

U. S. DEPARTMENT OF COMMERCE

Lewis L. Strauss, Secretary

WEATHER BUREAU

F. W. Reichelderfer, Chief

# STORM DATA

APRIL 1959

Volume I No. 4



ASHEVILLE: 1959

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>ALABAMA</b>										<b>ARKANSAS</b>										
Rockford, Coosa County	19	AM	--	--	0	1	2	0	Thunderstorm	Tumbling Shoals, Cleburne County	27	10:20 p.	--	--	0	0	0	0	Funnel aloft	
Mobile & Baldwin Counties	20	10:00 am	--	--	0	0	4	3	Thunderstorm & Hail	Choctaw, Van Buren County	27	9:00 p. to 10:30 p.	--	--	0	0	3	0	Wind	
Talladega County	28	6:30 pm	--	--	0	0	3	1	Tornado	Piggott, Clay County	28	Early morning	--	--	0	0	4	0	Wind	
Mobile County	29	3:30 pm	--	--	--	--	--	--	Funnel Cloud	<b>CALIFORNIA</b>										
A line of severe thunderstorms moved from Jackson County, Miss. eastward across Mobile County into southern Baldwin County. Hail as large as hen eggs reported near Daves. One inch hail and wind gusts to 60 mph recorded at Bates Field. Winds estimated to be 80 to 90 mph at Fairhope. Several houses damaged and numerous trees blown down, numerous boats damaged.										Central Great Valley and Sierra	25	Afternoon	--	--	--	--	4	6	Thunderstorms, hailstorms, heavy rain	
Funnel cloud reported to have dipped down momentarily from a thunderstorm moving across a rural area in the Plantersville Community. Four houses and several farm buildings damaged.										Scattered thunderstorms with locally heavy hail and rain. Lightning strikes disrupted electric power service in scattered areas of Sacramento and Amador Counties. A heavy hail storm along a path 1/2 mile wide, extending northward from near Tudor to two miles south of Marysville Airport, was reported to have caused a loss of about three-fourths of the plum, cling peach, and pear crop. The complete loss of a \$25,000 pear crop in one orchard was reported near Elk Grove from a heavy hail storm, with hailstones estimated 1/2 to 3/4 inch in diameter. Severe damage to cherries and pears was reported at Chicago Park, north of Colfax, and spotty hail damage occurred elsewhere in central area counties, with losses reported ranging from 5 to 15 percent. Severe local flooding from torrential rains occurred at Elk Grove, Lodi, and in the Mather Field and Carmichael areas east of Sacramento. Local flooding also occurred at Merced, Hillmar, and Stockton. Damage by hail about 95% of total, by rain 5%.										
Funnel cloud observed 8 miles ENE of Bates Field. Funnel cloud formed under a small cloud formation south of a parent thunderstorm and moved northward toward the parent cloud.										Burbank, Los Angeles County	26	10:47 a.	--	--	--	--	--	--	Funnel aloft	
<b>ALASKA</b>										<b>COLORADO</b>										
Cordova and Prince William Sound Area	7-9		250	*200			3		Windstorm	Eastern Colorado	2	Afternoon & evening	--	--	0	0	4		Gusty wind	
Strong winds, affecting the immediate coastal area from Cape Yakutatga through Prince William Sound, were the result of a rather intense low centered in the northern Gulf of Alaska from April 7 to early April 9. Although the strong winds developed over an extensive coastal area, damages realized were confined principally to the populated areas, particularly to the Cordova area. Major damages in the Cordova area consisted of (1) Utility damages, including power lines and the loss of one power generator at the power plant; (2) Damages to residences and office buildings, mostly to roofs. Damages were chargeable entirely to the windstorm, although some damages, such as the generator loss, may have been realized in a somewhat indirect manner from damaged transmission lines.										Eastern Colorado	7-11		--	--	4		5		Heavy snow and extreme cold	
Texarkana, Miller County										1	2:00 a. to 3:00 a.	--	--	0	0	4	0	0		Wind
Damage principally in the northern section of the city. Considerable damage to houses, plate glass windows, electric lines, and trees. Wind gusts to 65 mph recorded at Municipal Airport, 4 miles northeast of City.										Eastern Colorado	2	Afternoon & evening	--	--	0	0	4		Gusty wind	
Sebastian County to west of Cavanaugh Community	18	6:35 p.-6:45 p.		Short Narrow	0	0	0	0	Tornado	Eastern Colorado	7-11		--	--	4		5		Heavy snow and extreme cold	
Funnel cloud observed for about 12 minutes moving east-northeast. It was reported to have touched ground momentarily but no damage resulted.										Snow falling over a 4 day period accumulated to 20 - 30 inches some places directly east of the mountains. On the plains blizzard conditions closed schools, blocked roads and damaged power lines. Heavy wet snow melted rapidly at the start of the storm. A sharp drop in temperature and subsequent freezing caused glaze ice on streets and roads. Deaths attributed to the storm were: A Denver pedestrian struck by a car on icy streets; three from heart attacks while shoveling snow.										
Sebastian County	19	9:00 p. to 8:20 p.	4	*2	0	0	1	1	Hail	<b>CONNECTICUT</b>										
Hail to 1 1/2 inch in diameter reported in the area from the town of Midland westward to Sugar Leaf Lake, northward to beyond Montreal. Ground completely covered but damage negligible since area affected is heavily timbered. Some hail reported as far south as Hartford.										Danbury, Fairfield County	24	1 p.m.	1/4	10			4		Wind	
Franklin County	19	8:00 p. to 10:00 p.	18	*40	0	0	4	3	Wind, hail	Brief, strong wind of dust-devil characteristics caused extensive damage to each of three light aircraft at the Danbury airport in the southwest outskirts of the city. Aircraft tipped over by wind with damage resulting to wings, propellers and windows. Total loss estimated at \$15,000. Dust-devil continued southeast to factory parking lot and "bounced" several cars about before passing into wooded area and dissipating. One man in path of disturbance held onto tree as gust lifted him off his feet.										
The storm followed a 10 mile wide path from 5 miles west of Ozark, eastward to near the Johnson County line. \$10,000 in property damage was attributed to wind and \$8,000 to hail. All crop damage was due to hail.										<b>FLORIDA</b>										
Johnson County	19	7:00 p. to 9:00 p.			0	0	5	0	Hail	Quincy, Gadsden County	1	10:00PM	--	--	0	0	--	--	Wind	
There were several reports of heavy hail in Johnson County, extending from the northwest of Clarksville, eastward across the north edge of the city, thence to near the Pope County line. Stones up to 2 1/2 inches in diameter were reported with an average diameter of 1 1/2 inches in the storm areas. Principal damage was to the peach crop. Only a few orchards reported damage with losses varying from orchard to orchard. It is estimated that less than 2% of the counties' total peach acreage sustained damage. No monetary estimate of the loss is available.										String winds associated with a thunderstorm toppled one tobacco barn and damaged roofs of several others, uprooted trees, blew down power lines and ripped cheesecloth covering shade tobacco.										
Clay County	19	7:30 p.			0	0	5	4	Hail	Dade City, Pasco County	2	6:00 AM	--	--	0	1	5	--	Tornado	
Heavy hail reported over 100 square mile area from Corning to Piggott. Hail stones ranging up to 5 inches in diameter, with an average diameter of 1/4 inch, covered the ground to a depth of two inches. Principal damage was in the Black and St. Francis River bottoms and on Crowley's Ridge.										Tornado left no continuous path of destruction as it moved generally ENE lifting and lowering along a path 8-10 miles long. According to Red Cross Disaster Service 10 buildings were destroyed, 28 suffered major damage and 60 buildings sustained minor damage. Tornado moved across northern sections of city missing the business district.										
Clio, Van Buren County	27	10:00 p.	1	100	0	0	4	0	Tornado, wind											
Storm moved from west to east across the northern part of the town. There was extensive damage to roofs, porches, windows, and power lines.																				

