a point approximately 25 miles east-southeast of the Nashville Metropolitan Airport and ended about 10 miles east-southeast of the Airport. The tornado caused an estimated \$150,000 damage to property, while damage to crops due to hail and wind was not available.
East Tennessee	28	a.m.			0	0	4	0	Lightning, hail
									Lightning and hail up to about one inch in diameter caused property damage at scattered locations. Heaviest damage was to a residence at Kingsport and Lenoir City.
White County	28	1:00 a.-2:00 a.			0	1	4	0	Wind
									High gusty winds toppled trees, damaged roofs and overturned a mobile home. In Sparta, the Drive in Theater screen was demolished by the wind forces.
Texas									
Near Padre Island, Kleberg County	1	6:03 p							Waterspout
Grandview, Johnson County	2	?	?	?	0	0	2	0	Windstorm
									"It couldn't be that a windstorm (or something) could damage a
Texas (continued)									
									building on a clear day when you can see forever", reported Mrs. Clyde Patterson, but such was the case at the Patterson estate. Mrs. Patterson reported hearing something which sounded like a freight train, looked out the window of their mobile home and saw sheet metal flying through the air. She tried to open the door, but said the pressure was so great that she was unable to pull the door open. After a few seconds she was able to open the door and went outside to find the roof and one side of a sheet metal barn blow off. The metal siding was torn off another barn about 50 yards from the one receiving the heaviest damage. A neighbor, Mrs. Neil Love, who lives about one-fourth mile from the Pattersons, heard the noise and phoned to inquire. The Pattersons said there was nothing in the barn to cause an explosion. Debris was strewn almost to the Love residence. Damage was estimated at \$500.
South Padre Island, Cameron County	3	10:20 a-10:40 a							5 Funnels aloft
Northwest Texas	13				0	0	3	0	Duststorm, wind
									A cold front accompanied by wind gusts of more than 60 miles-per-hour swept through the Panhandle and South Plains stirring up a duststorm. Farmers shut down irrigation wells in an attempt to keep them from clogging with grit. The visibility was reduced to less than three city blocks in downtown Lubbock. The strong winds caved in a corner of the Heath Furniture Company warehouse in Lubbock.
N Stratford, Sherman County	15	6:00 p	1/2	100	0	0	0	0	Tornado
									No damage.
Del Rio, Val Verde County	15	8:01 p-8:35 p	6	1/4	0	0	6	0	Hailstorm
									Hail measuring up to two inches in diameter battered Del Rio in two storms and caused 1.8 million dollars damage. Extensive damage occurred to businesses, homes, mobile homes, automobiles, airplanes and neon signs. Windows were widely damaged over the city in the path of the hail. Six hundred windows were broken in the San Jose Housing Project with east sides of the two-story structure taking the brunt of the storm. The roof of the Ricks Furniture Company was severely damaged. Automobile windshields and tail lights were broken. Schools in Del Rio suffered considerable roof and window damage.
10 W San Diego, Duval County	16	2:00 p-2:07 p	1/2	20	0	0	0	0	Tornado
									No damage.
8 SSW Lubbock, Lubbock County	16	2:05 p							Funnel aloft
12 E Temple, Bell County	16	2:15 p	1/2	20	0	0	3	0	Tornado
									A small tornado destroyed a tractor shed near the Red Ranger community about 12 miles east of Temple.
4 SSW Abilene, Taylor County	16	3:40 p							Funnel aloft
1 SW Premont, Jim Wells County	16	4:40 p							Funnel aloft
8 S Agua Dulce, Nueces County	16	4:50 p							Funnel aloft
Near Olin Community, Hamilton County	16	9:00 a	**300	17	0	0	3	0	Tornado
									A small tornado struck the Jim Weeks farm, one-half mile east of the Olin Community, between Hamilton and Nico, at 9:00 a.m. The east side of a large barn was ripped away, and a 250-gallon gasoline storage tank was tumbled and blown more than 300 yards. The path of the tornado appeared to be no more than 50 feet wide, and barely missed a large barn and feed lot. Mr. Weeks reported that had the funnel been 10 feet to the left the larger structure would have been demolished. Damage was estimated at \$2,000.
