

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

July 1969

Volume 11 No. 7



Asheville 1969

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | | | | | | | | |
| Birmingham, Jefferson County | 7 | Afternoon | | | 0 | 1 | | | Electrical |
| Youth hit by lightning while tying down airplane at Municipal Airport. | | | | | | | | | |
| Ft. McClellan, Calhoun County | 7 | Afternoon | | | 0 | 3 | | | Electrical |
| Three persons injured when lightning struck on Pelham Range. | | | | | | | | | |
| Albertville, Marshall County | 8 | 4:30 p.m. | | | 0 | 0 | 4 | 0 | Wind |
| Plate glass windows shattered, 2 buildings unroofed, garage demolished, trees uprooted. | | | | | | | | | |
| Smith Lake, Winston & Cullman Counties | 8 | Evening | | | 0 | 1 | 4 | 0 | Wind |
| One person injured when wind blew down power lines. Boats, docks, several business buildings, roofs and awnings damaged by wind. | | | | | | | | | |
| Baldwin County | 8 | 5:30 p.m. | Short Narrow | | 0 | 0 | 2 | 0 | Tornado |
| Tornado dipped down briefly in wooded area twisting off pine trees. Funnel observed by public 5 1/2 miles east of Spanish Fort. | | | | | | | | | |
| Covington County | 11 | 12:40 p.m. | | | | | | | Funnel |
| Funnel reported by pilot 5 miles northeast of Andalusia. No evidence of touching down. | | | | | | | | | |
| Sardis City, Etowah County | 13 | 5:30 p.m. | | | 0 | 2 | 4 | 0 | Wind |
| Mobile home overturned injuring 2 occupants. Roof of Sardis High School damaged, trees uprooted and scattered damage over a half mile area. | | | | | | | | | |
| Houston County | 13 | 6:30 p.m. | | | 0 | 0 | 4 | 0 | Electrical |
| Lightning set fire to house which destroyed house and contents. | | | | | | | | | |
| Conecuh County | 16 | Afternoon | | | | | | | Funnel |
| Funnel observed 25 miles southeast of Monticelloville. | | | | | | | | | |
| Pine Beach, Baldwin County | 17 | 11:30 a.m. | | | 0 | 0 | 2 | 0 | Waterspout |
| Waterspout moved inland and blew down 2 power line poles. | | | | | | | | | |
| Dothan, Houston County | 23 | Afternoon | | | 1 | 0 | | | Electrical |
| Youth struck by lightning while walking across playground. | | | | | | | | | |
| Mobile, Mobile County | 27 | 3:30 p.m. | 1/2 | 35 | 0 | 0 | 4 | 0 | Tornado |
| Tornado sighted by public about 5 miles southwest of downtown on a branch of Dog River. Two boat houses damaged severely and trees twisted off. | | | | | | | | | |
| Alaska | | | | | | | | | |
| Tangle Lakes approx. 25 miles from Paxson | 6 | | | | | | | | Funnel Cloud |
| Public reported a funnel cloud aloft. No evidence of touching ground. | | | | | | | | | |
| Snowshoe Lake Lat. 62° 02' Long. 146° 40' | 4 | | | | | | | | Funnel Clouds |
| Observer reported 3 sightings of funnel clouds. No evidence of touching ground. | | | | | | | | | |
| Arizona | | | | | | | | | |
| Tucson (40 miles SSW) | 16 | 1:00 p. | | | 0 | 0 | 0 | 0 | Funnel cloud |
| Funnel cloud was observed over open desert country | | | | | | | | | |
| Grand Canyon | 21 | Afternoon | | | 0 | 2 | 0 | 0 | Lightning |
| Lightning struck a man and his young daughter 4 miles west of Grand Canyon Villages. They were treated and released at Grand Canyon hospital. | | | | | | | | | |
| Theba (near) | 31 | 11:45 p. | | | 0 | 2 | 4 | 0 | Tornado |
| A small tornado moved across the highway about 5 miles west of Gila Bend damaging several automobiles and causing minor injuries to two occupants in one car. Three railroad freight cars were overturned by the wind and several small housing units were unroofed. | | | | | | | | | |
| Arkansas | | | | | | | | | |
| Jonesboro - Craighead County | 12 | 7:00 p. to 8:00 P. | | | 2 | 4 | 3 | | Wind, rain and hail |
| Squall line moved through northeast Arkansas and produced 60 mph wind at Jonesboro Airport with brief heavy rain and 3/4 - 1-1/4 inch hail. Window and tree damage at Jonesboro and mother and daughter injured in overturned trailer just north of Jonesboro. | | | | | | | | | |
| Newport - Jackson County | 13 | 4:00 p. to 4:30 P. | | | | | 5 | | Wind - hail |
| 15 new trailers destroyed at trailer factory. Also building damaged near airport. One private aircraft destroyed. The same squall line produced minor wind damage at Grubbs, Tuckerman and Swifton. | | | | | | | | | |
| Beech Grove - Greene County | 13 | 4:00 p. to 4:30 p. | 3 | 1/2 mi. | | | 5 | | Wind - hail |
| 2,000 acres of cotton, soybeans and corn badly damaged in this area. | | | | | | | | | |
| Jonesboro - Craighead County | 13 | 5:00 p. to 5:30 p. | | | | | 4 | | Wind |
| Three barns demolished and two barns damaged on Arkansas State University Campus. Two cows electrocuted by fallen wires in area. 1,500 customers in Jonesboro area out of electric power. | | | | | | | | | |
| Arkansas (continued) | | | | | | | | | |
| Waldron - Scott County | 14 | 6:00 p. | | | | | 1 | | Lightning |
| Boy critically injured while leading a dog by metal chain. Dog killed. | | | | | | | | | |
| Hot Springs - Garland County | 14 | 3:00 p. to 3:30 p. | 2 | 1/2 mi. | | | 4 | | Wind |
| Boat houses and docks damaged on Lake Hamilton. Many boats set adrift and damaged. One party barge was blown over a 4 foot high retaining wall. | | | | | | | | | |
| Magnet Cove - Hot Spring County | 15 | Afternoon | | | | | 2 | | Lightning |
| Two men working on a pipeline were killed when lightning struck a tree and set off some dynamite. | | | | | | | | | |
| Atkins - Pope County | 21 | Evening | | | | | 3 | | Lightning |
| Eleven head of cattle killed by lightning just northeast of Atkins. | | | | | | | | | |
| Mammoth Spring - Fulton County | 24 | Afternoon | | | | | 3 | | Lightning |
| Registered Angus cow killed by lightning west of Mammoth Spring. | | | | | | | | | |
| Rye - Cleveland County | 24 | Afternoon | | | | | 3 | | Lightning |
| 4 cows and one bull killed by lightning. | | | | | | | | | |
| Table Rock Lake - Boone County | 24 | Noon | | | | | 2 | | Lightning |
| Father and son killed by lightning at the Crickett Creek boat dock on Table Rock Lake near the Arkansas-Missouri line. | | | | | | | | | |
| Central Arkansas | 27 | 2:00 p. to 6:00 p. | 150 | 5-10 miles | | | | | Wind |
| A mass of violent thunderstorms (see specific locations below) moved from Yell County southeastward through Pulaski County to Arkansas County. 40 - 70 mph winds were sustained for as much as 10 minutes in some areas. Damage in Little Rock to power lines was described as the worst since the glass storm of January 1968. | | | | | | | | | |
| Little Rock - Jacksonville area - Pulaski County | 27 | 4:30 p. | | | | | 6 | 5 | Wind |
| Winds 60 - 70 mph in western Little Rock. 15,000 customers in Little Rock lost electric service, some of them for 24 hours. 68 streets blocked by trees and fallen wires. 6 people cut by flying glass in drive-in restaurant. Power lost in all of Jacksonville for 30 minutes during storm. | | | | | | | | | |
| Stuttgart - Arkansas County | 27 | 5:00 p. to 6:00 P. | | | | | 5 | | Wind |
| Homes unroofed and barns down. 220 foot radio antenna toppled. Convalescent home unroofed. Winds estimated 85 mph. | | | | | | | | | |
| California | | | | | | | | | |
| Colorado | | | | | | | | | |
| Washington County | 5 | 4:00PM | | | | | 3 | | Tornado |
| A tornado was reported 2 miles south of Akron. Several hundred turkeys were killed at a turkey farm. | | | | | | | | | |
| Arapahoe County | 5 | 4:40PM | | | | | | | Funnel Cloud |
| A funnel was reported near Buckley Field. May have touched ground, but no confirmation. | | | | | | | | | |
| Kit Carson County | 5 | 6-7PM | | | | | 4 | 4 | Thunderstorm, Tornado |
| A severe thunderstorm damaged crops and property in the southeastern part of the county, in the area of the North Fork of the Smoky Hill River. Hail damaged crops in scattered areas, but most of the damage was from wind and heavy rain. Six to seven inches of rain in a period of less than 1/2 hour were reported in some localities. The heavy run-off caused flooding of fields and farm property. A tornado destroyed a barn at a farm 12 miles south of Burlington. | | | | | | | | | |
| Pueblo | 5 | Evening | | | | | 2 | | Hail |
| Hail stones up to golf ball size broke windows and caused other minor damage in northwestern areas of the city. | | | | | | | | | |
| Saguache County | 11 | 1:30PM | | | | | 1 | 1 | Lightning |
| A man was killed and another received minor injury when lightning struck a tree under which they had taken shelter, in a high mountain area about 25 miles northwest of Saguache. | | | | | | | | | |
| Prowers County | 11 | 2:40PM | | | | | 0 | 0 | Tornado |
| A tornado touched ground for about 30 seconds 1 1/2 miles east of Lanat (2 miles west of Granada), uprooting a few trees and damaging some abandoned farm buildings. Funnel moved northeast at about 25 mph. | | | | | | | | | |
| Prowers County | 15 | 5:30PM | Short Narrow | | | | 3 | | Tornado |
| A tornado touched ground for about one minute, damaging structures on a farm 5 1/2 miles northeast of Lamar. A barn was blown 200 feet and demolished. A steel granary was lifted over a fence and blown 300 feet into a row of trees. A nearby house was undamaged. | | | | | | | | | |

See reference notes at end of table.

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|--|-------|-----------------------|------------------------|-----------------------|----------------|---------|------------------|-------|--|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Colorado (continued) | | | | | | | | | |
| Montezuma County | 19 | PM | | | 1 | 2 | | | Lightning |
| | | | | | | | | | Lightning killed one man and injured two other people in Mesa Verde National Park. |
| Pueblo, Crowley, and Otero Counties | 20 | PM | | | | | 4 | 3 | Heavy Rain |
| | | | | | | | | | Heavy rains caused flash floods in several areas. Streets and sewers were damaged and basements were flooded in Pueblo. Crops were flooded in areas of southern Crowley and northern Otero Counties. |
| Washington County | 23 | 11:28PM | | | | | | | Funnel Cloud |
| | | | | | | | | | A funnel was reported 10 miles northeast of Akron, moving south. |
| Yuma County | 23 | 11:30PM | | | | | 4 | 0 | Severe Thunderstorm |
| | | | | | | | | | High winds, rain, and hail damaged property and crops in the Yuma area. Winds were unofficially reported at 70-75 mph with gusts to 85 mph at Yuma. Heaviest damage was in an area 5 miles north of Yuma where trailer houses were overturned and farm buildings damaged. Heavy power poles over a 1 1/2 mile stretch were broken off at ground level. Rain was estimated at 5 to 6 inches within one hour. Crops were damaged by flash flooding and hail. |
| Douglas County | 24 | 2:54PM | | | | | | | Funnel Cloud |
| | | | | | | | | | A funnel was reported during a violent thunderstorm in the Sedalia area. |
| Telluride | 31 | 1:30PM | | | | | | 5 | Heavy Rain |
| | | | | | | | | | Heavy rains in the surrounding valleys caused flash flooding which washed mud and heavy boulders into Telluride, a mountain town in the San Juan Mountains of southern Colorado. Several homes were demolished, many were damaged, and roads were blocked by the slide. |
| Jefferson County | 31 | 11:55AM | | | | | | | Funnel Cloud |
| | | | | | | | | | A funnel was reported 18 miles southwest of Denver. |
| Logan County | 31 | Early evening | | | | | 2 | 4 | Hail, Rain, Wind |
| | | | | | | | | | Severe hail with heavy rain and high winds damaged sugar beet crops in the Sterling area. Damage extended southwest to Atwood and east to Fleming. Rain caused some local flooding, and wind did some damage to trees and property. |
| Connecticut | | | | | | | | | |
| Northwestern sections | 17 | 2-7 PM | | | 1 | ? | 5 | 4 | Lightning, wind, rain |
| | | | | | | | | | Thunderstorms occurred statewide but intense activity was confined to the northwestern quarter of the state, especially Litchfield and northern New Haven counties. Several power failures, due to falling trees, occurred. A fifteen year old boy was struck and killed by lightning on a golf course at Lakeville in the town of Salisbury. Several people were injured by lightning strikes in Waterbury and Watertown caused extensive damage. Locally heavy rains caused scattered flash flooding as far east as Berlin in Hartford county. |
| Statewide | 28-29 | | | | 0 | 0 | 5 | 5 | Rain |
| | | | | | | | | | Rain began on 27th and ended on 30th but torrential showers on the 28th and torrential rains interlaced with even heavier showers and thunderstorms occurred on the 29th. Short bursts of heavy rain were responsible for scattered local flash flooding throughout the state, but rainfalls of up to 7 inches in Litchfield County were responsible for very heavy damage to roads, culverts and bridges. In several localities the flood damage was the greatest since the hurricane floods of 1955. |
| Delaware | | | | | | | | | |
| Bethany Beach | 3 | 2:00 p | | | 0 | 10 | 4 | 0 | Wind, hail |
| | | | | | | | | | A severe thunderstorm struck Seaside Camp about 3 miles north of Bethany Beach. Fourteen trailers were reported overturned; tents were strewn over the camp. Ten persons were injured and two of them were hospitalized. One man was struck by lightning but was able to drive home. There was no evidence of an explosive force or unusual roaring sound. Hail ice-cube size, was also reported. |
| Sussex County | 19 | Afternoon | | | 0 | 0 | 4 | 0 | |
| | | | | | | | | | Two homes were badly damaged by fire set by lightning. |
| Gumboro(near) | 19 | 6:00 p | | | | 1 | | | Thunderstorm |
| | | | | | | | | | A Navy pilot was killed when his airplane crashed during a thunderstorm. |
| Kent and New Castle Counties | 20 | Evening | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | There were scattered reports of lightning damage. Fires set by lightning destroyed two barns and damaged two homes. |
| Sussex County | 21 | Morning | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Lightning-set fires destroyed one barn and badly damaged a 50-year old house. |
| New Castle County | 28 | | | | 1 | 0 | 4 | 0 | Rain, flooding |
| | | | | | | | | | Heavy rainfall brought flooding, especially along streams and low-lying areas. A 12-year old boy was drowned when swept away in a swollen creek. Several buildings were damaged by rain and flooding waters; also, several bridges were damaged. |
| Florida | | | | | | | | | |
| Pensacola (8 1/2 mis. S) | 1 | 10:55a | | | | | | | Waterspout |
| Pensacola (10 mis. W) | 1 | 10:55a | | | | | | | Funnels aloft (2) |
| Florida (continued) | | | | | | | | | |
| West Palm Beach (50 mis. WSW) | 1 | 11:53a | | | | | | | Funnel aloft |
| Tampa (26 mis. N) | 1 | 5:02p | | | | | | | Funnel aloft |
| Tampa (6 mis. N) | 1 | 5:40p | | | 0 | 0 | 2 | 0 | Tornado |
| | | | | | | | | | Minor damage to five houses. Tornado moved west at 7 mph. |
| Fort Myers (2 mis. SE) | 2 | 3:55p | | | | | | | Funnel aloft |
| Pensacola (10 mis. E NAS) | 2 | 4:10p | | | | | | | Funnel aloft |
| Key West (35 mis. W) | 2 | 4:21p | | | | | | | Waterspout |
| Tampa (5 mis. SSE) (Gibsonton) | 2 | 5:46p | | | 0 | 2 | 3 | 0 | Tornado |
| | | | | | | | | | House unroofed, trailer overturned and power lines down. Two injuries reported. |
| Tampa (3 mis. S) | 2 | 6:45p | | | | | | | Funnel aloft |
| Tampa (15 mis. W) (Clearwater Beach) | 3 | 9:35a | | | | | | | Funnel aloft |
| Vero Beach (17 mis. SW) | 3 | 5:40p | | | | | | | Funnel aloft |
| Key West (8 mis. NE) | 3 | 6:41p | | | | | | | Waterspout |
| Pensacola (23 mis. S) | 4 | 7:15a | | | | | | | Funnel aloft |
| Key West (20 mis. NE) (Big Pine Key) | 4 | 11:08a | | | | | | | Funnel aloft |
| Tampa (37 mis. WSW) | 5 | 11:40a | | | | | | | Waterspout |
| Key West (33 mis. ENE) (15 mis. N. Big Pine Key) | 6 | 9:50a | | | | | | | Funnel aloft |
| Key West (5 mis. NW) | 6 | 12:50p | | | | | | | Funnel aloft |
| Key West (15 mis. W) | 6 | 6:15p | | | | | | | Waterspout |
| Leesburg Lake County | 6 | 7:00p | | | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Touched down in unpopulated area. No damage or injuries reported. |
| Orlando (32 mis. NNW) | 6 | 7:10p | | | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Highway Patrol reported brief touch down. Apparently over open country. No injuries or damage reported. |
| Fort Lauderdale | 7 | 7:51a | | | | | | | Waterspouts (3) |
| Pensacola (7 mis. SE) | 7 | 8:56-9:27a | | | | | | | Funnels aloft (several) |
| Key West (5 mis. NNE) | 7 | 12:30p | | | | | | | Funnel aloft |
| Vero Beach (10 mis. W) | 7 | 12:30p | | | | | | | Funnel aloft |
| Key West (9 mis. NNW) | 7 | 1:03p | | | | | | | Waterspout |
| Tampa (10 mis. NE) | 7 | 5:25p | | | | | | | Funnel aloft |
| Key West (5 mis. S) | 8 | 5:47a | | | | | | | Funnel aloft |
| Key West (20 mis. NE) N of Big Pine Key | 8 | 7:48a | | | | | | | Waterspouts (2) |
| Key West (7 mis. ESE) | 8 | 8:10a | | | | | | | Waterspout |
| Panama City (10 mis. WSW) | 8 | 8:10a | | | | | | | Waterspout |
| Panama City (5 mis. S) | 8 | 9:01a | | | | | | | Funnel aloft |
| Key West (8 mis. W) | 8 | 1:49p | | | | | | | Waterspout |
| Tampa (18 mis. SSW) | 8 | 2:40p | | | | | | | Funnel aloft |
| Pensacola (3 mis. S Elylyon NAS) | 8 | 3:55p | | | | | | | Funnel aloft |
| Lakeland (12 mis. N) | 8 | 5:00p | | | 0 | 0 | 3 | 0 | Squall-tornado |
| | | | | | | | | | Patio unroofed and some damage to roof of house indicates storm was probably a squall rather than a tornado. Damage estimated at \$1,000. |
| Pensacola (7 mis. SW NAS) | 9 | 1:00p | | | | | | | Funnel aloft |
| Pensacola (5 mis. W. NAS) | 9 | 3:37p | | | | | | | Funnel aloft |
| Valparaiso Okaloosa County | 9 | 6:15p | | | | | | | Hail and wind |
| | | | | | | | | | Small hail, winds up to 50 mph. |
| Tampa (16 mis. SSW) | 10 | 1:15p | | | | | | | Funnel aloft |

See reference notes with current data.