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>FLORIDA</b>									
Orlando, Orange County	2	7:30 AM	10	100	1	9	5	-	Tornado.
									Tornado moved <del>ENE</del> lifting and lowering along path but did its greatest damage in Asalea Park in east Orlando. Red Cross Disaster Service lists 9 homes destroyed, 30 suffered major damage, and 39 sustained minor damage. Many trees were uprooted or broken off along tornado path.
Mims, Brevard County	2	8:15 AM	1	100	0	1	4	-	Tornado.
									Tornado moved northeastward. Red Cross Disaster Service lists 2 homes destroyed, 5 homes and 1 other building suffered major damage and 2 homes sustained minor damage. Eye-witnesses described tornado as a firey cloud with very black stem trailing behind.
Wildwood, Sumter County	20	8:30 PM	-	-	0	0	3	-	Wind.
									Very strong wind associated with thunderstorm, damaged several houses, uprooted a number of trees and bent numerous TV antennas.
Pinellas County	21	11:40 AM	-	-	0	0	3	-	Wind.
									Strong, gusty winds associated with thunderstorm damaged roofs of a number of houses in the Belleair Beach-Indian Rock Beach-Largo section of county. Numerous trees uprooted or broken off in the area.
Tallahassee, Leon County	21	12:15 PM	-	-	0	0	-	-	Funnel Cloud.
									Funnel cloud reported by pilot about 10 miles north of Tallahassee.
<b>GEORGIA</b>									
Hartford, Pulaski County	1	After-noon	Short	Narrow			3		Tornado
									Small tornado heavily damaged lumber company facilities. Witness reported observing funnel shaped cloud approaching.
Southwest	1	7-8 p.	60	3-4	0	1	5	0	Wind and rain
									Severe windstorm moved from southwest to northeast across parts of 5 southwest Georgia counties, causing widespread damage to roofs of residences, barns and other farm buildings, trees, utility lines, farm equipment and TV antennas. First damage noted in southeast Decatur County near Stapuligus. Storm moved through Grady, northeast Thomas, southeast Mitchell and Colquitt Counties, causing heaviest damage in communities of Maigs, Ochlocknee, Woodland and Coolidge. Child injured slightly at Maigs when struck by brick from a toppling chimney. Some livestock killed in collapsed barns. Indications of tornado activity along some parts of storm path, but this not confirmed by any witnesses.
Elberta, Houston County	19	3:00 p.	Short	Narrow			4	4	Tornado and hail.
									Heavily damaged several homes, demolished one house trailer and overturned another. Several automobiles damaged and telephones and power lines knocked down. Most of crop damage was due to hail that accompanied storm. Young peaches damaged in several orchards and grain fields flattened. Storm moved northeastward.
Twiggs County between Dry Branch and Gordon	19	4:05 p.	7	3-4		2	4	4	Tornado and hail
									Several residences and barns heavily damaged or destroyed. Two people slightly hurt in house that was demolished. Storm dipped down in two areas along path, with heaviest damage along 1 mile path. Some livestock killed. One-half inch hail over area of 3 mile radius caused damage to grain and young peaches. Utility lines downed and automobiles damaged. Storm moved northeastward and could have been same as storm that struck an hour earlier in Houston County.
South	29	After-noon					4	5	Hail, wind and rain
									At least 16 south Georgia counties hit by hail with size ranging from 1/4 inch to 1 1/2 inches in diameter. Heaviest hit areas were in Crisp, Irwin, Coffee and Lowndes Counties. Young tobacco, cotton, peanuts and truck crops were heavily damaged as hail accumulated to depths of 4 inches in some areas. High winds and locally heavy rains caused mostly minor damage.
<b>IDAHO</b>									
Lewiston	5	Night					4		Wind
									Fire broke out about 6 P. M. in a quarter-mile pile of logs near a pulp mill. Strong winds drove the fire through the center of the pile, defying efforts of fire-fighters. Continuing through the night, the fire destroyed 10,000 logs (an estimated 3 million board feet), enough for about 3,000 tons of pulp.
Idaho Falls (near)	15	Forenoon					1	3	Dust-storm
									On U. S. Highway 91, in the Ogopod area, reduced visibility caused a series of collisions, involving a half-dozen cars.
<b>INDIANA</b>									
Washington, Daviess County	1	4:30 p.	-	-	0	0	4	0	Tornado
									A small tornado damaged farm buildings north of Washington. A garage was lifted leaving a car undisturbed. A barn was demolished and the roof of a dwelling was damaged. Minor losses from winds were reported at other spots in the area.
Spencer, Owen County	1	5 p.	-	-	0	0	3	0	Tornado
									Small tornado damaged two homes south of Spencer. A fairly heavy rain accompanied the high winds.
Stanford, Monroe County	1	5:20 p.	-	-	0	0	4	0	Wind
									Severe winds tore the roof of a home smashed the walls of a service station and garage near Stanford on highway 45. Some trees and antennas were blown down. Damage was minor to several houses.
Gary, Lake County	27	-	-	-	0	0	5	0	Lightning
									Lightning and resulting fire destroyed a church.
Shelbyville, Shelby County	28	a.m.	-	-	0	0	4	0	Wind
									A housetrailer was wrecked, large window was broken and a number of trees were blown down.
Plymouth, Marshall County	29	2:45 p. E.S.T.	-	150	0	1	4	0	Wind
									Small barn was blown down northeast of Plymouth. In north and northwest part of Plymouth three buildings were damaged extensively. Several cars were damaged and a man was hospitalized as the result of injuries.
North Webster, Kosciusko County	29	3 p.	-	-	0	0	3	0	Wind
									The roof was torn from a store building.
Silver Lake, Kosciusko County	29	3:15 p.	-	-	0	0	3	0	Wind
									A 24-by-40 foot implement shed was blown 300 feet from its foundation at a farm 2.5 miles north of Silver Lake.
DeKalb County	29	after-noon	7	1800	0	0	4	0	Wind
									Heaviest damage was reported in an area starting southwest of Ashley and extending eastward. The high wind also swept through a section about 5 miles southeast of Auburn. Several barns were damaged and more than 22 farmers reported some property damage from the winds in the County.
<b>IOWA</b>									
Central portion	19-20						4	1	Snow
									Unusually heavy, wet, and clinging late season snowfall caused considerable damage to trees and powerlines over about central third of state. Heaviest falls 6 inches or more in 24 hours in belt about 50 miles wide extending from Cherokee to Grinnell in which it was one of the greatest April 24-hour snowfalls of record as well as so late in the season. Snow was contributory in several traffic accidents.
Cass to Jasper Counties	27						3	1	Thunderstorm and Hail
									Thunderstorms and heavy rainfall in southern and eastern Iowa with hail occurring primarily in the area from Cass to Jasper Counties. Small hail stones were reported accumulating to depths up to 3 inches on highway U. S. 71 northeast of Atlantic, hail an inch deep was reported in the Beaverdale area (NW Des Moines), and hailstones and wind caused some roof damage and broken windows at Colfax. Some damage from lightning strikes.
<b>KANSAS</b>									
Marshall County	7						3		Lightning
									Lightning struck and killed 6 steers feeding at a small stack of hay on the Edwards Ranch.
Anderson County	7	3 pm					1		Lightning
									Lightning caused the death of a man riding a tractor northwest of Colony.
Central and north-eastern Counties	12	1 am-2pm					3		Heavy Snow
									Heavy wet snow that began shortly after midnight had accumulated sufficiently by morning to cause traffic tie-ups at a number of places where the falls were greatest. Near Wilson in Russell Co. many motorists were halted on Highway #40. Near Cottonwood Falls where snow depths reached 10 inches, tree limbs and telephone lines were broken and traffic halted. Near Troy in Nemphaw Co. an auto skidded on the slippery highway with damage to the car.

