

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

MAY 1969

Volume 11 No. 5



Asheville 1969

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Alabama									
Megargel Community, Monroe County	8	Evening			0	2	3	0	Wind
Mobile home demolished. Two occupants injured.									
Dale, Henry Counties	11	Evening			0	0	5	4	Rain
Torrential rains estimated over 10 inches fell in few hours caused local flooding damaging crops, highways and bridges.									
Yantley Community, Choctaw County	17	1 p.m.					4	0	Wind
Two houses unroofed, outbuildings damaged, trees uprooted with severe thunderstorm.									
Pondville Community, Bibb County	17	4 p.m.			0	0	4	0	Wind
Three barns destroyed from wind with severe thunderstorm.									
Birmingham, Jefferson County	17	5:15 p	Short	?	0	0	4	0	Tornado
Tornado sighted as it dipped down on southside overturning trucks, uprooting trees, damaging 1 house and a warehouse.									
Perry County	17	6 p.m.							Funnel
Reported by State Trooper 5 miles south of Marion. No evidence of touching ground.									
Pike County	17	6:10 p 7:15 p	15	?	0	0	3	0	Tornado
Tornado touched down about 10 miles south of Troy damaging trees and power lines. Moved northeast and sighted later in Banks area about 8 miles east of Troy. Only minor damage as funnel remained aloft over most of path.									
Brantley, Crenshaw County	18	7:30a	5	?	0	0	4	0	Tornado
Tornado struck in Sasser Church Community, southwest of Brantley and skipped northeast along Highway 29. Several houses damaged, store unroofed, 3 mobile homes demolished, and many trees destroyed in path.									
Smuteye Community, Bullock County	18	9:30a	Short	Narrow	0	0	4	0	Tornado
Tornado on ground for short distance, destroyed a house and store, unroofed a house, damaged farm buildings and machinery.									
Simcoe Community, Cullman County	18	10:00 a	1/2	50	0	0	4	0	Tornado
Tornado demolished 2 mobile homes and barn about 1/2 mile apart. Sighted by occupant of trailer.									
Fyffe Community, DeKalb County	19	6:30 p			0	1	4	0	Wind
Demolished mobile home injuring occupant. Barn nearby unroofed.									
Pell City, St. Clair County	21	Morning			1	0			Electrical
Young man killed when lightning struck a nearby tree.									
Grand Bay, Mobile County	27						0	0	Hail
Hail, 1" in diameter fell briefly. No damage.									
Colbert County	30				0	0	4	0	Wind, rain, hail
High winds caused partially unroofed warehouse, damaged shopping center. No damage from small hail or heavy rains.									
Alaska									
None reported									
Arizona									
Gila Bend	11	9:00 p.			0	0	4	0	Wind
Strong winds caused considerable damage to roofs in town									
Arkansas									
Elytheville and Manilla - Mississippi County	18	3:25 p.							Funnel cloud aloft
Public reported a funnel cloud aloft associated with a strong squall line.									
De Witt - Arkansas County	18	5:00 p.							Funnel cloud aloft
Arkansas State Police reported funnel cloud aloft with same squall line as above.									
Holly Grove - Monroe County	18	5:00 p.							Funnel cloud aloft
Arkansas State Police report, similar to above.									
Lake Ouachita - Garland County	23	4:30 p.		1					Lightning
21 year old college student was killed by lightning while waiting out a storm on Horseshoe Island in Lake Ouachita.									
Warren - Bradley County	24	11:30 p.	3	1/2 mile			3	5	Hail
Hail 1/2-1 inch in diameter fell covering the ground to a depth of 1-1/2 inches. The 3 mile path stretched from 5 miles east of Hermitage to about 10 miles south of Warren. Considerable damage was done to tomatoes, corn, cotton and field crops as well as some roof damage.									
California									
None reported									
Colorado									
Weld County	4	5:20 PM							Hail
Hail stones 1 to 3/4" diameter fell in the Briggsdale area. Some local damage, amount unknown.									
Colorado (continued)									
Prowers County	5	10:00 AM							Funnel Clouds
Funnel clouds were reported near the state line, one 3 miles east and one 16 miles south of Holly.									
Douglas County	5	4:40 PM							Tornado, Funnel Clouds
A funnel cloud was observed to touch ground for 2 to 3 minutes in an area north of Parker, and about 15 miles southeast of Denver. At about the same time a funnel cloud was sighted east of this location and another about 10 miles south of Denver.									
Phillips County	7	12:15PM							Tornado
Highway Patrol reported sighting tornado south of Haxtun. No known damage.									
El Paso County	7	1:28 PM							Funnel Clouds
Two funnels were reported just southeast of Colorado Springs.									
Eastern Slopes of Mountains, Center of State Northward	4-8				1	2	*7	0	Heavy Rain, Snow
Rain over most of the eastern slopes started late on the 4th. and continued with only brief interruptions in many areas until the morning of the 8th. Very high rates of fall occurred on the 6th. and 7th., the greatest intensities in a band along the mountains from an area about 25 miles southwest of Denver northward to the Estes Park area. Storm totals, as indicated by official and unofficial measurements, exceeded 10 inches over much of this area, and were well over 12 inches in some localities. Heavy snow fell in the higher mountains and later in the period in lower elevation mountain areas. The saturation of mountain soils resulted in numerous rock and land slides, and the heavy run off caused severe damage along the streams and flooding on the South Platte River. Many mountain communities were isolated as highways were blocked and communications disrupted. Roads were severely damaged over a wide area, and a large number of bridges washed out. Many of the mountain roads were closed because of danger of falling rocks. Recreation areas in the National Forests were heavily damaged. A building at Georgetown collapsed from the weight of heavy wet snow. In Boulder a man was drowned when caught by the flooding waters of Boulder Creek, and a patrolman was injured. A man was injured in rescue operations for Jamestown, northwest of Boulder, which was isolated when all access roads and several buildings were washed away. Some crop damage in local areas, but the amount was low compared to property damage or the value of the moisture to crops over a wide area of the plains. Local flooding continued along the South Platte until about the 12th., when the crest reached the state border.									
Denver	11	4:10 PM					5		Funnel Cloud
A funnel cloud was sighted at an estimated 5 to 10 miles southeast of Denver. It dissipated at 4:18 PM.									
Denver	19	4:30-5:00 PM							Hail
Hail stones to 1 inch diameter were reported in Arvada, northwest of Denver, and Aurora, southeast of Denver. Some damage, amount unknown.									
Larimer County	19	Late PM					2	3	Hail
Hail stones up to 2" diameter damaged gardens and crops at the south edge of Fort Collins.									
Otero County	23	9:00 PM					4		Rain, Flash Flood
Heavy rain in Anderson Arroyo, south of La Junta, caused flooding of areas in the city and damaged bridges. Rainfall over the small (54 sq. mi.) basin was estimated at 1 1/2 to 3 inches.									
Las Animas County	31	PM					1		Lightning
A man was killed when struck by lightning while riding a tractor on a ranch about 35 miles northeast of Trinidad, near Model. A severe hail storm caused some property and crop damage in the area.									
Baca County	31	4:15 PM	1/4	50			4	0	Tornado
A small tornado, during a violent thunderstorm with hail, destroyed a broomcorn warehouse, and lifted a large house trailer and dropped it on top of a car.									
Connecticut									
Grosvenordale, Windham Co.	3	3:30 PM			0	0	2	0	Dust devil
Intense dust devil lifted a large sand box cover and deposited it 200 yards away. Adjacent house shingles and door were damaged.									
Statewide	29	Eve			0	1	5	0	Wind, lightning hail
Two waves of thunderstorms occurred about 3 hours apart. Winds up to 80 mph and possibly more in some storm centers, felled trees and power lines in about 30 towns. Lightning set about a dozen fires. Hail occurred in several places and, in Groton, reached up to baseball size. A motorist was injured when a tree fell onto a car in Norwich.									
Delaware									
None reported									
Florida									
Miami	2	1:50p							Funnel aloft

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	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							KILLED	INURED	PROPERTY	CROPS		
Florida (continued)										Florida (continued)										
Tampa (20 mis. S.)	3	2:00p			0	0	3	0	Funnel aloft and windstorm	Key West (5 mis. SE)	22	5:50p								Waterspout
									Funnel aloft observed 6 miles south of Apollo Beach. In what was apparently part of the same weather system, straight line winds turned a trailer on its foundation and downed some power lines in Ruskin about 30 minutes later.	Key West (6 mis. SSW)	22	6:00p								Waterspout
Hillsborough County	3	5:44-6:00p	20	?	0	0	0	0	Tornado	Key West (4 mis. E)	23	4:49p							Waterspout	
West Palm Beach	7	10:15a							Waterspout	Key West (5 mis. E)	24	11:20a							Funnel aloft	
Key Largo (19 mis. W.Homestead)	11	8:00a							Waterspouts (several)	Key West (2 mis. S)	24	3:05p							Funnel aloft	
West Palm Beach (32 mis. WSW)	11	3:45p							Tornado	De Funiak Springs Walton County (10 mis. N)	24	6:30p							Tornado	
Miami (15 mis. W)	12	9:58a							Funnel aloft	Pensacola (8 mis. NE)	24	6:00p			0	0	2	0	Tornado	
Sarasota (5 mis. E.)	12	4:00p							Funnel aloft										Severe thunderstorm with golf-ball size hail. Power poles downed.	
Marathon to Big Piney Key	12	8:00p							Waterspouts (several)	West Palm Beach (25 mis. WSW)	25	12:21p			0	0	0	0	Tornado	
Belle Glade Vicinity	14	5:05p							Severe thunderstorm and small hail	Key West (42 mis. ENE)	25	4:27p							Waterspout	
									Apparently a squall which did extensive damage to tree limbs, power lines and TV antennas. Planes were damaged at airport.	Key West (10 mis. WSW)	26	5:35							Waterspout	
Belle Glade, Canal Point & Pahokee area	15	2:30p			0	0	2	0	Tornado	Fort Lauderdale (7 mis. E)	26	7:00a							Funnel aloft	
									Large funnel cloud touched ground outside inhabited areas. Poles downed on Highway 98, 16 miles SE of Canal Point as tornado apparently "skipped" across county. No deaths or injuries reported.	West Palm Beach (10 mis. NE)	26	9:13a								Funnel aloft
Boca Raton (20 mis. NW)	15	2:36p			0	0	0	0	Tornado	Pensacola (15 mis. W)	26	3:20p							Waterspout	
									This is apparently not the same tornado reported in the Canal Point-Pahokee area. This tornado remote from inhabited area.										Waterspout sighted on Highway 98 on Alabama-Florida line. Dissipated after a few minutes.	
Tampa Bay Area	16	4:17p							Severe thunderstorms, hail and gusty winds	Key West (40 mis. ENE) and Marathon (12 mis. W)	26	3:50p							Several waterspouts and funnels aloft	
									Wind gusts up to 65 mph at Coquina Key just south of St. Petersburg. Public reports 3 inch hail one mile N of Lakota and 1/2 inch hail two miles W of Pinellas Park. A plate glass window blown out in downtown Tampa.	Key West (20 mis. ENE)	26	5:03p								Funnels aloft (3)
Sarasota-Bradenton	16	8:30p							Severe thunderstorms and winds	Key West (10 mis. SSW)	26	6:43p							Funnel aloft	
									Gusts up to 70 mph at Siesta Key, near Sarasota. Bradenton was without electricity for a short time.	Key West (5 mis. S)	27	8:46a							Funnel aloft	
Pensacola (8 mis. W)	18	6:12a							Funnel aloft	Key West (14 mis. ENE)	27	10:40a							Funnels aloft Waterspouts	
Pensacola (5 mis. N)	18	6:15a							Gusty winds										A total of 12 funnels and/or waterspouts sighted in period of ninety minutes.	
									Some tree damage.	Key West (7 mis. W)	27	11:00a							Several waterspouts and funnel clouds	
Crestview (5 mis. N) Okaloosa County	18	5:40a			0	0	4	0	Tornado, wind and thunderstorm	West Palm Beach	27	1:20p							Funnels aloft (2)	
									A mobile home damaged and \$1500 damage to a drive-in restaurant. A house was completely demolished at Dorcas, 5 mis. N of Crestview. Numerous tornado sightings reported but no reports of injuries.	Key West (10 mis. E)	27	1:55p							Funnel aloft	
Auburndale Hillsborough County	18	10:10p			0	0	3	0	Thunderstorm and lightning	Tampa (15 mis. SW)	27	2:00p							Severe thunderstorm	
									Lightning struck Auburndale High School and the resulting fire put two classrooms out of use for the remainder of the session. No injuries reported.										Winds gusting to 81 mph.	
Key West (3 mis. S)	19	10:45a							Funnel aloft	Tampa (25 mis. SSW)	27	6:00p			0	0	3	4	Severe thunderstorm with hail and damaging wind	
Tallahassee (35 mis. SE)	19	4:25p							Tornado										Winds estimated at 80 mph in Terra Ceia area ripped shingles from roofs, toppled chimneys and uprooted trees. Hail up to golf-ball size caused estimated \$50,000 damage to watermelons, corn, okra, peas and cabbage. Some crops were a total loss. Four inches of rain in one hour recorded in Palma Ceia. No injuries reported.	
									Apparently little or no damage as tornado occurred remote from inhabited areas.	West Palm Beach Vicinity	29	1:35p								Funnel aloft
Ruskin Hillsborough County	20	10:30p							Thunderstorm	Key West (14 mis. ENE)	30	3:12p							Waterspout	
									Heavy storm downed power lines.	Key West (23 mis. ENE) (Big Pine Key)	30	3:30p							Waterspout	
Key West (18 mis. WSW)	21	1:10p							Waterspout	Key West (7 mis. ENE)	30	3:50p							Funnel aloft	
Miami (5 mis. SW)	21	1:30p							Funnel aloft	Key West (10 mis. SW)	30	4:18p							Funnel aloft	
Key West (15 mis. WSW)	21	2:22p							Funnel aloft	Key West (20 mis. ENE)	31	10:32a							Waterspout	
Key West (2 mis. SE)	22	8:17a							Funnel aloft	Key West (5 mis. W)	31	12:44p							Waterspout	
Orlando (34 mis. SSW)	22	3:30p							Funnel aloft	Georgia										
Venice (10 mis. NW) Sarasota County	22	5:03p							Waterspouts (3)	Atlanta Area	9	pm			0	0	3	0	Heavy Rains	
										Brunswick	15	pm			0	0	3	0	Heavy Rains	
										Tift County	15	5 a	2	Narrow	0	0	0	3	C	Tornado
																				Several houses and apartments were flooded in the following 3 to 4 inches of rain.
																				Heavy rains caused flooding of streets. Several stores and homes also received water damage.
																				Uprooted trees and snapped big trees and light poles along Highway 319 east of Tifton. Roofs were damaged on several farm buildings, one tobacco barn was demolished and a small pack house was lifted over a fence. Moved northeastward.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS			
Georgia (continued)											
Buford, near	16	5 p	Short	50	0	0	3	0	Tornado		
Small storm touched down briefly and heavily damaged County maintenance barn. Witness reported seeing a "black funnel of smoke about 150 feet in diameter and 200 feet tall" strike the building and move near his home. Another witness reported following the funnel for a distance before it touched the ground.											
Butts and Newton Counties	18	2 - 3 p	12	Narrow	0	0	3	0	Tornado		
Storm touched down briefly in several rural areas as it moved along a 12 mile path from about 4 miles northeast of Jackson, in Butts County, to 6 miles southeast of Covington, in Newton County. Numerous trees were uprooted or twisted off and several farm buildings were demolished or heavily damaged. Moved north-northeast.											
Walton County	18	3:30 p	3/4	50	0	0	4	0	Tornado		
One residence was heavily damaged, several farm buildings damaged and trees uprooted as storm moved along a rural road. Moved east-northeast. Witness reported "whirling" cloud.											
Southeast	18-19				0	0	5	5	Heavy Rains		
Extremely heavy rains over a 12 to 15 County area of southeast Georgia caused extensive damage to crops, roads and bridges. The heaviest rains covered a 2-3 County wide area extending northeastward from Coffee County to Bulloch County. Several places had 24-hour totals of more than 8 inches and rainfall over most of the area was 4 inches, or more. Many bridges and culverts were washed out and several farm pond dams were broken. A few homes and stores were flooded in Glenville. The tobacco crop was especially hard hit by the heavy rains and flooded fields.											
Ball Ground, Cherokee County	20	12 M			0	0	4	0	Heavy Rain		
Extremely heavy rains from an early morning thunderstorm flooded several stores and a sportswear manufacturing plant. City streets were also heavily damaged.											
Alma	20	7 p			0	0	4	0	Windstorm		
Winds associated with a thunderstorm wrecked the office and supply sheds of a lumber company and damaged the roofs of several other buildings. Trees were uprooted and several plate glass windows were broken. Heavy rains accompanied the storm.											
Booby County	23-24				0	0	3	4	Hail, wind, rain and lightning		
Heavy thunderstorms on successive days caused damage to utilities, crops and other property. Hail heavily damaged the peach crop, causing a complete loss in one 25 acre orchard. Cotton was also damaged by hail. Lightning and falling trees damaged utility lines causing an interruption of services in several areas.											
Savannah, 20 miles southwest	25	3:40 p			0	0	?	?	Hail		
Hail 1 1/2 inches in diameter reported.											
Twin Lakes, Lowndes County	26	3 p			1	0	0	0	Lightning		
A 12 year old boy was killed by lightning while playing basketball on a school playground. Several companions were unhurt.											
Hawaii	7	1:49 p.-2:10 p.			0	0	0	0	Funnel cloud aloft		
Well-defined black funnel cloud aloft, moving very slowly eastward and rotating counterclockwise, sighted 5 to 10 miles northeast of Wheeler Field by weather observers and public. Funnel alternately retracted and lengthened (to within half way of ground) from cloud base measured at 2,000 feet. Light rain showers and towering cumulus in vicinity, surface winds south-southeast at first sighting and southeast 7 to 8 miles an hour at dissipation. Woman very near funnel reported that it occasionally disengaged from the parent cloud and became a "whirling black column suspended in mid-air".											
Idaho	14	4:00 p.-4:30 p.	7	*2	0	0	2	4	Wind, hail		
A strong thunderstorm moving eastward across the southeastern area of Elmore County spread damaging hail across the Sailor Creek and Black Mesa projects on the south side of the Snake River south of Glens Ferry. The 2 by 7-mile path of hail caused \$40,000 damage to 880 acres of sugar beets on two farms. The hail only averaged 1/4 inch in diameter but was driven by gusty winds which also destroyed a small building housing booster pumps in the middle of the Sailor Creek project.											
Cassia and Power Counties	14	2:30 p.-3:00 p.	13	*1 - 1	0	0	0	4	Hail		
Very intense thunderstorms moved northeastward across the northeastern part of Cassia County and the northcentral part of Power County. Hail averaging 1/4 to 3/4-inch size damaged crops along a 1/2 to 1-mile wide path extending from Idaho to the northeast and crossing Interstate 15W about 3 miles west of Raft River. A 50% coverage of hail was still visible on the ground for a 1/2-mile along I-15W about 5:45 p.m. About 30% of the stones were still 1-inch in diameter and a few ranged up to 1 1/2 inches in diameter and were 3/4 of an inch thick. Crop damage along this path was estimated at \$20,000. A second hail path averaging 2-miles wide caused damage to 2,350 acres of sugar beets in the Pleasant Valley-Michard Flat area extending from 15 miles west of American Falls to 15 miles northeast of American Falls. Hail covered the ground 1 to 2 inches deep in places with hail averaging 3/4 to 1-inch size and largest stones measuring 1 1/2 inches in diameter.											
Idaho (continued)											
Weiser area, Washington County	18	2:30 p.-3:00 p.	4 1/2	*1 1/2	0	0	0	5	Hail		
A severe thunderstorm moved northeastward across the Oregon-Idaho border just south of Weiser. Hail damage was observed across Weiser Flat and ended just north of the old Institute. Hail averaging 1/4 to 3/4-inch size covered the ground 2 inches deep in places along the path with largest stones of 1 1/2 inches in diameter. Crop loss along path included 50 to 60% of alfalfa hay, 50 to 95% of winter wheat and winter barley, 5% acres of sugar beets, 15 acres of onions, 10 acres of sweet corn, and 50% damage occurred to seed carrots. Hounding hail and rain also hit 5 miles east of Weiser in the Mma Creek area where considerable damage was done to irrigation ditches and some loss of peaches, prunes, cherries and apricots was observed.											
Illinois	7	3:23p					?	0	Hail		
Hail 1 3/4" diameter reported in Quincy by public.											
Vermilion County	10	10:15a - 10:25a	1/8	10	0	0	1	0	Tornado, funnel clouds		
A funnel cloud was observed as it moved eastward across the county and into Indiana. Good visibility aided observations and photography. Most observers, including a helicopter pilot who reported two funnels, did not observe a touchdown. Tree limb and roof damage was reported as storm passed overhead. One funnel apparently touched ground briefly, picked up a 100 lb. calf and carried it in the air for 50 yards, and uprooted a tree.											
Randolph County	13	3:05p					?	?	Hail		
Hail 1/2 to 3/4" diameter reported by Sparta radio station.											
Will County	29	1:40p					?	?	Hail		
Viaducts were flooded and some golf ball size hail and heavy rain were reported between Peotone and Monee.											
Northeastern Illinois	31	11a-12:30p			0	0	95	C	Wind, hail		
Heavy thunderstorms in general area southwest and south of Chicago. Wind damage to roofs, small buildings and trees with some crop damage by hail. Damage scattered throughout several counties but heaviest in area from Dwight to Brockville. Total damage estimated about \$100,000.											
Indiana		E.S.T.									
Southern Indiana	10	10:30a. - Afternoon			?	?	0	0	5	4	Wind
Disruption of electric service as a result of trees being blown across power lines occurred in Evansville about 10:30 a.m. Other power failures were reported in approximately 30 areas in the vicinity. Princeton (Gibson County) and Tennyson (Warrick County) reported trees down and utility lines damaged. In Booneville some windows were blown out in business section and signs blown down. A telephone booth was blown from foundation and bar damaged in Rockport. At Cannelton (Perry County) cars were damaged by falling trees. One business building was deroofed at Evansville. In Johnson area blowing sand damaged early melon and tomato crops.											
Veedersburg, Covington and Attica areas (Fountain County)	10	11:41a. & 11:51a.								Funnel clouds (2)	
Funnel cloud was reported by public at Covington and Veedersburg about 11:41 a.m. Another report of funnel was made about 11:51a.m. at Attica.											
Raccoon State Park (Park County)	10	12:15p.	Short	Narrow	0	0	3	0	Tornado		
Brief touchdown of tornado damaged trees and caused minor damage to buildings.											
Templeton (Benton County)	10	12:17p.								Funnel cloud	
Reelsville to Indianapolis (Counties: Putnam, Hendricks, Marion)	10	12:35p. - 1:40p.			0	17	5	2	Tornado, funnels, wind		
Tornado first reported at Reelsville where 3 houses were damaged and trees uprooted. A second touchdown, 1/2 mile wide and one mile long, at Manhattan resulted in major damage to 15 homes and minor damage to 10. One person injured when house trailer was hurled 50 feet. Two other injuries reported. Path indicated another touchdown near Road I-70 at east edge of Putnam County. About 12:49 one house was extensively damaged south of Greencastle where trees and power lines were downed by the tornado. At Coatsville a funnel was reported and wind blew the roof from one building. Additional touchdowns occurred 4 miles west of Plainfield destroying 2 trailer homes, 4 houses and damaging 7 others. Trees were uprooted, utility poles broken and 3 persons were injured. Major damage occurred with touchdown at Valley Mills (southwest of Indianapolis) about 1:25 p.m. At least 8 homes were destroyed, 12 received major damage, 20, minor, one injury resulted. In south Indianapolis extensive damage resulted to a large department store when the tornado touched down about 1:35 p.m. Ten persons injured; damage estimated at \$100,000.											
Covington	10	12:41p.								Funnel cloud	
Observed by pilot coming from west (Illinois)											