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|---|------|-----------------------|------------------------|-----------------------|----------------|--------|------------------|-------|--|---------------------------------------|------|-----------------------|------------------------|-----------------------|----------------|--------|------------------|-------|--|------------|
| | | | | | KILLED | INURED | PROPERTY | CROPS | | | | | | | KILLED | INURED | PROPERTY | CROPS | | |
| Florida (continued) | | | | | | | | | | Florida (continued) | | | | | | | | | | |
| Pensacola (3 mis. E) | 10 | 2:15p | | | | | | | Waterspout | Ft. Leauderdale (16 mis. NNE) | 26 | 1:45p | | | | | | | Waterspouts (2) | |
| St. Petersburg (25 mis. S) | 14 | 8:58a | | | | | | | Waterspout | Pensacola (3 mis. N Elyson NAS) | 27 | 5:55p | | | | | | | Funnel aloft | |
| Tampa (49 mis. W) | 14 | 12:35p | | | | | | | Waterspouts (2) | Miami (12 mis. SE) | 28 | 9:48a | | | | | | | Funnel aloft | |
| Plant City Hillsborough County (20 mis. E of Tampa) | 14 | 1:50p | | | | | | | Strong winds | Pensacola (4 mis. SE) | 28 | 3:55p | | | | | | | Waterspout | |
| | | | | | | | | | Trailer overturned and porch torn from house. | Melbourne (25 mis. NW) Brevard County | 28 | 4:39p | | | 0 | 0 | 3 | 0 | Winds | |
| Gainesville Alachua County | 14 | 4:00p | | | 0 | 2 | 5 | 0 | Winds | | | | | | | | | | One house damaged, trees and power lines down. No injuries. | |
| | | | | | | | | | Store windows blown out, lumber sheds unroofed, and metal roofing shorted out power lines. Holes damaged. Damage to new cars in dealer's lot caused by flying debris. Two injuries. Damage estimated near \$100,000. | Patrick AFB Brevard County | 28 | 4:56p | | | | | | | | Waterspout |
| Lake Wales Polk County | 14 | 5:00p | | | 0 | 0 | 4 | 0 | Tornado | Key West | 29 | 6:22a | | | | | | | Waterspout | |
| | | | | | | | | | One house destroyed. No injuries reported. | West Palm Beach (2 mis. WNW) | 29 | 3:48p | | | | | | | Funnel aloft | |
| Cross City (25 mis. S) | 14 | | | | 0 | 0 | 0 | 0 | Wind | Pensacola (6 mis. SW) | 29 | 5:15p | | | | | | | Funnel aloft | |
| Tallahassee (4 mis. ENE) | 14 | 6:35p | | | | | | | Hail | Tampa (5 mis. N) | 30 | 11:43a | | | | | | | Funnel aloft | |
| | | | | | | | | | Small, 3/8 inch hail reported. | Pensacola (3 mis. S Elyson NAS) | 31 | | | | | | | | Waterspout | |
| Key West (15 mis. ENE) | 14 | 6:45p | | | | | | | Funnel aloft | Tampa (8 mis. ESE) | 31 | 3:54p | | | | | | | Winds | |
| Miami (50 mis. NW) | 16 | 5:55p | | | | | | | Funnel aloft | | | | | | | | | | Tampa Electric Co. measured gusts up to 66 mph at Palm River Station | |
| Key West (12 mis. E) | 17 | 1:10p | | | | | | | Funnel aloft | Georgia | | | | | | | | | | |
| Fort Leauderdale (5 mis. E) | 17 | 3:05p | | | | | | | Waterspout | Doraville, 13 miles NNE of Atlanta | 1 | 2:45 p | | | 0 | 0 | 3 | 0 | Hail and wind | |
| Orlando (24 mis. ENE) | 18 | 11:20a | | | | | | | Funnel aloft | | | | | | | | | | Hail up to 1-3/4 inches in diameter and strong winds reported. | |
| Fort Leauderdale (12 mis. SSE) | 18 | 12:30p | | | | | | | Funnel aloft | Roopville, Carroll County | 1 | pm | | | 0 | 0 | 4 | 0 | Lightning | |
| Orlando (5 mis. W) | 18 | 2:15p | | | | | | | Hail | | | | | | | | | | Eight dairy cows killed by lightning. | |
| | | | | | | | | | Hail up to 1 3/4 inch reported. | Gainesville | 7 | 2:15 p | | | 0 | 0 | 4 | 0 | Wind and hail | |
| Brooksville Hernando County | 18 | 5:00p | | | | | | | Lightning and rain | | | | | | | | | | Roofs of several houses were damaged and numerous trees were uprooted or snapped off. Power lines blown down. Witnesses described a spinning motion of the wind and one observer thought it was a small tornado that never quite reached the ground. | |
| St. Petersburg and Tampa area | 18 | 5:00-6:00p | | | 0 | 0 | 2 | 0 | Funnel aloft, hail and lightning | Atlanta, 4 SW | 7 | 5:00 p | | | 0 | 0 | 4 | 0 | Windstorm | |
| | | | | | | | | | Public reported several funnel clouds in vicinity. None believed to have touched down. Lightning caused power failure. Hail of one-half inch reported in Temple Terrace section of Tampa. | | | | | | | | | | Winds overturned 4 campers and caused considerable damage to other property. | |
| Fort Leauderdale (8 mis. ENE) | 19 | 2:30p | | | | | | | Waterspout | Barnesville | 7 | 5:30 p | | | 0 | 0 | 4 | 0 | Windstorm | |
| Melbourne (3 mis. E) | 19 | 4:53p | | | | | | | Funnel aloft | | | | | | | | | | Several business buildings suffered roof damage and a number of plate glass windows were broken. Trees were uprooted. | |
| Pensacola (14 mis. SSW) | 20 | 7:35a | | | | | | | Waterspout | Fort Stewart | 7 | 6:15 p | | | 0 | 1 | 0 | 0 | Lightning | |
| Vero Beach (29 mis. SSE) Indian River County | 20 | 10:28a | | | | | | | Funnel aloft | | | | | | | | | | Several National Guardsmen were stumped and one suffered serious injury when lightning hit in their area. | |
| Orlando (18 mis. NE) near Titusville | 20 | 11:00a | | | | | | | Funnel aloft | Jesup | 8 | 2:00 a | | | 0 | 0 | 4 | 0 | Lightning | |
| Orlando (15 mis. W) near Lake Apopka | 20 | 12:35p | | | | | | | Funnel aloft | | | | | | | | | | A cabinet shop was completely destroyed by fire after being hit by lightning. | |
| West Palm Beach (8 mis. ENE) | 20 | 12:43p | | | | | | | Funnel aloft | Lilburn and Lawrenceville | 8 | 12:15 p | | | 0 | 0 | 4 | 0 | Lightning | |
| Daytona Beach (8 mis. S) | 22 | 7:18p | | | 0 | 0 | 3 | 0 | Small tornado | | | | | | | | | | Several buildings were struck by lightning during a violent thunderstorm. One home was completely destroyed and others were damaged by fire. | |
| | | | | | | | | | Two mobile homes destroyed near Port Orange. Damage does not indicate storm necessarily a tornado but one witness reported sighting a funnel cloud touching the ground. No injuries. | Rome, near | 8 | pm | | | 0 | 0 | 4 | 0 | Lightning | |
| Miami (30 mis. ENE) | 23 | 1:05p | | | | | | | Funnel aloft | | | | | | | | | | 20 prize beef cattle killed by lightning. | |
| Tampa (7 mis. SE) | 23 | 2:25p | | | | | | | Waterspout | Douglas County | 11 | pm | | | 1 | 0 | 0 | 0 | Lightning | |
| Vero Beach (32 mis. W) | 23 | 3:30p | | | | | | | Tornado | | | | | | | | | | A man was killed by lightning in the Bill Arp area while working in his yard. | |
| | | | | | | | | | No damage reported although it just missed Yeehaw Tower. | Atlanta, 2 1/2 SW | 11 | pm | | | | | | | Funnel Cloud | |
| Key West (3 mis. ENE) | 25 | 7:15a | | | | | | | Waterspout | | | | | | | | | | Reported by a pilot. | |
| Key West (5 mis. NNE) | 25 | 9:43a | | | | | | | Waterspout | Macon | 12 | am | | | 0 | 0 | 4 | 0 | Lightning | |
| Tampa | 25 | 11:10a | | | | | | | Funnel aloft | | | | | | | | | | A powder mixing building exploded and was demolished after being struck by lightning at the Riker-Maxson Plant. | |
| Tampa (2 mis. S) | 25 | 11:55a | | | | | | | Funnel aloft | Savannah | 12 | pm | | | 0 | 0 | 4 | 0 | Lightning | |
| Lakeland (25 mis. S) | 26 | 11:57a | | | | | | | Funnel aloft | | | | | | | | | | A home was heavily damaged by a lightning started fire. A mobile home burned at Thomson on the same afternoon after being struck by lightning. | |
| | | | | | | | | | | Douglas, Coffee County | 13 | 3:00 p | | | 0 | 0 | 4 | 0 | Windstorm | |
| | | | | | | | | | | | | | | | | | | | Widespread damage to business and residential buildings. One concrete block apartment house was demolished. Trees were uprooted and utility lines were blown down. | |
| | | | | | | | | | | Macon, near | 13 | 3:50 p | | | 0 | 0 | 3 | 0 | Hail and wind | |
| | | | | | | | | | | | | | | | | | | | Wind damage and hail 3/4 inches in diameter were reported in and near Macon. | |
| | | | | | | | | | | LaGrange | 13 | pm | | | 0 | 0 | 4 | 0 | Windstorm | |
| | | | | | | | | | | | | | | | | | | | Brief windstorm damaged homes over a 2 block area. Numerous trees were uprooted with several falling on houses. | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | |
| Georgia (continued) | | | | | | | | | | |
| Centerville, 10 miles south of Macon | 17 | 3:40 p | | | 0 | 2 | 4 | 0 | Windstorm | |
| Wind estimated at 50-60 mph blew down a wall of a building under construction and damaged an adjoining building. Two workmen were hurt. | | | | | | | | | | |
| Henry County | 19 | 3:45 a | 1 | Narrow | 0 | 0 | 4 | 0 | Tornado | |
| Several roofs damaged or blown off and trees uprooted. Flattened cornstalks were left in a circular pattern and other damage indicated likely tornado. | | | | | | | | | | |
| Albany, 28 miles north | 19 | 5:05 p | | | | | | | Funnel Cloud Wind damage | |
| Pilot reported funnel cloud not touching ground. Reported to the southwest, near Folkitt, a little earlier. | | | | | | | | | | |
| Butler Island near Darien | 21 | 2:50 p | | Short | 0 | 0 | ? | 0 | Tornado | |
| Witness reported seeing tornado touch down briefly 3 times before lifting back into base of cloud. No reported damage. Area uninhabited. | | | | | | | | | | |
| Rome | 21 | Night | | | 0 | 0 | 4 | 0 | Lightning | |
| One house destroyed by lightning started fire and several others damaged. | | | | | | | | | | |
| Bainbridge, 5 N | 24 | 8:04 a | | | | | | | Funnel Cloud | |
| Reported by State Highway Patrol. | | | | | | | | | | |
| Attapulgus, Decatur County | 24 | 8:24 a | | Short | 0 | 2 | 4 | 0 | Tornado | |
| A small tornado dipped down briefly and demolished a mobile home. Two people in the home were only slightly injured. Several people observed the funnel cloud moving northeast. | | | | | | | | | | |
| Commerce | 26 | pm | | | 0 | 0 | 4 | 0 | Windstorm | |
| Late afternoon storm demolished 2 mobile homes, broke plate glass windows and damaged roofs and trees. | | | | | | | | | | |
| Centerville | 28 | pm | | | 0 | 0 | 4 | 0 | Wind and hail | |
| One roof completely demolished and several others damaged. Trees uprooted. Golf ball size hail reported. | | | | | | | | | | |
| Brunswick | 29 | 6:28 p | | | 0 | 0 | 4 | 0 | Windstorm | |
| Trees were uprooted and roofs damaged in the northern part of Brunswick during a severe thunderstorm. Power lines were down and much of city was without service for several hours. Heavy rain accompanied storm. Wind gusts were reported at 71 knots. | | | | | | | | | | |
| Hawaii | | | | | | | | | | |
| No report received by printing deadline | | | | | | | | | | |
| Idaho | | | | | | | | | | |
| Craigmont-Nesperce area, Lewis County | 2 | 10:00 p.-10:35 p. | 10 | *2-3 | 0 | 0 | 0 | 4 | Hail | |
| A damaging hail storm began about 6 miles southeast of Craigmont and moved northeastward across the Central Ridge, Russel Ridge, and Pilbert areas ending about 4 miles northwest of Nesperce. Approximately 3,000 acres of peas were damaged up to 50 percent and some kernels were knocked out of the heads of wheat and barley. Hailstones averaged 1/2 inch in diameter. | | | | | | | | | | |
| Coeur d'Alene, Kootenai County | 5 | 2:30 p.-2:45 p. | ? | narrow | 0 | 0 | 0 | ? | Hail | |
| A moderate hailstorm moved eastward across the north side of the city. Hail averaging 1/2 inch in diameter covered about half of the ground. Largest stones measured 3/4 inch in diameter and did minor damage to flowers and gardens. | | | | | | | | | | |
| Illinois | | | | | | | | | | |
| Eureka | 2 | 3:40p | | | 1 | | | | Lightning | |
| Boy killed when lightning struck and jumped from tree under which he was playing. | | | | | | | | | | |
| St. Clair Co. | 3 | 12:05p | | | | | | | Funnel cloud | |
| Pilot reported funnel cloud in Belleville area. | | | | | | | | | | |
| Mc Donough Co. | 3 | 4:30-5p | | | | | 4 | 0 | Wind, funnel cloud | |
| Wind damage in west central Illinois. Trees, power lines, and several buildings damaged. Funnel cloud reported south of Bushnell. | | | | | | | | | | |
| Southern Illinois | 3 | 7:30-9p | | | 1 | 3 | 05 | C | Severe thunderstorms, Funnel | |
| High winds caused widespread damage. Hardest hit were areas around Carlyle, Mt. Vernon, Centralia and Eldorado. Woman killed and man injured when camping trailer blew over on picnic table under which they sought shelter. WFO, St. Louis. | | | | | | | | | | |
| Stephenson County | 4 | 6p | | | | | 06 | C | Local flooding | |
| Pecatonica River at Freeport reached a record high crest of 17.16 feet and started falling after six hours. More than 20,000 acres of farmland damaged throughout county and hundreds of basements flooded at Freeport with damage to homes, businesses and industries. | | | | | | | | | | |
| McDonough Co. | 5 | 6a | | | 0 | 0 | 4 | 0 | Wind, funnel cloud heavy rain | |
| Trailer overturned, trees damaged utility lines and automobiles. 1/2 inch rain in 1/2 hour. Damage localized at Bushnell. Funnel cloud reported west of Bushnell at 5:45a. | | | | | | | | | | |
| Illinois (continued) | | | | | | | | | | |
| Central Illinois | 6 | 8p-10:15p | | | | | | 4 | 0 | Wind, lightning, heavy rain, funnel clouds |
| Wide spread but not concentrated wind damage, two barns burned by lightning, local flooding. Nine funnel clouds reported, mostly in areas of little or no ground damage. | | | | | | | | | | |
| Joliet vicinity | 9 | 2p-2:30p | | | | | | | | Funnel clouds |
| Funnel clouds reported 15W and 25W of Joliet, possibly the same cloud. | | | | | | | | | | |
| West Central | 10 | 10:15a | | | | | | | | Funnel cloud. |
| Reports three minutes apart from Meredosia and LeDange Locks. These locations about 8 miles distant and as direction from observer not given it was likely same cloud. | | | | | | | | | | |
| Champaign County | 10 | 5p | | | | | | | | Funnel cloud |
| Funnel cloud aloft SW in remarks of sequence report from GMI | | | | | | | | | | |
| LaSalle County | 11 | 2:30p | | | | | ? | ? | | Hail, rain, wind |
| Heavy rain, 3/4" hail and strong winds at Starved Rock Dam. | | | | | | | | | | |
| LaSalle County | 18 | 1:10p | | | | | | | | Funnel cloud |
| Funnel cloud reported moving northeast. | | | | | | | | | | |
| Vermilion County | 24 | 10:55a | 1/2 | 50 | 0 | 0 | 0 | 0 | 0 | Tornado |
| Tornado struck in suburban area 2 1/2 miles south of Danville on both sides of Route 1. Touched first in amusement park west of highway, lifted as it crossed highway and touched a 2nd time in residential area east of highway. Travel was from NW to SE. As many as 20 to 25 homes received some damage, mostly to roofs and garages. | | | | | | | | | | |
| Northern half | 26 | | | | | | | | | Funnel clouds |
| A number of unconfirmed funnel cloud sightings were reported from widely scattered areas in late afternoon. 30 WNW of Rockford at 4:30p, 22 E of Joliet at 5:17p, Mommoth at 7:35p, and 15 NE of Springfield at 9:48p. | | | | | | | | | | |
| Du Page County | 26 | 3:50-4p | 5 | 35 | 0 | 0 | 4 | 0 | 0 | Tornado |
| Tornado moved approximately west to east in Glen Ellyn-Lombard area. Several buildings damaged and trees destroyed. Times are approximate. WBO (Downtown), Chicago. | | | | | | | | | | |
| Indiana | | | | | | | | | | |
| St. John (Lake County) | 4 | E.S.T. 3:41a. | | | | | | | | Funnel cloud |
| Cutler, vicinity (Carroll County) | 5 | 9:13a. | | | | | | | | Funnel cloud |
| Wayne County, Fountain City, and Williamsburg | 5 | About 6:00p. | ? | ? | 0 | 0 | 3 | 3 | | Wind, hail |
| Two large mobile homes overturned near Fountain City. Crop damage from hail and wind. Trees in Williamsburg area damaged from wind. | | | | | | | | | | |
| Montgomery County, Colfax, and Crawfordsville | 5 | 6:30p.-7:00p. | ? | ? | 0 | 0 | ? | 4 | | Wind, hail, rain |
| Crops damaged by wind, rain, and ping pong size hail. | | | | | | | | | | |
| Noblesville (Hamilton County) | 5 | Afternoon | ? | ? | 0 | 0 | ? | ? | | Hail, wind, rain |
| Crops damaged. | | | | | | | | | | |
| Evansville, east side | 6 | 1:30p.-1:55p. | | Short | 0 | 0 | 4 | 0 | | Wind, lightning |
| Store roof damage, sign blown down, some cars damaged by falling limbs. Transformers hit by lightning causing power failures. | | | | | | | | | | |
| Oaktown (Knox County) | 7 | About 7:10p. | | | | | | | | Funnel cloud |
| Same funnel thought sighted from Carlisle in Sullivan County. | | | | | | | | | | |
| Fincastle and Roachdale (Putnam County) | 11 | 2:00p. | ? | ? | 0 | 0 | 3 | 4 | | Wind, rain |
| Some fields of corn leveled. Trees and utility lines downed. | | | | | | | | | | |
| Nappanee (Elkhart County) | 17 | 5:45p. | | | 0 | 0 | 4 | 0 | | Lightning |
| Estimated \$11,000 loss when barn burned after being struck by lightning. | | | | | | | | | | |
| Goshen (Elkhart County) | 17 | 7:17p. | | | 0 | 1 | 0 | 0 | | Lightning |
| One person injured while standing near a tree. | | | | | | | | | | |
| Ft. Wayne, 10 mi. NE | 20 | 12:00N. | | | | | | | | Funnel cloud |
| Reported by public | | | | | | | | | | |
| Ft. Wayne, 20 mi. ENE | 20 | 1:52p. | | | | | | | | Funnel cloud |
| Reported by Highway Patrol. | | | | | | | | | | |
| Frankfort, 4 mi. E. | 20 | About 4:30p. | | | | | | | | Funnel cloud |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 1969

| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED ¹ DAMAGE | | CHARACTER OF STORM | 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 | | | | | | | KILLED | INJURED | PROPERTY | CROPS | | | | |
| Indiana (continued) | | | | | | | | | | Iowa (continued) | | | | | | | | | | | | |
| Greenwood and Franklin | 20 | | | | 0 | 0 | 5 | 5 | Rain | Allison, Butler County | 13 Noon | | | | 4 | 6 | | | Hailstorm | | | |
| | | | | | | | | | Flash flooding resulted from 9.04 inches of rain in less than nine hours. Thirty-five families were evacuated. Riverside Drive, south of Greenwood, was under 20 feet of water in some areas. One man went outside in an attempt to chain fast his automobile only to see it carried a half block and dumped into a creek. Wheel Estates Mobile Homes had trailers overturned by raging waters; more than fifty were damaged. Thirty-five dwellings were damaged in Greenwood. Numerous homes were flooded in Franklin. All told four to five hundred people were forced to leave their homes temporarily it was reported. Temporary housing was provided by the Red Cross for eighteen families. Forty streets and highways were temporarily closed in southern Marion and northern Johnson Counties. | | | | | | | | | | | | 17 hail, some crops sustained \$500,000 over a 16 square mile area plus other scattered hail losses. | Losses |
| Mertinsville to Columbus | 22 | | | | 0 | 0 | 5 | 5 | Rain | Allison, Butler County | 13 Noon | | | | 5 | 5 | | | Windstorm | | | |
| | | | | | | | | | Rains of four inches or more caused flash flooding washing out a bridge on heavily traveled State Road 37 just south of Martinsville. The East Fork rose rapidly to two feet above flood stage at Columbus and to nearly four feet above at Seymour. Crests above flood stage also occurred along the lower portion of White River during the next several days. Farmers suffered losses of crops along the streams. Roads were closed in numerous localities by high water. | | | | | | | | | | | | Considerable tree and utility line damage. | |
| Knox and Daviess Counties | 24 | 2:15p.-2:20p. | ? | ? | 0 | 0 | ? | ? | Wind, lightning, funnel cloud | Tama, Tama County | 13 12:55 p | | | | 4 | 5 | | | Hailstorm | | | |
| | | | | | | | | | Four house roofs damaged at Bicknell. Power lines downed by falling limbs at Washington. Funnel sighted southeast of Vincennes. | | | | | | | | | | One inch hail. | | | |
| Michigan City (LaPorte) | 28 | ? | ? | ? | 2 | 0 | 0 | 0 | Wind | North English, Iowa County | 14 12:30 a | | | | 4 | | | | Lightning | | | |
| | | | | | | | | | Two persons drowned in Lake Michigan when swept off pier by high wind. | 4N Audubon, Audubon County | 14 6:00 a | | | | 1 | | | | Lightning | | | |
| Liberty, 8 mi. SE (Union County) | 30 | 5:40p. | | | | | | | Funnel cloud | Luana, Clayton County | 14 10:30 a | | | | 1 | | | | Lightning | | | |
| | | | | | | | | | Cooperative Observer reported funnel. | 6N Holy Cross, | 14 1:00 p | | | | 1 | 4 | | | Lightning | | | |
| Iowa | | | | | | | | | | SE Carroll, Carroll County | 16 12:15 p | | | | | | | | Funnel cloud | | | |
| Corning, Adams Co. | 2 | 5:15 p | | | | | | | Funnel clouds | 3S Westside, Crawford County | 16 12:15 p | | | | | | | | Funnel cloud | | | |
| | | | | | | | | | Two funnels sighted. | Webster City, Hamilton County | 16 1:10 p | | | | | | | | Funnel clouds | | | |
| NW of Lenox, Taylor County | 2 | 5:30 p | | | | | | | Funnel cloud | | At least 2 funnels. | | | | | | | | Funnel clouds | | | |
| Scott County | 2 | 8:30 p | | | | | 5 | 4 | Windstorm | 2SW Burnside, Webster County | 16 1:10 p | | | | | | | | Funnel clouds | | | |
| LeMars, Plymouth County | 3 | 10:00 a | | | | | 4 | 5 | Windstorm | Central Hamilton County | 16 1:30 p | | | | | | | | Funnel cloud | | | |
| | | | | | | | | | 10% of loss by hail and rain. | SE Fayette County | 16 3:30 p | | | | | | | | Funnel cloud | | | |
| Sioux, Cherokee & Plymouth Counties | 3 | 11:30 a | 55 | 2000 | | | 4 | 5 | Hailstorm | Independence, Buchanan County | 16 3:40 p | | | | | | | | Funnel cloud | | | |
| | | | | | | | | | 1/2 to 3/4 inch hail, minor damage 8 miles wide. | | Moved ENE. | | | | | | | | Funnel clouds | | | |
| Monona & Woodbury | 3 | 11:30 a | | | | | 4 | 5 | Hailstorm | 2SE Aurora, Buchanan County | 16 3:45 p | | | | | | | | Funnel clouds | | | |
| | | | | | | | | | Two inch diameter hail. | Aurora, Buchanan County | 16 3:50 p | | | | | | | | Funnel clouds | | | |
| NW Iowa to SE Iowa | 3 | 11:30 a | | | | | 3 | 5 | Windstorm | NW of Rippey | 16 6:07 p | | | | | | | | Funnel cloud | | | |
| | | | | | | | | | High winds with patches of hail moved southeastward from the NW quarter of Iowa into southeast Iowa around 3:00 to 4:00 p.m. Winds to 75 mph. 2 persons injured in Dickinson County when 70 mph. winds flipped their auto off the road. Wind damages reported at Vail (Crawford Co.), Richland (Keokuk Co.), Iowa City (Johnson Co.), O'Brien, Dickinson, Emmet, Greene, Webster, Dubuque and Muscatine Counties. Winds 75 mph. at Iowa City. 1 injured in a home at Richland. | | | | | | | | | | | | Moved east. Sighted from Grand Junction. | Funnel clouds |
| 7SE Ames, Story County | 3 | 1:21 p | | | | | | | Funnel cloud | Near Jefferson, Greene County | 16 6:15 p | | | | | | | | Funnel clouds | | | |
| Sioux City, Woodbury County | 4 | 1:06 a | | | | | 4 | 4 | Windstorm | 1N Churdan, Greene County | 16 6:15 p | 3 | 200 | | 5 | 4 | | | Tornado | | | |
| Shannon City, Union County | 5 | 4:00 p | | | | | | | High waters | | Moved west. 3 farmsteads damaged. | | | | | | | | Funnel cloud | | | |
| Keokuk, Lee Co. | 7 | | | | 4 | | | | High waters | N Waterloo city limit, Black Hawk County | 16 6:20 p | | | | | | | | Funnel cloud | | | |
| New Providence, Hardin County | 7 | 2:00 p | | | | | 4 | | Lightning | Independence, Buchanan County | 16 6:30 p | | | | 4 | 4 | | | Windstorm | | | |
| Ainsworth, Washington Co. | 7 | 2:30 p | | | 2 | | | | Lightning | S of Union, Hardin County | 16 7:00 p | | | | 4 | 4 | | | Tornado | | | |
| Tama, Benton, Linn, Iowa, Johnson & Clinton Counties | 8-12 | | | | | | 6 | 6 | Heavy rains | Oakville, Louisa County | 16 7:15 p | | | | 4 | 4 | | | Windstorm | | | |
| | | | | | | | | | Heavy rains mostly on 8th. Streams flooded to highest record at Chelsea and DeWatt. | | Demolished new building valued at \$3,800, lightning did minor damage in town. | | | | | | | | Windstorm | | | |
| Missouri Valley, Harrison County | 9 | 3:00 a | | | | | | | Windstorm | Union-Zearing area, Hardin-Story Counties | 16 7:15 p | | | | | | | | Funnel clouds | | | |
| 2S Martensdale, Warren County | 12 | 8:44 a | | | | | | | Funnel cloud | 14W Stanhope, Hamilton County | 16 7:18 p | | | | | | | | Funnel cloud | | | |
| Clarke County | 12 | 5:00 p | | | | | 4 | 4 | Windstorm | | Moved north. | | | | | | | | Funnel cloud | | | |
| NC Warren County | 12 | 6:00 p | | | | | | | Funnel clouds | 8SE Des Moines, Warren County | 16 11:34 p | | | | 4 | 4 | | | Tornado | | | |
| Humeston, Wayne County | 12 | 7:00 p | | | 2 | 5 | 5 | | Windstorm | Pella, Marion County | 17 Early a.m. | | | | 5 | 4 | | | Thunderstorm | | | |
| | | | | | | | | | Two funnels sighted. | | 5 1/2 inches rain and lightning strikes caused an estimated \$100,000 damage (TV shop was almost melted by lightning and grocery store flooded), basements of homes had from a few inches to several feet of water. Ball lightning observed and later 15 to 20 birds found dead. | | | | | | | | | Funnel clouds | | |
| | | | | | | | | | Two funnels sighted. | S of Grundy Center, Grundy County | 17 10:15 a | | | | | | | | Funnel clouds | | | |
| | | | | | | | | | Two funnels sighted. | 8NE New Hampton, Chickasaw County | 17 11:45 a | | | | | | | | Funnel clouds | | | |
| | | | | | | | | | Two funnels sighted. | Lester, Lyon County | 17 11:45 a | | | | | | | | Funnel cloud | | | |
| | | | | | | | | | Two funnels sighted. | W Benton County | 18 2:35 p | | | | | | | | Funnel clouds | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) Grand Junction, Greene County | 18 | 3:00 p | | | | | | | Funnel clouds | Iowa (continued) SW of Delta, Keokuk County | 26 | Evening | | | | | 5 | 5 | Windstorm | | | |
| Marshalltown, Marshall County | 18 | 3:00 p | | | | | | | Funnel clouds | Brighton, Washington County | 26 | Evening | | | | | | 4 | Windstorm | | | |
| 3W Boone, Boone County | 18 | 3:46 p | | | | | | | Funnel cloud | Burlington, Des Moines County | 26 | 7:00 - 8:00 p | | | | | | 1 | Windstorm | | | |
| May City vicinity, Osceola County | 18 | 8:00 p | | | | | | | Funnel cloud | Boy injured, falling sign cut ankle. | | | | | | | | | | | | |
| Crawfordsville, Washington Co. | 23 | 6:40 p | | | | | 3 | 4 | Hailstorm | Kansas Grant Co. 1 7:35 p. Funnel aloft | | | | | | | | | | | | |
| Fairfield, Jefferson County | 23 | 7:00 p | | | | | 4 | 4 | Windstorm | A funnel aloft was observed 9 miles south of Ulysses. | | | | | | | | | | | | |
| S edge of Ames, Story County | 25 | 5:35 p | | | | | | | Funnel cloud | Norton Co. | 3 | evening | | | | | | | 4 | Lightning | | |
| Guttenberg, Clayton County | 25 | 5:45 p | | | | | | 4 | 4 | Hailstorm | Lightning-caused fires destroyed about 100 acres of wheat near Alma. | | | | | | | | | | | |
| 4E Fort Dodge, Webster County | 25 | 7:30 p | | | | | | | Funnel cloud | Western portion | 4 | 6:30 p. | 4 | *1/2 | 0 | 0 | 4 | 4 | Hail, wind, lightning | | | |
| Eagle Grove, Wright County | 25 | 7:45 p | | | | | | | Funnel cloud | Hail up to 1-3/4 inches diameter fell at Howell, 11 mi. W of Dodge City. Wind damage occurred in Dodge City. Lightning damage was reported at Liberal and scattered other locations. | | | | | | | | | | | | |
| Woodbine vicinity, Harrison County | 25 | | | | | | | 4 | 5 | Hailstorm | Anderson, Allen, Franklin, Miami Counties | 5 | afternoon | | | | | 4 | 0 | Lightning, wind | | |
| Gilmore City, Pocahontas County | 26 | 1:40 p | | | | | | | Funnel cloud | Lightning damage occurred at Iola and Garnett. | | | | | | | | | | | | |
| NW Battle Creek, Ida County | 26 | 1:47 p | 20 | 200 | | | 5 | 4 | Tornado | Sherman Co. | 5 | evening | | | | | 4 | 4 | Rain | | | |
| 3N Somers, Calhoun County | 26 | 2:05 p | | | | | | | Funnel cloud | Heavy rains (unofficial reports of 4 to 10 inches) caused flash flooding in the drainage area of the North Fork of the Smokey. Several bridges were washed out and lowland farms flooded. | | | | | | | | | | | | |
| 10W Fort Dodge, Webster County | 26 | 2:14 p | 1 | 3/4 | | | 4 | 4 | Hailstorm | South central, central and east central | 7 | afternoon, evening | | | | | 0 | 0 | 5 | 4 | Wind, lightning, hail, rain | |
| Lehigh-Burnside-Dayton, Webster County | 26 | 2:40 p | | | | | 5 | 5 | Windstorm | Wind damage occurred from Kingman, Reno and Sedgwick Counties northeast to Dickinson, Gerry and Osage Counties. Hail 3/4 to 3/8 inch diameter fell locally in Dickinson Co. Lightning damage occurred in Harvey, McPherson and Gerry Counties. Flash flooding was reported in the Carbonate area. | | | | | | | | | | | | |
| S of Otho, Webster County | 26 | 2:58 p | | | | | | | Funnel clouds | Johnson, Wyandotte Counties | 7 | evening | ? | ? | | | 0 | 0 | 4 | 0 | Wind | |
| Gilmore City, Pocahontas County | 26 | 3:10 p | | | | 1 | 5 | 5 | Windstorm | Scott Co. | 8 | 5:25 p. | | | | | 0 | 0 | 0 | 0 | Tornado | |
| Deloit-Vail-Westside, Crawford County | 26 | 3:15 p | | | | | | 5 | 4 | Tornado | Heaviest damage was to power lines in the Kansas City, Kansas, area. | | | | | | | | | | | |
| Between Missouri Valley and Logan, Harrison County | 26 | 4:30 p | | | | | | | Lightning | Scott, Wichita Counties | 8 | evening | | | | | 0 | 0 | 4 | 0 | Lightning | |
| Stratford, Hamilton County | 26 | Late afternoon | | | | | | | Windstorm | Lane Co. | 9 | 2:15 p. | 1 | 100 | | | 0 | 0 | 0 | 0 | Tornado | |
| Albion, Marshall County | 26 | 4:30 p | | | | | | 5 | 4 | Windstorm | Tornado, moving NE, occurred about 4 mi. N of Alanota. | | | | | | | | | | | |
| Adair vicinity, Adair County | 26 | 4:40 p | | | | | | | Funnel cloud | Riley Co. | 9 | 3:30-3:32 p. | | | | | 0 | 0 | 0 | 0 | Tornado | |
| NE of Des Moines, Polk County | 26 | 4:40 p | | | | | | | Funnel cloud | Tornado touched down briefly in open country about 8 miles WSW of Manhattan. | | | | | | | | | | | | |
| Des Moines, Polk County | 26 | 4:40 p | | | | 2 | 4 | 4 | Windstorm | Douglas, Johnson Counties | 9 | 4:50-5:30 p. | | | | | 0 | 2 | 5 | 0 | Tornado | |
| Essex, Page County | 26 | 5:30 p | | | | | | 5 | 4 | Windstorm | Small tornado hit Rudora where it caused damage of \$18,000; it later hit Sunflower City inflicting \$200,000 damage, and ended near De Soto. | | | | | | | | | | | |
| Oskaloosa, Mahaska County | 26 | 5:30 p | | | | | | 5 | 5 | Windstorm | Western portion | 9 | afternoon | | | | | 0 | 0 | 5 | 5 | Wind, hail, funnels aloft |
| Near Leon, Decatur County | 26 | 5:35 p | | | | | | | Funnel cloud | Damaging hail occurred in Ness, Lane, Pawnee and Scott Counties. Stone up to 3/4 inches diameter, or larger, fell locally in Lane County. Damaging winds were reported in Scott and Lane Counties. Funnels aloft occurred as follows: 3 mi. SW of Tribune at 11:15 a.m. (MST); 2 funnels aloft 13 mi. NE of Scott City at 2:00 p.; and just west of La Crosse at 4:29 p. | | | | | | | | | | | | |
| Redding, Ringgold County | 26 | 6:00 p | | | | | | 5 | Lightning | Northeast portion | 9 | afternoon, evening | | | | | | | 5 | 5 | Wind, hail, lightning | |
| Melrose, Monroe County | 26 | 6:05 p | | | | | | | Funnel cloud | Heaviest wind damage was in Douglas County eastward through Leavenworth, Johnson and Wyandotte Counties. Winds over 100 m.p.h. occurred at 5:45 p. at Lawrence Airport. A lightning-caused fire at 6:30 p. produced \$75,000 damage at Lawrence. Hail up to 2-3/4 inches diameter fell near Brantford about 2:30 p. and stones up to 1-3/4 inches diameter fell in the afternoon at Wheaton. | | | | | | | | | | | | |
| Alton, Sioux County | 26 | 6:15 p | | | | | | | Funnel cloud | Allen, Linn Counties | 11 | morning | | | | | 0 | 0 | 4 | 0 | Lightning | |
| Mahaska, Poweshiek & Monroe Counties | 26 | Evening | | | | | | 5 | 5 | Windstorm | Damage occurred at Iola and at Pleasanton. | | | | | | | | | | | |
| | | | | | | | | | | South central portion | 11 | 2:00-4:00 a. | | | | | 0 | 0 | 4 | 0 | Lightning, wind | |
| | | | | | | | | | | Lightning damage occurred locally in Reno and Sedgwick Counties. Wind damage was reported near Wichita. | | | | | | | | | | | | |
| | | | | | | | | | | Coffey, Shawnee Counties | 19 | before 4:00 a. | | | | | 0 | 0 | 4 | 0 | Lightning | |
| | | | | | | | | | | Damage occurred at Topeka and east of Gridley. | | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | |
| Thomas Co. | 21 | afternoon | | | 0 | 0 | 3 | 4 | Hail, funnel aloft |
| | | | | | | | | | Hail up to 1-3/4 inches diameter fell 10 mi. SSW of Colby. A funnel aloft occurred 2 mi. W of Rexford at 12:50 p. |
| Kiowa Co. | 23 | 2:00 p. | 5 | *3 | 0 | 0 | 4 | 4 | Hail, wind |
| | | | | | | | | | Damage occurred 5 to 10 mi. NW of Greensburg. Largest hail stones were 1-1/8 inches diameter. |
| North central, north-east, east central | 23- | Night of 21, 23-24 | | | 0 | 0 | 4 | 4 | Hail, wind, lightning |
| | | | | | | | | | Hail damage occurred in the Smith Center area. Lightning damage was reported at Manhattan and SE of Alta damage occurred in the Topeka area. |
| Finney, Gray Counties | 26 | evening | ? | ? | 0 | 0 | 2 | 4 | Hail, wind |
| | | | | | | | | | Wind-driven hail damaged crops and property in the Ingalls-Charleston-Copeland area. |
| Northeast portion | 26 | evening | | | 0 | 0 | 4 | 0 | Lightning, wind |
| | | | | | | | | | Lightning damage occurred at Waterville and at Highland. Wind damage was reported in the Hiawatha-Fairview area. |
| | | | | | | | | | SPECIAL HAIL SUMMARY |
| | | | | | | | | | Hail Loss Clearing House reports indicate hail was especially severe in the following counties on the dates indicated. |
| | 4 | | | | | | | | Cloud, Gray, Haskell |
| | 5 | | | | | | | | Cheyenne |
| | 7 | | | | | | | | Dickinson |
| | 9 | | | | | | | | Marshall, Mitchell, Morris, Republic, Washington |
| Kentucky | | | | | | | | | |
| Christian County | 1 | 6:10 a. | | | | | | | Funnel cloud aloft |
| | | | | | | | | | A funnel cloud was sighted near Hopkinsville just to the east of the Pennyrile Parkway. State police stated that the cloud was moving eastward toward Russellville, but there were no reports of it reaching the ground. |
| State | 1 | | | | 0 | 0 | 4 | 0 | Wind, lightning |
| | | | | | | | | | There were no injuries but minor to moderate damage was reported at scattered locations in many areas of the State. Some of the counties having reported damage were - Henderson, Daviess, McLean, Muhlenberg, Ohio, Washington, Adair, Woodford, Richmond, Bath. Most of the damage occurred in the early morning hours. Lightning killed 19 cattle valued at about \$4,000 in Bath County and apparently was responsible for setting the fire that destroyed a barn in Adair County. |
| State | 6 | p.m. | | | 0 | 0 | 5 | C | Lightning, hail, wind |
| | | | | | | | | | Damage was reported from a number of counties, some of these being Graves, Christian, Ohio, Warren, Barren, Fleming, Bourbon, Lewis, Carter. Fires apparently set by lightning strikes destroyed buildings in Graves, Ohio, Carter and Lewis Counties; killed cattle in Fleming and Barren Counties. In Fleming County marble-size hail in the Johnson Junction section caused 15% losses of tobacco plants of over 30 farmers. |
| State | 7 | | | | 0 | 1 | 4 | C | Lightning, wind, hail |
| | | | | | | | | | Lightning knocked a radio announcer unconscious at 2 p.m. E.S.T. as he was announcing a cattle show in Campbellsville, Taylor County. There was damage due to wind and lightning associated with widely scattered thunderstorms over the State. At 2:30 p.m. E.S.T. Lightning killed 20 registered cattle valued at \$20,000; the cattle were standing under a tree in Taylor County. Four cattle were killed in the evening in Carlisle County. Fire apparently set by lightning destroyed a barn in the early morning in Woodford County. There was some damaging hail in Carlisle County. In the afternoon high winds destroyed a concrete block barn in Casey County. There was some lightning damage in Hopkins County. |
| Marshall County | 8 | 9:30 p. | | | | | | | Funnel cloud aloft |
| | | | | | | | | | A funnel cloud was sighted by State police on highway 641 in Marshall County moving toward the south. |
| Western Half | 8 | Afternoon | | | 0 | 0 | ? | 0 | Wind, Lightning |
| | | | | | | | | | High winds associated with widely scattered thunderstorms were responsible for some damage, mostly minor, in the counties of Jefferson, Hopkins, Marshall, and McCracken. In McCracken County between 3:30 and 4:00 p.m. E.S.T., two houses suffered minor damage due to falling trees; one witness reported to have seen a funnel cloud moving eastward in the area as the damage occurred (radar-reported cloud tops in the area at that time were reported to be approximately 19,500 feet). |
| Lawrence County | 10 | 9:30 a. | | | 0 | 1 | 0 | 0 | Lightning |
| | | | | | | | | | A woman of the Two-Mile section apparently received a severe shock from lightning travelling along a telephone cable. The force of the shock was reported to have thrown her 12 feet from the telephone, where she had been talking, burned the side of her face and her side, and rendered her unconscious. |
| Kentucky (continued) | | | | | | | | | |
| Morgan County | 10 | Morning | | | 0 | 1 | 2 | 0 | Lightning |
| | | | | | | | | | A 16-year-old youth lost the tips of two fingers when lightning apparently ran in on a telephone he was dialing. |
| State | 10 | | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Lightning at widely scattered locations apparently was responsible for setting fires which burned a barn in the afternoon in Barren County, and caused considerable damage to the kitchen of a house in Fleming County at 4 a.m. E.S.T. |
| State | 11 | a.m. | | | 0 | 0 | 4 | 0 | Lightning, rain |
| | | | | | | | | | Lightning was responsible for damage mostly minor, at widely scattered locations over the State. In Henderson County, fires apparently set by lightning burned two barns. Heavy rains fell on portions of Daviess and Henderson Counties, causing some street flooding in Owensboro, Daviess County. |
| Eastern Half | 21 | | | | 0 | 1 | 4 | 0 | Lightning |
| | | | | | | | | | A boy in Shelby County was shocked by lightning which hit a shelter he was touching. The lightning apparently ran down a post, and he fell and suffered a serious cut on his head. Fires apparently set by lightning destroyed a barn in Marion County and another barn in Mason County; damaged a church steeple in Owen County. |
| Mason County | 22 | 2:30 p. | 2 | 30 | 0 | 0 | 3 | 0 | Tornado |
| | | | | | | | | | A funnel cloud was observed to touch down briefly at 2:30 p.m. E.S.T. at the crest of a hill, damaging a center portion of an aluminum reservoir cover. The funnel was observed by several witnesses to move approximately from the west-southwest to the east-northeast from its contact with the reservoir cover on out over the Ohio River and out of sight. Radar reports at the time indicated cloud tops in the vicinity at approximately 45,000 feet, the echo moving from 260 degrees at 15 knts. A heavy thunderstorm was in progress at the time in the vicinity; the sky became so dark that the street lights went on. Heavy rains and high winds were associated with the thunderstorm. The funnel was observed over the Maysville reservoir by witnesses in Aberdeen, Ohio, across the Ohio River. |
| Northeast | 22 | | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Lightning strikes at scattered locations apparently were responsible for: damage to telephone lines in Morgan County; moderate to heavy damage to two buildings in Greenup County; damage to a barn in Pendleton County; minor damage to a mobile home in Grant County. |
| State | 27 | Night | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | There was damage due to lightning at widely scattered locations over the State. In Logan County, lightning killed 11 Holstein cattle. There was minor structural damage to a business building in Bowling Green, Warren County and minor damage to a residence in Corbin, Bell County. In Fleming County a residence was almost completely destroyed by a fire apparently set by lightning. |
| Louisiana | | | | | | | | | See data at end of table |
| Maine | | | | | | | | | Central and southwest |
| State | 28-30 | | | | 0 | 0 | 4 | 3 | Rain |
| | | | | | | | | | Heavy rain, with excessive amounts mostly on the 29th, caused local washing and flooding. Flooded streets stopped traffic in Bath and Brunswick. |
| Maryland | | | | | | | | | Piney Point |
| | 3 | 6:30 p | | | | | | | Waterspout |
| | | | | | | | | | An aviation pilot reported a "funnel spout" was moving eastward in the Potomac River. |
| Borden Mines, near Frostburg | 5 | 3:15 p | 1/2 | 200 | 0 | 1 | 5 | 0 | Tornado |
| | | | | | | | | | Six homes were demolished and another was blown off its foundation; one man was hospitalized with a back injury. |
| State-wide | 5 | Afternoon & early evening | | | 0 | 0 | *5 | C | Wind, lightning, hail |
| | | | | | | | | | Thunderstorms, crossing the state, were accompanied by unusually strong winds. Numerous trees were downed and telephone and electric service was interrupted, especially in western areas. At Suitland a side of an apartment building collapsed. Several lightning incidents were reported; one of the most severe was a fire, believed to be set by lightning, which destroyed a chicken house at an estimated loss of \$48,000 in the Salisbury area. Hail, glass-marble size, was reported in Washington County; hail, 1/2 inch size, was reported also in Prince Georges County. |
| Stevensville | 12 | 4:00 p | | | 1 | 0 | 0 | 0 | Lightning |
| | | | | | | | | | A nineteen year old girl was killed by lightning after she had gotten out of a car near the Bay Bridge and was standing in the median strip of Route 50. |
| Carroll and Baltimore Counties | 12 | 1:00-2:00 p | | | 0 | 0 | 0 | 6 | Hail |
| | | | | | | | | | Severe thunderstorm, with hail to golf ball size and strong gusty winds, brought heavy damage estimated over \$500,000, to a farming area. The path of the storm was 2 miles wide and 15 miles long |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | |
| Maryland (continued) | | | | | | | | | |
| | | | | | | | | | from Silver Run through Manchester to Arcadia. The crop damage involved mostly corn but also included tomatoes and wheat. |
| Anne Arundel County | 12 | 3:30 p | | | 0 | 1 | 0 | 0 | Lightning A man was injured by lightning while towing a small boat offshore in Rock Creek. He was hospitalized for about two weeks after being taken unconscious from the water. |
| Northern and Central Portions | 12 | 1:00-2:00 p | | | 3 | 6 | *5 | C | Wind, lightning, hail Thunderstorms brought death, injury, and extensive damage to scattered areas. Many trees and electric and telephone live wires were downed. One man was killed in Anne Arundel County when he touched a live wire. A 17-year old boy was drowned when the boat, in which he was cruising along the Patapsco, capsized. In the Northeast River, Upper Chesapeake Bay, a person was swept overboard from a sailboat and drowned. In Hatfield State Park, trees were sent crashing to the ground by wind along a 4-mile stretch; three men were injured by falling limbs; 7 trees were destroyed. Two persons were injured by flying glass when plate glass windows were shattered at Baltimore. At Catonsville one woman was injured when lightning struck a tree which in turn fell on her. Five cows were killed by lightning on a farm in Frederick County. There were also scattered reports of hail damage, especially to crops in a 2-mile strip on Kent Island. Hail to moth-ball size was reported in Washington County. Hail was reported 4 to 5 inches thick and about 300 pounds in weight at one place in Anne Arundel County. |
| Crisfield | 19 | Night | | | 0 | 1 | 4 | 0 | Wind A wind ripped the roof from a warehouse nearing completion; one of the employees was hit by flying boards and taken to a hospital for observation. |
| Gortner, Garrett County | 19 | Afternoon | | | 0 | 0 | 3 | 0 | Thirteen cows were killed out of a herd of 29 when lightning struck an apple tree around which they had gathered. |
| Choptank River near Jamaica Point | 20 | 2:20 p | | | 1 | 0 | 0 | 0 | Lightning A man was killed by lightning as he was attempting to restart a stalled out board motor on a boat in which he was cruising with several other persons. |
| Eastern Shore | 20 | | | | 0 | 0 | *5 | C | Wind In scattered areas of Kent County unusually strong winds caused considerable damage which included the collapse of one barn, killing seven cows and trapping a boy for two hours and also extensive damage to at least two homes. At Kent Island wind severely damaged another home. Some farms reported wind damage to crops. |
| Washington and Frederick Counties | 20 | | | | 0 | 0 | 4 | 0 | Lightning, rain Lightning struck and set fire to a church in Hagarstown. Two cows were killed by lightning on a farm, 4 miles west of Frederick. Rain reported as much as 5 inches, caused some local flooding in Union Bridge-Middleburg. |
| Jarrettsville | 21 | AM | | | 1 | | | | Fog A crash of a private airplane during fog killed the pilot, its only occupant. |
| St. Mary's and Calvert Counties | 22-23 | Evening & early morning | | | 0 | 0 | *5 | C | Rain, flooding Torrential rain, totaling as much as 12.44 inches at Leonardtown Radio Station (3 miles to Northwest) and 11.85 inches at Solomons (Chesapeake Biological Laboratory), both weather cooperative stations, brought flooding in many areas, especially along the different streams and inlets and in low lying areas. These two one-day totals were the greatest since the record-breaking 14.75 inches at Jewell in Anne Arundel County on July 26, 1897. Even more remarkable were the totals recorded by the automatic rain gauge at Leonardtown (3 miles NW): 10.1 inches in two hours and 11.3 inches in three hours. Among the estimates of heaviest damage were \$50,000 of major road construction and \$225,000 at the Leonardtown laundry. Some crop damage was also reported. |
| State-wide, including District of Columbia | 22-23 | Evening & early morning | | | 0 | 0 | *5 | C | Rain, flooding Other areas, especially in Southern Eastern Shore, received heavy rain which caused local flooding, especially along streams and low lying places. One-day totals included: 6.23 inches at Assateague State Park; 5.50 inches at Pocomoke City; and 4.20 inches at Snow Hill. |
| New London | 25 | 10:00 p | | | 1 | 0 | 3 | 0 | Flash flood One man was drowned when he attempted to escape from a car which had stalled in the water flowing over a Calvert bridge. The high water had resulted from a flash flood on the Linganore Creek. Area residents reported 3 inches of rain had fallen in a 45-minute period. |
| Hampstead | 27 | 8:15 p | 1 | 10 | 0 | 0 | 4 | 0 | Tornado A storm which sounded like a "freight train" struck two farms, damaging farm buildings and uprooting large trees. Some debris was scattered over a mile. Damage was estimated at \$10,000. |
| Northern half | 27-28 | Evening & morning | | | 0 | 0 | 5 | 0 | Rain, lightning, wind Thunderstorms, brought locally heavy rainfall and mostly minor flooding, especially in Harford County. A barn at Church Hill, (Queen Anne's County), and a cabin near Ellicott City, valued at \$12,000 were destroyed by fire set by lightning. Also there were reports of scattered wind damage across the state. |
| Massachusetts | | | | | | | | | |
| Northeast | 12 | 1-3 p.m. | | | 0 | 0 | 5 | 3 | Rain, lightning Excessive local rains caused flash flooding and washouts in parts of Essex and northern Middlesex Counties, including Groveland, Lawrence, Littleton, Methuen and North Andover. Some lightning damage also. Scattered lightning and wind damage same day elsewhere in state. |
| State | 28-30 | | | | 3 | 0 | 4 | 4 | Wind, rain Three lives lost when squall capsized boat July 29 offshore at East Dennis. Excessive washing and flooding rains damaged stores and cellars and caused washouts and erosion in a number of widely scattered localities, mostly in northern half of state but also in Wrentham in the southeast. |
| Michigan | | | | | | | | | |
| Lansing, 20 ESE Ingham County | 4 | 2:35 PM | | | 0 | 0 | 0 | 0 | Funnel aloft Funnel cloud reported by public, did not touch down. |
| Pontiac, 5 SE Oakland County | 4 | 4:05 PM | | | 1 | 0 | 0 | 0 | Funnel aloft Heavy Rain One-half inch hail and funnel aloft reported by public, confirmed by radar. A Troy youth drowned near his home when he tried to jump a rain-swollen ditch. |
| Jonesville to Hudson, Hillsdale County | 4 | 5:00 PM | 17 | 100 | 0 | 0 | 5 | 0 | Tornado Funnel moved in hopscotch manner toward the southeast destroying 6 homes, 6 barns, 2 mobile homes and killed 7 cows. The tornado, mostly over open country, caused an estimated \$255,000 in damages. Width of damage was up to 1/2 mile wide at times. After lifting, funnel was observed aloft at 5:45 PM, 10 miles southeast of Hudson. |
| Detroit, 31 SW Washtenaw - Wayne Counties | 4 | 5:23 PM | 15 | 90 | 0 | 50 | 6 | 0 | Tornado - Hail - Sinusoidal path, intermittent with three separate touch-downs, moved eastward at 40 mph from the southeast corner of Washtenaw County through southern Wayne County before lifting at the northeast corner of Flat Rock. Tornado damage was less than wind damage near end of track. The funnel was on the ground 7 1/4 miles over its 15-mile path of destruction. Total losses estimated at \$2,000,000. One-inch hail fell west of the point of initial touch-down. 1 3/4-inch hail was also reported in Detroit about 5:30 PM. Basements were flooded in many southeast Michigan homes. |
| Adrian, Lenawee County | 4 | 5:40 PM | | | 0 | 3 | 4 | 0 | Wind - Lightning One man was injured when a tree was struck by lightning and fell on him in Adrian. At Clayton, 10 miles to the southwest, gusty winds overturned a trailer injuring the occupants, a mother and 1 year old daughter. |
| Ann Arbor, 20 SW Washtenaw County | 4 | 11:08 PM | | | 0 | 0 | 4 | 0 | Hail 1 to 1 1/2 inch hail caused damage to cars, other damage was minor. Total loss estimated at \$26,000. |
| Jackson, 10 E Jackson County | 4 | 11:35 PM | | | 0 | 0 | 0 | 0 | Funnel aloft Funnel aloft observed by State Police. |
| Jackson, 4 E Jackson County | 5 | 12:10 AM | 1/4 | 25 | 0 | 11 | 0 | 0 | Tornado While a dozen trailers were rolled over or moved off their foundations, some literally exploded indicating a small tornado was probably imbedded within the storm cell. |
| Manistiquie, 10 SE Schoolcraft Co. | 11 | 1:45 PM | | | 0 | 0 | 0 | 0 | Waterspout Waterspout over Lake Michigan, moving southeast. |
| Milan, Lenawee to Monroe County | 11 | 2:00 PM | | | 0 | 0 | 0 | 0 | Hail 1/4 to 3/4 inch hail reported by police, apparently caused minor damage. |
| Escanaba, 30 SW Menominee County | 11 | 7-11 PM | | | 0 | 0 | 5 | 0 | Hail - Wind Thunderstorms, wind, and hail moved over southern Dickinson County and much of Menominee County. Hail reached a depth of three inches at Loratto, was up to 2 1/4 inches in diameter near Stephenson. At Wallace, a 38 x 60 foot barn was blown down. Near Carney, a plane and metal building were destroyed. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | |
| Grayling, 13 N Otsego County | 12 | 12:30 AM | 1 | 50 | 0 | 0 | 4 | 0 | Tornado |
| | | Tornado moved east-southeast, demolished one trailer, cut a path through timberland. | | | | | | | |
| Flint, Genesee County | 24 | 2:30 PM | | | 0 | 0 | ? | 0 | Hail |
| | | Hail, 1/4 inch to golfball size, in isolated areas, apparently caused minor damage over the central and northwest sections of Flint. A section of road was washed out near Caro. | | | | | | | |
| Detroit, Oakland and Wayne Counties | 24 | PM | | | 0 | 0 | 4 | 0 | Thunderstorms and Hail |
| | | Series of thunderstorms moved over northwest Detroit suburbs causing \$20,000 in damages. Most losses were the result of flooding, 1/4 to 3/4-inch hail, lightning, and wind. | | | | | | | |
| Grand Rapids, Kent County | 28 | 11:50 AM-12:35 PM | | | 0 | 0 | 0 | 0 | Funnel Clouds |
| | | 75 reports of funnels aloft were received by Weather Bureau and Civil Defense personnel. Films taken during the period confirmed a few definite funnel clouds were present. Minor wind damage occurred at Colon, St. Joseph County. | | | | | | | |
| Mt. Clemens, 54 N Sanilac County | 28 | 1:08 PM | | | 0 | 0 | 0 | 0 | Funnel aloft |
| | | Two funnels observed near Deckerville, moved eastward toward Lake Huron. | | | | | | | |
| Southern Lower Michigan | 28 | PM | | | 1 | 0 | ? | 0 | Heavy Rain - Lightning |
| | | Locally heavy thunderstorms resulted in flooded streets and basements in many areas. Some road washouts were reported as the storms moved northeastward from Benton Harbor to the Thumb area. Large waves swept 12 youths from the pier at Holland State Park in a sudden storm, one drowned. | | | | | | | |
| Minnesota | | | | | | | | | |
| Western Minnesota | 1 | Evening | 20 | 12 miles | 0 | 0 | 0 | 5 | Hail |
| | | Thunderstorms with heavy hail cut about a 12 mile wide path southeastward from western Yellow Medicine into northeast Lincoln thru center of Lyon and into edge of Redwood and Murray Counties causing heavy crop damage. Several other isolated areas received hail crop damage south central (mostly in Watonwan County) and northwest (primarily in Clay, Mahanomen, Polk and Marshall Counties). | | | | | | | |
| Western & Northwest Minnesota | 4 | | | | 0 | 0 | 0 | 4 | Hail |
| | | Thunderstorms with hail caused scattered hail crop damage in west central and northwest Minnesota (primarily in western Marshall County). | | | | | | | |
| Central thru Southeast Minnesota | 13 | Morning & Afternoon | | | 1 | 0 | 5 | 4 | Wind, hail & lightning |
| | | Thunderstorms with wind and hail moving south-southeast from central into southeast part of State during the morning caused isolated areas of crop hail damage. Winds caused damage across the entire area. The maximum wind was 75mph at Faribault. The major wind damage was primarily between 6:30 to 9:30am in the Faribault, West-Concord, Dodge Center and Owatonna rectangle where the winds destroyed 5 barns, dozens of outbuildings, several large storefront-windows and signs (mostly in Faribault) and window breakage from flying debris was common. Trees & limbs blown down were extensive and caused minor damage to many homes and cars. Numerous power & telephone outages occurred with some outages more than 24 hours. Lightning killed a boy sitting in a tree 9 miles north of LeRoy about 2:00pm. See tornado at Lakeville. | | | | | | | |
| Lakeville 2 1/2 SW, Dakota County | 13 | 6:29am | 1/2 | 20 | 0 | 3 | 4 | 0 | Tornado |
| | | Small tree-top level tornado moving to south-southwest and out of a south-southeast moving thunderstorm cell completely destroyed a large trailer home, injured 3 persons. | | | | | | | |
| North Central Minnesota | 14 | 6:30pm | 150 | 50 miles | 0 | 5 | 6 | 4 | Hail, wind, rain & lightning |
| | 15 | 2:30am | | | | | | | |
| | | Line of severe thunderstorms moving southeast out of North Dakota at 4:30pm on the 14th & generally on a line from Halstad to Hille Lacs caused crop hail damage primarily in Norman & Becker Counties; heavy rains caused some crop damage and minor flooding in Norman County. Halstad received 4.03 inches and Ada 3.21 inches and an unofficial 5 inches reported southwest of Ada; winds destroyed barn in Ada, Underwood, Bluffton, New York Mills, | | | | | | | |
| Minnesota (continued) | | | | | | | | | |
| | | Selma and Eagle Bend areas, destroyed trailer home at Battle Lake, tore the roof off a 1 1/2-plex apartment in Ada and destroyed many outbuildings throughout entire storm area. Blow down trees and limbs were extensive, causing many power & telephone outages and considerable minor damage to property. Four cattle were killed in Kenahga area. Tree fell on a tent critically injuring a girl on Clearwater Lake near the town of Bay-Lake. Pontoon houseboat overturned on Mississippi River near Riverton causing some injuries to four women. Lightning struck and burned down a barn near Bemidji. | | | | | | | |
| Tonka Bay Hennepin County | 15 | 3:20pm | 1/2 | 50 | 0 | 0 | 3 | 0 | Tornado |
| | | Small tornado touched down northeast shoreline of the town of Tonka Bay moving ENE across Echo Bay and lifting as it came on shore on Egg Island causing damage to several boat docks and canopies. | | | | | | | |
| Luxemburg 1E, Stearns County | 15 | 3:30pm | 1/2 | 50 | 0 | 0 | 2 | ? | Tornado |
| | | Small tornado touched in a field and moved ENE near farmhouse and caused minor damage. | | | | | | | |
| Hastings 5S, Dakota County | 15 | 7:10pm | 2 | varied 25 to 100 | 0 | 0 | 3 | 0 | Tornado |
| | | Small tornado touched down in a field moving on a heading of about 95 degrees except turning to the northeast as it went down a hill and dissipated as it started up a hill. It caused damage to several farm outbuildings. | | | | | | | |
| Zumbrota 12ENE, Goodhue County | 15 | 9:00pm | 3/4 | narrow | 0 | 0 | 4 | 0 | Tornado |
| | | Small tornado touched down in Belvidere Township moving southeast destroying 2 barns and several outbuildings and killing 8 sheep and 2 pigs. | | | | | | | |
| Clay and Wilken Counties | 22 | 3:20am to 6:00am | | | 0 | 0 | ? | 5 | Hail and rain |
| | | Thunderstorm cell with "chicken egg" size hail and heavy rain caused extensive crop damage in southwest Clay and northern Wilken Counties. Also an unofficial 5 inch rainfall. | | | | | | | |
| Rock County | 22 | 10:30pm to 1:00am | | | 0 | 0 | 4 | 5 | Hail, wind & rain |
| | | Thunderstorm cell with hail, wind and rain caused heavy crop damage. Rock & Murray Counties reported heaviest hail damage with a smaller number of reports in Cottonwood, Martin and Mottles. In southern Rock County flooding of basements and road damage was common in the Steen area. Luverne received 2.11 inches of rain with unofficial 5 inches in Steen area with winds estimated at 70mph. | | | | | | | |
| Rock County | 26 | Early morning | | | 0 | 0 | 4 | 0 | Hail |
| | | Thunderstorm with hail caused scattered crop damage in southwest Minnesota. Most damage in east-central Rock County. (Also some light hail damage reported in Lake of the Woods County about 1:15pm) | | | | | | | |
| Waubun (east) Mahanomen County | 26 | 2:30pm | 1/2 | narrow | 0 | 0 | 0 | 0 | Tornado wind |
| | | Small tornado touched down in a field causing no damage. | | | | | | | |
| Laporte 5W, Hubbard County | 26 | 3:30pm | 1/2 | 100 | 0 | 0 | 3 | 0 | Tornado |
| | | Small tornado touched down causing some damage to a farmstead. | | | | | | | |
| Northwest Minnesota | 30 | Afternoon | | | | | 4 | | Hail |
| | | Thunderstorm with hail caused scattered crop damage primarily in Roseau, Red Lake and Pope Counties. | | | | | | | |
| FUNNEL CLOUDS REPORTED DURING JULY | | | | | | | | | |
| Hennepin County | 15 | ? | | | | | | | |
| Stearns County | 19 | 0:50pm | | | | | | | |
| Swift County | 19 | 1:20pm | | | | | | | |
| Meeker County | 19 | 1:24pm | | | | | | | |
| Morrison County | 19 | 3:07pm | | | | | | | |
| Hennepin County | 19 | 7:12pm | | | | | | | |
| Renville County | 26 | 5:00pm | | | | | | | |
| Kanebec County | 26 | 7:17pm | | | | | | | |
| Kandiyohi County | 28 | 3:05pm | | | | | | | |
| | | Willmar 5N to 16N 2 funnels | | | | | | | |
| Mississippi | | | | | | | | | |
| Northern Mississippi | 2 | 12:30 p. 1:20 p. | | | 0 | 0 | ? | 0 | Wind |
| | | A thunderstorm line moved SE into NW Mississippi and crossed the northern part of the state; some heavy winds. UPPER DELTA and NORTH CENTRAL DIVISIONS: At 12:30 p.m. CST the heaviest thunderstorm was near Tunica, Tunica County, and moving SE 25 mph. At 1:00 p.m. CST a line of thunderstorms was located between 20 N Pine Bluff, Ark., Tunica, Miss., and 40 E Memphis, Tenn. and moving SE about 28 mph. MARSHALL COUNTY: Newspapers noted "... a severe wind, hail, and electric storm struck Holly Springs" (Lat. 34.8°N, long. 89.1°W) about two o'clock (1:00 p.m. CST) Wednesday afternoon which did considerable damage to trees, power and telephone lines, and minor | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | | | |
| Wilkinson County | 19 | morning | | | 0 | 0 | 0 | ? | | | Heavy Rain |
| Wilkinson County | 22 + 23 | | | | 0 | 0 | ? | ? | | | Heavy Rain |
| Lawrence County | 2 | 1:45 p. 2:00 p. | | | 0 | 0 | ? | 0 | | | Wind |
| Forrest County | 9 | 5:30 p. 6:34 p. | | | 0 | 0 | ? | 0 | | | Wind |
| Chickasaw County | 13 | 2:00 p. | small | | 0 | 0 | ? | ? | | | Tornado |
| Covington, Lamar, and Forrest Counties | 13 | 8:45 p. | | | 0 | 0 | ? | 0 | | | Wind |
| Rankin County | 14 | 3:52 p. | | | 0 | 0 | ? | 0 | | | Hail |
| Hancock and Harrison Counties | 14 | afternoon | | | 0 | 0 | ? | 0 | | | Wind |
| Hancock and Harrison Counties | 14 | 1:30 p. | small | | 0 | 0 | ? | 0 | | | Tornado, Funnel Cloud Aloft |
| Walthall County | 15 | late afternoon | | | 0 | 1 | 4 | 3 | | | Hail, Wind |
| Mississippi (continued) | | | | | | | | | | | |
| Wilkinson County | 19 | morning | | | 0 | 0 | 0 | ? | | | Heavy Rain |
| Wilkinson County | 22 + 23 | | | | 0 | 0 | ? | ? | | | Heavy Rain |
| Scott County | 24 | 6:45 p. | | | 0 | 0 | 4 | 0 | | | Lightning |
| Coahoma County | 27 | Before 6:00 p. to before 8:08 p. | | | 0 | 0 | ? | 0 | | | Wind |
| Tate County | 27 | After 6:00 p. | | | 0 | 0 | 4 | 0 | | | Lightning |
| Tippah County | 27 | 8:06 p. | | | 0 | 0 | ? | 0 | | | Wind |
| Mississippi Sound | 31 | 9:50 a. 10:10 a. | | | 0 | 0 | ? | 0 | | | Waterspout |
| Missouri West Central Counties | 2 | 2:00 A.M. 6:30 A.M. | | | | | | 5 | 5 | | Wind, Hail, Rain |
| Fort Leonard Wood, Pulaski County | 2 | 5:55 A.M. | | | | | | | | | Funnel Aloft |
| Montrose, L S, Henry County | 2 | 6:20 A.M. | | | | | | | | | Funnel Aloft |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | |
| Missouri (continued) | | | | | | | | | | | | |
| Richmond, Ray County | 2 | 10:40 P.M. | | | | | | | | | Hail | |
| | | 3/4 inch hail was reported. | | | | | | | | | | |
| Warrensburg, W. Johnson County | 3 | Midnight | | | | | | | | | Hail | |
| | | 3/4 inch hail was reported. | | | | | | | | | | |
| Fort Leonard Wood, | 3 | 1:40 A.M. | | | | | | | | | Funnel Aloft | |
| | | Gusts to 55 knots were reported at 1:42 A.M.. | | | | | | | | | | |
| Macon, Shelby, Monroe & Marion Counties | 3 | 4:30 P.M. - 5:30 P.M. | | | | | | 5 | | | Wind, Hail | |