ILLINOIS: See end of table for Illinois data.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS		
<b>KANSAS</b>										
Central Counties	16	Afternoon and Evening				1				
			Thunderstorms over the area from Ford to Geary County caused local damage from hail, severe winds and lightning. Hail in eastern Ford county caused minor damage from stones as large as golf balls. Near Hesel in Pawnee Co. hailstones, some as large as golf balls fell for 15 minutes with high wind, shattering windows at several farm homes. In eastern Edwards Co. severe wind about 6:30 pm damaged a number of farm buildings, power and telephone lines. Near Lyons in Rice Co. the ground was white with hail and buds were knocked from peach plants. Hail was still in evidence the next morning. Lightning caused minor damages at Great Bend at 7:25 pm. Near Russell a man was knocked unconscious at 10:10 pm; slight damage resulted from a lightning strike at a house in Junction City at 10:30 pm; and the control tower at Schilling Airforce Base was out of service for 30 minutes when lightning hit.							
Wilson County	17	Afternoon				1	3			
			Lightning struck a farm house 6 miles east of Hodsaha, a man was slightly injured. House and contents were partially damaged.							
Sedgwick County	18	8am and 8:10 am					2			
			Two homes in West Wichita were struck by lightning about the same time with some damage to wiring and so walls.							
Johnson County	27	3:10pm-3:25pm							Hail	
			Hail ranging in size from 1/4 inch to 1/2 inches fell for 15 minutes over the eastern part of Shawnee. Awnings, screens, windows and roofs received some damage.							
Seward County	27	4:12 pm					3		High wind and some hail.	
			A cold northwest wind of 75 MPH hit Liberal and community with considerable force causing stubble and tumble weeds to be blown from fields and lodged in telephone wires, carrying blinding dust that reduced visibility to almost zero for a few minutes and did considerable damage to buildings and trailers in and near town. Wheat was damaged both by erosion and by hail locally. Several buildings in Liberal had roofs torn off or walls blown in. A house trailer was blown from the road 1/2 miles east of Liberal. No injuries were reported.							
<b>KENTUCKY</b>										
Fulton County	19	11:15p.m.					3	3	Hail	
			A hailstorm accompanied by heavy rain and strong winds struck the city of Fulton and surrounding area. The average size of the stones was 3/4 to 1 inch in diameter with the largest stones about 2 inches. Considerable glass breakage was reported.							
Christian County	20	1:00 a.m.					3	3	Hail	
			The average size of the hailstones was reported as 1 inch in diameter. The area affected was the city of Hopkinsville and surrounding area.							
Whitley and Knox Counties	28	11:30a.m.					3	3	Hail	
			A hailstorm accompanied by heavy rain and strong winds struck the city of Corbin and surrounding area. Hailstones damaged homes, automobiles, and small crops. Minor damage was caused by the wind and rain. Average size of stones was reported as about 2 inches with the diameter of the largest stones as about 3 1/2 inches.							
<b>LOUISIANA</b>										
Flaquemine Parish Venice	1	9:30 AM					4		Windstorm	
			Unroofed warehouse, blew small boats about.							
Caddo Parish Shreveport	1	2 AM					4		Windstorm	
			High winds, rain and hail caused much damage western part city, windows smashed, power lines down, unroofed warehouses, blow down fences.							
Webster Parish Minden	17	6 PM					3		Tornado	
			Dipped momentarily down and unroofed cafe and blew down trees, then lifted.							
East Feliciana Clinton (nr)	18	5:45 PM					4		Windstorm	
			Lots of trees unroofed.							
Bienville Parish Castor	18	5:10 PM					4		Strong winds, heavy rains and small hail	
DeSoto Parish Mansfield	19	3:40 AM					4		Windstorm	
			Trees unroofed, homes unroofed.							
DeSoto Parish Logansport	19	1:45 PM					4		Wind and hail	
			Winds estimated 50 m.p.h. from NW, hail up to 3/4 inch in size.							
Winn-Bienville Parish 14 W. Winnfield to Friendship (nr)	19	5:25-5:40 P	16	100			4		Tornado	
			Trees down in National Forest and over thinly settled forest land as moved northward.							
Ouachita Parish Monroe	20	7:20 P							Funnel aloft	
<b>LOUISIANA (continued)</b>										
Ouachita Parish Monroe and West Monroe	20	9:15-9:45 PM						5		Windstorm and heavy rain
			Disrupted power and communications lines, unroofed trees, smashed windows, unroofed buildings and flooded streets.							
Bienville-Webster parishes at Heflin and to SW	21	12:45-1:00 AM	15	35			1	4		Tornado
			Began in Bienville parish and moved on skipping path NE to Heflin in Webster parish; greatest damage in Heflin where school gym unroofed and school damaged; 3 outbuildings destroyed, 14 homes and buildings major damage and 16 minor damage.							
<b>MARYLAND</b>										
1 1/2 miles NE of Glen Burnie, Anne Arundel County	25	2:00 p.	250	5	0	0	2			Dust devil
			A severe whirlwind struck several homes northeast of Glen Burnie and picked up garbage cans, lawn furniture and other objects scattering them around. It struck the garage of Oscar Bayly, 928 Rose Ann Road and caused minor damage. One window on the east side was broken out. A window on the west side was pulled out of its frame and smashed on the roof of the garage. About 100 square feet of roofing was ripped off the east side of the garage roof. Several panes of glass were carried about 25 feet and smashed under a clothes line. The whirlwind then traveled about 250 yards northward over open ground until it struck a playhouse which was picked up and crashed on the ground nearby.							
<b>MASSACHUSETTS</b>										
South Sudbury	1	12:15 P.M.		1	0	0	0	0		Dust Devil
			Knocked a small child down, without injury, and picked up gravel.							
Walsham	22				0	0	0	0		Dust Devil
			Picked up oil drums, one to 20 ft. height, in Winter Street area, then moved onto Totens Pond where it spun a boat like a top.							
Marlboro	25				0	0	0	0		Dust Devil
			Tore shovels from hands of gardeners and slammed loose objects against houses.							
<b>MICHIGAN</b>										
Dearfield, Lemay County	25	unknown				1	2			Thunderstorm
			One man struck by lightning while plowing on his farm. (still in coma and in poor condition at the time of this report, three weeks later)							
<b>MINNESOTA</b>										
Southwest half	5-6	AM-PM						4		Dust storms
			Strong gusty winds with speeds as high as 45 to 60 mph caused considerable blowing dust and soil erosion.							
St. Peter 20NW, Nicollet County	10	1:30P.								Funnel cloud
			Funnel cloud aloft sighted.							
Redwood Falls 16W, Redwood County	10	2:00P.								Funnel cloud
			Small funnel cloud observed to touch ground briefly.							
Fairfax 5E, Renville County	10	2:30P.								Funnel cloud
			Funnel cloud aloft sighted.							
Minneapolis, Hennepin County	10	PM								Dust devil
			Dust devil estimated to be 300 feet high sighted near Wold-Chamberlain Airport.							
South half	28	PM						4		Dust storm
			Winds up to 45 mph caused considerable blowing dust reducing visibility at times to less than 1 mile in some areas. Pilot reports indicated dust as high as 10,000 feet. At Minneapolis the light exposure reading at 57 was 96 foot-candles, normal reading is 250 foot-candles. Many urban lawns covered and ruined by accumulation of dust and sand.							
<b>MISSISSIPPI</b>										
Issaquena-Sharkey Co. northern edge	20	5 pm						8500		Tornado
			Moved northeastward; destroyed 1 home, seriously damaged 4 and caused minor damage to 13.							
Sunflower Co.	20	6:15 p								Funnel aloft
			1 mile SE Moorhead.							
Sunflower Co.	20	6:15 p.								Funnel aloft
			Only a few miles east of one reported above as 1 SE Moorhead.							
Holmes Co., Tensas (nr)	20	6:15 p								Funnel aloft
Jackson Co., Wade	20	9-9:30A						4		Wind and hail
			Heavily damaged school building and destroyed walls of new building under construction, domed trees and power lines.							
George Co., Lucedale	29	3 pm						4		Wind and hail
			Hail up to 1 inch in diameter caused considerable damage.							

