

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

STORM DATA

JUNE 1969
Volume 11 No. 6



Asheville 1969

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Alabama | | | | | | | | | |
| Cherokee County | 9 | Afternoon, Evening | | | 0 | 0 | 3 | 4 | Hail, Wind |
| | | | | | | | | | Hail up to 1 3/4" in diameter destroyed crops in Gaylesville and Friendship Communities. Several homes in Cedar Bluff damaged by high winds. Power lines down in many areas. All property damage due to wind and crop damage to hail. |
| Scottsboro, Jackson County | 10 | Evening | | | | | 5 | | Electrical |
| | | | | | | | | | Lightning struck radio tower and set fire to transmitter building which was destroyed. |
| Lauderdale County | 11 | Afternoon | | | | | 3 | 2 | Hail, Wind |
| | | | | | | | | | Hail up to 1 3/4" in diameter reported east of Florence. Three houses damaged by wind and one unroofed a few miles north of Florence. All crop damage due to hail and property damage to wind. |
| North Central Alabama | 19 | Evening | | | 0 | 2 | 5 | 0 | Wind, Electrical |
| | | | | | | | | | Severe thunderstorms caused scattered damage to trees, houses, buildings and power lines in many areas: Tuscaloosa, Gadsden, Birmingham, Talladega and Anniston. One person injured at Ft. McClellan and one in Shelby County by falling trees. At Montevallo lightning set fire which destroyed warehouse. 75% of damage due to wind and 25% to lightning. |
| Jefferson County | 19 | 7:30pm to 8:00pm | | | | | | | Funnels |
| | | | | | | | | | Several reports of funnel clouds south of Birmingham. No report of touching ground. |
| Central Alabama | 20 | Afternoon | | | | | 5 | | Wind, Electrical, Hail |
| | | | | | | | | | High winds and lightning from scattered thunderstorms caused local damage in many areas, trees uprooted and power lines down. Near Tuscaloosa extensive damage to drive-in theater, near Lafayette a mobile home demolished, at Opelika wall of building under construction blew down, at Montgomery lightning caused fire which destroyed house. 3/4" hail reported in Lamar County. Damage from hail negligible. 75% of damage due to wind and 25% to lightning. |
| Canoe, Escambia County | 20 | 6:00pm | | | | | | | Funnel |
| | | | | | | | | | Reported by public. |
| Mobile County | 21 | 12:20 pm | | | 0 | 0 | 5 | 0 | Wind |
| | | | | | | | | | High winds in Southern portion of County destroyed 5 and damaged 7 mobile homes, damaged several buildings, uprooted trees and felled power lines. |
| Gulf Shores, Baldwin County | 21 | 10:40 am | | | 0 | 0 | 2 | 0 | Waterspout |
| | | | | | | | | | Few trees blown down as waterspout moved inland. |
| Gulf Shores, Baldwin County | 21 | 9:30 am | | | | | | | Waterspout |
| | | | | | | | | | Observed by police. No damage. |
| Alabama Port, Mobile County | 21 | 9:30 am | | | | | | | Waterspout |
| | | | | | | | | | Observed offshore. No damage. |
| Washington County | 29 | 3:55 pm | ? | ? | 0 | 0 | 3 | 0 | Tornado |
| | | | | | | | | | Sighted by State Trooper on Highway 43 between Leroy and Waverlyville. |
| Lacey Springs, Morgan County | 30 | 3:30 pm | | | 0 | 1 | 3 | 0 | Wind |
| | | | | | | | | | Youth injured when wind upset small building. Trailer in area overturned and minor damage to several other buildings in area. |
| Alaska | | | | | | | | | None reported |
| Arizona | | | | | | | | | None reported |
| Arkansas | | | | | | | | | |
| Jennie - Chicot County | 1 | 11:30 p. | | | 1 | 1 | 3 | | Wind |
| | | | | | | | | | Man and wife injured when housetrailer blown over. Man later (June 12th) died. |
| Badora - Chicot County | 1 | 11:30 p. to Midnight | 20 | 800 | | | 4 | 8 | Wind, hail and heavy rain |
| | | | | | | | | | Damage to cotton, soybeans and vegetables in southern one-third county. 7,000-10,000 acres of soybeans hardest hit. Roofs to homes and business buildings damaged in Badora. |
| Warren - Bradley County | 1 | 9:30 p. | | | | | 6 | 4 | Windstorm |
| | | | | | | | | | Housetrailer destroyed with minor injuries to family of six. |
| South-central and southeast Arkansas | 19 | Early morning and afternoon | | | | | | | Hail and wind |
| | | | | | | | | | Three separate hail storms struck a 7 county area from Ouachita County east-southeastward to the southeast corner of Arkansas. Early (1:00-2:00 A.M.) morning wind and hail struck Camden and Bearden with minor damage. Two separate afternoon hail storms, 2:00 and 5:00 P.M., did considerable crop damage in Calhoun, Bradley and Ashley Counties. Minor tree and window damage occurred at Lake Village and Dermott, Chicot Counties. |
| Calhoun, Bradley and Ashley Counties | 19 | 2:00 p. and 5:00 P. | 40 | 10 (mi.) | | | 3 | 8 | Hail |
| | | | | | | | | | Most damaging hail storm was early afternoon in the southern one-third of Bradley County. About 20 percent of a 2-3 million |
| Arkansas (continued) | | | | | | | | | |
| Conway - Faulkner County | 20 | 10:30 a. to 11:00 a. | | | | | | 3 | Lightning |
| | | | | | | | | | Six cattle killed by lightning on Stebensmorgan Road east of Arkansas Children's Colony. |
| Northwest through northeast and east-central Arkansas | 21 | | | | | | | | Wind |
| | | | | | | | | | In a six hour period from noon to 6:00 P.M. a squall line moved from the Missouri border in Benton and Carroll Counties to the Mississippi River at Helena and West Memphis. Major damage was in the northwest section. |
| Harrison - Boone County | 21 | 1:30 p. | | | | | | 8 | Windstorm |
| | | | | | | | | | 10 airplanes damaged. 5 of them a total loss at Boone County Airport. A 170 foot section of a 270 foot tower at KHQZ-AM (Harrison) Radio Station toppled. Also minor damage to trees and power lines. |
| Paragould - Greene County | 23 | 4:30 a. to 5:00 a. | 15 | 1 mile | | | | 4 | Hail |
| | | | | | | | | | Hail up to golf ball size fell on previously rain flooded fields from south of Paragould along the Greene-Craighead County line east-northeastward into Missouri. Most damage was done to cotton. Also farm buildings and trees were damaged. |
| Central and south-west Arkansas | 23 and 24 | | | | | | | | Wind |
| | | | | | | | | | Windstorms struck shortly after sunset and up until an hour after midnight from Conway, Pulaski and Idrone Counties, southwestward to Polk, Sevier, Little River and Miller Counties. |
| Benton - Saline County | 24 | 12:00 mid. to 12:30 a. | | | | | 2 | 4 | Wind |
| | | | | | | | | | Trees, trailers, small buildings and electrical service damaged. 2 persons injured in trailers in vicinity of Benton. |
| Little Rock - Pulaski County | 24 | 12:30 a. to 12:40 a. | 5 | 300 | | | 1 | 5 | Wind |
| | | | | | | | | | Factories, buildings and trees damaged from Sweet Home northward to within 1/2 mile west of Adams Field to eastern North Little Rock. Tile factory unroofed with most damage done to Steak House at 1919 E. Broadway, North Little Rock. One person in Little Rock injured by falling tree. |
| California | | | | | | | | | None reported |
| Colorado | | | | | | | | | |
| Denver-Englewood area | 8 | 2-6PM | | | 0 | 0 | 5 | | Rain, hail |
| | | | | | | | | | Severe hail damaged property, trees and gardens, and heavy rain flooded streets and underpasses throughout the metropolitan area. The heaviest amounts fell in South Denver and Englewood, where unofficial totals of 5 to 6 inches of precipitation were reported, and hail accumulated in some places to 3 or 4 inches on the level and 2 to 3 feet in drifts. Mud, debris and hail carried by the heavy runoff clogged drains and increased the amount of flooding. About 40 cars and a large truck were inundated at an underpass on an interstate highway, and several more were inundated or buried in mud in other areas. A large number of basements were flooded. Streets and highways were heavily damaged in some areas. |
| Boulder and Weld Counties | 10 | 2-4PM | | | | | 5 | 5 | Hail, wind |
| | | | | | | | | | Hail stones 2 to 3 inches in diameter caused extensive damage to buildings and automobiles in an area from northeast of Boulder to Longmont. Hail damaged crops in southern Weld county, the most extensive damage in an area from just east of Kersey to just north of Roggen. Heavy rain and strong winds caused additional damage in some areas. A large trailer truck and a camper were blown over near Roggen. |
| Arapahoe County | 10 | 2-4PM | | | | | 2 | 4 | Hail |
| | | | | | | | | | Hail damaged wheat in eastern Arapahoe County, losses ranging from 25 to 75%. Hail stones walnut to golf ball size were reported in the Byers area. |
| Logan, Phillips, and Yuma Counties | 10 | PM | | | | | | 4 | Hail |
| | | | | | | | | | Hail with high wind damaged crops in an area centered about 10 miles from east to west and 5 miles from north to south, 15 miles southwest of Fleming. Extensive crop damage was reported south of Yuma and some damage in the Paoli area of Phillips County and in northeast corner of Yuma County. |
| Douglas County | 10 | 3:50PM | | | | | | | Funnel Clouds |
| | | | | | | | | | Two funnels were reported near Castle Rock. There was an unconfirmed report of a funnel cloud touching ground in the Palmer Lake area. |

See reference notes at end of table.

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|--|------|---|------------------------|-----------------------|----------------|---------|------------------|-------|--|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Colorado (continued) | | | | | | | | | |
| Arapahoe County | 10 | 4:10PM | | | | | | | Funnel, Hail |
| | | A funnel and 1 inch hailstones were reported 10-20 miles south-east of Denver. 1 3/4" hailstones were reported at 4:20PM 3 miles west of Littleton. | | | | | | | |
| El Paso County | 10 | PM | | | | | | | Funnel Clouds |
| | | A pilot reported a funnel reaching within 2000 feet of the ground 1 1/2 miles south of Colorado Springs at 3:55PM. There was another pilot report of a funnel in the Black Forest area north of Colorado Springs at 5:20PM. | | | | | | | |
| El Paso County | 11 | 9:39AM | | | | | | | Funnel Clouds |
| | | Two funnels were reported 8 miles southwest of Colorado Springs. | | | | | | | |
| Las Animas County | 16 | Evening | | | | | | | Rain |
| | | Heavy rain damaged irrigation ditches and flooded some crops east of Trinidad. | | | | | | | |
| El Paso County | 17 | 7:35PM | | | | | | | Funnel Cloud |
| | | A funnel was reported northeast of Ft. Carson, south of Colorado Springs. | | | | | | | |
| Morgan, Washington, and Yuma Counties | 21 | 5-7PM | | | | | | | Hail |
| | | A severe hail storm started near the eastern border of Morgan County and moved eastward across the northern portions of Washington and Yuma Counties. Sugar beets and other crops were severely damaged in Washington County. There was lighter damage in extreme eastern Morgan County and in the Yuma and Wray areas. | | | | | | | |
| Kit Carson County | 21 | 3:55PM | 3 | less than 100 | | | 2 | | Tornado |
| | | A tornado touched ground about 6 miles north-northwest of Burlington, moved northeast, then southeast, and lifted just north of Burlington. Speed estimated at 10-15 mph. There was minor damage to fences and irrigation pipe. At the same time a funnel cloud was reported east of Burlington near the state border. | | | | | | | |
| Baca County | 23 | Night | | | | | | | Hail |
| | | Hail caused partial to complete loss of wheat, barley and sorghum crops in a wide strip from just northwest of Springfield through the Vilas and Walsh areas to the east. | | | | | | | |
| Prowers County | 23 | Night | | | | | | | Hail, Wind |
| | | High winds blew down large hay storage bins and damaged power lines west of Holly. Hail at about 6PM damaged property, gardens, and crops from Bristol to Holly. One inch diameter hailstones fell near Bristol. Wheat and other crops received up to 100% damage in a strip about 3 miles wide from the Goodale area, about half way between Lemar and Holly, eastward to the state line north of Holly. | | | | | | | |
| Adams County | 23 | 7:37PM | | | | | | | Funnel Clouds |
| | | Three funnels were reported 8 miles northwest of the Denver airport. | | | | | | | |
| Mesa and Delta Counties | 24 | 10:30AM | | | | | | | Rain, Hail |
| | | Heavy rain caused local flooding and rock and mud slides east of Grand Junction. Hail damaged fruit in an irregular pattern over the orchard areas of both counties. | | | | | | | |
| Phillips County | 24 | 3:30PM | | | | | | | Hail |
| | | Hail damaged wheat, corn and sugar beets in northern part of the county in an area extending eastward from about 7 miles northwest of Haxtun. | | | | | | | |
| Boulder | 25 | 10AM-mid PM | | | | | | | Wind |
| | | High winds uprooted trees, overturned mobile homes and caused other property damage. Wind gusts to 70mph were reported in the city area and over 120mph in the exposed Table Mesa area southwest of the city. One man was injured by a falling tree limb. | | | | | | | |
| Connecticut | | | | | | | | | |
| Western sections | 15 | PM | | | 0 | 0 | 4 | 0 | Heavy rain, lightning |
| | | Heavy rain of 2 to 7 inches caused smaller streams to overflow, flooded basements, washed out roadways and some crops, and downed trees. A few power outages resulted. Lightning set several fires. Greatest damage generally occurred in and around Danbury, Fairfield Co. and New Milford and Torrington, Litchfield Co. In New Milford, the weight of the water collapsed a 900 square foot section of a large supermarket roof. | | | | | | | |
| North-central sections | 20 | Eve | | | 0 | 0 | 4 | 4 | Wind, hail |
| | | Severe thunderstorms produced strong winds with gusts estimated at 65 mph. Hail occurred in many places and reached diameters of 3/4 inch in West Hartford, Hartford Co. and 1 1/8 inches in Mansfield, Tolland Co. Several trees were downed and some crops and ornamentals were damaged. | | | | | | | |
| Delaware | | | | | | | | | |
| Milford-Penton Area | 15 | Late Afternoon | | | 0 | 0 | 4 | 0 | Heavy rain |
| | | Intense thunderstorms brought heavy rain and some hail, size not indicated, to this area. The official Weather Bureau observer at Milford reported a rainfall total of 4.41 inches for the day, the station record June one day total, and 4.04 inches between 5:00 and 6:45 PM. An unofficial rainfall total of 5.75 inches was reported at Felton with 4 inches of this occurring in an hour and a half. Three culverts on dirt roads in the Felton-Canterbury area were washed out and other damage to roads was noted. Crop damage was minor. | | | | | | | |
| Florida | | | | | | | | | |
| Key West | 1 | 2:00p | | | | | | | Waterspout |
| Tampa (13 mi SSE) | 1 | 5:00p | | | | | | | Funnel aloft |
| Fort Lauderdale 10 mi E | 2 | 8:01a | | | | | | | Funnel aloft (several) |
| Key West (5 mi SW) | 2 | 11:00a | | | | | | | Waterspout |
| Miami (15 mi SW) | 2 | 11:06a | | | | | | | Funnel aloft |
| Homestead (7 mi SSE) | 2 | 12:03p | | | | | | | Funnel aloft |
| Key West (4 mi SSW) | 2 | 2:37p | | | | | | | Waterspout (2) |
| Key West (6 mi WSW) | 3 | 4:00p | | | | | | | Funnel aloft |
| Vero Beach (24 mi SSE) | 4 | 11:35a | | | | | | | Funnel aloft |
| Tampa (12 mi NE) | 4 | 3:54p | | | | | | | Severe thunderstorm and hail |
| | | Reports indicate hailstones one inch diameter. | | | | | | | |
| Lake City | 4 | afternoon | | | 0 | 0 | 0 | 6 | Severe thunderstorm and hail |
| | | Gusty winds broke large limbs from trees and hailstones up to golf ball size damaged 7,000 acres of crops in a 15 mile area from Fort White to Lake City. Damage to corn, tobacco, pecans, and watermelons estimated from 5-100%. No injuries reported. | | | | | | | |
| Tampa (8 mi NE) | 4 | 4:10p | | | | | | 3 | Tornado |
| | | Hailstones up to one inch and gusty winds were confirmed. Television antennas downed and roofs torn off fruit stands. | | | | | | | |
| Orlando (15 mi SE) | 5 | 3:30p | | | | | | | Funnel aloft |
| Jacksonville (40 mi S) (Belleville) | 5 | 4:00p | | | | | | 3 | Tornado |
| | | One trailer demolished in path of tornado reported by public. No injuries. | | | | | | | |
| Tampa | 5 | 5:58p | | | | | | | Funnel aloft |
| | | Observed over Tampa International Airport. Lasted one minute and retreated into clouds. | | | | | | | |
| Live Oak (10 mi N) Suwannee County | 5 | 6:00p | | | | | | | Tornado |
| | | Tornado cut a path through timber. | | | | | | | |
| Fort Lauderdale (5 mi WSW) | 5 | 7:25p | | | | | | | Funnel aloft |
| Key West | 6 | 6:10a | | | | | | | Waterspouts (2) |
| Tampa (15 mi W) (near Clearwater) | 6 | 9:10a | | | | | | | Waterspout |
| St. Petersburg (3 mi WSW) | 6 | 10:53a | | | | | | | Funnel aloft |
| Tampa (3 mi S) | 6 | 11:50a | | | | | | | Strong, gusty winds and hail |
| | | Hailstones up to 2 3/4 inch reported. | | | | | | | |
| Bradley Junction Polk County | 6 | 1:15p | | | | | | | Tornado |
| | | Reported at junction of highways U.S. 27 and 98. | | | | | | | |
| Homestead (7 mi S) Dade County | 6 | 2:02p | | | | | | | Funnel aloft |
| Lakeland (15 mi S) (near Bradley Jct.) | 6 | 3:00p | | | | | | 2 | Thunderstorm with strong, gusty wind |
| | | Filling station unroofed. Area residents reported seeing a funnel cloud but it appears doubtful a tornado occurred. | | | | | | | |
| Tampa (15 mi E) | 6 | 7:26p | | | | | | | Tornado |
| Tampa | 7 | 8:38p | | | | | | 2 | Heavy thunderstorms and rain, hail, gusty winds. |
| | | Heavy thunderstorms dropped 2 inches of rain in 2 hours on Tampa and flooded streets in low areas. Winds up to 65 mph occurred and power lines were downed. Lightning set one house on fire but rain put it out. Hail up to golf ball size was reported 12 miles SSE of Tampa. | | | | | | | |
| Tampa (18 mi S) | 8 | 5:44p | | | | | | | Hail |
| | | Hail up to 1 inch in diameter reported. | | | | | | | |
| Sarasota Sarasota County | 8 | 6:00p | | | | | | | Funnel aloft |
| Bradenton Manatee County | 8 | 6:05p | | | | | | 3 | Funnel aloft and tornado |
| | | Several unoccupied trailers severely damaged at mobile park at periphery of funnel. No injuries reported. | | | | | | | |

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|---|--------|-----------------------|------------------------|-----------------------|----------------|---------|-------------------------------|-------|---|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Georgia (continued) | | | | | | | | | |
| Southern | 20 | pm | | | 0 | 0 | 0 | 0 | Wind, hail, rain and lightning. |
| | | | | | | | | | Severe thunderstorms caused widespread minor damage in several sections of south Georgia during the afternoon and evening. Trees were uprooted and barns and other small buildings were unroofed in Colquitt County. Corn and tobacco were damaged by 40 mph winds. Power lines were down in the Waycross area where wind gusts reached 52 mph. Marble size hail was reported at Albany and heavy rains caused local flooding. Trees and power lines were blown down in Berrien County. Tifton had marble size hail and some electrical service interruptions. Damage to trees and power lines was reported at Brunswick and Vidosta. A service station was damaged and power lines were downed by wind at Lufkin in west central Georgia. |
| Dawson, Terrell County | 28 | pm | | | 0 | 0 | 4 | 0 | Windstorm |
| | | | | | | | | | Thunderstorm winds damaged the roofs of several buildings in downtown Dawson about mid-afternoon. Trees were uprooted and the wall of an unfinished building was toppled. One and one-half inches of rain fell during the storm. Wind damage was reported in the Macon area later in the same afternoon. A mobile home was blown over and wind gusts reached 52 knots at the Macon Airport. |
| Central Section | 29 | pm | | | 0 | 0 | 5 | 0 | Wind and lightning |
| | | | | | | | | | Severe thunderstorms hit several middle Georgia areas, causing wind lightning damage. A mobile home was overturned at Warner Robins. Several aircraft were damaged at Robins Air Force Base and buildings and equipment also suffered some damage. Electrical service was interrupted at Warner Robins and in parts of Macon. Minor wind damage was reported at Danville, 25 miles ESE of Macon. Lightning struck a cotton warehouse at Nixtan and the resulting fire and water from sprinklers damaged the cotton an estimated \$7,500. Three trees blew over on a building near Sharpsburg, 3 miles east of Nixtan. |
| Hawaii | | | | None reported | | | | | |
| Idaho | | | | | | | | | |
| Boise, Ada County | 8 | 5:15 p.-6:35 p. | | | 0 | 0 | 5 | 2 | Electrical |
| | | | | | | | | | Electrical storms in the southwestern valleys of the state caused fires at Boise which destroyed a 60 by 80-foot warehouse of a steel supply company in the 2900 block of Fletcher Street and a greenhouse in the 4800 block of Richardson Street. The loss of the warehouse occurred at 6:25 p. and included two trucks and building supplies. The fiberglass covering of the greenhouse was destroyed along with 50 percent of the tomato crop being grown. |
| Emmett, Gem County | 8 | about 9:00 p. | | | 0 | 0 | 5 | 0 | Electrical |
| | | | | | | | | | Lightning was blamed for the fire which destroyed the Boise Cascade laminated beam plant at Emmett during a thunderstorm. Loss included plant machinery, equipment, finished orders and a new addition being built on the plant which would have extended it to 285 feet in length. |
| Dixie, Idaho County | 9 | 2:00 p. | 10 | *5 | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | Scattered hail occurred across the mountainous area around Dixie. Hailstones in the Dixie area averaged 1 inch in diameter with largest stones measuring 1 1/2 inches in diameter. The hail covered the ground in places and measured 6 inches deep in drifts. A logger in the area reported one hailstone which measured 3 1/2 by 2 1/2 inches. A loud grinding noise was heard from the clouds before the hail started falling. Damage was limited to a few dented galvanized roofs. |
| Lewiston Area, Nezperce County | 9 | 5:45 p.-6:55 p. | 5 | *5 | 0 | 0 | ? | ? | Wind, rain and hail |
| | | | | | | | | | Severe thunderstorms moving westward across the Lewiston area were accompanied by damaging winds and intense rainfall which broke two 83-year old records. The Lewiston Weather Bureau Office recorded 1.06 inches of rain in 30 minutes and totaled 1.25 inches in one hour while wind up to 44 mph was recorded at 5:59 p. Thirty trees were blown over on the grounds of the Lewiston Golf and Country Club. One residence in the 1800 block of 17th Avenue lost 5 large trees and several smaller ones while a large number of trees and limbs elsewhere in the area were blown down. Some 500 telephone and many electrical outages were reported. A double garage in the 1800 block of 18th Avenue was unroofed and the roof smashed into the old North Idaho Children's Home. Flooding water from Lindsey Creek inundated several buildings and tore through yards and pastures between Main Street and the Orchards. Warner Avenue in the Orchards was also under water between 10th and 16th Streets. Hailstones up to 1/2 inch in diameter pock marked some apples. |
| Centerville Area, Boise County | 9 | 7:00 p. | 7 | ? | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | Hail up to 1 inch in diameter was recorded by the cooperative weather observer at the Centerville Arbaugh Ranch located 22 miles east of Horseshoe Bend. No damage was reported. |
| Idaho Falls 46W, Butte and Bingham Counties | 10 | 3:00 p.-5:20 p. | ? | ? | 0 | 0 | 0 | 0 | Rain |
| | | | | | | | | | Intense rainfall of 1.64 inches fell at the central facilities of the National Reactor Testing Station during the heavy thunderstorm. The initial 30-minute period accounted for 1.05 inches of the total and was accompanied by some hail. This total rainfall is also a new 1-day record for the station during its 20-year record. |
| Idaho (continued) | | | | | | | | | |
| Lewiston 12 ENE, Nezperce County | 10 | 3:35 p. | short narrow | | 0 | 0 | 0 | 0 | Tornado and funnel aloft |
| | | | | | | | | | An Idaho State Trooper and several other persons saw a thin, black tornado touch down in fields along the ridge above the North Fork of the Beall Creek in an area 12 miles east-northeast of the Lewiston Weather Bureau Office. It was watched on the ground for 3 or 4 minutes before it retreated into the clouds. A second funnel lowered from a large, dark storm cell but remained aloft for 2 or 3 minutes before it dissipated. No damage was reported. |
| Castleford Area, Twin Falls County | 19 | about 3:00 p. | 6 | *1 | 0 | 0 | 4 | 3 | Rain and hail |
| | | | | | | | | | Cloudburst rains fell across the Balanced Rock area centered 6 miles west-northwest of Castleford. A preliminary flash flood study by the Soil Conservation Service in the area indicated unofficial rainfall totals of 1.50 to 1.65 inches falling in 40 minutes. The intense rains triggered a small flash flood with water racing down the Balanced Rock Grade and eroding out a ribbon of the highway varying from a foot to a yard wide. It then cut a 40-foot deep gap in the road at Salmon Falls Creek crossing. One resident of the area was met by a 2-foot wall of water traveling down the road. Small hail also accompanied the storm and badly damaged 80 acres of field corn and barley. |
| Gem and Canyon Counties | 20-29 | All days | | | 0 | 0 | 0 | 6 | Rain |
| | | | | | | | | | Gem County cherry growers suffered an approximate \$2 million loss from what had appeared to be a bumper crop until the damaging rains occurred on 4 out of 8 days during the period. The rains kept the cherries too wet to harvest while they were at the proper ripeness for sale as fresh fruit and caused bad splitting as well. Rainfall at Emmett totaled .96 inch during the rainy period. An additional sweet cherry loss of about \$500,000 was also experienced in the Sunny Slope area near Caldwell where daily rains totaled 1.65 inches. Some orchards still had two-thirds of their cherry crop on the trees during the wet spell and most of it was ruined. |
| Glenns Ferry Area, Elmore County | 20 | about 5:30 p. | 4 | *1 | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Dusty wind from the south damaged three large potato cellars on the Sailor Creek development and demolished a empty hangar at the Glenns Ferry Airport. Sheets of metal roofing, measuring 16 feet by 50 feet each were torn from three cellars which measured about 80 feet by 300 feet. The end walls then collapsed and scattered insulation over a wide area. |
| Central Mountains of State | 26-28 | Daily | ? | ? | 0 | 0 | 0 | 0 | Snow |
| | | | | | | | | | Daily rains scattered across most of the state furnished moderate snowfall at elevations generally above 6,000 feet in the Central Mountains and mountain passes along the eastern border of Idaho. Lolo Pass reported 3 inches of snow on the ground and snow depth up to 16 inches were reported on peaks near Mt. Borah. |
| Fruitland Area, Payette County | 26, 27 | daily about 5:00 p. | 4 | *4 | 0 | 0 | 0 | 4 | Hail, wind and rain |
| | | | | | | | | | Thunderstorms moved across the area each day with the accompanying hail measuring up to 1/2 inch in diameter, winds up to 30 mph and light rains causing severe damage to apples and pines. Greatest damage was reported at Orchards about 2 1/2 miles south of Fruitland. |
| Illinois | | | | | | | | | |
| Carlyle Reservoir | 1 | 12:15p | | | 0 | 5 | 4 | 0 | Wind |
| | | | | | | | | | Three boats were sunk and several camping trailers and a tent damaged during severe thunderstorm. One woman remained in hospital, four persons treated and released. |
| Chicago area | 4 | 3:30p-9p | | | | | | | Funnel clouds |
| | | | | | | | | | Numerous funnel clouds reported during late afternoon and evening. |
| DuPage County | 4 | 8:30p | | | | | ? | ? | Hail |
| | | | | | | | | | 1" hail reported near Lisle. Also 3/4" at Elgin at 8:40p. |
| LaSalle County | 7 | 9:45p | | | 0 | 0 | 4 | 0 | Wind, rain, hail |
| | | | | | | | | | Heavy rain, high wind damaged trees, utility lines and roofs at Mendota with hail also reported as same storm evidently moved south of Joliet about 11:10p.m. |
| Lake County | 19 | 10:17p | | | 0 | 0 | ? | 0 | Hail |
| | | | | | | | | | 1" hail reported at Naval Glenview 10:17p-10:30p. |
| West Central Illinois | 22 | 11:45a-1:35p | | | 0 | 0 | 4 | °C | Funnel clouds, wind, lightning |
| | | | | | | | | | Wind and lightning damage to trees, power lines and antennas. Numerous funnel clouds reported. |
| Southern Illinois | 22 | 7:30p-10:35p | | | 0 | 0 | 4 | °C | Funnel clouds, wind and hail |
| | | | | | | | | | Damaging winds and some hail from St. Clair Co. south. Several funnel clouds reported. |
| Jackson County | 22 | 9:30p | | | | | ? | ? | Hail |
| | | | | | | | | | Hail 1 1/4" diameter reported in southern Jackson County. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Illinois (continued) | | | | | | | | | |
| Shelby County | 24 | 1:25p | short | narrow | 0 | 0 | 3 | 0 | Tornado |
| | | | | | | | | | Damage to corner of a barn. Funnel cloud reported by sheriff. SPI WBO. |
| Northern Illinois | 25 | 4:30p-8p | | | 1 | 0 | 5 | °C | Wind, lightning, heavy rain, funnels |
| | | | | | | | | | Numerous funnel clouds reported, mostly in northeast as winds and heavy rains damaged trees, roofs, and utility lines. Local flooding from heavy rain. |
| Northeast Illinois | 26-27 | 11:55p-3:30a | | | 0 | 0 | 5 | °C | Wind, funnel clouds |
| | | | | | | | | | Wind damage to trees, power lines and roofs over wide area. Hangar and several planes badly damaged at DuPage County airport. Funnel clouds reported. |
| Central & Southern | 28 | 6p-11:30p | | | 0 | 0 | 5 | °C | Wind, funnels |
| | | | | | | | | | Several funnel clouds reported over central Illinois from west to east borders 6 p.m. to 9:30 p.m. and in southern Illinois from 10 p.m. to 11:30 p.m. Considerably scattered wind damage. Especially heavy at Mt. Vernon. |
| Northeast Illinois | 29 | 10p-11p | | | 0 | 2 | 4 | 0 | Wind, hail, heavy rain |
| | | | | | | | | | High winds unroofed apartment building and did other damage. Local flooding. Hail to 2" diameter in Barrington-Northfield-Northbrook areas. |
| Will County | 30 | 00:20a | short | narrow | 0 | 0 | 5 | 0 | Tornado |
| | | | | | | | | | Possible tornado hit Joliet Airport and severely damaged several airplanes and a hangar. CHI WBFO. |
| North and Central | 30 | 00:00 - noon | | | 0 | 0 | 5 | °C | Heavy rain, wind |
| | | | | | | | | | Heavy damage from flash flooding and wind. Some of heaviest damage in Lincoln area where 4" fell in 2 1/2 hours and more than 5" in 12 hours. |
| Indiana | | | | | | | | | |
| Terhune (Boone County) | 1 | E.S.T. 6:00a. | ? | ? | 0 | 0 | 3 | 3 | Wind, hail |
| Ekin (Hamilton County) | | | | | | | | | Barr deroofed. Gardens, crops, trees damaged by hail and wind between Terhune and Ekin. |
| Goshen (Elkhart County) | 4 | About 4:00p. | | | | | | | Funnel cloud |
| Gary, 15 mi. NE (Porter County) | 4 | 6:43p. | | | | | | | Funnel cloud |
| | | | | | | | | | Pilot reported funnel. |
| South Bend, 10 mi. ENE | 4 | 8:18p. | | | | | | | Funnel clouds |
| | | | | | | | | | Eastward movement. |
| Griffith and Schererville (Lake County) | 4 | 11:00p.-5 early a. | ? | ? | 0 | 0 | 4 | 3 | Lightning, wind, hail, funnel |
| | | | | | | | | | Two homes at Griffith damaged by lightning with \$15,000 loss. Electric power at Schererville damaged by lightning. Some wind and hail damage. Funnel cloud sighted. |
| Goshen (Elkhart County) | 5 | ? | | | | | | | Funnel cloud |
| | | | | | | | | | Funnel reported by weather observer. |
| Richmond Area (Franklin, Fayette and Wayne Counties) | 12 | 12:30p.-1:30p. | ? | ? | 0 | 1 | 4 | 0 | Lightning, wind |
| | | | | | | | | | Boy knocked unconscious by lightning while talking on telephone. Strong winds which came shortly after noon and again about midnight blew trees on cars and homes. |
| Southeastern Marion County | 12 | Early afternoon | ? | ? | 0 | 0 | 3 | ? | Wind |
| | | | | | | | | | Some roof and tree damage. |
| Evansville | 12 | 2:10p. | Short | Narrow | 0 | 0 | 2 | 0 | Hail |
| | | | | | | | | | Windows broken in airport tower by 1-inch diameter hail. |
| Columbus area (Bartholomew County) | 12 | 4:01p. | ? | ? | 0 | 0 | 3 | 2 | Wind |
| | | | | | | | | | Strong wind caused scattered damage in county. |
| South Bend | 12 | 5:02p. | ? | ? | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Scattered reports of power failure and tree damage in large area of St. Joseph County. |
| Evansville, near | 12 | 10:12p. | ? | ? | 0 | 0 | 4 | 4 | Wind, funnel cloud |
| | | | | | | | | | Wind damage to crops, trees and power lines in large area. Funnel cloud reported NW of city. |
| Scottsburg (Scott County) | 20 | Afternoon | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Barn and contents, including boat, destroyed by fire south of Scottsburg when struck by lightning. |
| Bedford area (Lawrence County) | 22 | Afternoon | ? | ? | 0 | 0 | ? | ? | Funnel clouds (2), wind |
| | | | | | | | | | Trees uprooted or broken by wind. |
| Indiana (continued) | | | | | | | | | |
| Daviess County | 22 | Late afternoon | ? | ? | 0 | 0 | 3 | 0 | Wind |
| | | | | | | | | | Storm caused roof damage and power failures at Washington, moved two buildings from foundations in Alfordsville and damaged a barn an estimated \$1,000 at Edwardsport. |
| Boone County | 22 | Late Afternoon | ? | ? | 0 | 0 | 3 | 5 | Hail, lightning, wind |
| | | | | | | | | | In Lebanon, two separate storms occurred in afternoon and evening. Power failure resulted when lightning struck two substations and streets were blocked by downed trees. In Zionsville, quarter-size hail was reported. Soybean crop loss was estimated at 75% in Fayette area when stripped by hail and wind. |
| Hamilton and Hancock Counties | 22 | 7:00p-8:00p. | ? | ? | 0 | 0 | ? | 5 | Wind, hail |
| | | | | | | | | | Four square mile area of crops damaged or destroyed in Fortville area. |
| Mt. Vernon (Posey County) | 22 | 9:15p. | | | | | | | Funnel cloud |
| Putnam County | 22 | About 10:00p. | | | | | | | Funnel clouds(2) |
| | | | | | | | | | Funnel cloud reported at Greencastle and at Putnamville. |
| Southwestern and south central Indiana | 22 | About 10:00p.-11:00p. | ? | ? | 0 | 0 | 5 | 4 | Lightning, wind |
| | | | | | | | | | South of Orleans, a barn filled with hay was destroyed when struck by lightning. Near Millersburg and Hardingsburg housetrainers were overturned. In Paoli minor house damage resulted from falling trees. In northeast Orange County a car and truck were damaged by a falling tree. Microwave tower blown down knocking broadcasting station off air in Scottsburg. All electric power off for several hours at Salem. Two planes extensively damaged at Salem Airport. Another plane destroyed at airport on SR 60. West of Salem a barn was moved from foundation. Housetrailer in area overturned. Also at Terre Haute damaging winds reported during this period. |
| South Bend | 22 | 11:30p. | | | 0 | 2 | 4 | 0 | Lightning |
| | | | | | | | | | Two children hospitalized for burns received when lightning struck their home. Damage to house \$8,000. |
| Seymour (Jackson County) | 23 | 1:05a. | | | | | | | Funnel cloud |
| Rossville, 2 mi. S. (Clinton County) | 25 | ? | | | 1 | 0 | 0 | 0 | Lightning |
| | | | | | | | | | Woman killed by lightning while talking on telephone. |
| Evansville area | 29 | About 1:00a.-1:30a. | ? | ? | 0 | 0 | 4 | 2 | Funnels (2), wind |
| | | | | | | | | | Funnel cloud sighted 15 miles NW of Airport and another ES of City. Power failures kept some parts of city and surrounding areas without electricity for 36 hours resulting in heavy frozen food loss. |
| Plymouth area (Marshall County) | 30 | 10:15a. | Short | Narrow | 0 | 0 | 4 | 0 | Tornado, wind |
| | | | | | | | | | Damage to drive-in theater estimated at \$25,000. Clubhouse also damaged. One mobile home blown off highway and some cars damaged by falling trees. |
| South Bend | 30 | 11:30a. | Short | Narrow | 0 | 0 | 4 | 0 | Tornado |
| | | | | | | | | | Tree limb was driven through roof of home. Other homes in area damaged. |
| Iowa | | | | | | | | | |
| Sioux City, Woodbury County | 4 | 1:06 a | | | | | 4 | 4 | Windstorm |
| | | | | | | | | | Temperature rose rapidly to 94° F. |
| Rowley, Buchanan County | 4 | 12:45 p | | | | | | | Funnel cloud |
| BNE Traer, Tama County | 4 | 12:50 p | | | | | | | Funnel cloud |
| SW Delaware Co. | 4 | 1:10 p | | | | | | | Funnel cloud |
| Grinnell, Poweshiek County | 4 | 1:30 p | | | | | | | Funnel cloud |
| 30NB Cedar Rapids, Linn County | 4 | 1:45 p | | | | | 4 | 4 | Hailstorm |
| | | | | | | | | | 1 inch hail. |
| 15N Dubuque, Dubuque County | 4 | 2:00 p | | | | | | | Funnel clouds |
| | | | | | | | | | Three funnel clouds sighted in area. |
| Dubuque, Dubuque County | 4 | 2:05 p | | | | | 4 | | Hailstorm |
| | | | | | | | | | 3/4 inch hail. |
| Sherrill, Dubuque County | 4 | 2:15 p | | | | | | | Tornado |
| | | | | | | | | | Brief touchdown. |
| Pella, Marion County | 4 | 2:45 p | 1 | 200 | | | 4 | 4 | Tornado |
| Des Moines, Polk County | 4 | 3:00 p | | | | | 4 | 4 | Windstorm |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1969

| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED DAMAGE | | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED DAMAGE | | CHARACTER OF STORM | | |
|---|-------|-----------------------|------------------------|-----------------------|----------------|---------|------------------|-------|--------------------|--|------|-----------------------|------------------------|-----------------------|----------------|---------|------------------|-------|--------------------|---------------|--------------|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | | | | | | | KILLED | INJURED | PROPERTY | CROPS | | | |
| Iowa (continued) | | | | | | | | | | Iowa (continued) | | | | | | | | | | | |
| Wayne County | 4 | 4:00 p | | | | | 4 | 4 | Windstorm | Story County | 26 | 10:30 a | | | | | | | | Funnel cloud | |
| Zearing, Story County | 4 | 5:38 p | | | | | 4 | 4 | Hailstorm | Polk County | 26 | 10:45 a | | | | | | | | Funnel clouds | |
| Gilman, Marshall County | 6 | 6:30 p | | | | | 4 | 4 | Tornado | Two funnels, one 15SW Des Moines, another near Grimes. | | | | | | | | | | | |
| Gilman, Marshall County | 6 | 6:30 p | | | | | 5 | 5 | Windstorm | SE Eldora, Hardin County | 26 | 11:43 a | | | | | | | | Funnel cloud | |
| \$50,000 losses, about 40% hail loss. | | | | | | | | | | 6NW Red Oak, Montgomery County | 26 | 12:50 p | | | | | | | | | Funnel cloud |
| Centerpoint, Linn County | 6 | 7:00 p | | | | | 4 | | Lightning | Montgomery County | 26 | 12:50 p | | | | | 4 | 4 | Windstorm | | |
| Coralville, Johnson County | 6 | 8:00 p | | | | | 4 | 4 | Windstorm | Atlantic, Cass County | 26 | 1:00 p | | | | | 5 | 5 | Hailstorm | | |
| Gusts to 70 mph. | | | | | | | | | | 40% damage by wind. | | | | | | | | | | | |
| Oskaloosa, Mahaska County | 6 | 8:14 p | | | | | 4 | 4 | Hailstorm | Paton, Greene County | 26 | 1:05 p | | | | 1 | 4 | 4 | Windstorm | | |
| 1 1/2 inch hail. | | | | | | | | | | Unconfirmed tornado. | | | | | | | | | | | |
| 2SE Burlington, Des Moines County | 6 | 9:17 p | | | | | | | Funnel cloud | Otho, Webster County | 26 | 1:20 p | | | | | | | | Funnel clouds | |
| Moved into Illinois just south of Burlington. | | | | | | | | | | Two funnels. 2nd sighting near Duncombe at 1:56 p. | | | | | | | | | | | |
| 4S Marshalltown, Marshall County | 6 | 10:50 p | | | | | 4 | | Tornado | SW of Boone, Boone County | 26 | 2:15 p | | | | | | | | Funnel cloud | |
| Small tornado moved east. | | | | | | | | | | | | | | | | | | | | | |
| 8NE Rock Rapids, Lyon County | 10 | 9:30 p | | | | | 4 | | Lightning | 4SE Mason City, Cerro Gordo Co. | 26 | 2:24 p | | | | | | | | Funnel cloud | |
| Union, Clarke & Decatur Counties | 11 | 7:00 p | 30 | 12000 | | | 5 | 4 | Windstorm | 4SW Mason City, Cerro Gordo Co. | 26 | 2:27 p | | | | | | | | Funnel cloud | |
| \$200,000 losses. | | | | | | | | | | | | | | | | | | | | | |
| Winterset, Madison County | 11 | 7:08 p | | | | | 4 | 4 | Hailstorm | SW Cerro Gordo County | 26 | 2:30 p | | | | | 4 | 4 | Windstorm | | |
| 3/4 inch hail. | | | | | | | | | | \$25,000 property loss near Swaledale. | | | | | | | | | | | |
| Bedford, Taylor County | 11 | 7:15 p | | | | | 4 | 4 | Hailstorm | Portland, Cerro Gordo County | 26 | 2:30 p | | | | | 4 | 4 | Windstorm | | |
| Marengo, Iowa County | 11 | 7:20 p | | | | | 4 | 4 | Windstorm | Rudd, Floyd Co. | 26 | 2:30 p | | | | | 4 | 4 | Windstorm | | |
| Des Moines, Polk County | 11 | 7:34 p | | | | | 5 | 4 | Windstorm | Unconfirmed tornado. | | | | | | | | | | | |
| 1/2 inch hail, winds to 65 mph. | | | | | | | | | | Latimer, Franklin County | 26 | 2:40 p | 2 | 200 | | | | 4 | 4 | Tornado | |
| Gilman, Marshall County | 11 | 8:15 p | 1 | 100 | | | 4 | | Tornado | Automobile carried along road 30 yards. | | | | | | | | | | | |
| Intermittant path. | | | | | | | | | | Nevada, Story County | 26 | 3:00 p | | | | | | | | | Funnel cloud |
| Gilman, Marshall County | 11 | 8:20 p | | | | 2 | 5 | 5 | Windstorm | Ames, Story Co. | 26 | 3:15 p | | | | | 4 | | Windstorm | | |
| Also 2 inch hail. | | | | | | | | | | Unconfirmed tornado. | | | | | | | | | | | |
| Tama County | 11 | 8:45 p | | | | | 5 | | Windstorm | Mitchell County | 26 | 3:20 p | 1 | 200 | | | 4 | 4 | Tornado | | |
| 8N Leon, Decatur County | 11 | 10:04 p | | | | | | | Funnel cloud | NW of Indianola, Warren County | 26 | 3:44 p | | | | | | | | Funnel cloud | |
| 1SE Indianola, Warren County | 11 | 10:42 p | | | | 1 | 4 | 4 | Windstorm | Dubuque, Dubuque County | 26 | 4:00 p | | | | 1 | | | Lightning | | |
| Davis County | 12 | 1:45 a | | | | | | | Funnel clouds | Traer, Tama County | 26 | 4:54 p | | | | | | | | Funnel cloud | |
| One funnel 10W Bloomfield & one 5E Bloomfield. | | | | | | | | | | | | | | | | | | | | | |
| Near Walnut, Pottawattamie Co. | 22 | Noon | | | | | | | Funnel cloud | Udell, Appanoose County | 26 | 4:56 p | | | | | | | | Funnel cloud | |
| Fairfield, Jefferson County | 22 | 12:05 p | | | | | | | Funnel cloud | Evansdale, Black Hawk County | 26 | 5:30 p | | | | | | | | Funnel cloud | |
| Moved north. | | | | | | | | | | | | | | | | | | | | | |
| Near Audubon, Audubon County | 22 | 12:30 p | | | | | | | Funnel cloud | Des Moines, Polk | 26 | 5:43 p | | | | 3 | 5 | 4 | Windstorm | | |
| 1W Indianola, | 22 | 3:40 p | | | | | 4 | 4 | Tornado | Winds to 73 mph. | | | | | | | | | | | |
| 3NW Indianola, Warren County | 22 | 3:35 p | | | | | | | Tornado | Iowa City, Johnson County | 26 | 6:52 p | | | | | | | | Funnel cloud | |
| Touched ground 3 times - no damage. | | | | | | | | | | | | | | | | | | | | | |
| 10W Marshalltown, Marshall County | 22 | 4:25 p | 1 | 200 | | | 4 | 4 | Tornado | Iowa City, Johnson County | 26 | 7:25 p | | | | | | | | Funnel cloud | |
| 5SW Waukege, Dallas County | 22 | 5:00 p | | | | | | | Funnel cloud | Olin, Jones Co. | 26 | 7:50 p | | | | | | | | Funnel cloud | |
| 2W Morrison, Grundy County | 22 | 7:45 p | | | | | | | Funnel cloud | 2S Bloomfield, Davis County | 26 | 8:30 p | | | | | | | | Funnel cloud | |
| Cherokee & Buena Vista Counties | 25 | 5:00 a | | | | | 5 | 5 | Heavy rains | Bellevue, Jackson County | 26 | 9:00 p | | | | | | | | Tornado | |
| Cherokee flooded, roads and crops washed out. Flooding in Storm Lake. | | | | | | | | | | Auto carried aloft along road. | | | | | | | | | | | |
| LeMars, Plymouth County | 25 | 1:00 p | | | | | 4 | 4 | Windstorm | Croton, Lee Co. | 26 | 10:05 p | | | | | 4 | | Windstorm | | |
| Chickasaw County | 25-26 | | | | | | 5 | 5 | Heavy rains | Unconfirmed tornado. | | | | | | | | | | | |
| \$100,000 road damage. | | | | | | | | | | 28 10:30 a - Violent thunderstorms began 10:30 a - in Monona Co. with wind damage. Thunderstorms spread southeastward. | | | | | | | | | | | |
| Clarinda, Page County | 26 | 3:00 a | | | | | 4 | 4 | Windstorm | 11:00 a - extensive hailstorm with 60 to 100% crop losses in Moorhead, Dunlap and Defiance area. | | | | | | | | | | | |
| Delaware County | 26 | 8:30 a | 30 | 300 | | | 5 | 4 | Tornado | 11:00 a - violent windstorms in Shelby, Carroll and Crawford Counties. Damage in excess of three million dollars. Winds to 90 mph. at Denison. | | | | | | | | | | | |
| Moved NE, several touchdowns. Damage at 3W Ryan, east of Manchester and Colesburg area. | | | | | | | | | | 2:00 p - severe and damaging thunderstorms SW & SC Iowa. | | | | | | | | | | | |
| Waverly, Bremer County | 26 | 8:35 a | | | | | | | Funnel cloud | 3:00 p - extensive damage in Albia, 4 persons injured. Winds to 90 mph. | | | | | | | | | | | |
| 8SW Stuart, Adair County | 26 | 9:55 a | | | | | | | Funnel cloud | | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1969

| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED DAMAGE | | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED DAMAGE | | CHARACTER OF STORM | |
|---|------|-----------------------|------------------------|-----------------------|----------------|---|------------------|-------|--------------------|--|--|-----------------------|------------------------|-----------------------|----------------|---------|------------------|-------|--|--------------------------------|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | | | | | | | KILLED | INJURED | PROPERTY | CROPS | | |
| Iowa (continued) | | 3:30 p | | | | three persons injured at Ottumwa in heavy squall. | | | | Iowa (continued) | | 5:50 p | | | | | | | Funnel clouds | |
| | | 5:15 p | | | | last reported severe thunderstorms in SE Iowa, one person injured at Middleton. Des Moines County winds to 70 mph. Heavy hail losses scattered over SE. | | | | Between Des Moines & Ankeny, Polk Co. | 29 | 5:50 p | | | | | | | Funnel clouds | |
| | | | | | | Hail and wind losses on 28th about 50% each. | | | | N Poweshiek Co. | 29 | 6:25 p | 1 | 250 | | | 4 | | Tornado | |
| 4S Vail, Crawford County | 28 | 11:00 a | 4 | 200 | | | 5 | 4 | Tornado | Dubuque County | 29 | 6:30 p | | | | | | | Funnel cloud | |
| Audubon, Audubon County | 28 | 12:05 p | | | | | | | Funnel cloud | Poweshiek County | 29 | 6:45 p | 15 | 250 | | | 5 | 5 | Tornado | |
| Breda, Carroll | 28 | 12:30 p | | | | | | | Funnel cloud | Intermittant path Brooklyn & north of Montezuma. | | | | | | | | | | |
| Hancock, Pottawattamie County | 28 | 12:45 p | | | | | | | Funnel clouds | Farley, Dubuque County | 29 | 7:12 p | | | | | 4 | 4 | Tornado | |
| S Guthrie County | 28 | 1:00 p | | | | | | | Funnel cloud | Dubuque County | 29 | 7:15 p | | | | | | | Funnel clouds | |
| New Virginia, Warren County | 28 | 1:58 p | | | | | | | Funnel cloud | Dubuque County | 29 | 7:35 p | | | | | 4 | 4 | Windstorm | |
| SW Guthrie County | 28 | 2:20 p | | | | | | | Funnel cloud | Grinnell, Poweshiek County | 29 | 9:00 p | | | | | 5 | 5 | Windstorm | |
| N Guthrie County | 28 | 2:20 p | | | | | | | Funnel cloud | Ottumwa, Wapello County | 29 | 9:35 p | | | | | | | Funnel cloud | |
| Arispe, Union Co. | 28 | 2:28 p | | | | | | | Funnel cloud | Yarmouth, Des Moines County | 29 | 10:00 | | | | | | | Funnel cloud | |
| Earlham, Madison County | 28 | 3:00 p | | | | | | | Funnel clouds | N of Montezuma, Poweshiek County | 29 | 10:05 p | | | | | | | Funnel cloud | |
| NW Albia, Monroe County | 28 | 3:10 p | | | | | | | Funnel cloud | Ottumwa, Wapello County | 29 | 10:30 p | | | | 1 | 4 | 4 | Windstorm | |
| NE Lee County | 28 | 5:50 p | | | | | | | Funnel cloud | Fort Madison, Lee County | 29 | 11:00 p | | | | | 5 | 4 | 4 | Windstorm |
| Dickinson County | 28 | 10:08 p | | | | | | | Funnel clouds | Churdan, Greene County | 30 | 1:00 p | | | | | | | Funnel clouds | |
| Osceola County | 28 | 10:25 p | | | | | | | Funnel clouds | Gowrie, Webster County | 30 | 1:00 p | | | | | | | Funnel cloud | |
| Forest City-Garner area, Hancock & Winnebago Counties | 28 | 11:20 p | | | | | | | Funnel clouds | Dana & Grand Junction, Greene County | 30 | 1:10 p | | | | | | | Funnel clouds | |
| Rockwell, Cerro Gordo County | 29 | 2:30 a | | | 1 | 1 | | 4 | Lightning | Webster County | 30 | 1:10 p | | | | | | | Funnel clouds | |
| 1N Fernald, Story County | 29 | 3:00 p | | | | | | 5 | 6 | Hailstorm | Boone County | 30 | 1:35 p | | | | | | Funnel clouds | |
| SE of Belmont, Wright County | 29 | 3:15 p | | | | | | | Funnel clouds | Two funnels, Ogden and Jordan areas. | Story County | 30 | 2:00 p | | | | | | Funnel clouds | |
| Mason City, Cerro Gordo County | 29 | 4:00 p | | | 1 | | | 5 | 5 | Heavy rains | Clear Lake Cerro Gordo Co. | 30 | 3:00 p | | | | | | Funnel cloud | |
| Boone, Boone County | 29 | 4:30 p | | | | | | 4 | 5 | Hailstorm | Kansas | 7 | evening | ? | ? | 0 | 0 | 4 | 5 | Hail |
| 8E Boone, Boone County | 29 | 4:47 p | | | | | | 4 | 4 | Tornado | Kiowa County | | | | | | | | Hail up to about 1 1/2 in. diameter damaged crops and buildings in the Haviland area. Worst hail was in a 2 mile radius from Haviland. | |
| S Boone County | 29 | 4:50 p | | | | | | | Funnel clouds | Central, East Central portions | 10-11 | night of 10-11 | | | 0 | 0 | 4 | 4 | Wind | |
| Ames, Story Co. | 29 | 5:00 p | | | | | | 5 | | Tornado | | | | | | | | | Damaging winds occurred from Barton, Stafford, and Rice Counties NE through Saline, Dickinson, Geary, Wabaussee, and Shawnee Counties. Heaviest property damage was to power lines. Principal crop damage was in Barton County. | |
| Jewell, Hamilton County | 29 | 5:15 p | | | | | | | Funnel cloud | Sedgwick County | 11 | 6:10 p. CST | | | | | | | Funnel aloft | |
| Ames, Story Co. | 29 | 5:15 p | | | | | | | Funnel clouds | | | | | | | | | | Funnel aloft about 10 miles west of Andale, moving NE. | |
| Gilbert, Story County | 29 | 5:15 p | | | | | | 4 | 4 | Hailstorm | McPherson County and Northeast one-fourth of State | 11 | afternoon, evening | | | 0 | 0 | 6 | 6 | Hail, wind, rain, funnel aloft |
| Strawberry Point, Clayton County | 29 | 5:22 p | | | | | | | Funnel cloud | | | | | | | | | | Hail and high winds damaged crops and property over portions of the area from McPherson, Cloud, Dickinson and Morris Counties northeast to Brown and Doniphan Counties. Largest stones were about 2 1/2" diameter south of Metawaka, south of Clyde, and in the Canton area. Torrential rains in the Herrington-Woodbine-Siddy area caused flooding of thousands of acres of crop land on Lyons Creek and Clark Creek south and east of Junction City. Portions of Lavenworth County were damaged by high winds. A funnel aloft occurred 1 mi. N. of Troy at 8:20 p. | |
| E of Nevada, Story County | 29 | 5:30 | | | | | | | Funnel clouds | Eastern one-half | 12 | early a.m. | | | 0 | 0 | 4 | 0 | Lightning | |
| Marshalltown, Marshall County | 29 | 5:30 p | | | | | | | Funnel clouds | | | | | | | | | | Lightning caused damage at scattered locations. Heaviest damage was to a residence at Wichita. | |
| Dyersville, Dubuque County | 29 | 5:30 p | | | | | | | Funnel cloud | Morris County | 17 | 4:00-4:30 p. | 7 | 25-50 | 0 | 6 | 5 | 0 | Tornado | |
| Clayton County | 29 | 5:30 p | | | | | | | Funnel cloud | | | | | | | | | | Tornado, on the ground intermittently, moved at about 15 m.p.h. from 1 mile west of Council Grove Lake on a NE and ENE course to 1 mile NE of Council Grove Dam and Reservoir. Damage was estimated at about \$100,000. | |
| 6W, Alden, Hardin County | 29 | 5:33 p | | | | | | | Funnel cloud | | | | | | | | | | | |
| 2N Dubuque, Dubuque County | 29 | 5:35 p | | | | | | | Funnel cloud | | | | | | | | | | | |
| Colesburg, Delaware County | 29 | 5:35 p | | | | | | | Funnel cloud | | | | | | | | | | | |
| SE Mason City, Cerro Gordo County | 29 | 5:40 p | | | | | | | Funnel cloud | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) | | | | | | | | | | |
| Eastern one-third | 21 | morning | | | 0 | 0 | 5 | 4 | Wind, lightning | |
| | | | | | | | | | Principal wind and lightning damage was to power lines in Cherokee, Crawford and Wyandotte Counties. Scattered lightning damage occurred in Coffey, Montgomery, Wilson and Labette Counties. | |
| Sedgwick County | 21 | 8:40 a. | ? | ? | 0 | 0 | 2 | 0 | Hail | |
| | | | | | | | | | Hail, 1/2" to 3/4" in diameter, fell at Wichita. | |
| Western one-third | 21 | afternoon | ? | ? | 0 | 0 | 4 | 5 | Hail, lightning evening | |
| | | | | | | | | | Hail damage occurred in Cheyenne, Finney, Scott and Sherman Counties. Jagged stones up to 5 or 6 inches in diameter were reported locally in Scott and northern Finney Counties about 5:00 p. Hail up to 2" diameter occurred 10 mi. ENE of Goodland before 8:50 p. (MST). | |
| Saline County | 21 | about 10:40 p. | 2 | 50-150 | 0 | 60 | 7 | 0 | Tornado | |
| | | | | | | | | | Tornado, moving to ESE, first touched down in SW part of Salina. Major damage or destruction occurred to 104 homes and 571 others were slightly damaged. Seven business structures were destroyed. Total damage was estimated at \$10 million. | |
| Central, East Central, and NE one-fourth | 21-22 | night of 21-22 | | | 0 | 56 | 6 | 5 | Wind, hail, lightning | |
| | | | | | | | | | A very severe wind storm, which began in the Barton-Ellsworth-Rice County area, moved eastward through Saline, McPherson, Dickinson, Geary, Morris, Wabaussee, and Shawnee Counties, injuring 56 persons. Wind gusts were measured at 104 m.p.h. (unofficial) at Kanopolis Dam at about 10:40 p. Heavy damage was reported at Kanopolis Dam, Lindsborg, Balina, Woodbine, White City, Dwight, Alta Vista, Enterprise, Herington, Lake Wabaussee, and Topeka. Principal hail damage was in Central and North Central Kansas; hail 2 1/2" diameter occurred north of Clarlin. Scattered hail and lightning damage occurred over east central and northeast Kansas. | |
| Sedgwick County | 23 | 4:00-4:28 p. | 12 | 3/4-1/2 | 0 | 6 | 5 | 4 | Tornado | |
| | | | | | | | | | Tornado began about 12 mi. W of Wichita Municipal Airport and moved eastward and then southeastward, ending about 5 miles SW of the Airport. Forward speed was about 25 m.p.h. Several farm homes were destroyed or badly damaged. | |
| East Central, Southern one-third | 23 | afternoon, evening | | | 0 | 1 | 5 | 6 | Hail, wind, rain, lightning; 2 funnels aloft | |
| | | | | | | | | | Damage was reported over portions of east central Kansas and much of the area from Ford and Clark Counties eastward to the Missouri line. Largest hail was about 3 1/2" diameter at Towanda; hail up to 2 1/2" in diameter occurred locally in Clark County. Severe flooding was reported on Rock Creek and Tequa Creek in southeast Osage County. Lightning injured a man at Wichita. Funnels aloft were reported as follows: 16 mi. E of Wichita at 3:15 p. and 5 mi. NW of Neodesha at 7:00 p. | |
| Hamilton, Stanton, Grant, Stevens Counties | 23-24 | night of 23-24 | ? | ? | 0 | 0 | 5 | 6 | Hail, wind, rain | |
| | | | | | | | | | Severe hail, accompanied by rain and strong winds, heavily damaged crops and property. Largest stones were about 1" in diameter. | |
| Trego, Graham, Norton Counties | 24 | began about 7:15 p. | 42 | 3/4-1/2 | 0 | 0 | 4 | 4 | Tornado | |
| | | | | | | | | | Tornado, on the ground intermittently, touched down 5 mi. NE of Collyer and moved NNE to just east of Edmond. The house and all buildings were destroyed at a farm 6 miles SSE of Penokee at 7:45 p. | |
| Kingman County and western one-half of State | 24 | afternoon, evening | | | 0 | 0 | 5 | 6 | Hail, wind, 2 funnels aloft | |
| | | | | | | | | | Damaging hail fell in Ellis, Barton, Ford, Pratt, and Kingman Counties; largest stones were about 2 1/2" diameter in the Ellinwood area. Wind damage occurred in Graham County about 7:00-8:00 p.m. Funnels aloft were reported as follows: 1/2 mi. S. of Hays at 7:18 p.; 5 to 10 mi. N of Wakeeney at 7:34 p., moving to 8 mi. S of Hill City at 7:45 p. | |
| South Central | 25 | morning | | | 0 | 0 | 3 | 3 | Hail | |
| | | | | | | | | | Hail up to 3/4" diameter occurred at Pratt about 4:15 a.m. and 5 mi. S of Kingman at 6:05 a.m. | |
| Northeast portion | 25 | morning | | | 0 | 0 | 4 | 3 | Wind, rain | |
| | | | | | | | | | Scattered damage was reported from Shawnee and Osage Counties eastward to the Missouri line. Heavy rains caused local flash flooding in Osage and Douglas Counties. | |
| Marion, Harvey, Butler Counties | 26 | afternoon | ? | ? | 0 | 0 | 3 | 6 | Hail, wind, rain, funnel aloft | |
| | | | | | | | | | Hail up to about 3" diameter, very heavy local rains and flash flooding severely damaged crops in Marion County. A funnel aloft was reported 1 mi. SSW of Newton about 2:45 p., moving to 3 mi. N of Florence at 3:30 p. | |
| Kansas (continued) | | | | | | | | | | |
| Marshall County | 26 | 1:45 p. | 1/2 | narrow | 0 | 0 | 3 | 3 | Tornado | |
| | | | | | | | | | Tornado, moving NE, touched down 3 times about 1 mi. E of Lillis. | |
| Eastern one-third | 26-27 | afternoon to night of 26-27 | | | 0 | 0 | 6 | 5 | Wind, rain, 8 funnels aloft | |
| | | | | | | | | | Very heavy rains caused extensive flooding in Morris, Chase, Osage, Douglas, Miami, and Johnson Counties. Heavy wind damage occurred in the Douglas-Johnson-Wyandotte-Leavenworth County area and in scattered other areas. Wind gusts were estimated as 80 to 100 m.p.h. locally in the Kansas City area. Funnels aloft were reported as follows: 8 mi. NW Fort Riley at 1:10 p.; 3 mi. E Manhattan at 2:00 p.; 2 funnels aloft 20 mi. NW of Emporia at 4:35 p.; southeast of Topeka at 5:25 p.; 3 mi. W of Tonganoxie at 5:55 p.; near Bonner Springs at 6:25 p.; and near Kansas City, Kansas at 8:10 p. | |
| Harper County | 27 | 7:45 p. | 2 | ? | 0 | 0 | 3 | 3 | Hail | |
| | | | | | | | | | Hail up to 1 1/2" diameter occurred at Attica. | |
| Johnson County | 28 | 7:30 a. | ? | ? | 0 | 0 | 3 | 0 | Hail | |
| | | | | | | | | | Hail up to 1 1/2" diameter was reported locally. | |
| Leavenworth County | 30 | 7:00 p. | | | | | 3 | 3 | Hail | |
| | | | | | | | | | Hail 1 1/2-2 1/2 inches in diameter occurred at scattered locations. | |
| Eastern one-third | 30 | evening | | | | | 4 | 0 | Lightning | |
| | | | | | | | | | Lightning caused damage in Allen, Bourbon, Geary and Wyandotte Counties. | |
| Comanche County | 30 | about 7:00 p. | | | 0 | 1 | 0 | 0 | Lightning | |
| | | | | | | | | | A youth was injured slightly southeast of Coldwater. | |
| SPECIAL HAIL SUMMARY | | | | | | | | | | |
| | | | | | | | | | Hail Loss Clearing House reports indicate hail was especially severe in the following counties on the dates indicated. | |
| | 7 | 11 | 16 | 20 | 21 | 22 | 23 | 24 | 26 | |
| | Kiowa, Reno, Rice | Barber, Brown, Clay, Cloud, Dickinson, Doniphan, Geary, Harper, Harvey, Jackson, Kingman, Marion, McPherson, Morris, Rottawatomie, Reno, Sedgwick, Seward, Sumner, Wabaussee | Kearney | Sheridan | Barton, Butler, Cheyenne, Dickinson, Ellis, Ellsworth, Graham, Lincoln, Logan, Marion, McPherson, Osborne, Ottawa, Reno, Republic, Rice, Rooks, Rush, Russell, Saline, Sedgwick, Sherman, Thomas. | Cloud, Decatur, Dickinson, Ellsworth, Marion, Marshall, Phillips, Republic, Sheridan, Washington. | Barber, Butler, Ford, Gray, Hamilton, Haskell, Kingman, Kiowa, Pratt, Reno, Sedgwick, Stafford, Stanton, Stevens, Sumner. | Barton, Ellis, Graham, Phillips, Pratt, Stevens, Stafford. | Brown, Dickinson, Doniphan, Harvey, Marion, McPherson, Marshall, Morris, Republic, Shawnee, Thomas, Washington. | |
| Kentucky | | | | | | | | | | |
| | | | | | | | | | See data at end of table | |
| Louisiana | | | | | | | | | | |
| Northern Parishes | 1 | Evening | | | 0 | 0 | 4 | 3 | Winds, rain, lightning | |
| | | | | | | | | | A strong squall line swept across a wide area of North Louisiana, with reports of wind, heavy rainfall, small hail and lightning - induced fires. Wind gusts reported to 74 m.p.h. at Shreveport, near 60 m.p.h. at Monroe. One barn was destroyed and two buildings damaged by fire about 8 p.m. near Shreveport. Total damage estimated at \$11,000. Lightning started a fire in power company substation south of Haynesville. Damage estimated at \$7,000. Residence heavily damaged by fire at Monroe, about 10:20 p.m. Five cows and registered bull killed by lightning at Earthville (Mathitchos Parish). Numerous trees or branches blown onto utility lines in several areas. | |
| Maine | | | | | | | | | | |
| Ashland | 13 | 5:45 PM | 4 | 1000 | 0 | 0 | 4 | 3 | Wind, lightning | |
| | | | | | | | | | No tornado funnel observed though wind effects were suggestive of tornadoic action. Mobile home seen to be picked completely up and to fly apart. Garage lifted and moved a short distance and a barn moved about one foot. One barn completely destroyed. Shingles found in remote wooded area. Silo roof blown 1000 ft. Many trees down in swath through woods. House fire from lightning. | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Maine (continued) | | | | | | | | | |
| South Woodstock | 13 | 5:00 PM | 4 | 1* | 0 | 0 | 4 | 3 | Rain, wind |
| <p>Heavy rain began around 4:30 or 5:00 PM and continued with little or no let up for about two hours in a very small area, within which totals of 4 to 6 inches fell. Heavy washout and flooding damage to roads and fields. Some 2 inch hail. Strong wind during heavy rain; some locally damaging wind other parts of state, with utility outage at Clayton Lake.</p> | | | | | | | | | |
| State | 15 | PM | | | 0 | 0 | 4 | 0 | Rain, lightning |
| <p>Scattered local washing and flooding rains. Scattered lightning damage.</p> | | | | | | | | | |
| Maryland | | | | | | | | | See data at end of table |
| Massachusetts State | 15 | P.M. | | | 0 | 0 | 5 | 3 | Rain, wind, lightning |
| <p>Local heavy washing and flooding rains, with much damage concentrated in the North Adams-Williamstown area and considerable also in the Chicopee-Wilkyoke area. Bridge washed out in Williamstown. Many roads and streets washed out and cellars flooded. Landslide on Mohawk Trail (Rte. 2). Local instances of wind and lightning damage from scattered thundersqualls elsewhere in state.</p> | | | | | | | | | |
| Dudley | 17 | P.M. | | | 0 | 0 | 0 | 0 | Waterspout |
| <p>Small waterspout observed over lake; small fair weather type, with column estimated 15 ft. high.</p> | | | | | | | | | |
| State | 20 | P.M. | | | 0 | 3 | 5 | 0 | Wind, lightning |
| <p>Locally damaging thundersqualls with wind reported up to 70 mph. Activity continued in some areas into early hours of 1st. Damages mostly in eastern half of state. Injuries at Salisbury Beach State Park when wind overturned camping trailers and tents. Wind broke plate glass windows in Boston and felled trees and limbs causing utility outages in various localities. Many buildings damaged by lightning, including two barns destroyed. Local utility outages also from lightning.</p> | | | | | | | | | |
| State | 28 | | | | 0 | 0 | 5 | 2 | Lightning, wind hail |
| <p>Locally damaging thunderstorms, mostly in morning in western portion and in afternoon in the east. Lightning destroyed a mobile home in Abington, caused extensive damage to a home in Walpole, damaged three churches in Stoughton, and caused many other fire and damage instances. A girl in Whitman was knocked down by lightning, though not injured. High wind felled trees and branches, causing utility outages in some areas. Hail up to 1 1/2 inch size fell in the Greater Brockton area. Some minor flooding from heavy local rains in southeastern portions, though many other areas received little or no rain during thunderstorms.</p> | | | | | | | | | |
| Michigan Southern 1/2 Lower Peninsula | 1 | AM-PM | | | 3 | 0 | 5 | 0 | Thunderstorms-Wind |
| <p>Series of severe thunderstorms moved eastward causing power failures and toppling trees. The first line moved into southwest Michigan after midnight, the second line late in the morning, continued into the late afternoon hours. Most notable damage occurred in the PM when a tree crushed a car on the road in Marshall, killing the driver. A rural Hudson woman was killed by lightning while talking on the telephone and a third man drowned when wind capsized his boat in Lake Erie near Monroe. A barn at Carson City was moved off its foundation, collapsed, killing 5 cattle, total loss \$20,000. Numerous cars were damaged by falling trees over widely scattered areas of the state.</p> | | | | | | | | | |
| Iron Mountain, 5W Dickinson County | 4 | 7:25 PM | | | 0 | 0 | 0 | 0 | Funnels aloft |
| <p>Pilot reported two funnels aloft.</p> | | | | | | | | | |
| Buchanan, 2N, Berrien County | 4 | 7:36 PM | | | 0 | 0 | 0 | 0 | Funnel aloft |
| <p>Funnel aloft confirmed 2 miles north of Buchanan. Two other funnels aloft reported, 8 PM over northwest corner St. Joseph County, 9:30 PM near Benton Harbor.</p> | | | | | | | | | |
| Portage - Marshall Kalamazoo and Calhoun Counties | 4 | 3 PM - 9PM | | | 0 | 0 | 4 | 0 | Thunderstorm - Wind |
| <p>High gusty winds toppled trees, destroyed a shed and a garage along a line from Portage to Marshall. While</p> | | | | | | | | | |
| Michigan (continued) | | | | | | | | | |
| Mt. Pleasant, Isabella County | 11 | 7-9 PM | | | 0 | 0 | 4 | 0 | Hail - Thunderstorm |
| <p>many funnels were reported aloft, no confirmed touch-down could be made. 1/4-inch hail was reported in the area.</p> <p>1/2 to 1-inch hail was reported near Remus, Mecosta County before storm moved into Mt. Pleasant area. Trees felled by the storm caused power failures, damaged cars. Localized flooding was reported around Mt. Pleasant, two barns were destroyed and one cow killed, a family room on a home was also destroyed. Other areas reporting wind damage include Traverse City and Midland.</p> | | | | | | | | | |
| Holland, Ottawa County | 12 | 3:20 PM | | | 0 | 0 | 0 | 0 | Waterspout |
| <p>Waterspout observed west of Holland in Lake Michigan.</p> | | | | | | | | | |
| Merrill, Saginaw County | 12 | 5:15 PM | | | 1 | 0 | 0 | 0 | Wind |
| <p>Gusty winds turned over a tractor and grain trailer being pulled behind it, crushing rural Merrill man beneath it.</p> | | | | | | | | | |
| Centerville, St. Joseph County | 12 | 5:12 PM | | | 0 | 5 | 4 | 0 | Wind |
| <p>High winds turned over three mobile homes, demolishing two completely and injuring occupants, three seriously.</p> | | | | | | | | | |
| Lower Peninsula | 12 | PM | | | 0 | 0 | 5 | ? | Wind - Hail - Lightning |
| <p>Severe thunderstorms hit all parts of the Lower Peninsula causing localized flooding and wind damage. Lightning set fire to a barn near Ionia, damaged a motel at Indian River and exploded oil storage tanks at Scottsville; wind damaged three camping trailers and removed the roof from a house near Monroe; marble to golf-ball sized hail was reported north of Grand Rapids and in the Thumb area, some damage to fruit trees occurred in western Michigan. Fallen trees damaged many cars and one trailer was overturned on US-23 near Saginaw. One driver was killed when he hit a signpost on I-75 during a heavy downpour 10 miles south of the Mackinaw Bridge.</p> | | | | | | | | | |
| Comstock, Kalamazoo County | 20 | 3:00 AM | | | 0 | 0 | 4 | 0 | Lightning |
| <p>A lightning-set fire destroyed a home while the owners were on vacation in northern Michigan. Minor damage was reported elsewhere in the area.</p> | | | | | | | | | |
| Cedar Springs, Kent County | 25 | 10:05PM | 7 | 200 | 0 | 0 | 4 | 0 | Tornado |
| <p>Funnel moved eastward in hopsotch manner destroying 12 to 15 camper-type trailers, one chicken coop, a barn and a store roof. Total damage in Kent County and from wind damage in Newaygo County estimated at \$50,000.</p> | | | | | | | | | |
| Traverse City, 15SW Grand Traverse Co. | 26 | 2:30 PM | 6 | 600 | 0 | 0 | 5 | 0 | Tornado |
| <p>Funnel destroyed one house, 3 barns; 16 buildings were substantially damaged, many trees, power lines down. Water reached a depth of 3 feet in the Traverse City hospital. Total damage estimated at \$200,000. Funnel moved northeastward from Davis to Hamlin Road.</p> | | | | | | | | | |
| Grayling, Gaylord; Crawford & Otsego Counties | 26 | 3:30 PM | | | 0 | 0 | 0 | 0 | Funnels aloft |
| <p>Funnels aloft reported in vicinity of Grayling and Gaylord in Crawford and Otsego Counties respectively.</p> | | | | | | | | | |
| Monroe to Mt. Clemens, Monroe to Macomb Counties | 27 | 3-4 PM | | | 0 | 0 | 4 | 0 | Lightning - Wind |
| <p>Three thunderstorm cells moved northeastward into Monroe, Detroit and Mt. Clemens areas with heavy rain, some hail and high winds. Heaviest tree damage occurred at Monroe County and Sterling Heights near Mt. Clemens. Power failures and trees falling on cars accounted for some damage while a lightning-set fire destroyed a barn. Total losses \$15,000.</p> | | | | | | | | | |
| Western Michigan | 29 | 10:00 - 11:30 PM | | | 0 | 0 | 3 | 4 | Thunderstorm - Hail |
| <p>Wind and hail caused some damage to trees and power lines in Grand Rapids. Heaviest losses will be to cherry crop just southeast of Ludington where golf-ball sized hail may have destroyed up to 1/3 of the cherry crop. Some wheat was also heavily damaged with total losses estimated at nearly \$50,000.</p> | | | | | | | | | |