Lubbock, Lubbock County	17	12:30 p							Funnel aloft
									A funnel cloud aloft resembling a "straight stove pipe" danced over the southwestern part of Lubbock, then turned southeast, then south toward Lynn County without ever touching ground. The funnel emerged from a small thunderstorm cell whose top was only 22,000 feet high as measured by the National Weather Service radar. The cloud later topped at 31,000 feet before the system gradually weakened and dissipated.
Near Slaton, Lubbock County	17	12:20 p-12:50 p							2 Funnels aloft
									Funnel clouds were observed near Slaton; one was northwest of the city; the other about two miles southwest. Neither funnel touched ground.
La Grange, Fayette County	17	2:00 p-3:30 p	15	1/2	0	0	3	3	Hailstorm, 5 Funnels aloft
									Small hail averaging one-half inch in diameter pelted a large area around La Grange including the Ellinger and Fayetteville areas to the south of La Grange and the Ruterville area to the north of La Grange. A few hailstones measured 1/2 inches in

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	
Texas (continued)									
10 NW Huntsville, Walker County	17	3:00 p-3:15 p							Funnel aloft
Brooksmith, Brown County	17	Afternoon	?	?	0	0	4	0	Hailstorm
									Hailstones up to the size of golf balls (1 3/4 inches) pounded the Brooksmith community in Brown County. The hailstorm, which lasted about 15 minutes, damaged many roofs, broke windows and damaged automobiles. Leaves were stripped from trees and the ground was covered with ice.
6 N Glen Rose, Somervell County	17	6:30 p	?	?	0	0	3	0	Hailstorm
									Hail up to 1 3/4 inches in diameter fell in Somervell County about six miles north of Glen Rose.
Lake Balton, Bell County	17	9:00 p-9:30 p	1	1/2	0	0	4	0	Hailstorm, Funnel aloft
									Hailstones averaging 1 3/4 inches in diameter damaged some automobiles, boats, canopies and roofs in the Morgan's Point Resort City area. Damage was estimated at \$20,000. Largest hailstones were 1 1/2 inches in diameter. A funnel cloud aloft was sighted in the area.
Oglesby, Coryell County	17	Night	**100	10	0	0	3	0	Tornado
									A tornado touched down briefly just outside the Oglesby Community in Coryell County destroying a car garage and causing other damage at the J. R. Beatty home. Beatty said rain had been falling heavily in the Oglesby area when suddenly the rain stopped.
									"Then she hit", Beatty said. "It lasted about two minutes. It completely destroyed my garage. It just exploded", he said. "It also got two butane tanks and ripped up some water pipes".
									The tornado uprooted some trees in the front of the house and broke out a window in the rear of the home.
3/4 NE Muleshoe, Bailey, Lamb, Farmer and Castro Counties	18	10:45 p-11:15 p	4	67	0	2	4	0	5 Tornadoes
									Five tornado funnels roared over Muleshoe like "a great big train", they touched ground northeast of the city. The tornadoes were out of the same thunderstorm cell, about two miles apart, and all touched ground. They hit first about three and one-half miles northeast of Muleshoe and hopped and skipped over an area about ten miles wide and about 2 1/2 miles long. Two of them showed to have hit ground harder than the others. The damage path was about four miles long for each tornado, and path widths were 150 to 200 feet. The tornadoes moved from southwest to northeast at about 25 to 30 miles per hour. Twenty-five farm homes were damaged. Two persons were injured, 38 electric and telephone poles uprooted. Gerald Mendoza, 13-month old son of Mr. and Mrs. Paul Mendoza, suffered lacerations when the family's trailer home was rolled and twisted and split in half. Mrs. Estelle May, 66, was injured when her automobile was blown off the road about two miles south of the Leavie Community and wrecked. While Mrs. May was being injured in the storm, her house was being moved about two feet off its foundation. The home is located about five miles north and 1/2 miles northeast of Muleshoe. Total property damage was estimated at \$50,000. Most likely the tornadoes which struck the Hereford, Dawn and Umbarger areas of Deaf Smith and Randall Counties during the early morning hours of the 19th were out of the same thunderstorm cell, or were possibly the same tornadoes.