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Indiana (continued)									
Carmel, near (Hamilton County)	10	1:20p.	Short	Narrow	0	0	3	0	Tornado
			Touchdown reported with minor damage.						
Franklin to Rushville (Counties: Johnson, Shelby, Henry, Rush)	10	1:40p - 2:20p.	See remarks		0	1	5	?	Tornado
			At Franklin one woman was injured when thrown several yards by wind. Resident witnessed tornado on ground. Five utility line towers toppled. Another touchdown northeast of Shelbyville was reported. Sheriff reported damage to 15 homes and numerous barns in areas of Farmland, Freeport and Morristown. Several cattle killed. State police reported the tornado also touched down near Knightstown damaging trees in rural area.						
Alert to Waynesburg (Counties: Bartholomew and Decatur)	10	2:20p - 2:30p.	?	?	0	1	5	3	Tornado, lightning
			One person hospitalized when stunned by lightning. Two homes extensively damaged, trees and wires down about 7 1/2 miles east of Columbus when tornado first touched down. Resident at Alert saw storm carrying debris which was left scattered over large area after farm buildings destroyed. Near Waynesburg (Decatur County) a tree limb was hurled through wall of a house. Barn and other farm buildings destroyed. Possibly same tornado observed on Cincinnati road at 2:55 p.m. south of Richmond.						
Evansville area	18	About 4:20p.	?	?	0	0	4	0	Wind
			Greatest damage occurred in downtown area. Telephone and power lines broken by falling trees. Two cars and some homes damaged.						
Brown County, SW	18	7:15p. & 8:05p.							Funnel Clouds (2)
Corydon, north	18	7:30p.							Funnel clouds (2)
South Bend, WSW	31	2:53p.	Short	Narrow	0	0	3	0	Wind
			Storage building blown down. Utility lines broken by falling trees, and nearby silo toppled. Initially reported as tornado but on-site inspection by meteorologist gives it wind classification.						
Farmland, near (Randolph County)	31	5:00p.	?	?	0	0	4	0	Wind
			Harvest reported 4 house trailers blown over. Falling trees damaged power lines and one car was demolished.						
Bluffton (Wells County)	31	Evening			1	2	0	0	Lightning
			One person killed by lightning and two others injured as they took shelter under a tree on a golf course.						
Iowa									
Council Bluffs, Pottawattamie Co.	2-3	Night					4		Heavy rain
			Up to 4 inches rainfall. Flooding and mud deposited caused damage. Lightning damage about \$8,000.						
Council Bluffs, Pottawattamie Co.	2-3	Night					2		Hail
			Hail to 3/4 inch diameter.						
Webb, Clay Co.	9	9:40 p					4		Windstorm
NW to SE Iowa	9	10:00 p					4		High winds
			Squall line advanced SE from NW through Central, SC and SE Iowa with winds to 55 mph. causing scattered damage, including downed trees, unroofed buildings, broken windows, power outages and toppled small buildings. Also scattered small hail. Scattered damage losses estimated at \$40,000.						
Corydon, Wayne Co.	21	6:45 p					5		Lightning
			Damages estimated \$150,000.						
N of Atlantic, Cass Co.	31	5:15 p							Funnel aloft
Kansas									
Dickinson County	4	Unknown					4		Lightning
			A lightning-caused fire destroyed a farm home a few miles SW of Abilene.						
Anderson County	5	About 6:35 p.	2	narrow	0	0	3	0	Tornado
			Small tornado, which touched down and raised 3 or 4 times over a short path, was reported 3 mi. west of Harris. Direction of movement was from southeast to northwest.						
Cloud County	6	1:40-3:00 p.							3 funnels aloft
			At least 3 funnels aloft were reported in the area from 5 miles S. of Concordia to Miltonvale.						
Gove County	6	2:00 p.							Funnel aloft
			Funnel aloft reported 10 mi. SW of Collyer.						
Pratt, Reno Counties	6	2:00-2:42 p.							3 funnels aloft
			At least 2 funnels aloft occurred in the Evers-Gullison area about 2:20 p. Another was reported 12 to 14 mi. SW of Abbyville at 2:36 p.; at 2:42 p. it was 3 1/2 mi. SW of Plevna where it dissipated.						
Kansas (continued)									
Cloud, Jewell Counties	6	3:15-4:00 p.							3 funnels aloft
			At least 3 funnels aloft occurred in the Randall, Scottsville, Jewell, Norway area.						
Jefferson County	7	1:00 p.	1/4	20	0	0	0	0	Tornado
			Small tornado, moving SW to NE, touched down in a field just east of Williamstown near the junction of U. S. 40 and U. S. 59.						
East Central portion	7	afternoon			0	0	4	0	Wind
			Strong winds caused scattered damage in Douglas, Osage and Shawnee Counties between 12:00 noon and 1:00 p.						
Decatur County	7-8	Night of 7-8	?	?	0	0	0	4	Hail
			Wheat over an area 2 miles square was damaged by heavy small hail.						
Montgomery County	8	1:10 a.			0	2	4	0	Wind
			Strong winds overturned a mobile home near Independence, injuring 2 occupants.						
Lane, Scott Counties	12-13	Night of 12-13	?	?	0	0	3	4	Hail
			Crops in an area 10 mi. by 5 mi. extending from near Manning into Lane County suffered damage from hail 1/2 to 3/4" in diameter. Some crop loss also was reported in the Dighton-Almota area.						
Clark, Meade Counties	12-13	Night of 12-13	?	?	0	0	3	4	Hail
			Hail up to 1 1/2" diameter damaged wheat in southeastern Meade County and southwestern Clark County.						
Marion County	13	12:30 a.					4	0	Lightning
			Combination garage and machine shop was destroyed by a lightning-caused fire.						
Harper County	13	4:20 p.	short	?	0	0	0	0	Tornado
			Tornado, moving ENE, touched down briefly in open country about 12 mi. SE of Anthony.						
Harper, Sumner Counties	13	4:20 p.	17	*3	0	0	4	5	Hail
			Hail up to 2 inches diameter fell in the area from 11 mi. S. of Anthony to 4 mi. NE of Bluff City. Scattered hail also was reported in southwestern Sumner County.						
South Central portion	16	6:00-8:00 p.							3 funnels aloft
			A funnel aloft occurred just east of Galva at 6:00 p. Two funnels aloft in extreme southeastern Kingman County about 6:45 p. pulled back into the clouds but were again visible 3 mi. E. of Viola at 7:19 p. One of these apparently moved to 1 1/2 mi. W. of Peck at 7:38 p. and to just SE of Peck at 7:48 p.						
Graham, Trego Counties	20	9:30-11:00 a.	27	*2-1	0	0	4	5	Hail
			Heavy hail up to 1 in. diameter destroyed 4,000 acres of wheat and damaged 2200 other acres in northern Trego County and southern Graham County from southwest of Hill City to near Damar.						
Graham County	20	1:00-2:00 p.	10	300	0	0	0	4	Hail
			Damage was 50 per cent to 2,000 acres of wheat NE of Hill City for 10 miles.						
Mitchell, Lincoln Counties	21	5:00-6:00 a.	15	*4	0	0	5	6	Hail
			Hail up to 1 1/2 in. diameter severely damaged crops and buildings in the Hunter area.						
Wyandotte, Johnson Counties	21	6:30 p.	?	?	0	0	4	0	Hail
			Hail up to 1 1/2 in. diameter occurred in local areas.						
South central, southeast portions	21	evening			0	0	6	5	Hail, rain, 7 funnels aloft
			Widespread, damaging hail occurred over much of Kingman, Reno, Harvey, Sedgwick and Butler Counties. Largest stones were about 3 in. diameter. Heaviest property damage was \$2.8 million at Hutchinson, \$1.5 million at El Dorado, and \$500,000 at Derby. Heavy rains caused some flash flooding in the Newton, Augusta, and El Dorado areas. Funnels aloft occurred as follows: 2 funnels aloft 2 mi. NW of Penalosa at 4:30 p.; 3 mi. south of Pretty Prairie at 4:45 p., moving to 7 mi. ENE of Kingman at 5:15 p.; just south of Hesston at 5:40 p., moving to 1 mi. SSW of Newton at 6:05 p.; 2 mi. south of Cheney at 5:47 p., moving to 3 mi. SW of Haysville at 6:25 p.; near Wichita at 6:10 p.; and near Whitewater at 6:35 p.						
Southwest portion	24	afternoon, evening			0	0	4	5	Hail, wind, rain
			Damaging hail fell in parts of Edwards, Ford, Gray, Kiowa, and Meade Counties. Largest stones were 3/4 - 1 inch diameter.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Kansas (continued)									
Wichita County	28	5:34 p.	?	?	0	0	0	0	Tornado
									Tornado, moving northeast, occurred about 3 mi. SW of Marienthal.
Logan County	28	6:05-6:15 p.	3/4	33	0	0	0	0	Tornado
									Tornado, moving northeast, touched down in open country about 3/4 mile NW of Winona.
Elk County	31	9:45 a.			0	1	0	0	Lightning
									A boy was injured at Moline.
Southwest, south central portions	31	afternoon night			0	0	5	5	Hail, wind, funnel aloft
									Hail, accompanied by strong winds, caused damage to crops and property in portions of Stanton, Stevens, Morton, Comanche, Harper, Sumner, and Sedgwick Counties. Largest hail was near 2 1/2 inches diameter in the Wichita area 7:45-8:45 p., causing heavy property damage. A funnel aloft occurred near Protection at 7:40 p. Winds also caused damage over the NE one-third of Kingman County.
Leavenworth County	31	5:00-7:30 p.	?	?	0	0	5	5	Hail
									Hail was reported from Leavenworth to 7 mi. SW of Leavenworth. Largest stones were 1-3/4 inches diameter about 6 mi. SW of Leavenworth at 7:25 p.
Sumner County	31	8:30-8:35 p.	1 to 2	200-300	0	0	5	4	Tornado
									Tornado, moving northeast, was reported just SE of Argonia.
									SPECIAL HAIL SUMMARY
									Hail loss clearing house reports indicate hail was especially severe in the following counties on the dates indicated.
	7								Cowley, Harper, Kingman
	12								Lane, Scott
	13								Barber, Harper, Sumner
	20								Graham, Marion, Rooks
	21								Butler, Dickinson, Harvey, Kingman, Lincoln, McPherson, Marion, Mitchell, Osborne, Ottawa, Reno, Rice, Russell, Sedgwick, Trego
	24								Ford, Gray, Meade
	31								Harper, Morton, Reno, Stevens, Sumner
Kentucky									
Hart County	8	6:15 p.	8	100	0	1	4	0	Tornado
									A tornado injured one person and destroyed property about 3 miles northeast of Horse Cave. It was reported that several houses and 5 barns were demolished, that several trees were downed. The storm struck in the Uno to Hardyville area at 6:15 C.S.T., crossing Highway 541 two miles west of Highway 31E. More than one funnel cloud was reported to have reached the ground, moving from southwest toward the northeast. A roaring sound, "roar like heavy equipment", was heard. Radar indicated thunderstorms in the area at the time, with tops to 30,000 feet. Several hours earlier high winds had uprooted a dozen very large trees in Mammoth Cave National Park, about 10 miles west.
Nelson County	8	6:00 p.	short narrow		0	0	4	0	Tornado
									Two barns were destroyed in the Fairfield area. The storm collapsed one barn, moved to an adjoining farm where it lifted a barn and dropped it into a pond, left a wagon which had been inside, straddling it. A truck on another farm a quarter-mile away was overturned.
State	10				0	8	5	0	Wind and hail
									There were high winds in many sections of the State, most reports coming from more than 20 counties in the western two-thirds. In the afternoon there was a number of injuries in Western Kentucky. In Princeton, Caldwell County, four children were injured when high wind blew a tree onto them. Just west of Henderson, Henderson County, four members of a family were injured at 2:50 p.m. when a car was blown across U.S. 50. The driver was thrown from the car and pinned beneath it while the other members of the family received lesser injuries. There were reports of winds 50 to 60 miles per hour from at least several locations. There was a variety of damage - to trees, houses, barns, cars, antennas, utility lines. There was some crop damage due to hail in a few locations.
Bullitt County	10	3:00 p.	4	100	0	14	5	7	Tornado
									The storm touched down 1 1/2 miles south of Shepherdsville, and about 26 miles south of Louisville at 4 p.m. E.D.T. 14 persons were injured. Eight homes were destroyed, 29 homes damaged, and additional damage was incurred by trailers, barns, fences, etc. Total damage was estimated as \$500,000, \$100,000 of this being insured damage. The storm moved from west to east, for a distance of 4 miles, path varying in width from 100 to 300 yards, the path being well defined at its boundaries. There were signs of windows exploding outward, of cross-path wind component displayed by felled trees. The tornado appeared to have touched down for total destruction at 3 points along the 4-mile path, remaining just above the surface to damage tree trunks elsewhere. "One victim of the storm said the picture window in his home looked as if it were breathing in and out, the way it was moving." "Houses peeled off
Kentucky (continued)									
									their bricks like shucked corn cobs stood in mute testimony to the power of the tornado." "Sticking in an outside wall of one of the homes destroyed was a piece of metal, and hanging on it was a hand saw. The owner said it must have been the result of the tornado, since he did not own a saw." An automobile, before the storm, was on one side of a building. After the storm it was on the other side of the building, the car heavily damaged and the building almost leveled. Exact times are not available to confirm additional path of the storm. However indications are that the storm continuing to move from west to east (radar earlier indicated speed of storms in the area at 45 m.p.h.) touched down again about 10 miles farther east between High Groves and Fairfield, in Nelson County (3:30 p.m.), uprooting a 100-year-old silver poplar, threading between a cabin and a residence, then downing a barn on a nearby farm where it "took every limb off a sapling tree and left the nub." Later on another farm it was reported to have flattened a barn, circled around a house to take down some trees. About 10 miles farther east on the same date, 5 miles east of Bloomfield, a storm downed a barn and more trees. If this was the same storm, the storm moved about 25 miles at a speed of about 45 mph.
Gallatin County	10	3:25 p.							Funnel cloud aloft
									Pilot reported funnel cloud vicinity of Markland Dam, near Warsaw, Kentucky. Covington radar reported an echo indicating a heavy thunderstorm at approximately the same location at 3:20 p.m.
Union County	13	5:35 p.			0	2	4	?	Wind and hail
									In the residential area of Uniontown a mobile home was moved more than 75 feet; the occupants were examined at a hospital and released. A frame residence next door to the mobile home received heavy roof damage and some panels were ripped from the front section of the home. An old barn was demolished. Heavy hail fell on the residential and downtown areas for less than 5 minutes. High winds damaged trees and utility lines.
Clinton County	19	3:30 p.			0	5	0	0	Lightning
									5 persons were injured while seeking shelter from rain in a small shed. Lightning struck a poplar tree about 10 feet from the shed, rendering all 5 persons unconscious. 4 persons were hospitalized for burns and shock.
Louisiana									
Vernon and Beauregard Parishes	5	1:00-2:00 p.m.			0	0	4	0	Winds, rain, funnel cloud.
									Squall line moved through area, uprooted trees, downed power lines and dropped 1 to 2 inches of rain within an hour. Winds were estimated at 75 m.p.h. at Leesville. Storm struck northern section of Delidder about 1:05 p.m., damaged several houses; destroyed two barns. Funnel sighted from hospital at Leesville about 1:30 p.m., apparently did not touch down. Heaviest damage in Pickering and Cooper area. Cooper Church heavily damaged by falling trees.
Rapides and Grant Parishes	5	2:00-3:00 p.m.			0	1	4	?	Wind, rain.
									Squall line continued eastward into Rapides and Grant, with winds measured up to 83 m.p.h. at Esler Field, and 54 knots at England AFB. Damage to buildings in Boyce, Cottle, Kingsville and St. Clair area. Two house trailers overturned at Esler Field. Number of trees blown down. Utility lines broken in several areas.
Rapides Parish	7	9:45-11:00 a.m.			0	3	6	?	Winds, rain.
									Heavy thunderstorm struck Alexandria, Pineville, England AFB area. Damage widespread. Power lines downed by falling trees with 75 percent of area services out. Some 2000 telephones out of service. Numerous houses damaged by falling trees. Several house trailers overturned. Damage extensive in downtown Alexandria. Plate glass windows shattered in numerous stores. Windows broken on all 7 floors of Rapides Parish Courthouse, allowing rain damage to interior. Sheriff's radio tower and a section of commercial radio tower toppled. Heavy rains flooded streets and underpasses. Roof caved in at Lakeside Elementary School. City maintenance barn in Pineville heavily damaged. Wind estimated at 75 m.p.h. in downtown Alexandria.
Evangeline Parish	7	12:30 p.m.			0	0	4	0	Lightning.
									Fire caused by lightning destroyed home and all contents at Chaignier.
South-Central Division	7	Afternoon-Evening			0	0	4	0	Wind, rain.
									High winds and heavy rains struck from Eunice around noon southeastward to Morgan City by 7 p.m. Streets flooded at Eunice, New Iberia and Morgan City. Widespread brief interruptions to electrical service.
West End Lake Pontchartrain	18	5:10 p.m.							Funnel Cloud Aloft
									Pilot report funnel cloud 15 miles northwest of Moisant International Airport, Kenner.
Terrebonne	24	5:45 p.m.					0	?	Wind, hail.
									Heavy thunderstorm brought winds estimated at 60-70 m.p.h. and 3/4 inch diameter hail to Houma area. Storm lasted about 30 minutes and moved east-southeast.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