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Michigan (continued) | | | | | | | | | |
| Detroit, 24 N, Oakland County | 30 | 2:30 AM | | | 0 | 0 | 4 | 0 | Thunderstorms |
| | | | | | | | | | Wind damage in the Bloomfield Hills area estimated at \$10,000. Damage consisted of downed trees, crushed cars, and power lines snapped. |
| Minnesota | | | | | | | | | |
| Spring Valley SW, Fillmore County | 11 | 11:15pm | | | 0 | 0 | 3 | 0 | Lightning |
| | | | | | | | | | Lightning struck and destroyed barn with 500 bales of hay. |
| Jasper Pipestone County | 25 | 00:40pm | 20 | 120 | 0 | 5 | 5 | 0 | Tornado |
| | | | | | | | | | Tornado started 2S of Jasper moved at about 50 mph on an almost northerly path. It skipped along passing 2.0 miles west of Pipestone and lifted north of Cazenovia. Tornado struck Jasper at treetop-level. (caused minor injuries to five persons, destroyed 4 trailer homes and caused major or minor damage to several houses in Jasper. Also caused major damage to farm outbuildings south of Jasper, west of Lilien, west of Pipestone and near Cazenovia. National Guard were used one night.) |
| North Central and South Central Minnesota | 25 | Morning | | | 0 | 0 | 4 | 5 | Strong winds, hail |
| | | | | | | | | | North Central-Thunderstorm cells with 50 mph winds and rain; Bradner 8:00am blew down large sign and many trees; at Bovey 11:00am blew down many trees causing numerous power and telephone outages. South Central-Thunderstorms early morning with hail caused heavy crop damage southeast half of Faribault County and very western edge of Freeborn County, and caused light crop damage in Martin, Waseca and northwest half of Faribault Counties. |
| Northwest, West Central Central & East Central Minnesota | 25 | Afternoon & Evening | | | 0 | 0 | 5 | 3 | Wind, hail, possible tornadoes |
| | | | | | | | | | West Central & Central-A north-northeast moving thunderstorm cell with wind and hail (and possible embedded tornadoes) caused damage and/or destroyed farm outbuildings and killed several head of livestock at the following locations: Milroy 3NW at 2:00pm; near Appleton; Clara City SE; Raymond 4SW and 1SE at 3:15pm; Willmar 9W, 2W, 3N, 5N (possible tornado twisted trees in all directions. Willmar 2W to 5N. This was on the line of major damage caused by a major thunderstorm cell.) Further, 1,000 turkeys were killed Willmar 3N; Atwater, in city; Paynesville 9SE (Possible tornado, 300 trees uprooted and twisted. One person reported 5 funnels.) Light hail crop damage west and north of Willmar. Northwest-Thunderstorms with strong winds at Breckeridge caused damage to nearby farm outbuildings. Heavy crop hail damage in isolated areas in Mahanomen, Folk and Norman Counties. East Central-Anoka 7:00pm. Wind overturned large mobile home, damaged six small travel trailers and blew down many trees. |
| Southeast Minnesota | 26 | Morning & Afternoon | | | 0 | 1 | 5 | 0 | Wind & lightning |
| | | | | | | | | | Thunderstorm cells with winds and lightning. Winds 60 mph reported at Wihona. Winds destroyed barn and other farm outbuildings Fremont 1N at 03:20pm; damaged farm outbuildings; Leroy SW thru NE, afternoon; trees were blown down that caused power and telephone outages at Utica, Lewiston, St. Charles, Chatfield. Lightning: Struck Lanesboro State Fish Hatchery at 11:00am killing 19,000 one-half pound trout; struck and burned barn Lanesboro 4N at 3:50pm; struck and caused minor burns to a man talking on telephone Lewiston 1S. |
| Southwest Minnesota | 28 & 29 | Evening & Morning | | | 1 | 0 | 6 | 5 | Heavy rains & hail |
| | | | | | | | | | Slow moving thunderstorm cells with heavy rains and hail. Rainfall amounts of 6.95 inches at Lakefield and 5.37 inches at Worthington occurred in a 6 hour period and generally more than 4 inches of rainfall occurred in Rock, Murray, Nobles, Jackson and Martin Counties. The greatest rainfall amount from one storm ever recorded at Worthington. The total rainfall for the week for these Counties averaged from 4 to 9 inches. This caused severe damage in washing out many roads, culverts, streets and crop land. Flooded basements were common. One person drowned in the flood waters. Hail crop damage was heavy in Nobles and Martin Counties and scattered crop hail damage in the rest of the Counties in Southwest District and Renville County in the Central District. Rock, Murray, Nobles, and Jackson were declared disaster areas due to flooding. |
| Mississippi | | | | | | | | | |
| Rankin County | 2 | 12:30 a. | | | 0 | 0 | ? | 0 | Wind |
| | | | | | | | | | Storm moved from SW towards NE with slight wind damage at Florence (Lat. 32.2°N, Long. 90.1°W). Woman reported some dust ahead of storm; she "heard it coming for about 4 min. then it hit and blasted a huge tree and piled it in the city street on the power lines causing the lines to burn a block long. The cloud . . . did not touch the ground, but was aloft about 20 or 25'. Winds about 50 to 60 mi. per hr." This one went over fast than a line of 4 or 5 thunderstorms came behind it. This line of electrical thunderstorms were without the intensive winds, but heavy rain." She reported these storms lasted until about 3:30 a.m. (57). When examined, "The tree was twisted off 25' from root." Highway Patrol reported damage from what appeared to be straight line winds: few signs down, limbs off trees, feet swings off houses. No damage reported to homes or buildings, but several small trees blown down and limbs torn from larger ones. |
| Mississippi Sound | 12 | 8:15 a. & 8:43 a. | | | | | | | Waterspout |
| | | | | | | | | | FAA Air Traffic Control reported waterspout 8 WSW Biloxi (Lat. 30.3° N, Long. 89.0° W). |
| Washington County | 19 | 2:25 p. | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | Police Department Greenville (Lat. 33.4°N, Long. 91.1°W) reported gusty wind and at 2:25 p.m. hail size of quarters; other later report of heavy rain and hail slightly larger than quarters; hail partly covered ground. County Agent noted "The hail around Greenville didn't help anything, but I don't think there was anything serious . . ." Agricultural Meteorologist at Stoneville (Lat. 33.4°N, Long. 90.5°W) at 2:00 p.m. reported almost constant thunder past 15 minutes and rain began 2:05 p.m.; at 2:32 p.m. there was 1/2 to 1" hail falling; at 3:00 p.m. a severe electrical storm, heavy rain, occasional hail, winds just becoming gusty; he noted "while the hail fell it was as calm as could be. There wasn't any wind then, so it just sort of peppered along without much damage." |
| Washington and Sunflower Counties | 19 | about 3:00 p. | | | 0 | 0 | 5 | ? | Wind |
| | | | | | | | | | Extensive and widespread wind damage over 30 sq. mi. or more. High winds swept along a 6-mile wide front from Burdette (about 3 S Leland) to Arcola on U. S. 61, across to the Tribbett-Fralake Road and on into Sunflower County, leaving hardly a place unmarked. WASHINGTON COUNTY: At Tribbett equipment barn was partially blown away and big trees uprooted; from Tribbett to Fralake there was hardly 5 houses that did not have some part of the roof gone; outbuildings and sheds were scattered over countryside. At Fralake, of 20 new modern homes hardly a one escaped without some kind of roof damage. At Arcola signs and trees and power lines were the main casualties. Hardly a cedar tree was left whole from Arcola north to Sligo Plantation (6 S Leland). Trees across U. S. 61 between Suitcase (7 S Leland) and Sligo Plantation out of traffic for 3 hours. At the Sligo Plantation a modern metal shop building was blown away, 5 tenant houses demolished, 25 pecan trees swept away; 13 cotton trailers were destroyed, 6 blown against the back of a house and 3 grain bins blown away. Many old homes in the Sligo area had shade trees which were downed by the winds. |
| Washington County | 19 | about 3:00 p. | small | | 0 | 1 | 4 | 0 | Tornado |
| | | | | | | | | | Tornado lowered into a small strip on Sligo Plantation headquarters about 1/2 N without (6 S Leland). It blew 1 house 20 feet and decapitated all except center area, split another into 3 parts, and carried a horse unharmed about 100 yards to tractor shed. Woman said a dark cloud hit the ground, bounced up, and hit again. "Then it spread out and started blowing like a big windstorm." Agricultural Meteorologist noted "the damage around the Sligo Plantation—trees, sheds, cotton trailers, the sighting of a horse carried a hundred yards, all indicated tornado activity. Elsewhere only straight line wind damage was seen." At Sligo, a house had all its windows blown out and flying glass cut foot of boy 13 and he reported a lamp was blown out of a window, a dog jumped on a chair to look out and was blown out the window after the lamp. |
| Humphreys County | 19 | 3:25 p. | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | Highway Patrol reported golf-ball-size hail and strong winds at Belmont (Lat. 33.2°N, Long. 90.5°W). |
| Washington and Sunflower Counties | 19 | 4:00 p. | 12 | 250 | 0 | 0 | ? | 4 | Hail |
| | | | | | | | | | Storm moved from SW toward NE, began 3:30 p.m., ended 5:00 p.m. Hail fell in Fralake area about 4:00 p.m. and covered ground with stones which averaged 1" diameter to 1 1/4". The storm affected the Arcola-Fralake area along a 12 mile path, 250 yards wide. WASHINGTON COUNTY: The Delta Farm Press noted that "... below Leland, where winds, which some called tornadoic, and hail took a toll in cotton and peaches. Trail Lake Plantation, one of those suffering hail damage, had about 500 acres of cotton damaged and Deer Creek (Cohar) below Leland lost around \$10,000 worth of peaches and some trees." SUNFLOWER COUNTY: County Agent noted "In the Inverness area and southwest of Indianola hard winds and hail caused extensive crop and property damage. The hail damage to crops looked terrible right after the storm but most of the crop damage will be overgrown in another week or ten days — new growth will obscure the damage." |
| Attala County | 19 | 4:14 p. | | | 0 | 0 | ? | 0 | Thunderstorm |
| | | | | | | | | | A severe thunderstorm in the Kosciusko area (Lat. 33.1°N, Long. 89.6° W). Cooperative observer reported "High winds, some damage done |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | PROPERTY | CROPS | |
| Mississippi (continued) | | | | | | | | | | | |
| Leake County | 19 | 4:15 p. 4:50 p. | | | | 0 | 0 | 1 | 0 | | Thunderstorm |
| <p>over town. This happened around 5:15 p.m. (4:15 p.m. CST). Several trees blown down."</p> <p>Moving from the NW there was a violent thunderstorm in the Carthage area (Lat. 32.8°N, Long. 89.5°W). Sharp peals of lightning about 35 minutes with wind dying out but raining heavy at 4:50 p.m. There was marble size hail. A few trees down and a few limbs blown off.</p> | | | | | | | | | | | |
| Kemper and Neshoba Counties | 21 | 3:25 p. | | | 0 | 0 | ? | ? | ? | | Hail |
| <p>Highway Patrol reported golf-ball-size hail occurred 10-12 minutes in a 10 mile radius of Highway 16 on the Kemper and Neshoba County line. No reports of damage have been received.</p> | | | | | | | | | | | |
| Lamar and Forrest Counties | 21 | Before 4:30 p. | | | 0 | 0 | ? | ? | ? | | Hail |
| <p>Radar indicated severe thunderstorm between Lumberton and Brooklyn moving SSE. Public reports golf-ball-size hail with storm; (Lat. 31.0°N, Long. 89.4°W). At 4:45 p.m. severe thunderstorm over Lumberton moving towards Wiggins and Perkinston. Hail has been indicated by radar with strong gusty surface winds.</p> | | | | | | | | | | | |
| Alcorn County | 21 | 5:25 p. | | | 0 | 0 | ? | ? | ? | | Thunderstorm |
| <p>Thunderstorms swept through county and high winds caused damage; downing many trees, tossing around garbage cans and damaging buildings. Storage shed destroyed 6 S Corinth on Route 6. In Farmington community, 3 E Corinth, winds destroyed a large shed at 5:25 p.m. CST, uprooted trees and downed power lines to black out a large portion of the county.</p> | | | | | | | | | | | |
| Marshall County | 21 | Before 5:45 p. | | | 0 | 0 | ? | ? | ? | | Wind |
| <p>Highway Patrol reported very strong winds at Holly Springs (Lat. 34.8°N, Long. 89.4°W). Two trees across Highway 7 south of Holly Springs.</p> | | | | | | | | | | | |
| Grenada County | 21 | 6:09 p. | 6 | ? | 0 | 0 | ? | ? | ? | | Tornado |
| <p>Funnel cloud touched ground at Hardy (Lat. 33.9°N, Long. 89.8°W) intersection Highway 7 and 55, 7 W Grenada. Damaged 1 barn, few homes and trees then jumped SE. There was a power failure in Hardy. At 6:14 p.m. at Grenada heavy rain and lightning with winds 30 mph; there was a power failure at Grenada. A touchdown at Grenada Park and Bassorail (Lat. 33.8°N, Long. 89.8°W) at 6:23 p.m. Destroyed 2 houses, picnic tables and 5 camper's tents, downed trees and power lines. County newspaper noted "formatic winds striking at several points in this area . . . caused widespread electrical power interruptions as trees and limbs felled service lines . . ." South of Grenada at Elliot a truck stop was reported destroyed; no indications received that this wind damage was attributable to a tornado.</p> | | | | | | | | | | | |
| Hollier County | 21 | Before 6:23 p. | | | 0 | 0 | ? | ? | ? | | Wind |
| <p>At Cleveland Airport (Lat. 33.7°N, Long. 90.7°W), hangar roof blown off some 50 feet and damaged telephone and power lines. High wind and falling tree limbs broke a number of service wires in the area and rural power and telephone lines were disrupted for several hours. An outhouse was reported blown down.</p> | | | | | | | | | | | |
| Leflore County | 21 | 6:23 p. | | | 0 | 0 | ? | ? | ? | | Wind |
| <p>A squall line with thunderstorms and winds up to 57 mph moved SE across the area causing mainly damage to power lines. At Greenwood (Lat. 33.5°N, Long. 90.2°W) some trees were blown down, there was traffic blockups or minor damage on several streets, some windows were blown out.</p> | | | | | | | | | | | |
| Washington County | 21 | 6:25 p. | | | | | | | | | Funnel Clouds Aloft |
| <p>One funnel-like cloud reported moving to the SE near Greenville (Lat. 33.4°N, Long. 91.1°W), some reports of two funnels. No damage or injuries reported. No mention of touchdowns in local newspaper.</p> | | | | | | | | | | | |
| Oktibbeha County | 21 | 7:00 p. | | | 0 | 0 | ? | ? | ? | | Wind, Funnel Cloud Aloft |
| <p>Winds at Haden unroofed 4 business firms and damaged several homes; many TV antennas blown down. Sheriff's Office reported that many trees blown down throughout the county blocked traffic on county roads. Some house trailers at Longview were reported damaged. A funnel-like cloud was reported 1 E Longview at 7:20 p.m.; no tornado touchdown areas reported nor damages attributable to a tornado located. At Starkville Municipal Airport a staked down aircraft was torn from its mooring and flew unmaneuvered about 50 yards before crashing and damaging the tail section of an adjacent plane. At Starkville some store windows were broken, several flower boxes blown into street, and numerous signs damaged. In Itawec Community winds felled a number of trees, with one falling on and damaging a tractor; 4 cedar trees planted in 1849 were destroyed.</p> | | | | | | | | | | | |
| Attala County | 21 | 7:18 p. | | | 0 | 0 | ? | ? | ? | | Winds, Funnel Cloud Aloft |
| <p>Newspaper correspondent noted ". . . winds . . . uprooted large numbers of trees both in Kossinko and throughout the county, as well as damaging roofs of homes and destroying barns, outbuildings, and causing other damage to property." The mayor reported that damage to power lines caused the power to be off about two and a half hours Saturday night in some parts of Kossinko, (Lat. 33.0°N, Long. 89.6°W). "Probably the greatest damage in Kossinko was caused by a tree blowing down on the roof of a house Other damage was reported to plate glass store fronts. . . ." Power lines were in trouble all over the county and lines in some areas had to be repaired twice. One person reported two funnel-like clouds E of Kossinko moving SE at 7:18 p.m.; no tornado touchdown areas located nor damages attributable to a tornado reported.</p> | | | | | | | | | | | |
| Mississippi (continued) | | | | | | | | | | | |
| Louisa County | 21 | 7:20 p. | | | 0 | 0 | ? | ? | ? | | Thunderstorm, Funnel Cloud Aloft |
| <p>Heavy squall line with violent thunderstorms and winds reported up to 50-65 mph. joined rain and lightning in disrupting Columbus (Lat. 33.6°N, Long. 88.4°W). Numerous trees uprooted, some tore chunks out of concrete sidewalks, others along with falling limbs caused havoc to power lines and poles. Lights went out in most areas at 7:22 p.m. and came back about 10 p.m. downtown Columbus and the next day in other parts of the county. One person reported a funnel-like cloud moving to SE at 7:25 p.m. off Highway 82 West, near Ken-All Ranch, 4 W Columbus (Lat. 33.6°N, Long. 88.4°W); there were no other sightings and newspaper noted "No confirmation of the twister." at 7:35 p.m. radio station WBEI reported severe storms overhead, high wind blowing down trees and all power off in city. Reports received of several plate glass store windows smashed, some trees fell on cars and some roofs damaged.</p> | | | | | | | | | | | |
| Clay County | 21 | 7:21 p. | | | 0 | 0 | ? | ? | ? | | Wind, Funnel Cloud Aloft |
| <p>A heavy thunderstorm at West Point, winds in excess of 50 mph. Highway Patrol reported funnel-like cloud 5 E West Point (Lat. 33.6°N, Long. 88.6°W) moving E. At West Point wind blow in section of wall on W side of warehouse and part of roof was thrown on other side of warehouse. No damage attributed to tornado reported.</p> | | | | | | | | | | | |
| Calhoun County | 21 | 7:57 p. | | | 0 | 1 | 4 | 0 | 0 | | Wind |
| <p>High winds, rain and hail hit in early night; a power blackout lasted about 3 hours. Newspaper indicated ". . . not much damage was done as a whole." Some roofs of homes were damaged and 1 or 2 barn roofs blown off. A woman received bruises and scratches when a tree was blown down directly in front of her car while driving to her house in Calhoun City. Highway Patrolman estimated \$15,000-\$20,000 damage in Calhoun City including some house tops blown away and trees falling on a number of automobiles.</p> | | | | | | | | | | | |
| Leake County | 21 | 7:58 p. | | | 0 | 0 | ? | ? | ? | | Thunderstorm, Hook echo |
| <p>Thunderstorm accompanied by high winds at night toppled trees throughout county and downed numbers of utility lines. Carthage newspaper noted "Damage in the city was considered light though a large oak tree was uprooted. . . falling into the Jack Edwards home and across the street." At 7:58 p.m. a radar hook echo was indicated 4 SW Edinburg.</p> | | | | | | | | | | | |
| Scott County | 21 | 8:20 p. | | | 0 | 0 | ? | ? | ? | | Thunderstorm, Funnel Cloud Aloft |
| <p>County newspaper noted thunderstorm "winds felled trees across power lines. . . in Hillsboro-Harperville area. . . and caused a power blackout in some sections until about next day. . . some of the power poles were blown down by the gales which residents said were the strongest ever experienced in the county." At 8:20 p.m. a funnel-like cloud was reported 2 E Horton (Lat. 32.3°N, Long. 89.7°W) and one reported 2 E Horton at 8:30 p.m. and to be moving SW. No tornado touchdown areas located nor damages attributable to a tornado reported.</p> | | | | | | | | | | | |
| De Soto County | 24 | 1:50 a. | | | Brief | 0 | 0 | ? | ? | | Tornado |
| <p>Funnel cloud reported to have approached from W and touched down briefly with minor damage at Cub Lake Plantation, 20 SSW Memphis (Lat. 34.8°N, Long. 90.9°W), then lifted after passing eastward. In plantation shed damaged and airplane small T-hanger demolished. At Bernardo, cooperative observer noted high wind at 2:00 a.m.</p> | | | | | | | | | | | |
| Fishkingo County | 24 | Morning | | | | | | | | | Tornado |
| <p>Man near Iuka leaving for work spotted funnel-like cloud headed for barn. The barn roof was torn off, a tree in front of house was damaged, most of roof of house was ripped off and a tree in the back was twisted off several feet above ground.</p> | | | | | | | | | | | |
| Mississippi Sound | 24 | 11:00 a. 11:35 a. | | | 0 | 0 | 0 | 0 | 0 | | Waterspouts |
| <p>Pilot reported waterspout off Gal Island about 11 a.m. Highway Patrol reported waterspout at 11:25 a.m. 15 S Gulfport (Lat. 30.2°N, Long. 89.1°W). Newspaper noted "A waterspout was reported at approximately 11:34 a.m. CST Tuesday about two miles offshore and due south of the Gulfport harbor area. Callers said the funnel of water ripped down from a low hanging cloud over the ship channel and remained for about five minutes, then was drawn up again into the cloud line."</p> | | | | | | | | | | | |
| Leflore County | 30 | 2:50 p. | | | 0 | 0 | 0 | 0 | 0 | | Wind |
| <p>Wind gusts 58 mph reported at Greenwood Municipal Airport (Lat. 33.5°N, Long. 90.2°W). No reports of damage received.</p> | | | | | | | | | | | |
| Missouri | | | | | | | | | | | |
| Taney County | 1 | 1:25 AM | | | 6 | 4 | | | | | Windstorm |
| <p>A severe thunderstorm with damaging winds moved northeastward from Eranon to Oakark Beach to Foreyn. Six campers were injured in a lakeside park at Eranon.</p> | | | | | | | | | | | |
| North Central Counties | 4 | 6:00 - 9:00 PM | | | | | 4 | 5 | | | Hailstorms |
| <p>Hailstorms with numerous reports of hailstones, sizes between 1-1/2 to 2-3/4 inches, occurred from western Putnam County on the north to Central Saline County on the south. Specific times, locations and sizes were: 6:15 PM, Harris, 1-3/4"; 6:20 PM, Newton, 2-3/4"; 6:30 PM, Lucerne, 1-3/4"; Between 7:30 and 7:50 PM, Onia, 2"; Whiting, 1-3/4"; 5 miles northeast of Chillicothe, 2-3/4"; Bedford-Avalon, Sumner, 1-1/2"; 8:20 PM, Miami, 1-3/4"; 9:00 PM, Marshall, 1-3/4".</p> | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Missouri (continued) | | | | | | | | | |
| Northwest Counties | 11 | 5:15 - 11:30 PM | | | | | 4 | 5 | Hail & Wind |
| | | Severe thunderstorms with large hail and damaging winds destroyed or damaged outbuildings, crops and trees in many locations in an area bounded at St. Joseph to Mound City to Maryville to Grant City to Trenton to Hamilton. Hailstone reports of 1-1/2 inches were common with a report of 2-inch stones at Reh in Andrew County at 8:45 PM and "winds of tornadoic strength" at 11:30 PM at Hamilton and 7 miles north of Jamesport. | | | | | | | |
| Malden, Dunklin County | 13 | 2:30 PM | | | | | | | Windstorm |
| | | A severe thunderstorm with damaging winds destroyed a barn, mobile home, and outbuildings along a path from about three miles east of Malden to the Malden Airport. The storm path was reported from Southeast to northwest. | | | | | | | |
| Caruthersville, Pemiscot County | 14 | 6:05 PM | | | | | | | Funnels Aloft (2) |
| | | Funnel Clouds aloft were reported 3 miles southeast of Caruthersville and in the vicinity of Black Island. | | | | | | | |
| Cassville, Barry County | 21 | 11:50 AM | | | | 1 | 5 | | Windstorm |
| | | Thunderstorms with damaging winds were reported at many locations in Barry County with the heaviest damage reported in Cassville where winds estimated in excess of 65 miles per hour downed many trees and power lines and caused heavy damage to a wood products factory. In Seligman, a 79-year-old woman was blown off her porch and hospitalized with fractures. | | | | | | | |
| Platte, Clay, Jackson, Cass Counties | 21 | 9:00 AM - 11:30 PM | | | | | | 5 | Wind-Rain |
| | | Thunderstorms with heavy rains and strong winds lashed many areas south to central Cass County. Wind gusts in excess of 65 miles per hour caused considerable tree and power line, and some structural damage, with 2 to 4-inch rains causing local flash flooding. | | | | | | | |
| Caruthersville, Pemiscot County | 21 | 4:00 PM | | | | | | | Funnel Aloft |
| | | Several reports of funnel cloud aloft just west of Caruthersville. | | | | | | | |
| Licking, Texas County | 21 | 2:00 PM | | | | | 2 | | Lightning |
| | | Two boys riding in the back of a pick-up truck were knocked unconscious by lightning and revived. One boy was hospitalized with burns. | | | | | | | |
| Two-thirds of State | 22 | Midnight to 7:00 PM | | | | | | | Severe Thunderstorm |
| | | Numerous severe thunderstorms with heavy rains, hail, damaging winds, tornadoes and funnels aloft, and local flooding were reported in an area north of a line from Joplin to Cape Girardeau and south of a line from St. Joseph to Hannibal. Reports of 2 to 4 inches of rain, hail of 1-3/4 to 2 inches, gusts in excess of 50 miles per hour, causing considerable tree and power line damage, were common. Specific reports on the more intense storms follow: | | | | | | | |
| North Kansas City, Platte County | 22 | 1:00 AM | 1/4 | | | | | 4 | Tornado |
| | | A small tornado touched down briefly and mostly at treetop level in the area of Northwest 6th Street and Northwest Evans Avenue in the Northern Heights area of North Kansas City. Three barns were destroyed, 3 houses damaged, and numerous trees and power lines downed. | | | | | | | |
| Fort Leonard Wood (10 Mi. E.), Pulaski County | 22 | 4:10 AM | | | | | | | Funnel Aloft |
| Glencoe (10 SW St. Louis), St. Louis County | 22 | 7:35 AM | | | | | | | Funnel Aloft |
| St. Clair, Franklin County | 22 | 11:00 AM | | | | | | | Funnel Aloft |
| Cedar County, South | 22 | 4:30 PM | 1/4 | | | | | | Tornado |
| | | A small tornado touched down briefly on one farm southwest of Stockton, Missouri. | | | | | | | |
| 10 to 60 miles south west St. Louis | 22 | 4:45 - 5:45 PM | | | | | | | Several Funnels Aloft |
| Washington County | 22 | 5:40 - 6:10 PM | 21 | 800 | 2 | 22 | 5 | 4 | Tornado |
| | | An intense tornado first touched in the Clark National Forest, just within Washington County (15.8 mi. west of Potosi, to 2 miles north of Henryman). The tornado moved slightly north of due east across heavily timbered areas with the damage more intense in valleys than ridge tops. The first damage to farm buildings occurred as the tornado crossed three farms 1/2 mile north of the Dan on the north end of Summer Lake. At this point, the track turned more to the east-northeast crossing Mo. Highway 155 1/2 mile southeast of Latty Missouri and continued toward the south edge of Old Mines (1 mile south of Junction of Mo. 21 and 47). Two of a family of 10 were killed as their house was destroyed just west of Mo. 21. The tornado finally lifted just after crossing Mo. 47, 1-1/2 miles east-southeast of Old Mines. In the Old Mines area 9 houses were destroyed and 8 damaged, and from 10 to 20 cars and trucks destroyed or damaged. | | | | | | | |
| Missouri (continued) | | | | | | | | | |
| Doe Run to Libertyville, St. Francois County | 22 | 6:35 - 6:55 PM | 15 | 440 | 4 | 14 | 6 | | Tornado |
| | | The tornado first touched down 2-1/4 miles west and 1 mile south of Doe Run, Missouri and moved east-northeastward to cross Highway W in the southern portions of Doe Run 1 mile southwest of the Highway B & W Junction. The tornado moved straight east from Doe Run area to the intersection of U.S. 67 and Highway H. Two people were killed when their camper-bus was swept off Highway 67 just north of H, and two more deaths occurred just east of Highway 67 as a home was swept away. After crossing Highway 67 the path turned towards the SSE towards Libertyville to cross Route 00 (Old Highway 67) just north of ID west of Libertyville. The damage path became less intense with some evidence of skipping as it passed through the Libertyville area and apparently lifted about 1-1/2 mile east-northeast of Libertyville. A total of 82 homes were completely destroyed and 90 damaged. Numerous barns, outbuildings, power and telephone lines were leveled. | | | | | | | |
| Perry County | 22 | 7:15 - 7:40 PM | 18 | | | 6 | 5 | 4 | Tornado |
| | | Intermittent complete destruction occurred along a narrow west to east 18-mile path beginning 4-1/2 miles west of Silver Lake, passing 1/4 mile south of Silver Lake just south of the Junction of Routes B & K, just north of Longtown and ending 2-1/2 miles east and 1/2 mile north of Longtown in the Bureka community. Three homes and 13 barns were destroyed with considerable damage to other buildings at 25 locations. This damage path appears to be a likely continuation of the earlier tornado track through St. Francois County. | | | | | | | |
| Drexel (5 N), Cass County | 23 | 8:05 PM | | | | | | | Funnel Aloft |
| Nevada (1 NW), Vernon County | 23 | 8:15 PM | | | | | | | Funnel Aloft |
| Seneca to Monett, Newton & Barry Counties | 23 | 8:15 - 8:50 PM | | | | | | | Windstorm |
| | | A severe thunderstorm with damaging winds estimated in excess of 65 miles per hour caused considerable tree and power line damage and some damage to buildings as it moved from Seneca through Neosho south of Granby, 2 miles south of Pierce City and through Monett. In Neosho a portion of the High School Library roof was blown off. Six sheet metal hangars were destroyed and one light aircraft extensively damaged at an airport 2 miles south of Pierce City. | | | | | | | |
| Springfield (25 NW) West Dade County | 23 | 8:30 PM | | | | | | | Funnel Aloft |
| Carthage (2 SW), Jasper County | 23 | 8:43 PM | | | | | | | Funnel Aloft |
| Bolivar, Polk County | 23 | 9:30 PM | | | | | 3 | | Tornado |
| | | A small tornado touched down briefly at treetop level in Bolivar. | | | | | | | |
| Warrensburg (E) Johnson | 23 | 10:15 PM | | | | | | | Funnel Aloft |
| Branson Area, Taney County | 23 | 10:45 PM | | | | | | 4 | Windstorm |
| | | Thunderstorm winds gusting to a measured 85 miles per hour caused excessive structural damage on the campus of the School of the Ozarks. Students had been escorted to basement shelters shortly before on the basis of a severe thunderstorm warning issued by the Springfield, Missouri Weather Bureau Office. | | | | | | | |
| Kansas City Area, (Metropolitan Area) | 25 | 11:00 AM - 11:15 PM | | | | | | | Windstorm |
| | | Thunderstorms with wind gusts measured between 50 and 61 knots caused some tree, power line, and structural damage in the Kansas City Metropolitan area. | | | | | | | |
| Tiff City, McDonald County | 25 | 8:42 PM | | | | | | | Funnels Aloft (4) |
| Northwest Missouri, Holt County to Cass County | 26 | 3:00 PM - 9:00 PM | | | | | | | Severe Thunderstorms |
| | | Intense squall line activity with gusts between 65 and 100 miles per hour, small tornadoes, funnels aloft, and hail from 1/2 inch to 1 inch crossed northwestern Missouri during the afternoon and evening. The more damaging storms began in Holt County about 3:00 PM, crossed the St. Joseph, Buchanan County area between 4:00 and 6:00 PM, struck Platte, Clay, Jackson Counties, and the Kansas City Metropolitan area between 6:00 and 8:30 PM. Specific reports are given below. | | | | | | | |
| Mound City, Holt County | 26 | 3:05 PM | | | | | | | Wind |
| | | Thunderstorm gusts to 61 knots. | | | | | | | |
| St. Joseph, Buchanan County | 26 | 4:30 - 4:45 PM | | | | | | 5 | Wind Storm |
| | | Thunderstorm wind gusts to 100 miles-per-hour caused very heavy damage to 17 aircraft, hangars, and cars at Rosecrans Airport. Considerable tree and power line damage occurred in St. Joseph and surrounding areas. | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Missouri (continued) | | | | | | | | | |
| St. Joseph (15 E) Buchanan County | 26 | 5:45 PM | | | | | | | Funnel Aloft |
| | | | | | | | | | Funnel aloft reported on Highway 6 near Buchanan-DeKalb County line. |
| Gallatin, Daviess County | 26 | 6:10 PM | | | | | | | Wind |
| | | | | | | | | | Thunderstorm winds destroyed trees and overturned a car. |
| Weatherby Lake, Platte County | 26 | 6:35 PM | | | | | 5 | | Tornado |
| | | | | | | | | | A small tornado touched down intermittently in the Weatherby Lake-Platte Woods area of East Platte County, moved northeastward into Clay County. Several homes were unroofed and damaged on the east side of Weatherby Lake. A high school and church were unroofed in Platte Woods. |
| Platte and Clay Counties | 26 | 6:30-6:40 PM | 13.5 | | 5 | 5 | | | Tornado |
| | | | | | | | | | A tornado touched down intermittently along a 13.5 mile southwest to northeast path from Riverside in southeast Platte County through the North Kansas City-Gladstone area of Clay County to a point 5 miles east and 1-1/2 miles north of the intersection of U.S. 69 and By Pass 71. In Riverside 8 trailers were overturned and 2 people injured at a trailer park on Missouri 15. In the vicinity of Northeast 51st and Northwest in Riverside, two homes were totally destroyed and 5 homes unroofed. Considerable tree damage occurred to the northeast of Houston Lake. In the area of 73rd and Broadway Gladstone, 3 houses were a total loss and 1 people injured. The last apparent touchdown destroyed the WNB radio towers at 125 North Eastern Road. |
| Jackson County (7 N Belton) | 26 | 6:45 PM | | | | | | | Funnel Aloft |
| Martin City, (SW Jackson County) | 26 | 6:52 PM | | | | | | | Funnel Aloft |
| Lawson (1-1/2 SE) Ray County | 26 | 7:00 PM | | | | | 4 | | Tornado |
| | | | | | | | | | A tornado destroyed three small barns and heavily damaged farm machinery on a farm on Route 00 1-1/2 miles south and 1 mile east of Lawson. |
| North Missouri City to ESE Excelsior Springs | 26 | 7:00 PM | 7 | | | | 4 | | Tornado |
| | | | | | | | | | A tornado touched down 3 miles north and 1 east of Missouri City in southeast Clay County and moved northeast to cross Route N 2-3/4 miles south of Excelsior Springs before coming into Ray County, destroying barns and trees on a farm on Highway 0 1 mile south of Missouri 10. |
| 10 ESE Kansas City | 26 | 7:35 PM | | | | | | | Funnel Aloft |
| 48 N Whiteman AFB | 26 | 7:55 PM | | | | | | | Funnel Aloft |
| 25 NW Whiteman AFB | 26 | 8:45 PM | | | | | | | Funnel Aloft |
| 5 E. Kirksville | 26 | 9:06 PM | | | | | | | Funnel Aloft |
| Steelville | 27 | 7:30 PM | | | | | | | Funnel Aloft |
| Union (S) | 27 | 8:30 PM | | | | | | | Funnel Aloft |
| Lockwood | 27 | 8:35 PM | | | | | | | Funnel Aloft |
| Eureka | 27 | 9:25 PM | | | | | | | Funnel Aloft |
| Festus (4 NW) | 27 | 9:30 PM | | | | | | | Funnel Aloft |
| Jackson County (S) | 28 | 5:15-6:45 AM | | | | | | | Wind and Hail |
| | | | | | | | | | Thunderstorm gusts to 74 knots and hail up to 1-3/4 inches hit Martin City, Lees Summit and Raytown. |
| Windsor, Henry County | 28 | 7:45 AM | | | | | | | Wind and Hail |
| | | | | | | | | | Hailstones 1-3/4 inch in diameter and damaging winds. |
| Harrison County | 28 | 5:10 PM | | | | | | | Hail |
| | | | | | | | | | Hail 1 inch in diameter hit Princeton, Mt. Moriah and Ridgeway. |
| St. Louis (35 SW) | 28 | 5:30 PM | | | | | | | Funnel Aloft |
| Brunswick (6 N) | 28 | 6:35 PM | | | | | | | Funnel Aloft |
| St. Charles, St. Charles County | 28 | 5:00 PM | | | | | 5 | | Windstorm |
| | | | | | | | | | Strong thunderstorm winds demolished a newly completed church school, severely damaged an older brick home when a wall blew outward, damaged 1 aircraft, many trees and power lines. |
| Grant City, Worth County | 28 | evening | | | | | 5 | | Thunderstorms |
| | | | | | | | | | Large hail caused heavy damage to corn and soybeans northwest of Grant City. |
| Missouri (continued) | | | | | | | | | |
| Nodaway & Gentry Counties | 29 | 7:57 PM | 6-1/2 | 300 | | | | 5 | Tornado |
| | | | | | | | | | A tornado touched down in eastern Nodaway County 1 mile north of U.S. 36 and 1 mile west of the Gentry County line and moved northeastward to the West Fork of the Grand River 4 miles north and 1-1/2 miles east of Stanberry, Missouri. Two homes and 3 barns were destroyed with considerable other damage to machinery and out-buildings on 6 farms. |
| Maryville (4 SE), Nodaway County | 29 | 6:50 PM | | | | | | | Tornado |
| | | | | | | | | | A funnel cloud was observed to touch ground briefly 4 miles southeast of Maryville. |
| Kirksville, Adair County | 30 | 3:30 AM | | | | | 6 | 5 | Wind |
| | | | | | | | | | Strong thunderstorm winds destroyed 15 house trailers, damaged 2 motels and an apartment house, and unroofed one home. The six injuries were associated with the trailer damage. |
| Montana | | | | | | | | | |
| Rainey Mountain Ski Resort, Beaverhead County | 5 | Afternoon | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Lightning struck and completely destroyed chairlift valued at \$30,000. |
| Near Lima, Beaverhead County | 7 | Evening | | | 0 | 3 | 2 | 0 | Lightning |
| | | | | | | | | | Lightning struck among a herd of cattle being gathered injuring two men and one boy, killing one of the men's horse. |
| Central Divisions and Southeast Montana | 12-13 | | | | 0 | 0 | 0 | 0 | C Snow and Cold |
| | | | | | | | | | Record snow of three to five inches fell on the 12th in a wide area from Glacier Park southeastward through the State. Great Falls and an area east of Broadus reported five inches of snow on the ground, Cut Bank and Helena three inches. Freezing temperatures and record June cold occurred on the 13th damaging some crops. |
| Statewide | 24-27 | | | | 0 | 0 | ? | 0 | Heavy Rain |
| | | | | | | | | | Heavy rains with official amounts ranging from two to nearly eight inches were general over most of the State. Only minor flooding occurred. |
| Nebraska | | | | | | | | | |
| Western Nebraska | 6 | Evening | | | | | | | Hail |
| | | | | | | | | | Several hail strips reported in Scotts Bluff, Box Butte, Morrill, Perkins, and Chase Counties. Strips generally 1 - 2 miles wide and 3 - 5 miles long. Damage to sugar beets and wheat; corn still small and should recover. Largest strip (15 miles) and greatest damage in Chase County from east of Imperial to Blanche vicinity where hail accumulated to 5 - 6 inch depth in storm center. |
| South Central Nebraska | 10 | 6 p - 11p | 80 | 25* | 0 | 0 | 5 | 6 | Funnel clouds, damaging winds, hail |
| | | | | | | | | | Widespread severe thunderstorm activity whose principal track was through Frontier, Gosper, and Phelps Counties with lesser damage in adjacent counties. Center of activity was along an 80-mile line from Maywood to Axtell. Hailstones along path generally 1/2" to 1" diameter but some attained size of 1 1/2" to 2". Stones 1 3/4" diameter fell at Cosad, 15 miles north of the main track. Hail covered the ground at many places and accumulated to 6" depth at some sites in northern Frontier County. One of heaviest strips of hail was from Elwood to Bertrand with crop loss ranging up to 75%-100%. Funnel clouds and wind damage reported at Johnson Lake, Smithfield, Funk, and a few other points along the route. Cabins and farm buildings destroyed. Associated tornado listed below. |
| Bertrand | 10 | 7:30p | 2 | 40 | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Observed touching ground in open area near Bertrand. |
| Northwestern Nebraska | 13-14 | | | | 0 | 0 | 0 | ? | Late snow-freezing temperatures |
| | | | | | | | | | Late season snowfall on the 13th amounting to several inches in the northwest corner and traces as far south as Kimball and as far east as Hensel 20S. Temperatures were in the 26°-32° range in the Panhandle and North Central Divisions the next morning. |
| Cherry County | 21 | Before 8:12p | ? | 1/2* | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | Hail 2 3/4" diameter fell in 1/2 mile wide strip near Merriman. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Nebraska (continued) | | | | | | | | | |
| Dixon and Cedar Counties | 21 | 7:15p - 9:30p | 30 | 5* | 0 | 0 | 0 | 5 | Hail |
| | | Hailstones $\frac{1}{2}$ " to 1" diameter in northern portions of Dixon and Cedar Counties. Strips 2 to 5 miles wide and 10 to 15 miles long. Ground covered at some sites. | | | | | | | |
| South Central Nebraska and Northeastward | 22 | 1a - 6a | 180 | 70* | 0 | 3 | 5 | 5 | Hail, damaging winds |
| | | Numerous damaging wind and hail storms in a large funnel clouds area which lies mainly between two lines; one connecting Furnas and Madison Counties and the other connecting Nuckolls and Dodge Counties. Storms were scattered throughout the area and showed no time/path pattern other than in general they were more numerous in the southern portion between 1a and 3a and in the northern portion between 3a and 5a. High winds persisted for 2 hours at some sites. Damaged areas were scattered but numerous. Some funnel clouds were reported and three tornadoes (listed below) touched down. A partial list of major damage sites includes Oxford, Kearney, Grand Island, Aurora, York, and Osceola, as well as many rural areas. Farm buildings were destroyed, house trailers overturned, trees uprooted, etc. Crop damage ranged up to 100% in center of hail strips. Hail stones were generally $\frac{1}{2}$ " to $\frac{3}{4}$ " in diameter and did little property damage. Some sites reported stones up to an inch in diameter and in Colfax County some reached 2" size. Property damage was principally from winds but crop damage was from both wind and hail. | | | | | | | |
| Oxford | 22 | 1a | 5 | Narrow | 1 | 0 | 4 | 0 | Tornado |
| | | Farm buildings destroyed, house unroofed, and one death when trailer house demolished. | | | | | | | |
| Near Genoa | 22 | 3a | Short | Narrow | 0 | 0 | 4 | 0 | Tornado |
| | | Touched down briefly several times 2 - 3 miles west of Genoa destroying farm buildings. | | | | | | | |
| Creston | 22 | 5:30a | Spot | Spot | 0 | 0 | 0 | 0 | Tornado |
| | | Touched down briefly in north part of town. | | | | | | | |
| Northeastern Nebraska | 23 | 4:30p - 5:15p | | | 0 | 0 | 0 | 0 | Funnel clouds |
| | | Several funnel clouds sighted in Meadow Grove - Battle Creek - Norfolk areas. None touched ground. | | | | | | | |
| Perkins County | 24 | 5:30p - 5:50p | 10 | 20 | 0 | 0 | 5 | 0 | Tornado - Funnel Clouds |
| | | A tornado moved from near Brandon to the northern edge of Grant. Additional funnel clouds sighted that did not touch ground. Farm buildings destroyed and homes in Grant damaged. | | | | | | | |
| Perkins County | 24 | 3p - 9p | 40 | 20* | 0 | 0 | 3 | 5 | Hail and damaging winds |
| | | Repeated hail storms throughout the county during afternoon and evening. Damage to crops varied from light upwards to 100% in center of heavier hail strips. At most sites stones were $\frac{1}{2}$ " in size, but high winds increased the damage. Near Brandon, 1 $\frac{3}{4}$ " stones were common with some up to 4" diameter. | | | | | | | |
| Franklin and Kearney Counties | 24 | 9:20p - 9:40p | 18 | Narrow | 0 | 0 | 4 | 0 | Tornado |
| | | Buildings damaged at five farm sites along a line extending from 8 miles north of Naponee to near Keene. | | | | | | | |
| Northeastern Nebraska | 25 | Midnight - 2a | 60 | 20* | 0 | 0 | 4 | 0 | Severe thunderstorms, damaging winds, funnel clouds |
| | | Severe thunderstorms with damaging winds gave widespread tree and small building damage in Boone and Madison Counties and two tornadoes (listed below) touched down intermittently. Excessive rains fell over much of northeastern Nebraska resulting in some flash flooding. | | | | | | | |
| Boone County | 25 | 00:5a - ? | 18 | Narrow | 0 | 0 | 5 | 0 | Tornado |
| | | Tornado damaged elevator at Primrose and then touched down intermittently along 18-mile path northeastward to Albion vicinity. Farm buildings destroyed. | | | | | | | |
| Madison County | 25 | Midnight - 1a | 15 | Narrow | 0 | 0 | 4 | 0 | Tornado |
| | | Touched down occasionally along path from Newman Grove vicinity to point 7 - 8 miles south of Norfolk. Farm buildings and cafe damaged. | | | | | | | |
| Southeastern Nebraska | 26 | 2:17a | | | 0 | 0 | 0 | 0 | Funnel cloud |
| | | Sighted 5 miles north of Auburn. Stormy conditions prevailed over several counties with scattered light hail and gusty winds. | | | | | | | |
| Lincoln | 26 | 8:35a | ? | ? | 0 | 0 | 0 | 0 | Hail |
| | | Few $\frac{3}{4}$ " hail stones in eastern Lincoln. | | | | | | | |
| Gage County | 26 | 11:00a | ? | ? | 0 | 0 | 0 | 0 | Hail |
| | | Few 1" hail stones at Wymore. | | | | | | | |
| Nebraska (continued) | | | | | | | | | |
| Knox and Cedar Counties | 28 | 9a - 11a | 40 | 20* | 0 | 1 | 5 | 5 | Severe thunderstorms, damaging winds, funnel clouds |
| | | Most activity within Bloomfield - Randolph - Coleridge triangular area. Funnel clouds sighted near Carroll, Belden, Laurel, and Neligh. Numerous hail strips with main path 2 - 4 miles wide and 25 miles long from Bloomfield to Coleridge. Stones generally $\frac{1}{2}$ " - 1" size with a few larger ones, accumulated to 2" depth in center of strips. Building and tree damage in Randolph, Coleridge and near Hartington. Woman injured when lightning struck telephone line. | | | | | | | |
| Burt County | 28 | 11:10a - 11:20a | 6 | 3/4" | 0 | 0 | 0 | 4 | Hail |
| | | Near Craig. Stones mostly $\frac{1}{2}$ " but ranged up to 1 $\frac{3}{4}$ " diameter. | | | | | | | |
| Southeastern Fourth of State | 30 | Midnight - 6a | 180 | 100* | 0 | 0 | 3 | 5 | Hail |
| | | Light hail fell at numerous points scattered throughout southeastern Nebraska but did little damage. A few sites in Kearney, Adams, and Saline Counties had larger stones ranging up to an inch in diameter. The major damage was in these counties. Lightning damaged a house in Hartings. | | | | | | | |
| Cherry County | 28 | Before 9p | | | 0 | 0 | 0 | 0 | Funnel clouds |
| | | Observed 15 miles south and 15 miles east-northeast of Valentine. | | | | | | | |
| Nevada | | | | | | | | | |
| Reno, Pyramid Lake | | 4 PM | | | ? | 0 | 4 | 0 | Wind |
| | | A sudden windstorm, associated with a thunderstorm, hit the Reno-Pyramid Lake area with 60 miles per hour as reported at the Reno Airport Weather Bureau Office. The wind uprooted trees, damaged telephone poles and windows, blew off roofs, and caused a dust storm that limited visibility in the Reno area. Police reported that the wind and dust storm caused some minor traffic accidents. A man was listed missing when his empty 16-foot boat was found in Pyramid Lake. | | | | | | | |
| Lyon County | | 8,9 Most of period | | | 0 | 0 | 0 | 0 | Heavy rain, Wind |
| | | Rain caused extensive damage to hay crops throughout the county. Alfalfa was knocked down, making it more difficult to cut. | | | | | | | |
| Lander County | | 13 1:55PM | | | 0 | 0 | 0 | 0 | Funnel cloud |
| | | A funnel cloud was reported 20 miles south of Battle Mountain. The cloud extended to approximately 1500 feet below the base of a thunderhead. | | | | | | | |
| New Hampshire | | | | | | | | | |
| Marlborough | 6 | 5:30 PM | $\frac{1}{2}$ | 150 | 0 | 0 | 3 | 0 | Tornado |
| | | Funnel first seen over river. It moved eastward for about $\frac{1}{2}$ mile then turned south for about $\frac{1}{2}$ mile before dissipating. Buildings and trees in path damaged. | | | | | | | |
| State | 15 | Mid-day and PM | | | 0 | 0 | 5 | 4 | Rain, lightning, wind |
| | | Scattered heavy rain reached "cloudburst" proportions in some areas where totals were frequently from 2 to 4 inches, mostly in a short time. Considerable washing and flooding. Some local damage from lightning and wind. | | | | | | | |
| Southern portion | 20 | PM | | | 0 | 0 | 4 | 4 | Wind, lightning, rain |
| | | Scattered severe thunderstorms caused considerable wind damage with falling trees and branches causing utility outages. Several cars smashed by falling trees. Possible small tornadoes in Keene and South Wears areas, reported as twisters, but few details available. Trees up to 4 ft. in diameter uprooted by the Keene storm, which also blew the top from a pine tree through a motel roof. Lightning caused scattered utility outages and property damages, including the splintering of barn timbers in Eye. Some local flooding and washing from heavy rain, with crops and gardens battered. | | | | | | | |
| New Jersey | | | | | | | | | |
| Morris County | 14-16 | | | | | | 3 | | Heavy rains, minor flooding. |
| | | Heavy rains totaling from 2 to more than 6 inches fell over the northern third of the State, with the greatest amounts over Morris County. Morris Plains reported a storm total of 6.32 inches. Some minor flooding was reported, chiefly at underpasses and in other low-lying areas. | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | | |
| New Jersey (continued) | | | | | | | | | | |
| Camden and Gloucester Counties | 23 | 4:00-5:00p.m. | | | | 4 | 5 | | Hail, high winds | |
| | | | Hailstones up to 3 inches in diameter were reported in the vicinity of Cherry Hill. High winds caused damage to trees and downed power lines at Woodbury and Berlin. The greatest damage from this storm was to the fruit and vegetable crops. | | | | | | | |
| New Mexico | | | | | | | | | | |
| Alameda, Union County | 3 | Night | Short | Narrow | | | 1 | | Tornado | |
| | | | Doors and roofs blown from outbuildings. Hoisy. | | | | | | | |
| Counselors, Sandoval County | 5 | 4:00 p. | | | | 1 | | | Lightning | |
| | | | One posthand dazed and fell from saddle when lightning struck ground. | | | | | | | |
| Los Lunas | 5 | 6:20 p. | | | | | 4 | | Wind | |
| | | | Trailer overturned and barn deroofed south of Los Lunas. | | | | | | | |
| Northeast New Mexico | 8 | 1:30 p. | | | | ? | ? | | Tornado, hail | |
| | | | Hail to baseball size 2 miles west of Maxwell damaged 10% of alfalfa. Tornado southwest of Wagon Mound, Mora County, accompanied by hail to 1-1/2 inch in diameter which damaged windows and roofs. | | | | | | | |
| Otero County | 9 | 5:00 p. | | | | | 3 | | Hail | |
| | | | Hail to over 1-1/2 inch diameter at White Sands National Monument and Sacramento Peak Observatory with some damage to glass. Hail at Weed damaged glass and vehicles. Damage estimated at \$500. | | | | | | | |
| Moriarty and Cline Corners | 9 | 3:00 p. | | | | | ? | | Hail | |
| | | | Hail to over 3/4 inch diameter damaged vehicles and glass. | | | | | | | |
| Santa Rosa | 9 | 8:00 p.-10:30 p. | | | | | 5 | | Hail, heavy rain | |
| | | | Hail to 1-1/2 inch diameter damaged glass, signs, roofs, and vehicles. Hail damage estimated at \$250,000. Rain damage to streets, parks and public buildings estimated at \$230,000. | | | | | | | |
| Albuquerque | 13 | 1:36 p. | | | | | 4 | | Wind | |
| | | | Wind to 63 miles per hour felled building wall under construction and damaged roof of bus barn. Damage estimated at \$10,000. | | | | | | | |
| East-Central New Mexico | 13 | Afternoon | | | | ? | 4 | | Hail, heavy rain | |
| | | | Rain, estimated at between 3 and 6 inches, and hail damaged grain and broomcorn, windows and roofs in Rogers and Dora area in three storms occurring about 12:00 p., 2:00 p. and 4:00 p. Hail to 1-1/2 inch diameter in Floyd area damaged cotton, broomcorn, peanuts, and windshields. In Curry County, hail to 1 inch diameter damaged crops and trees. | | | | | | | |
| Southeastern New Mexico | 13 | Afternoon | | | | 1 | 3 | ? | Tornado, Hail, Wind | |
| | | | Tornado in late afternoon touched down several miles west of the highway between Artesia and Carlisbad, Eddy County, with no damage. Hail to 1-1/2 inch in diameter did an estimated \$900 damage to phone lines about 15 miles east of Carlisbad. Hail to golf ball size at Artesia, 4:30 p., broke glass. One person was injured by flying glass due wind. | | | | | | | |
| Albuquerque | 15 | 4:00 p. | | | | | 5 | | Heavy rain, Hail | |
| | | | Flash flooding from 1/2 inch rain in 1/2 hour. Damage to streets estimated at \$50,000, and to private residences at \$20,000, mostly in the West Mesa area. Hail to 2 inches in diameter in south valley caused some damage to glass. | | | | | | | |
| Belen | 15 | 4:00 p. | | | | 0 | 6 | 0 | Heavy rain, Hail | |
| | | | Local flash flooding from 3 inches of rain in less than 2 hours. Thirteen homes destroyed, major damage to 47 homes, and minor damage to 85 homes. Streets and irrigation systems were damaged. Rain damage to lettuce, chile, corn and tomatoes. Some damage to lettuce crop from golf ball size hail. Total damage estimated near \$2 million. | | | | | | | |
| San Ysidro, Sandoval County | 15 | 4:40 p. | | | | | | | Funnel clouds | |
| | | | Two funnel clouds reported 25 miles west of San Ysidro moving northeastward at 23 miles per hour dissipated before reaching Jesus Springs. No damage reported. | | | | | | | |
| Dona Ana County | 15 | 5:15 p. | | | | 6 | 5 | | Hail, Rain | |
| | | | Hail from south county line to Arroyo in the north, with hail to over 2-1/4 inches in diameter at Las Cruces, caused major damage to glass, vehicles, roofs, and to cotton, barley, chile, tomato and pecan crops. Crop damage to 70,000 acres estimated at \$400,000. Total damage estimated near \$3 million. | | | | | | | |
| Grants | 16 | 1:00 p. | | | | | ? | ? | Hail | |
| | | | Hail to 3/4 inch in diameter. | | | | | | | |
| Ponderosa | 17 | Afternoon | | | | | ? | ? | Hail | |
| | | | Hail to baseball size. | | | | | | | |
| San Juan County | 2h | 5:00 p. | | | | | 4 | | Wind, Funnel cloud | |
| | | | Wind to 58 miles per hour damaged roofs, trees, barn and vehicles in the Farmington-Astec-Blomfield area. Funnel cloud seen northeast of Astec remained aloft. | | | | | | | |
| New York | | | | | | | | | | |
| | | | See data at end of table | | | | | | | |
| North Carolina | | | | | | | | | | |
| Alleghany, Henderson, Hoke, Swain, Watauga Counties | 1 | Aftn & evening | | | | | | 4 | 5 | Hail, Electrical, Wind, Rain |
| | | | Widely scattered areas of light to severe hail damage to crops. Power and telephone lines damaged by lightning and wind. Soil eroded by heavy rain. | | | | | | | |
| Chatham County | 2 | 6:38pm | | | | | | | | Funnel Cloud |
| | | | Reported by pilot at 25 miles southwest of Raleigh-Durham Airport. | | | | | | | |
| Ashe, Catawba, Cleveland, Forsyth, Hoke, Macon, Rockingham Counties | 2 | 3-6pm | | | | | | 4 | 4 | Hail, Wind, Electrical |
| | | | Thirteen cattle killed by lightning in Ashe County. Wind blew down trees and damaged roofs. Hail damaged crops several areas; heaviest damage to tobacco in Hoke County. | | | | | | | |
| Alamance, Alleghany, Bladen, Cleveland, Jackson, Jones, McDowell, Robeson Counties | 7 | 2-6pm | | | | | | 4 | 4 | Hail, Wind, Electrical |
| | | | Hail damaged crops many areas. Scattered damage to buildings by wind and lightning, including church damaged by lightning-set fire. | | | | | | | |
| Bladen, Cleveland, Duplin, Greene, Harnett, Hoke, Hyde, Jackson, Johnston, Lenoir, Mecklenburg, Fender, Robeson, Scotland, Tyrrell, Union Counties | 8 | 3-7pm | | | | | | 5 | 6 | Hail, Wind, Electrical |
| | | | Heavy damage to crops and property by hail, wind and lightning in Lenoir County; scattered less severe damage many other areas. | | | | | | | |
| Alamance, Burke, Cumberland, Duplin, Forsyth, Guilford, Haywood, Lenoir, Mecklenburg, Randolph, Stanly, Yancey Counties | 9 | 4-6pm | | | | 0 | 3 | 4 | 6 | Hail, Wind, Rain, Electrical |
| | | | Heavy hail damage to tobacco in Duplin, Lenoir and Sampson, and less severe damage several other areas. Scattered damage to homes and outbuildings by wind and lightning. A few cases of flash flooding and soil erosion. Three soldiers on maneuvers injured by lightning | | | | | | | |
| Forsyth, Yancey Counties | 10 | 4 pm | | | | | | 5 | 5 | Hail, Rain |
| | | | Egg-sized hail and torrential rain in several areas. Considerable damage to roofs and windows. Small animals reported killed by hail. Tobacco crop and gardens destroyed. Rain caused soil erosion. | | | | | | | |
| Washington County | 12 | 4pm | | | | | | 0 | 4 | Hail |
| | | | Tobacco damaged over parts of a 4 sq. mt. area. | | | | | | | |
| Lincoln County | 14 | 3:30am | | | | | | 5 | 0 | Electrical |
| | | | Large church in Lincolnton destroyed by lightning-set fire. | | | | | | | |
| Caldwell, Forsyth, Guilford, Montgomery, Pamlico, Wake Counties | 15 | | | | | | | 6 | 5 | Hail, Rain |
| | | | Rain unofficially measured up to nine inches in a few hours caused severe flash flooding in northwest Greensboro, damaging several large industrial plants, destroying raw materials and causing loss of several days work time. Lesser damage other nearby areas. Crops damaged by both rain and hail in several widely separated places. | | | | | | | |
| Southeastern North Carolina | 16 | | | | | | | 5 | 6 | Rain |
| | | | Heavy rains over several days ending on the 16th caused heavy damage to crops, principally tobacco, from drowning. Parts of several counties affected. Some flooding of homes, autos and businesses. | | | | | | | |
| Greene, Hertford, Lenoir, McDowell, Person, Pitt, Yadkin, Beaufort and Franklin Counties | 18 | Aftn & evening | | | | | | 5 | 5 | Wind, Rain, Hail |
| | | | Wind damage to trees, roofs and buildings in several widely separated areas. Hail damaged tobacco crop several counties. Rain caused soil erosion. An industrial plant unroofed by wind in Pitt County. Mobile home with three occupants thrown in pond in Beaufort County; no injuries. | | | | | | | |
| Cumberland, Edgecombe, Forsyth, Pitt Counties | 19 | 5-10pm | | | | | | 4 | 6 | Hail |
| | | | Tobacco crop destroyed or damaged over a 100 sq. mi area of Pitt County, and smaller areas of other counties. Scattered damage to roofs and windows. | | | | | | | |
| Harnett, Henderson, Hoke, Lee, Sampson, Wayne Counties | 20 | Afternoon | | | | | | 5 | 5 | Hail, Wind |
| | | | Hail damaged apples in Henderson and tobacco in other counties listed. Scattered damage to trees and roofs by hail and wind. New mobile home demolished in Lee County. | | | | | | | |
| Burke, Caldwell, Catawba, Henderson, Rockingham Counties | 21 | 4-8pm | | | | 0 | 1 | 5 | 5 | Hail, Electrical, Wind |
| | | | Hail again damaged apple crop in Henderson County, while wind and lightning disrupted power and telephone facilities there and in other areas. Trees down, roofs damaged in Caldwell. Considerable damage around Hickory Airport; FAA reports 50 knot wind. Building under construction destroyed. Mobile home overturned, infant hurt. | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) | | | | | | | | | |
| Southwest & south central | 23 | noon-8p | | | 0 | 2 | 5 | 5 | Wind, Rain, Hail |
| Squall line caused storm conditions as it moved eastward from Cherokee to Robeson Counties. Trees broken and uprooted, buildings slightly damaged, autos crushed and scratched by falling trees and limbs at Western Carolina University. Cullowhee. Two students hurt. An inch rain and hail in ten minutes. Similar damage scattered through other southern border counties. Wind at Charlotte 49 mph. | | | | | | | | | |
| Alleghany, Catawba, Durham, Forsyth, Gaston, Guilford, Martin, Person, Pitt, Rockingham, Scotland, Surry, Wayne Counties | 24 | Aftn & evening | | | 2 | 0 | 5 | 4 | Electrical, Wind |
| Youth killed by lightning on bicycle in Alleghany and girl killed in home in Martin County. Several fires set by lightning. Scattered damage to power and telephone facilities. Rain and wind damaged crops. | | | | | | | | | |
| Cabarrus, Mecklenburg, Scotland Counties | 26 | 4-8pm | | | | | 4 | 0 | Wind, Electrical |
| Scattered wind damage and several lightning-set fires. | | | | | | | | | |
| Robeson County | 27 | Noon | | | | | 0 | 4 | Hail |
| Cotton and tobacco crops damaged St. Pauls area. | | | | | | | | | |
| Davie, Rockingham, Yadkin Counties | 28 | 5-7pm | | | | | 4 | 4 | Hail, Electrical, Wind |
| Scattered light damage as thunderstorms struck several areas. | | | | | | | | | |
| Craven, Cumberland, Lenoir, Moore Counties | 29 | am & pm | | | | | 4 | 4 | Hail, Electrical, Wind |
| Two tobacco barns destroyed by wind and two by lightning. Crop hit by hail. Power lines and transformers damaged. | | | | | | | | | |
| North Dakota | | | | | | | | | |
| Barnes County | 6 | ? | | | | | 3 | | Wind |
| High winds flattened barn 2 miles north of Urbana and silo near Eckelson. | | | | | | | | | |
| Richland County | 25 | 8:15 p | | | | | 4 | | Funnel cloud, wind |
| Strong winds destroyed buildings on several farms in area 4 miles south of Wymdore to about 2 miles northeast of Barney. Funnel cloud reported over Lidgerwood. | | | | | | | | | |
| Enderlin, near | 25 | 4:40 p | 4 | 45 | 0 | 1 | 4 | 0 | Tornado |
| Tornado, touching down 6 miles west and 2.5 miles south of Enderlin, moved northwestward for 1 mile before skipping northward. 4 farms damaged. Man struck by flying debris injuring arm. | | | | | | | | | |
| Grand Forks, McKenzie, Mountrail Counties | 26 | 9:09 early evening | | | | | | | Funnel cloud |
| Hail storm started in Banks area of McKenzie County. Storm traveled eastward through Tobacco Garden area and into Keene and Charlson area where total crop losses occurred. Turning northeastward and weakening the storm crossed Lake Sakawewa dropping thumbnail size hail north of New Town. | | | | | | | | | |
| Ohio | | | | | | | | | |
| Northern Ohio | 1 | Afternoon evening | | | | | 5 | | Wind, electrical, hail |
| A squall line, moving ahead of an advancing cold front, knocked down trees and damaged utility lines over several northern counties. A lightning-set fire resulted in a \$200,000 loss at a Sandusky canning company. A Hardin County storage building (near Forest) was destroyed by a lightning-set fire. Total damage was set at \$75,000. Quarter inch hail and 50 mph winds were reported at Toledo. Winds demolished two barns near Green Springs. | | | | | | | | | |
| Denson Area, Fulton County | 1 | 6:00p | Short | Narrow | 0 | 0 | 3 | | Tornado |
| A small tornado touched ground about one mile east of Denson where it tore a mobile-home into 3 pieces. | | | | | | | | | |
| Genoa, Ottawa County | 5 | 6:30p | | | | | | | Hail, wind |
| Three quarter inch hail and wind gusts to 50 mph were reported in the vicinity. | | | | | | | | | |
| West Union Area, Adams County | 8 | Afternoon | | | | | 4 | C | Hail |
| Hailstones the size of golf balls caused considerable property and crop damage. Tobacco losses were from 20% to 50% while wheat and corn received similar losses. Hail up to three-quarters of an inch in diameter was also reported in Fayette County but caused little or no damage to crops. | | | | | | | | | |
| Entire State | 12 | Afternoon evening | | | 1 | 5 | C | | Rain, wind, electrical, hail |
| Violent thunderstorms struck many communities downing trees, utility lines and setting many small fires. Wind gusts of 83 mph were recorded in the Cincinnati area. Heavy rains accompanied the storms in several areas. At least nine Toledo places were struck by lightning. Crop damage from hail was reported in Allen, Champaign, and Fulton Counties. | | | | | | | | | |
| Ohio (continued) | | | | | | | | | |
| Perry and Meigs Counties | 14 | Evening | | | | | | 4 | Electrical |
| Two homes near Shawnee and Somerset were severely damaged by lightning set fires. A barn and contents were burned by a lightning set fire near Burlington. | | | | | | | | | |
| Athens Area, Athens County | 21 | 3:00a | | | 0 | 0 | | 4 | Electrical |
| Lightning caused a fire which destroyed a \$30,000. home on Radford Road. | | | | | | | | | |
| Caldwell Area, Noble County | 22 | 6:30p | | | | 0 | 5 | | Electrical |
| Eight persons standing near a tree were struck by a bolt of lightning while on a picnic. Three were admitted to hospitals and two others were treated and released. | | | | | | | | | |
| Southern and Central Areas | 23 | Early Morning | | | 0 | 0 | 5 | | Wind, rain |
| Extensive wind damage was reported in Oxford as 70 mph winds uprooted nearly 100 trees, taking down utility lines and breaking some windows and signs. Some basement flooding resulted from the heavy rains which accompanied the storm. Similar storms were reported in Fayette and Pickaway Counties. | | | | | | | | | |
| Cincinnati Area, Hamilton County | 23 | 8:30p | | | | | | | Funnel aloft |
| A funnel cloud was sighted near Springdale but was not observed touching the ground. | | | | | | | | | |
| Licking County | 23-Evening-24 morning | | | | | 2 | 5 | C | Rain, flooding |
| Up to 7 inches of rain fell in the Fredonia area northwest of Newark causing flash flooding of two Licking River tributaries, inundating 300 to 400 homes in Newark and washing away most of a trailer camp near Saint Louisville. One bridge was washed out and another was severely damaged. Some crop damage was reported. | | | | | | | | | |
| Marcy Area, Pickaway County | 24 | 5:00p | Short | 50 | 0 | 0 | 3 | | Tornado |
| A tornado touched ground briefly one mile east of Marcy inflicting relatively minor damage to a home, downing 7 trees (two of which were twisted off 6 to 8 feet above the ground) and destroying several pieces of lawn furniture. | | | | | | | | | |
| Northern Areas | 27 | Afternoon-evening | | | | | | 5 | C Wind, electrical, rain, hail |
| Strong winds destroyed a barn in Fulton County. Wind gusts of 60 mph were reported in Toledo. Downed trees and utility lines were reported in several areas. One inch hail fell near Celeryville. Avon Point about 15 miles west of Cleveland recorded winds in excess of 80 mph. Considerable lightning accompanied most of the storms. Hail caused some crop damage in Ottawa and Williams Counties. | | | | | | | | | |
| Entire State | 30 | Afternoon-evening | | | | | | 5 | Wind, electrical, rain, hail |
| Lightning caused a \$150,000 blaze at a Canton area store. A Marlboro area barn (Stark County) was also destroyed. Total loss to the barn and contents was \$8000. Hail and strong winds were reported in several Lorain County communities. Electrical storms accompanied by high winds and rain also inflicted damage in the Ashland, Salem, Warren, Cleveland, Youngstown, Wilmington and numerous small communities. | | | | | | | | | |
| Oklahoma Near Straight, Texas County | 7 | 10:10p. | Short | Narrow | 0 | 0 | 3 | 0 | Tornado and rain |
| Tornado completely destroyed trailer house. The trailer house was carried in the air approximately 200 yards while being turned about two times. A rain gage on the farm where the trailer house was located showed 5 inches of rain and had run over. | | | | | | | | | |
| Texas, Beaver, Harper, and Ellis Counties | 10 | Evening | 80 | *20 | 0 | 0 | 1 | 6 | Tornado, hail, wind, and rain |
| Hail, wind, and heavy rain struck eastern Texas County, southern Beaver County, southwestern Harper County, and extreme northwestern Ellis County. One tornado touched the ground briefly in southwestern Beaver County near the Texas Border, but caused no damage. Hailstones up to 1 3/4 inches in diameter and rains up to 5 inches fell in the area. Some flooding occurred on SR-3 in Beaver County. Crop damage in the four-county area was estimated at \$1,900,000. Most of it was in Texas and Beaver Counties and was the result of the hail. Property damage was indicated to have been light. | | | | | | | | | |