See reference notes at end of table.

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					KILLED	INURED	PROPERTY	CROPS							KILLED	INURED	PROPERTY	CROPS	
MISSOURI Eldon area, Miller County	2	Late eve					3		Thunderstorm	MONTANA South Central Montana from Harlowton to Red Lodge and Big Timber to Billings	15-16	Evening to next forenoon	100	*75			5		Heavy Snow
California-Otterville area, Moniteau County	2	10:10 p.					4		Thunderstorm										Heavy wet snow began the evening of the 15th and ended the morning of the 16th. Ice and snow accumulated up to 1 to 2 inches in diameter on telephone and power lines. There were 275 telephone poles down, 400 cross arms broken, and 2500 breaks in telephone wires. About 7% of the damage was from strong wind.
St. Joseph-Fillmore area, Buchanan-Andrews Counties	2	7:20 p.					4		Thunderstorm	Billings	26	7:34 p.m.	5	*2			1		Hail
																			Some hailstones were 5/8 to 3/4 inch in diameter. Average diameter 1/4 inch.
Moberly-Hellsville-Montgomery City area, Randolph-Montgomery Counties	17	6:30 p.					4		Thunderstorm	NEBRASKA Near Trenton	2	unknown	spot	spot			3		Wind squall
																			Electric pole blown over, live wires started fire which burned 100 acres pasture and some stubble
Sebaca area, Newton County	17	7:16 p.							Funnel aloft	Nebraska City	2	night	spot	spot			4		Wind squall
Lockwood area, Dade County	17	8:30 p.							Funnel aloft	Near Grant (airport)	4	8:30p.	spot	spot			3		Wind squall possibly small tornado
Stotts City area, Lawrence County	18	3:15 p.							Funnel aloft	Near Hyannis to Holt County	6	afternoon	100	spotted			3	3	Lightning
Halltown area, Lawrence County	18	3:30 p.							Thunderstorm	Battle Creek and vicinity	6	evening	few sq. mi.				3		Wind squall
Kennett-Hayti area, Pemisacot-Dunklin County	19	8:30 p., 9:00 p.	20-25	*2-5			5	4	Thunderstorms	Ida.	6	10 p.m.	spot	spot			3		Lightning
																			Storehouse burned, some tools destroyed
Mathews area, New Madrid County	19	10:00 p.					4		Thunderstorm	2 mi. W. of Farwell	6	10:30p.	spot	spot			3		Lightning
																			Large barn burned, all contents lost
Fair Grove-Niangua-Jerkfall area, Greene-Webster Counties	19	late afternoon	60	*2			4		Thunderstorm	16 mi. N. of Curtis	18	10 p.m.	spot	spot			3		Lightning
																			Barn and contents burned
Jehsana-Pettis Counties	19	6:30 p., 7:00 p.							Thunderstorm	South of Sidney	28	unknown	small area				3		Wind squall
																			30 x 60 ft. barn destroyed when being moved.
Versailles area, Howard County	19	6:00 p.							Thunderstorm	NEW MEXICO Hobbs	7	2:30 p.	1/8	narrow			3		Tornado
																			Evidence of tornado although no funnel cloud sighted. Three small buildings and an office and shop under construction were blown down about 2 miles north of Hobbs.
Glasgow area, Howard County	27	6:20 p.							Funnel aloft	NEW JERSEY Statewide	1	Early morning			2				Dense Fog
Sullivan area (15 W), Franklin County	27	10:10 p.							Funnel aloft										Dense fog over most of state during nighttime hours of March 31-April 1.
Bates City-Odesa area, Lafayette County	27	4:00 p., 5:15 p.	20-25	*5			4		Thunderstorm	Camden County	28	2 p.m.				1	3		Wind and rain
																			High winds damaged uncompleted roof of a church in Blackwood, with falling debris injuring one woman. Wind caused about 80% of property damage, rain responsible for 10% of damage.
Sikeston area, Scott County	27	late eve.					4		Thunderstorm	NORTH CAROLINA Beaufort, Caswell, Pitt, Sampson and Wilson Counties	2	8 a.m.-6 p.m.					5		Windstorms
																			Thunderstorms in connection with both a pre-frontal squall line and an active cold front caused scattered damage in various sections of eastern North Carolina. Several outbuildings demolished, roofs damaged, one house trailer overturned. Radio station meteorologist in Beaufort County reported winds to 80 miles per hour, called storm a straight-line wind squall.
Kansas City area, (10 SSW), Jackson County	27	3:00 p., 3:30 p.							Thunderstorm	Gaston County	10	Unknown					3		Wind
																			Newspaper reports large sheet-metal garage blown 100 feet, demolished.
Marshall area, Saline County	27	5:50 p.							Funnel aloft	Rutherford County	27	Afternoon					3		Wind
																			Roofs damaged near Forest City
Marshall area, Saline County	27	6:00 p., 6:30 p.					4		Thunderstorm	Caswell, Person and Rockingham Counties	28	Afternoon					4	5	Hail, Wind, Rain
																			Hail up to an inch or more in diameter fell in considerable quantities over a large area, and winds were sufficient to blow down a few trees. Rain flooded some basements. Considerable hail damage to tobacco plant beds, shrubs, gardens and trees.
Lexington area, Lafayette County	27	late afternoon					2		Thunderstorm	Scotland County	29	7-8 p.m.					3	3	Hail, Wind
																			Damage to power and telephone lines from trees blown down and limbs dislodged; shrubs and gardens damaged by hail.
Dexter area, Stoddard County	27-28	11:45 p., 12:00 p.	1/2	50			4		Thunderstorm										