Near Farwell, Farmer County	18	11:00 p	?	?	0	0	?	?	Hailstorm
									Hailstones up to 1 3/4 inches in diameter fell near Farwell. The extent of damage, if any, is not known.
12 and 17 NW Dalhart, Dallam County	19	12:15 a-12:25 a	8	150	0	3	4	0	2 Tornadoes
									Twin tornadoes, moving from southwest to northeast along parallel paths approximately five miles apart, struck 12 miles northwest and 17 miles northwest of Dalhart. The nearest tornado first struck the Higgins farm about 12 miles west of Dalhart, then proceeded through the Johnson Ranch, the Bressler farm and the Reynolds farm, about 12 miles northwest of Dalhart. The Noel Reynolds farm was the hardest hit. The north end of a big quonset building was sheared away and torn to bits. The south end of this building is about 60 to 75 feet from the Reynolds' home which was not damaged. Two large poultry brooder houses and a new trailer house were destroyed. Three head of cattle were killed out right; seven others were hurt so badly they had to be destroyed. The pipe from a water well at the Reynolds' place disappeared during the tornado. The Reynolds theorized that either the pipe was sucked out of the well and carried away, or it was partially sucked up out of the well and then jammed back in so hard it was out of sight and may be beyond recovery. The path of this tornado was about eight miles long and 150 yards wide. The Joe Zinsers reported hearing the "awesome roar" of the storm as it passed near their home.
									The second tornado hit the XIT farm, 17 miles northwest of Dalhart, at about the same time. Damage was heavy. Three persons were injured here, one seriously, when a large trailer house in which they were sleeping was totally demolished. Gregg Lair, sleeping alone in another trailer, was not injured.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
Hereford, Deaf Smith County	19	12:30 a-12:55 a	6 1/2	133	0	24	6	0	Tornado
									Lair said, "The trailer seemed to explode from the inside out". The path length and width of this tornado is not known.
									A tornado bounced through a portion of Hereford's industrial and residential section and caused more than \$3,000,000 damage in its south-to-north path. It mercifully stayed within a one-block-strip and was apparently about 100 feet off the ground most of the time. Twenty-four persons were injured, none seriously; there were no deaths. Twenty-five homes and 22 mobile homes were destroyed. Some 125 homes were damaged; six businesses suffered heavy damage.
									The tornado, the first in Hereford's history, first dipped to earth about 12:30 a.m. some five miles southwest of Hereford; at 12:45 a.m. it destroyed some houses near Ward Cin, one mile south of Hereford, then it destroyed homes and buildings another block north, headed directly north. The tornado swerved only slightly in a south-to-north one-block wide swath through the east edge of the city. The storm path was bordered by Avenue K on the right and Star Street on the left. It barely missed a hospital. The damage strip through the city was about three miles long. On the west side of Star Street, hardly anything was touched. Across the pavement, horns were unrooted, fences exploded into nothing, and camper trailers toppled. The same was true on Avenue K, the street to the east. Nothing was out of place on the east side, but on the west was more demolition. The tornado spent only 5-to-10 minutes in Hereford. Sheriff Travis McPherson said the tornado appeared to swirl 100 feet off the ground as it passed across the city.
									"The tail of it would just kind of dip down every once in a while. It bounced for several hundreds of yards, then jumped over the hospital", he said.
									McPherson, 29, sped one block ahead of the tornado warning sleeping residents with his patrol car siren.
									"It was a big white funnel", McPherson said, "you could see it when lightning flashed behind it. As the funnel spun down, my car kind of began floating around. I believe if it had stayed on the ground, it would have taken out a city block."
									"When I went into law enforcement I never dreamed that some night I'd be a Paul Revere, West Texas style", McPherson said.
									Mrs. Calvin Edwards said the silence preceding the tornado was "the most deathly silence I've ever heard. We just thought 'what's going to happen to us now?'"