| | | Severe thunderstorms with gusts to 60 knots and hail up to 1-3/4 inches uprooted trees, downed power lines and caused some structural damage in E. Macon County, South Shelby County, North Monroe County and Marion County. | | | | | | | | | | |
| Old Monroe, Southeast Lincoln County | 3 | 6:35 P.M. | | | | | | | | | Thunderstorm, wind | |
| | | Thunderstorm gusts to 52 knots without rain or hail. | | | | | | | | | | |
| Stanberry, Geny County | 5 | 1:30 - 2:00 A.M. | | | | | | 4 | | | Thunderstorm, Wind | |
| | | Thunderstorm winds to 60 miles-per-hour caused tree and power line damage. | | | | | | | | | | |
| Armstrong, (N.) Howard County | 5 | 1:30 P.M. | | | | | | | | | Hail, Funnel Aloft | |
| | | A funnel cloud aloft and 2-inch hail reported by public. | | | | | | | | | | |
| Southwest Randolph County | 5 | 1:30 P.M. | | | | | | 4 | 4 | | Hail | |
| | | Hail stones up to 5 inches in diameter caused window, roof and crop damage on several farms between the Middle Grove and Evansville communities in extreme southwest Randolph County. | | | | | | | | | | |
| Chillicothe, Livingston County | 6 | 3:30 P.M. | | | | | | 4 | | | Thunderstorm, Wind | |
| | | Thunderstorm winds uprooted trees, downed power lines and caused minor structural damage in the northeast sections of Chillicothe. | | | | | | | | | | |
| Barnett, N. Morgan County | 6 | 8:00 - 8:30 P.M. | | | | | | | | | Thunderstorm, Wind | |
| | | Trees were uprooted and a house trailer blown 6 feet off its foundation in the area of Old Barnettsville, which was destroyed by a tornado on 18 April 1880. | | | | | | | | | | |
| Kansas City Area | 7 | 3:45 - 7:30 P.M. | | | | | | 5 | | | Wind, Rain, Funnel Aloft | |
| | | Severe thunderstorms with gusts between 55 and 65 knots, several funnel clouds and one small tornado crossed the Kansas City area with the heaviest damage in the northern and northeastern metropolitan areas. Funnels aloft were sighted 5 miles south of the airport at 4:40 P.M. and 7 miles north at 4:46 P.M.. | | | | | | | | | | |
| North Kansas City, Clay County | 7 | 4:30 P.M. | | | | | | | | | Tornado | |
| | | A small funnel cloud was observed to dip down and tear off a 150x50' section of roof from a printing plant at 1821 Bedford Street in North Kansas City, Missouri. | | | | | | | | | | |
| Shelbyville, Shelby County | 7 | 3:00 P.M. | | | | | | | | | Rain, Wind | |
| | | 2.35 inches of rain in just over fifteen minutes and strong winds caused excessive local flooding and damaged trees and outbuildings in the Shelbyville area. | | | | | | | | | | |
| Jackson, Clay, Ray, Lafayette and Saline Counties | 9 | 3:30 - 18:00 P.M. | | | | | | 7 | | | Wind, Hail, Rain Funnels (6) | |
| | | Severe thunderstorms with gusts between 50 and 70 knots, up to 2-3/4-inch hail, funnels aloft, and a few small tornadoes caused substantial widespread damage in the Greater Kansas City area, with heavy damage. The activity spread eastward from Jackson, and Clay counties through South Ray, Lafayette and Saline Counties. The greatest damage concentration occurred when several new industrial buildings were unroofed in an industrial area just southeast of the Chouteau Bridge on the Missouri River followed by extensive rainwater damage to contents. Funnel clouds dipping to near ground level were reported over Lees Summit, over Gladstone (May County) at 4:10 P.M., 5/4th and Garfield, Kansas City at 5:30 P.M., 103rd. and Cleveland, Kansas City at 5:30 P.M., in southwest Ray County (6 miles northeast of Buckner) at 6:30 P.M.; and 4 miles south of Slater (Saline County) at 7:30 P.M.. | | | | | | | | | | |
| St. Louis, St. Louis County | 9 | 8:45 P.M. - Midnight | | | | | | 5 | | | Winds | |
| | | A severe thunderstorm caused scattered wind damage in the St. Louis Metropolitan area with the heaviest damage in the 1800 block of Riverview Drive where three overhead cranes were blown over. A one-story structural steel building was blown over at a construction site at 89th and Page. The airport reported gusts to 50 knots at 10:50 P.M.. | | | | | | | | | | |
| Cement City, 8 E of Kansas City, in north Jackson County | 10 | 12:35 A.M. | | | | | | | | | Funnel Aloft | |
| Missouri (continued) | | | | | | | | | | | | |
| | 12 | 7:30 - 9:30 P.M. | | | | | | | 5 | 5 | Wind, Rain, Hail | |
| | | Mercer & Grundy Counties, 1/2 E; Putnam, Sullivan & Linn Counties, 1/2 W.; Northwest Chariton County | | | | | | | | | Severe thunderstorms caused widespread wind and hail damage to crops, trees, and farm structures from the Iowa line southward to northwest Chariton County. The heaviest damage was in extreme western Putnam and Sullivan Counties from Lucerna through Newton and Harris. At Newton a radio tower guaranteed to withstand 80 mile-per-hour winds was toppled. | |
| St. Joseph, Buchanan County | 26 | 7:24 P.M. | | | | | | | 5 | | Tornado | |
| | | A small tornado touched down briefly to partially unroof the Travelodge Motel on west side of the Belt Highway (U.S. 169). Six concrete pylons weighing 9 tons each were toppled. The associated funnel cloud was observed aloft up to two miles west of the touchdown. Straight wind gusts estimated to 90 miles-per-hour hit other sections of St. Joseph. | | | | | | | | | | |
| Central Missouri | 26-27 | 7:30 P.M. to 12:30 A.M. | | | | | | | 2 | 5 | Wind | |
| | | A fast moving squall line swept across Central Missouri from northwest to southeast causing extensive wind damage to trees and some buildings in an area bounded by St. Joseph to Marcelline to Washington to Festus to St. Genevieve to Harrisonville. The most extensive damage occurred in the Marcelline area of southeast Linn County, in southern Callaway, northern Gasconade, northern Franklin County and in east central Jefferson County. One man was injured when a roof collapsed north of Stony Hill in Gasconade County and a woman injured when her house trailer was destroyed just outside of Port Hudson in western Franklin County. | | | | | | | | | | |
| Montana | | | | | | | | | | | | |
| Missoula (City) | 2 | 5:45 p.m. - 6:15 p.m. | | | | | | 0 | 0 | 2 | 0 | Hail, rain |
| | | Thunderstorm accompanied by hail to 3/4 inch and nearly an inch of rain caused no reported damage other than flooded basements. | | | | | | | | | | |
| Hill County | 2 | 7:00 p.m. - 7:30 p.m. | 28 | 4 | mi. | | | 0 | 0 | 3 | 6 | Hail and wind |
| | | Hail from 1/4 to 3/4 inch fell in a path from two miles west of Kremlin to the county line east of Havre causing major damage to grain crops. The hail was accompanied by winds gusting to 56 mph in Havre. The storm moved from west to east. | | | | | | | | | | |
| Wainwright Air Force Base, Cascade County | 2 | 12:22 p.m. | ? | ? | | | | 0 | 0 | ? | ? | Hail |
| | | Three-fourth inch hail reported. | | | | | | | | | | |
| Garfield, Rosebud, Custer, Prairie, Dawson, Wibaux, Fallon, Carter Counties | 3 | Afternoon, evening | | | | | | 0 | 0 | ? | ? | Hail and wind |
| | | A number of thunderstorms moved southeastward through the area accompanied by large hail and strong winds in many places. Hailstones of four to five inches were reported near Fallon and baseball size hail fell in southeastern Wibaux County. Most other reports were of golf ball size hail or smaller. Major property damage occurred in Terry and Glendive with damage also reported at Wibaux and Mills City. A number of rural buildings were damaged or destroyed. Over 100 sheep were reported killed in southern Wibaux County where an early estimate places damage to property and crops at \$1 million. | | | | | | | | | | |
| Clark Canyon Reservoir, Beaverhead County | 5 | Afternoon | | | | | | 1 | 0 | 0 | 0 | Wind |
| | | A 10 year old boy was drowned when a sudden wind and rain storm overturned a small boat. Three other people in the boat were rescued. | | | | | | | | | | |
| Judith Basin, Chouteau Counties | 5 | 1:00 p.m. | 25 | 1 | mi. | | | 0 | 0 | ? | C | Hail |
| | | Hail fell in a strip from near Beysler to Square Butte damaging several thousand acres of wheat, oats and barley. Hail accumulated to a depth of four inches in a few areas. | | | | | | | | | | |
| Judith Basin, Fergus County | 5 | 1:00 p.m. | 40 | ? | | | | 0 | 0 | ? | C | Hail |
| | | A hail storm began in Judith Basin County and then moved eastward through Lewistown and Grassrange. Hail accumulated to a depth of one foot on the highway near Lewistown. | | | | | | | | | | |
| Acton, Yellowstone County | 5 | 9:00 p.m. | 6 | 2 | mi. | | | 0 | 0 | ? | C | Hail and wind |
| | | One-half inch to one inch hail fell near Acton accompanied by winds estimated at 50 mph. | | | | | | | | | | |
| Blaine County | 5 | 3:00 p.m. | 5 | 3/4-2 | mi. | | | 0 | 0 | ? | 5 | Hail, rain |
| | | Hail fell from a northward moving thunderstorm in an area 10 miles southwest of Chibok to eight miles southeast. Hailstones varied in size from 1/2 to one inch and accumulated to a depth of five to seven inches. Farmers in the area also | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | |
| Montana (continued) | | | | | | | | | |
| | | | | | | | | | report that four to nine inches of rain occurred in a three hour period. |
| Two miles east of Miles City, Custer County | 6 | Evening | | | 0 | 0 | 4 | ? | Wind |
| | | | | | | | | | Strong winds accompanying a thunderstorm destroyed several farm buildings and a trailer house. |
| Richland County | 12 | ? | ? | ? | 0 | 0 | 0 | 0 | C Hail |
| | | | | | | | | | Hail caused considerable damage to small grain crops in the Fairview and Crane areas. |
| Big Horn County | 18 | 2:00 p.m. - 4:00 p.m. | 30 | 5-7 mi. | 0 | 0 | 3 | 5 | Hail and wind |
| | | | | | | | | | A heavy thunderstorm moved southeastward through St. Xavier and Lodge Grass accompanied by strong winds and hail up to three - four inches in diameter. Ground accumulations of hail varied from three to 12 inches with drifts near Lodge Grass to four feet. Five inches of rain was reported near Lodge Grass in an hour. Heavy damage to crops; \$120,000 crop damage on one large farm alone. |
| Judith Basin, Fergus Counties | 18 | 4:30 p.m. - 5:00 p.m. | 20 | 5 mi. | 0 | 0 | 0 | 4 | Hail |
| | | | | | | | | | Hail began southeast of Stanford and moved northeastward toward Denton. |
| Meagher County | 18 | 9:15 p.m. - 9:35 p.m. | ? | ? | 0 | 0 | 2 | 0 | Hail |
| | | | | | | | | | Hail from 1/2 to 1-3/4 inches reported 20 miles north of White Sulphur Springs. No significant damage due to remoteness of area. |
| Judith Basin County | 19 | 6:30 p.m. - 7:00 p.m. | 5 | 2 mi. | 0 | 0 | 0 | 5 | Hail |
| | | | | | | | | | Hail stones of 1/4 to 3/4 inches accumulated to a depth of three inches on the ground northeast of Stanford. |
| Hill, Blaine Counties | 20 | 5:00 p.m. - 7:00 p.m. | 60 | Up to 5 mi. | 0 | 0 | 4 | 5 | Hail and rain |
| | | | | | | | | | Hail cut a swath from northwest of Havre to south of Chinook. Most of damage occurred southeast of Havre. Two inch hailstones reported southeast of Havre and in Bear Paw Mountains. Damage to summer fallow fields from heavy rain. |
| Statewide | 25 | | | | 0 | 0 | ? | ? | C Wind |
| | | | | | | | | | Winds gusting to over 50 mph followed the eastward passage of a cold front across the State. Minor damage occurred to buildings, tree limbs were broken and utility service was interrupted in a number of places throughout the State. Some shattering of grain crops occurred. |
| Carter County | ? | 4:30 p.m. | ? | ? | 0 | 0 | 4 | 0 | Tornado |
| | | | | | | | | | A tornado destroyed an unoccupied trailer house southeast of Ekasaka owned by the Bureau of Land Management. The storm occurred during mid-month, exact date unknown. |
| Nebraska (continued) | | | | | | | | | |
| Harlan and Franklin Counties | 9 | 10:25a | 15 | 1* | 0 | 0 | 4 | 4 | Hail |
| | | | | | | | | | Window and roof damage from 1 1/2" to 3" hailstones in strip from Republican City to Franklin. Major portion of wheat had been harvested prior to storm thus limiting crop damage. |
| 20 NNE Sidney | 9 | 4:20p | | | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Touched down briefly in open area. |
| North of Harrison | 14 | ? | | | 0 | 0 | 4 | 0 | Tornado |
| | | | | | | | | | Tornado observed. Trees and farm buildings destroyed. |
| Dawes County | 15 | 9:45p - 10:15p | 10 | Narrow | 0 | 0 | 4 | 5 | Hail |
| | | | | | | | | | North of Chadron in a 10-mile strip running eastward from Whitney. Also small area south of Chadron. Stones ranging from 3/4" to 1 1/2" diameter destroyed crops and damaged roofs and windows. |
| Polk County | 16 | 4p-5p | 8 | Narrow | 0 | 0 | 3 | 0 | Tornadoes |
| | | | | | | | | | Two tornadoes formed just south of Shelby. One dissipated rapidly, the other moved northwesterly to a point north of Osceola, touching down intermittently. Little damage as touchdowns were mostly in open areas. |
| Platte County | 16 | 4:50p | Short | Narrow | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Sighted moving along Platte River 5 miles SSE of Columbus. |
| Central Nebraska | 16 | 5p-7p | | | 0 | 0 | 4 | 0 | Damaging winds |
| | | | | | | | | | Damage to trees, signs, farm buildings, etc. at a number of scattered points in Loup, Garfield, Wheeler, and Greeley Counties. |
| Furnas County | 17 | 2:25p | Short | Narrow | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Observed touching ground briefly in open area 10 miles southeast of Beaver City. |
| Eastern Nebraska | 18 | 3p-6:30p | | | 0 | 0 | 0 | 0 | Funnel Clouds |
| | | | | | | | | | Funnel clouds sighted near Winslow, Bellwood, Linwood, and Morse Bluff in Dodge, Saunders and Butler Counties. |
| Cherry-Brown Counties | 19 | 4p | | | 0 | 0 | 0 | 0 | Funnel cloud |
| | | | | | | | | | Funnel cloud sighted in the Johnstown-Woodlake area. |
| Scottsbluff and Morrill Counties | 22 | 6p | 7 | 3* | 0 | 0 | 4 | 5 | Hail |
| | | | | | | | | | Strip ran from WSW to ENE through Bayard; heaviest hail south and east of town. Small size stones driven by high winds destroyed corn, beans and beets. Limited damage to roofs. One farm building leveled by winds. |
| Adams County | 22-23 | 11:15p - Midn | 7 | 3* | 0 | 0 | 5 | 0 | Damaging winds |
| | | | | | | | | | Damaging winds over all sections of Hastings and for 2 miles southeast of town. Greatest damage in southern edge of town. Recorded wind gusts reached 98 MPH. Buildings, movie screens, house trailers, streets, etc. damaged or destroyed. Early reports of a tornado could not be substantiated. |
| Near Scottsbluff | 23 | 9:20p | | | 0 | 0 | 0 | 0 | Tornado |
| | | | | | | | | | Pilot reported tornado touching ground in open area near Scottsbluff. |
| Jefferson County | 24 | 1:30a - ca 12 | 1* | | 0 | 0 | 3 | 4 | Hail |
| | | | | | | | | | Strip from Reynolds-Gladstone area northeastward to near Jansen. Stones mostly small and wind driven but some stones ranged up to 1 1/2" diameter. Damage mainly to corn, soybeans, and milo. One machine shed blown down. |
| Antelope County | 25 | 4p-5p | 20 | 2-3* | 0 | 0 | 0 | 4 | Hail |
| | | | | | | | | | Strip from Naligh to west of Greighton. Stones generally 3/4" diameter with some up to an inch. |
| Nevada | | | | | | | | | |
| | | | | | | | | | None reported |
| New Hampshire | | | | | | | | | |
| Southern | 12 | Mid-day | | | 0 | 0 | 4 | 2 | Rain, lightning |
| | | | | | | | | | Local washing and flooding rains, especially in Keene and vicinity. Local lightning damage. |
| State | 28-30 | | | | 0 | 0 | 5 | 4 | Rain |
| | | | | | | | | | Excessive rains caused flash flooding, road washouts, and soil erosion, with west-central and southwestern portions especially hard hit. Extensive damage locally elsewhere, especially in Manchester, Berlin, the Franconia area, and on Mt. Washington, where the carriage road was cut by washouts. |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 Jersey Atlantic City | 23 | | | | | ? | | | Heavy rains, flash flooding. | | |
| Flash flooding occurred in the Atlantic City area following a torrential downpour which flooded streets and basements and blocked highways in a large area which included Atlantic City, Northfield and Pleasantville. Most of the damage was limited to private property. | | | | | | | | | | | |
| Statewide | 27-30 | | | | 1 | | 6 | ? | Heavy rains, flooding. | | |
| Heavy rains from July 20th to July 27th had saturated the soil over most of New Jersey, and when additional heavy rains occurred from the period July 27th through 30th, considerable flooding resulted. Rainfall totals from the 27th through 30th were generally in the range of 2 to 5 inches, but a few stations reported totals between 7 and 8 inches. Flash flooding which resulted from these heavy rains has been estimated to have caused \$150,000 damage to public installations and about \$400,000 damage to private concerns. An eleven year old boy was drowned when swept into a storm sewer in Audubon on the 29th. An undetermined amount of crop losses occurred because peaches and apples were reduced in quality, and vegetable and blueberry crops were similarly affected. | | | | | | | | | | | |
| New Mexico Hobbs | 5 | 5:27 p. | | | | | 3 | | Wind | | |
| Strong winds caused estimated \$20,000 damage to two drive-in movie screens. | | | | | | | | | | | |
| Clovis | 7 | 4:03 p. | | | | | | | Funnel cloud | | |
| Funnel cloud aloft. No damage. | | | | | | | | | | | |
| New York Coastal | 3 | 3 to 6 p.m. | | | | | 4 | | Mud slide | | |
| Heavy rains of up to 1.0 inch in one hour accompanied thunderstorms in greater New York City, southern Westchester, Nassau and western Suffolk Counties. Principle storm-caused damage was a mud slide at Cold Spring Harbor, Town of Huntington, Suffolk County. Slide started in denuded area of housing development, moved downslope, covering lawns, driveways and/or lower floors of some 20 homes with up to a foot of mud, gravel and stones. | | | | | | | | | | | |
| Northwest and East Central | 11 | late p.m. | | | | | 4 | | Electrical | | |
| Lightning-caused fire destroyed livestock shed in which 10 sheep perished near Watertown, Jefferson County. Evening thunderstorms also caused lightning fires and wind damage in local areas of Saratoga and Rensselaer Counties. One house heavily damaged by fire near Troy and another in Saratoga Springs. Numerous large trees downed in village of Galway, Saratoga County. Scattered reports of hail but damage minor. | | | | | | | | | | | |
| Turin, Lewis County | 12 | 11:00 a.m. | 3/4 | 150 | 0 | 0 | 4 | | Tornado | | |
| Funnel cloud briefly touched ground on farm on eastern edge of village, moving toward the southeast. Garage unroofed, silo demolished and porch torn off house with pieces found 400 yards away. Most windows on farm house blown out. Funnel witnessed by several people and noise described like an express train. | | | | | | | | | | | |
| New York City | 18 | afternoon | | | | | 3 | | Rain | | |
| Heavy rain, measured at 0.9 inch in one hour caused a flash flood in subway when street drains clogged with rubbish could not handle street runoff. Some 20 subway trains halted from mid Manhattan to the Bronx, when flood caused a short circuit. Passengers trapped in one train for over 2 hours before evacuated. Heavy rains elsewhere in greater New York City area produced extensive flooding of expressways, streets and low lying areas. Many homeowners affected by water in basements. | | | | | | | | | | | |
| Cape Vincent, Jefferson County | 21 | 5:30 p.m. | | | | | 3 | | Wind | | |
| Localized storm of very high winds, heavy rain and marble-size hail moved eastward from waters of St. Lawrence River through village, lasting less than 20 minutes. Several large trees toppled with some damage to cars and homes. Roofing ripped on a few homes along with TV antennas toppled. Disturbance was possible waterspout moving inland as witness reported a funnel-like cloud before winds struck. | | | | | | | | | | | |
| Wheatfield, Niagara County | 26 | 12:30 p.m. | 2 | 100 | 0 | 0 | 4 | | Tornado | | |
| Funnel cloud clearly seen by numerous people struck the Bergholz section in the Town of Wheatfield, approximately 10 miles east of downtown Niagara Falls. Twister initially blew out wall of garage, moved along an easterly path and struck a trailer sales lot where one trailer demolished, 2 overturned and 2 blown off foundation. Further along path, camper-truck overturned, several apple trees uprooted, and home partially unroofed. Wheelbarrow blown 500 feet and handles embedded in roof of second house. | | | | | | | | | | | |
| New York (continued) | | | | | | | | | | | |
| Southeast | 27-29 | a.m. to p.m. | | | | | 0 | 0 | 6 | C | Rain, floods, wind |
| Precipitation totaling more than 3.0 inches fell on southeastern sections from the lower Hudson Valley and southeastern Catskills to eastern Long Island. Storm totals of 5.5 to over 8.0 inches, occurring mostly on 27-28th, were measured in Sullivan and western Ulster Counties with 4.0 to nearly 6.0 inches in Dutchess County and most of Long Island. Floods on the Beaverkill, Willowemoc, Mongaup, Millbrook Rivers and tributaries in Sullivan County termed the worst in memory with possible exception of Hurricane "Diana" in August 1955. Communities heavily damaged by flood waters included Livingston Manor, Parksville, Liberty, Monticello and Pond Eddy. Floodwaters 3 feet deep down streets of Liberty caused property damage in excess of \$1 million. Similar damage estimates reported in Livingston Manor. Numerous bridges and sections of county highways washed out. Lesser floods in Ulster County but some damage along Epopus Creek due to dam break at Pine Hill. Large campsite on Willowemoc River, Sullivan County, flooded with considerable amount of property washed away. Lowland flooding occurred in Orange County, affecting housing developments and the County Fairgrounds (Fair closed for one day due to flooding of exhibits). Village of Hunter, Green County, had streets and numerous home basements flooded. Wind damage occurred afternoon of 28th in Middletown area: house trailer overturned, silo and diskshed unroofed; power lines and trees downed in scattered areas of city. Streets, highways, low lying areas, basements and some crop lands flooded on Staten Island and Long Island. Housing area at Cold Spring Harbor again plagued by mud slide (See storm of July 3 above). | | | | | | | | | | | |
| New Hampton, Orange County | 28 | 4:00 p.m. | Unk. | Unk. | | | | 3 | | | Tornado |
| Tornado moving in northerly direction touched ground briefly about one mile west of village. One house partially unroofed; second house nearby had windows blown out and 2 pear trees sheared off near base. Noise in one house was like "an explosion". Small shed turned over and rolled essentially intact a distance of 20 feet. Lawn furniture blown 100 feet away. Sound of wind described as, "many jet airplanes". Sky became very dark when twister struck, according to witness. | | | | | | | | | | | |
| North Carolina Piedmont & Eastern Mountain Slopes | 1 | 2-5 pm | | | | | | | 4 | 4 | Electrical, wind, rain, hail |
| Four cattle killed and several widely separated fires set by lightning. Scattered occurrences of trees down, buildings damaged, by wind. Flash flooding several cities and towns. Hail damaged crops. | | | | | | | | | | | |
| Forsyth, Gates, Surry and Stokes Counties | 2 | 2-5 pm | | | | | | | 4 | 5 | Wind, hail |
| Trees blown down, roofs damaged. Hail damaged tobacco crop. | | | | | | | | | | | |
| Mecklenburg, Scotland and Yadkin Counties | 3 | 2-4 pm | | | | | | | 4 | 4 | Electrical, hail, wind |
| Lightning disrupted power and telephone facilities. Wind damaged buildings. Hail hit tobacco crop. | | | | | | | | | | | |
| Alamance, Davidson, Greene, Wake, Warren and Yadkin Counties | 6 | 3-7 pm | | | | | | | 4 | 5 | Electrical, wind, hail |
| Lightning killed six cattle, damaged homes, power and telephone facilities. Wind demolished two mobile homes, damaged roofs and porches. Hail hit tobacco, corn and cotton crops. | | | | | | | | | | | |
| Anson, Edgecombe, Greene, Mecklenburg, Onslow, Wayne and Yadkin Counties | 7 | 4-8 pm | | | | | 1 | 0 | 4 | 5 | Electrical, wind, hail |
| Lightning killed a farmer in Greene County; burned two tobacco barns and knocked a chimney off a brick building. Wind & hail damaged crops. | | | | | | | | | | | |
| Forsyth County | 9 | 4-6 pm | | | | | | | 0 | 4 | Hail |
| Tobacco crop damaged two areas. | | | | | | | | | | | |
| Cabarrus, Catawba, Hoke, Lincoln, Transylvania, Wake, Wayne, and Wilson Counties | 10 | 5-8 pm | | | | | | | 4 | 4 | Electrical, wind, rain |
| Lightning burned one home, damaged wiring and appliances several others. Wind blew roof off auto agency, damaged ears; blew down corn and tobacco crops. Rain caused some flash flooding. | | | | | | | | | | | |
| Duplin, Gaston and Onslow Counties | 11 | 4-7 pm | | | | | | | 4 | 4 | Electrical, wind, hail |
| Lightning and wind knocked down trees and limbs, breaking power lines and damaging roofs and outbuildings. Some electrical damage to wiring and appliances. Hail damaged tobacco and corn crops. | | | | | | | | | | | |
| Durham, Forsyth, Wilson and Yadkin Counties | 12 | 2-7 am | | | | | | | 4 | 5 | Electrical, wind, hail |
| Lightning damaged a home; disrupted electric service. Wind and hail did heavy damage to tobacco and corn crops, especially Yadkin County. | | | | | | | | | | | |
| Cabarrus, Caldwell Counties | 19 | 4-6 pm | | | | | | | 4 | 0 | Wind |
| Mobile home destroyed, roofs damaged school and home; trees down. | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | | |
| Buncombe, Burke, Guilford, Rockingham and Wilkes Counties | 20 | 2-6 pm | | | | | | 5 | 4 | Electrical, wind, hail Lightning killed 27 cattle on two separate farms. Wind destroyed 2 mobile homes, blew down trees, damaged houses. Hail damaged tobacco. |
| Buncombe, Forsyth and Granville Counties | 21 | Aftn & evening | | | | | | 4 | 0 | Electrical, rain Lightning damaged 3 homes. Rain flooded suburb of Asheville. |
| New Hanover County | 24 | 7-9 pm | | | 2 | 0 | 3 | 0 | 0 | Electrical Lightning killed 2 boys on Wrightsville Beach; caused fire damage. |
| Forsyth, Randolph and Stokes Counties | 25 | 4-7 pm | | | | | | 4 | 3 | Wind, hail Wind blew down trees and fences, upset a mobile home, damaged roofs. Hail damaged crops, took leaves off trees and shrubs. |
| Ashe, Clay, Forsyth, Iredell and Wake Counties | 27 | 2-8 pm | | | 1 | 0 | 4 | 4 | 4 | Electrical, wind, hail Man killed by lightning Ashe County. Several areas wind, hail damage. |
| Piedmont, Southern Coastal Plain | 28 | Aftn & evening | | | 1 | 0 | 5 | 5 | 5 | Electrical, wind, hail, rain Lightning burned home Johnston County; man died in fire. Widespread damage to houses, trees, power and telephone lines. Hail hit tobacco and corn crops. Rain and wind did some crop damage; some streets flooded. |
| Bertie, Carteret and Hertford Counties | 29 | Morning | | | | | | 4 | 0 | Electrical, wind Beach cottage damaged by lightning; wind damaged homes & outbuildings. |
| Burke, Cabarrus, Lincoln and New Hanover Counties | 31 | Aftn & evening | | | | | | 5 | 0 | Electrical, rain Lightning fire heavily damaged textile plant at Lincolnton; scattered lesser lightning damage. Flash floods two widely separated areas. |
| North Dakota | | | | | | | | | | |
| McLean - Burleigh Co. | 1 | Evening | 40 | | 0 | 0 | 2 | 4 | 4 | Hail Hail moved southeastward from near Underwood to Regan area causing extensive crop damage and breaking windows. Golf ball size hail. |
| Southwestern corner | 3 | Evening | | | 0 | ? | 5 | 5 | 5 | Damaging wind, hail, funnel cloud Severe thunderstorms moving out of Montana struck wide area in southwestern North Dakota. One of hardest hit areas was 2 to 7 mile wide hail swath from near Rhame to near Hettinger where thousands of acres of small grain destroyed. Wind, estimated at 100mph at Hettinger, destroyed Drive-In theatre screen and 3 aircraft at Hettinger. South half of Golden Valley County also hard hit. Huge hailstones dented house sidings, broke thousands of windows, killed more than a hundred sheep, caused back lacerations on range and milk cattle and caused scalp and hand cuts requiring stitches to close wounds on several people caught out in storm. Storm also destroyed an estimated 50% of the year's crop potential in the county. High winds also uprooted trees, leveled 2 barns and damaged several other farm buildings beyond repair. Funnel cloud reported 33 miles north of Dickinson at 6:30 p. |
| Western Dunn County | 7 | Early evening | | | 0 | 0 | | | | Hail, high winds, heavy rain, funnel cloud Considerable hail damaged crops, heavy rains washed out roads and fences when creeks overflowed banks, and high winds damaged or destroyed several buildings on farm 4 miles south of Killdeer. Funnel cloud was sighted northwest of Killdeer. |
| Eastern Trrill, Cass, Richland Counties | 14 | 9:00 p | | | 0 | 4 | | | | Heavy rain, high winds Torrential rains, accompanied by severe lightning and high winds, ranged to unofficial 7 1/2 inches in Leonard-Davenport area. Flooding cropland, highways, streets, drainage ditches and hundreds of basements as well as flattening thousands of acres of small grain. The high winds and severe lightning knocked out electrical service for several hours in many communities. Four persons were injured in Wahpeton when winds demolished their tractor house and 2 other mobile houses. A barn was blown down south of Litchville and a hangar at Wahpeton suffered extensive damage. |
| Beulah-Center-Hazen area | 17-18 | During night and morning | | | 0 | 0 | 5 | | | Heavy rain, flooding A series of rain storms dropping 5.13 inches of rain on Beulah and estimates of 10-11 inches northwest of Beulah caused severe flooding of Antelope Creek and Square Butte Creek. Flooding damaged about 50 houses in Beulah, some 200 homes in Hazen and about 15 homes in Center as well as 25 business places in Beulah and several in Hazen. Flood damages at Hazen were estimated at \$100,000. |
| 27 SSE Dickinson | 18 | 2:51 p | | | | | | | | Funnel clouds Sheriff's office reported 2 funnels just southwest of Regent. |
| Central and north-eastern North Dakota | 21-22 | Night and morning | | | 0 | 0 | | | | Hail and high winds Line of thunderstorms moving southeastward across state produced heavy rains and two rather distinct paths of hail and wind damage. Damage appears to have been most severe in a 10-20 mile wide swath from about 10 miles northwest of Max to about 15 miles south of Carrington. Hail damage was scattered and ranged upwards to 100% crop damage. Golf ball size hail stones was reported from several |
| North Dakota (continued) | | | | | | | | | | |
| | | | | | | | | | | places. Heaviest damage was in Max area where hail knocked out windows in school and in Harvey, Fessenden area. Wind damage was largely confined to flattening of ripening small grains. The second hail and high wind swath occurred in a stretch from 10 miles west of Cando to 10 miles northwest of Northwood. Crop damage was scattered and estimated as 10-30 percent. Hail stones north of Warwick, some round and some irregular in shape reportedly measured 8 inches in diameter. |
| Hankinson | 30 | 2:30 p | | | | | | | | Funnel cloud |
| Ohio | | | | | | | | | | |
| Scattered Areas | 2 | Evening | | | | | | 5 | | Electrical, wind, and rain Lightning was cited as the cause of a barn fire in the Venpdocia area, Van Wert County. Loss to the barn and farm machinery stored in the barn was set at \$30,000. Severe thunderstorms and gusty winds were reported in Berea and Alliance. |
| Perry Area, Lake County | 4 | 6:42p | 7 | 100 | 0 | 40 | 5 | 0 | 0 | Tornado This storm moved on shore from Lake Erie in the vicinity of Fairport and then lifted south of Perry on Route 84. The storm track was oriented WNW-ESC. The greatest damage occurred 2.5 miles west of Perry just south of Route 20. Large trees were downed in a path 100 yards wide and one mile long. Eleven homes were destroyed or sustained severe damages. Children complained of their ears hurting just as the storm struck. Small slivers of wood were driven into utility poles. All injuries were relatively minor. |
| Toledo Area, Lucas County | 4 | Evening | | | | | | | | Funnel clouds Funnels aloft were sighted near the Westgate Shopping Center, the Parkway Plaza Shopping Center in Maumee, and in Point Place. Inspection of areas indicates the funnels did not touch ground. |
| Grove City, Franklin County | 4 | 7:15p | | | | | 1 | 0 | | Electrical Lightning struck and killed a man while working in his back yard. |
| Delta Area, Fulton County | 4 | 8:30p | 2 | 75 | 0 | 0 | 4 | | | Tornado A tornado skipped eastward through a rural area just south of Delta. Huge trees were uprooted; two barns were torn apart--only the foundations remained. At least three other buildings and two homes were damaged along the storm's path. The storm moved toward the east southeast. |
| Northern Ohio | 4-5 | Evening 4th-noon 5th | | | 41 | 559 | 7 | 7 | 7 | Flooding, wind, electrical Four to eleven inches of rain fell over a 21 county area (30 miles either side of a Toledo to Dennison, Tuscarawas County, line) between 6 PM of the 4th and 11 AM on 5th. Areas northeast of an Elyria to Steubenville line received 2 to 4 inches of rain. Wind gusts of up to 100 miles per hour and severe lightning accompanied the initial line of thunderstorms which extended from Toledo to Conneaut. These initial severe storms downed thousands of trees. Including all areas, the early evening storms resulted in 16 deaths (8 people were killed by falling trees, 6 by electrocution by fallen wires, 1 by lightning and 1 died later from storm related injuries). Runoff from the heavy rains exceeded the capacity of drainage systems and headwater streams thus resulting in rapid and severe inundation of much of the area. Many streams overflowed with flood stages exceeding those recorded in all previous floods at a minimum of 11 locations. All of Wayne County was hit with rains exceeding 9 inches in less than 15 hours. The resultant flooding which occurred in Wayne County claimed 14 lives, wiped out crops planted in low areas and destroyed 110 bridge structures. Wooster's water plant was not returned to operation until July 11. The maximum flood of record occurred along the Killbuck Creek in Holmes County. At Killbuck the stream crested at 26.4 feet (3 to 4 feet is normal) with 95 percent of the village under water. The northern half of Ashland County remained paralyzed for more than 48 hours. Thirty bridge structures were damaged in Ashland County and 65 in Holmes County. At Norwalk a stream of water 400 feet wide and 7 feet deep moved through several streets. Reservoirs at Norwalk and Greenfield broke. Sixty-six bridges and culverts sustained damage in Erie and Huron Counties. It was impossible to get traffic in and out of Vermilion. Nearly 14,000 dwellings sustained damages from the storms. Twenty-six persons were drowned. All but 5 of these occurred within Wayne, Holmes, and Ashland Counties. A breakdown of the economic losses from the storm follows: Private property \$5,407,000.; crops and livestock \$20,520,000.; boats \$1,248,750.; cars \$4,000,000.; public property and util- |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | |
| Oklahoma (continued) | | | | | | | | | | |
| Talihina, LeFlore County | 15 | 8:00p.-9:30p. | 2 | 100 | 0 | 0 | 4 | 0 | | Wind |
| | | | | | | | | | | Wind, possibly associated with a funnel cloud aloft, lifted roof off a large warehouse building. |
| Near Frederick, Tillman County | 22 | 3:00a. | | | 0 | 0 | 4 | 0 | | Lightning |
| | | | | | | | | | | Farm home located 3/4 mile south of the old Laing school completely burned after being struck by lightning. |
| Humphreys area, Jackson County | 25 | 5:30p.-5:45p. | 3/4 | *1/4 | 0 | 0 | 4 | 0 | | Tornado |
| | | | | | | | | | | Tornado struck the Humphreys community southeast of Altus causing considerable property damage. No funnel was sighted, but residents of the community reported a loud thundering noise and whirling winds. The metal remains of two barns destroyed by the storm were twisted. The tornado damaged or destroyed homes, farm buildings, and the town's cotton gin and elevator. There was extensive damage to cotton trailer stored next to the gin. The community's only business house, a service station, was totally destroyed. There were no reported injuries. |
| Manitou, Tillman County | 25 | 6:30p.-6:50p. | 1/2 | *1/4 | 0 | 0 | 4 | 0 | | Wind |
| | | | | | | | | | | Strong wind knocked out the south wall of the school house. Several large trees were uprooted. A number of TV antennas were leveled and electrical and telephone service was disrupted for several hours. Three barns and a large sign were destroyed. At least one home was damaged. |
| Oregon | | | | | | | | | | None reported |
| Pacific Kwailein, Marshall Islands | 26 | 7:22 a.-7:37 a. | | | 0 | 0 | 0 | 0 | | Funnel cloud |
| | | | | | | | | | | Funnel cloud unknown distance to east moved westward dissipating about 1/2 mile south of Weather Bureau office. Rainshowers in vicinity. |
| Pennsylvania Crawford County | 2 | Afternoon | | | | | 1 | | | Lightning |
| | | | | | | | | | | Man struck by lightning near Spartansburg. |
| Western Pa. | 4 | Night | | | | | 5 | 5 | | Lightning, wind |
| | | | | | | | | | | Lightning caused \$4,000 damage to barn in Greene County, \$1,000 to home at Mt. Morris, \$5,000 loss due to killing 10 cattle in Clarion County, damage to storage building in Mercer Co., and destroyed home at Kittanning with loss of \$15,000. Wind damage included power outages, uprooted trees, and damaged house roofs and trailers over the area. 1300 chickens smothered in Clarion Co. at the game commission farm. Tent in Eldora destroyed by wind, garage and car destroyed in Butler Co. 5 persons injured in Meadville. |
| Schuylkill Co. | 5 | Early morning | | | | | 3 | | | Wind |
| | | | | | | | | | | Car and home damaged by falling tree in Suedberg. |
| South-Central Pa. | 5 | Afternoon | | | | | 4 | | | Lightning, wind |
| | | | | | | | | | | Roof and chimney knocked off home in Leiserring. Three airplanes damaged by wind in Conestogawille. Massive power failures and several reports of roof damage over the area. |
| Westmoreland Co. | 6 | Morning | | | 1 | | 4 | | | Lightning |
| | | | | | | | | | | Trailer damage due to lightning \$7,000. One of occupants killed. |
| Lancaster Co. | 8 | Early morning | | | | | 3 | | | Lightning |
| | | | | | | | | | | Fire in shed in Marietta. \$3,000 damage. |
| Fayette Co. | 11 | Afternoon | | | | | 4 | | | Rain |
| | | | | | | | | | | Flashflood from thunderstorm caused \$20,000 damage to store at Rubles Mills. |
| Schuylkill - Berks Counties | 11 | Afternoon | | | | | 3 | | | Wind, hail |
| | | | | | | | | | | Winds uprooted trees, caused power failures, and damaged house-trailers. Hail pea to marble size covered streets in Hamburg. |
| Northeast Pa. | 12 | Day | | | | | 4 | | | Lightning, hail, rain |
| | | | | | | | | | | Walnut-size hail at Wellsboro with 50 mph winds. Lightning caused \$1,000 damage to hospital in Lock Haven, struck house, causing fire damage in Milton. Cars damaged by falling timber in Wilkes-Barre. Flash floods occurred. Lightning destroyed cottage at Dushore. |
| Western Pa. | 12 | Day | | | 1 | 2 | 4 | | | Lightning |
| | | | | | | | | | | At Irwin in Westmoreland Co, one person was fatally burned and two others injured by lightning. 17 Holstein cows killed by lightning at Brockway. |
| Southeast Pa. | 12 | Afternoon | | | | | 4 | 3 | | Hail, wind, lightning |
| | | | | | | | | | | Hail size of golf balls in Franklin Co. 8 beef cattle killed by lightning in York Co. valued at \$2,400 and at same time a barn was destroyed in that area with a total loss including grain of \$32,500. High winds damaged some crops. |
| Pennsylvania (continued) | | | | | | | | | | |
| Mercer Co. | 17 | Afternoon | | | | | 4 | | | Rain, lightning |
| | | | | | | | | | | Floods resulting from thunderstorms with heavy damage at county hospital. Lightning caused a fire at a home near Mercer. |
| Northeast Pa. | 17 | Evening | | | | | 3 | 4 | | Wind, lightning, rain |
| | | | | | | | | | | Trees uprooted and property damaged at Bloomsburg. Black-out at intersection caused \$650 damage and 2 persons were injured in Lycoming Co. High winds and heavy downpours caused damage to houses and gardens. Considerable damage at the Lycoming Fair. A girl was injured while on the phone at Liberty. Lightning also struck a home at Spring Mills in Centre Co. 60+ mph winds reported at Williamsport Airport. |
| Blair Co. | 18 | Afternoon | | | | | 3 | | | Lightning |
| | | | | | | | | | | There was \$900 damage to two churches struck by lightning at Altoona. Streets were flooded and water came in the basement of a department store. |
| Butler Co. | 18 | Night | | | | | 4 | | | Lightning |
| | | | | | | | | | | Lightning caused a fire at the Meridian Inn in Butler with damage estimated at \$30,000. |
| Adams Co. | 19 | Evening | | | | | 4 | | | Wind |
| | | | | | | | | | | Winds damaged six house trailers and tore a sheet metal roof off a utility building near Abbotstown. |
| Jefferson Co. | 20 | Morning | | | | | 4 | 4 | | Lightning |
| | | | | | | | | | | A large barn containing hay, oats, straw, and several pieces of farm equipment was destroyed. |
| Centre and Luzerne Counties | 22 | Night | | | | | 4 | 4 | | Lightning |
| | | | | | | | | | | Lightning started a fire that destroyed a barn with a tractor, hay wagon, 5,000 bales of hay, 200 bushels of oats, and 200 bales of straw near Brookville. A large barn was destroyed by lightning near Scranton. |
| Berks, Cambria, and Lancaster Cos. | 23 | Day | | | | | 4 | | | Wind, Rain |
| | | | | | | | | | | Extensive flooding resulted from heavy rains. Damage was severe. \$3,040 damage to a roof occurred in Berks county. Two cars were damaged by a falling tree in Reading. |
| Johnstown | 24 | Day | | | | | 3 | | | Rain |
| | | | | | | | | | | One house severely flooded as rain continued in area. |
| Bradford Area | 25 | Afternoon | | | | | 3 | | | Rain |
| | | | | | | | | | | Heavy rains caused \$4,000 damage to the country club. |
| Eastern Pa. | 26 | Afternoon | | | 1 | | 4 | 3 | | Wind, lightning, hail |
| | | | | | | | | | | A man was killed instantly when a falling tree crushed his car in Susquehanna State Park. 50 to 100 trees were uprooted by the heavy winds and golf ball sized hail fell. In Williamsport a house trailer was destroyed. At Milton trees and power lines were down. Lightning hit a shed near Palmyra, destroying it. Rushville, 36 miles north of Scranton reported baseball sized hail. |
| York Co. | 27 | 7:30 to 8:00 PM | | | | | 5 | 4 | | Tornado |
| | | | | | | | | | | A tornado damaged a warehouse roof, uprooted several large trees, and damaged houses over an area of several blocks, about 1 to 5 miles west of the Harrisburg-Tork Airport in Harrisburg, Pa. Damages were estimated between \$250,000 and \$300,000. Damage to a farm was estimated at \$50,000. |
| Southeastern and Southern Pa. | 27 | Afternoon | | | | | 6 | 5 | 4 | Lightning, Hail, Wind, Rain |
| | | | | | | | | | | Six persons were injured by a lightning bolt at Hershey park. Two barns and a church were destroyed in Palmyra by lightning. The church damage was estimated at \$1,000, and \$750 lightning damage occurred to a home. Trees in this area were downed and in turn damaged cars and property. In Schuylkill Co. trees were uprooted, power lines toppled, a house unroofed, and a river wall buckled. Golf ball sized hail was reported. A tree falling on a house caused \$400 damage. In Franklin Co. heavy rains damaged oats in fields and flooded streets in Chambersburg. A new three-car garage was destroyed by winds and other property damaged. In Adams Co. telephone service was interrupted and extensive flooding and property damage occurred. Lightning destroyed a barn near Abbotstown at a loss of \$7,000. Heavy winds whipped roofs from a number of barns, toppled trees, and scattered tree trunks and other debris. Cumberland county was partially blacked out and many Harrisburg streets were flooded. Several houses were hit by lightning. A storm uprooted trees in a new park and damaged power lines in Riddlesburg, Bedford Co. |
| Northeastern Pa. | 27 | Afternoon | | | | | 3 | 4 | 4 | Lightning, Hail, Wind, Rain |
| | | | | | | | | | | In Union Co. most of the damage was to crops, power lines, and trees. Large hailstones severely damaged the corn crop. Heavy rains in Monroe Co. caused floods. A boy was injured in Carbon Co. when high winds collapsed a pavilion at the Highland Park. Sellersburg. Roads were washed out and mudslides occurred. One home collapsed when the foundation washed out. Lightning caused \$2,500 damage to a home. Hail and high wind damaged crops in Centre Co. and caused power failures. Sections of Canadensis in |