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
<b>OHIO</b>										
Bryan	29	5:45 PM	short	narrow	0	0	3	0	Possible tornado	
This localized storm struck on the west side of Bryan, where several large trees were blown down, and roofs, TV antennae, etc. were damaged. Possibility of its being a tornado is suggested by reports that the storm made a roaring sound like an approaching train.										
Pierpont	29	8:15 PM	short	narrow	0	0	3	0	Tornado	
This small tornado tipped a small wing off a rural residence, and toppled a nearby silo, as well as damaging trees.										
Strong, gusty winds prevailed most of this same day over the entire state, and minor damage was reported from most sections. Aside from the two localized storms mentioned above, the most spectacular incident was that of a school bus in Mercer county being blown over on its side by a particularly strong gust, injuring two children. At the Cleveland Hopkins Airport three light planes were badly damaged, two by breaking loose from their moorings, and the third while landing.										
<b>OKLAHOMA</b>										
Lindsay, 3 miles northeast, Garvin County	1	8:45 a.			1	1	4		Wind	
Strong winds caused an oil derrick with 10,000 feet of drill pipe to topple. One man was killed and another injured.										
Drummond, Garfield County	7	P.					1		Electrical	
Woman was injured while talking on the telephone when lightning struck the line.										
East-central Section of State	14								Freeze	
Light to moderate freeze damaged early truck garden crops in the eastern Arkansas River Valley. Up to 30% of the strawberry blooms were lost in Blair and surrounding counties as well as were early bean plantings lost.										
Leedey, Dewey County	16	6:30 p.	2	1320			3	5	Hail, rain	
Hail up to 1 inch in diameter covered the ground 2 inches deep 6 miles northeast of Leedey. Grain crops were a total loss in the area. There was also roof, window and siding damage to buildings. The storm moved northeastward.										
White Oak, Craig County	17	6:35 p.	1	300			3		Tornado	
Funnel was first observed over southeastern Nowata County moving eastward. It tipped to the ground momentarily at White Oak damaging two barns. Citizens of Vinita saw the funnel cross the south edge of town about tree-top height. One report indicated there was a second funnel that did not touch the ground.										
McMillian, Marshall County	17	7:45 p.							Funnel aloft, hail	
Funnel aloft was sighted near McMillian moving northeastward. Some 3/4 to 3/8 inch hail fell at spotted points in the central part of the county.										
Madill, Marshall County	17	8:45 p.							Funnel aloft	
Tornado spotters sighted funnel aloft moving northeastward southeast of Madill.										
Northern Cleveland County	18	4:00 a.					5		Electrical	
Lightning caused fire that destroyed an oil well rig.										
Oklahoma City, Oklahoma County	18	4:00 a.	7	#2			4		Hail	
Hail up to 1 1/2 inches in diameter fell across southern sections of Oklahoma City. Heaviest damage was to roofs in the area. Autos were also damaged.										
Kingston, Marshall County	18	4:30 a.							Funnel aloft	
Kingston residents witnessed funnel aloft north and east of that City.										
Chattanooga, Comanche County	18	4:30 p.	15	#4			4	6	Hail, rain, wind	
Heavy hail of up to one inch in diameter accumulated up to 12 to 14 inches deep in bar ditches. Four inches of moisture fell in 30 minutes. The area included southern Comanche, eastern Tillman and western Cotton Counties. Crops were a total loss. Strong winds caused damage to buildings on several farmsteads. Storm moved southeastward.										
Stillwater, 5 miles west, Payne County	18	4:35 p.							Unconfirmed tornado	
Tornado was reported to have touched ground momentarily 5 miles west of Stillwater. Evidently struck in open country as no further reports were received.										
Wakarusa, Wakarusa County	18	5:00 p.	8	#2			3	3	Funnel aloft, hail	
Hail up to 2 inches but mostly 1 inch in diameter damaged property and crops in the Boynton to Beland area. A funnel aloft was reported sighted over eastern Wakarusa.										
<b>OKLAHOMA</b>										
Hulen, Cotton County	18	6:00 p.	6	#1			4		Hail	
Hail up to one inch in diameter destroyed grain crops south and east of Hulen.										
Cookstown, Cotton County	18	6:00 p.	3	#1			3		Hail	
Hail up to 1 inch in diameter destroyed grain crops in an area 5 miles east and 3 miles south of Cookstown.										
Sand Springs, Tulsa County	18	6:25 p.							Funnel aloft	
Funnel was sighted aloft over Sand Springs.										
Tulsa, 8 miles south, Tulsa County	18	7:02 p.							Tornado	
Tornado was reported on the ground 8 miles south of Tulsa. Evidently touched down momentarily as no further information was obtainable.										
Vinita, Craig County	19	5:30 p.	10	#1 1/2			3	3	Hail	
Hail up to 1 1/2 inches in diameter covered the ground 2 to 3 inches deep in spots southeast of Vinita. Several autos were damaged as well as gardens, crops and buildings.										
Haskell County	19	P.							Hail	
Hail up to 1 1/2 inches in diameter caused damage to roofs and autos in the Garland, Tasha, Star area of northern Haskell County.										
Sallisaw, Sequoyah County	19	7:00 p.					1		Electrical	
Youth was killed by lightning while working in a metal barn near Sallisaw.										
Heavener, Le Flore County	20	1:15 p.					1		Electrical	
Lightning struck and killed a man while unloading a carload of sand. Man working beside him was knocked down.										
Eva, Texas County	27								Hail, wind	
Hail nearly covered the ground at Eva but full extent of the storm was not readily available. Strong winds caused considerable blowing dust through much of the Panhandle area.										
Bristow, Creek County	27	5:25 p.	10	#6			3	3	Hail	
Hail up to one inch in diameter accumulated up to 2 inches deep in the Bristow area. Roofs, windows, gardens and some cars were damaged. The storm moved southeastward.										
<b>PENNSYLVANIA</b>										
Granford & Mercer Counties	25	9PM to Midnight						4	Thunderstorms	
Lightning from the thunderstorms electrocuted 3 cows, set fire to a barn and knocked out electrical and telephone service in the area.										
<b>PUEERTO RICO</b>										
Metropolitan Area of San Juan (Santurce)	28	7 pm. to Midnight						5	Local Flooding	
Locally heavy rainfall in the metropolitan area of San Juan with 4.01 inches in less than 5 1/2 hours at the downtown Weather Bureau Office and with an unofficial total of more than 6 inches during the same period in Santurce taxed existing sewerage facilities in the Santurce section of San Juan and caused local flooding with the water entering into business establishments in a small area with resultant damage to merchandise on the floors.										
<b>SOUTH CAROLINA</b>										
Greenville, Greenville County	28	4:56 p.	2	-	0	0	0	0	1	Hail
Hail 3/4 inch in diameter.										
Spartanburg, Spartanburg County	28	5:00 p.	2	-	0	0	0	0	1	Windstorm
Wind gusts to 60 m.p.h. with hail 1/4 inch in diameter.										
North Augusta, Aiken County	29	3:18 p.	-	-	0	0	0	0	1	Hail
Some hail of 1 inch in diameter observed.										
Holly Hill, Orangeburg County	29	6:30 p.	-	-	0	0	0	0	1	Possible tornado
Funnel cloud observed, after which some trees were seen uprooted, with hail on ground.										
<b>SOUTH DAKOTA</b>										
Statewide	6,7	Daytime hours								Wind, blowing dust
The preceding drought period had left little moisture in the soil, so fall-plowed fields in exposed locations eroded seriously. In the worst localities, visibility was less than 1/4 mile for short periods. Some observers stated that it was the worst dust storm since the 1930's.										
Salem, McCook county	28	5:15 p.m.					1	4	Wind	
A strong gust of wind overturned a trailer house and tractor. In other counties, local blowing dust reduced the visibility to less than 1/4 mile.										