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	
Louisiana (continued)									
Ouachita	25	7:45 p.m.			0	7	4	0	Wind, rain
					Seven persons treated for injuries received when revival tent, with 600 persons inside, collapsed under strong winds just south of Monroe. The thunderstorm also caused widespread minor damage to electrical facilities in Monroe.				
Caddo	26	4:00 p.m.			0	0	0	4	Hail, rain
					250 acres of young cotton damaged or destroyed in the Gilliam-Belcher area by 10-minute, marble-size hailstorm.				
Acadia Parish	26	6:05 p.m.			0	0	0	0	Tornado
					Small tornado, moving south-southeast, touched down several times in open country 2 miles east of Evangeline. No damage reported.				
Maine					None reported				
Maryland									
Libertytown (Frederick County)	9	2:00 p.			0	0	4	0	Wind
					Strong violent winds uprooted three large trees and tore out the top of two others. Damage, including damage to residence and shrubbery, was estimated at \$10,000.				
Massachusetts									
Western, central and southeastern	29	5-7 P.M.			0	9	6	4	Wind, hail, lightning, rain
					Severe thundersqualls hit especially hard in the Connecticut Valley and were damaging eastward to beyond Worcester and southeastward to the Attleboro area. Wind gusts measured up to 100 mph, leaving some areas a tangle of felled trees and wires. Thousands of utility customers affected. Greenfield very hard hit. Schools cancelled next day many towns. Two injuries from collapsing buildings, one a barn in Dudley and one a new building in Springfield. Two injured by lightning, in Holden and Norton. Other injuries by falling trees and limbs. One possible storm-related death in Greenfield as elderly woman died from heart failure after running for shelter. Many acres of tobacco shade cloth and newly set plants destroyed by wind and hail. Some hail damage also to orchards. Hail diameters ranged up to 1 1/2 inches. Locally heavy rains caused some local flooding and road wash-outs. Numerous buildings struck by lightning, with damages ranging from slight to complete loss by resultant fires. Two Mansfield firemen overcome by smoke fighting lightning-set fire. Radar hook echoes reported by airplane pilot and by Worcester Weather Bureau. Some evidence of tornadic action at Southbridge, though no funnel was reported.				
Gilbertville	29	6:00 P.M.	1	4	0	0	3	0	Tornado
					Very narrow funnel with visible portion apparently not continuous with main clouds. All tree branches and bushes cut down in its path, with many branches driven into ground. Funnel picked up cone of water before disappearing over the Ware River. Damaging wind preceding funnel broke windows and tore shingles from buildings. Pressure drop of 1.3 inches noted in nearby barometer.				
Michigan									
Southwestern Lower	31	4-5 pm			0	0	4	0	Thunderstorms
					Scattered thunderstorms and gusty winds caused spotty damage. At Kalamazoo, five small aircraft were overturned and damaged; 14 miles west of Grand Rapids a shed was unroofed; 13 miles ENE of Muskegon a trailer was tipped over, power lines downed, and many trees were toppled. Reports of funnel clouds aloft were received from these areas but no confirmation of touchdowns could be made.				
Minnesota									
Tracy 1 1/2 NW, Lyon County	8	Forenoon			0	0	4	0	Lightning
					Lightning struck and burned a large barn with 1500 bales of hay and straw.				
Bagley 1 1/2 N, Clearwater County	14	8:30pm			0	0	3	0	Wind
					Thunderstorm cell with strong winds destroyed barn and a machine shed and injured several sheep.				
Badoura Hubbard County	14	Night			0	0	4	0	Lightning
					Lightning struck Badoura 115KV sub-station of Minnesota Power and Light Company causing \$30,000 damage. Some power outages occurred.				
Warren Area, Polk and Marshall Counties	14	Evening			0	0	4	0	Lightning Strikes
					Lightning struck rural home at 6:50pm 10 miles ESE of Warren starting a fire that caused extensive damage, one woman suffered minor injury. Lightning struck home in east Warren at 6:30pm burned out appliances.				
Minnesota (continued)									
Pine City 4S, Pine County	15	4:30pm			0	0	4	0	Wind
					Thunderstorm cell with strong winds caused extensive damage to two 60 ft. mobile homes; one mobile home rolled over into the other. A small shed was also destroyed.				
Bigstone, Pope, Stevens and Swift Counties	15-16	Late after-noon & nite			0	0	5	6	Heavy Rains, Wind, Hail & Lightning
					Heavy rains of 4 inches or more, wind, hail and/or lightning caused damage to property and crops generally on a line 12 miles wide from central Big Stone County to Stearns County. Rainfalls unofficially of more than 8 inches were measured in southwestern Stevens County. Most of the rainfall occurred in a 3 hour period from 3:30pm to 6:30pm CST on the 15th. Heaviest losses were from washing out and/or leaching out of newly seeded crops, fertilizer and herbicide. Flooded basements were common, many culverts, rural roads and one bridge were washed out. Lightning struck and burned a barn 8 miles south of Benson. Strong winds broke off many large tree branches in Holloway area. Report from 4 miles east-northeast of Holloway stated it hailed 6 different times, the heaviest hail was reported northeast of Benson. The Pomme de Terre and Chippewa Rivers flooded. See Special Summary Minnesota Climatological Data, May, 1969.				
Gibbon Area-Sibley, Renville & Nicollet Counties	26	4:00 to 5:00pm			0	0	4	5	Heavy Rains, Hail
					Large isolated thunderstorm area about 10 mile radius with heavy rains and "tennis ball" size hail caused crop and basement damage from flooding and broke a number of windows. Isolated areas reported 2 1/2 to 5 inches of rain.				
Owatonna, Steel Counties	28	5:40pm			0	0	0	0	Hail, Wind
					Thunderstorms with winds occurred throughout southern Minnesota causing some tree damage, pea size hail was reported at Owatonna.				
Dodge Center, Dodge County	31	3:45pm			0	0	0	0	Tornado
					Small tornado touched down briefly in a field, no damage.				
MINNESOTA FUNNEL CLOUDS REPORTED DURING MAY									
Clearwater County	14	8:30pm							Bagley 1 1/2 N
Millie Lacs County	21	6:10pm							Forreston
Stearns County	21	7:10pm							St. Joseph Area (2 funnels)
Sherburne County	21	7:10pm							St. Cloud LSE (2 funnels)
Fillmore County	31	6:00pm							Near Rushford
Mississippi									
Anite County	8	2:00 p.			0	0	?	0	Tornado
					Radar at 1:45 p.m. C.S.T. indicated thunderstorm movement toward NE 40 m.p.h.; at 2:00 p.m. indicated movement generally to NE about 30-40 m.p.h. Highway Patrol reported small tornado touchdown SE of Foster (Lat. 31.2° N, Long. 91.1° W). Trees and power lines downed, trees fell across a house trailer, there was minor damage. No injuries reported.				
Clarke County	8	3:15 p. approx. 10:30 p.			0	0	?	0	Tornado
					Storm moving from about WSW toward ENE. During a very hard rain, the wind was very high and for a few moments we could hear the roar of the wind. After rain subsided . . . we found a path of trees 100 yards wide broken off and steel steps blown about. We saw a barn or two with roof gone. The storm affected a strip of wooded area and oil field equipment. At about 4 miles east of Grafton . . . first signs of broken trees, where Highway 111 turns south, . . . (Lat. 32.1° N, Long. 88.7° W). We drove around the area and as far as we went toward the Alabama line we saw trees broken off and uprooted. No sightings of funnel reported.				
Jones County	8	3:25 p.							Funnel Cloud Aloft
					Sheriff's office reported funnel sighted along Highway 15 about 15SSR Laurel; it was noted that it did not touch down. Radar indicated location 15 SE Laurel 3:25 p.m. moving toward NE 40 m.p.h. No reports of attributable damage received. During the afternoon there was a series of thunderstorms which disrupted power and telephone service in the county area and newspaper noted "according to city officials, temporary flooding of sewers in the downtown Laurel area was the only damage reported."				
Walthall County	8	3:30 p.	1/2	100	0	0	3	2	Tornado
					Storms moved from W toward E with several reported brief touchdowns at Improve community (on Smdy Hook mill route 1) in southeast part of county. First touchdown did little damage; then struck farm near US Garson Springs Church about 3:30 p.m. "The damaging wind lasted about 1/2 minute;" two barns located along the sides of the house were damaged, while the house had only a few shingles blown off. Next touchdown on a hill nearby; another barn, a pecan tree and a rhinberry tree were damaged.				
Pearl River County	8	3:40 p.	2	30	0	0	4	0	Tornado
					Storm moved from NW toward SE. During cloudy weather funnel touched down in Old Sand Hill community SE Lambert. "Had sound similar to a train applying brakes. It picked trailer of 56' x 12' up approximately 40' and threw it into a large oak tree. Trailer disintegrated and debris was scattered along path of tornado for approximately 1 1/2 miles." At about same time, 1/2 mile to E, a tree was blown across carport and home heavily damaged.				
Hancock County	8	4:40 p.							Funnel Cloud Aloft
					A funnel cloud or two was observed near the NASA Mississippi Test Facility. No reports of damage received.				

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

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					KILLED	INJURED	PROPERTY	CROPS	
Mississippi (continued)									
Jackson County	8	5:00 p. 5:05 p.	small area	0	1	?	0		Tornado
Storm moved from WSW toward ENE. On Highway 63, vicinity Wade community, near Highway 613, about 10N Pascagoula, during cloudy and rainy weather a sound of roaring occurred before a strong wind. The sky got light as light green, then the wind began blowing. . . . Broke trees . . . blew power lines down . . . it was real still wind for about a minute before it struck. Civil Defense Director said this tornado touched down uprooted a number of trees and a woman was injured when wind slammed door of her residence cutting her hand and fracturing a finger. Newspaper noted two houses and farm buildings were reported damaged.									
Harrison County	8	5:15 p.		0	0	?	0		Funnel Cloud Aloft, Wind
Civil Defense Director reported in Gulfport-Biloxi area "We had severe winds . . . in several places "probably this was all the same wind and not a tornado." However, he stated "some people said they could hear one overhead but it didn't touch down." There was wind damage in several places; it was generally broken tree limbs, antennae knocked down or minor to slight roof damage.									
Northern Mississippi	10	P.M.		0	0	?	?		Hail
Thunderstorms moved through the area. There were scattered reports of hail, generally light. At 5:45 p.m. C.S.T. radar showed a 15 mile wide line of thunderstorms with heaviest activity between Cleveland and Tutwiler with hail indicated in that area. By 8:00 p.m. radar indicated thunderstorms with moderate to heavy precipitation and isolated hail had moved to a line from 2DE Amory, Mississippi to LOHE Lake Village, Arkansas. COAHOMA COUNTY: At 5:05 p.m. golfball size hail was reported at Clarkdale (Lat. 34.2° N, Long. 90.6° W). There was strong gusty winds but no damage reported. UNION COUNTY: At 5:34 p.m., 1/2 inch to golfball size hail reported by Highway Patrol, 1E New Albany (Lat. 34.5° N, Long. 89.0° W); the noise of its fall could be heard over the radio during the report. By 7:00 p.m. radar showed that this hail producing thunderstorm had weakened and moved SE.									
Harrison County	17	early morning	?	?	0	0	?	0	Waterspout
Pass Christian noted "A small twister, apparently originally a waterspout, damaged slightly several roofs and power lines in and around Gulf Shore Baptist Assembly . . . A Deputy Sheriff indicated "No injuries resulted . . . and property damage was limited to shingles."									
Bolivar County	17	Before 5:00 p.							Funnel Cloud Aloft
Greenwood Flight Service Station reported funnel cloud SW Cleveland (Lat. 33.7° N, Long. 90.8° W). The 5:45 p.m. radar summary indicated the funnel cloud had dissipated. No reports of seeing funnel touch ground and newspaper published "no major damage was reported . . ."									
Sunflower County	17	Before 5:00 p.							Funnel Cloud Aloft
Greenwood Flight Service Station reported funnel cloud SE Shaw (Lat. 33.6° N, Long. 90.7° W). The 5:45 p.m. radar summary indicated the funnel cloud had dissipated. No reports of seeing funnel touch ground and newspaper published "no major damage was reported . . ."									
Holmes County	17	Before 5:00 p.-5:08 p.	Brief	0	0	?	0		Funnel Cloud Aloft, Tornado
During cloudy weather storm moved from Durant toward Valden. Several funnel clouds aloft sighted near Durant; one touched down about 5N Durant on Highway 51 (Lat. 33.2° N, Long. 89.9° W). Some trees uprooted, State Highway signs damaged, and roof reported blown off barn. Funnel cloud, heading NE, sighted 5:00 p.m. 3E Durant (Lat. 33.1° N, Long. 89.9° W). Funnel cloud moving toward N about 12 m.p.h., reported 5:00 p.m. 5W Durant (Lat. 33.1° N, Long. 90.0° W)									
Washington County	17	6:04 p.							Funnel Cloud Aloft
Greenville Delta Aero Club reported funnel cloud sighted NE of Greenville (Lat. 33.4° N, Long. 91.1° W). No damage reports received. No injuries reported.									
Coahoma County	17	6:10 p.	Brief	0	0	?	0		Tornado
Man reported funnel cloud touched down briefly; ripped roofing off his mother's house in Spraginsville community, near Lyons, 5NE Clarksdale (Lat. 34.2° N, Long. 88.8° W). No injuries reported.									
Leflore and Holmes Counties	23	4:20 p.		0	0	0	?		Hail
County Agricultural Agent reported spotted hail damage, apparently minor. LEFLORE COUNTY: Approximately 800-1000 acres of cotton had to be replanted. Damage reported in areas SE of Morgan City, W of Greenwood, and SE of Money. Sheriff's office reported golfball size hail 20SW Greenwood (Lat. 33.3° N, Long. 90.5° W) lasted 5-10 minutes, (before 6:00 p.m., time unknown), crops destroyed. Man at Sidon reported that about 5:00 p.m. hail partly covered ground and there was light damage. Radar at 5:10 p.m. indicated severe thunderstorm 10W Greenwood, 5:45 p.m. report noted heavy thunderstorm with hail 7WN Greenwood. Marble size hail at 6:10 p.m., 15N Greenwood a few trees down in Greenwood (Lat. 33.5° N, Long. 90.2° W), power off in portions of city. At 6:50 p.m. Greenwood Flight Service Station reported pea size hail. HOLMES COUNTY: Approximately 300 acres of cotton had to be replanted in area to SE of Morgan City.									
Leflore County	24	2:00 a.		0	0	4	0		Lightning
Man saw a "blue ball of fire" hit large barn during a heavy "thunder and lightning" storm which moved from south toward north. There was an explosion which sent pieces of the tin roof in all directions 150 feet from barn roof. The barn caught fire and burned down; 22 hogs died, 200 bushels grain destroyed and an undetermined amount of hay.									
Mississippi (continued)									
Kemper County	24	12:40 p.							Funnel Cloud Aloft
Pilot reported funnel cloud 20NE Meridian (Lat. 32.6° N, Long. 88.7° W). No reports of damage received.									
Jones County	24	Afternoon			1	0	0	0	Lightning
When storm threatened area, a 9 year old boy and his grandmother started walking home across an open field in North Laurel; the boy ran ahead and was struck by lightning and killed instantly.									
Jackson County	24	5:45 p.							Funnel Cloud Aloft
Police Department reported that just E of Pascagoula (Lat. 30.4° N, Long. 88.6° W) there was a funnel cloud moving E. No damage reported when (or later).									
Missouri	7	evening				1	3		Thunderstorm
Slater, Saline County	Lightning hit a home, injuring one man.								
Hannibal-St. Charles St. Charles-Marion Counties	10	morning					5		Thunderstorm
Damage to telephone lines, trees, automobiles, roofs of homes, business buildings.									
Centralia, Boone County	13	3:30 P.M.							Funnel Aloft
Carrollton, 4 SW Carroll County	13	12:10 P.M.							Funnel Aloft
Platte Woods, Platte County	21	7:50 P.M.							Funnel Cloud
Readsville, Callaway County	23	5:10 P.M.							Funnels (3) Aloft
O'Fallon, St. Charles County	30	7:35 P.M.							Funnel Aloft
Bureka, St. Louis County	31	3:30 P.M.							Funnel Aloft
Greve Coeur, St. Louis County	31	4:30 P.M.							Funnel Aloft
Montana	None reported								
Nebraska	5	7:30 p			0	0	0	0	Funnel cloud
Belleveus	12	4 p to 6:45 p	110	Narrow	0	0	4	0	Tornado, hail
Elaine Co. to Hall Co.	Severe storm cell moved from western Elaine County to southern Hall County at about 35 MPH. Hail 1 3/4" diameter accumulated to a 4-inch depth along a five-mile strip at Dunning, about 4p. Next sighting was of a funnel cloud near Litchfield about 5 p. Funnel touched down briefly 3 miles south of Ravenna at 6:15 p and again near Alda at 6:45 p destroying barns and sheds at each site.								
Near Grand Island	12	about 7p	?	?	0	0	0	0	Funnel clouds
Several funnel clouds sighted in Grand Island vicinity about the time the severe storm cell in above report was passing about 15 miles to southwest of the city.									
Frontier, Dawson, Custer Counties	13	6 p to 9p	70	15*	0	0	4	4	Hail
Numerous areas of hail, principally along a line from Eustis to Merna, but a few spots east of this line. Stones mostly 1/2" diameter, but ranged up to 1 3/4 inches near Cozad and west of Broken Bow. Jagged clumps to 3 inches diameter 6miles north of Cozad. Damage limited by lack of wind and early stage of crops.									
Buffalo County	13	7p	Spot	Spot	0	0	2	0	Tornado
Destroyed farm buildings northwest of Amherst.									
Dawes County	17	3:55p			0	0	0	0	Funnel cloud
Funnel cloud observed 18 miles north of Crawford.									
Cheyenne County	29	Evening	30	?	0	0	0	4	Hail
A narrow east-west strip across southern part of county. Stones generally small but ranged up to 1 3/4 inches west of Sidney.									
Gage County	31	3:45 p to 4:30 p			0	0	0	0	Tornado and Funnel Clouds
Several funnel clouds were sighted near the Pickrell, Filley, Sterling, Whore areas. Some funnels persisted for 15-20 minutes, but failed to touch ground. One did touch down near Pickrell shortly after 4 p and again near Filley, Touch-down in open areas with no damage.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