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|---|------|-----------------------|------------------------|-----------------------|----------------|---------|----------|-------|------------------|-------|--|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | PROPERTY | CROPS | |
| Oklahoma (continued) | | | | | | | | | | | |
| Garfield County | 11 | Afternoon | 10 | Narrow | 0 | 0 | 0 | 0 | | | Tornado, wind, hail, and rain Tornado touched ground briefly between Carrier and US-60, lifted and was sighted aloft 5 miles north of Enid a short time later. Small hail and up to 2 inches of rain fell with the storm. Winds were clocked at 45 MPH in Enid. No damage was reported. |
| Seiling area, Dewey County | 11 | 6:30p.-8:30p. | 5 | *3 | 0 | 0 | 5 | 4 | | | Hail Hailstones measuring up to 2 3/4 inches in diameter hit the Seiling area during the early evening hours causing an estimated \$100,000 property damage and \$48,000 crop damage. |
| Near Cleo Springs, Major County | 11 | 8:35p. | | | | | | | | | Funnel aloft |
| Ponca City, Kay County | 11 | 10:15p. | | | 0 | 0 | 4 | 0 | | | Lightning, wind, hail, and rain Lightning set fire to a 10,000-gallon gasoline storage tank causing \$35,000 damage. Winds broke tree limbs and some small hail fell. Heavy rain caused temporary street flooding. |
| Garber area, Garfield County | 11 | Night | | | | | | | | | 3 Funnels aloft |
| Hugo area, Choctaw County | 13 | 3:00a. | | | 0 | 0 | 4 | 0 | | | Lightning and wind Lightning set afire and completely destroyed a church and all its contents. Strong gusty winds broke limbs from trees and a metal roof on the main exhibit building of the county fairground in Hugo was damaged. |
| Frederick, Tillman County | 13 | 1:30p.-2:00p. | | | 0 | 0 | 4 | 0 | | | Wind, rain, and 2 funnels aloft Wind gusts estimated at 50 MPH blew down trees and power lines and broke out several plate glass windows in downtown business houses. An apartment project under construction on the west edge of town had the walls blown down. Two funnels aloft were sighted west of town but did not touch the ground. |
| Ada area, Pontotoc County | 13 | 5:15p.-5:45p. | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 3 inches in diameter fell in and to the west of Ada, but no damage was reported. |
| Colbert, Calera, and Durant area, Bryan County | 14 | 3:00a. | 12 | 100 | 0 | 0 | 4 | 0 | | | Tornado Tornado touched down several times along a northeastward path from near Colbert to 5 miles east of Durant. There was minor damage to a feed shed on a farm near Colbert and two sections of the roof of a farm home east of Durant were removed by the tornado. The heaviest damage was to a trailer home and a washeteria in Calera. An auto in the path of the tornado at Calera had its windows shattered and five utility poles were blown down. |
| Blair area, Jackson County | 17 | 12:15p.-12:30p. | 14 | *3 | 0 | 0 | 4 | 4 | | | Hail and rain Hail and rain storm hit area from north of Blair eastward through the Warren and Friendship communities. Hailstones measuring up to 1 1/2 inches in diameter caused \$30,000 property damage and \$19,000 crop damage. |
| Mountain Park area, Kiowa County | 17 | 7:00p. | 14 | *1/2 | 0 | 0 | 8 | 5 | | | Hail, wind, and rain Hailstones up to 1 3/4 inches in diameter, wind, and heavy rain caused an estimated \$70,000 damage to the wheat and cotton crop west of Mountain Park. |
| Ponca City, Kay County | 19 | Around midnight | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 1 1/2 inches in diameter fell, but no damage was reported. |
| Medicine Park, Elgin, and Meers area, Comanche County | 20 | 1:00a. | 20-25 | *1/4 | 0 | 0 | 4 | 0 | | | Hail and wind Hailstones up to 4 inches in diameter and strong wind caused an estimated \$15,000 damage to autos, roofs, and windows. |
| Near Hobart, Kiowa County | 21 | Night | | | | | | | | | Funnel aloft |
| Near Sapulpa, Creek County | 22 | Around 5:00p. | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 1 3/4 inches in diameter fell west of Sapulpa, but no damage was reported. |
| Lake Keystone, Pawnee County | 22 | Afternoon | | | 0 | 1 | 0 | 0 | | | Lightning Man struck by lightning while fishing from a boat. |
| 5W Chandler, Lincoln County | 22 | 6:15p. | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 1 3/4 inches in diameter fell, but no damage was reported. |
| Oklahoma (continued) | | | | | | | | | | | |
| Prague and Sparks area, Lincoln County | 22 | 7:00p.-8:00p. | | | | | | | | | 3 Funnels aloft |
| 5W Prague, Lincoln County | 22 | 8:30p. | Short | Narrow | 0 | 0 | 3 | 0 | | | Tornado A small tornado touched down briefly 5 miles west of Prague lifting a car into the air and depositing it bottom side up 50 feet to the north. Damage to the car was \$1,000. |
| Edmond, Oklahoma County | 22 | 8:45p. | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 1 3/4 inches in diameter fell, but no damage was reported. |
| Kellyville and Kiefer area, Creek County | 22 | Evening | | | | | | | | | Funnel aloft |
| Okemah area, Okfuskee County | 22 | Evening | 15 | *15 | 0 | 0 | 4 | 0 | | | Wind, hail, rain, lightning, and funnel aloft High winds at Okemah caused \$10,000 damage to a drive-in theater and \$5,000 to a mobile home. Power lines were blown down and a barn was destroyed a mile east of Okemah. One funnel was sighted aloft over Okemah. Hail and lightning damage was light. |
| Drumright, Creek County | 22 | Evening | | | 0 | 0 | 0 | 0 | | | Hail Hailstones 1 3/4 inches in diameter fell, but no damage was reported. |
| Bufala area, McIntosh County | 22 | 10:40p. | | | 0 | 0 | 4 | 0 | | | Wind Straight winds blew top off of a cafe and damaged 4 mobile homes. Two of the mobile homes were totally destroyed. Trees were uprooted. |
| Poteau, LeFlore County | 23 | 1:25a. | | | 0 | 0 | 0 | 0 | | | Hail and wind Hailstones up to 1 3/4 inches in diameter fell, but no damage was reported. Winds were estimated at 50 MPH. |
| Stilwell, Adair County | 23 | Afternoon | | | 0 | 0 | 2 | 0 | | | Hail and wind Wind broke plate glass window out of a flower shop in downtown Stilwell. Hailstones measuring up to 2 inches in diameter fell, but no damage was reported as a result of the hail. |
| Between Hennessey and Marshall, Kingfisher County | 23 | 4:55p. | | | | | | | | | Funnel aloft |
| Gage, Ellis County | 23 | 5:00p. | ↑ | ↑ | 0 | 0 | 0 | 0 | | | Tornado A tornado was reported by FAA personnel moving toward the east at 30 MPH. No damage was reported. |
| Guthrie area, Logan County | 23 | About 5:30p. | | | 0 | 0 | 0 | 0 | | | Hail Hailstones 1 3/4 inches in diameter fell 8 miles southwest of Guthrie and large hail was reported in Guthrie. No damage was reported. |
| Hooker area, Texas County | 23 | 6:00p. | | | 0 | 1 | 2 | 0 | | | Hail and dust devil Hailstones up to 1 3/4 inches in diameter fell at Hooker and a giant dust devil struck between Guyson and Hooker. The driver of a combine hit by the dust devil received minor head injuries when his head struck the cab of the combine. The platform and grain auger on the combine was damaged. |
| 5W Drumright, Creek County | 23 | Around 6:00p. | | | 0 | 0 | 0 | 0 | | | Tornado Tornado touched down briefly, but no damage was reported. |
| 4 SW Ferry, Noble County | 23 | 6:10p. | | | 0 | 0 | 0 | 0 | | | Tornado Tornado touched down briefly. No damage was reported. |
| Cashion, Kingfisher County | 23 | Late Afternoon | | | 0 | 0 | 0 | 0 | | | Hail and funnel aloft Hailstones up to 1 3/4 inches in diameter fell, but no damage was reported. A funnel cloud aloft was reported over Cashion. |
| 8SW Hennessey, Kingfisher County | 23 | Late Afternoon | | | 0 | 0 | 0 | 0 | | | Hail Hailstones up to 3 inches in diameter fell, but no damage reported. |
| Cushing, Perkins, Ripley area, Payne County | 23 | 6:50p.-7:30p. | 12 | 250-450 | 0 | 0 | 5 | 0 | | | Tornado and wind. Tornado first touched down west of SH-177 south of Perkins and moved in a northeastward direction for approximately 12 miles. The funnel did not remain on the ground continuously. Thirteen homes were damaged or destroyed in the Perkins-Ripley area. Approximately 10 head of livestock were killed or badly injured by the tornado. Numerous trees were uprooted along the tornado path. Property damage from the tornado was estimated at one-half million dollars. Some wind damage was reported at Cushing. |