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TENNESSEE</b>									
Lake County (South) and Dyer County (North-west)	19	8:30 - 8:45 p.	8	1 1/2 - 2					Hail and wind
<p>Hail ball size hail occurred from Powell's Ferry at the Mississippi River along Highway 79 to its junction with Highway 78 south of Ridgely and in extreme northwest portions of Dyer County. The hail heavily damaged 600-900 acres of wheat and 1100 acres of corn, cotton and beans, badly damaged roofs and windows of numerous homes, killed 6 shoots and seriously injured several other shoots. Strong wind accompanying the hail blew a house off its foundation. Hail was still on the ground the next afternoon.</p>									
Union City and South Fulton, Obion County	19	Night							Hail and Wind
<p>Hail "as large as pullet eggs and English walnuts" caused extensive damage to windows, roofs and main signs. Several power lines were blown down, one of which killed six Angus cattle.</p>									
Paris, Henry County	20	early a.m.					2		Hail
<p>Hail up to 1 inch diameter damaged shrubbery and flowers.</p>									
Anderson, Knox, Roane, Jefferson, Hamblen, and Greene Counties	28	12:45 p.	About 80		1				Hail (and wind)
<p>Severe hailstorms developing west of Oliver Springs, Roane County, moved eastward causing damage along the following paths: Roane County: Oliver Springs; Anderson County: Oak Ridge, South Clinton; Knox County: Heiskell, Hall's, Fountain City, Ritts, Coryton, Maloneyville, Mascot; Jefferson County: Strawberry Plains, New Market, Jefferson City, White Pine; Hamblen County: Witt, Lowland; Greene County: Midway, Moshim. In Knox County the hail-storm width was reported to be 4-5 miles. Duration of hail varied from 5 to 20 minutes. The first and most severe hailstorm originated near Oliver Springs at 12:45 P. M.; a second weaker storm originated in the same area at about 2 P. M. Eastward speed of the storms was reported by WRS Knoxville to be 15 mph. Largest hail varied from hens egg size at Oliver Springs to 3-4 inches across in Anderson County, 3 inches across in Knox County, 3 1/2 inches across in Jefferson County and 2 1/2 x 1 1/2 inches in Hamblen County. Over most of the path extensive damage was done to roofs, house windows, auto windshields, auto finishes, trees and shrubbery. Isolated reports were received of damage to crops and injury to livestock. Most concentrated damage was at Lowland, Hamblen County, where from 500-1000 window panes were knocked out of a factory and a small sport car was so badly bent that the entire body will have to be replaced; an elderly man fishing nearby received painful scalp cuts from the hail. At Coryton, Knox County wind which sounded like "4 or 5 jets" accompanied the hail and unroofed a house.</p>									
<b>TEXAS</b>									
ENE Tyler, Smith County, & area	1	12:30 am	12					4	Wind
<p>Seven poultry buildings demolished on chicken farm, 700 chickens killed by falling debris. Moved NE, minor damage reported over area. FAA station at Tyler reported wind gusts to 90 mph.</p>									
Seabrook, Harris Co.	1	abt 1 am							Tornado
<p>Continuation of squall line which began evening of March 31. Several mooring sheds at shipyard damaged, cabin cruiser sunk. Many pleasure boats damaged by debris.</p>									
Austin, Travis Co.	1	1-1:15 am							Funnel
<p>Sighted 1/2 mi W of airport during thunderstorm, moved SE, did not touch ground.</p>									
Henderson & Athens, Rusk County; Marshall, Harrison County	1	shortly after 1 am	500	0	0	0	4		Tornado
<p>Continuation of squall line which began evening of March 31. Damage completely across City of Henderson. Windows in six downtown business places blown out, store partly unroofed, homes damaged. House damaged at Athens. From SW, dipped onto Marshall and ripped house apart, rope at once. Winds to 75 mph. Storm continued across Louisiana state line.</p>									
Near George West, Live Oak Co.	1	4:25 am			0	0	0		Funnel
<p>Pilot report.</p>									
5 S Denver City, Yoakum Co.	7	abt 3:35 pm			0	0	0		Funnel
<p>Did not touch ground, with associated high winds and rain.</p>									
