

U. S. DEPARTMENT OF COMMERCE
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WEATHER BUREAU
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STORM DATA

NOVEMBER 1959

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STORM DATA AND UNUSUAL WEATHER PHENOMENA

NOVEMBER 1959

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE				CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	KILLED	INURED	PROPERTY	CROPS	
A L A S K A													
Northern Gulf Coast from Cape St. Elias to Yakutat Bay	4-5												General Windstorm
	An intense low, reaching the upper Gulf of Alaska area, resulted in a very intense pressure gradient along the coast from Prince William Sound to Yakutat Bay. This gradient, supplemented by a complex system of fronts running almost parallel to the coast produced strong winds over the sparsely settled coastal area; rather intense local storms were observed in the more populous areas as indicated below:												
Cape St. Elias:	4	11:20 - 11:23 AST	1/4	1/4				2					Tornado
	A small scale tornado, moving from the SE to NW, struck in the vicinity of Cape St. Elias Light Station on Kayak Island on this date. The storm progressed inland for a distance of about 1/4 mi. during the brief 3-minute period. Fog and heavy rain accompanied the small, intense storm but no thunderstorm activity was observed and no hail reported. The Officer in Charge of the U. S. Coast Guard Station reported a definite funnel cloud observed. The most intense portion of the storm apparently did not strike the station installation; however, wind gusts reaching around 125 mph persisted for a period of 6 minutes at the station. Actual property damage was slight, totaling only about \$100.00.												
Yakutat:	4	4:00 - 11:00 P.M.						4					Windstorm
	Surface wind directions at Yakutat indicate the storm center was moving from west to east along a course a short distance south of Yakutat but began to weaken and fill south or southwest of Yakutat. Maximum wind speeds reached about 55 mph. The major damage in the Yakutat area was to the roof of the FAA Hangar which was blown away. Water entering electrical equipment caused considerable difficulty; teletypes became inoperative because of electrical shortages and other electrical equipment was affected. The storm was accompanied by light to moderate rain. Damages to buildings and equipment totaled about \$10,000 practically all of which was suffered by the FAA.												
King Salmon:	14-16	8:30 P.M. to 3:00 A.M.											
	Strong winds affecting a wide area from Unalakleet through the Alaskan Peninsula and up the western coast to Norton Sound were the result of a deep, large, slow-moving low pressure system which had its center meandering in the area from Adak Island to the Pribilof Islands for a 3-day period. The strong winds from this large storm were felt inland to the central Tanana Valley on November 16. The average wind speed for the full 24-hour period at King Salmon on November 15 was 51.6 mph and peak gusts exceeded 75 mph. The wind removed roofs from all six Weather Bureau apartment buildings at King Salmon. Two private planes were wrecked and minor damages occurred in the AFB area. Total damages were estimated at \$15,000.												
A R I Z O N A													
Prescott	2	1:00 a.m.	1/10	200				4					Tornado
	Storm hit radio station KYCA, then skipped north-northeastward to Fort Whipple. No funnel observed, but survey of damage by meteorologist indicated action of tornado.												
Tucson (40 miles NNW)	15	5:45 p.m.											Funnel cloud
	Pilot reported funnel cloud aloft moving eastward.												
A R K A N S A S													
Sevier County	3	7:50 p. to 8:15 p.	880	250	0	0	0	3	0				Wind, rain
	Considerable damage to trees and some damage to roofs and fences in a small area, 5 1/2 miles east of DeQueen. Heavy rain damaged grade of a road under construction in same area.												
Texarkana, Miller County	4	2:00 a.	Short	Narrow	0	0	0	2	0				Wind
	Minor damage to house on South State Line Street.												
C A L I F O R N I A													
Central California (from coast to Sierras)	5-6				0	0	0	6	5				Strong winds
	Utility lines were blown down, roofs of some buildings damaged, and forest and range fires were spread. Unharvested bean and alfalfa seed crops were damaged.												
Ventura, Riverside, and Los Angeles Counties	23				0	1	4	0					Strong winds
	Utility lines were damaged; house trailers were upset while moving along the highway; boats and marine installations were damaged. One man was injured when his house trailer was upset.												
C O L O R A D O													
	4	All day			1	0	3	0					Wind
	High winds affecting the entire state caused minor damage in many areas of the eastern plains. In Denver winds averaged 40MPH with gusts to 70MPH. Pueblo reported 61MPH for the fastest mile. A man was killed 2 miles west of Akron when his pickup truck was blown off an icy spot in the road. Some damage was reported to power and communication lines, signs and vehicles. Two semi-trailers were toppled over at the port of entry station near the Nebraska line on U. S. 14.												
C O N N E C T I C U T													
State	24-25				0	0	0	4	0				Rain, wind, electrical
	Many minor damages to roadways and soil from washing rains and from flooding of cellars. Strong winds broke some branches. Some phone lines knocked out by lightning.												
State	28	A.M.			0	0	0	4	0				Wind
	Winds with gusts reported to 60 m.p.h. snapped branches in many areas but did no serious damage to utility lines. Ridgefield reported plate glass windows broken and damage to a building by a falling tree.												
F L O R I D A													
Richmond Dade County	8	4:22 PM			0	0	0	0	0				Funnel Cloud
West Palm Beach Palm Beach County	12	Afternoon			0	0	0	0	0				Waterspout
West Palm Beach, SW Palm Beach County	17	3:25 PM			0	0	0	0	0				Funnel Cloud
Dade and Broward Counties	18-19	Evening 18th to late 19th			0	0	0	0	0				Heavy rain and wind
	Abnormally heavy rains in the coastal sections of these two counties produced considerable local flooding in many residential areas and caused considerable water damage to vegetable crops being grown in the agricultural sections of these counties.												
Southeast Florida	25	Early AM			0	0	0	0	0				Wind
	Strong winds associated with a squall line caused widespread but generally not severe property damages in the area and buffeted small craft moored at ocean-front docks. Damages were also sustained by a number of small aircraft parked at the several small airports in the affected area.												
Tampa Bay Area Hillsborough and Pinellas Counties.	27	Evening			0	0	0	0	0				Wind
	Strong winds and squalls passing over the cities of Tampa and St. Petersburg caused considerable property damage. Gusts were estimated near 60 mph. Several boats were swamped and a barge broke loose and damaged a causeway bridge.												
I L L I N O I S													
North Half	12-13								?	?			Heavy snow, glass
	Approximately 36 hours of snowfall began in the Northwest before noon and moved eastward leaving from 4 to 8 inches of snow generally over the area. Numerous traffic accidents on slippery highways included some fatalities. Moderate glazing in the Bloomington-Pontiac area during the night caused many breaks in electric power lines.												
I O W A													
Persia, Harrison County	3	11:30 p							4				Lightning.
	Destroyed large barn, hay and livestock.												
Northwest and Central and East Central Iowa.	4-5								4				Snow storm with glaze & strong winds.
	Rain changing to snow caused highways to be icy which accounted for numerous accidents and injuries. Strong winds drifted snow in northwestern localities and many schools were closed.												
Over State	11-12								4				Snow storm & glaze.
	Glazing on highways caused numerous accidents and injuries.												
Over State	25-26								4				Snow & glazing.
	Glazing particularly heavy over southeastern Iowa causing numerous accidents and four injuries.												
K A N S A S													
Sedgwick County	4												Wind
	Strong gusty winds buffeted a water cooling tower and the resulting jiggling activated a pop-off valve in large house furnishing store in east Wichita causing water damage to merchandise and to the building.												
Southwest Counties	4-5	afternoon and night											Glaze
	Ice coated roads in southwestern Kansas became hazardous during the afternoon and continued icy until the afternoon of the 5th in spots. Numerous minor automobile accidents occurred. Poor visibility from blowing light snow added to the danger.												
North central counties	27	early AM											Glaze
	Light rain or drizzle that froze as it hit the cold ground made some pavements slippery from Shawnee County west as far as Jewell County. No particularly serious accidents were reported.												