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	
Nevada Ely	11	1:05-1:11 P.M.			0	0	0	0	Funnel cloud
		A confirmed funnel cloud 10 miles south, heading north, was sighted by the Weather Bureau Office in Ely. No damage or injury was reported.							
Reno	12	2:15-2:19 P.M.			0	0	0	0	Funnel cloud
		A confirmed funnel cloud, associated with heavy thunderstorms, was sighted by the Reno Weather Bureau Office. Location placed it WSW of the airport, over the mountains. A second funnel cloud was reported by Reno Radar at 2:40 P.M., nine miles SW of Reno. The echo dissipated about five minutes. No injury or property damage was reported.							
New Hampshire Groveton	19-20				0	0	5	0	Rain
		Locally heavy rain, with failure of the Nash Bog Pond Dam on the Upper Ammonoosuc River. Major damage downstream.							
New Jersey					None reported				
New Mexico Roosevelt County	4	12:00 a.m.	Short Narrow				?		Tornado
		Roof and windmill destroyed 6 miles southeast of House.							
Albuquerque	5	Afternoon					4		Hail, heavy rain
		Hail to 3/4-inch diameter in northeast Albuquerque. Runoff from heavy rains caused estimated damage of \$100,000 to streets and water lines.							
Roosevelt County	5	6:00 p.m.	5	880			?	?	Tornado, rain, hail
		Tornado destroyed barn and damaged roofs, trees and fences 3 miles southeast of Portales. Tornado touched down at intervals. Showers to 4 inch totals. Hail to over 1-inch diameter damaged street lights, signs and vehicles, and some crops.							
Curry County	5	7:00 p.m.-9:00 p.m.	Short Narrow				?		Tornado, funnels aloft
		Tornado just east of St. Vrain downed lines and damaged building. Five funnel clouds aloft reported confirmed in a semicircular area south of Clovis, mostly over open areas.							
Los Lunas	6	1:00 p.m.							Funnel aloft
		Long, distinct funnel cloud, 5 miles southwest of Los Lunas, failed to reach ground.							
Curry and Roosevelt Counties	6	1:15 p.m.-3:00 p.m.	Short Narrow				?		Tornado, funnels aloft
		Tornado, 12 miles south of Melrose, damaged some farm buildings and machinery 3 miles north-northwest of Floyd, Roosevelt County. Funnel aloft 20 miles southwest of Melrose in Roosevelt County, 1:15 p.m. Funnel aloft 6 miles southeast of Melrose at 3:00 p.m.							
Quay County	6	Afternoon							Funnels aloft
		Two funnels seen near Quay, 17 miles south of Tucuman.							
Alamogordo	8	10:45 a.m.				1	?		Dust devil
		One injured when dust devil flipped car off highway, west of Alamogordo.							
Clovis	10	5:00 p.m.							Funnel aloft
		Funnel cloud aloft seen southeast of Clovis, moving southeastward.							
Thoreau	11	Day				1			Lightning
		One youth and horse struck by lightning in rodeo arena. The horse was killed instantly, the youth died two days later.							
Clovis	15	5:00 p.m.							Funnel aloft
		Funnel cloud aloft southeast of Clovis.							
Springer	16	11:00 a.m.	Short Narrow						Tornado, funnel aloft
		One tornado and one funnel aloft sighted 3 miles south of Springer. No damage from tornado touching down in open area.							
Clovis	21	4:45 p.m.							Hail
		Hail to 3/4-inch diameter.							
Vaughn	27	Afternoon				1			Lightning
		Man struck and killed by lightning bolt while installing water line on ranch.							
New York Western Half	9	late p.m.				2	4		Wind
		Strong winds following cold frontal passage caused scattered property damage and numerous power failures in the Great Lakes Plain from Buffalo to the Watertown and Utica-Rome areas. Peak gusts of 65 mph. about 5 p.m. measured at Buffalo with lesser velocities reported later in evening at Watertown and Rome. Winds demolished cement wall under construction at suburban Rochester shopping plaza, partially unroofed store at Watertown and ripped fiberglass siding off industrial plant in Rome. Scattered damage to cars, homes, etc. from falling trees and limbs. Motorist injured as tree fell on auto and woman blown to pavement, both in Buffalo area. Scattered wind damage to utility lines and trees reported in Cattaraugus and Chautauque Counties in southwest and also in Nassau County, Long Island.							
New York (continued) Sinalairville, Chautauque County	17	6:10 p.m. to 6:15 p.m.	2	250	0	1	5		Tornado
		Tornado moved west-southwest to east-northeast down main street of village after observed funnel cloud formed over a small hill to west-southwest of town. Witnesses described noise as "flood roar". Dairy farm first struck, barn demolished, killing 10 cattle inside but man also inside barn escaped with minor injuries. Path and damage erratic through village before vortex left ground at north-east edge. Buildings demolished or heavily damaged included 60 homes, 10 business places, 18 barns and small sheds and 2 churches. Several families left homeless. Many buildings near path sustained light or no damage. Utility failures affected 700 customers in area. Horse carried 500 feet by wind but injuries minor. Little or no thunder and lightning, only moderate rain and no hail accompanied storm. Radar echoes ENE of village at 7:01 P.M. showed cloud tops to only 19,000 feet. No storm damage reported from other sections of County.							
Erin and Niagara Counties	17-18						4		Rain, flooding
		Heavy rains averaging 1.5 inches in Buffalo and Niagara Falls caused flooding from several local creeks and brooks. Surface runoff also inundated city streets, parking lot stadiums and low lying areas as well as caused flooding of basements in suburbs of Orchard Park, Evans, East Aurora and Leiston. Pavement or asphalt washed away on some streets.							
Cayuga to Herkimer Counties	19-20	a.m. to a.m.					5	0	Rain, flooding
		Very heavy rains totaling 3.5 to over 4.0 inches in northern Cayuga and Onondaga Counties extended to southwestern Adirondacks where totals ranged from 4.5 to over 6.0 inches. Boonville measured 5.7 inches and Forestport 5.5 inches. City of Syracuse badly flooded by 24-hour downpour of 3.3 inches. Streets, parking lots and low lying areas inundated by 3 to 4 feet of water, causing many marooned motorists to swim to safety in some cases. One bridge in city washed out and furniture store sustained \$100,000 damage from high water. Severe flooding Boonville-Forestport area. Peak discharge of 11,000 CFS on Black River at Boonville on 20th was second highest in 58 years of record - equivalent to a 50-year flood (U.S.G.S. report). Weakening dam put village of Forestport on overnight alert. Flooding occurred one or two days later downstream areas of Black River. Heavy precipitation May 17-20 caused losses and hardship to large acreage of commercial farms in Onondaga and Oneida Counties.							
Eastern Half	29	p.m.					5		Electrical, hail
		Afternoon and evening thunderstorms caused variable and extensive property damage in scattered areas of eastern upstate with Mohawk and upper Hudson Valleys hardest hit. Dairy barn, adjacent sheds and contents burned by lightning-caused fire at Ballston Spa, Saratoga County and Hilford Center, Otsego County, the latter loss including 4 calves. Four small farm sheds also destroyed by fire at Melrose, Bennington County. Small storage shed for fireworks destroyed in spectacular fire at Malone, in St. Lawrence Valley. Widespread power failures, downed trees and limbs in and around Glens Falls, Troy, Albany, Utica and Herkimer. Slate roof of church in Schenectady damaged by lightning bolt. Hail stones of golfball size fell in a section of Vestal, Broome County, breaking windows and denting cars. Heaviest rains totaled 2.0 to 2.5 inches in local areas of Schoharie County.							
North Carolina Alleghany, Lenoir Counties	14	5:00pm			0	3	3	4	Wind, Hail
		Hail damaged fruit and vegetable crops in Alleghany County. Mobile home blown over and demolished in Kinston; three occupants received cuts and bruises.							
Duplin, Greene, Jones, Lenoir, Onslow and Pender Counties	19-20						4	5	Rain
		Very heavy rain totaling 5 to 12 inches fell on portions of several southeastern counties. Some damage to roads, bridges and dams. Considerable soil erosion. Tobacco and vegetable crops hurt.							
Alamance, Chatham, Durham, Lenoir, Vance, Wilson, Yancey Counties	24	Aftn & evening			2	3	4	3	Electrical, Hail
		Farmer near Siler City and golfer in Durham killed by lightning. Two men injured with farmer and one with golfer, none critically. Homes damaged by fire attributed to lightning near Burlington and Kinston. Scattered minor crop damage by hail, mostly to tobacco in Vance, Wilson and Yancey Counties.							
Craven, Orange, Sampson, Wake and Wayne Counties	25	Aftn & evening					3	4	Hail, Electrical
		Hail damaged tobacco and other crops in Orange, Sampson, Craven and Wake Counties; lightning burned outbuilding in Wayne.							
Henderson, Wilkes and Yadkin Counties	30	Early afternoon					4	5	Hail, Electrical
		Hail caused heavy damage to fruit in Henderson County and light damage to crops in a small area of Yadkin. Home burned by lightning in Wilkes County.							

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
North Carolina (continued)									
Coastal Plain and Piedmont	31	3-6 pm					4	5	Hail, Electrical, Wind
									Hail damaged crops in many areas, mostly tobacco and fruit. Lightning set several fires in Nash County and damaged a church in Rowan. Wind damaged homes and outbuildings in Martin and Pitt Counties.
North Dakota									
SN Lakota, Nelson County	14	4:18 p							Funnel clouds
Emmons, Logan and McIntosh Counties	30	8:30 p			0	0	4	0	Funnel cloud, severe wind
									Heavy rolling mass of clouds moved southeastward through Napoleon-Wishek area. 2 funnel clouds sighted west of Napoleon. Wind velocities in Napoleon thought to exceed any previous storm but velocity estimate unavailable. Most damage Napoleon area where farm and city buildings damaged or destroyed and streets littered with branches. Church 10 miles southwest of Napoleon moved 15 feet off foundation.
Ohio									
Kettering Area, Montgomery and Greene Counties	8	5:00p	3	440	0	28	6		Tornado and rain
									A tornado moving toward the east northeast at a speed of 30 to 35 mph hit and skipped over a 3-mile residential area just south of Dayton. Some minor wind damage continued for another 15 miles to the town of Cedarville but it was not confirmed that the funnel touched down in this area. The Red Cross reported 13 homes were totally demolished, 63 sustained major damage and 101 homes received minor damage from the storm. Several trees and utility lines were downed. There were no deaths from this storm but 28 were injured. Damage estimates were set at 3 million dollars.
Statewide	8	Evening			1	0	6		Wind, electrical, rain and hail
									High winds and thunderstorms swept through most of the State. In Monroe County damaging winds tore the roofs from several buildings, broke windows and leveled a garage and granary. Severe winds uprooted a tree in Alexandria, Licking County, and killed a 20 year old man who had taken shelter from the storm. Damage was set at \$100,000 in a lightning set fire to the wiring system of the 30-story building under construction in Toledo. Many northeast and central Ohio areas reported local flooding from local rains totaling more than 2.5 inches. Several farm buildings were destroyed by winds in the Antrim and Londonderry areas in Guernsey County. One-half inch hail fell on Hebron, Ohio. Reports of downed trees and utility lines and flooded streets and basements were common especially in the eastern two thirds of the state. Wind damage was also reported in Jefferson County near Steubenville.
Tappan Lake Area, Harrison County	8	7:35p	2	300	1	21	5		Tornado and rain
									This tornado first touched ground on the west-southwest side of Tappan Lake where it took the tops off 20 trees. The storm then moved across the lake striking several cottages and homes. Damages to these homes varied from minor to complete destruction of several A frame cottages. The tornado then destroyed several mobile homes before demolishing 3 brick and frame homes. One person was killed and 21 were injured. Hard rain preceded the tornado.
Lewisville, Monroe County	8	8:30p	1	100	0	0	5		Tornado and rain
									A small tornado uprooted trees and severely damaged at least 6 homes but the storm caused no physical injuries. Pieces of roofs in tree tops and curtains blowing through broken windows were common following the storm. Many homes had windows blown out. Evidence of twisting was noted among trees. The storm moved east-northeast. Other wind damage was also reported in Monroe County.
Cincinnati Area, Hamilton County	9	Afternoon					4		Wind and rain
									High winds and rain caused about \$10,000 damage to a church on Plainfield Road. Damage to roof was set at \$5,000. and \$5,000. to the interior.
Butler, Warren, Clinton, and Greene Counties	10	3:10p	35	400	0	26	6		Tornado, rain, and hail
									This tornado first touched down briefly at Okeana about 3:10 PM EST and again in southern Hamilton 15 minutes later. It then passed over the Hamilton Airport aloft, dipped to the ground again about 3 miles east of the airport and cut a path 10 miles long and 100 to 400 yards wide northward, passing through the hamlet of
Ohio (continued)									
Maustown and the village of Monroe.									The funnel then lifted and dipped to the ground occasionally as it passed 2 miles south of Waynesville, crossed the northwestern corner of Clinton County, and dissipated in southeastern Greene County. The storm moved with an average forward speed of 45 mph. Numerous people sighted the funnel cloud along the storm's path. Damage in Butler County has been set at about 1 million dollars and less than \$100,000. in Warren County. Only minor damage was reported in Clinton and Greene Counties. Golf ball size hail was reported in Hamilton. A Dayton woman was injured when a tree fell on her car west of Jefferson. The tree is believed to have been blown down by straightline winds after the funnel cloud dissipated.
Grand Township, Marion County	10	4:15p	2	150	0	0	4		Tornado, rain
									Two people driving in the Kildeer Plains Wildlife area spotted a funnel cloud just before the storm blew a mobile home into a utility pole cutting the trailer in two. The storm also wrought minor damage on at least 4 farms.
Prospect Area, Marion County	10	4:30p	1	20-300	0	0	3		Tornado, rain, and hail
									A tornado touched ground 3.5 miles east of Prospect on County Road 121. Two farm buildings were completely demolished and two sustained damage. Trees in the area showed evidence of a twisting motion. Sheet metal roofing from a barn was found more than 1 mile northeast of the farm buildings but the main path of the storm moved to the east.
Freeburg Area, Stark County	10	6:55p	Short	Narrow	0	0	4		Tornado and rain
									A tornado touched ground briefly on a farm one half mile north of Freeburg. The farm family noticed that the rain was beating against the east windows then on all sides at once. There was a brief roar followed by a sharp crack and then dead silence. The family immediately looked out the window and saw that the barn which is 200 feet north of the house was demolished. A neighbor witnessed the cloud as it moved toward the barn. The debris and trees which were hit just before the barn all showed signs of cyclonic circulation. The storm which was tracked by radar moved east-northeast.
Scattered Areas	10	Late Afternoon evening			1	1	3		Electrical, wind, and hail
									An 18-year-old youth was electrocuted when he accidentally came into contact with a downed power line after an electrical and wind storm near Portsmouth. One person was injured and 14 homes and 2 businesses were damaged at Old Fort when a tree exploded after being hit by lightning. Seventy windows in homes up to a block away were broken in the freak mishap. High winds downed a barn near West Union. Wind gusts of 64 mph were reported in Muskingum County. Winds caused moderate damage to a Delaware County home. Inch hail fell at Granville and half inch hail was reported 10 miles northwest of Columbus. Wind gusts to 50 mph were recorded at Wright Patterson AFB.
Cleveland Area, Cuyahoga County	11	9:00-11:30a							Waterspouts
									Several waterspouts were reported over Lake Erie north of the city.
Lytle Area, Warren County	11	11:50a			0	0	5		Electrical
									Lightning set fire to a building which was used to manufacture pre-fabricated roofs. The building which was stacked with wood was entirely ablaze when firemen arrived. Damage was set at \$100,000.
Cleveland Area, Cuyahoga County	12	9:00a							Waterspouts
									Two waterspouts were reported over Lake Erie northwest of the city.
Hamlet Area, Clermont County	18	5:30p			0	0	4		Wind and rain
									One mobile home was destroyed and a second badly damaged as a windstorm hit near Hamlet. Two other mobile homes were slightly damaged. Total loss was set at \$25,000.
Toledo Area, Wood County	18	6:40p	Short	15	0	0	3		Tornado
									A small tornado less than 30 feet wide skipped up and down as it moved eastward near Matthews Road in Lake Township. Damage included a garage which was carried 500 to 600 feet, a car port and downspouts which were stripped from a house.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