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | |
| Pennsylvania (continued) | | | | | | | | | | |
| Eastern Pa. | 28 | Day | | | | 2 | | 6 | 5 | Lightning, Wind, Rain |
| <p>Luzerne Co. were evacuated and several major roads were closed by washouts and fallen trees. Flood damage was very severe. At Lock Haven in Clinton Co. a storage shed collapsed causing extensive damage. Winds in one storm peaked at near 65 mph, and the area was flooded causing an accident in which a woman and child were injured.</p> <p>Torrential rains flooded many streets and basements throughout eastern Pennsylvania. One boy drowned in Lansdale in the strong current of a creek due to a heavy rain, and a man drowned in his car which was swept into a rain-swollen creek in Berks County. Many areas were evacuated. In Philadelphia winds gusted to 60 mph, and basements and subways were flooded. A smokestack was hit by lightning in Germantown and fell on three parked cars. Houses were hit by lightning. The damage to crops and grain as well as to highways and private property was severe in Berks County. At Wyomissing a parking lot caved in. The flood damage in Monroe County was estimated at \$1,000,000. Damage to crops and public property in York County was extensive.</p> | | | | | | | | | | |
| Washington Co. | 28 | Day | | | | | 4 | | | Lightning |
| <p>Severe lightning knocked down power lines and heavy rains flooded the Jefferson bypass.</p> | | | | | | | | | | |
| Luzerne Co. | 30 | Morning | | | | | | 3 | | Lightning |
| <p>A home in Wilkes-Barre was struck by lightning. There was no estimate of damage.</p> | | | | | | | | | | |
| Puerto Rico | 7 | afternoon | | | 0 | 0 | 0 | 0 | 0 | Winds and Rain |
| Rincon | <p>A severe thunderstorm with rains from 2-3 inches and strong winds struck Rincon late Sunday afternoon causing 50 families to be evacuated from the area into local school buildings. The damaged area was centered along highway 115 in Betrella and Pueblo Barrios leaving trees down and destroying lamp posts. A number of homes were damaged. Light, water and telephone service were out for several hours.</p> | | | | | | | | | |
| Mayaguez | 16 | 1:45 p. | | | 0 | 0 | 0 | 0 | 0 | Wind |
| <p>A severe thunderstorm hit Mayaguez early Wednesday afternoon. Strong winds tore down trees and left the city without power for four hours. No flooding occurred.</p> | | | | | | | | | | |
| Cabo Rojo | 29 | 2:00 p. | | | 0 | 0 | 0 | 0 | 0 | Wind |
| <p>High winds associated with a thunderstorm ripped up telephone wires, lamp posts and trees along highway 102 in Barrio Bajuras, Monte Grande and Cerrillo. Along highway 103 several high tension wire towers were damaged leaving the area without electric service. A garage was also damaged.</p> | | | | | | | | | | |
| Rhode Island | | | None reported | | | | | | | |
| South Carolina | 15 | 7:30 a. | | | 0 | 0 | | | | Waterspout |
| Georgetown County | <p>Waterspout reported offshore at Pawleys Island.</p> | | | | | | | | | |
| Oconee County | 20 | 6:00 a. | | | 0 | 0 | | 5 | | Thunderstorms, lightning. |
| <p>A laundry and cleaning establishment burned after being set on fire by lightning. The building and part of the contents were a total loss.</p> | | | | | | | | | | |
| Florence County | 24 | Evening | | | 0 | 0 | | 4 | | Thunderstorms, lightning. |
| <p>Lightning set fire to a house in Scranton, about 4 miles north of Lake City and did considerable damage to the interior of the house and the furnishings.</p> | | | | | | | | | | |
| Greenwood County | 27 | 4:30 p. | | | 1 | 0 | | | | Thunderstorms, lightning. |
| <p>A 12 year old boy was struck by lightning and killed as he played in a yard near a tree. Two other boys in the same yard were unharmed. This occurred in the city of Greenwood.</p> | | | | | | | | | | |
| Chesterfield County | 29 | 6:30 - 7:30 p. | | | 0 | 0 | | 4 | | Thunderstorm, heavy rain, wind. |
| <p>About three inches of rain in one hour caused flash flooding in Cheraw. A creek which runs through the town rose very rapidly over its banks. Many trees were blown down by strong winds. Many homes and businesses suffered minor flooding damage. Water was four to five feet deep in the area of worst flooding.</p> | | | | | | | | | | |
| South Dakota | 1 | Evening | | | | | | | | Funnel cloud aloft |
| 3W Watertown, Codington County | <p>Funnel cloud aloft</p> | | | | | | | | | |
| South Dakota (continued) | | | | | | | | | | |
| Codington, Day and Brown Counties | 1 | 4:30 - 6:30 p | | | 0 | 0 | | 4 | 5 | Hail and wind |
| <p>Hail swath 1 to 5 miles wide extended intermittently from southeastern Brown County across Day County into southeastern Codington County. Hail size varied from 1/4 inch to 4 inches. Extensive damage was caused to crops with some buildings damaged. The hail was accompanied by strong winds.</p> | | | | | | | | | | |
| Hand County | 1 | About 7:00 p | | | 0 | 0 | | 4 | 5 | Hail and wind |
| <p>Hail varied from marble to golf ball size. Damage to crops was spotty over county.</p> | | | | | | | | | | |
| Brule and Aurora Counties | 1 | About 7:00 p | 25 | *1-5 | 0 | 0 | | 4 | 5 | Hail and wind |
| <p>Hail path extended from northeastern Brule County to near Plankinton. Damage to crops varied from moderate to 100%.</p> | | | | | | | | | | |
| Corson, Wentworth and Potter Counties | 3 | 3:00 - 4:30 a | 30 | *1-16 | 0 | 0 | | 5 | 5 | Hail and wind |
| <p>Storm moved from NW to SE from near Walker, over Moberidge to near Tolstoy causing considerable damage to crops and buildings. Hail up to baseball size was reported.</p> | | | | | | | | | | |
| McCook, Turner and Lincoln Counties | 3 | 10:00 - 11:00 a | 40 | *4 | 0 | 0 | | 5 | 5 | Hail and wind |
| <p>Storm moved from NW to SE causing intermittent hail and wind damage to crops and buildings along a path from Canistota to Canton. Hail reported up to 3/4 inch.</p> | | | | | | | | | | |
| Southern Corson, northern Dewey, Walworth, Edmunds, Faulk and Spink Counties | 3-4 | 11:00p- 4:30a | 225 | *1-20 | 0 | 0 | | 6 | 7 | Hail and wind |
| <p>Storm moved along a WNW-ESE line from near Timber Lake causing extensive damage to crops and buildings in Dewey, Walworth, Edmunds and Faulk Counties. It appeared to diminish in intensity as it moved further ESE but intensified again as it moved across Deuel County. The most extensive damage occurred in Walworth County where crop damage was estimated at \$5,000,000 and property damage was estimated at \$2,000,000. Wind of 92 MPH was reported at Moberidge. Largest hail was reported up to 3 to 4 inches.</p> | | | | | | | | | | |
| 12SSW Buffalo, Harding County | 7 | 5:00 - 5:30 p | 2 | 400 | 0 | 0 | | 4 | 3 | Tornado, funnel aloft and hail |
| <p>Storm moved from NW to SE. Hail averaged 3/4 inch with largest to 2 1/2 inches. Two funnels were sighted but only one touched ground destroying an old farm house. Several sheep and cows were killed.</p> | | | | | | | | | | |
| 31NW Moberidge, Corson County | 7 | 9:05 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Funnel apparently touched down in open country with no reported damage.</p> | | | | | | | | | | |
| Rapid City and vicinity, Pennington County | 10 | 12:00 - 1:15 p | 25 | *2 | 0 | 0 | | 6 | 5 | Hail and wind |
| <p>Storm moved from NW to SE. Hail averaged 1 inch with largest to 2 1/4 inches. Extensive damage was caused to roofs, windows and cars.</p> | | | | | | | | | | |
| Haakon, Jackson, Washabaugh and Mellette Counties | 10 | 12:30 - 1:30 p | 50 | *4 | 0 | 0 | | 5 | 5 | Hail and wind |
| <p>Storm moved along a NW to SE line from SW Haakon County into SW Mellette County causing extensive crop and building damage. Some crops had been harvested before storm. Hail ranged from marble size to 4 inches.</p> | | | | | | | | | | |
| SE Hot Springs, Fall River County | 10 | Between 12:00 and 1:00 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Apparently touched down in open country with no reported damage.</p> | | | | | | | | | | |
| 5N Kadoka, Jackson County | 10 | 12:40 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Apparently touched down in open country with no reported damage.</p> | | | | | | | | | | |
| 10SSW Presho, Lyman County | 10 | 2:00 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Apparently touched down in open country with no reported damage.</p> | | | | | | | | | | |
| 2N White River, Mellette County | 10 | 2:00 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Apparently touched down in open country with no reported damage.</p> | | | | | | | | | | |
| 20S Winner, Tripp County | 10 | 2:45 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Funnel touched down 3-4 times with no reported damage.</p> | | | | | | | | | | |
| 7W White, Brookings County | 13 | About 4:45 p | | | 0 | 0 | | 0 | 0 | Tornado |
| <p>Funnel touched down briefly with no reported damage.</p> | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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 | | | |
| South Dakota (continued) | | | | | | | | | | | South Dakota (continued) | | | | | | | | | | | |
| 6N Colman, Moody County | 13 | About 5:20 - 5:35 p | About 15 | About 100 | 0 | 0 | 0 | 0 | | Tornado | Lemmon, Perkins County | 17 | 9:30 p | ? | ? | 0 | 0 | 4 | 0 | | Tornado | |
| | | Tornado first touched southward, lifting as it passed over Colman, touched down again south of Colman and moved south of Flandreau. Funnel cloud lifted several times and when touching down was in open country. | | | about 6 miles north of Colman, traveled eastward to south of Flandreau. Funnel cloud lifted several times and when touching down was in open country. | | | | | | | | | | | | | | | | Mobile home thrown up on the corner of the Lemmon Veterinary Clinic crushing a pickup truck. | |
| 3N Dell Rapids, Moody County | 13 | 5:35 - 5:40 p | | | 0 | 0 | 0 | 0 | | Tornado | Lemmon, Perkins County | 17 | 9:30 - 10:15 p | | | 0 | 0 | ? | ? | | Heavy rain | |
| | | Touched down briefly in open country with no reported damage. | | | | | | | | | | | | | | | | | | | Heavy rain of 3.52 inches flooded streets and basements filling at least one and leaving several feet in others. | |
| 4S Dell Rapids, Moody County | 13 | About 5:40 p | | | | | | | | Funnel cloud aloft | 11E Hecla, Brown County | 18 | 6:25 p | | | | | | | | Funnel cloud | |
| | | Funnel may be the same as tornado above. | | | | | | | | | 25W Aberdeen, Faulk County | 18 | 8:05 p | | | 0 | 0 | 0 | 0 | | Tornado | |
| 10WN Rapid City, Pennington County | 14 | 2:00 p | ? | ? | 0 | 0 | ? | ? | | Hail | Estelline area, Hamlin County | 18 | p m | ? | ? | 0 | 0 | ? | ? | | Hail | |
| | | 3/4 inch hail | | | | | | | | | | | | | | | | | | | Damaging hail reported in a strip from Lake Poinsett to Estelline. No estimate of crop loss. | |
| Rapid City, Pennington County | 14 | 2:30 - 2:54 p | ? | ? | 0 | 0 | ? | ? | | Hail | 25W Aberdeen, Edmunds County | 22 | 8:01 a | | | | | | | | Funnel cloud | |
| | | 1 inch hail | | | | | | | | | 2ENE Brownville Store, Lawrence County | 23 | 5:30 p | 2 | 200 | 0 | 0 | 0 | 2 | | Tornado and funnel cloud | |
| 5ESE Hot Springs, Fall River County | 14 | 3:00 p | 1/8 | 30 | 0 | 0 | 4 | 0 | | Tornado | | | | | | | | | | | Two funnels, one touched down and skipped along the 2 mile path. Only damage was to trees. At Baskala Ranch, a few miles west, 1/4 of the roof of a barn was moved 40-50 feet. | |
| | | A building with the electrical equipment for the Crazy Horse pageant was damaged by a tornado which touched down briefly traveling from east to west. | | | | | | | | | Deadwood, Spearfish area, Lawrence County | 23 | 5:22 - 6:30 p | 15 | *2 | 0 | 0 | 4 | 5 | | Hail and windstorm | |
| State Game Lodge, Custer County | 14 | p m | | | 0 | 1 | ? | ? | | Lightning | | | | | | | | | | | Hail of 1 3/4 inches reported in both Spearfish and Deadwood and areas between. Strong winds drove the hail and broke windows and neon signs. Crop damage was reported in Spearfish Valley. | |
| Angostura Reservoir area, Fall River County | 14 | p m | ? | ? | 0 | 0 | ? | ? | | Hail and wind | 3 1/2NE Hermosa, Pennington County | 23 | 6:00 - 6:45 p | 3 | *.5 | 0 | 0 | 3 | 4 | | Hail, locally heavy rain | |
| | | Roofs damaged and small buildings toppled in the area. | | | | | | | | | | | | | | | | | | | Hail up to 1 inch covered the ground up to a 2 inch depth. At the Reptile Gardens, south of Rapid City, a flash flood came out of the hills in two rivers, 50 feet wide and 15 inches deep, and flooded the building. | |
| Hayes, Stanley County | 14 | 6:45 p | ? | ? | 0 | 0 | ? | ? | | Wind storm, hail, locally heavy rains | Batesland, Shannon County | 23 | 6:25 - 7:30 p | 16 | *2 | 0 | 0 | 4 | 5 | | Hail, windstorm locally heavy rain | |
| | | Small buildings and machinery moved or blown over by the wind. | | | | | | | | | | | | | | | | | | | On a path from about 8 miles north of Batesland into Nebraska, several grain bins were blown away or collapsed. Hail and local flooding damaged wheat crop. Hail averaged 1/2 inch. | |
| 75ESE Rapid City, Pennington County | 14 | 5:30 p | | | | | | | | Funnel cloud | 12SE Menno, Hutchinson County | 23 | ? | ? | ? | 0 | 0 | ? | ? | | Hail and locally heavy rain | |
| 30S Aberdeen, Spink County | 14 | 9:20 p | | | | | | | | Funnel cloud | | | | | | | | | | | Hail up to 2 inches and 4 inches of rain did extensive damage to crops. | |
| 75W Britton, Marshall County | 14 | 10:30 p | ? | ? | 0 | 0 | 0 | 0 | | Tornado | 30W Yankton, Bon Homme County | 25 | 5:45 p | | | | | | | | Funnel cloud | |
| | | Tornado touched down briefly just SW of Britton in an open field. No reported damage. | | | | | | | | | Lake Preston, Kingsbury County | 26 | ? | ? | ? | 0 | 0 | ? | ? | | Hail and locally heavy rain | |
| 15W Huron, Beadle County | 14 | 9:46 p | | | | | | | | Funnel cloud | | | | | | | | | | | Four inch rain reported. | |
| St. Onge, Lawrence County | 15 | 6:45 - 7:15 p | 20 | *1 | 0 | 0 | 4 | 4 | | Windstorm and hail | Eureka, McPherson County | 30 | ? | ? | ? | 0 | 0 | ? | ? | | Hail and strong wind | |
| | | High winds destroyed two new grain storage bins and several roofs. Hay stacks and bales of hay were blown and scattered. The hail did less damage averaging 1/2-3/4 inch. | | | | | | | | | | | | | | | | | | | | Damaged grain and corn. Small buildings blown down, much damage to trees. |
| 6ENE Buffalo Gap, Custer County | 15 | 8:00 p | ? | ? | 0 | 0 | 4 | 0 | | Tornado | Tennessee | | | | | | | | | | | |
| | | Tornado destroyed buildings on a farmstead. | | | | | | | | | Shelby, Tipton Counties | 2 | p.m. | | | 0 | 0 | 4 | ? | | Wind, locally heavy rains | |
| Buffalo Gap area, Custer County | 15 | 8:00 - 9:30 p | 15 | *3 | 0 | 2 | 4 | 5 | | Wind and hailstorm | Grand Junction, Hardeman County | 2 | p.m. | 1/2 | *4 | 0 | 0 | 0 | 4 | | Hail | |
| | | One inch hail, largest 2 inches, 4-6 inches deep with drifts up to 5 feet deep. Some damage to roofs and windows, most to crops. The grass was actually moved with the hail. The wheat crop just disappeared. | | | | | | | | | | | | | | | | | | | | Scattered thunderstorms in area. Some wind damage and flooding of streets and highways. |
| Angostura Dam, Fall River County | 15 | ? | ? | ? | 0 | 0 | ? | ? | | Hail | Dyersburg, Dyer County | 6 | p.m. | | | 0 | 0 | 3 | 0 | | Lightning, wind | |
| | | One inch hail fell causing some damage to crops. | | | | | | | | | | | | | | | | | | | | Fire apparently caused by lightning damaged house roof. Wind damaged trees and power lines in various parts of the County. |
| 10W Redig, Harding County | 15 | ? | ? | ? | 0 | 0 | ? | ? | | Tornado | Union City, Obion County | 7 | 9:25 p.m. | | | 0 | 0 | ? | ? | | Heavy rains | |
| | | Tornado apparently touched down in open country with no reported damage. | | | | | | | | | | | | | | | | | | | | Heavy thunderstorm rains temporarily flooded streets and basements. |
| 13E Oelrichs, Shannon County | 16 | ? | 1 | *1/4 | 0 | 0 | ? | ? | | Tornado and strong winds | New Tasewell, Claiborne County | 8 | p.m. | | | 0 | 0 | 4 | 0 | | Heavy rains | |
| | | Sheds and 3 small buildings wrecked. Trees denuded of all leaves and small branches. Several large trees uprooted and twisted. | | | | | | | | | | | | | | | | | | | | Excessive rainfall caused local flooding, 2 to 3 feet water in low spots, damaged interior of several stores and automobiles. |
| 6N Oelrichs, Fall River County | 16 | 2:15 p | 15 | *2 | 0 | 0 | ? | ? | | Hail | Knoxville (near) Knox County | 8 | p.m. | | | 0 | 0 | 4 | 0 | | Lightning | |
| | | Total damage to some crops, also damage to trees and buildings. | | | | | | | | | | | | | | | | | | | | Three valuable horses killed when struck by lightning. |
| 25WN Rapid City, Lawrence County | 17 | 3:32 p | | | | | | | | Funnel cloud | | | | | | | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | |
| Lewisburg, Marshall County | 9 | 1:30 p.m. | | | 0 | 0 | 4 | 0 | Lightning |
| | | | Four cows killed when struck by lightning. Lightning fired and partially destroyed a house, causing considerable damage. | | | | | | |
| Pulaski, Ollas County | 11 | p.m. | | | 0 | 0 | 5 | 0 | Wind, hail, lightning |
| | | | Thunderstorm winds estimated at 50 to 60 mph damaged roofs, signs, trees, and a few large plate glass windows. Several houses sustained antenna damage and there were extensive power and telephone failures throughout the County. Hail damaged fruit trees and garden crops. Lightning split several large oak trees. | | | | | | |
| Memphis, Shelby County | 12 | 7:45 a.m. | | | 0 | 0 | 4 | 0 | Thunderstorms |
| | | | High winds and lightning, which accompanied the thunderstorms, damaged trees and utilities in scattered areas over the City. | | | | | | |
| Morristown, Hamblen County | 20 | p.m. | | | 0 | 0 | ? | ? | Hail |
| | | | Hailstones 3/4 inch diameter reported. | | | | | | |
| Knoxville, Knox County | 20 | p.m. | | | 0 | 0 | 4 | 0 | Lightning |
| | | | Lightning caused scattered damage, plus minor fire damage in two homes. | | | | | | |
| Nashville, Davidson County | 20 | p.m. | | | 0 | 3 | 4 | 0 | Lightning |
| | | | Three golfers were injured slightly by lightning as they took shelter under a tree. Heavy rains resulted in minor flooding of low-lying areas. | | | | | | |
| Memphis, Shelby County | 22 | 11 p.m. | | | 0 | 0 | 3 | 0 | Lightning |
| | | | Lightning damaged an electrical substation, disrupting service to part of the City. | | | | | | |
| Newport, Cocke County | 23 | 1:00 p.m. | | | | | | | Heavy rains |
| | | | Sudden downpour flooded low-lying areas of business section in town. Heavy rains at scattered locations ranged from 1.5 inch to more than 2.5 inches in an hour. | | | | | | |
| Blountville, Sullivan County | 25 | 2:35 p.m. | | | 0 | 0 | ? | ? | Hail |
| | | | Hail stones 1/4 to 1 inch in diameter. | | | | | | |
| Texas | | | | | | | | | |
| 3 E Palacios, Matagorda County | 1 | 7:10 a | | | | | | | Funnel aloft |
| Cass County | 1 | 2:30 p | | | 1 | 0 | 0 | 0 | Lightning |
| | | | The Rev. Samuel Rust was killed when a tree he was leaning against was struck by lightning. He had attempted to use a group of trees as protection from a storm along U. S. Highway 67 in Cass County. | | | | | | |
| Near Liberty, Liberty County | 5 | 9:00 a | | | | | | | Funnel aloft |
| 8 WSW Beaumont, Jefferson County | 8 | 8:13 a-8:18 | | | | | | | Funnel aloft |
| 16 E Houston, Harris County | 8 | 8:50 a | | | | | | | Waterspout |
| Near Seabrook, Harris County | 8 | 8:56 a | | | | | | | Funnel aloft |
| Farmworth, Ochiltree County | 10 | 2:15 a | | | 0 | 0 | ? | 0 | Lightning |
| | | | Lightning struck a three-tank battery of crude oil near Farmworth and set fire to more than 600 barrels of oil. The tanks were destroyed. | | | | | | |
| Memphis, Hall County | 10 | 4:00 p | | | | | | | Funnel aloft |
| 18 ESE Palacios, Matagorda County | 11 | 11:30 a | | | | | | | 3 Waterspouts |
| | | | Observed in the vicinity of Matagorda Beach and Matagorda. | | | | | | |
| Near Magnolia, Montgomery County | 15 | 4:00 p-4:45 p | 3 | 300 | 0 | 1 | 1 | 0 | Windstorm, funnel aloft |
| | | | A funnel cloud, traveling with the base about 20 feet above the ground destroyed some timber in the Mostyn Switch - Lake Creek - Timberland area near Montgomery. Homes in the path of the storm were not damaged. One person was injured when struck by flying glass, caused by part of a tree breaking the windshield of the truck he was driving. Damage was estimated at \$50. | | | | | | |
| Port Arthur, Jefferson County | 15 | 4:10 p | 1 5/8 | 17 | 0 | 0 | 5 | 0 | Tornado, wind, hail, lightning |
| | | | A tornado touched down in the 3700 block of Gulfway Drive and the 4400 block of Lewis Drive in Port Arthur and cut a path 50 feet wide and 1 5/8 miles long eastward to the ship channel. In the tornado path some structural damage occurred to residences, but total destruction was confined to garages, storage sheds, and less well constructed buildings. At the James Pauling home a 16-foot | | | | | | |
| Texas (continued) | | | | | | | | | |
| 2 1/2 E Tecula, Cherokee County | 15 | Evening | Short | Narrow | 0 | 0 | ? | 0 | Tornado, windstorm |
| | | | A small tornado dipped down on the G. C. Armstrong farm 2 1/2 miles east of Tecula, 6 miles northeast of Jacksonville, in Cherokee County, and destroyed a garage. The roof of the 24-by-10-foot structure was carried about 150 feet. Armstrong said "the wind appeared to circle around the house and was accompanied by a yellowish cloud". He said the wind lifted his brick home off the foundation and blew pieces of sheet metal from barns and sheds as far as one-quarter of a mile. A number of large trees were split and uprooted in the vicinity of the Armstrong farm. The storm unroofed a hay barn on the C. W. Tedder place off the Tecula Gould Road east of Mud Creek. The storm blew the roof off the home of Mrs. C. H. Wilson and also blew down a garage on the Ed Ivey place at Tecula. | | | | | | |
| 8 SE Henderson, Rank County | 16 | 9:00 a-9:02 a | ? | 100 | 0 | 0 | ? | 0 | Tornado |
| | | | A small tornado dipped to earth briefly near the Stroud Hale home eight miles southeast of Henderson. Several utility poles and a tree were knocked down before the funnel lifted back into the clouds. | | | | | | |
| Near Elanconia Community, Bee County | 16 | 1:45 p | ? | ? | 0 | 0 | 0 | 0 | Tornado |
| | | | A small tornado caused some damage to trees and sheds near the Elanconia community in extreme eastern Bee County, about 12 miles west of Refugio. There was no other damage reported. | | | | | | |
| Near Beeville, Bee County | 16 | 1:57 p | | | | | | | Funnel aloft |
| Palestine, Anderson County | 16 | Night | ? | ? | 0 | 0 | ? | 0 | Windstorm, rain |
| | | | A windstorm caused extensive damage to the Westwood Junior High School gymnasium at Palestine. The wind lifted off a large portion of the roof and blew some of it away. The exposed interior was then damaged by rain. | | | | | | |
| Near Decatur, Wise County | 21 | 3:40 a | | | | | | | Funnel aloft |
| | | | Reported between Alvord and Decatur. | | | | | | |
| Lubbock, Lubbock County | 21 | 9:00 p-10:00 p | ? | ? | 0 | 20 | 6 | ? | Windstorm, heavy rain |
| | | | Severe thunderstorm winds caused an estimated \$ one million damage to property and injured 20 persons in Lubbock. Six persons were hospitalized; 14 others were treated and released from hospitals. Wind gusts at the Weather Bureau Office reached 74 miles-per-hour at 9:35 p.m. Several persons were injured when the winds toppled five trailer houses on North University Avenue. Two motels were partially unroofed. Damage at El Tejas Motel was estimated at \$150,000. The Ramada Inn north of the city had 26 upstairs units unroofed, and there was water damage to 50 units. Four cotton warehouses at the Service Compress and Warehouse, 2001 North Gary Street were heavily damaged or destroyed. Damage was estimated at \$200,000. About 100 utility poles were knocked down along with 1 1/2 miles of line. One light airplane was turned upside down at the municipal airport. Except for those in trailer homes, most of the persons injured were struck by flying glass or debris. Six trailer homes in a trailer park on North Chirt Avenue were heavily damaged and six persons were injured and taken to a hospital. | | | | | | |
| La Coste-Medina Valley area, Medina County | 21 | Evening | ? | ? | 0 | 0 | ? | ? | Hail, wind, heavy rain |
| | | | High winds, hail, and heavy rains caused extensive damage to corn crops in the La Coste-Medina Valley area of Medina County. Maurice Decock reported 75 percent of his corn was blown over by the winds which were measured at 70 miles-per-hour. Hail three-quarters of an inch in diameter peppered the area for about 10 minutes, and up to two inches of rain fell within a 20-minute period. | | | | | | |
| Near Buffalo Springs, Clay County | 21 | Evening | ? | ? | 0 | 0 | ? | 0 | Tornado, windstorm |
| | | | A tornado ripped a brick wall from the Ray Chapman home in the Lake Ransom Canyon area near Buffalo Springs. Mrs. Chapman observed the tornado as it approached her home. The Chapman's teenage son, Jack, said the air was "dead still" before the tornado struck. At the lake, high winds capsized numerous boats tossing at least 16 persons into the water. About one dozen 55-gallon empty oil barrels were reported "flying by like so many paper cups". | | | | | | |