									Dudley Bayne said, "It hit, then it was calm. There was only 30 seconds from when it hit to when it was calm again".
									A police dispatcher said the tornado played with the trailer homes like they were "logs". It "rolled the homes over and over", he said.
SW Umbarger, Randall County	19	1:09 a	1/2	20	0	0	0	0	Tornado
									A tornado touched down in open country southwest of Umbarger; there was no damage. The storm moved from south to north.
Near Dawn, Deaf Smith County	19	Morning	1/2	20	0	0	3	0	Tornado
									A tornado, other than the one that struck Hereford, touched earth on the Alfred Reinart farm near Dawn where it damaged the Reinart home, a grainary and four barns. One of the barns was blown on top of the house.
Crystal City, Zavala County	19	6:30 p-7:40 p	1 1/2	1/2	0	0	5	3	Hailstorm
									Jagged hailstones more than four inches in diameter fell within the city limits of Crystal City. The large stones weighed one-half pound and up. Roofs throughout the town were ruined, trailer houses received severe beatings, windows were broken and cars out in the storm were dented all over. The hail crashed the roofs and ceilings of some homes and through screens and windows in others. Damage to property was estimated at \$60,000. The large stones were widely scattered and the average size of the hailstones that fell during the storm was only about one inch in diameter.
Near La Pryor, Zavala County	19	7:33 p	?	?	0	0	?	?	Hailstorm
									Hailstones up to 2 1/2 inches in diameter fell near La Pryor, while hailstones one inch in diameter fell within the town. The extent of damage is not known.
Cotulla, La Salle County	19	9:03 p	?	?	0	0	?	?	Hailstorm
									Hail one inch in diameter fell at Cotulla. The extent of damage, if any, is not known.
8 SW Coyanosa, Pecos County	21	6:10 p							Funnel aloft
Chicot and Forest Chapel Communities, Lamar County	22	6:00 a-6:20 a	20	1/5	0	0	4	5	Hailstorm
									A severe hailstorm, with largest hailstones 1 3/4 inches in diameter, destroyed almost all crops in a 20-by-5 mile area of Lamar County. Pecan orchards were stripped bare. Hailstones drifted one to two feet deep in bar ditches. Rural homes suffered roof and window damage.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) Tarrant County	22	6:00 p- 7:00 p	?	?	0	0	?	?	Hailstorm
									Hail averaging one inch in diameter fell in the eastern part of Tarrant County including the extreme eastern part of Greater Southwest International Airport. There was no report of any damage.
Erath County	28	4:50 p- 6:45 p	35	*7	0	0	5	4	Hail and Windstorm, Tornado, 2 funnels aloft
									Hail and high winds caused considerable damage to homes and other buildings throughout a path some 35 miles long and seven miles wide across Erath County. Most of the wind damage was to older structures. A mobile home owned by Homer Sparkman, located two miles north of Stephenville was overturned and a tool shed at the Erath Garden of Memories near Stephenville was demolished. Three funnels were sighted, only one of which touched ground. The tornado destroyed two chicken houses near Alexander. Greatest damage was from hail which measured up to 2 1/2 inches in diameter. Many windows were broken by the hail and roofs were damaged. The storm moved from northwest to southeast.
Carbon, Eastland County	28	5:00 p- 5:30 p	10	*3/4	0	3	5	4	Tornado, hailstorm
									A tornado, accompanied by heavy hail, damaged several buildings and trailer houses in Carbon and caused three injuries. Dwayne McDaniel, his wife, and one-year-old daughter suffered minor injuries when their trailer house was torn apart. One wall of the top story of the Carbon school building was ripped out, and an old sheet metal garage building just off Main Street collapsed. The hail damaged almost all roofs in the town. Hailstones averaged one inch in diameter with largest stones two inches in diameter. Damage to property from the tornado was estimated at \$20,000, and from hail at \$50,000; damage to crops from the hail was estimated at \$20,000.