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	
Ohio (continued) Areas Northwest of Youngstown-Cincinnati Line	17-19	Evening to evening					*6	C	Rain and flooding
									Most areas northwest of a Youngstown-Cincinnati line received 1 to 5 inches of rain in less than 48 hours. Some point rainfalls include 5.66 at Newport (Madison County); 5.62 Breckville (Cuyahoga County); 4.98 Charles Mill Dam; 4.60 Catawba Island; 4.59 Geneva; 4.08 Chardon; 4.07 Findlay; 4.00 Versailles. Nearly all points within the area bounded by Ashtabula, London, Bellefontaine, Hoytville, Oak Harbor, and the Lake Erie shoreline between Oak Harbor and Ashtabula received more than 3 inches of rain. Many streams reached their third highest levels since the 1913 flood and highest since January 1959. Scores of roads were closed because of high water. About 80 families in northeast Ohio were evacuated from their homes when the Chagrin and Grand Rivers went over flood stage. Twelve families were evacuated from homes near the Big Walnut Creek in Columbus. Many farmers were forced to replant crops which were inundated or washed away by the rains.
Upper Sandusky Area Wyandot County	29	11:30p			0	0	4		Electrical
									A lightning set fire destroyed a barn and most of its contents on a farm 7 miles west-southwest of Upper Sandusky. Damage was set at \$30,000.
Oklahoma 168 Sweetwater, Beckham County	2	8:52p.	Short	Narrow	0	0	0	0	Tornado
									Tornado touched ground briefly two times.
Near Verden, Grady County	3	About 2:00p.	Short	Narrow	0	0	0	0	Tornado
									Tornado touched ground briefly before receding into clouds.
NE Hardin, Kay County	3	Afternoon			0	1	0	0	Lightning
									Man, standing in barn door, injured when struck by lightning.
Greer, Washita, and Kiowa Counties	3-4	Morning-Evening			0	1	5	5	Heavy rain and flash flooding
									Thunderstorms dumped torrential rains on eastern Greer County, southern Washita County, and much of Kiowa County, resulting in heavy property and crop damage. Over thirty homes and two churches were flooded in Hobart where property damage was estimated at over \$100,000. Crop damage in the three-county area was estimated at \$325,000. One lady received minor injuries at Hobart when her car was washed off the road and she was pinned to a tree by barbed wire. Official two-day rainfall was 6.50 inches at Hobart with an unofficial 12 inches reported.
Oklahoma City, Oklahoma County	4	Afternoon-Evening			0	0	4	0	Flash flooding
									Several homes and streets were damaged and numerous motorists stranded as a result of flash flooding.
NE Marlow, Stephens County	6	2:30p.			1	0	0	0	Lightning
									Lady was struck and killed by lightning while standing at the kitchen sink in her home during a thunderstorm.
Near Ringling, Jefferson County	6	5:15p.	?	?	0	0	0	0	Tornado
									Tornado touched down three times in open field before receding into clouds.
Oklahoma City, Oklahoma County	6	Late afternoon-night			0	0	?	0	Flash flooding
									Streets were flooded and traffic halted in many sections of the city as a result of heavy rains which pelted the city during the late afternoon and night.
Maud area, Seminole County	6	7:00p.			0	1	3	0	Wind, funnel aloft
									Strong winds associated with a funnel cloud aloft removed the roof from two buildings in Maud and blew a car off the highway east of Maud. Driver of car was injured.
208 Ardmore, Carter County	7	1:30p.							Funnel aloft
Near Davidson, Tillman County	7	5:00p.	?	*3	0	0	0	4	Hail
									Hailstones 1/2 inch in diameter caused \$50,000 crop damage in an area extending from Davidson northeastward.
Texoma area, Texas County	7	5:30p.	?	?	0	0	0	?	Hail and 2 funnels aloft
									Hailstones up to 1 3/4 inches in diameter covered the ground causing extensive crop damage. Two funnel clouds were sighted but did not touch the ground.
Dover area, Kingfisher County	7	Evening	15	*2-4	0	0	3	4	Hail and wind
									Hail and wind storm caused \$50,000 damage to wheat crops south and east of Dover. Only minor property damage was reported.
Oklahoma (continued) Washita County	7	10:00p.	6	*3	0	0	4	4	Hail
									Hailstones up to 1 inch in diameter caused an estimated \$20,000 property damage and \$40,000 crop damage. The area extended from about 5 miles east of Cordell northeastward to Corn.
Waurika, Jefferson County	7	Night			0	0	?	0	Flooding
									Twenty families were forced from their homes in northwest Waurika due to flooding of Beaver and Cow Creeks. Families returned to their homes morning of the 8th.
SE Clinton, Custer County	11	2:50p.			0	0	0	0	Hail
									Hailstones 1 3/4 inches in diameter fell but no damage was reported.
Arapaho and Custer areas, Custer County	11	7:00p.	20	*1/2	0	0	0	5	C
									Hailstones up to 1 3/4 inches in diameter struck the Arapaho and Custer areas during the evening causing considerable crop and property damage.
Dewey County	11	Evening	25	*2	0	0	3	5	Hail, wind, and rain
									Hailstones up to 5 inches in diameter fell in the area from near Vic southeastward to Putnam. Considerable crop damage was reported.
Waynoka, Woods County	13	3:35p.	?	?	0	0	?	0	Hail and heavy rain
									Heavy rain and hailstones up to 2 inches in diameter caused damage to roofs and autos. Most of the hailstones were small. There was considerable street flooding.
Near Pond Creek, Grant County	13	6:27p.							Funnel aloft
Vicinity Arnett, Ellis County	13	Evening	?	?	0	0	5	4	Hail
									Hailstones up to 2 1/2 inches in diameter caused considerable property and crop damage.
Altus, Jackson County	13	Evening			0	0	0	0	Hail
									Hailstones up to 1 3/4 inches in diameter fell in scattered areas of Altus. No damage was reported.
Mangum area, Greer County	13	9:00p.	10	Narrow	0	0	0	0	Tornado
									Tornado touched ground briefly 11 miles west of Mangum and was sighted aloft a short time later about 6 miles northwest of Mangum. No damage was reported.
Martha, Jackson County	14	1:00a.			0	0	?	0	Lightning
									Martha Mercantile Company, Martha's first store, was struck by lightning and destroyed. The store, built in 1892, was still in use. There was no estimate of damage.
NE Foss, Washita County	15	12:15p.							Funnel aloft
Tulsa, Tulsa County	15	Evening			0	0	4	0	Wind and rain
									Strong winds ripped the roof off of four classrooms of a school allowing the rooms to receive water damage. Damage was estimated at \$10,000.
NW Erick, Beckham County	15	Near Midnight	Short	Narrow	0	0	0	0	Tornado
									Tornado touched down briefly two times. No damage was reported.
Near Hugo, Choctaw County	24	2:30p.			0	0	4	0	Lightning
									Lightning struck home south of Hugo with resulting fire destroying the frame residence and its contents.
Shattuck and Fargo areas, Ellis County	24	Evening	?	?	0	0	?	?	Hail, wind, and rain
									Small hail, wind, and heavy rain caused considerable damage to wheat crop and some property damage. A 9-inch rain was reported northwest of Shattuck.
Sand Creek area, Grant County	27	Afternoon	4	*4	0	0	0	5	Hail and rain
									Small hail and heavy rain caused an estimated \$100,000 damage to wheat and barley crop. No property damage was reported.
Northern half of State	31-June 1	Night			0	7	6	6	Wind, hail, rain, and 3 funnels aloft
									Thunderstorms with strong wind, hail, and heavy rain spread across the northern half of the State during the night causing extensive property and crop damage. The northwestern part of the State was hardest hit, but all northern sections received damage. Tree limbs were blown off, trees uprooted, roofs damaged, TV antennas toppled, mobile homes damaged or destroyed, power lines knocked down by falling trees, and wheat crop damaged. Estimates of the loss to the wheat crop were undetermined but it was reported to have been total in a few northwestern areas. Lightning strikes were reported at several locations. At Tulsa a home was destroyed by a fire as

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	INURED	PROPERTY	CROPS		
Oklahoma (continued)										
									a result of lightning with loss to the home set at \$15,000. Wind gusts were clocked at 67 MPH at Oklahoma City's Will Rogers World Airport and estimates of gusts in excess of 80 MPH were received from a number of locations. Hailstones up to 1 3/4 inches in diameter fell in Oklahoma City, Wynoka, Balco, and Beaver. Three persons suffered minor injury at Dover when their trailer house was blown over by the strong wind. At Fort Cobb Reservoir, winds overturned a trailer camper causing injury to four persons. Funnel clouds were reported at Goodwell, Texoma, and Hardesty, but none were believed to have touched the ground.	
Oregon										
Near Burns, Ore.	14	3:42 PM	0	0	0	0	0	0	Funnel Cloud	
									Funnel cloud observed briefly south of Burns. It was moving toward SE. Apparently did not touch ground and no damage resulted.	
Willow Creek - Jamieson area, near center of Oregon eastern border	15	Late afternoon	2-3	2,000	0	none known	4	4	Lightning and Heavy Rain	
									No official reporting station in the relatively small area where rain fell. Some unofficial reports of 2-3 inches in a matter of 2-3 hours claimed. Area was small but within that area damages through erosion of top soil serious. Also considerable acreage of beets washed out or covered to depths of several inches by silt and debris. Lightning caused minor damage to a few farm buildings and started a few fires, but actually damage from lightning appears to be insignificant.	
Scattered points over State	18	Afternoon			0	0	4	4	Lightning, Hail Locally Heavy Rains, High Winds	
									Hail from 3/4 to 1 inch in diameter fell over a small area along Oregon's central eastern border. Moderate to heavy rain fell for a brief period in parts of central Oregon. High winds in parts of Rogue River Valley caused considerable damage to utility lines in Grants Pass area; also wind felled trees damaged a few buildings. Very severe lightning in many parts of state started a number of forest fires, though easily controlled due to the large amount of moisture associated with the storm in most places where lightning occurred.	
Near Ontario, Ore.	18	11:00 AM	0	0	0	0	0	0	Funnel Cloud	
									Funnel cloud observed briefly about 10 miles west of Ontario. Apparently did not touch ground and caused no damage.	
Pacific									None reported	
Pennsylvania Bedford County	8	Late afternoon							Wind	
									High winds toppled walls at the site of a new garage section under construction. The roof was blown off and a wall was pushed down at a nearby garage. Wind uprooted trees.	
Western Pennsylvania	8	Evening							Thunderstorm	
									A thunderstorm caused flash flooding, flooding basements of homes and businesses and halting traffic at Erie. Extensive damage was caused when a bolt of lightning struck a smoke stack near North Washington. Utility lines were downed in Butler.	
Uniontown	10	Night			1		4		Wind	
									Several mobile homes were damaged when high winds hit a trailer park. One trailer was considered to be a total loss. A man suffered a severe cut hand as he attempted to aid occupants of the overturned trailers.	
Sharon	11	1:00 p.m.					3		Hail	
									Lumps of ice the size of golf balls were reported in the Mercer area.	
Westmoreland Co.	19	Evening					4		Rain	
									A temporary bridge was swept downstream at Lionier and flooded lowlands and the basements of about 50 summer cottages.	
Philadelphia, Montgomery and Delaware Counties	20	Afternoon					4		Thunderstorm	
									Lightning struck a conductor in Norristown leaving about 230 customers without electricity. Torrents flooded streets in Delaware County and caused accidents, downed electrical wires. In Philadelphia heavy rain collapsed a 12-by-15-foot section of the roof over the polls in the 27th Ward.	
Beaver County	26	Afternoon					4		Wind and Rain	
									High-powered wind accompanied by heavy rain knocked over trees, power lines, and buildings. Damage to the Columbia Gas Co. in Beaver Falls was estimated at \$25,000 to \$35,000.	
Puerto Rico San Juan	5	11:45 a	1.5	5	0	1	5	0	Waterspout, Tornado	
									A waterspout developed out of a line of heavy cumulus moving across San Juan Bay. It moved from south west towards the northeast and entered land over the Isla Grande Airport, San	
Puerto Rico (continued)										
									Juan. Winds at the Control Tower were recorded at 58 m. p. h. but were probably much higher near the core. Five light airplanes were completely destroyed and several more damaged. Civil Air Patrol office was derofed. The rear windows of several period cars were popped out and a boat in Club Nautico received minor damage. Some trees and signs were torn down as the twister passed by the Supreme Court Building, Muñoz Rivera Park and finally out to sea.	
Ponce, Fajardo and Humacao	5	morning			0	0	05		C	Heavy Rains
										Flooding occurred in northern, eastern and southern sections of the island with heavy rains and thunderstorms. Damages occurred to stores, roads and some homes in these sectors. The bridge on highway number 14 in Juana Diaz was damaged.
Eastern Puerto Rico	20-21				7	0	05		C	Heavy Rains
										Very heavy rains moved into the eastern section of Puerto Rico causing heavy flooding. The Luquillo rain forest area reported up to 12 inches in 24 hours and nearly 16 inches in 48 hours. In the southeast coastal section of Yabucoa and Humacao about 8 inches fell in 24 hours and nearly 13 inches over the two day period. Seven storm connected deaths by drowning were reported. Much damage occurred to structures near banks of streams, the Juana Diaz-Ponce bridge was destroyed and much livestock drowned. Much of the town of Fajardo, was under water as were the low areas of Humacao and Yabucoa. Most streams in the eastern and southern coasts were out of their banks or at bank-full stage.
Rhode Island Statewide	29	Eve			0	0	4	0		Wind, lightning, hail
										Two waves of thunderstorms with strong winds, intense lightning and hail hit about 3 hours apart. Trees and power lines were downed in some sections. Lightning set 4 fires in Lincoln and Pawtucket and, in the latter, hail reached radish size.
South Carolina Spartanburg County	18	10:00 p.	1/8	50	0	0	5	0		Tornado
										This small tornado moved from southeast to northwest and had a very short path. A few trees were uprooted, a gas station was damaged and a small supermarket was demolished. The market was in the small city of Cowpens.
Anderson and Greenville Counties	23	4:00 to 5:00 p.			0	0	4	0		High winds, thunderstorms, rain.
										High winds from severe thunderstorms were felt in several places from Belton which is 9 miles east of Mauldin, about 6 miles south of Greenville. A trailer was overturned and landed on an automobile near Belton and trees fell on one house. A young woman managed to get herself and infant son out of the trailer just before it went over. Trees were blown over at scattered points between Belton and Mauldin. In Mauldin, the roof was blown off of a gasoline service station.
Calhoun County	25	Afternoon			0	0	4	0		Windstorm
										An 85 foot grain elevator was destroyed and 15 pecan trees blown over when high winds struck in St. Matthews during thunderstorm activity.
South Dakota Clark County	3	evening			0	0	4	4		Heavy rain
										Heavy rain caused local flooding which washed out some roads, fences, and crops. Official amounts of about 3 inches were reported and unofficial amounts of up to 5 inches were reported.
Rapid City	3	6:30 p			0	0	0	0		Hail
										Hail of 3/4 inch but no damage reported.
Near Oahe Dam, Stanley County	4	about 10:30 a				1				Lightning
										A fisherman was struck by lightning and hospitalized. He suffered a six inch burn on the back of his head.
Armour 55	5	3:00-3:45 p								2 funnel clouds aloft
										Clouds moved from NW to SE.
Mitchell 60NW	5	8:30 p			0	0	0	0		Hail
										Hail of 1 3/4 inch but no damage reported.
McIntosh 15NW	7	7:15 a								Funnel cloud aloft
										Moved east
Dell Rapids	9	10:30-10:35 p			0	0	4	0		Wind
										A lumber yard building and some lumber valued at about \$10,000 was destroyed.
Watertown	14	night			0	0	4	0		Wind
										Winds with gusts to 80MPH wrecked 3 mobile home and buildings on a turkey farm.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
South Dakota (continued)									
Sully County	15	8:00-9:00 p					4	4	Wind and hail
		Hail damaged some crops but since it is just emerging it is expected to recover. Wind damaged some farm buildings. Most of the damage was near Onida. Storm moved from SW to NE.							
Fort Pierre	15	8:30 p			0	0	4	0	Lightning
		A fire started by lightning caused an estimated \$10,000 damage to a motel.							
Mobridge 12N	21	2:30 p							Funnel cloud aloft
Near Miller	21	6:30 p			0	0	4	0	Lightning
		A fire started by lightning destroyed a large barn and farm truck.							
Tennessee									
Johnson City Washington County	1	p.m.	?	?	0	0	0	0	Hail
		Tennessee Highway Patrol reported hail 3/4 inch in diameter. No damage reported.							
Robertson, Sumner Counties	10	3:00p.-3:10p.	3	200	0	0	4 ⁰	0	Hail
		Hail averaging 3/4 inch in diameter caused damage to corn and garden crops, and some auto damage in the area. A few hailstones were from 1 to 1 1/2 inch in diameter.							
Nashville, (near) Davidson County	10	4:47p.							Funnel aloft
		Tennessee Highway Patrol reported several sightings of a funnel cloud, 12 miles south of Nashville.							
Dale Hollow Dam, Clay County	10	4:40p.	?	?	0	0	0	0	Hail
		Hail up to 3/4 inch in diameter covered the ground. No damage reported.							
Church Hill, Hawkins County	10	p.m.			0	0	?	?	Wind
		Strong winds caused miscellaneous damage to trees and farm buildings.							
Chattanooga, Hamilton County	10	p.m.	?	?	0	0	4 ⁰	0	Wind, lightning, and hail
		High winds hit Chattanooga area. Trees and some utility lines were downed and roofs damaged. Evidence of hail damage to crops in Hamilton County. Size of hailstones unknown.							
Morristown, Hamblen County	22	p.m.			0	0	3	0	Lightning, wind
		Scattered thunderstorms caused mostly light damage. A large restaurant sign fell on a parked automobile.							
Memphis, Shelby County	31	p.m.	?	?	0	0	4	0	Wind, hail
		Scattered thunderstorms with strong winds to 60 mph damaged roofs, utilities and trees. Hail streak from west to east across north Memphis.							
Texas									
Near Canyon, Randall County	2	4:04 p-4:30 p	?	?	0	0	0	0	2 Tornadoes, funnel aloft
		Two tornadoes touched ground near Canyon but did not cause any damage. One was two miles south of the city, while the other was about 10 miles southeast. A third funnel hovered over the northeast corner of the city but did not touch ground.							
S Hedley, Donley County	2	7:25 p							Funnel aloft
Near Childress, Childress County	2	2:45 p							Funnel aloft
SN Amarillo, Potter County	2	3:15 p	Short Narrow		0	0	3	0	Tornado
		A small tornado took the roof off two barns in the Rolling Hills addition about eight miles north of Amarillo. The roar of the storm was described as sounding "like a freight train or an airplane". The tornado moved from south to north. Total property damage was estimated at \$800.							
San Antonio, Bexar County	3	5:00 a-5:30 a	1	67	0	0	5	0	Tornado
		A tornado touched down in the Denver Heights area of southeast San Antonio and caused an estimated \$75,000 damage. Hardest hit was the area along Clark Avenue from Nebraska to Westfall Avenues. The storm caved in a wall at the McDonald Lumber Company, 706 Clark Avenue, and lifted off some metal roofing. The roof was lifted off the living room, kitchen, and garage at the home of Mrs. Maria P. Rodriguez, 1429 Westfall Drive. One house was moved from its foundation. Residents in the area reported hearing a whistling sound for about 30 seconds. The path of damage was about one mile long and 200 feet wide. The storm moved from north to south.							
Near Crosby, Harris County	4	4:52 p							Funnel aloft
Near Bronte, Coke County	4	1:50 p-1:54 p							2 Funnels aloft
Texas (continued)									
Ovalo, Taylor County	4	2:30 p-10:00 p	10	*8	0	0	?	?	Hailstorms
		Several hailstorms occurred during the afternoon and evening in and near the Ovalo community in south Taylor County. The ground was 90 percent covered by hail in some areas. Hailstones averaged three-quarters of an inch in diameter. Largest stones were one and one-quarter inches in diameter. The amount of property and crop damage was not known.							
Lubbock, Lubbock County	4	3:50 p	?	?	0	0	?	0	Hailstorm
		Hailstones up to one inch in diameter were reported in southwest Lubbock. No estimate of property damage was available.							
Lawn, Taylor County	4	4:30 p	Short Narrow		0	0	0	0	Tornado
		A tornado touched ground briefly at Lawn in southeast Taylor County but did not cause any known damage. The storm moved from northwest to southeast.							
Near Potosi, Taylor County	4	5:00 p-6:00 p	Short Narrow		0	0	0	0	4 Tornadoes
		Four tornadoes touched ground briefly in an area about five miles square near Potosi, eight miles southeast of Abilene. There was no reported damage. The storms moved from northwest to southeast.							
Near Notrees, Ector County	4	8:45 p							Funnel aloft
		Funnel aloft observed in northwest Ector County between Notrees and Goldsmith. The storm moved from southwest to northeast.							
Midland and Ector Counties	4	Afternoon	?	?	0	0	6	?	Hailstorm, funnels aloft
		Hail up to two inches in diameter fell in Midland and Odessa and parts of Midland and Ector Counties. Property damage in the two cities was estimated at \$750,000. Hardest hit was northeast Odessa and northwest Midland. Approximately 2,000 insurance claims were filed in Midland and 1,700 in Odessa. Most of the claims concerned roof damage to residences and business firms. Several funnels aloft were reported in the area of Midland and Ector Counties.							
Near Granger, Williamson County	4	12:30 a	?	?	0	0	?	?	Hailstorm
		A hailstorm pounded areas north, northeast, and northwest of Granger, damaging new cotton and maize crops. The hail was accompanied by almost four inches of rain. Crops on some farms were estimated to be a total loss.							
Abilene, Taylor County	4-5				0	0	4	4	Flooding
		Heavy rains in south Taylor County caused flooding in southeast Abilene. An estimated 30 to 40 homes in the Carver area of the city were flooded. The flooding was from Elm Creek. Property damage was estimated at \$10,000, and damage to crops and to farmland in the south part of the County was estimated at \$10,000. In south Taylor County, rain totals for a 72-hour period reached 6.35 inches at Tuscola, 5.45 at Ovalo and 5.10 at Lawn.							
10N Plains, Yoakum County	5	9:05 p	**500	?	0	0	0	0	Tornado
		A tornado touched down in open country about 10 to 15 miles north of Plains and stayed on the ground for a distance of 400 to 500 yards. There was no known damage.							
Farmer County	5	9:20 p-11:25 p							Funnel aloft
		Observed from about three miles southwest of Friona to near Summerfield.							
Levelland, Hockley County	5	11:25 p							Funnel aloft
12 SW Morton, Cochran County	5	11:50 p	?	?	0	0	0	0	Tornado
		Tornado confirmed by Cochran County Deputy Sheriff between Eladsoe and Lehman about 12 miles southwest of Morton. A "hook shaped" echo was observed on the Lubbock Weather Bureau Office radar. There was no report of any damage.							
W Houston, Harris County	5	10:34 a	?	?	0	0	0	0	Tornado
		Tornado touched ground briefly about 10 miles south of Andrau Airport, just west of the city of Houston. There was no damage. What was probably the same funnel, was observed aloft about 10 miles west-northwest of Houston Hobby Airport at 10:45 a.							