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JULY 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) | | | | | | | | | |
| Nederland and vicinity, Jefferson County | 30 | 5:00 p- 5:30 p | 2 1/2 | 7 | 0 | 0 | 4 | 0 | Tornado, 2 funnels aloft |
| A small tornado touched down in the eastern section of Nederland and caused damage to property estimated at less than \$10,000. The path of the storm was about one-half mile long and 20 feet wide. At least two other funnels accompanied the tornado, but did not touch ground. The tornado struck in the 200 block between South Fourth and South Second. On South Two and one-half Street the tornado momentarily scooped up Vernon Esclovon, 9, from the porch of his home and carried him 30 feet into a ditch. Vernon's 13-year-old sister, Kathy ran after him. A brother, Edward Esclovon, 16, explained, "He just flew across there --- my little sister grabbed him and pulled him down". His mother, Mrs. W. D. Esclovon recounted, "It looked like he was rolling, but he wasn't on the ground". Mrs. Raymond T. Johnson, 211 South Two-and-one-half Street reported that the tornado swept across the neighborhood first from the northeast, then reversed and bore down out of the southwest a few moments later. The noise of the tornado was described as "sounding like a big jet, flying real low". | | | | | | | | | |
| Vicinity Beaumont, Jefferson County | 31 | 10:00 a- 10:50 a | | | | | | | 2 funnels aloft |
| One funnel was observed in the vicinity of Beaumont about 10:00 a.m., and another was observed near the Intercoastal Canal between Port Arthur and Sabine Pass. | | | | | | | | | |
| Utah | | | | | | | | | |
| Ephraim | 8 | 7:30 p | | | 0 | 0 | 4 | 0 | Wind |
| A brief period of strong winds lasting about seven minutes knocked down a section of a new building. 192 feet of new wall on three sides of the building 17 feet high was destroyed and two 70 x 8 stressed concrete beams were damaged. The roof of an adjacent building was carried over 100 feet and completely demolished. Damage estimates exceeded 19,000 dollars. | | | | | | | | | |
| Salt Lake, Davis and Summit Counties and Moab area | 29 | afternoon and evening | | | 0 | 0 | 4 | 0 | Lightning, heavy rain and flooding |
| A series of heavy thunderstorms struck scattered sections of Utah Tuesday afternoon and evening producing local heavy flooding and some lightning damage. Many sections of Salt Lake, Davis and Summit Counties recorded local flood or mud slide damage. Salt Lake Airport recorded 1.35 inches of moisture which flooded streets and basements and caused four of five slides in Cottonwood Canyon. In the Bountiful area the lower floors of a new apartment building were flooded resulting in damage in excess of 40,000 dollars. A United Air Lines 727 jet slid off the runway at the Salt Lake City Airport. Another slide closed the main highway near Echo Junction. In Moab lightning struck a home, destroyed two television sets and set a fire which caused over 3000 dollars damage. | | | | | | | | | |
| Vermont | | | | | | | | | |
| Northeast | 11 | p.m. | | | 0 | 0 | 4 | 3 | Rain, lightning, hail |
| Local washing and flooding rains in parts of this section, especially in East Albany, Glover, St. Johnsbury, and Sutton. Scattered lightning and hail damage. | | | | | | | | | |
| Central and northeast | 12 | p.m. | | | 0 | 0 | 4 | 2 | Rain, lightning, wind, hail |
| At East Albany, this second washing and flooding rain within 24 hours caused additional damage. At Granville lightning split a church steeple while wind caused local damage. Some small hail. | | | | | | | | | |
| Eastern | 27-30 | | | | 0 | 0 | 6 | 4 | Rain |
| Excessive rains, heaviest on the 28-29th in most areas, caused flash floods, road and bridge washouts, soil erosion and crop loss, and store and cellar flooding. Some families evacuated from flooded homes. Reports of up to 5 or 6 inches rainfall in 24 hours in the Ascutney area. All roads cut by washouts in some communities. | | | | | | | | | |
| U. S. Virgin Islands | | | | | | | | | |
| None reported | | | | | | | | | |
| Virginia | | | | | | | | | |
| King and Queen and Essex Counties | 1 | 3:00 P.M. | | | | | 0 | 5 | C Wind, Hail |
| Strong winds with hail damaged trees, crops, and buildings, destroying completely two barns and unroofing a church in Helmut with extensive damage to the interior. | | | | | | | | | |
| Norfolk Area | 1 | Afternoon | | | | | 4 | | Wind |
| High winds blew down utility lines and trees, one on a car, demolished a cinder block wall at a school and a partially completed church, unroofed a school, blew over a trailer, and was responsible for several fishermen having to be rescued from the water. | | | | | | | | | |
| Nansemond County | 3 | 11:55 A.M. | | | | | 5 | | Wind |
| A trailer was overturned on a car and a camper was lifted from a truck and carried across the highway and crashed into a field. Two children in the camper were unhurt although the camper was demolis- | | | | | | | | | |
| Virginia (continued) | | | | | | | | | |
| | | | | | | | | | hed. Another person crawled out unhurt from the wreckage of a building which had been demolished by a tree falling on it. Hundreds of trees were uprooted and heavy damage done to power lines. Two silos, four storage bins, and several sheds were destroyed and many other buildings and homes damaged. |
| Norfolk Area | 3 | 2:25 P.M. | | | | | | | Waterspout |
| A waterspout was seen from Ocean View but dissipated before touching land. | | | | | | | | | |
| Botetourt County | 6 | Afternoon | | | | | 4 | | Wind, rain |
| A 100-year-old church in Buchanan was unroofed and the interior was soaked with water with the building being described as a total loss. | | | | | | | | | |
| Prince George County | 6 | 6:45 P.M. | 1/2 | 200 | | | 4 | | Tornado |
| The tornado touched down in a trailer court, demolished three trailers and damaged 11 others, and then uprooted 1/2 acre of pine trees at end of court. | | | | | | | | | |
| Hopewell, Petersburg, and Colonial Heights | 6 | | | | | | 5 | | Wind |
| High winds knocked down signs, utility lines, and trees, some on cars. The roof of an industrial building and also an apartment house was blown off, a building in process of construction was demolished along with two storage sheds. Glass doors and windows at a supermarket and post office were broken. | | | | | | | | | |
| Richmond, Henrico, and Hanover Counties | 22, 23 | Night | | | | | 7 | 6 | Rain, high water |
| Over 5 inches of rain in a 12 hour period flooded the Richmond area. Seven injuries occurred due to water strangulation, cuts, bruises, and rope burns. Over seventy families had to be evacuated from homes and apartments, some by boat. Roads and bridges were flooded with many washouts and mud slides. Cars were submerged, washed away, and abandoned, with many owners having to be rescued. Several small dams were broken, and blocked and backed up sewers created additional problems. Major damage occurred to highways and bridges, dwellings and apartment buildings, some businesses, and to automobiles. | | | | | | | | | |
| Alexandria, Arlington and Fairfax County | 22 | Night | | | | | 6 | | Rain, high water |
| Up to 7 1/2 inches of rain flooded the area. Numerous streets were flooded with washed out sections and weakened bridges. Cars were submerged, washed away, and stranded with many of the drivers having to be rescued. Over 100 new cars were damaged by flood waters with many being swept downstream. Over 430 families had to be evacuated, some by boat, from homes and apartments. Utility failures occurred mainly in the telephone system with many still not working the next day. Commercial firms suffered losses from mud and flood waters up to 12 feet deep. An estimated 500-1000 homes and businesses were damaged by flood waters. | | | | | | | | | |
| Harrisonburg, and Rockingham County | 25 | Afternoon | | | | | 0 | 4 | C Hail, Rain, Wind |
| Several basements were flooded, traffic stalled, a trailer home overturned, a basement wall collapsed, and crops damaged as a result of heavy rain, wind, and hail described as large as marbles. Fifteen homes in the city had to be evacuated for a few hours due to leaking gas caused by high water. | | | | | | | | | |
| Waynesboro, New Hope, and Crimora areas of Augusta County | 25 | Afternoon | | | | | 0 | 4 | C Hail, wind, rain |
| High winds unroofed a barn, damaged several outbuildings, tore a chimney from a house, uprooted trees, some on utility lines and roads, and moved several mobile homes on their foundations. Hail destroyed 30 acres of corn and high water damaged stock in a warehouse. | | | | | | | | | |
| Richmond Area | 28 | Afternoon | | | | | 3 | 4 | Wind, rain, lightning |
| Three floors of the American building on East Main Street were heavily damaged by wind and lightning with John Ebert being cut by glass and debris. Water damage occurred up to the 10th floor through broken windows. Over 60 trees were downed by the wind with Welden Bates being hospitalized after a tree fell on him. Two large trees in Capital Square were uprooted and others damaged. Jean Holt was treated for electric shock. The top of an air conditioner was broken and blown off the roof of the Mutual Building into the streets and upon other buildings. Harper's Hardware store was damaged by water after the wind had blown away roofing and timbers. The brick chimney on top of the building had been twisted by the wind. A rooming house was unroofed with the residents having to be evacuated. Three roads in Hanover County were washed out and several roads in the area flooded. Over 13,000 electric customers were without power during the storms. | | | | | | | | | |
| Harrisonburg | 31 | Night | | | | | | 4 | Rain |
| Heavy rain flooded streets, parking lots, hundreds of basements, and several businesses mainly along Blacks Run. | | | | | | | | | |
| Washington | None reported | | | | | | | | |
| West Virginia | None reported | | | | | | | | |
| Morgantown | 5 | 1-4 a.m. | | | 0 | 0 | 3 | 0 | Lightning |
| Lightning struck the bell tower of a 184-year-old historic church several miles northeast of the city. The church was also struck by lightning 50 years ago during the summer of 1919. The storm also caused considerable damage to trees, TV antennas, gardens and secondary roads. This was termed the worst summer storm since 1954. | | | | | | | | | |