5 S Denver City, Yoakum County	7	3-5:30 pm			0	0	4		Wind
<p>High winds heavily damaged bowling alley under construction. Moved NE. Light hail, stones small.</p>									
15 NW Lubbock, Lubbock County	7	4:37 pm			0	0	0		Funnel
<p>Did not touch ground, with associated high winds &amp; rain, moved SE.</p>									
Tomball, Harris Co.	8	6:30 am	4		0	0	4		Tornado
<p>Moving NE, touched ground 3 or 4 times, damaged roofs, porches, outbuildings, fences, uprooted several trees, downed phone and power lines.</p>									
<b>TEXAS</b>									
Montgomery, Montgomery County	8	6:50 am					4		Wind
<p>Twisting winds hit western part of county causing widespread damage to homes &amp; wooded areas. Some homes literally had their roofs sucked off. Tin building was demolished, one piece of tin slashed into utility pole six inches deep. Several outbuildings destroyed.</p>									
Near Luling, Caldwell County	8	aftr			0	0	4		Electrical
<p>Lightning caused fire which destroyed a 55,000 barrel refinery tank. Fireman fought the blaze for hours.</p>									
3 S Bronson (Center-view Community), Sabine County	8	2:30 pm	300	150	0	0	4		Tornado
<p>Moving E, destroyed one house, unroofed another, uprooted trees. Debris scattered for a mile. Cloudy with rain.</p>									
W of Perrin Air Force Base, Mr Sherman, Grayson Co.	17	6:10 pm			0	0	0		Funnel
<p>Moving NE</p>									
Sherman, Grayson Co.	17	8:40 pm			0	0	0		Funnel
<p>Moving NE</p>									
Grapevine, Tarrant County	18	5 pm			0	0	0		Funnel
Garland, Dallas Co.	18	5 pm			0	0	0		Funnel
Brownwood area, Brown County	18				0	0	0		Hail
<p>Winds to 60 mph, hailstones measured up to 1-1/2" diameter. New crops of beans and corn, fruit and pecans badly damaged.</p>									
Cresson, Hood Co., to Godley, Johnson County	18	5-6:30 pm	11	4	0	2	5		Hail, Wind
<p>Wind from NW, hail average diameter 1-1/2" fell over one mile square area. Wind damage to property \$15,000; hail damage to property \$10,000. Two men suffered broken legs. Two homes &amp; business building badly damaged, barns &amp; outbuildings damaged. Several thoroughbred horses injured, one fatally. Many roofs badly damaged, some autos.</p>									
6 S San Antonio, Bexar County	18	7:17 pm			0	0	0		Funnel
<p>Dissipated rapidly.</p>									
Dilley, Frio County	18	7:10-7:30 pm	12	4	0	2	5	4	Hail
<p>3 mi W of Dillet to 3-1/2 mi E of Dilley. Heavy damage to cabbage, squash, onion crops. Stones struck with great force on W &amp; N side of buildings, much window &amp; auto glass broken, roof damage, cars dented. Large hailstones were made up of smaller ones; tennis-ball-size stones were frozen in 3 or 4 layers. Largest diameter of stones 13 to 16". Some loss of livestock. Wind from NW.</p>									
W of Stephenville, Erath Co.	18	8 pm			0	0	0		Funnel
Bristol & Ferris, Ellis Co.	18	evening					3		Wind
<p>Tore down power lines, badly damaged 3 houses, damaged roofs &amp; outbuildings &amp; fences, TV antennas, trees and signs. Accompanying heavy rain.</p>									
Austin, Travis Co.	19	3:50 pm			0	0	0		Hail
<p>NW part of city, 3/4" and 1" hail, no high winds, no damage.</p>									
Btwn Blanco & Wimberly, Hays Co.	20	4 pm							Funnel
Fredericksburg & Stonewall areas, Gillespie Co.	20	4:30 pm			0	0	5		Hail
<p>Marble to golfball size heavily damaged peach, plum, apricot &amp; wheat crops &amp; gardens in area. Nearly all of county received hail, which fell at 2 different times in some areas.</p>									
Btwn Del Rio & Eagle Pass, Maverick Co.	20								Funnel
Dallas, Dallas Co.	20	7 pm			1	0			Electrical
<p>Man struck &amp; killed by lightning while at work.</p>									
<b>UTAH</b>									
Entire State							5		Freeze
<p>Freezing temperatures northern Utah 10th and 17th, and over much of southern portion on 20th, caused some damage to fruit crops. Heaviest damage was to apricots in Box Elder, Davis and Utah Counties.</p>									
Salt Lake City area, Salt Lake County	18						4		Snow
<p>Reduced visibility during a snow storm contributed to a number of traffic accidents.</p>									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1959