See reference notes at end of table.

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| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Oklahoma (continued) | | | | | | | | | |
| Pawhuska, Osage County | 23 | 7:00p. | | | | | | | Funnel aloft |
| Tulsa, Tulsa County | 23 | 8:00p. | | | 0 | 1 | 4 | 0 | Lightning |
| Man injured when struck by lightning in front yard of his home. Lightning also struck three homes in Tulsa. | | | | | | | | | |
| Broken Bow, McCurtain County | 23 | 9:00p. | | | 0 | 0 | 4 | 0 | Wind |
| Strong wind caused several thousand dollars damage to a lumber yard 5 miles east of Broken Bow. Nine buildings were damaged or destroyed by wind. Window was broken out of a building just south of town and the building also sustained some damage to the ceiling. | | | | | | | | | |
| Ill Winita, Craig County | 23 | 11:00p. | 1 1/2 | Narrow | 0 | 0 | 3 | 0 | Tornado |
| Tornado touched down and bounced along for approximately 1 1/2 miles before lifting. There was several thousand dollars property damage. | | | | | | | | | |
| Near Jones, Oklahoma County | 25 | Around 7:00p. | | | | | | | Funnel aloft |
| Oklahoma, Grady, and Canadian Counties | 25 | Late Afternoon | | | 1 | 0 | 1 | 1 | Tornado, hail, wind, rain, and 8 funnels aloft |
| A tornado touched down near Choctaw and slipped along a 3/4-mile path before lifting. Trees were uprooted, roofs were torn from sheds and barns, and 1/2 mile of irrigation pipe was damaged. Eight funnels aloft were sighted in the surrounding Oklahoma City area. Hailstones measuring up to 1 3/4 inches in diameter were reported at Del City and Choctaw, and 1-inch hail at Tuttle. Two-inch hail fell 5 miles north of Harrah. Winds in excess of 60 MPH were reported at Del City. Some street flooding occurred in south-eastern sections of Oklahoma City. A railroad employee was killed in northern Grady County when a telegraph pole he was leaning against was struck by lightning. | | | | | | | | | |
| Enid, Garfield County | 26 | 8:30p. | | | | | | | Funnel aloft |
| Kay, Grant, and Noble Counties | 26 | Evening | | | 0 | 0 | 4 | 0 | Severe thunderstorms and 2 funnel clouds |
| Five farm buildings and five spans of power lines were blown down near Blackwell. Power lines were blown down at Medford and Newkirk. Two barns burned after being struck by lightning near Newkirk. Lightning struck the utility plant at Ponca City knocking power out in the city for nearly an hour. Winds were clocked at 58 MPH at Ponca City. Several farm buildings were damaged by strong wind near Billings. Tree limbs were blown off and some trees uprooted throughout the area. Hailstones measuring up to 1 inch in diameter caused an unknown amount of crop damage in the Tonkawa area. One funnel aloft was sighted near Blackwell and another near Newkirk. | | | | | | | | | |
| Garber, Garfield County | 26 | Evening | | | | | | | Funnel aloft |
| Selling area, Dewey County | 27 | 6:00p.-10:50p. | | | 0 | 0 | 4 | 0 | Tornado, hail, wind, and rain |
| Tornado touched down briefly 5 miles southeast of Selling. Several farm buildings were damaged or destroyed. Hailstones, mostly pea size, but some as large as 1 3/4 inches in diameter fell in the area. Official rainfall at Selling was 2.90 inches and unofficial reports in the area east of Selling ranged upward to 5 inches. Highway 60 northeast of Selling was flooded for a short time. There were no reports of crop damage. | | | | | | | | | |
| SSE Taloga, Dewey County | 27 | 7:57p. | | | 0 | 0 | 0 | 0 | Tornado |
| Tornado touched down briefly but caused no damage. Funnel was moving northeast. | | | | | | | | | |
| Oregon | | | | | | | | | |
| Rogue River Valley | 4 | 7-9 PM | 50 | 20 miles | 2 | Few | 5 | 4 | Lightning, Wind, Hail, Heavy Rain |
| Heavy rain and golf ball size hail stones produced near 1-1/2 inches precipitation in 45 minutes at Ashland. Hail caused some roof and crop damage. Lightning started a house fire in which 2 children perished. Heavy runoff that exceeded drainage facilities both in the city of Ashland and in the Rogue River National Forest caused heavy damage to basement contents, streets, roads, culverts and other drainage facilities. | | | | | | | | | |
| Most of central and southeastern Oregon | 5 | Most of late afternoon | | | 0 | Few | 6 | 5 | Lightning, Wind, Hail, Heavy Rain |
| Winds peaking at over 70 mph at Redmond Airport caused widespread power and telephone service outages in central Oregon. Lightning strike on large power substation near Klamath Falls caused estimated million dollars' damage. At Vale some farm buildings and crops damaged by wind and a motel destroyed by fire caused when wind-felled tree dropped a power line across its roof. In Sherman County approximately 10,000 acres of wheat and barley suffered 50% or more loss due to hail. At Pilot Rock cloudburst sent a wall of | | | | | | | | | |
| Oregon (continued) | | | | | | | | | |
| Scattered areas | 7-8 | Late afternoons | | | 0 | Few | 4 | 4 | Lightning, Hail, Wind, Rain |
| water down Birch Creek through center of town and washed many thousands of tons of rock, mud and other debris onto crop and pasture land and across roads. There were 29 reported small fires started by lightning in Deschutes National Forest and 26 in Ochoco National Forest. | | | | | | | | | |
| On 7th pilot reported encountering up to 1" diameter hail aloft 20 miles north of Baker. In Baker direct hits on power and telephone lines knocked out service for up to 2 hours in parts of city and up to 12 hours in surrounding communities. At Richland high winds on 8th caused numerous power and telephone service outages. Hail and rain caused considerable crop damage. A rain-caused slide closed Highway 85 between Baker and Richland for several hours. At Seaside lightning set a garage afire destroying it and a large boat and boat trailer stored in it. | | | | | | | | | |
| North central and Northeast Oregon | 9 | Afternoon and evening | | | 0 | None known | 5 | 5 | Heavy Rain |
| A cloudburst in the hills surrounding Heppner sent a wall of water through the center of town flooding practically all homes and some business establishments in the lower area. It is estimated at least a fourth of the city's homes suffered substantial water and mud damage. At Paisiie City flooding from a cloudburst there moved one home off its foundation, washed a number of parked cars into creek beds. Bales of hay were washed away in some fields while others were buried under rock and mud slides. Large sections of roads and some highways were either washed out or buried by slides. At Madras a rainfall of over 1-1/2 inches in about an hour flooded a large filling station and a trailer court, halted traffic into the city from the north. In the Willowa Valley some homes in the lower outskirts of Enterprise and Willowa were flooded. Near Willowa Lake yards of several summer homes were washed away and large piles of logs, rocks and mud were left piled around the buildings themselves. Forest trails in the area were heavily damaged as mountain streams became raging torrents. | | | | | | | | | |
| South central and Southeastern Oregon | 10 | Afternoon | | | 0 | 0 | 3 | 4 | Lightning, Hail, Wind |
| A violent lightning storm struck Klamath Falls for the 6th consecutive day. Between Vale and Ontario a four square mile area of grain, beets, alfalfa and row crops were severely damaged by hail. At Madras gusty wind broke the tops out of a number of trees. | | | | | | | | | |
| 24 Miles Northeast of Medford | 11 | Afternoon | 0 | 0 | 0 | 0 | 0 | 0 | Funnel Cloud |
| Pilot reported funnel cloud moving southeast. No reported touchdown. | | | | | | | | | |
| Parts of Washington, Multnomah and Clackamas counties | 23 | Afternoon | | | 0 | 0 | 3 | 6 | Heavy Rain |
| (This includes total damage resulting from frequent rains but that could not be identified with particular storms.) | | | | | | | | | |
| Very heavy rains in parts of these 3 counties spoiled a large number of cherries and berries. Some hay, grain and grass seed were either destroyed or greatly lowered in quality. | | | | | | | | | |
| Treasure Valley east of Vale | 27 | Afternoon | | | 0 | 0 | 3 | 4 | Hail |
| Hail stones were generally not more than 1/4 inch in diameter, but fall was very heavy with depths of 4-5 inches piling up in a few minutes. They riddled the foliage on several hundred acres of beets, corn, hops and literally threshed grain fields. The hail plugged irrigation ditches which overflowed to add to the general destruction. | | | | | | | | | |
| Pacific | | | | | | | | | None reported |
| Pennsylvania | | | | | | | | | |
| Central Pa. | 2 | Afternoon + night | | | 1 | 4 | | | Thunderstorm, wind |
| Winds uprooted trees, downed power lines, and damaged roofs. Houses in Philipsburg and Tyrone were struck by lightning. Hail was reported in Centre County. In Bradford a tree struck a house with an estimated \$2,000 damage resulting, and trees damaged a home in Williamsport. Wind tore the roof off a home in Johnsonburg. Lightning in Wellstaro caused \$2,000 damage. | | | | | | | | | |
| Cumberland County | 3 | Night | | | | | 4 | | Lightning |
| Lightning struck barn and the building burnt, killing three horses and a pony. Loss estimated at \$20,000. | | | | | | | | | |
| West and Central Pennsylvania | 5 | Night | | | | | 3 | | Lightning |
| Scattered thunderstorms over the area with lightning killing seven heifers in Centre County (estimated damage \$3,000), and striking a home in Allegheny County. | | | | | | | | | |
| Cambria County | 6 | Afternoon | | | | | 4 | 4 | Thunderstorm, hail |
| In Nanty Glo there was extensive damage done to homes, gardens, and public property. Flash floods were over three feet high. Hailstones measured up to 3/4". | | | | | | | | | |
| York County | 8 | Night | | | 2 | 4 | | | Thunderstorm, wind |
| In Stewartstown high winds destroyed a housetrailer. | | | | | | | | | |