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) Near Patricia, Dawson County	5	4:00 p- 5:30 p	?	?	0	0	3	0	3 Tornadoes, 3 funnels aloft
									Three tornadoes and three funnels aloft were observed in the vicinity of Patricia in south Dawson County. One of the largest tornadoes touched down about eight to ten miles southwest of Patricia, in Martin County. Although the tornadoes came close to several farm houses, the only known damage was to a barn on an unoccupied farm. Damage was estimated at \$5,000. Witnesses stated the large funnel stayed on the ground for a distance of about five miles. A tornado was reported four miles south of Langsa; this probably was one of the tornadoes first reported near Patricia.
10 E Andrews, Andrews County	5	2:57 p	?	?	0	0	0	0	Tornado
									No damage reported.
SW Andrews, Andrews County	5	After- noon	?	?	0	0	0	0	2 Tornadoes
									A large tornado dipped to the ground in open country southwest of Andrews and bound along the ground in three giant leaps; then a second, but smaller tornado struck a few miles away from the first.
10 E Tahoka, Lynn County	5	7:00 p- 7:30 p	4	?	0	0	3	?	Tornado
									A tornado cut a swath through the Central Baptist Church area of east Lynn County about two miles north of Grassland and 10 miles east of Tahoka. The path crossed U. S. Highway 80 just north of Central Church. Several outhouses, a quonset barn, and a garage were destroyed north of Central Church. Property damage was estimated at \$3,000. Only slight damage occurred to crops.
Levelland, Hockley County	5-6	10:30 p- 12:30 a	?	?	0	0	?	?	Hailstorm
									Hailstones up to one and one-half inches in diameter caused some damage to roofs in Levelland. Hailstones averaged one-half inch in diameter.
Near Vidor, Orange County	5-6	Midnight 12:30 a	4	*1 1/2	0	0	5	?	Hailstorm
									A hailstorm severely damaged property and gardens in the Pine Forrest community near Vidor in Orange County. Hailstones averaged two inches in diameter; largest stones were four inches in diameter. The roofs of trailer houses were pierced, roofs of homes damaged, automobile tops were dented, and windows broken by the large hail. Property losses were estimated at \$200,000. Gardens, trees, and shrubs were shredded.
Mineral Wells, Palo Pinto County	6				0	0	5	0	Flooding
									Thunderstorm rains dumped from 3/4 to 4 inches of rain on Mineral Wells in less than one hour and caused flash flooding all over the city. Damage to streets, canals, bridges, and homes was estimated at \$60,000. A house was reported underwater just outside the city limits on the Hillsap Road.
1 1/4 ENE Big Springs, Howard County	6	6:00 a	Short	Narrow	0	0	3	0	Tornado
									A tornado knocked down six utility poles along Interstate Highway 20, near the community of Iatan, about 1 1/4 miles east-northeast of Big Spring. Damage was estimated at \$1,500.
Lake Fort Phantom Hill, Jones County	6	9:45 a- 9:50 a	**50	50	0	0	3	0	Tornado, funnels aloft
									A small tornado dipped into the surface of Lake Fort Phantom Hill about 9:45 a.m., then struck a small section of the northwest shore, causing about \$1,000 damage. Mrs. Chester Hilburn described what she saw from her cabin, "It was making a roaring noise. I knew it was a storm. A spout came right down to the water. A wave hit the bank. When I saw a blue boat go whirling through the air, I went to the closet." A second funnel descended from the cloud but did not touch ground. The tornado moved from southwest to northeast.
20 SW Abilene, Taylor County	6	11:50 a							Funnel aloft
Menard and Mculloch Counties	6	Noon- 1:30 p	37	200	0	0	4	2	Tornado, wind and hailstorm, funnel aloft
									A tornado touched ground at least seven times along a 37 mile path from south of Hext in Menard County to Melvin in McCulloch County. Total damage along the path of the storm was estimated at \$5,000. Non-tornadoic winds caused an additional loss of \$2,500 to property, and hail resulted in losses of about \$500 to property and \$500 to crops in the area. The tornado was first observed about 15 miles south of Hext at noon. It moved from south to north at an average speed of 25 miles per hour. The storm demolished a barn and windmill on the Haby ranch near Hext. From Galf Creek to Melvin the tornado destroyed one vacant five room house, ripped up about one mile of fence, and killed one sheep. Southwest of Brady, the funnel stayed on the ground for about 30 minutes. The funnel was observed to strike the ground, then lift, at least seven times. The tornado dissipated in the vicinity of Melvin about 1:30 p.m. Hail accompanying the storm averaged one-half inch in diameter, but largest stones were one and one-half inches in diameter. A funnel aloft was observed near the Lynn community about 2:50 p.m.
Texas (continued) Blanco and Burnet Counties	6	12:30 p- 3:06 p	37	100	0	2	4	0	Tornado, 2 funnels aloft
									A tornado bounced and skipped along a discontinuous 37 mile long path across Blanco County and south Burnet County striking Johnson City, where two persons were injured slightly, and property damage was estimated at \$25,000. The storm was first observed about nine miles west of Blanco at 12:30 p.m. where it damaged a chicken house and windmill on the E. L. Miller farm. Trees in the area were uprooted and damaged also. The storm path through this area was estimated at about 10 miles long and 100 yards wide. At about 1:35 p.m., the tornado touched down in Johnson City leaving a path of destruction about one-half mile long and 100 yards wide. The tornado demolished a new trailer house belonging to J. J. Maxwell, 59, and his wife 59; both received only minor scratches and abrasions and crawled from the collapsed trailer. The tornado missed former president Lyndon B. Johnson's boyhood home by about two blocks. It came from the south and after tearing a roof off one unit in a housing project for the elderly turned northeast through the town. The tornado unroofed the VFW hall and an unoccupied house and took the front porch off another house. One witness described the roar of the funnel as, "like a cotton gin running". The tornado continued in a north-northeasterly path into Burnet County where it touched down on the Charley Taylor farm just south of Marble Falls. Here it ripped off part of the roof of their home and demolished a barn. Two large storage tanks were side by side on the Taylor farm. The tornado hurled one of them 100 yards without touching the other. The tornado uprooted trees on the Bill Smith property a few hundred yards from the Taylor farm. After lifting briefly, the tornado dipped down again about one-half mile north of the Taylor farm and struck the home of David W. Sides on Lake Marble Falls. The storm passed about one and one-quarter miles northeast of Wirtz Dam. The roar of the tornado was described as "like four freight trains". The tornado struck in the vicinity of Marble Falls at 3:06 p.m., where the path of destruction was two to three miles long and 100 yards wide. "Two small white funnels danced up and down on either side of the big black funnel but did not touch ground", according to witnesses at Marble Falls. From its formation west of Blanco, the tornado traveled in a north-northeasterly direction at an average speed of 14 miles per hour. Total property damage was estimated at \$29,000.
Near Bovina, Parker County	6	2:20 p- 3:00 p							3 Funnels aloft
Earth and vicinity, Lamb County	6	3:45 p- 7:10 p	1/2	100	0	0	5	?	3 Tornadoes, 2 funnels aloft
									Three tornadoes and two funnels aloft were observed in the vicinity of Earth. One tornado was first observed near Bila about 3:45 p.m. and tracked by Highway Patrolmen as it moved in a north-northeasterly direction toward Earth, and touched down within about two miles of the town. The discontinuous path of this storm was about 2 1/2 miles. At 7:10 p.m. a tornado coming from a southeasterly direction out of a cloud described as "not too frightening" dropped down on Earth. It touched down on the south part of the town and destroyed one house, two storage warehouses, garages, and overturned farm equipment. Windows were blown out, and some roofs damaged. The tornado, traveling about 10 miles per hour first swooped down on the city of Earth Dump Grounds. From there it traveled to a wrecking yard owned by Adam Galon, and then to a small house belonging to Mrs. Phil Clayton. The house was destroyed completely, leaving the contents in a heap. Next in the path of the tornado was a quonset steel building which was damaged extensively, and a 24 x 32 feet warehouse building which was destroyed completely. There were no deaths or injuries from this storm as most of Earth's residents observed the tornado from the safety of storm cellars, or were to one side of the storm's path. The actual path of the tornado, which forded over the eastern edge of town, was about one-half mile long and 100 yards wide. The tornado path was from southeast to northwest. The funnel appeared to be white throughout its entire length. The roar from the funnel could be heard at least 100 yards away. Ten to twelve homes or buildings were damaged by the tornado; losses were estimated at \$75,000. Viewing the tornado from a safe distance, Kathy Myers reported, "The funnel came down over Earth, went up, and came back down. The funnel broke in two, the tall dissipating and the top pulling back into the dark clouds." The Myers family drove back to their farm home near Earth just in time to witness another tornado strike in an open field near their home. It was described as "big and white with a pinkish cast".
Santo community, Palo Pinto County	6	4:00 p- 4:30 p	10	*3	0	0	?	?	Hailstorm
									Hail up to one and one-half inches in diameter damaged roofs of houses, gardens, and crops in a strip 10 miles long and three miles wide through the southeastern part of Palo Pinto County. The area extended from south of Santo to northeast of Santo.
Dawson County	6	4:00 p- 9:00 p	30	*15	0	0	?	?	Hailstorms
									Hailstorms damaged property and crops in the northern half of Dawson County. Hailstones averaged three-quarter inch in diameter, but largest stones were two to three inches in diameter.
15 NW Waco, McLennan County	6	5:04 p							Funnel aloft