See reference notes at end of table.

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|---|-------|-----------------------|------------------------|-----------------------|----------------|---------|-------------------------------|-------|-----------------------|
| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| West Virginia (continued) | | | | | | | | | |
| Summersville, Nicholas County | 5 | early morning | | | 0 | 0 | 3 | 0 | Lightning |
| Many power outages were caused by the violent thunderstorms which ravaged the Summersville area of the power companies. This area is about 45 miles east of Charleston near the higher mountain ranges to the east. | | | | | | | | | |
| Proctor, Metchel County | 5 | 1:10 p.m. | | | 0 | 0 | 4 | 0 | Windstorm |
| The post office building at Proctor, on the Ohio River 6 miles north of New Martinsville, was wrecked by winds which ripped off the roof and toppled a concrete block wall, and damaged a nearby house trailer and motorboat. This was evidently part of a squall line which struck other parts of the State later in the afternoon. | | | | | | | | | |
| Sugar Grove, Pendleton County | 5 | 3 p.m. | | | 0 | 0 | 4 | 2 | Windstorm |
| An area along the South Fork River about 2 miles north of Sugar Grove was battered by a local wind storm of terrific velocity. Several frame brooder houses were destroyed along with 1300 chickens and several tons of feed, a garage was collapsed, and several houses sustained minor damage. Fifty trees were uprooted on the farm. | | | | | | | | | |
| Craigsville, Nicholas County | 6 | 3:30 p.m. | ? | ? | 0 | 0 | 3 | 0 | Tornado |
| The greatest damage from what was termed a "freak" tornado resulted from a house trailer being overturned and carried 30 feet. A family 1/2 mile away heard the tornado coming and evacuated their front porch for the basement. The porch and part of their roof was blown away seconds later. Other minor damage to homes, awnings, gardens and crops also occurred. | | | | | | | | | |
| Martinsburg, Berkeley County | 11 | late a.m. | | | 0 | 0 | 3 | 0 | Windstorm |
| A violent isolated thunderstorm, accompanied by high winds, toppled trees, bent TV antennas, and disrupted electrical service (due to fallen limbs). The storm seemed to be centered in the northern and western portions of the County, with most of the damage due to fallen trees. In Martinsburg a car was damaged by a downed tree and several businesses sustained roof damage. | | | | | | | | | |
| Ripley, Jackson County | 12 | 8:30 p.m. | | | 0 | 0 | 4 | ? | Windstorm |
| Extensive damage to houses, mobile homes, farm crops and trees was caused by strong winds and torrential rains in this area. | | | | | | | | | |
| Clarkburg, Harrison County | 21 | 2 a.m. | | | 0 | 0 | 4 | 0 | Lightning |
| Lightning from a severe thunderstorm struck the roof of a wholesale company on Route 19, south of Clarkburg. Lightning struck several trees on Route 50 west of Clarkburg, and caused traffic to stall. The tower on a church was struck between 1:30 and 2 p.m. by lightning from another thunderstorm. Lightning struck the church in the same place ten years ago. | | | | | | | | | |
| Elkhorn, McDowell County | 22 | 6 p.m. | | | 0 | 0 | 5 | 0 | Flash Flood |
| A cloudburst caused flooding along the Elkhorn River and tributary creeks which drove trenches through yards, flooded homes, and brought gigantic boulders down from the mountainsides where strip mining had been in progress. Damages were estimated at \$70,000 in Elkhorn and \$35,000 in Powhatan. Artuckle Creek, in the Oak Hill area of Fayette County also overflowed and flooded many homes and cars. | | | | | | | | | |
| Spencer, Roane County | 28 | 1 a.m. | | | 0 | 0 | 5 | 0 | Flash Flood |
| An early morning cloudburst caused over 100 families to evacuate their homes when the Spring Creek overflowed. The suburb of Alford had 6 feet of water in places. | | | | | | | | | |
| Wisconsin | | | | | | | | | |
| Waupaca County | 2 | 4:00 p | 5 | 100 | 0 | 0 | 4 | 0 | Tornado |
| Tornado moving from the northwest did extensive damage to buildings on Howard Winkler farm between Manawa and Big Falls. Also damage to utility wires along Highway 22 near Syms. | | | | | | | | | |
| Kewaunee County | 2 | 4:30 p | 5 | 100 | 0 | 0 | 4 | 0 | Tornado |
| Tornado moving from northwest damaged several farms along path from 3 miles southwest of Luxemburg through the Ellisville area. | | | | | | | | | |
| Kewaunee County | 2 | 4:30 p | | | 0 | 0 | 5 | | Hail, wind |
| Severe hail and erosion damage to 15,000 acres of cropland along the tornado path outlined above causes estimated \$250,000 losses to 75 farmers. | | | | | | | | | |
| Grant County | 2 | pm | | | 0 | 0 | 0 | 0 | Hail |
| Hail 3 inches in diameter on south edge of Platteville. | | | | | | | | | |
| Eastern Counties | 4 | 5-6 p | | | 4 | 0 | 0 | 0 | Wind, hail |
| Strong winds in thunderstorms gusting at 70 mph in Manitowoc area did scattered tree and roof damage in area. Hail 1-3/4 inches in diameter 1/8 Green Bay. Also scattered hail and wind damage in Marinette and Door counties and in Waukesha county in the southeast. | | | | | | | | | |
| Door County | 11 | pm | | | 0 | 0 | 5 | | Hail |
| Hail damaged extensively orchards on Door Peninsula with areas around Fish Creek and Egg Harbor hardest hit. An estimated 1/3 of a short cherry crop destroyed. | | | | | | | | | |
| Waukesha County | 11 | 12:30 p | | | 0 | 0 | 4 | | Hail |
| 1-3/4 inch hail near Dousman. | | | | | | | | | |
| Pierce County | 13 | 1 p | | | | | 3 | 0 | Lightning |
| Lightning damaged home near Ellsworth. Three head of cattle also killed by lightning on farm near Ellsworth. | | | | | | | | | |
| Wisconsin (continued) | | | | | | | | | |
| Western Counties | 13-14 | | | | | | 5 | 0 | Wind, rain, lightning |
| Thunderstorms moving south-southwestward across western portions of state did scattered wind damage and set numerous lightning fires mostly during the morning hours of July 14. Heavy rain did scattered damage but generally the moisture was most welcome. | | | | | | | | | |
| Northwestern Counties | 15 | am - pm | | | | | 4 | 0 | Rain, wind, lightning |
| Thunderstorms moving northeastward across northeastern counties during the forenoon and again in the evening caused scattered rain, wind and lightning damage. Extensive flooding occurred around Park Falls as more than 5 inches of rain fell in two showers. County church 8 W Gilman in Taylor county razed by lightning fire. | | | | | | | | | |
| Barron County | 15 | 10:50 a | 8 | 50 | 0 | 4 | 4 | 0 | Tornado |
| Small tornado moving northeastward destroyed trailer injuring four and ripped roof off nearby farm building to the west of Almena. | | | | | | | | | |
| Pierce County | 15 | 7:30 p | 1 | 50 | 0 | 0 | 3 | 0 | Tornado |
| Small tornado moving northeast touched down briefly 8 NE Prescott. | | | | | | | | | |
| Southern Counties | 16 | 10a - 2p | | | | | 4 | 0 | Lightning, wind |
| Severe thunderstorms moving eastward across southern Wisconsin. House destroyed by lightning fire at Bosobel. Wind threw house-trailer against new home at East Troy with additional damage in Walworth, Racine and Milwaukee counties. | | | | | | | | | |
| Walworth County | 17 | p | | | | | 4 | 0 | Rain, wind |
| Heavy rains in Lake Geneva and Delavan areas caused extensive flooding of basements. Many trees downed by strong winds in the storm. | | | | | | | | | |
| Central and southern counties | 23 | 6 - 9a | | | | | 4 | 0 | Wind, hail |
| Early morning squall line with locally strong winds and heavy rains and small hail did scattered damage across state. | | | | | | | | | |
| Polk County | 26 | 8p | 7 | 50 | 0 | 0 | 4 | 0 | Tornado |
| Small tornado moving northeastward crossed the St. Croix River from Minnesota just north of St. Croix Falls. Tornado lifted after touching the southwest corner of Centuria. | | | | | | | | | |
| Southeastern counties | 26 | pm | | | 0 | 0 | 4 | 0 | Rain |
| Heavy rains cause extensive flooding of basements in portions of Walworth, Racine and Kenosha counties. | | | | | | | | | |
| State | 27 | 10a - 3p | | | 0 | 0 | 0 | 0 | Funnel clouds |
| Numerous funnel clouds aloft reported from around the state. | | | | | | | | | |
| Wyoming | | | | | | | | | |
| Alva 18 NE | 7 | 4:10 p. | | | | | | | Funnel aloft |
| Funnel aloft reported by public. | | | | | | | | | |
| Casper | 16 | 7:38 p. | | | | | | | Funnel aloft |
| Weather Bureau employee observed funnel aloft until 7:44 p. in vicinity of east end of Casper Mountain. | | | | | | | | | |
| Yoder | 23 | 7:50 p. | ? | ? | 0 | 0 | 0 | 4 | Tornado and hail |
| Hail up to 1 1/2 inch and a tornado did crop damage from Yoder eastward for about 10 miles. | | | | | | | | | |
| Burns | 31 | 3:00 p. | | | 0 | 0 | 0 | 4 | Hail |
| A few sections just north of Burns received one-inch hail which damaged unharvested small grains and hay. Some buildings, trees and motor vehicles were damaged. | | | | | | | | | |
| Lusk 5 S | 31 | 3:00 p. | | | 0 | 0 | 0 | 4 | Hail |
| Hail up to 1 1/2 inch damaged unharvested small grains and hay. | | | | | | | | | |
| Louisiana | | | | | | | | | |
| Pointe Coupee Parish | 1 | 5:30 p. | | | 0 | 0 | 4 | 0 | Lightning |
| Lightning struck home at Tarbert, which burned to ground. | | | | | | | | | |
| Lake Pontchartrain | 6 | 12:35 p. | | | | | | | Waterspout |
| Sighted 11 miles north-northeast of Moisant International Airport. | | | | | | | | | |
| Lafayette Parish | 10 | 12:40 p. | | | 0 | 0 | 0 | 0 | Tornado |
| Small tornado touched open ground briefly 2 miles west of Lafayette airport. Debris in air briefly, then funnel reeled into clouds. No significant damage. | | | | | | | | | |
| Calcasieu Parish | 11 | 4:15 p. | | | | | | | Funnel cloud |
| Sighted by City Police over Lake Charles, did not touch down. | | | | | | | | | |
| Calcasieu Parish | 12 | 11:28 a. | | | | | | | Funnel clouds (2) |
| Funnel cloud sighted estimated 10 miles southeast of WBO, Lake Charles, dissipated by 11:45 a. Sulphur police sighted funnel 6 miles south-southeast of airport about 11:44 a. | | | | | | | | | |