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| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Pennsylvania (continued) | | | | | | | | | |
| West and Central Pennsylvania | 13 | Afternoon | | | | | 4 | | Lightning |
| | Lightning damage at New Kensington (residence), Chambersburg (Post Office), Flemington (residence). Flash floods in Mont Alto, South Mountain, and Quincy covered the area with water. Flooding undermined a house in Waynesboro with damage at \$1,500. | | | | | | | | |
| Lancaster County | 14 | Afternoon | | | | | 4 | | Lightning |
| | Lightning damage was \$10,000 to one house \$8,000 to another. Numerous reports of flash flooding. | | | | | | | | |
| Eastern Pa. | 15 | Afternoon and evening | | | 1 | 4 | 4 | | Lightning |
| | Lightning struck a house and utility lines at Lock Haven. At Leighton a girl was temporarily paralyzed by a bolt of lightning while talking on the phone. Flash flooding and power failures occurred in Philadelphia. Extensive damage to church in Bloomsburg due to lightning. Costly damage to homes, highways, secondary roads, and smaller bridges. There was severe damage to crops in Lebanon and Blair County. | | | | | | | | |
| Northwest Pa. | 19 | Afternoon and evening | | | 2 | 4 | 3 | | Lightning, wind, hail |
| | Hailstones as big as mothballs in Bradford area along with heavy wind that felled trees and power lines and damaged houses. In DuBois a man was injured when wind smashed store windows. Also fair tents, trees, and wires were felled. Lightning caused minor damage power blackouts in Mercer County. | | | | | | | | |
| Northeast Pa. | 20 | Afternoon and evening | | | | | 2 | | Wind, hail |
| | Sections had marble-sized hail. Power lines and trees were felled. Scranton experienced some minor flooding. | | | | | | | | |
| Extreme Southeast Pennsylvania | 23 | Afternoon and evening | | | 3 | 4 | 4 | | Thunderstorms-lightning, hail |
| | Severe thunderstorm gave 1" hail in Philadelphia area during mid-afternoon hours. Heavy flooding occurred on the Schuylkill Expressway. A policeman was knocked unconscious while operating a traffic light and a woman was treated for electrical burns caused by lightning. In Lancaster County a man was struck by lightning during the afternoon, and scattered power failures were reported. 1" hailstones were also reported in Chester County, 59 knot gusts were recorded in Philadelphia. | | | | | | | | |
| Northwest Pa. | 26 | Afternoon | | | 2 | 4 | 2 | | Lightning, hail |
| | Two men were struck by lightning in the Jeannette area, and lightning destroyed a frame structure and killed 5 dairy cows near Sharon. 3/4" hail was reported at DuBois. | | | | | | | | |
| Northwest Pa. | 27 | Evening | | | | | 5 | | Lightning |
| | Lightning struck a plant leveling an entire city block. The damage was extensive. Electrical and telephone service was interrupted throughout the area. | | | | | | | | |
| Northwest Pa. | 30 | Afternoon | | | | | 4 | | Lightning, wind |
| | Lightning set off two fires causing \$3,000 damage to a barn and destroyed one dwelling completely. High winds ripped roofs from buildings. A scale house for weighing tractor-trailer rigs on I-90 was destroyed by lightning. | | | | | | | | |
| Puerto Rico | | | None reported | | | | | | |
| Rhode Island | | | None reported | | | | | | |
| South Carolina | | | | | | | | | |
| Anderson County | 8 | Afternoon | | | 0 | 0 | 4 | 0 | Thunderstorms, lightning |
| | Lightning set fire to a house in Williamston and almost completely destroyed the building and furnishings. | | | | | | | | |
| Greenville and Lancaster Counties | 8 | Afternoon & evening | | | 0 | 0 | 4 | 3 | Thunderstorms, wind, hail and lightning |
| | A roof was blown off a building near Conestee in Greenville County. Five persons in the building were uninjured. In southern Lancaster County several places reported damage. Winds collapsed a shed in Kershaw and lightning set fire to a house, damaging it considerably. Wind blew some trees down, hail damaged crops and lightning set fire to a church in Heath Springs. Corn was damaged by hail at Pleasant Hill and lightning set fire to a house, damaging it considerably. Corn also suffered hail damage at Rich Hill. | | | | | | | | |
| Darlington County | 8 | Evening | | | 0 | 0 | 0 | 4 | Thunderstorms, hail. |
| | Hail did extensive damage to 75 to 100 acres of tobacco. | | | | | | | | |
| Union County | 9 | Early morning | | | 0 | 0 | 5 | 0 | Thunderstorms, lightning |
| | Lightning set fire to a church in Union. It was a total loss. | | | | | | | | |
| South Carolina (continued) | | | | | | | | | |
| York County | 9 | 6:00 p. | | | 1 | 0 | 2 | 2 | Thunderstorms, lightning |
| | A Fort Mill man was struck and killed by lightning while standing in his back yard. Minor damage was done to crops and property during the storms. | | | | | | | | |
| Oconee, Pickens and Newberry Counties | 9 | 5:30 to 8:00 p. | | | 0 | 0 | 4 | 0 | Thunderstorms, lightning and wind |
| | Seven cows were killed by lightning and a house trailer overturned by wind in the Westminster-Seneca area of Oconee County. Lightning set fire to and destroyed a house and its contents near Easley in Pickens County. A school was badly damaged by fire which was set by lightning at Pomatia in Newberry County. | | | | | | | | |
| Charleston County | 20 | 5:00 p. | | | 0 | 0 | 0 | 0 | Waterspout |
| | A waterspout touching the ocean surface was reported ten miles offshore near Charleston by an aircraft pilot. | | | | | | | | |
| Bamberg County | 22 | 8:00 p. | | | 0 | 0 | 4 | 0 | Thunderstorm, lightning |
| | Lightning set fire to a house in the city of Bamberg. The house and contents were completely destroyed. | | | | | | | | |
| Cheraw County | 23 | Evening | | | 0 | 1 | 3 | 0 | Thunderstorm, wind |
| | High winds damaged several buildings, blew down a large antenna and many tree limbs in Cheraw. One man was injured when a plate glass window blew in at his place of business. | | | | | | | | |
| Greenville County | 24 | Afternoon | | | 1 | 0 | 0 | 0 | Thunderstorms, lightning |
| | A woman was killed by lightning in the yard of her home at Traveler's Rest. She was taking clothing off a metal clothesline when lightning struck one of the trees holding the line. | | | | | | | | |
| Laurens County | 24 | 4:15 p. | | | 0 | 0 | 5 | 0 | Thunderstorm, lightning |
| | A furniture warehouse and its contents of new furniture were destroyed by a fire which was started by lightning. | | | | | | | | |
| Anderson and Pickens Counties | 29 | 6:00 p. | | | 0 | 0 | 2 | 4 | Thunderstorms, hail |
| | Over 100 acres of young cotton was ruined by hail near Townville in Anderson County. Trees were blown down in several areas in Pickens county and golfball-size hail fell in the town of Clemson. | | | | | | | | |
| South Dakota | | | | | | | | | |
| Winner 20S, Tripp County | 10 | 2:45 p | | | 0 | 0 | 0 | 0 | Tornado |
| | Funnel cloud touched down several times in open field with no damage reported. | | | | | | | | |
| Northern Turner County | 21 | 9:00-10:00 a | 20 | *1 | 0 | 0 | 4 | 4 | Hail |
| | Hail averaging 1/2 inch with largest to 3 inches damaged crops and a few buildings. Storm moved from NW to ESE. | | | | | | | | |
| Tyndall area, Bon Homme County | 21 | 6:00-6:35 p | 11 | *1 1/2 | 0 | 0 | 5 | 4 | Hail and wind |
| | Hail path extended from 5 miles west of Tyndall directly over city and to 6 miles southeast. Damage estimated at \$325,000 caused to property with \$50,000 to crops. Hail averaged 2 1/2 inches with largest 3 1/4 inches. Storm moved from NW to ESE. | | | | | | | | |
| Oelrichs-Cascade area, Falls River County | 21 | 6:00-6:30 p | 10 | *1 | 0 | 0 | 4 | 5 | Hail |
| | Hail averaging 1 inch with largest to 2 1/2 inches caused an estimated \$200,000 damage to crops and an estimated \$25,000 damage to property. Storm moved from NW to SE. | | | | | | | | |
| Northern Clay and Union Counties | 21 | 9:15-9:45-p | 30 | *1-4 | 0 | 0 | 4 | 5 | Hail and wind |
| | Hail path extended from Irene through Alsen and Nora to Iowa border. Damage was spotty along path. Hail in damage area averaged 2 inches with largest to 4 inches. Storm moved from NW to SE. | | | | | | | | |
| Yankton 21 E | 25 | About 2:50 a | | | | | | | Funnel cloud |
| Corsica area, Douglas County | 25 | 10:00 a | 3-4 | 200 | 0 | 2 | 4 | 0 | Tornado |
| | Storm moved from SW to NE damaging or destroying buildings on 4 farmsteads. A mother and child were injured by flying glass. | | | | | | | | |
| Salem, Bridgewater and Freeman areas, McCook and Hutchinson Counties | 25 | 11:00-11:30 a | | | | | | | Funnel clouds aloft |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| South Dakota (continued) | | | | | | | | | |
| Eastern S. D. | 25 | Afternoon | | | 0 | 0 | 5 | 5 | Strong wind, locally heavy rain and spotty hail |
| | | | | | | | | | Locally heavy rain of up to one inch in 15 to 20 minutes caused some flash flooding. Strong winds destroyed or damaged many farm buildings and trees as well as a few mobile homes. Wind of 60-70 MPH with gusts to 80 MPH was reported at Brookings airport. Spotty hail damaged a few fields. |
| Sully and Hughes Counties | 25 | Afternoon | | | | | | | Heavy rain |
| | | | | | | | | | Locally heavy rain caused flash flooding. Bridge near Harrold was washed out. Official report of 3.40 inches at Onida. Unofficial reports of 10 inches near Harrold and 6 inches in Harrold. |
| Chester | 25 | 12:10 p | | | | | | | Funnel cloud aloft |
| | | | | | | | | | Cloud moved eastward |
| Miranda 7ENE and area, Faulk County | 25 | About 2:25 p | ? | ? | 0 | 0 | 4 | 0 | 2 tornadoes and 2 funnel clouds aloft |
| | | | | | | | | | One funnel touched down briefly damaging a farm home. Another funnel touched down several times in open field described by highway patrolman as taking giant pogo-stick hops. |
| Huron 31NNW | 25 | 3:10 p | | | | | | | Funnel cloud aloft |
| | | | | | | | | | Cloud moved northeastward |
| Groton, Brown County | 25 | 3:15 p | 1 1/2 | 100-150 | 0 | 6 | 5 | 0 | Tornado |
| | | | | | | | | | Storm moved from SW to NE through Groton causing damage estimated from \$250,000 to \$300,000. Four persons were hospitalized with injuries and two were less seriously injured. |
| Aberdeen SE | 25 | Before 5:00 p | ? | ? | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Apparently touched down in open field with no damage reported. |
| Lennox 3S | 28 | Morning | | | 0 | 0 | 3 | 0 | Lightning |
| | | | | | | | | | Lightning struck a tree and killed a head of cattle that were sheltered under it. |
| Canton area | 28 | 7:33 p | ? | ? | 0 | 0 | 5 | 0 | Tornado and high winds |
| | | | | | | | | | A tornado destroyed 2 large barns and cattle shed on a farm 1 mile S and 1 mile W of Canton as it moved from SW to NE. Extensive wind damage was reported in Canton and surrounding area. A small aircraft flying in the area had an aileron torn off due to severe turbulence and was forced to land in a pasture. It flipped over as it landed but no injuries. |
| Tennessee | | | | | | | | | |
| Kodak, Sevier County | 1 | p.m. | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | A house was set afire by lightning during a severe thunderstorm and was completely destroyed. |
| Morristown, Hamblen County | 9 | p.m. | ? | ? | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | Hailstones up to 1-inch in diameter fell in various parts of the city. No damage reported. |
| West Tennessee | 14 | | | | 0 | 0 | 5° | C | Hail, wind |
| | | | | | | | | | Scattered areas of hail fell in Henry, Weakley, Gibson, Madison and adjacent counties. Stripes were generally 1/2 mile to one mile wide and 1/2 to 6 miles long. Most of the hailstones were 1/2 to 3/4 inch diameter, but some ranged up to golfball size. Crop loss was greatest in Weakley and Gibson Counties. Dresden in Weakley County was near the center of one storm containing large hail which destroyed large acreage of cotton, corn and garden crops. High winds damaged airports, farm buildings and trees. |
| Milan, Gibson County | 14 | p.m. | | | | | | | Funnel aloft |
| | | | | | | | | | Funnel cloud sighted northeast of city. Small hail observed in area at time of funnel cloud. |
| Knoxville, Knox County | 20 | 7:45 p.m. | | | 0 | 4 | 0 | 0 | Lightning |
| | | | | | | | | | Four persons injured, two critically, when struck by lightning at athletic field on Cherokee Boulevard watching a Little League Baseball game. |
| Memphis (near) Shelby County | 21 | 5:45 p.m. | | | 0 | 0 | 0 | 0 | Wind, hail |
| | | | | | | | | | Reports of high winds and hail on Highway 51, north of Memphis. No damage reported. |
| Statewide | 23 | a.m. | | | 2 | 1 | 6° | C | Heavy rains, flooding, wind, lightning. |
| | | | | | | | | | Severe thunderstorms associated with a slow-moving frontal system lashed Tennessee and caused heavy damage estimated at 8.6 millions of dollars. Accompanied with sustained winds of 30 to 40 mph and gusts to 60 mph, hail and lightning, several rain gauges in the mid-state area measured 6 to 8 inches of rainfall in a 6-hour |