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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) Maverick County	6	5:30 p- 6:30 p	40	*1	0	0	4	5	Hailstorm, tornado, 3 funnels aloft
									Hailstones averaging two inches in diameter damaged property and crops along a narrow strip of west Maverick County between Quemado and El Indio. Property losses estimated at \$10,000 included damage to roofs of buildings, broken windows, and dented car tops. Losses to wheat, alfalfa, corn, maize, cotton, and onions was estimated at \$50,000. One tornado and three funnels aloft were observed in the vicinity of Eagle Pass but caused only minor damage. A house northwest of Eagle Pass was unroofed by the tornado.
SW Olton, Lamb County	6	evening							Funnel aloft
Near Whitesboro, Cooke County	6	7:30 p							Funnel aloft
Dimit and Zavala Counties	6	7:30 p- 8:00 p	12	*½	0	0	?	?	Hailstorm
									Hail damaged property and crops in north Dimit and south Zavala Counties. The heaviest damage was from Winter Haven on south through Carrizo Springs, although some hail was reported at Cometa and La Pryor. Hailstones averaged one-half inch in diameter, but stones three inches in diameter, and weighing one pound, fell at the Rio Grande Plains Experiment Station at Winter Haven. Over 300 panes of glass were broken in the greenhouse there. Cars and pickup trucks parked at the Dimit County Airport received heavy damage from hail. Windshields were smashed and large dents knocked into the steel bodies.
½ W Wellman, Terry County	6	8:05 p	?	?	0	0	0	0	Tornado
									Tornado struck in open field and did not cause any damage.
NW Mart McLennan County	6	11:40 p- 11:42							2 Funnels aloft
									The wind speed was reported as "calm" at the time of the sighting. The observer noted a "sucking and roaring sensation" during the sighting also.
Jefferson, Orange, Hardin, and Newton Counties	6-7	9:25 p- 1:35 a	30	*5	0	0	?	0	Hailstorm
									Hail ranging in size from three-quarters inch in diameter to three inches in diameter damaged property within a five mile-wide strip about 30 miles long from the central portion of Beaumont in Jefferson County to Vidor in Orange County, and to Deweyville in Newton County. In Beaumont, the hail was heaviest in the city's west end. Kountze, in Hardin County reported hail also. Beaumont Motor Company and Mid City Motor Company sustained minor damage to an estimated 600 automobiles. Hail damage in Vidor was estimated at \$7,000.
Lufkin, Angelina County	6-7				0	0	?	?	Flooding
									Torrential rains, an unofficial total of 7.40 inches within 48 hours, measured at The Lufkin News office, drenched the city and caused minor property damage from flash flooding. Hardest hit within the city was the Turtle Creek area west of Loop 287 in the Brookwood Addition and in areas east of the loop. A bridge was reported washed out on Davisville Road. The County Agricultural Agent reported most gardens washed out by the heavy rains.
North Central Texas	6-8				4	0	7	?	Flooding
									Major flooding occurred in the Upper Trinity and Upper Brazos River Basins in North Central Texas during the month. Flash flooding was extensive in Johnson County in the Upper Brazos Basin, mainly in and to the south of Cleburne. Flooding was extensive also along the Trinity River and the East Fork of the Trinity and their tributaries in and to the south of Dallas. Four persons drowned as a result of these floods and estimates of total property damage exceeded \$5,000,000. Run-off from heavy rains during the first week of the month caused the flooding, but most of the rain fell during a 24 hour period on May 6-7th. Flood crests on most upper basin gages were reached by about the 8th. Along the Upper Trinity, rainfall ranged from four to nine inches. Heaviest amounts were nine inches at Kaufman and seven inches at Waxahatchie. At Dallas the Trinity was above flood from the 6th to the 10th, cresting about 11 feet above flood at 4½ feet on the 8th. At Rosser the Trinity was above flood stage from the 7th to the 11th, cresting near 36 feet or 10 feet above flood on the 9th. The East Fork of the Trinity River at Grandall crested near 20 feet on the 8th, seven feet above flood. Chambers Creek near Corsicana reached a peak overflow of seven feet on the 8th when it crested near 27 feet. Along the Upper Brazos River, rainfall ranged from 3 to 10 inches during the first week of May. The heaviest, 10 inches, fell on the evening of the 6th and during the early morning hours of the 7th in Johnson County in and to the south of Cleburne. East Buffalo and West Buffalo Creeks overflowed and produced extensive flooding in Cleburne. Mustang Creek and the Nollands River overflowed in the south portion of Johnson County. The Clear Fork of the Brazos at Fort Griffin overflowed about four feet when it crested near 29 feet on the 8th. At South Bend the Brazos was at flood stage on the 7th and 8th. Stages at Dallas and Trinidad in the Upper Trinity were the highest since 1957. Preliminary estimates by the
Texas (continued) North Central Texas									U. S. Corps of Engineers Project Planning and Evaluation Division, Fort Worth, place damage in the Upper Trinity River District at \$4,602,000. An estimated 55,000 acres of land were inundated. The Small Business Administration estimated damage in Johnson County, from flooding in the Upper Brazos River District at \$400,000. Numerous homes were damaged by flood waters in Dallas and Cleburne. Several business firms suffered damage in Dallas. Flooding of homes was reported also in the De Soto community, south of Dallas, and in Elum in South Johnson County. Three persons were drowned in Mustang Creek near Rio Vista in Johnson County on the night of the 6th. A Dallas woman was drowned in high waters in Mesquite when her car stalled on the night of the 6th.
Near Carmine, Fayette County	7	10:15 a							Funnel aloft
De Soto, Dallas County	7	12:45 p- 1:00 p	**500	100	0	0	4	0	Windstorm, funnel aloft, flooding
									High winds struck the Town South Mobile Park south of De Soto and demolished two trailers. Two other trailers in the park were blown off their foundations and several storage sheds were destroyed. Witnesses at the area stated that reports came from people on U. S. Highway 35S and Cedar Hill that a funnel was sighted in the area at this time. Total wind damage was estimated at \$15,000. Excessive rains caused additional damage at De Soto, estimated at \$20,000, (see North Central Texas - flooding).
San Antonio, Bexar County	8	8:00 a- 10:30 a	5	*2	0	0	5	?	Hail and windstorm
									Hail caused an estimated \$50,000 damage to property in San Antonio, mostly in scattered areas in the southwest and south portions of the city. High winds ripped the roof from a building at the T-Cross Cattle Company west of San Antonio. Damage to the building was estimated at \$15,000. The wind toppled a 20-foot television tower, erected temporarily at the 18th green at the Pecan Valley Country Club. Two color television cameras were damaged. Hailstones two to three inches in diameter were reported. There was some crop damage southwest of the city.
Austin, Travis County	8	8:15 a- 8:50 a	?	?	0	0	3	0	Hailstorm, heavy rains
									Hail ranging in size from one-quarter inch to one and three-quarter inches in diameter fell throughout the city, but the hail lasted only a few minutes in most parts of the city. The heaviest hail fell on South Austin. Hailstones knocked out windows on one side of the roof of the greenhouse at Fibsta Gardens. The shattered glass damaged plants inside. Minor flooding of numerous homes and businesses resulted from the heavy rains accompanying the storm. This was the same storm that caused extensive damage in Gillespie and Blanco Counties.
Medina County	8	Morning	10	*2	0	0	5	5	Hailstorm
									Crop and property damage from a severe hailstorm that cut a ten-by-two mile swath through Medina County was estimated at \$500,000. The damaged area was oriented northwest to southeast from between the Bader settlement and Rio Medina into West Bexar County. Hardest hit was the Rio Medina area, where nearly every field was destroyed. The waist-high corn crops and fields of maize were stripped and lowered to the ground by the unusually large hailstones. Wind whipped through the area, knocking the oats and wheat crops to the ground. Many home gardens were ruined and fruit trees were split, with the young fruit being blown to the ground.
Gillespie and Blanco Counties	8	Morning	?	?	0	1	5	4	Hailstorm, high winds
									A severe hailstorm struck the Fredericksburg-Stonewall-Johnson City area and caused an estimated \$300,000 damage to property and \$50,000 damage to crops. The hail began in Kimble County about 15 miles west of Harper, and extended eastward through Burleson and Washington Counties, but heaviest damage was in Gillespie and Blanco Counties to the west of Austin. In the Fredericksburg area, heaviest damage was north of the city. Damage was also heavy in the Knopp School Community east of Fredericksburg. Richard Kunz reported that he lost 5,000 turkeys on the Leo Ike place, three and one-half miles northeast of Fredericksburg, due to the hail. Hail the diameter of a tea cup was reported one and one-half miles north of Stonewall. Numerous reports of hail the size of hen eggs and golf balls came from the storm area. At Johnson City, where the storm struck at 7:35 a.m. and lasted until 7:50 a.m., winds of 70 to 80 miles per hour (estimated) propelled the ice pellets in an almost horizontal direction. Almost all windows on the north and west sides of homes and buildings were shattered. Hail at Johnson City averaged one-half inch in diameter, but largest stones were two inches in diameter. One of the hardest hit places was the Johnson City School. One student was cut when struck by flying glass, shattered by the hail. Much of the peach crop was spared, but other crops, in small areas, were shredded. Thirtyone sheep were killed on one ranch near Harper.
Guero, DeWitt County	8	11:30 a- 12:15 p	?	?	0	0	0	0	Hailstorm
									Hailstones up to one and three-quarters inches in diameter fell at Guero. No damage was reported.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) 4 E Lancaster, Dallas County	8	3:24 p	Short	Narrow	0	0	0	0	Tornado
									Tornado touched ground briefly about four miles east of Lancaster then dissipated without doing any damage.
McCook-Linn area, Hidalgo County	8	4:30 p-5:00 p	?	?	0	0	?	?	Hailstorm
									A severe hailstorm struck the McCook and Linn communities in North Hidalgo County. Hailstones up to two inches in diameter broke windows, knocked down power lines, broke automobile windshields, and wiped out 30 to 60 percent of the cotton and grain crops in a 10-square mile area. Watermelon crops in the area were damaged also.
Laredo and vicinity, Webb County	8	6:15 p-6:35 p	?	?	0	0	?	?	Hailstorm
									Hail ranging in size from one-quarter inch to one and one-half inches fell in the Laredo area with the heaviest hail in the Del Mar Hills section, three to four miles north of the city. Marble size hail was reported in the downtown area. Some damage to automobiles occurred in Del Mar Hills. Hail was reported at Laredo Air Force Base also. A few fields of cantaloups and onions were damaged.
8 SSW San Antonio, Bexar County	8	10:55 p							Funnel aloft
Papalote, Bee County	12	2:15 p-2:45 p	3/4	440	0	0	3	3	Windstorm, funnel aloft, hailstorm
									A windstorm which included a funnel aloft caused minor damage in the Papalote community about 24 miles north-northwest of Corpus Christi. The high winds blew in the side of a building, collapsed a shed on top of an automobile and twisted off several trees. Several signs were blown down. Six inches of rain and three-quarter inch (diameter) hail accompanied the storm.
Near Orange Grove, Jim Wells County	12	2:45 p-3:10 p	16	#3	0	0	0	5	Hailstorm
									Hail caused an estimated \$75,000 damage to cotton and maize in a 3-by-16 mile strip oriented northwest-southeast, about two miles east of Orange Grove. Hailstones averaged one-half inches in diameter with largest stones one inch in diameter.
Banquete, Kinney County	12	4:00 p	5	Narrow	0	0	3	5	Tornado, hailstorm
									A small tornado was observed three to five miles east of Agua Dulce. What was probably the same tornado, ripped off a portion of the roof of the Tell Oil at Banquete. The tornado uprooted a large number of trees, and knocked down about one-half mile of telephone lines. Crops in the area received extensive damage from hail that accompanied the storm. Farmers estimated a strip running from northwest of Robstown to southwest of that city had more than 2,000 acres of cotton and grain damaged extensively. At Banquete, farmers estimated hail and wind damage at about 50 percent of the crops.
Lower Rio Grande Valley	12	4:00 p-10:00 p			0	0	6	7	Hail and windstorm, heavy rain
									One of the most devastating hail and wind storms on record raked almost all portions of the Lower Rio Grande Valley and caused at least \$10,000,000 damage to crops and \$4,000,000 to property. An estimated 80,000 to 85,000 acres of highly valuable crops were in the paths of the wind and hail storms that cut through Starr, Hidalgo, Willacy, and Cameron Counties. And on those acres the crops either were destroyed or severely damaged. The losses are expected to decrease the Valley's 1969 cotton crop estimate by about 10,000 bales and by 50,000 acres. In addition, a large area of Willacy County citrus was hard hit, many trees being completely defoliated and de-fruited. In between and scattered throughout the area were numerous acres of vegetables (tomatoes, peppers, squash, etc.) which took a severe beating and many of which were made worthless. In Starr County ripening melons were hard hit by large hail. Willacy County Agricultural Agent, Lin Wilson, said the windstorm with its hail entered at the northeast corner of Willacy County cutting a swath about five to seven miles wide most of the way and about eight miles wide in the southern area of the county, damaging crops on at least 60,000 acres. In Cameron County there was heavy damage to citrus east of Combes. Agricultural Agent, Don Cowan said about 20,000 acres of crops were heavily damaged, and about 70 to 80 percent of those will be lost. The area included about 8,000 to 10,000 acres of cotton. Hidalgo County escaped most of the damaging effects of the storms. In Starr County where the cantaloup harvest was underway on about 4,000 acres, most of the crop escaped with "negligible" damage, but a few farms were hit hard. Ralph Ross, assistant manager of La Casita Farms near Rio Grande City, said his firm's cantaloup crop, "got hurt pretty bad". Ross said melons taken from flooded fields showed "deep gouges" rather than the pitting normally associated with hail. Hail varying in size from one-half inch to four inches in diameter fell during the storms. The average diameter was about three-quarters to one inch. Property in the path of the storms took a severe beating. Plate glass windows were blown out by the wind, or broken by the hail. Automobile bodies were damaged extensively. In Harlingen, the roof of the Toy Town store on Jackson Street collapsed under the weight of torrential rains. Hail damage in the Brownsville area was relatively light.
Texas (continued) 20 NW Miami, Roberts County	12	5:20 p	?	?	0	0	0	0	Tornado
									Reported by public over open ranch land moving northeastward 15 to 20 miles per hour.
2 NW Harlingen, Cameron County	12	6:00 p	?	?	0	0	4	5	Tornado
									A tornado struck the Combes community about two miles northwest of Harlingen and caused extensive damage both to property and crops. A service station, several cattle sheds and a fruit stand were destroyed. Property losses totaled \$30,000. Crop losses in the path of the storm were estimated at \$100,000.
12 N Pampa, Roberts County	12	6:05 p							Funnel aloft
14 N Pampa, Roberts County	12	7:00 p	?	?	0	0	0	0	Hailstorm
									Hailstones varying in size from one-half inch to two and three-quarters inches in diameter fell on ranch land north of Pampa. There was no known damage.
Near Wheeler, Wheeler County	12	7:00 p-7:05 p	?	?	0	0	0	0	Tornado, funnel aloft
									A tornado touched ground about one mile west of Wheeler. The tornado was cylindrical in shape and did not appear to move. It hit the ground, then the top half separated from the cloud and the bottom half stayed on the ground with dust flying. The bottom half then disappeared but the dust continued to whirl, then the dust stopped. A funnel, which remained aloft, was observed at about the same time two miles east of the one that hit the ground, or about one mile east of Wheeler. The tornado caused no known damage.
1 NE Brownsville, Cameron County	12	8:30 p	?	?	0	0	4	0	Tornado
									A tornado touched ground briefly at 6351 Boca Chica Road in the El Jardin district northeast of Brownsville. One house trailer occupied by Mr. and Mrs. John Fuller and their four-year-old daughter was rolled over and damaged extensively, but the Fullers were not injured. An unoccupied house trailer belonging to Mr. and Mrs. John Apenzeller of Beckfalls, Illinois literally exploded when struck by the tornado. Total damage is estimated at \$8,000.
10 N Shamrock, Wheeler County	12	10:50 p							Funnel aloft
12 SSE Wheeler, Wheeler County	12	11:20 p	?	?	0	0	0	0	Tornado
									Tornado struck in open ranch land. No damage reported.
Near San Benito, Cameron County	12	Evening	Short	Narrow	0	0	4	?	Tornado
									A small tornado struck in the rural community of Marydale where it picked up the frame house of Amelio Anaya and moved it some 12 feet away. The roof of the living room and part of another room was ripped away. Rain and hail poured in, ruining clothing, furniture and furnishings. Mr. and Mrs. Anaya, their nine children, and a daughter-in-law were inside the house at the time but no one was hurt. Damage is estimated at \$5,000.
5 NE Memphis, Hall County	13	12:20 a-12:35 a	?	?	0	0	0	0	Tornado
									A police unit at Memphis observed a tornado funnel about five miles northeast of Memphis and were able to follow it for about 10 to 15 minutes. The funnel touched ground several times.
Port Isabel, Cameron County	13	1:30 a	Short	Narrow	0	0	2	0	Tornado
									A tornado touched down briefly near the Colleys Fishing Service House, then moved slowly from north to south with a "spinning top" like sound. The tornado was visible during the dark because of frequent lightning. Several windows were broken or blown out, signs were damaged, and a rope which held a boat to a dock was snapped.
Duplex, Fannin County	13	Noon			0	0	4	0	Lightning
									A bolt of lightning set fire to the five-room home of Mr. and Mrs. Curtis Barnett, completely destroying the house and contents. The house was engulfed in flames minutes after the lightning struck.
N Shamrock, Wheeler County	13	6:45 p	?	?	0	0	0	0	Tornado
									Tornado observed in open country between Trinity and Wheeler.
Claude, Armstrong County	13	8:10 p	?	?	0	0	?	?	Hailstorm
									Hail up to two and three-quarters inches in diameter was reported at Claude. The hailstorm extended northward to about Conway. The extent of damage, if any, is not known.
10 E Beaumont, Orange County	13	12:40 p							Funnel aloft