N Granbury, Hood County	28	5:30 p- 6:00 p	11	*1	0	0	5	?	Windstorm, hail, tornado
									Strong thunderstorm winds and hail caused extensive damage to property in an area about 11 miles long and one mile wide beginning three miles northwest of Granbury and extending to a point about 10 miles northeast of Granbury in the direction of Cresson. One tornado touched down in this area. One trailer house was destroyed; 10 to 12 others were overturned; numerous barns and farm out-buildings were destroyed. Hailstones up to 1 3/4 inches in diameter broke windows and damaged roofs.
Gorman, Eastland County	28	5:40 p	?	?	0	0	?	?	Hailstorm
									Hailstones 1 3/4 inches in diameter were reported at Gorman. The extent of damage, if any, is not known.
McCulloch County	28	6:00 p- 6:20 p	?	?	0	0	3	0	Hailstorm, wind
									Hail caused mostly minor damage to roofs of homes, fruit trees and gardens in the southern and eastern portions of McCulloch County. Hailstones averaged about one inch in diameter; largest stones were two inches in diameter. Strong gusty winds caused minor damage to property also.
Johnson County	28	6:30 p- 7:00 p	1/2	20	0	1	5	0	Windstorm, 3 tornadoes
									Strong thunderstorm winds damaged property in an area about 32 miles long and three miles wide, oriented west-southwest to east-northeast across Johnson County. The most severe damage was the result of what appeared to be three small tornadoes that struck about three miles east of Godley, 2 1/2 miles north of Cleburne and two miles north of Alvarado. The tornado east of Godley was travelling along a path approximately 3/4 miles north of the path of the tornado 2 1/2 miles north of Cleburne.
									On the James Wallace farm three miles east of Godley, the tornado almost demolished a large barn. The south half of the barn roof fell to the south side as if the building had almost exploded. The small tornado made a path across the barn floor, cleaning the floor of hay and pulling dirt away from the bails of hay. Debris of the barn was strewn over a narrow path about 1,000 yards in length. Two large tanks were picked up and carried for several hundred yards. Light bulbs in sockets on a roof within several yards of the barn were not broken.
									At the Diamond-Earley Mobile Home Sales lot, on State Highway 174, about 2 1/2 miles north of Cleburne, a small tornado overturned four mobile homes, demolishing three and heavily damaging the other.
									Highway Patrolman Billy Roe and City Patrolman John Woody witnessed the storm cloud when it moved into the Cleburne area about 6:45 p.m.
									Both officers said, "the storm cloud was right down on the ground and looked to be about two miles wide. The cloud was accompanied by a wall of sand and dust rising about 25 feet into the air and above the dust cloud it looked smoky." Neither officer actually saw a funnel cloud.
									Two miles north of Alvarado, a small tornado completely demolished a mobile home, injuring Mrs. Zona Poesley, 70, who was inside. Her son's trailer nearby received only minor damage. Northeast of Alvarado, a 40-by-200 foot brooder house on the Kermit Smith farm was completely demolished.
									See reference notes at end of table.
Texas (continued)									Damage from the three small tornadoes was estimated to be \$35,000, while windstorm damage was estimated to be \$40,000.
Walnut Springs, Bosque County	28	6:40 p- 7:00 p	?	?	0	0	5	5	Hail and windstorm, 3 funnels aloft.
									Wind and hail caused extensive damage to roofs and windows of almost every home in the Walnut Springs community. Hailstones averaged 1 1/2 inches in diameter and largest stones were three inches in diameter. The oat crop in the surrounding rural area was largely destroyed. Two funnels were observed aloft, and a loud roaring noise was heard, but there were no reports of the funnels touching ground. Many goats and a few cattle were reported killed by the hail.
Comanche, Comanche County	28	7:00 p- 8:00 p	?	?	0	0	4	0	Windstorm, funnel aloft
									A windstorm crumpled a section of roof, about 100 feet long, of a warehouse building belonging to Clay Building Materials Company in Comanche. The high winds also blew out a plate glass window at Dudley Bros. store, and blew down a number of billboards and signs around town. Total damage was estimated at \$5,000. A funnel cloud was sighted aloft near the intersection of U. S. Highway 67-377 and State Highway 36 on Comanche's west side about 7:20 p.m., but it did not touch ground.