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tennessee (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | period. Some trees were blown down and broken limbs resulted in varying damage to buildings, automobiles and utility lines in widely dispersed communities. Lightning fires heavily damaged farm buildings and a house in Lebanon. Heavy rains temporarily flooded low areas, streets, highways and several underpasses. Heavy crop damage was reported to corn and garden crops. Private real estate losses were estimated at \$7.5 millions and \$1.1 million to public facilities. The area of greatest damage was in Red Boiling Springs, population 900, where two young girls drowned, trapped in their home by the high water; the mother was injured. Damage in the Red Boiling Springs area from flash flooding is described below: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Red Boiling Springs: The torrential rains, most of which fell in a 6-hour period exceeded the estimated 6-hour 50 year storm total at most points in the immediate storm area. Unofficial reports estimated rainfall totals were in excess of 9 inches, and possibly 10 inches fell on the watershed of Salt Lick Creek in the south part of Red Boiling Springs. Additional heavy rains fell on Long Hungry Creek watershed west of town, and along the Barren River north of town. Several other feeder streams which flow northward into the Barren River, such as Big Trammel and Little Trammel Creeks in northern Sumner County were flooded. Flood damage in Macon and surrounding Counties was the result of rampaging small feeder streams, most of which flow northward into the Barren River. Rain fell most of the night at Red Boiling Springs and on the watershed of Salt Lick Creek. With the creek already bankfull, additional heavy rains fell in the area. Before dawn on the 23rd, Salt Lick Creek emptied such a torrent, that a wall of water estimated at 5 to 7 feet in height came swirling and crushing through the town. Houses, automobiles, street pavement and small buildings tumbled along like children's toys in a drainage ditch. At 6:00 a.m., the water was still 3 and 4 feet higher than most bridges remaining in town. By about mid-day, most of the flood water had receded. Silt was hardly noticeable closest to the banks of Salt Lick Creek, and the ground was relatively firm, a result of the speed of the rise and fall of the water. The peak crest was the greatest experienced in the area. Rainfall amounts dropped off sharply to the south and east of the flood area with storm totals below one inch in parts of central Middle-Cumberland Plateau Climatological Divisions. A survey of the storm area showed the flood hit about 75 percent of Red Boiling Springs. Forty-nine families sustained property losses; seven homes were destroyed; twenty-three homes damaged; one business place destroyed and several heavily damaged. It was reported that flooding washed out many roads, bridges and rural roads, isolating families and blocked rural mail routes; causing considerable damage to corn and garden crops in low-lying parts of several surrounding counties. Property damage in Red Boiling Springs was estimated in excess of \$2,000,000. Rainfall amounts for various periods in the storm area on June 23, are given below: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Time (GST)</th> <th>Inches</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Portland SE, Sumner County</td> <td>03:00 to 05:00</td> <td>1.6</td> </tr> <tr> <td>05:00 to 07:00</td> <td>5.2</td> </tr> <tr> <td>07:00 to 10:00</td> <td>1.7</td> </tr> <tr> <td></td> <td></td> <td>TOTAL 8.5</td> </tr> <tr> <td rowspan="3">Livingston, Overton County</td> <td>02:45 to 04:00</td> <td>0.1</td> </tr> <tr> <td>04:00 to 07:00</td> <td>5.3</td> </tr> <tr> <td>07:00 to 12:00</td> <td>0.7</td> </tr> <tr> <td></td> <td></td> <td>TOTAL 6.1</td> </tr> <tr> <td rowspan="2">Monterey, Putnam County</td> <td>05:30 to 06:00</td> <td>2.2</td> </tr> <tr> <td>06:00 to 11:00</td> <td>3.8</td> </tr> <tr> <td></td> <td></td> <td>TOTAL 6.0</td> </tr> <tr> <td>Dale Hollow Dam, Clay County</td> <td>08:00 (22nd) to 08:00 (23rd)</td> <td>6.0</td> </tr> <tr> <td>Haydenburg, (Fire Tower) Jackson County</td> <td>13:00 (22nd) to 13:00 (23rd)</td> <td>7.7</td> </tr> </tbody> </table> | | Time (GST) | Inches | Portland SE, Sumner County | 03:00 to 05:00 | 1.6 | 05:00 to 07:00 | 5.2 | 07:00 to 10:00 | 1.7 | | | TOTAL 8.5 | Livingston, Overton County | 02:45 to 04:00 | 0.1 | 04:00 to 07:00 | 5.3 | 07:00 to 12:00 | 0.7 | | | TOTAL 6.1 | Monterey, Putnam County | 05:30 to 06:00 | 2.2 | 06:00 to 11:00 | 3.8 | | | TOTAL 6.0 | Dale Hollow Dam, Clay County | 08:00 (22nd) to 08:00 (23rd) | 6.0 | Haydenburg, (Fire Tower) Jackson County | 13:00 (22nd) to 13:00 (23rd) | 7.7 |
| | Time (GST) | Inches | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portland SE, Sumner County | 03:00 to 05:00 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 05:00 to 07:00 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 07:00 to 10:00 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Livingston, Overton County | 02:45 to 04:00 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 04:00 to 07:00 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 07:00 to 12:00 | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Monterey, Putnam County | 05:30 to 06:00 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 06:00 to 11:00 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dale Hollow Dam, Clay County | 08:00 (22nd) to 08:00 (23rd) | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Haydenburg, (Fire Tower) Jackson County | 13:00 (22nd) to 13:00 (23rd) | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Frasser, Shelby County | 24 | 2:30 a.m. | 1/2 | narrow | 0 | 0 | 4 | 0 | Tornado | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Tornado reported sighted by Red Cross representative. Trees downed, some roofs and a building damaged. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Union City, Obion County | 24 | 4:30 a.m. | | | 0 | 0 | ? | ? | Wind | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Wind gusts to 50-60 mph reported in scattered thunderstorms. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| East Half of State | 24 | | | | 0 | 1 | 5° | C | Wind, hail, lightning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Heavy convective rains and thunderstorms caused considerable damage over area, including scattered reports of marble-size hailstones from Hamilton County northeastward to Sullivan County. High wind damaged roofs, uprooted trees, electrical service disrupted, while locally very heavy rains caused temporary flooding of streets, buildings, underpasses and homes. A woman was injured when her mobile trailer overturned. Winds on Signal Mountain in Chattanooga estimated at 50-60 mph near a passing thunderstorm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memphis, Shelby County | 24 | 1:50 a.m. | | | 0 | 0 | 4 | 0 | Wind | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Squall line thunderstorms over area. Considerable minor wind damage in city consisted of overturned mobile trailers, broken tree limbs, dislodged shingles, and damaged power lines. At Memphis International Airport, a hangar door was blown in at Memphis Aero Corporation, damaging two aircraft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| Tennessee (continued) | | | | | | | | | |
| Lebanon, Wilson County | 23 | 08:45 a.m. | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | House and furnishings damaged by lightning and fire. |
| Coffee County | 23 | p.m. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Strong winds caused miscellaneous damage to trees, roofs and farm buildings. |
| Tri-City Airport, Sullivan County | 28 | p.m. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Several small aircraft and hangar damaged. Wind damage was also reported in surrounding area. |
| Texas | | | | | | | | | See data at end of table |
| Utah | | | | | | | | | |
| Kearns, Salt Lake County | 6 | afternoon | | | 0 | 1 | 0 | 2 | Lightning |
| | | | | | | | | | Lightning struck an eleven year old boy returning home from a fishing trip on his bicycle, knocking him unconscious to the ground. Hospital employees reported that his injuries were not serious although he was cut where his head struck the pavement and several stitches were required. |
| Salt Lake and Utah Counties | 10 | afternoon | | | 0 | 3 | 3 | 2 | Funnel cloud and lightning |
| | | | | | | | | | A funnel cloud which did not touch the ground was observed by a pilot of a commercial aircraft over Lehi, some 20 miles south of Salt Lake City. The same series of thunderstorms which initiated the funnel cloud resulted in a freak accident to three of a foursome playing in the Hercules Gold Tournament outside of Salt Lake City. One of the four was holding an umbrella to ward off the heavy rain when lightning struck the tip and coursed through his body to the ground. Both his pants and shirt were shredded and second degree burns were left on his body. Two of his companions were stunned and knocked to the ground but their injuries were not serious. |
| Northern Cache County | 20 | afternoon and evening | | | 0 | 0 | 0 | 4 | Hail damage |
| | | | | | | | | | A series of heavy local thunderstorms swept across northern Cache County during the afternoon and evening stripping leaves from corn and sugar beets, completely destroying the crop. Damage was estimated into the thousands of dollars. Hail up to 3/4 of an inch was reported. |
| Box Elder, Davis, Juab and San Juan Counties | 24 | afternoon and evening | | | 0 | 0 | 0 | 5 | Hail and wind damage |
| | | | | | | | | | A series of intense thunderstorms accompanied by strong winds and 3/4 inch hail swept across sections of each of the listed counties destroying alfalfa seed, beans, cherries, corn and other crops. Damage to cherries in Box Elder County was a final blow to what had looked like one of the best cherry crops in years. Damage ran into many thousands of dollars. |
| Vermont | | | | | | | | | |
| Northern portion | 13 | Mid-day | | | 0 | 0 | 4 | 3 | Lightning, rain |
| | | | | | | | | | Church steeple damaged in Burlington by lightning, with other scattered lightning damage. Mostly minor washing and flooding from locally heavy rains. |
| State | 15 | | | | 0 | 0 | 4 | 3 | Rain, lightning, wind |
| | | | | | | | | | Scattered heavy rain reached "cloudburst" proportions in some areas where totals were frequently from 2 to 4 inches, mostly in a short time. Considerable washing and flooding in the localized areas. Some damage from lightning and wind. |
| Southern portion | | | | | | | | | |
| | 20 | PM | | | 0 | 0 | 4 | 3 | Lightning, wind, rain |
| | | | | | | | | | Scattered lightning damage, including some to a school in Brattleboro. Many trees and limbs felled by wind, with utility outages. Several vehicles crushed by falling trees. Locally heavy washing and flooding rains. Storm activity continued in some areas into early the next day. |
| State | 28 | | | | | | | | Scattered thunderstorms caused lightning and wind damage. A barn at Barre was destroyed by an early morning storm. Some utility outages from wind damage. Some crop damage from heavy rain. |
| U. S. Virgin Islands | | | | | | | | | |
| | | | | | | | | | None reported |
| Virginia | | | | | | | | | |
| Northern Shenandoah Valley | 1 | Aftn | | | | | 4 | | Wind, lightning |
| | | | | | | | | | A silo and two sheds were demolished in Rockingham County, streets were flooded and trees uprooted in Luray, Page County, the water pumping station in Front Royal was destroyed by fire which was caused by lightning, and in Clarke County a barn was unroofed and trees uprooted. |
| Virginia (continued) | | | | | | | | | |
| Carroll County | 1 | Aftn | | | | | 4 | | Lightning |
| | | | | | | | | | Four people were struck by lightning with two of them requiring hospitalization. Ten cattle were killed by lightning near Coal Creek and fire caused by lightning destroyed a house in the Cans section. |
| Rappahannock, Louisa, Spotsylvania, King William Counties and Richmond, Hopewell, Petersburg areas | 8 | After 5 P.M. | | | | | 4 | 0 | Wind, lightning, hail |
| | | | | | | | | | Fire caused by lightning destroyed a barn and two houses in Rappahannock County, a lumber company office and a barn in Spotsylvania County, an industrial building and an unoccupied nursing home in Louisa County. Power outages occurred in the Richmond, Hopewell, Petersburg area with 11,000 customers without power at one time or another. Hail one inch in diameter was reported 40 miles northwest of Richmond and in King William County it was reported the size of marbles with the damage area one mile wide extending northeastward from Manquin. |
| Richmond area | 18 | Night | | | | | 1 | | Wind, lightning |
| | | | | | | | | | A fire dispatcher, James E. Longest, was injured by lightning and required hospitalization. More than 17,000 customers were without power from one to several hours. High winds caused damage to trees affecting traffic and power lines, and blew out some windows in an apartment house. Hail was reported in the area and in the northwest section had a diameter of 1 1/8 inches. |
| Wallaceton in lower Chesapeake City | 18 | Night | **167 | 100 | | | 3 | | Tornado |
| | | | | | | | | | Path located about 2 to 3 miles south of Wallaceton. The funnel touched down on the west side of the Dismal Swamp Canal and moved eastward across the canal and highway 17. Damage consisted of fallen trees blocking the canal and highway. Trees up to 2 feet in diameter were felled and some snapped off 8 to 10 feet above the ground. Approximately 75 trees were downed with some of them parallel to the storm path and others to the right and left of the path. |
| Northampton County | 21 | Aftn | | Narrow | | | | | Tornado |
| | | | | | | | | | A tornado brushed by the stores on the waterfront at Oyster. It appeared as a waterspout initially but was a mixture of dust, water, boards, and boxes as it passed from view. At Chesapeake Crossroads it moved through from the northeast to the southwest flattening a tomato patch and destroying one end of a concrete block house. Further south at Beaview a two car garage was picked up and smashed in addition to tree and crop damage. |
| Winchester area | 27 | Aftn | | | | | 03 | 0 | Hail, rain |
| | | | | | | | | | Heavy rain with hail 1/2 to 3/4 inch in diameter flooded streets and basements, destroyed gardens, unroofed a barn, uprooted trees and downed utility lines. |
| Washington | | | | | | | | | |
| East of Cascades | 7-8 | | | | | | 4 | 4 | Thunderstorm |
| | | | | | | | | | Heavy showers associated with thunderstorm activity in southern counties during the evening of 7th and early morning of 8th resulted in damage to highways in Klickitat county and flooding of a basement in Kennewick. |
| Spokane | 12 | 5 AM | | | | | 1 | | Lightning |
| | | | | | | | | | A youth delivering morning newspapers in residential section of Spokane was killed by lightning. |
| Central Basin | 12 | Evening | | | | | 3 | 4 | Thunderstorms |
| | | | | | | | | | Wind and hail associated with thunderstorms in the Central Basin and a few other localities resulted in some crop and property damage in the vicinity of Moses Lake and Okelby. Power outages occurred in other areas. |
| West Virginia | | | | | | | | | |
| Point Pleasant, Mason County | 6 | night | | | 0 | 0 | 3 | 0 | Lightning |
| | | | | | | | | | Two houses and a barn were damaged by fires caused by lightning from a severe electrical and wind storm which swept over the Bend area. Many power and telephone lines were knocked down. |
| Statewide | 8 | 5:25 to 6:30 p.m. | | | 0 | 0 | 4 | ? | Hailstorm and windstorm |
| | | | | | | | | | One inch hailstones were reported in many areas: Charleston, Grafton, Madison, Martinsburg, Parkersburg and Westch. Winds over 60 miles per hour were reported at Charleston and Charles Town (Jefferson County). Parkersburg residents termed this the most hail in over 50 years. Near Parkersburg, golf-ball sized hail stones dented cars and put holes in convertible tops. Many trees were uprooted. A house trailer was overturned and a barn demolished in Berkeley County. |
| Mercer County | 24 | afternoon | | | 0 | 0 | 4 | 3 | Windstorm |
| | | | | | | | | | Three cows and a bull were electrocuted along a wire fence when strong winds associated with a heavy thunderstorm snapped a power pole which fell onto the fence. One thousand phones were knocked out by the storm. Several automobiles and a garage were damaged by falling limbs in the city of Princeton. |
| Boone, Fayette and Raleigh Counties | 25 | late afternoon | | | 0 | 0 | 5 | 0 | Flash floods |
| | | | | | | | | | Heavy rain swelled creeks and streams in this three-county area, forcing residents from their homes, engulfing cars, and sweeping away three highway bridges, mostly in Raleigh County. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| West Virginia (continued) | | | | | | | | | |
| Petersburg area, Grant County | 26 | 4:30 to 6:00 p.m. | | | 0 | 0 | 4 | 3 | Thunderstorm |
| | A heavy downpour, accompanied by lightning, thunder and hail, made it seem that a repeat of the 1949 flash flood on the Potomac River was in the making. A foot bridge that remained intact during the 1949 flood was washed out. Many gardens were considered devastated, culverts and fences were washed out, and lightning set a barn on fire, destroying a considerable amount of hay. | | | | | | | | |
| Martinsburg, Berkeley County | 27 | 3:30 p.m. | | | 0 | 0 | 4 | ? | Windstorm |
| | Wind tore off part of the roof at Harris Motor Express. Damage to the structure and freight (from rain) was estimated at \$25,000. Eight plate glass windows were blown from the front of Dodson's furniture store. Trees in the storm's path sustained considerable damage. | | | | | | | | |
| Wisconsin (continued) | | | | | | | | | |
| Grant County | 4 | 1:00 p | 5 | 200 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado moving from NWW touched down NW Cassville along Settlement Road destroying buildings on 3 farms. 32 head of cattle killed on one farm as barn collapsed. Funnel lifted after crossing Hwy 81. | | | | | | | | |
| Grant, Lafayette Counties | 4 | 1:45 p | 25 | 200 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado formed about 10 SE Lancaster and moved SE toward Darlington. Extensive damage done to about 20 farms near Belmont. | | | | | | | | |
| Dane County | 4 | 4:00 p | 5 | 300 | 0 | 0 | 4 | 0 | Tornado |
| | Tornado moving ESE destroyed buildings on 3 farms along Jarge Road SW Deerfield. One house trailer also destroyed and another upended. | | | | | | | | |
| Southern Counties | 4 | pm | | | 0 | 0 | 5 | 5 | Hail, rain |
| | Heavy rain and large hail occurred in many areas causing flooding, erosion of fields, and damaged crops, buildings and cars. | | | | | | | | |
| Washburn and Barron Counties | 5 | 4:10 p | 10 | 100 | 0 | 0 | 4 | 0 | Tornado |
| | Tornado moving SE first struck at marina along SW edge of Long Lake 15N Rice Lake damaging 11 boats. Several farm buildings, cars and boats destroyed along path to a little east of Brill. Pilot reported funnel near Taylor-Rusk county lines at 5:50 pm 35 NNE Eau Claire. | | | | | | | | |
| Green County | 12 | 0:05 a | 1/4 | 50 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado touched down briefly after midnight and destroyed hangar with 7 aircraft 3 E Monroe. Tornado moved northeast. | | | | | | | | |
| Statewide | | | | | | | | | |
| | 12 | am | | | 0 | 0 | 6 | 0 | Wind, lightning |
| | Vigorous thunderstorms with heavy rain and some hail moved NE-ward across Wisconsin during the early morning hours. Numerous lightning fires occurred in southern, central and western portions of state. Wind damage occurred mainly in southern and eastern counties. | | | | | | | | |
| Southern and Eastern counties | 25 | pm | | | 4 | 0 | 6 | 6 | Rain, hail, wind |
| | Severe thunderstorms with strong winds, heavy rain and hail did extensive damage in many southern and eastern counties. Much stream flooding and severe soil erosion. Hail damage to crops widespread in Portage and Kewaunee counties. Two persons drowned at Green Bay and one off Milwaukee as their boats capsized. Twelve-year old girl drowned when sucked into a culvert at Watertown. | | | | | | | | |
| Traverse County | 25 | am | | | 0 | 0 | 4 | 0 | Lightning |
| | Herd of 25 cattle killed by lightning on farm 88 Osseo. | | | | | | | | |
| Grant County | 26 | 9 am | 2 | 100 | 0 | 2 | 4 | 0 | Tornado |
| | Tornado moving NE touched down SE Fenimore and destroyed several farm buildings. Two persons injured slightly as barn collapsed on them. Motorist within 100 yards of funnel as it crossed Hwy. 18. | | | | | | | | |
| Sauk County | 26 | 9:20 am | 3 | 100 | 0 | 0 | 4 | 0 | Tornado |
| | Tornado moving NE destroyed several farm buildings and an aircraft NW Haraboo. | | | | | | | | |
| Sauk County | 26 | 10:00 am | | | 0 | 0 | 5 | 0 | Tornado |
| | Tornado moving NE caused scattered damage at Badger Army Ammunition Plant. One 60-ton locomotive lifted off tracks. | | | | | | | | |
| Outagamie, Shawano, Brown and Oconto Counties | 26 | 11:15 am | 10 | 100 | 0 | 1 | 6 | 0 | Tornado |
| | Tornado moving NE between Black Creek and Pulaski caused extensive damage to trees and buildings near Black Creek, Seymour, Hofa Park, Elm Lawn and Pulaski. Seven-year old girl hospitalized from injuries when barn fell on her. | | | | | | | | |
| Jackson, Clark, Taylor, Lincoln, Oneida and Forest counties | 26 | 4 - 6 p | | | 0 | 4 | 6 | 0 | Tornado |
| | Skipping tornado associated with a severe thunderstorm cell first touched down near York in northwestern Jackson county at 4 pm destroying several farm buildings. Major damage along the track northeastward occurred next in the Withee area in northern Clark county at 4:10 pm. Two persons were injured and about 10 farms sustained damage. Major damage again occurred at the Taylor county airport near Medford at about 4:30 pm where 7 planes and 1 hangar sustained severe damage. Five more farms suffered severe damage in northeastern Lincoln county at about 5:30 pm in the towns of Skanawan and Harrison. Additional damage and 2 injuries occurred near Pelican Lake and Cranston. Tree and wire damage termed "worst ever" by utilities in northern resort areas. | | | | | | | | |
| Price, Iron and Vilas Counties | 26 | 4:30 pm | | | 0 | 0 | 5 | 0 | Tornado |
| | Skipping tornado moving NE-ward did scattered damage along path through forests from northeastern Price, southeastern Iron and western Vilas counties. Most damage occurred around Manitowish Waters. | | | | | | | | |
| Wisconsin (continued) | | | | | | | | | |
| Vilas County | 26 | 5:00 pm | | | 0 | 0 | 5 | 0 | Tornado |
| | Skipping tornado damaged resort areas from Fence Lake northeastward across Big Crooked and High Lakes to Michigan border. | | | | | | | | |
| Rock County | 26 | 5:20 p | 1/2 | 100 | 0 | 0 | 5 | 0 | Tornado |
| | Small tornado moving NE touched down briefly in Janesville area causing damage to several homes. | | | | | | | | |
| State | 26 | | | | 0 | 0 | 6 | 6 | Wind, rain, hail |
| | Severe thunderstorms with strong winds, heavy downpours and scattered falls of hail caused extensive damage around state. Soil erosion was severe, low fields drowned out, and damage in flooded basements extensive. Southern and eastern areas hardest hit. | | | | | | | | |
| Grant County | 29 | 4:30 p | 1 | 100 | 0 | 0 | 4 | 0 | Tornado |
| | Tornado moving ENE-ward touched down 6S Lancaster and leveled a farm building. | | | | | | | | |
| Lafayette County | 29 | 6:00 p | 10 | 200 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado moving ENE touched down near Shullsburg doing an estimated \$300,000 damage to 12 farms. Tornado moved just south of Burlington. Hail 2 1/2 inches in diameter and 6.35 inches of rain fell on city. | | | | | | | | |
| Southern Counties | 29 | pm | | | 0 | 0 | 7 | 6 | Wind, rain, hail |
| | Heavy property and crop damage caused by very heavy rain moving ENE-ward across southern tier of counties. Flooding occurred along the Pecatonica in Darlington and many smaller streams as far east as Racine and Kenosha counties. Some flash flooding also occurred in northern Dane county. Large hail fell in many areas. Flooded basements most numerous in populous Kenosha, Racine and southern Milwaukee county. Flood and crop damage may exceed \$10 million. | | | | | | | | |
| Racine and Milwaukee Counties | 29 | 8:00 p | 10 | 100 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado moving ENE-ward caused scattered damage along track from Michigan and Wind Lakes thru the Durban Hills area of Muskego to Franklin and Oak Creek. A barn, a warehouse and two hangars demolished. | | | | | | | | |
| Iowa and Dane Counties | 29 | 8:30 p | 5 | 100 | 0 | 0 | 5 | 0 | Tornado |
| | Tornado moving ENE touched down in eastern Iowa county and western Dane near Daleyville. Several farm buildings destroyed. | | | | | | | | |
| Wyoming | | | | | | | | | |
| Worland 25 W | 5 | 5:00 p. | | | 1 | 1 | 2 | | Lightning |
| | Lightning killed one boy and injured another while they were herding cattle. | | | | | | | | |
| Kemmerer 5 SW | 6 | 4:00 p. | | | 0 | 1 | | | Lightning |
| | Lightning injured open pit mine worker. | | | | | | | | |
| Cheyenne | 7 | Noon | | | 0 | 1 | | | Lightning |
| | Lightning injured woman golfer. | | | | | | | | |
| Opal | 10 | 12:20 p. | ? | ? | 0 | 0 | | | Tornado |
| | Tornado observed over sagebrush land, no damage. | | | | | | | | |
| Casper 25 ESE | 11 | | | | | | | | Funnel aloft |
| | Funnel reported by public, did not touch ground. | | | | | | | | |
| Kemmerer 3 W | 17 | Afternoon | | | 0 | 1 | | | Lightning |
| | Security guard at power plant injured. | | | | | | | | |
| Gillette 30 SW | 24 | 3:20 p. | ? | ? | | | | | Tornado |
| | Tornado touched down briefly over open grassland, no damage reported. | | | | | | | | |
| Casper 35 N | 28 | 12:18 p. | | | | | | | Funnel aloft |
| | Funnel reported by public, did not touch ground. | | | | | | | | |
| Maryland | | | | | | | | | |
| Carderock, Montgomery County | 1 | 6:10 p. | | | | | | | Ball lightning |
| | This was observed during a brief but intense thunderstorm near the Cabin John Bridge exit on the Capital Beltway. Following a bolt of lightning, a brilliantly white and apparently spherical ball of fire at tree-top height brightly lit the area for a period of about three seconds. | | | | | | | | |
| Central Portion | 8 | 3:00-5:00 p. | | | 0 | 0 | 6 | 6 | Wind, hail, lightning |
| | Intense thunderstorms, accompanied by winds to 50 mph and even higher, hail to 3/4 inch size and sharp lightning, swept across the area. Centers of damage were: Landover, Prince Georges County where a warehouse under construction was blown down, damage estimated at about \$300,000; Rockville, Montgomery County where trees and power lines were downed, buildings and vegetation damaged by wind and hail; northern Montgomery County, in particular, the Poolesville-Beallsville-Brunswick area, where crops, especially barley and fruit, were badly damaged by hail; and near Sharpburg, Washington County, lightning struck and killed 17 head of cattle | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | | | |
| Maryland (continued) | | | | | | | | | | | |
| | | | | | | | | | huddled under an elm tree at a high point in the pasture. A Weather Bureau official living in the Rockville area reported this as the worst storm he had seen since moving into the area in 1956; others said that it was the worst in 21 years. An unusual feature of the hail was the drifting into mounds 6 to 8 inches high which remained for several hours or more; also, the hail struck the ground at an angle rather than at a more nearly vertical fall. Total storm damage was probably in excess of \$600,000. | | |
| Hagerstown | 15 | 9:00 p. | | | 0 | 1 | 5 | 0 | Wind | | |
| | | | | | | | | | A thunderstorm with strong wind caused an estimated \$100,000 damage to a small area in the western part of the city. Roofs of buildings were ripped off and buildings were badly damaged; trees were toppled. A boy received minor injuries when struck by flying wood. | | |
| New York | | | | | | | | | | | |
| New York City and Westchester County | 2 | a.m. | | | | | 5 | | Rain, electrical | | |
| | | | | | | | | | Heavy downpour of rain struck boroughs of Brooklyn and Queens, beginning about 4:30 a.m. E.S.T. A storm total of 2.35 inches was recorded over a two-hour period. Widespread flooding of subways, tunnels, and expressways occurred during early morning rush hour, resulting in near paralysis of all surface travel into Manhattan. Normal service in subways, etc. not fully restored until early afternoon. Lesser rains on Staten Island and lower Westchester County but reports of pavement undermined and building foundations washed out came from these areas. Electrical activity resulted in scattered power failures in Greater New York City; lightning-caused fires heavily damaged one house each at Hastings-on-Hudson and in borough of Richmond. | | |
| Cayuga and Onondaga Counties | 2 | 2:30 p.m. to 3:10 p.m. | 10-15 | ? | 0 | 0 | 0 | 0 | Tornado | | |
| | | | | | | | | | Strong evidence of tornado occurrences along a skipping path, southwest to northeast, across north central Cayuga County to northwestern corner of Onondaga County. Twister struck first in small wooded area near Montezuma. Damage here confined to trees. The next ground contact was in the adjacent villages of Cato and Meridian about 12 miles northeast. Three trailer homes and 3 barns demolished; one trailer disintegrated with debris scattered over a northeast-to-south arc as far as 1500 feet away. The third and final ground contact was in village of Lysander. Funnel cloud verified by two persons at this point. One trailer home destroyed, one barn and a chicken coop partially collapsed. Hall of 1 1/2 to 3 inches diameter accompanied twister in Lysander area. Damage to houses showed stones were wind-driven at very low angle to the horizontal. Rains very heavy with unofficial measurement of 3.5 inches about three miles north of path. One cow was lost and a considerable acreage of hay, grain and other crops was lodged, whipped and torn by the winds. Trees and other debris along path were observed to have been blown toward varying directions. | | |
| Western Half | 2 | p.m. | | | 0 | 6 | 0 | 5 | Electrical | | |
| | | | | | | | | | Afternoon thunderstorms, accompanied by damaging winds and lightning, struck a wide area from Jamestown in the southwest to the Black and Mohawk River Valleys. Property damage was especially widespread across Great Lakes Plain from Senesca to Oneida, Oswego and Jefferson Counties. Houses and trailer homes were either destroyed or heavily damaged by lightning-caused fires in Rochester suburbs, Wayne, Yates and Seneca Counties, while barns and sheds with contents were lost to fires, except at Cameron, Steuben County where winds collapsed two barns and chicken coop. Four men injured by lightning at Camp Drum, near Watertown, and one boy each at Hammondport, Steuben County, and Phoenix, Oswego County, were struck by bolts. Seven head of cattle killed in Oswego County. Heavy rains of 2.3 inches fell at Lowville, Lewis County, with 1.3 inches measured in 20 minutes by cooperative observer. New housing development at Lowville badly washed by flood waters. Power failures and downed trees reported many communities from Jamestown to the Malone area in extreme northern New York. Hall of golf ball size locally observed in Steuben County but damage nil. | | |
| Hudson Valley and Southeast | 13 | 2 p.m. to 4 p.m. | | | | | | 5 | Electrical, rain, wind | | |
| | | | | | | | | | Violent thunderstorms struck Hudson Valley and southern Catskill region with heavy short-duration rains. Hard hit was the city of Albany, where 1.2 inches of rain fell in less than 30 minutes (about 2:30 p.m.), and suburbs to the west and south; little storm damage reported in Schenectady and Troy. City and suburban streets, lots and basements flooded with depths reported up to four feet. Winds gusting to 40 mph. In Albany area ripped asphalt roof off school at Colonie, smashed numerous large windows and downed trees, limbs and utility lines over wide area. Lightning fires heavily damaged home in Rensselaer County and destroyed barn in Saratoga County. In lower Hudson Valley lightning fires damaged several homes and farm sheds in Dutchess, Orange and Sullivan Counties; winds uprooted farm shed at Pine Island, Orange County. Downpours of an estimated 3.0 inches in southern half of Sullivan County caused widespread flooding, highway and bridge washouts, and one or two major mud slides. | | |
| Steuben County | 14 | late p.m. | | | | | 5 | | Rain | | |
| | | | | | | | | | Short-duration heavy rains of near 2.0 inches affected southeastern | | |
| New York (continued) | | | | | | | | | | | |
| Southwest | 15 | afternoon | | | | | 0 | 5 | C | Rain, electrical | |
| | | | | | | | | | sections of Steuben County, especially in villages of South Corn- ing and Cato. Highways sustained greatest damage (estimates up to \$200,000) from washouts; numerous home basements flooded. Scattered damage to trees and power lines from wind. | | |
| Chautauqua, Cattaraugus and Allegany Counties | 20 | 6:55 a.m. to 8:15 a.m. | 90 | 3 to 5** | 0 | 0 | 0 | 0 | 6 | C | Tornado |
| | | | | | | | | | | | Widespread flooding affected several counties in extreme south- eastern upstate as result of heavy mid-afternoon thundershowers. Flooding of streets, expressways, lots and home basements affected many communities from New Rochelle and Tonawanda, Westchester County to southern Sullivan County, where in the latter the village of Mohlerstown and others nearby were hit by second flood-producing rain in 2 days. Considerable crop acreage flooded in Orange County muck area. Local flash flooding of small brook reported at East Meredith, Delaware County. Winds and lightning responsible for scattered power failures and tree damage in southern West- chester County. |
| | | | | | | | | | | | Early morning tornado cut a skipping path of destruction, aggregat- ing about 90 miles in length, through southwestern New York State. Funnel, seen by many witnesses along its path, first touched ground in village of Clymer, Chautauqua County, shortly before 7 a.m. followed a southwest-northeast path to the vicinity of Little Val- ley, Cattaraugus County, then curved more ENE until twister appar- ently left ground east of Angelica, Allegany County. Demolished or heavily damaged homes, trailer homes, barns, silos and a number of miscellaneous buildings were concentrated in communities of Clymer, Sherman, Bemis Point, Jamestown (northern edge), Gerry, Conewango Valley, Conewango and Little Valley. Factory heavily damaged in Jamestown and some dozen large, fashionable homes destroyed at Bemis Point. Trees were stripped of leaves at Little Valley as others were either uprooted or sheared off well above ground. De- struction of trees, buildings etc. was widespread in wide belt along storm path. A total of 90 families in Chautauqua and Cat- taraugus Counties were affected by storm destruction and required aid from disaster relief agencies. Twister continued eastward through villages of Franklinville, Belfast and Angelica with damage mostly sheared or uprooted trees, and demolished barns, silos and farm sheds. Streets in these latter three villages blocked for many hours by fallen trees, etc. This tornado was one of the most destructive to hit New York State in many years. Path was within less than five miles of the destructive Sinclairville tornado of May 17, 1969. |
| Ithaca, Tompkins County (3 miles SW) | 20 | 8:45 a.m. to 8:55 a.m. | 2 | ? | 0 | 0 | 0 | 0 | 4 | | Tornado |
| | | | | | | | | | | | A short-lived funnel, observed by two persons, dropped out of the turbulent cloud system which had struck southwestern counties a- bout one hour earlier and struck State Park and farm areas 3 miles southwest of Ithaca. Huge trees up to 30 inches in diameter were uprooted or sheared off some 20 feet above ground on a steep north- facing wooded slope in the Tremont State Park. Three cabins heav- ily damaged and one crushed by falling trees. Two barns, camp trailer and several large trees flattened at farm along twister's path. Circular pattern of downed trees and debris between State Park and farm, about 2 miles away, reflected rotary action of wind. Near State Park two house trailers, large greenhouse and two barns blown over or unroofed. Four cows killed when large tree fell on them on another farm. |
| Southern third | 20 | 6:45 a.m. to 12 noon | | | 0 | 0 | 0 | 6 | 0 | C | Wind |
| | | | | | | | | | | | Travelling an ENE path of 5 to 10 miles wide and over 350 miles in length, a core of high velocity winds wrought very heavy property damage from Chautauqua County in the extreme southwest across the State to Rensselaer County on the Mass.-Vt. border. The confirmed tornadoes described previously were a part of this storm path. Damage along the first 90 miles of the path was largely due to tornadic activity. Suspected, but unconfirmed, tornadoes also occurred in the village of Dryden, Tompkins County, and the New Lisbon-Mt. Vision area, south central Otsego County. Demolished house trailers, farm buildings, silos, small planes, uprooted trees, broken limbs, homes and cars struck by fallen trees and broken utility lines were reported from the following localities with the reported time (E.S.T.) of occurrence given in parenthesis. Almond-Hornell-Canisteo areas, Steuben County (7:30 a.m.). Western portions and Mountair Falls, Senyler County (8:45 a.m.). Ithaca-Dryden-Brooktondale areas, Tompkins County (8:45 to 9:15 a.m.). Virgil-Marathon areas, Cortland County (? but after 9:00 a.m.). East McDonough-New Berlin areas, Chenango County (10:00 a.m.). New Lisbon-Mt. Vision-Worcester areas, Otsego County (10:00 to 10:30 a.m.). Albany-Troy area (11:30 a.m.). Hoosick Falls, Rensselaer County (12 noon). |
| | | | | | | | | | | | One of the hardest hit areas was the village of Dryden where prop- erty and tree damage was estimated at \$500,000. Winds were measur- ed at 80 mph, on gauge at Cornell University, near Dryden. Crop damage through affected area resulted mostly from lodging of grain and hay fields. Although electrical activity accompanied storm, only reported loss was a barn burned near Dryden. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | |
| New York (continued) | | | | | | | | | |
| Walden, Orange County | 20 | 2 p.m. | | | | | 4 | | Hail |
| | | | | | | | | | Approximately 100 acres of apples and pears were extensively damaged by localized hail storm. Motherball-size stones bruised and cut 1-inch fruits, reducing quality for future marketing. |
| Wyoming, Livingston and Yates Counties | 23 | early p.m. | | | | | 4 | | Rain, electrical |
| | | | | | | | | | Heavy rains, with 2.54 inches measured at Groveland, Livingston County, and totaling 2.0 inches or more elsewhere, caused widespread flooding in three-county area of western New York. Hard hit by flood waters were communities of Warsaw, Perry, Mount Morris, Genesee, Rushville and Penn Yan. Numerous highways closed by flooding and bridge washouts. Food processing plant at Rushville, Yates County lost part of structure to high water, damage estimated about \$15,000. Some crop acreage inundated or eroded. Lightning strikes caused minor fire damage to 2 homes near Warsaw, Wyoming County. |
| South Central | 23 | late p.m. | | | 0 | 3 | 6 | C | Rain |
| | | | | | | | | | Late evening cloudburst centered over eastern Cortland County with lesser rains and storm damage in adjacent areas of Cayuga, Tompkins and Chenango Counties. Official measurement of 4.60 inches at Cincinnati, Cortland County and 3.0 to 4.0 inches in other counties. With unofficial rainfall measurements of near 6.0 inches the village of McGraw, Cortland County was hardest hit by flash flooding. Industrial plant heavily damaged, 2 other factories, city park and numerous houses flooded by water up to four feet deep; estimated damage to village \$500,000. Truck washout near Elodgett Mills, Cortland County caused 3 locomotives and 14 cars of freight train to derail into flooded waters of Toughnioga River; 3 crewmen suffered minor injuries. Many bridges washed out and several mudslides closed state and county roads in Cortland County. Some flooding reported at Dryden, Tompkins County, western Chenango County, and Aurora, Cayuga County. Crop lands badly eroded and washed out in scattered areas of the three counties. |
| Western third | 27 | evening | | | 1 | 3 | 5 | | Wind, electrical |
| | | | | | | | | | Winds gusting to more than 50 mph during thunderstorm activity caused widespread property damage inland from Lake Erie for a distance of about 70 miles. Farm building and silo demolished, homes and cars damaged by falling limbs and trees at Jamestown, where winds clocked at 70 mph at airport. Four camp trailers blown over at sales lot in Clean. Falling tree limbs injured 3 youngsters at Andover, Allegany County. Man killed by lightning on baseball field in Buffalo. Power failures from lightning strikes or downed trees reported in wide areas of Dunkirk, Salamanca, Buffalo and southern suburbs, Batavia, Rochester and several communities in Wyoming and Livingston Counties. Minor power failures and light wind damage also occurred from Binghamton, Syracuse, Utica and northward to the St. Lawrence Valley. |
| Western half, upper Hudson Valley | 30 | 2 p.m. to 9 p.m. | | | 1 | 6 | 5 | | Wind, electrical |
| | | | | | | | | | Thunderstorm activity during afternoon hours resulted in widespread wind and lightning damage from south-western counties to the Syracuse area. Wind gusts were measured at 90 mph at Jamestown Airport and 66 mph by Weather Bureau at Syracuse, both about 3:30 p.m. E.S. Time. Damage to trees and power lines reported many communities in four southwestern counties. In northern Finger Lakes communities of Weedsport and Baldwinsville hard hit by wind damage to trees and limbs; many homes, garages and farm buildings damaged or crushed by winds and falling trees. Man killed when struck by limb as he drove car; passenger injured. Other persons injured by falling limbs or shock from nearby lightning strikes. Lightning damage extensive to power lines but only one barn destroyed by fire at Kennellville, Oswego County. Thunderstorms concentrated in the upper Hudson Valley during the evening hours with scattered wind damage to trees and power failures in Albany, Rensselaer and southern Warren Counties. |
| Kentucky | | | | | | | | | |
| Jefferson County | 12 | 3:30 p. | | | 1 | 0 | | | Lightning |
| | | | | | | | | | A man was struck by lightning as he worked atop of a 15-foot-high stack of lumber in Louisville. |
| South Central | 12 | Aftn. | | | 0 | 0 | 4 | 0 | Wind, lightning |
| | | | | | | | | | Wind downed a number of trees, utility lines and TV antennas in Adair County. In Edmonson and Barren Counties, lightning strikes were responsible for at least one barn burned, damage to several houses, and at least 35 cattle killed. |
| Blue Grass | 12 | p.m. | | | 0 | 0 | 4 | 0 | Wind, lightning |
| | | | | | | | | | High winds damaged 3 planes at the Greater Cincinnati Airport near Covington, Kentucky. At 2:35 p.m. winds with gusts to 83 m.p.h. were reported. About 5 p.m., three windows in the control tower at the airport were blown out and traffic operations were suspended for about 40 minutes. Trees were downed in several counties in the Blue Grass during the afternoon and evening. About 6:30 p.m. a barn was downed and several other buildings were damaged by high winds in Boyle County. Lightning strikes were responsible for damage to at least 4 buildings. |
| Kentucky (continued) | | | | | | | | | |
| Hopkins County | 13 | Early | | | 1 | 0 | 0 | 0 | Thunderstorm |
| | | | | | | | | | Two men were fishing from a boat when a thunderstorm broke over Lake Beshear near Dawson Springs. One man was drowned when the boat filled with water and capsized. The Dawson Springs Cooperative Observer reported a 7 a.m. 24-hour rainfall total of 1.80 inches. |
| West | 13 | | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Fire apparently set by lightning destroyed a home in Union County, and other fires apparently set by lightning were responsible for extensive damage to two other homes in Mahlenburg County and Calloway County. |
| Payette County | 14 | Aftn. | | | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | The public reported hail one inch in diameter in the early afternoon in the vicinity of Lexington. No damage was reported. |
| Oldham County | 14 | 4:29 p. | | | | | | | Funnel cloud aloft |
| | | | | | | | | | A funnel cloud was reported in the vicinity of Buckner. |
| West | 14 | | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Fires apparently set by lightning burned two homes in Carlisle County, damaged another in Ballard County, burned a barn in Hart County. Two oil tanks were set afire in Daviess County. |
| Bullitt County | 20 | Night | | | 0 | 18 | 0 | 0 | Lightning |
| | | | | | | | | | Several bolts of lightning ran through communications wiring of a National Guard unit at Fort Knox. Two men were admitted to a hospital for shock and burns. Sixteen other men were treated for minor injuries and released. |
| Jefferson County | 22 | 4 p. | | | 0 | 1 | 3 | 0 | Wind |
| | | | | | | | | | High winds downed a number of trees and utility lines. A man was injured when his car crashed into tree limbs which fell in front of his car shortly before 4 p.m. |
| Harrison County | 23 | 1 a. | | | 0 | 2 | 4 | 0 | Wind |
| | | | | | | | | | High winds destroyed a mobile home, injuring the two occupants. There was damage to several buildings in the county. |
| Webster County | 23 | 1 a. | | | 0 | 2 | 4 | 0 | Wind |
| | | | | | | | | | High winds overturned a mobile home, injuring the two occupants. Winds unroofed a barn, downed trees, and was responsible for other damage. |
| Jefferson County | 23 | 1:05 a. | | | | | | | Funnel clouds aloft |
| | | | | | | | | | The public reported 2 funnel clouds 20 miles east of Louisville. |
| Statewide | 23 | Early | | | 0 | 0 | ? | ? | Wind, lightning, hail |
| | | | | | | | | | Wind and lightning associated with numerous thunderstorms, a number of these heavy, were responsible for damage of various types. Wind was responsible for downed and damaged barns, and for damage to trees, utility lines, cars, TV antennas, homes, farm buildings, an outdoor theater screen, etc. Lightning strikes were responsible for damage at a number of locations. Several barns were damaged or destroyed by fire, and at least one residence (Shelby County) was destroyed by fire. Hail was reported from several locations, and damaging hail was reported from at least two areas, in Shelby County and in Fleming County. The greater number of the several dozen damage reports received indicate that most of the damaged note above occurred in the early morning hours before 6 a.m. E.S.T. |
| West, South Central | 23 | | | | 3 | 0 | 7* | C | Flooding, rain |
| | | | | | | | | | Excessive rain associated with heavy thunderstorms fell on much of western and south central Kentucky in the early morning hours beginning about midnight. Most of the rain fell in a 6-hour period, 6- and 12-hour falls establishing new records for Kentucky. Flash flood damaged property both public and private was very heavy in a number of areas. Heavy rain was damaging in some cases where flooding was minor. Total dollar damage was not available at the time this report was prepared; it was estimated that completion of damage by several agencies would require several additional months. (A preliminary estimate only put the public damage - roads, bridges, etc. - at about \$5 million and the private damage at about \$40 million. It was reported that the President allocated \$200,000 for repair or replacement of public facilities.) Damage was indicated to be greatest in the area of most intense rainfall along an axis approximately northwest-southeast (see narrative account and Figure 1 in this month's issue of the ASMA publication <u>Climatological Data Kentucky</u>). |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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 | PROPERTY | CROPS | |
| Kentucky (continued) | | | | | | | | | | | |
| | | | | | | | | | | | basements and some homes and businesses were flooded. There was damage to roads and bridges. Warren County, 100 homes were flooded, and in Bowling Green 22 families were driven from their homes by high water. 25 roads were flooded and there was major damage to crops and to farmland (erosion). Logan County. Most major roads were closed and there was water damage to a number of homes and roads. Moderate to heavy damage to crops was reported. Muhlenburg County. Homes and businesses were flooded, and highways were flooded and blocked. There was damage to corn, tobacco and corn crops. Simpson County. Streets, roads, and several homes were flooded, 40 homes with major damage and 20 with minor damage. A dozen bridges were washed out. There was damage to crops and farm fencing. Todd County. Main roads were closed, and there was some damage to corn and soybean crops. Butler County. There was damage to crops. One bridge washed away, and another damaged. Caldwell County. There was damage to crops. Christian County. There was extensive damage to crops. Crittenden County. Some roads were flooded. |
| Statewide | 24 | | | | 1 | 1 | 5* | C | | | Wind |
| | | | | | | | | | | | In Letcher County near Hotspot a man was killed instantly when wind blew a tree over on him while he was operating a bulldozer. A minor personal injury was reported in Fayette County. High winds were responsible for damage at scattered locations. At Paducah the wind was reported to have gusted to 69 m.p.h. at 4:24 a.m. At Glasgow the wind was reported to have reached 42 m.p.h. at 7 a.m. Damage was reported in a number of counties, and some of the reports follow. Trees and utility lines were downed in Boyd County. Trees were downed in Fayette, Madison, and Harlan Counties, and there was some damage to residences in Harlan and Madison Counties. There was minor wind damage in Allen County, and in Barren County wind damaged a boat dock. In Hopkins County wind locally estimated at 70 m.p.h. downed a radio station tower and blew a 25 by 45 foot metal building off its foundation. At 4 a.m. two barns were downed and a residence was damaged in Ballard County, and there was some property damage in adjacent Carlisle County at about the same time. In Union County some trees were downed and there was some damage to crops. In Laurel County winds downed a barn and a number of trees. In Todd County wind blew down a number of trees and extensively damaged the corn crop. |
| Trigg County | 28 | 12:40 a. | | | | | | | | | Funnel cloud aloft |
| | | | | | | | | | | | State Police at Prestonville reported the sighting of a funnel cloud between Hopkins and Cadiz before 12:40 a.m. |
| Magoffin County | 28 | 3 p. | | | 0 | 0 | 4 | 0 | | | Lightning |
| | | | | | | | | | | | It was reported that three bolts of lightning in succession struck a nearby utility pole and travelled through electrical wiring to a two-story house which was set on fire and destroyed. |
| Barren County | 28 | 10 p. | | | 0 | 0 | 4* | G | | | Hail, rain, wind |
| | | | | | | | | | | | Hail to golf ball size in the Hiseville area badly damaged about 600 acres of corn crops and about 85 acres of tobacco crops, the hail cutting a 5-mile swath. Heavy winds blew down a barn. A rain gage in the vicinity was reported to have accumulated 3.6 inches of rain in 45 minutes. |
| South | 28 | | | | 0 | 0 | 4 | 0 | | | Lightning |
| | | | | | | | | | | | In southern Kentucky burned out at least 21 transformers in the South Kentucky REOC area of 13 counties. This was reported to have been the most destructive storm the agency had experienced. |
| Hopkins County | 29 | 12:40 a. | | | | | | | | | Funnel cloud aloft |
| | | | | | | | | | | | State Police at Madisonville reported a funnel cloud to be northeast moving southeast before 12:30 a.m. |
| Galloway County | 29 | 2 a. | | | | | | | | | Funnel cloud aloft |
| | | | | | | | | | | | The public reported to State Police a funnel cloud in the vicinity of Murray during the preceding hour. |
| Muhlenburg County | 29 | 2 a. | | | | | | | | | Funnel cloud aloft |
| | | | | | | | | | | | A report received before 2 a.m. by State Police indicated a possible funnel cloud southeast of Central City. |
| Ohio County | 29 | 1 a. | | | 0 | 0 | 4 | 0 | | | Wind |
| | | | | | | | | | | | High winds in the area between Beaver Dam and Cromwell on U.S. 231 damaged homes and TV antennas; destroyed an outdoor theater screen; overturned a mobile home. |
| Union County | 29 | 1 a. | | | 0 | 0 | 4 | 0 | | | Lightning, wind |
| | | | | | | | | | | | Lightning strikes set afire two oil tanks, burning several thousand gallons of crude oil. One tank exploded. High winds downed a number of trees. |
| Texas | | | | | | | | | | | |
| W Sierra Blanca, Hudspeth County | 2 | 2:30 p | ? | ? | 0 | 0 | 0 | 0 | | | Tornado |
| | | | | | | | | | | | A tornado was observed near the McCoy Ranch, about midway between Fort Hancock and Sierra Blanca, in Hudspeth County, about 2:30 p.m. C. S. T. There was no damage reported. |
| Texas (continued) | | | | | | | | | | | |
| Near Fabens, El Paso County | 2 | 3:30 p-4:00 p | | 3 | *3 | 0 | 0 | 0 | 5 | | Hailstorm |
| | | | | | | | | | | | Hail caused an estimated \$125,000 damage to 3500 acres of cotton and 500 acres of barley in the vicinity of Fabens. Damage varied from about 5 percent to near 100 percent. Hailstones averaged one-half inch in diameter with largest stones one inch in diameter. |
| Presidio and vicinity, Brewster County | 2 | 7:00 p-9:00 p | | 2 | *1 | 0 | 0 | 3 | 5 | | Hail, wind and rainstorm |
| | | | | | | | | | | | Hail, wind, and rain heavily damaged a variety of crops on 700 to 800 acres in the vicinity of Presidio and heavily damaged cantaloupes and watermelons on another 600 to 700 acres. Hailstones averaged three-quarters inch in diameter. Total crop losses were estimated at \$195,000. Property in Presidio sustained slight damage, estimated at \$2,000. |
| 10 S Brownfield, Terry County | 3 | 5:00 p-5:30 p | | 7 | *3 | 0 | 0 | ? | ? | | Hailstorm |
| | | | | | | | | | | | Hailstones, averaging one and one-half inches in diameter caused extensive damage to property and crops in a 7-by-3 mile area of Terry County beginning about 10 miles south of Brownfield and extending southward about seven miles. Roofs of homes were damaged and window panes were broken. Automobile bodies were dented. Damage to some fields of crops in the area was estimated at 100 percent and would require replanting. Leaves were stripped from trees by the hail. The largest hailstones were two and one-half inches in diameter. |
| Castro and Swisher Counties | 3 | 3:00 p-8:00 p | | ? | ? | 0 | 0 | ? | ? | | Hailstorm |
| | | | | | | | | | | | Small hail, about one-quarter inch in diameter, caused extensive damage to wheat crops in southeastern Castro County and southwestern Swisher County. Fields around Hart and Halla appeared to be the hardest hit. The area was struck by two separate hailstorms. |
| Laredo, Webb County | 3 | 10:50 p | | ? | ? | 0 | 0 | 5 | 0 | | Rain and windstorm |
| | | | | | | | | | | | A thunderstorm with winds gusting to 65 miles-per-hour dumped 2.62 inches of rain on Laredo in about 50 minutes and caused an estimated \$150,000 damage to two businesses. The roof of the Cantwell Sleep Store on San Bernard Street caved in, apparently due to the weight of the water. Most of the display windows were blown out also. Damage to the building was estimated at \$100,000. The Tex-Mex Railway car department building received \$50,000 damages due to the strong winds. Windows were broken at the HEB store on Guadalupe and at the Yeary Battery Company building on Juarez Street. |
| Midland-Odessa area, Ector and Midland Counties | 3 | Night | | ? | ? | 0 | 0 | ? | ? | | Tornado, hail and windstorm |
| | | | | | | | | | | | A tornado wrecked several trailer homes and damaged other buildings near the Gardendale community, about 10 miles north of Odessa, in Ector County. Nearby residents saw the tornado approaching in time to warn occupants, who scrambled to safety before the tornado struck. Two trailer homes and a camper-style trailer were overturned in the Golden Acres section of northwest Midland. Several windows were reported broken by hail in homes in the area northwest of Midland also. |
| 3 N Seagraves, Gaines County | 7 | 6:45 p-7:00 p | | 4 | ? | 0 | 0 | 0 | 0 | | Tornado |
| | | | | | | | | | | | A tornado cut a swath across farm land about three miles north of Seagraves without causing any known damage. The track of the tornado was approximately four miles in length. |
| Castro and Swisher Counties | 7 | 8:30 p | | ? | ? | 0 | 0 | ? | ? | | Hailstorm, high winds, heavy rain |
| | | | | | | | | | | | Hailstones up to two and three-quarter inches in diameter, accompanied by high winds and heavy rain battered the southern portions of Castro and Swisher Counties. |
| Belcherville community, Montague County | 8 | After-noon | | ? | ? | 0 | 0 | ? | ? | | Hailstorm |
| | | | | | | | | | | | A hailstorm in the Belcherville area did considerable damage to residences in that area and some damage to wheat crops. |
| Pecos, Reeves County | 8 | 5:30 p-6:00 p | | 5 | *2 | 0 | 0 | 4 | 0 | | Wind and hailstorm |
| | | | | | | | | | | | Wind and hail damaged numerous roofs, and broke window panes in Pecos. Some hillboards were blown down, and plate glass windows were blown out of the Security State Bank building. Several trees were uprooted. Damage from wind was estimated at \$10,000 due to wind, and \$10,000 due to hail. Hailstones averaged three-quarters inch in diameter; largest stones were one inch in diameter. |
| 10 E Morton, Cochran County | 8 | 6:45 p | | | | | | | | | Funnel aloft |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) | | | | | | | | | |
| El Paso and Hudspeth Counties | 9 | 8:10 p-9:00 p | ? | ? | 0 | 0 | ? | ? | Hailstorm |
| Hail averaging about three-quarters inch in diameter, with largest stones two inches in diameter, broke some window panes and damaged roofs of residences in an area of about five square miles in extreme southeast El Paso County and west Hudspeth County. Damage to cotton crops in the area varied from about 5 to 50 percent. Hail up to one and three-quarters inches in diameter fell also in the Ysleta area southeast of El Paso. About 3,000 acres of cotton from Loop 75 to the Ysleta area were hit. Some damage occurred to pecan orchards, alfalfa, and grain crops. | | | | | | | | | |
| Near Whitharral, Hockley County | 10 | 6:45 a | ? | ? | 0 | 0 | ? | 0 | Tornado, two funnels aloft |
| Three funnels were observed near Whitharral; one touched down on the B. H. Sires farm about one mile south and three and three-quarters miles west of the town and destroyed a large barn and three cotton trailers. The tornado missed the home of Mr. and Mrs. Paul Padgett, located about one-quarter mile from the Sires land, by only a short distance. Mrs. Padgett said the sheet rock in her house trembled as the tornado moved past. | | | | | | | | | |
| 8 N Gruver, Hansford County | 10 | 6:00 p-7:00 p | 5 | *3 | 0 | 0 | 0 | ? | Hailstorm, heavy rain |
| Hail caused extensive damage to wheat crops in a 5-by-3 mile area north of Gruver. Losses varied from 20 to 100 percent. Hailstones averaged one inch in diameter with largest stones 1 1/2 inches in diameter. Heavy rains caused considerable erosion of the soil. Hail up to two inches in diameter was reported at Hitchland near the Oklahoma line also. | | | | | | | | | |
| Near Perryton, Ochiltree County | 10 | 6:18 p | ? | ? | 0 | 0 | 0 | ? | Tornado, hailstorm, 2 funnels aloft |
| A tornado funnel dipped down from a cloud and receded five or six times, touching down to the ground apparently only one time in an area west-northwest of Perryton. There was no report of any damage from the tornado. Later, twin funnels were spotted by several persons further to the north and nearly to the Oklahoma state line. These did not touch ground. Hail severely damaged wheat fields north of Perryton. Clyde Carroll, who lives eight miles northeast of Perryton, reported that the ground was twice covered with golf ball size hail. M. D. Felix reported heavy losses from two separate storms northwest of Perryton. | | | | | | | | | |
| Plainview and Hale County | 10 | 8:00 p-8:20 p | 15 | *8 | 0 | 12 | 6 | 7 | Hail and windstorm |
| A devastating hail and windstorm caused an estimated \$3.2 million damage to insured property alone in Plainview, damaging about 80 percent of the homes and business houses within the city. Twelve persons received minor injuries when struck by flying glass or debris. Automobile damage was estimated at \$525,000, and damage to glass estimated at \$150,000. An estimated 5,600 homes and buildings suffered some damage. Hailstones averaged one and three-quarters inches in diameter with largest hailstones two and three-quarters inches in diameter. Wind gusts were estimated at 70 to 90 miles-per-hour. The hail, described as "sounding like thousands of troops marching", lasted only a few minutes. The hail damaged crops in a 25-by-3 mile area beginning southwest of Cotton Center and extending to just northeast of Plainview. Damage varied from about 25 percent to near 100 percent. Property damage in Hale Center was estimated at \$50,000. | | | | | | | | | |
| 7 NW Stratford, Sherman County | 10 | 9:53 p | ? | ? | 0 | 0 | 0 | 0 | Tornado |
| A tornado touched down on a farm seven miles northwest of Stratford. There was no report of damage. | | | | | | | | | |
| 5 NE Houston, Harris County | 12 | 9:58 a | | | | | | | Funnel aloft |
| Winters and Runnels County | 12 | 4:30 p-7:00 p | 20 | *15 | 0 | 15 | 0 | 0 | Hailstorm |
| One of the most devastating hailstorms ever experienced in the area struck Winters and a 20-by-15 mile strip of Runnels County. Roofs of practically every building in Winters received extensive damage. Most dwellings and many commercial buildings lost windows. More than 1500 windows were broken out at the Winters Schools. Most automobiles in town which were not in garages received damage. Fifteen persons received minor injuries, mostly from flying glass. Hailstones 1/2 inches in diameter were common. Some of the hail was described as "big as a brick and shaped much like a brick". Siding on the W. H. Burleson residence at 911 Manning in the Reeves addition of Winters was almost completely destroyed. Most crops within the hail area were destroyed. Total property and crop damage was estimated at \$3 million. Winds accompanying the hailstorm were estimated at 50 to 60 miles-per-hour. | | | | | | | | | |
| Anson, Jones County | 12 | 5:00 p | | | 0 | 0 | 1 | 0 | Lightning |
| Lightning struck the Lowe Electric Company in Anson and set it on fire. The total loss was estimated at \$30,000. | | | | | | | | | |
| Texas (continued) | | | | | | | | | |
| Oak Creek Lake, Coke County | 12 | 5:20 p-6:00 p | 1/2 | 50 | 0 | 0 | 4 | 0 | Tornado |
| A tornado overturned four house trailers and moved seven others off their foundation blocks at Oak Creek Lake in the northeast corner of Coke County. Total damage was estimated at \$30,000. Mrs. Hester Fiscus, who lives at the lake, said "balls of fire" were flung downward by the storm. | | | | | | | | | |
| Coleman and Coleman County | 12 | 5:45 p-9:30 p | 25 | ? | 0 | 0 | 6 | 5 | Hail and windstorm |
| Hail and high winds caused an estimated \$ one million damage to property in the city of Coleman, and \$250,000 damage to crops in a 25-mile strip beginning at the western county line and extending as far east as Santa Anna. Most of the damage resulted from hail, which averaged 1 3/4 inches in diameter. Roofs suffered heavily and many windows and glass doors were broken by the hail. Automobiles were dented by the hailstones and trees were stripped of leaves and small limbs. Many large trees were uprooted or split as a result of the high winds. Wheat, oats, milo and cotton crops in the path of the storm suffered heavily. Some fields were a total loss. | | | | | | | | | |
| Near Rising Star, Brown County | 12 | 7:30 p | ? | ? | 0 | 0 | ? | 0 | Tornado, windstorm |
| High thunderstorm winds demolished a barn on the Oscar White farm two miles southeast of Rising Star. Another barn was uprooted 1 1/2 miles south of Rising Star. A tornado touched down a short distance southwest of the town, but no damage was reported. | | | | | | | | | |
| Bailey, Hale and Lamb Counties | 13 | | 85 | *30 | 2 | 0 | 5 | 6 | Hail, wind, and torrential rains, funnel aloft |
| Hail, torrential rains, and high winds caused several millions of dollars damage to crops and hundreds of thousands of dollars damage to property in an 85-by-30 mile strip across Bailey, Hale, and Lamb Counties. Two persons were drowned about seven miles south of Sudan. Mr. and Mrs. Raymond E. Sevier drowned when rushing water from torrential downpours washed the vehicle in which they were riding from Highway 303. One series of storms swept across the area during the morning and was followed in the late afternoon by a second line of destructive thunderstorms. Hailstones averaged one inch in diameter but largest stones were 1 1/2 inches in diameter. Roofs of homes and buildings, windows and automobiles at Abernathy, in Hale County, took a severe beating. Large hail was reported at Hale Center also. Many cotton and grain sorghum crops were destroyed completely. Hail washed out an area of crops several miles wide near Hale Center. Damage to crops was estimated at \$3,000,000, and damage to property was estimated at \$600,000. A funnel cloud was observed aloft about 4:30 p.m. three to five miles northwest of Abernathy. | | | | | | | | | |
| Crosby, Floyd, Dickens and Motley Counties | 13 | | 50 | *27 | 0 | 1 | 6 | 6 | Hailstorm wind, heavy rain |
| Some of the most destructive hailstorms local residents could remember occurred across the southern halves of Floyd and Motley Counties and the northern halves of Crosby and Dickens Counties. The destruction came in two series of storms; one beginning about 9:00 a.m. and the other about 7:00 p.m. Homes, crops, native pasture, and livestock took a terrific beating. Mrs. Juanita Hill suffered a minor injury when struck by large hail near the Oona community in Crosby County. Ripened wheat and native pasture looked as if it had been mowed off to the ground. Many wheat fields were a 100 percent loss. Windows were broken in houses, and the composition siding was beaten off the north sides of many houses. Roofs were destroyed. Automobiles suffered broken windows and were heavily pocked by the large hail. The fall of hail was so intense, the bark was beaten off cedar posts and mesquite trees. Hailstones ranged up to 2 3/4 inches in diameter; average diameter was about one inch. The hailstones were accompanied by high winds and heavy rain. | | | | | | | | | |
| Parmer County | 13 | Afternoon | ? | ? | 0 | 0 | ? | ? | Hailstorm, heavy rain |
| Hail and heavy rain, accompanied by high winds, cut a path across Parmer County destroying both young and mature crops. Damage appeared to be heaviest in the vicinity of Farwell and Friona. Knee high corn on the D. W. Pearson farm in the Oklahoma Lane-Farwell area was broken off near the ground and most of the crop was a total loss. A field of wheat on the Hubert Garner farm seven miles northeast of Farwell was a total loss also. Largest hailstones were 1 3/4 inches in diameter. | | | | | | | | | |
| Wichita and Willbarger Counties | 13 | Afternoon | ? | ? | 0 | 0 | ? | ? | Hail and windstorm |
| Hail and high winds struck parts of northern Wichita and Willbarger Counties. Hail up to 1 3/4 inches in diameter fell at Electra. Large hail fell at Burkumet also. Winds estimated at 60 miles-per-hour struck at Vernon. No estimate of property or crop damage was available. | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) Kermit and vicinity, Winkler County | 13 | Afternoon | ? | ? | 0 | 0 | ? | ? | Hailstorm, high winds, two funnels aloft | |
| | | | | | Hail and high winds pounded the Kermit area and caused considerable damage to roofs, windows, trees, shrubs, automobiles and crops. More than 100 windows were broken in the Wink school building by large hail that measured up to 2 1/2 inches in diameter. Automobile windows were broken also. Two funnel clouds were observed aloft near Kermit between 6:08 and 6:15 p.m. One was seen about four miles north and the other about one-half mile further to the east of Kermit. | | | | | |
| Shallowater, Lubbock County | 13 | 4:00 p- 4:30 p | ? | *3 | 0 | 0 | 0 | 5 | Hailstorm | |
| | | | | | Hail caused an estimated \$150,000 damage to crops in the vicinity of Shallowater in northwest Lubbock County. Hailstones averaged 3/4 inch in diameter; largest stones were 3/4 inches in diameter. | | | | | |
| 12 NW Plains, Yoakum County | 13 | 5:55 p | Short | Narrow | 0 | 0 | 3 | 0 | Tornado | |
| | | | | | A small tornado picked up a 1500 bushel grainary containing 3000 pounds of sacked cotton seed meal on the Garland Swann farm near Plains and hurled it one-quarter mile away. The grainary cleared a stock trailer a few feet away, and was carried over the top of a barn. Two other grainaries on either side were untouched. All were of steel construction. The most freakish thing about the tornado was that spare lumber and trailer side boards were stacked within a few feet of the steel bin. Not even a piece of lumber was disturbed and neither the stock trailer or the barn over which the grainary passed were damaged. | | | | | |
| E. Andrews, Andrews County | 13 | 7:55 p | Short | Narrow | 0 | 0 | 0 | 0 | Tornado | |
| | | | | | Tornado touched ground briefly in open ranch land without causing any damage. | | | | | |
| 20 N Big Spring, Borden County | 13 | 8:20 p | ? | ? | 0 | 0 | 0 | 0 | Tornado | |
| | | | | | Observed on open ranch land. No damage reported. | | | | | |
| Wichita Falls, Wichita County | 13 | 11:15 p | ? | ? | 0 | 1 | ? | ? | Windstorm | |
| | | | | | One person was injured when strong thunderstorm winds overturned a house trailer about three miles southeast of the Wichita Falls Municipal Airport. | | | | | |
| Near Afton, Dickens County | 13 | Night | | | 1 | 0 | 0 | 0 | Flooding | |
| | | | | | A 46-year-old Afton woman, Mrs. Sam Whitley, drowned when heavy rains filled a normally dry lake bed about four miles east of Afton. | | | | | |
| Near Anton, Hockley County | 13 | Night | ? | ? | 1 | 0 | ? | ? | Flooding, hailstorm | |
| | | | | | Arlene Copeland, 62, drowned when the pickup truck in which he and his wife were riding was washed off Farm Road 597 into a draw near Anton. Mrs. Copeland was rescued. Hail and heavy rains caused extensive damage to crops in the area. Roofs and windows of homes were damaged also. Hailstones averaged 1/2 inch in diameter with largest stones about one inch in diameter. | | | | | |
| Muenster, Cooke County | 14 | 1:00 a | ? | ? | 0 | 0 | ? | 0 | Windstorm | |
| | | | | | A severe windstorm caused considerable damage to roofs, plate glass windows, and signs in Muenster. Trees were damaged and several barns in the rural area about one-half mile east of Muenster were damaged also. | | | | | |
| Girvin and vicinity, Pecos County | 14 | 5:00 p- 8:00 p | ? | ? | 0 | 0 | ? | ? | Hailstorm | |
| | | | | | Hail up to 1 3/4 inches in diameter caused considerable damage to cotton crops in the area of Girvin. Some fields were estimated to be a total loss. Jack rabbits were killed by the large hailstones. | | | | | |
| Crockett County | 14 | Night | ? | ? | 0 | 0 | ? | ? | Hail and windstorm | |
| | | | | | Hail and high winds lashed a wide swath from the south central portion to the western edge of Crockett County. Houses and barns were extensively damaged and automobiles were poked by the hard hailstones. Trees and plants in the path of the storm were stripped of foliage. The stones were extremely hard and varied in size from 3/4 inches to 2 inches in diameter. Chunks of ice the size and shape of a slice of bread fell also. | | | | | |
| Van Horn, Culberson County | 16 | 3:00 p- 4:00 p | ? | ? | 0 | 0 | 4 | 0 | Wind and hailstorm | |
| | | | | | High winds and hail struck Van Horn and caused an estimated \$25,000 damage to roofs, signs, windows, and one house trailer, which was overturned. Foley's Service Station on U. S. Highway 80 was damaged extensively. | | | | | |
| Texas (continued) Wink and vicinity, Winkler County | 16 | 9:00 p- 9:45 p | 20 | *8 | 0 | 0 | ? | ? | Hailstorm | |
| | | | | | Hail averaging about 1 1/2 inches in diameter damaged roofs, automobiles, windows, and trees in Wink and within an 8-by-20 mile strip extending from about 5 to 10 miles northwest of Wink to about 10 miles southeast of the city. The largest hailstones measured approximately three inches in diameter. | | | | | |
| Near Wink, Winkler County | 16 | 9:10 p- 9:40 p | ? | ? | 0 | 0 | 0 | 0 | 2 Tornadoes | |
| | | | | | Two tornadoes were observed one to two miles north and northeast of Wink. The second tornado occurred about one-half hour after the first. No damage was reported with either storm. | | | | | |
| Amarillo and vicinity, Potter and Randall Counties | 17 | 8:45 p- 10:30 p | 30 | *1 | 0 | 4 | 7 | 6 | Hailstorm | |
| | | | | | The most devastating and costly hailstorm in Amarillo weather history caused an estimated \$15,000,000 damage to property within a one-mile-wide strip across the city. Foliage was pulverized; roofs of homes and businesses, screens, windows, neon signs, and automobiles were smashed. An estimated 25,000 homes and 6,000 automobiles suffered extensive damage. Four persons received minor injuries from flying glass. Most roofs in the path of the storm were a total loss. Automobile damage averaged about \$500 per vehicle but some ran as high as \$1500. Schools and churches suffered heavy glass damage. The path of the hailstorm extended from about 10 miles northwest of Amarillo, across the city, to about 10 miles southeast of Amarillo. The path of the storm was across southwest Amarillo. Crop losses due to hail was estimated at \$1,000,000. The hard hailstones averaged 2 inches in diameter with largest stones 3 inches in diameter. Hail covered the ground to a depth of 3 to 4 inches in places. Pieces of hail slamming into new automobiles stripped chrome from the body panels. | | | | | |
| Brice community, Hall County | 17 | Night | ? | ? | 0 | 0 | ? | ? | Hailstorm, high winds | |
| | | | | | Hail and high winds caused extensive damage to homes and crops in the Brice community in northwest Hall County. Hailstones up to 2 3/4 inches in diameter fell during the storm. The irrigated area of the Brice community suffered the greatest loss with over 3,000 acres of crops destroyed completely. Seventeen farms in the area reported heavy losses due to hail. Homes and barns were hard hit and some livestock were killed by the large hail. Over 600 acres of cotton on the Joe Montgomery farm was estimated to be a total loss. | | | | | |
| Tell community, Childress County | 17 | Night | ? | ? | 0 | 0 | ? | ? | Hailstorm | |
| | | | | | An estimated six farms in the Tell community of Childress County suffered extensive damage due to hail. Damage to homes was also heavy. Hailstones ranged up to 2 3/4 inches in diameter. | | | | | |
| Dalhart and vicinity, Dallam and Hartley Counties | 17 | Night | ? | ? | 0 | 0 | ? | ? | Hailstorm | |
| | | | | | Dalhart and the surrounding area were struck by a hailstorm that caused considerable damage to crops in the area east of Dalhart. Hail from 1/2 inch to 3/4 inch in diameter, and some up to 1 3/4 inches in diameter was reported in Dalhart. Some window panes and automobile windshields were broken by the hail. | | | | | |
| McCulloch County | 18 | 3:30 p- 5:30 p | 30 | *8 | 0 | 0 | 4 | 4 | Hail and windstorm | |
| | | | | | Parts of McCulloch County were battered by hail varying in size from 1/2 inch to 1 inches in diameter. Damage occurred within a 30-mile strip from about Melvin southeastward across Brady to Voca. The heaviest hail damage was in the Voca area. At Salt Gap high winds destroyed two buildings and blew the roof from another. Damage to property was estimated at \$20,000 and damage to crops was estimated at another \$20,000. | | | | | |
| Brownwood, Brown County | 18 | 5:00 p- 5:30 p | ? | *1 | 0 | 0 | 5 | ? | Hailstorm, high winds | |
| | | | | | Hail and high winds caused an estimated \$110,000 damage to property in Brownwood. Approximately \$100,000 of the total was the result of hail which measured up to 2 3/4 inches in diameter. Winds were estimated at 65 miles-per-hour. | | | | | |
| Comanche, Comanche County | 18 | 5:55 p- 6:05 p | 15 | *8 | 0 | 10 | 6 | 5 | Hailstorm, high winds | |
| | | | | | Jagged hailstones - some three inches in diameter - shattered an estimated 95 percent of all windows on the south and west sides of residences in Comanche. About 95 percent of the roofs of homes and buildings within the city were damaged also. Large chunks of ice that measured eight inches long, six inches wide and three inches thick fell during the storm. At Comanche High School, 538 panes of glass were broken out in the south side alone. Ten persons suffered minor injuries when struck by flying glass broken by the hail. Neon signs were broken. Total property damage was estimated at \$750,000 and crop damage in the surrounding area was estimated at \$300,000. Strong winds accompanying the storm were estimated at 80 miles-per-hour. | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) | | | | | | | | | | |
| Childress County | 18-19 | | | | 0 | 2 | 4 | 5 | Hail and windstorm | |
| | | | | | | | | | Hail and high winds caused spotted damage in parts of Childress County. Hardest hit were a 4-by-4 mile area around the Tell community in the southwest part of the county, and a 3-by-6 mile area east of Childress. Property damage was estimated at \$25,000 and crop damage estimated at \$100,000. The hailstorm east of Childress broke several windows in homes and stripped fruit trees. A few hailstones were three inches in diameter. The average diameter was approximately one inch. A large tractor-trailer parked at the G. & L. Truck Stop east of Childress was blown over by high winds. Hail caused extensive crop damage in the Tell community. Nine windows were broken in the Jack Garrison home by hailstones measuring up to 2 3/4 inches in diameter. Two persons received minor injuries from broken glass resulting from the large hail. | |
| Matador and vicinity, Motley County | 19 | 3:15 p-3:45 p | 8 | *3 | 0 | 0 | 4 | 3 | Wind and hailstorm | |
| | | | | | | | | | Winds estimated at 75 miles-per-hour and small hail caused minor damage to roofs in Matador, and to a few fields of crops in the area. Some windows were blown out by the wind, or broken by the hail. The hailstones averaged one-half inch in diameter but largest stones were one inch in diameter. The area of damage extended from McAdoe west to Teepee Flat southeast of Matador, to Russellville across the two Roaring Springs oil fields, and into Dickens County. Property damage was estimated at \$12,500 and crop damage at \$2,500. | |
| Knox City, Knox County | 19 | 5:30 p-6:00 p | ? | *6 | 0 | 0 | 2 | 0 | Hailstorm | |
| | | | | | | | | | Hailstones up to 2 1/2 inches in diameter fell at Knox City, but damage was estimated at only \$500. The hailstones averaged about 3/4 inch in diameter. | |
| SE Memphis, Hall County | 19 | 6:00 p-7:00 p | 6 | *2 | 0 | 0 | ? | ? | Hailstorm | |
| | | | | | | | | | Cotton crops were largely destroyed by hail in a 2-by-6 mile area about four miles southeast of Memphis. Hailstones averaged 3/4 inch in diameter with largest stones about 1 3/4 inches in diameter. | |
| Collin County | 19 | 6:55 p | | | | | | | Funnels aloft | |
| 3 W Lueders, Jones County | 19 | 6:30 p | **50 | 10 | 0 | 0 | 4 | 0 | Tornado, windstorm, 3 funnels aloft | |
| | | | | | | | | | Three or four funnel clouds dropped out of the base of thunderstorms in east central Jones County, only one of which touched ground. The E. E. Jordan family escaped injury when they took shelter in a storm cellar just before a tornado almost demolished their farm home and put buildings three miles west of Lueders. The path of the storm was about 50 yards long and 10 yards wide. Damage was estimated at \$6,000. Strong winds caused minor damage to a house several miles north of the Jordan home. | |
| Eastland, Eastland County | 19 | 8:15 p-8:30 p | 25 | *5 | 0 | 0 | 5 | ? | Wind and hailstorm, funnel aloft | |
| | | | | | | | | | High thunderstorm winds and hail caused an estimated \$100,000 damage to property in the city of Eastland and to the area east and southeast of Eastland. Trees, roofs of homes and buildings, and television antennas suffered damage in Eastland. Winds were measured at 74 miles-per-hour. Large hail, up to four inches in diameter, fell during the storm. Plate glass windows were blown out, and several utility poles were broken off. A funnel cloud was observed aloft over Eastland, but it did not touch ground. The storm moved from northwest to southeast. Hail damage was reported in the Hart community about seven miles northeast of Cisco where windows on the north side of homes were shattered by hail two inches in diameter. Some hail damage was reported at Lake Cisco where cabins on the north shore were struck. | |
| Lake Fort Phantom Hill, Jones County | 23 | 3:55 p | ? | ? | 0 | 0 | ? | ? | Tornado | |
| | | | | | | | | | A tornado, described as "red in color" damaged three cabins on the west side of Lake Fort Phantom Hill. The funnel then jumped over to the east side of the lake. Hail up to 3/4 inches in diameter fell for about eight minutes during the storm but caused only minor damage. A houseboat at the Big Country Boat Marina was blown away during the storm, and several boats were overturned. A plate glass window was blown out at the marina. | |
| Near Follet, Lipscomb County | 23 | 4:55 p | 1 | 300 | 0 | 0 | ? | 0 | Tornado, 2 funnels aloft | |
| | | | | | | | | | A tornado touched ground on open farm land near Follet. The tornado passed close to three farm residences, but only damaged trees and utility poles. Some feed hedges were scattered or destroyed. Two other funnels were observed, but are not known to have touched ground. | |
| Prosper, Collin County | 23 | 6:00 p-7:00 p | | | 0 | 0 | 4 | 0 | Lightning | |
| | | | | | | | | | Fire caused by lightning destroyed a house in Prosper and a barn on a farm two miles north of the town. Damage was estimated at \$15,000. | |
| Texas (continued) | | | | | | | | | | |
| Gainesville and vicinity, Cooke County | 23 | 6:30 p-7:45 p | ? | ? | 0 | 0 | ? | ? | Windstorm | |
| | | | | | | | | | A violent windstorm blew down television antennas and trees, and caused considerable damage to roofs of homes in Gainesville. The strong winds caused damage to buildings at the Weber Aircraft Plant five miles west of Gainesville also. A 1,500 pound air conditioning unit was rolled 25 feet by the wind. | |
| Duncanville, Dallas County | 23 | 7:42 p-7:54 p | | | 0 | 0 | ? | 0 | Lightning | |
| | | | | | | | | | Three homes in Duncanville suffered extensive damage when struck by lightning. In each case, lightning struck the television antenna, and the charge was carried into the home. The three homes were within a five block area. | |
| Denton, Denton County | 23 | Night | | | 0 | 0 | ? | 0 | Lightning | |
| | | | | | | | | | A fire caused by lightning caused considerable damage to the North Texas State University Laboratory School shop building. | |
| Near Gainesville, Cooke County | 23 | Night | | | 1 | 0 | 0 | 0 | Lightning | |
| | | | | | | | | | Garry David Shieder, 25, was killed when struck by lightning. He had closed a barbed wire gate when a lightning bolt reportedly struck the gate. The accident occurred near the Valley View community. | |
| McCulloch County | 23-24 | 7:00 p-1:30 a | ? | ? | 0 | 0 | 4 | 4 | Hail and rainstorm | |
| | | | | | | | | | Hail caused scattered damage to property and crops in McCulloch County. Total crop damage was estimated at \$20,000 and property damage at \$5,000. Hailstones ranged in size from 1/4 inch to two inches in diameter. Heavy rains caused an additional \$2,000 damage to fences. | |
| Near Sweetwater, Nolan County | 24 | ? | | | 1 | 0 | ? | ? | Windstorm | |
| | | | | | | | | | A wind gust toppled a camper pickup truck near Sweetwater killing Kimberly Morgan, age four. The little girl was riding in the rear of the camper. | |
| Coryell and Bell Counties | 24 | Morning | ? | ? | 0 | 0 | ? | 0 | Windstorm | |
| | | | | | | | | | A severe windstorm heavily damaged three buildings, two of which were under construction, at Copperas Cove, in Coryell County. Damage was estimated at \$25,000 to a theatre under construction in the Dove Terrace Shopping Center. A 25-by-50 foot building at the Dewald Lumber Company was destroyed. Considerable wind damage occurred at Killen and Fort Hood in Bell County also. At least 12 composition type roofs in the warehouse area of Fort Hood were damaged. A number of tents in North Fort Hood were blown down with many heavily damaged. | |
| Waco, McLennan County | 24 | 5:16 a | ? | ? | 0 | 0 | ? | ? | Windstorm | |
| | | | | | | | | | Winds up to 75 miles-per-hour buffeted Waco and the immediate vicinity and caused thousands of dollars of damage. The wind hit its greatest velocity at 5:16 a.m. after building up during the night. For hours the wind blew at a velocity between 65 and 75 miles-per-hour. According to meteorologists at the Waco Weather Bureau Office, Waco had hot temperatures above 90° F., during the night, and the areas around the city and its environs were 10° to 20° F. cooler. As the hot air rose and created lower pressure in the layers near the surface of the ground, the cooler air rushed in. Damage was scattered throughout the Waco area. The wind whipped hundreds of limbs off trees which downed utility lines. Fall traffic signal standards and signs were blown down. Some large windows were blown out, and roofs of homes and buildings were damaged. The winds caused an estimated \$10,000 worth of damage to four airplanes owned by Miller Aircraft at Waco Municipal Airport. | |
| Mills, Lampasas and San Saba Counties | 24 | 9:00 p | ? | ? | 0 | 0 | 0 | ? | Lightning | |
| | | | | | | | | | An estimated 1,700 to 2,000 acres of range land were burned over as a result of five fires started by lightning in Mills, Lampasas and San Saba Counties. The spectacular electrical storm passed over the tri-county area beginning about 9:00 p.m. | |
| Lone Star-Weston area, Morris County | 25 | Night | 3 | *1 | 0 | 0 | ? | ? | Hail and windstorm | |
| | | | | | | | | | Hail and high winds did extensive damage to buildings, crops and gardens between Lone Star and Weston. A house trailer located west of Lone Star was demolished completely. Corn, cotton and maize suffered heavy damages. Several trees in the path of the storm were broken and some uprooted. | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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) Laredo, Webb County | 25- 26 | 6:30 p- 3:00 a | ? | ? | 0 | 2 | 4 | 0 | Windstorm |
| <p>High thunderstorm winds caused an estimated \$21,000 worth of damage to property in Laredo. Two persons suffered minor injuries when struck by flying debris. One house was unroofed by the storm. Damage across the river in Nuevo Laredo was estimated at \$5,000. Gusts up to 69 miles-per-hour were recorded at Laredo Air Force Base, one mile west of the city. Small hail accompanied the storm. The strong winds wrecked a marina and overturned a cabin cruiser and other boats at Lake Casablanca outside of the city.</p> | | | | | | | | | |
| 5 W Midlothian, Ellis County | 26 | 4:00 a | ? | ? | 0 | 1 | 4 | 0 | Windstorm |
| <p>A sixty food house trailer located five miles west of Midlothian on the Kemp Ranch was destroyed by strong winds and ripped apart. Mr. and Mrs. Eugene Roberts and their four-weeks-old baby were in the trailer at the time it was flipped over by the wind. Mr. Roberts suffered an injury to his leg when he was thrown out of the trailer into the yard.</p> | | | | | | | | | |
| CORRECTED DATA | | | | | | | | | |
| Connecticut Statewide | Oct. 18- 19 | 1967 12 noon- 4 AM | | | 0 | 0 | 4 | 0 | Rain, wind |
| <p>Locally heavy rain on 18th flooded streets and cellars. Driving conditions were hazardous with accident rate considerably above normal. Winds, which reached 50 mph with some gusts to 70 mph, caused scattered power and communication failures. Major effect of rain and wind occurred in southwest where several boats were smashed along the coast.</p> | | | | | | | | | |