See reference notes at end of table.

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| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Louisiana (continued) | | | | | | | | | |
| St. Tammany Parish | 14 | 1:20 p. | | | 0 | 0 | 3 | 0 | Wind |
| | | | | | | | | | Strong winds, possibly small twister, touched down at Pearl River. Large oak tree split in two, pear tree twisted down, tree limbs broken off along many streets. |
| Jefferson, Plaquemine, Lafourche, Terrebonne, St. Mary Parishes | 14 | afternoon | | | 0 | 1 | 5 | ? | Wind, tornado |
| | | | | | | | | | Extensive thunderstorm activity throughout this area. Small tornado tore out one wall and roof of motel, demolished two trailers and damaged several others, bent signs, uprooted trees, and downed powerline at Grand Isle (Jefferson) about 4:30 p. Young girl slight injury. Light damage from strong winds, possibly small twisters, reported at Chauvin and Montegut (Terrebonne) with power and phone lines down. Near Joselit Bend (Plaquemine) two mobile homes overturned about 3:45 p. Plate glass windows broken, TV antennas knocked down at Franklin (St. Mary) during evening, and minor wind damage at Thibodaux (Lafourche) about 4:15 p. |
| Jefferson Davis Parish | 14 | 6:45 p. | | | 0 | 0 | 3 | 0 | Tornado |
| | | | | | | | | | Small tornado touched down briefly, uprooted large oak tree, and damaged farm buildings 9 miles north of Iowa. |
| East Feliciana Parish | 14 | 6:45 p. | 1/2 | narrow | 0 | 0 | 3 | 0 | Tornado |
| | | | | | | | | | Sheriff at Clinton reported trees down and minor damage to houses. |
| Calcasieu Parish | 14 | 7:15 p. | | | 0 | 0 | 3 | 0 | Wind, Funnel cloud |
| | | | | | | | | | High winds, estimated up to 65 mph, struck Lake Charles. Several reports of funnel cloud sightings near crowd of 12,000 gathered at football stadium. Some roofs damaged, TV antennas and trees knocked down. |
| East Baton Rouge, St. Helena, Livingston Ascension Parishes | 14 | 7-8 p. | | | 0 | 0 | 4 | 0 | Wind, lightning |
| | | | | | | | | | Brilliant lightning display. Many areas of Baton Rouge and adjacent Parishes lost electrical service after limbs fell on lines or electric substation transformers damaged. Lightning destroyed small storage shed in south Baton Rouge. |
| Acadia Parish | 15 | 2:00 p. | | | 0 | 1 | ? | ? | Lightning |
| | | | | | | | | | Young man thrown from tractor, in Midland community, by lightning bolt which struck tractor or ground nearby. |
| Vermilion Parish | 15 | 2:25 p. | | | 0 | 0 | ? | ? | Hail |
| | | | | | | | | | Hail 1 3/4 inches in diameter reported 20 miles west-southwest of Lafayette. |
| Calcasieu Parish | 15 | 3:00 p. | | | | | | | Funnel cloud |
| | | | | | | | | | Sighted 10 miles west of WBO, Lake Charles. |
| Jefferson Davis Parish | 18 | 5:55 p. | | | 1 | 1 | 0 | ? | Lightning |
| | | | | | | | | | One man killed, another injured when lightning struck tree under which they were working, near Thonwell, west of Lake Arthur. |
| Jefferson Parish | 19 | 3:30 p. | | | | | | | Waterspouts (2) |
| | | | | | | | | | Sighted off Grand Isle. |
| Orleans Parish | 20 | 8:36 a. | | | | | | | Funnel cloud |
| | | | | | | | | | Sighted over New Orleans. Dissipated by 8:44 a. |
| Vermilion Parish | 20 | 1:10 p. | | | | | | | Funnel clouds (4) |
| | | | | | | | | | Three funnels sighted 15 miles south-southwest of Lafayette, another 10 miles south. |
| Orleans Parish | 22 | 2:45 p. | | | | | | | Funnel clouds (3) |
| | | | | | | | | | Sighted from helicopter 15 miles east of New Orleans Lakefront Airport. |
| Rapides, Grant, Allen, LaSalle, Evangeline, Avoyelles, Catahoula, Concordia Parishes | 22-24 | | | | 1 | 0 | 5 | 6 | Heavy rains, flooding |
| | | | | | | | | | Excessive rainfall associated with heavy thunderstorms fell in some portions of these Parishes almost daily beginning July 18 and extending through July 24. Daily totals at official stations ranged up to 8.74 inches at Book on the 19 th ; 7.95 at Alexandria (Power Plant) 23d; Belah Fire Tower, 7.10, 23d; Woodworth State Forest, 6.71, 23d. Unofficial reports from Concordia Parish indicated up to 21 inches between July 19 and July 29 in the New Era area. Sections of Alexandria-Pineville were inundated on the 22d, closing roads, and causing extensive damage to homes and businesses. An estimated 10-15,000 acres of soybeans were destroyed in Concordia Parish by waters which stood several feet deep for several days in the fields. Extensive acreages of crops in other Parishes were also destroyed or heavily damaged. Casualty from drowning in Alexandria. |
| Union Parish | 24 | 7:00 p. | | | | | | | Funnel cloud |
| | | | | | | | | | Sighted 6 miles south of Farmerville. |
| Morehouse Parish | 25 | morning | | | 0 | 0 | 4 | 0 | Lightning |
| | | | | | | | | | Store building virtually destroyed at Easttop by lightning strike. |

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| | | | | | KILLED | INJURED | PROPERTY | CROPS | |
| Louisiana (continued) | | | | | | | | | |
| Tangipahoa Parish | 27 | afternoon | | | 1 | 0 | | | Lightning |
| | | | | | | | | | Wilmer man struck by lightning some time after leaving home between 3 and 4 p. Found morning of 28 th . |
| Tangipahoa Parish | 28 | afternoon | | | 0 | 0 | 4 | ? | Wind |
| | | | | | | | | | Two light airplanes destroyed when flipped over by wind at the Hammond Airport. Numerous trees reported blown down east and north of Hammond. |
| Lake Borgne | 30 | 2:15 p. | | | | | | | Waterspout |
| | | | | | | | | | Brief waterspout reported 30 miles east-northeast of Molsant International Airport. |
| Terrebonne Parish | 31 | 10:28 a. | | | | | | | Funnel cloud |
| | | | | | | | | | Sighted near Houma. Didnot touch down. |
| Lake Borgne | 31 | 12:39 p. | | | | | | | Waterspout |
| | | | | | | | | | Sighted 29 miles east of New Orleans Lakefront Airport. |

o Includes crop damage.

c Crop damage.

* Miles instead of yards.

† 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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