Payne Springs Community, Henderson County	28	7:30 p- 8:00 p	1	100	0	0	4	0	Tornado, windstorm
									A tornado moved through the Payne Springs Community about five miles west of Eustace. One house trailer was demolished; roofs of several barns were blown off; and several trees were uprooted. Wind damage occurred over a path about one-half mile wide. Total damage was estimated at \$8,000.
Waxahachie, Ellis County	28	7:50 p- 8:30 p	10	100	0	1	6	0	Tornado, windstorm
									A tornado accompanied by severe thunderstorm winds swept through Waxahachie and resulted in damage to 15 businesses, an Orphans Home and numerous residences. Only one person was injured. Additional damage was incurred by rural communities east-southeast of Waxahachie. Total property damage was estimated at \$1,000,000. The tornado, probably no more than 100 yards wide, blew away an entire new section of the Veterans of Foreign Wars building on access road 35E, northwest of town. Sixty persons were inside the VFW hall when the roof collapsed, but only one was injured.
									Lisa Taylor said, "I was stared to death. You could hear it roaring and you could see the ceiling start raising up."
									Heaviest damage occurred at Waxahachie's Northgate Shopping Center on North U.S. 77. The mall in the corner of the L-shaped main structure, bore the brunt of the tornado. Damage to the shopping center was estimated at \$250,000.
									The path of windstorm damage through Waxahachie was about eight blocks wide.
									What was apparently the same tornado traveled in an east-southeasterly direction to the Boyce Community about five miles east of Waxahachie. Here almost every home and building in the community was damaged. At Boyce, the Baptist Church was flattened, the Roy Howell home destroyed and three trailer houses vanished, their debris scattered across open fields. A total of six homes were destroyed at Boyce and 17 others were badly damaged from Loop 12 at Waxahachie all the way to Boyce.
									Mr. W. E. Lipsey, whose home at Boyce was damaged, said, "about 10 minutes after it hit the wind turned around and came back, depositing an egg, unbroken, from my henhouse 75 yards away."
									Mrs. Jack Lightsey, whose trailer home was across the road from the main area of destruction, said, "it sounded like 1,000 freight cars and there was an ominous cloud overhead".
Garrett Community, Ellis County	28	8:00 p	1	100	0	20	5	0	Tornado, windstorm
									Twenty persons were injured when a tornado cut through the Garrett Community just north of Emis. Christian's Trailer Park, where all the injuries occurred, was almost a total loss. Fifteen of 20 trailers were demolished and one 65-foot-long trailer was entwined with nearby tree branches in a grotesque ruin. Of those injured, only two were in serious condition. Windstorm damage occurred throughout a path approximately one mile in width.
									Many persons said the tornado hit twice from different directions within minutes. One of the mobile homes at Garrett was blown on its side according to the resident, Mrs. G. A. Fread, then minutes later blown right side up.
									Tornado path trajectories indicate that this tornado was very closely associated with the tornado which struck Waxahachie and Boyce. Most likely the two were part of the same thunderstorm cell, moving toward the east-southeast. Four mobile homes were completely destroyed on a sales lot about one mile south-southwest of the Christian Mobile Home Park. Wind damage occurred in Emis, and a Fire service station located about 3/4 miles south of the Christian Mobile Home Park was demolished. Total damage to property was estimated at \$150,000.

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					KILLED	INJURED	PROPERTY	CROPS		
Texas (continued)										
5 S Meridian, Bosque County	28	8:30 p							2 Funnels aloft	
Navarro and Hill Counties	28	8:30 p	30	*10	0	0	4	4	Hailstorm Hailstones up to 1 3/4 inches in diameter damaged roofs and broke windows in the Dawson Community of Navarro County, and in the rural area westward to about Hillsboro in Hill County. Most of the hail was about 3/4 inch in diameter. Property damage was estimated at \$40,000.	