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					KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA Fauquier County	12								Unseasonal Snow Snowfall reported north of a line from Quantico to Lexington. 6 inches fell at Harrisonburg for the heaviest April snow since 1928. 3 1/2 inches reported in Fauquier County. Snow period followed several days of 90° temperatures. Overall damage relatively small.
South Boston, Halifax County	20	6:05-6:15 p.	1-2	500			5		Tornado and hail Funnel cloud observed (one observer reported 2 funnels) accompanied by train-like roar, moved from southeast to northwest through town. Roofs torn off, plate glass windows broken, chimneys, TV antennas, trees, utility lines and signs downed. Up to 8 inches of small hail reported accumulating on the ground. Rainfall estimates range from 1 to 3 inches.
South Highland County	28	4:00 p.							Tornado and hail A swirling, rearing cloud with a funnel reported, caused considerable damage to buildings, trees and power poles along Route 220 below Mustoe to the Dixon Hill region. A path of broken and uprooted trees marked the path of the twister. A wooden bridge spanning the Jackson River near Sally's Place was blown out. Hail accompanied storm with stones ranging from marble size to as large as a teacup.
WEST VIRGINIA Crab Orchard, Raleigh County	19	8:30 PM to 8:35 PM	1/2	50	12	4			Tornado Storm moved from NW to SE; tore off top of 2-story cinder block store building, moved a 4-room house over 4 feet, completely demolished a 4-room house carrying roof 1/2 mile away and scattering clothes for 800-1000 yards to right angles of storm path.
Morgantown	28	3:24 PM to 3:30 PM	1	1/4	10	5			Wind Storm moved from SW to NE. Power lines blown down, numerous trees uprooted, plate glass windows blown but in downtown stores, at least 10 persons injured by flying pieces of glass or other debris.
Scattered localities west and central portions of State	28	Afternoon and evening					4		Wind Mostly minor damage to buildings, signs, trees, antennas.
WASHINGTON Columbia Basin	23						4	4	5 Dust and wind High wind and dust storm in Okanogan Valley and Columbia Basin. Irrigation canals were filled with drifting soil, visibility reduced to zero, and minor damage to property in some localities. Four persons injured in automobile accidents resulting from reduced visibility. Wheat, beets and asparagus damaged by high wind. Reseeding of beets necessary in some localities.
Columbia Basin, Yakima and Walla Walla Valleys	27-30							4	5 High wind and blowing dust High wind and blowing sand caused extensive damage to asparagus and some damage to wheat and beets. Nearly one-half the asparagus delivered to processing plants by farmers was rejected, due to damage resulting from high wind and blowing sand. Processing plants in some localities were forced to close down temporarily.
Northern half of Western Washington	26-30							5	5 Heavy rainfall Rainfall amounts ranging from 6-10 inches in 4 days over the northern half of the Olympic Peninsula, and along the western slope of the Cascade Mountains, in the northern half of Western Washington, resulted in all rivers rising to above flood stage. An estimated 30,000 to 40,000 acres of low pasture and crop land was flooded. Several bridges were damaged, one residence destroyed and it was necessary for a number of persons in low areas to evacuate their residences. A barge carrying dredging equipment capsized on the Skagit river.
ILLINOIS Freeport	17	2 P.M.	2		0	0	4		Tornado Tornado moved northeastward causing mostly light damage to four farmsteads in the area just west and southwest of Freeport.

- \* Miles instead of yards.
- \*\* Yards instead of miles.
- ° Includes crop damage.
- C Crop damage.
- † 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.

States and territories not listed in these tables reported no storms or unusual weather phenomena during the month.

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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