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) Roscoe, Nolan County	14	Morning			0	0	4	0	Lightning
									A fire caused by lightning destroyed the home belonging to Robert C. Baker. The loss was estimated at \$10,000.
Near Arlington, Tarrant County	14	12:32 p							Funnel aloft
									Funnel cloud reported to have descended to within 200 feet of the ground.
10 SE Sulphur Springs, Hopkins County	14	2:00 p	1/2	?	0	0	4	0	Tornado
									A small tornado destroyed three barns on the McClure Farm near Sulphur Springs and caused considerable damage to two barns on neighboring farms. The damaged area was in the Pine Forest community. Total damage was estimated at \$5,000. The tornado was identified by "a very loud roar".
Plainview and vicinity	14	3:00 p- 7:00 p	?	*1 1/2	0	0	?	?	Hailstorm, heavy rain
									Hail, ranging up to one and three-quarters inches in diameter caused damage to roofs in the southeastern section of Plainview and to cotton and sorghum crops east of Plainview. Dime size hail pounded crops for one hour and a half in the area northeast of Plainview and three and one-half inches of rain washed out recently planted cotton. Damage was heavy in the Prairie View community nine miles northeast of Plainview. The hail was eight inches deep in some places.
Malone, Hill County	14	4:20 p- 4:25 p	**200	33	0	0	4	0	Tornado
									A small tornado, which roared like a jet airplane touched down twice in Malone, approximately 200 yards between strikes. The funnel lifted a 60-by-32-foot sheet steel building belonging to Alvin Parrish about two to three feet off the ground. The building fell back down, then pieces of it began to rise into the air "in a twisting manner". The Co-op Gin two blocks away suffered minor damage. There was little or no damage in between the sheet metal building and the Gin. Total damage was estimated at \$6,000. The storm moved from southwest to northeast.
Providence community, Floyd County	14	After- noon	8	*1 1/2	0	0	?	?	Hailstorm
									Hail damaged crops in the Providence community northwest of Lockney. One strip was at least one and one-half miles wide and eight miles long.
Odessa, Ector County	14	5:45 p- 7:00 p			0	0	3	0	Lightning
									Lightning struck six separate houses and a power pole within a 3-by-4 mile area in Odessa. In each home, the charge followed electrical wiring, and caused fire damage. Total damage is estimated \$1,000.
Shallowater, Lubbock County	14	6:00 p- 7:15 p	1	*1	0	0	?	?	Hailstorm
									Marble size hail (three-quarters inch in diameter) covered the ground to a depth of two inches in places; largest stones were one and three-quarters inches in diameter. Trees were stripped and some windows were broken by the hail. The storm moved from north to south.
Near Stratford, Sherman County	14	7:10 p- 7:30 p	?	?	0	0	0	0	Tornado
									Tornado touched ground in open country and did not cause any damage. The funnel remained on the ground for about five minutes.
Big Spring, Howard County	14	7:50 p- 10:00 p	?	?	0	0	6	0	Hailstorm
									A hailstorm accompanied by high winds and some rain swept through Big Spring and caused extensive damage to roofs, windows, automobiles and trees. The hailstones averaged three-quarters of an inch in diameter with largest stones one and one-half inches in diameter. The large hail was reported in the south, west and north-west parts of the city. The largest hail fell early and the barrage lasted only about 10 minutes. The Texas Insurance Advisory Association estimated property damage at \$875,000. About 80 percent of the claims were for roof damage. Twenty percent of the damage was to automobiles.
Henderson, Rusk County	14	8:00 p	?	?	0	0	4	0	Windstorm
									A violent thunderstorm ripped through Henderson resulting in considerable wind damage to signs along U. S. Highway 79. A huge electric sign at Virgil Little's Fine Service Station, designed to withstand winds of 100 miles per hour, was blown down. The sign was 30 feet high. Damage at the station was estimated at \$5,000. About six new automobiles at Hale Motor Company were damaged by flying debris. A large bill board was blown down, and a plate glass window at the Piggly Wiggly grocery was blown out. Total damage from the storm is estimated at \$10,000.
Texas (continued) Near New Home community, Lynn County	14	8:34 p							Funnel aloft
4 S O'Donnell, Dawson County	14	9:15 p	?	?	0	0	0	0	Tornado
									Tornado struck in open country, no damage reported.
15 E Valentine, Jeff Davis County	14	10:00 p	?	?	0	0	0	0	Tornado
									A tornado touched down on open range land about 5 miles east of Valentine. Witnesses reported it "spoked out of the cloud, touched ground briefly, then withdrew". The tornado moved toward the northeast.
Floyd County	14	Evening	?	?	0	0	?	?	Hailstorm, rain and wind
									The southwest corner of Floyd County was hit by hail, heavy rain, and high winds. Hail damaged crops from Sandhill into McCoy and about four miles south of Floydada. Hailstones averaged about three-quarters inch in diameter.
2-5 W Palacios, Matagorda County	15	10:10 a- 10:22 a	**75	33	0	0	0	0	Tornado
									Tornado touched down on the northwest side of Palacios Municipal Airport. The storm moved from southwest to northeast. There was no damage.
Cameron County	15	1:40 p- 3:30 p	20	*5	0	0	?	?	Hailstorm
									Hail fell in a twenty mile strip about five miles wide from Brownsville and Matamoros eastward to the mouth of the Rio Grande. Hailstones averaged three-quarters inch in diameter with largest stones two inches in diameter; however, damage was thought to have been light. The storm moved from southwest to northeast. A "hook" shaped echo was observed on the Brownsville radar from six miles south of Brownsville to one mile off shore just south of the mouth of the Rio Grande. The path of the "hook" was over an undeveloped area.
NE Brownsville, Cameron County	15	2:00 p							Funnel aloft
Sanger, Denton County	15	4:30 p- 4:35 p	**350	40	0	0	4	0	Tornado
									Schmie Hill watched from his kitchen door as a small black tornado, "roaring like a jet airplane", picked up the roof of his barn, which was only about 60 feet away, and scatter it over 300 feet away. Pieces of large timbers were driven as far as two feet into the ground. A stallion in the barn escaped unhurt. The driver of a two-ton truck (unloaded) on a road one-quarter mile south of the damaged area said the storm "stopped his truck dead still as if the motor had died and the rain cut the visibility to zero". The damage caused by the tornado, which included a cattle feeder destroyed, was estimated at \$5,600.
Lubbock and vicinity, Lubbock County	15	4:45 p- 5:30 p	?	?	0	0	?	?	Hailstorm
									A driving hailstorm ripped into portions of Lubbock and stripped trees, dented automobiles, and damaged roofs. Heaviest hail appeared to be in the south part of the city. Hailstones measured three-quarters inch up to two inches in diameter. At Buffalo Springs Lake, about 10 miles southeast of Lubbock, window screens and storm doors were damaged by hailstones one and three-quarters inches in diameter.
Gail and vicinity, Borden County	15	5:30 p- 5:50 p	15	*1	0	0	4	?	Hailstorm
									Gail, and much of northeastern Borden County, was subjected to what old timers described as the worst hail storm in history. The hail ranged in size from small pellets to jagged ice balls as large as a man's two fists. The hail, driven by high winds, shattered roofs, broke automobile windshields and stripped trees. On the Borden Gray Ranch eight miles southeast of Gail the big chunks of ice literally beat the roof off the ranch house. Hailstones averaged one and one-half inches in diameter; largest stones were three inches in diameter. Damage in the small community of Gail was estimated at \$10,000. Crop damage was thought to be light.
8 S Rushland, Randall County	15	After- noon	?	?	0	0	0	0	Tornado
									Tornado moved from west to east. There was no damage.
SE Ira, Scurry County	15	7:00 p- 10:00 p	3	*3	0	0	?	?	Hailstorm
									Hail of varying sizes pounded Scurry County but no heavy damage was reported. Some windows were broken at a farm home seven miles southwest of Ira, and hail two inches in diameter fell in a one-half by-three-mile area southeast of Ira (about 13 miles south of Snyder). Large numbers of birds and rabbits were killed. Twenty windows were reported broken by hailstones at the R. E. Smith sub-station some 15 miles southwest of Snyder.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) 10 SE Post, Garza County	15	8:20 p	?	?	0	0	0	0	Tornado
Struck in open pasture land between Post and Justiceburg. There was no damage.									
8 NW Sweetwater, Nolan County	15	9:05 p- 9:10							Funnel aloft
2 W Lamesa, Dawson County	15	10:55 p	Short	Narrow	0	0	0	0	Tornado
The tornado dipped down briefly then ascended into the cloud; there was no damage. The storm moved from west to east.									
San Antonio, Bexar County	16	7:30 a- 8:45 a	?	?	0	4	5	0	Windstorm, tornado, funnels aloft
High thunderstorm winds caused scattered damage across the southern and north central portions of San Antonio. A tornado swept across Lions Field, and several funnel clouds were observed over the city. Most of the wind damage, which totaled about \$75,000 was on a line from Kelly Air Force Base to Rittiman Road and Loop 410. Three weathermen at Kelly AFB were injured slightly when the strong winds partially uncoupled their observation trailer. A C54 cargo plane was blown onto its nose. A fourth person was slightly injured at Friedrich Refrigerators, 1117 E. Commerce, when struck by flying glass. The path of the tornado was estimated at about 1,000 yards; the width was 200 feet.									
Yorktown, DeWitt County	16	10:02 a	**35	9	0	0	4	0	Tornado
A small tornado dipped down briefly on the Home Lumber Company at Yorktown and demolished the rear 100-foot section of a 300-foot long storage building. Witnesses watched the funnel dip down to within six feet of the ground as it demolished the section of the building. The length of the tornado path was measured at 104 feet and the width at 26 feet. Damage was estimated at \$10,000.									
3 W Randolph AFB, Bexar County	16	10:30 a	Short	Narrow	0	0	3	0	Windstorm
A windstorm that may have included a funnel aloft blew off a portion of the roof of the Saint Monica school in Converse, about three miles west of Randolph Air Force Base. No one saw or heard a funnel, but a witness reported that "a strange phenomena occurred in that the rain suddenly stopped and the wind shifted 180 degrees to the east only moments before the damage to the school occurred".									
5 S Mathis, San Patricio County	16	11:40 a	Short	Narrow	0	0	4	0	Tornado
A funnel dipped down out of a large black cloud, described as a "curtain of black", and lifted six giant concrete bridge girders about one foot above their mountings, then dropped them to the pavement 17 feet below. Each girder weighed 52,000 lbs. The concrete beams were on an overpass under construction.									
S Alice, Jim Wells County	16	11:40 a- 11:45 a							Funnel aloft
Bailey, Cochran and Lamb Counties	16	1:00 p- 4:33 p	18- 34	150- 300	0	0	4	0	5 Tornadoes, hailstorms
A total of five tornadoes were observed in the Needmore-Sudan area of east central Bailey and west central Lamb Counties. Four of these formed in Cochran County, about 10 miles south of Goodland and moved northeastward toward Needmore and Sudan. A fifth tornado was observed near Sudan. The lengths of tornado paths varied from about 18 to 34 miles. Path widths of 150 to 300 yards were reported. The tornado nearest Sudan caused an estimated \$10,000 damage to buildings belonging to a cattle company; otherwise there was little or no damage to property from these storms. Damage to crops was thought to be light. Hailstones averaging one-half inch in diameter accompanied these storms. Largest hail reported was two inches in diameter.									
20 S Dalhart, Hartley County	16	2:30 p- 2:40 p	?	?	0	0	0	0	Tornado
Tornado was very wide at the top and at times obscured by rain. Funnel was on the ground in the Canadian River "breaks" area south of Dalhart. There was no damage.									
8 E Pampa, Gray County	16	2:30 p 2:40 p	?	?	0	0	0	0	Tornado
Tornado on open farm land; no damage reported.									
7 SW Anherst, Lamb County	16	4:15 p- 4:25 p	**500	50	0	0	4	0	Tornado
A tornado picked up a combine on the Joe Fisher farm seven miles southwest of Anherst and flopped it over on its side 25 yards to the west of where it had been standing. A trailer, loaded with 4,000 feet of aluminum irrigation pipe, was relieved of its load and hurled 50 yards to the north. Total damage was estimated at \$10,000. It is believed this was a separate storm from those reported in the Needmore-Sudan area.									
Texas (continued) 5 SE Dimmitt, Castro County	16	4:30 p- 5:15 p	?	7- 33	0	0	0	0	Tornado, funnel aloft
A tornado described as a "blue-white rope" dropped from high, black clouds onto open farm land about five miles southeast of Dimmitt, but caused no significant damage. The tornado was visible for about 45 minutes when a second funnel formed about one-half mile north of the first. The second funnel, apparently not touching the ground, appeared to "whip around in a counter-clockwise direction and speared the first funnel (tornado) in the air, causing both to dissipate quickly". W. A. "Babe" Baldridge, who was planting tomatoes in the same field in which the tornado struck, calmly watched the tornado for 15 minutes at a distance of only 30 yards away. Baldridge stated the tornado, "sounded like a vacuum cleaner - no louder. When it had crossed the highway it was about 20 feet in diameter. But by the time it reached its full size it was about 100 feet in diameter, and the center of the core was about 25 feet across".									
S Bledsoe, Cochran County	16	4:37 p							Funnel aloft
10 W Levelland, Hockley County	16	5:06 p							3 Funnels aloft
Near Friona, Parker County	16	5:30 p- 6:30 p	40	*5	0	0	?	?	Hailstorm
A hailstorm caused extensive damage to wheat and row-crops in a 40-by-5-mile strip between Bovina and Friona. Some wheat crops were reported totally destroyed.									
1 NE Tulia, Swisher County	16	After- noon							Funnel aloft
Lazbuddie, Parker County	16	6:30 p	**17	17	0	0	3	0	Tornado
A small tornado dipped down in the Lazbuddie community and struck a trailer house just across the street from the Lazbuddie Post Office. The tornado picked up the trailer house, dumped it upside down on a pickup truck demolishing both the trailer house and the pickup. Total damage was estimated at \$700.									
Adrian vicinity, Oldham County	21	6:40 p	?	?	0	0	?	?	Hailstorm
Hailstones up to two and three-quarters inches in diameter fell in the Adrian area. The extent of crop damage, if any, is not known.									
25 N Amarillo, Potter County	21	7:50 p							Funnel aloft
Near Seguin, Guadalupe County	22	10:00 a	?	?	0	0	3	0	Tornado
A tornado dipped down on the Henry McCulloch farm about seven miles from Seguin on the Capote Road and narrowly missed his home. The tornado hit several hundred yards south of the McCulloch home, circled to the west and came back around north of the house. McCulloch reported, "It was raining real hard, when all of a sudden it stopped and it got very quiet. Then we heard the sound of high wind and heard tree limbs and tin crashing. It was over in a few seconds and it started raining again." The tornado destroyed about 10 out-buildings and uprooted a large number of trees. One piece of 2 x 6 inch timber was driven about three feet into the ground. Total damage is estimated at \$3,000.									
Peoria-Woodbury community, Hill County	22	4:30 p- 4:50 p							Funnel aloft
Funnel aloft observed over the Peoria-Woodbury community, 5 to 8 miles west of Hillsboro. It did not touch ground.									
Greenville, Hunt County	23	After- noon			0	0	?	0	Lightning
Lightning caused two fires in Greenville and struck numerous power transformers, disrupting electrical service. A residence at 1108 Marshall Street was damaged extensively in a fire reported at 5:22 p.m., and lightning was blamed also for a fire which broke out in the back end of Thomas and Son Plating Company on Interstate Highway 30.									
Near Bovina, Parker County	24	6:00 p	**100	?	0	0	?	3	Tornado, hail and windstorm
A small tornado cut a path about 100 yards long and 20 feet wide across an open field near Bovina. There was no damage from the tornado. A trailer house, parked near the home of I. W. Quickel at Bovina, was overturned by strong winds, while marble-size hail (3/4 inch in diameter) caused an estimated \$5,000 damage to wheat crops in an area about five miles south of Bovina. Some damage to wheat was reported to be 100 percent.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1969

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued) Tyler, Smith County	26	1:00 p- 2:00 p			0	0	?	0	Lightning
									Lightning struck four houses in Tyler, setting two on fire. Lightning set the roof of one house on fire. One house was set afire when struck by lightning due to a clothes line being attached to the house, setting a bed and clothing afire. Lightning struck a television set in another house and struck the wiring of the fourth house.
2 E Anahuac, Chambers County	27	11:45 a	**100	60	3	0	4	0	Tornado
									Three persons were killed when a tornado ripped through their home about two miles east of Anahuac on State Highway 61. The funnel dipped down and lifted the home of T. L. Boudreaux about 100 feet in the air; it then exploded. Bodies landed 200 feet from where the house once stood. Debris scattered over an area about 200 yards in diameter. Witnesses reported, "It just lifted the house off its foundation, it (the house) just hung there for a while, suspended in mid-air, then it exploded as if a charge of dynamite had just been set off in it." Killed were Boudreaux, 63, and his sister, Mrs. Jane Renois, 78. Boudreaux' wife died several hours later as a result of injuries sustained in the storm. A cow shed and barn near the Boudreaux were destroyed also. The tornado traveled from south-southwest to north-northeast. Damage was estimated at \$10,000. Strong winds damaged a home on the southern edge of Anahuac.
Utah Davis, Weber and Salt Lake Counties	6-7	a.m.			0	0	4	3	Damaging winds
									Winds with gusts estimated in excess of 70 mph during the early morning hours Tuesday and Wednesday blew several trailer trucks and truck campers off the highway north of Farmington and forced closing of the highway for several hours. A 55-foot trailer was turned over completely with over \$1500 damage in addition to which signs and trees along the Wasatch front were damaged, while a flat bed carrying a house trailer and two campers was toppled.
Hanksville 10 miles southwest	31	11:52 m	Unk	Unk	0	0	0	0	Tornadoes
									An airline pilot reported three funnel clouds 10 miles southwest of Hanksville. Each funnel cloud stirred up dust indicating that it touched the ground. This area is very remote from any inhabited area and no further information is available.
Vermont Northern and central	18- 20				0	0	5	5	Rain
									Locally heavy rain, with nearly five inches falling on Mt. Mansfield. Local washing and flooding, with several landslides. A large rock and land slide closed Smugglers Notch Road. A slide closed Wt. Route 5A near Willoughby Lake. A dozen families in the Barton-Glover area were marooned when the Barton River flooded. A bridge was swept away in Glover. Some reported the worst flood conditions since 1927. Some power outages from flooded underground cables.
Southern	29	4:30 to 6:00 P.M.			0	0	5	0	Wind, lightning
									Locally severe thundersqualls, with trees and branches falling on utility lines. Some buildings damaged by wind. Scattered lightning damage, including two cows killed in Manchester.
Manchester Village	29	5:05 P.M.	1/2	narrow	0	1	4	0	Tornado
									Trees downed, some roofs and a building damaged. One hurt at golf course when picked up and slammed against a building by associated wind.
Virgin Islands St. Thomas, St. John and St. Croix	5,6				0	0	4	0	Winds, Rain
									A strong line of thunderstorms moved thru the Virgin Islands during the evening of the 5th and early morning of the 6th. Waterspouts were reported south of St. John. Flooding occurred in St. Croix and both telephone and power lines went down. Some stations had over eight inches of rain in 24 hours during what some residents called the biggest rainstorm to hit the island in recent memory.
St. Thomas, St. John and St. Croix	18-19				0	0	2	0	Heavy rain
									Heavy rains struck the Virgin Islands on Monday and Tuesday. Water damaged some merchandise in warehouses. Some roads were flooded and slippery causing accidents.
St. Thomas, St. John and St. Croix	23	afternoon			1	0	4	0	Heavy rains
									Very heavy rains again hit the island on the afternoon of the 23rd with some stations receiving nearly 7 inches in 24 hours. Charlotte Amalie, St. Thomas was under three feet of water in some low areas. One drowning occurred on the island. Truman
Virgin Islands (continued)									Field was closed for air traffic for about 24 hours with nearly a foot of water. National Park areas on St. John were flooded and beach erosion was quite heavy. Christiansted and Frederiksted on St. Croix were also under water in low-lying sections.
Virginia Rockbridge County	31	5:30 P.M.					2		Lightning
									Two youngsters, Janet Ruth and John Mark McGuffin, were struck by lightning and killed while loading hay in a field in the Timberidge section of the county.
Washington Asotin County	2	2110PST							Funnel cloud sited approximately 12 miles west of Lewiston, Idaho.
West Virginia									None reported
Wisconsin Central Counties	27	am			0	0	4	4	Rain
									Heavy thunderstorm rainfall along a warm front caused flashfloods and severe erosion locally from Taylor and Marathon counties southeastward into Portage and Washburn counties.
Price county	28	7:30 p	2	100	0	0	3	0	Tornado
									Small tornado moving from the west damaged a cottage and power lines at Butternut Lake 10 miles north of Park Falls.
Grant County	31	1:00 p	15	50	0	0	3	0	Tornado
									Tornado travelling northeast touched down several places doing only minor damage from near Bagley on the Mississippi River to Mount Hope.
Dane County	31	2:00 p	1	50	0	0	3	0	Tornado
									Brief touchdowns twice near Vilas-Hope Road in Cottage Grove. First sighted as funnel aloft along north shore of Lake Kegonsa.
Washington County	31	3:30 p	4	50	0	0	4	0	Tornado
									Small tornado moving northeastward destroyed several buildings on O'Neil farm at Kilarney and Clare Roads in town of Erin south of Hartford.
Wyoming Casper	15	1:57 p.	?	?	0	0	1	1	Tornado
									A tornado was observed from 1:57 p. to 2:07 p. about 5 miles north of Casper airport, moving east-northeast. It traveled over open prairie, no appreciable damage.
Casper	15	2:10 p.			0	0	*1	c	Hail
									Three-fourths inch hail fell for fifteen minutes at Casper airport.
Moneta	15	Afternoon			0	1	2	0	Lightning
									Lightning killed a horse and injured its rider.
Medicine Bow	15	Afternoon			0	1	2	0	Lightning
									Lightning killed a horse and injured its rider.

- ° 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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