3 NE Athens, Henderson County	28	9:20 p	?	?	0	0	4	0	Windstorm, hail Strong thunderstorm winds damaged several mobile homes in the U-D Mobile Home Park at Lake Athens. Two homes were turned over while others lost siding and fences. Total damage was estimated at \$10,000. Hailstones up to 1 1/4 inches in diameter fell during the storm; average size of the hail was 3/8 to 1/2 inch in diameter.	
Utah	None reported									
U. S. Virgin Islands	None reported									
Vermont State	7	A.M.			0	0	4	0	Snow, wind Snowfall totals extremely variable, from less than 1 inch to more than 1 foot. Snow wet and sticky at lower elevations weighing down trees. Strong wind combined with snow loading to break many limbs, damaging utility lines and other property. Roads extremely slippery, with skidding accidents. Larger snowfall totals mostly in southeast, with the least in the Lake Champlain area.	
Virginia State	6-7	0 0 4 0 Wind, tide, snow Along the coast high winds and tides caused slight damage. Minor flooding occurred with some beach erosion. Signs and utility poles were blown down and also a wall of a building under construction in Virginia Beach. Three large lighted navigation buoys operated by the Coast Guard were beached or sank. Heavy snow fell over the western part of the state with maximum depths greater than one foot at many locations and especially at higher elevations. Transportation was interrupted and delayed, utility service was disrupted, trees were damaged and downed, and a number of employees of the Holiday Inn on Afton Mountain were forced to spend the night at the inn.								
Washington	None reported									
West Virginia Logan, Logan County	2	evening			0	0	2	0	Windstorm High winds damaged the roof of the weather observer's house, as a strong cold front pushed across the State.	
Wisconsin Southern Counties	12	9 am - 5 pm			0	0	4	0	Hail Intermittent thunderstorms with hail up to 1 inch in diameter pelted southern third of state on several occasions during day. Barograph trace at Madison indicate five pressure jumps each one associated with a hail storm nearby. Some minor damage to cars.	
Eastern counties	23	3-6 pm			0	0	4	0	Wind Sharp cold front moving southward across state had strong gusty winds and snow squalls associated with it. House trailer damaged at Gillett. Also minor damage to farm buildings at 4 SW Hilbert in Calumet county which may have been caused by small tornado funnel or whirl associated with front.	
Northwestern Counties	30	3 - 7 pm			0	0	4	0	Wind, hail Wind damage to trees and wires in Washburn, Barron and other northwestern counties. Also some 3/4 inch hail reported with thunderstorms in the area.	
Wisconsin (continued)										
State	1 - 30				0	0	5	0	Flooding Minor overflow of the state's rivers during snow melt. Some damage to public and private property in low-lying areas throughout state.	
Wyoming Ft. Laramie 7 NE	18	4:00 p.	3/4	35	0	0	3	0	Tornado Tornado moved towards farm from east, did damage to outbuildings and equipment, then moved north.	
Cheyenne	19	7:00 p.	3/4	20	0	0	3	0	Tornado Tornado moved from southeast to northwest, did damage to roofs, outbuildings, toppled one house trailer, 3-1/2 miles east northeast of Cheyenne Weather Service Office.	
Delaware Southern coastal areas	6	All Day			0	0	4	0	Wind, rain Wind and high tides, associated with a "northeaster" caused considerable beach erosion, especially in the Bechany Beach area where three feet of sand was reportedly lost from the beach. The U.S. Coast Guard station at Indian River Inlet reported winds to 67 miles per hour and tides three to four feet above normal. Worst damage occurred during afternoon hours. Minor flooding was reported in many places along the coast. There were scattered reports of trees and chicken houses blown over. Storm rainfall included 2.20 inches at Milford and 2.05 inches at Lewes, both official weather stations.	
Maryland Frederick	14	Early Morning			0	0	4	0	Wind Very strong winds knocked down a 280-foot outside load-bearing wall and 90 feet of interior wall of a school under construction. Outside wall was 11 inches thick while the interior was 8 inches thick. Exact time of occurrence was unknown but likely between midnight and 4:00 a.m. Damage estimated at \$35,000.	

- ° 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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