- ° 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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STORM DATA AND UNUSUAL WEATHER PHENOMENA

DELAYED DATA

| 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 | |
| Michigan Livonia, Wayne County | Apr. 23 | 1968 3:30 PM | 1/8 | 20 | 0 | 1 | 4 | 0 | Tornado |
| | | | | | | | | | Funnel observed to form from southwest moving northeastward. It touched down briefly at 12068 Market Street, sucking up sand and exploding the roof of a building under construction before lifting. Radar at Flint confirmed hook echo in this cell. |
| Georgia Decatur County | Dec. 28 | 1968 4:44 a. | 1/2 | 100 | 0 | 0 | 4 | 0 | Tornado |
| | | | | | | | | | Storm moved through a rural section of southern Decatur County. Two residences were heavily damaged and several tobacco barns and other farm buildings were demolished. A church was lifted from its foundation and an automobile was picked up and carried 200 feet. Storm moved from southwest to northeast. |
| Montana | Jan. 1 | 1969 | | | 1 | | | | |
| | | | | | | | | | A Havre man, reported missing on January 19, 1969, was found frozen to death on March 17, 1969. |
| Louisiana Coast | Feb. 17-14 | 1969 | | | 0 | 1 | 4 | 0 | Storm tides, wind, rain. |
| | | | | | | | | | Strong easterly winds (40-60 m.p.h.) caused tides to run well above normal along the entire coast. Levels reached 2-3 feet above normal in the southwest, flooding lower sections of the town of Cameron, and closing roads. A shrimp boat sank about 9 p.m. on the 13 th after hitting the Calcasieu Pass Jetty, and another ran aground. A work-over oil rig in Black Bayou was toppled over by winds during the night. |
| Allen Parish | 27 | 4:50 p.m. | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | Public reported golf-ball hail at Oakdale. |
| Beauregard Parish | 27 | 8:15-9:00 p.m. | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | State Police reported golf-ball hail over area 10 miles south of Deridder at Longville at 8:15 p.m. Movement of storm east-southeast. Public report from Singer at 9:00 p.m. of large hail covering ground. |
| Louisiana Plaquemines Parish | Mar. 6 | 1969 6:30 a. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Thunderstorm winds overturned several trailers at Boothville. Gusts estimated 60 to 70 knots. |
| St. Landry Parish | 15 | 5:00 p. | | | 0 | 0 | 0 | 0 | Hail |
| | | | | | | | | | Sheriff's office reported "penny-sized" hail in western part of Opelousas. |
| Coastal Areas | 23 | | | | 0 | 0 | 0 | 0 | Wind tides |
| | | | | | | | | | Strong south and southeast winds pushed tides 3 to 4 feet above normal. Some low unprotected areas in the southeast were inundated. |
| Rapides Parish | 23 | 11:30 a. | | | 0 | 0 | 0 | 0 | Funnel Cloud Aloft |
| | | | | | | | | | Hickory Grove. |
| Calcasieu Parish | 23 | 11:00 a.-1:00 p. | | | 0 | 0 | 4 | 0 | Tornadoes (3) |
| | | | | | | | | | Three small tornadoes struck during passage of heavy squall line (winds 50-60 m.p.h.) across southwest Louisiana. 1. 3 miles east of Vinton, about 11:20 a., demolished barn. 2. Boys Village (10 miles east of WBO, Lake Charles), 12:10 p., some damage to buildings, small building shifted 30 ft. 3. 5 miles southeast of Holmwood, about 12:20 p. |
| Jefferson Davis Parish | 23 | 1:15 p. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Observer at Jennings estimated winds 55 to 60 m.p.h. As squall line passed. Four large oak trees blown down and small building demolished. |
| Lafayette Parish | 23 | 3:00 p. | | | | | | | Funnel Cloud Aloft |
| | | | | | | | | | Lafayette--not touching ground. |
| Southern Half | 23 | Evening | | | | | | | Aurora Borealis |
| | | | | | | | | | Aurora Borealis sightings throughout South Louisiana from Lake Charles eastward to Florida Parishes. Reports indicated reddish color, movement, and sometimes spots rather than solid shimmer in the north. Observer at Cuydan noted brilliant clarity of sky during display. |
| Hawaii | Apr. 1969 | | | | | | | | None reported |
| | | | | | | | | | See reference notes with current data. |
| Louisiana Ouachita Parish | Apr. 4 | 1969 6:30 | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | State Police reported 1 inch diameter hail for brief period just south of Monroe. |
| Calcasieu Parish | 5 | 5:08 a. | | | 0 | 0 | 4 | 0 | Tornadoes (2) |
| | | | | | | | | | Public reported small tornado 1 1/2 miles south of Lake Charles moving northeast. Small tornado touched down at Hayes (15 miles east of Lake Charles) at about same time, destroying two barns and damaging trailer. |
| Cameron Parish | 5 | 5:55 a. | | | | | | | Funnel Cloud |
| | | | | | | | | | 10 miles west-southwest of Grand Chenier. Radar hook echo, funnel apparently did not touch down. |
| Acadia Parish | 5 | 6:00 a. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Heavy thunderstorms moved through parish, damaging numerous out-buildings, felling trees at Crowley and Rayne. Rice storage bin damaged in link community. Several trucks reported upset at Rayne. |
| Livingston and Tangipahoa Parishes | 5 | 7:00 a. | | | 0 | 0 | 4 | 0 | Wind |
| | | | | | | | | | Roof of house ripped off, utility poles downed, and windows shattered at Springfield. Minor damage also reported near Hammond. |
| Lafourche Parish | 8 | 6:15 p. | | | 0 | 0 | 5 | 0 | Rain, wind |
| | | | | | | | | | Roof and one wall of new Thibodaux High School gymnasium collapsed under weight of water from heavy thunderstorm. Unofficial estimates placed rainfall between 5 and 7:30 p.m. at about 4 inches and winds as high as 40 m.p.h. |
| Southern Half of State | 12-13 | | | | 0 | 0 | 5 | 0 | Rain, local flooding |
| | | | | | | | | | Heavy rains, locally 4 to 8 inches in 24 hours, brought many bayous out of banks. Sections of Crowley, Jennings, Rayne, Lafayette, Eunice, Lake Charles, Baton Rouge inundated. Many fields and second dairy roads in several parishes under water for several days. [Additional rains on April 15-17 extended flooding in some South Central and Southwestern Parishes] |
| Ascension Parish | 12 | 10:30 p. | 10 | 100 | 0 | 1 | 5 | 0 | Tornado |
| | | | | | | | | | Tornado moved east-northeast, striking through Galvez community. Galvez School heavily damaged gymnasium and several classrooms. Three temporary classroom buildings piled atop each other. Windows broken in nearby new school under construction. Several mobile homes destroyed, others blown off block. Roofs damaged and trees uprooted. |
| Union Parish | 17 | 11:30 a. | | | 0 | 0 | ? | | Lightning |
| | | | | | | | | | High school gymnasium at Farmerville struck by lightning. Hole torn in roof, allowing some water damage inside. |
| East Carroll Parish | 17 | 12:00 n. | | | 0 | 0 | 4 | 0 | Tornado |
| | | | | | | | | | Funnel cloud seen by resident of Monticello who was driving home from Delhi. Barn damaged, windows blown out of Monticello High School, 2 trailers blown from foundations, 2 tenant houses damaged, and telephone and power lines downed. |
| Vernon Parish | 17 | | | | 2 | 0 | 0 | 0 | Lightning |
| | | | | | | | | | Two enlisted men killed by lightning while working in target pit of machine gun firing range at Ft. Polk. |
| St. John Parish | 23 | 3:43 p. | | | 0 | 0 | 4 | 0 | Hail |
| | | | | | | | | | Ground covered with 3/4 inch diameter hail around LaPlace. Damage reported to autos. |
| Montana Southeastern | Apr. 25-26 | 1969 | | | 0 | 0 | 7 | 0 | Blizzard |
| | | | | | | | | | Earlier estimates of storm damage proved to be conservative. Estimates by the Montana Agricultural Stabilization and Conservation Service Office include losses of 88,023 sheep (41,765 mature; 46,258 lambs) and 8,615 cattle (12,392 mature; 5,225 calves) with an estimated value of over \$5 million. Total storm damage is at least \$6 million. A few ranchers in the affected area reported almost total loss of livestock. |
| Pacific Pennsylvania Washington County | Apr. 18 | 1969 Late afternoon | | | | | | | None reported |
| | | | | | | | | | The Bentleyville area was covered by pea-sized hailstones. The widespread damage was minor. |
| Jenkintown, Mont- gomery County | 19 | Morning | | | | | | | Wind, Rain, Hail |
| | | | | | | | | | Diminished hailstones were reported in the area. Gusty winds and heavy rain caused power failure due to a tree falling on a 1,000 volt power line. |

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