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
MAINE Southern portion	2	6-7 p.m.			1	0	5	0	Wind, hail
									Wind capsized a boat in the Rockland area, with one life lost. Other damage minor and mostly limited to tree limbs downed. Hail up to 1/4 inch size reported in thunderstorms in some areas, with no reported damage from hail.
State	16-18				0	0	0	0	Glaze
									Glazing was reported in scattered areas on the 16th and in many areas on the 17th. Most serious traffic hazards reported in Bangor area morning of 18th when extremely slippery streets and walks contributed to many accidents and delays.
State	24-25				0	0	4	0	Rain
									Washing and flooding rains damaged many dirt roads and flooded basements, especially in the southern portion of the State. A hospital basement flooded in Rockland, Me. Some homes at Ellsworth were hastily protected by sandbagging from overflowing brooks. Some glaze reported in north on 25th.
Northeastern portion	28				0	0	0	0	Glaze
									Glaze produced hazardous road conditions.
MASSACHUSETTS North-central portion	2	2-3 P.M.			0	0	5	0	Electrical, wind, hail
									Lightning damaged a radio transmitting station, knocked out of service 100 to 200 phones, and caused mostly minor damage to several homes. Eighty window panes broken by lightning at a factory in Templeton. Wind broke tree branches in local areas with minor damage. Hail was reported by many but mostly pea size or less with no damage.
Greater Boston Metropolitan area	17	Evening			0	0	4	0	Wind
									Wind tore off tree limbs in numerous areas, breaking utility lines and darkening hundreds of homes.
North-central portion	23				0	0	0	0	Glaze
									Glaze reported from freezing fog.
State	24-25				0	0	4	0	Rain, wind, electrical
									Widespread minor damages from heavy rain washing soils and drive-ways, flooding streets and basements, and shorting power lines. Also widespread but minor damage from wind, with falling branches causing power failures to some hundreds of homes. Thunderstorms reported in evening in many areas. Hail 5/8 inch size reported at Mattapoisett.
MINNESOTA Minnesota Southern Third	4-5	a.-p.			0	0	0	5	Heavy snow storm
									Two to six inches of snow accompanied by some blowing and drifting disrupted traffic and caused numerous traffic accidents. Considerable corn was caught in the fields particularly in south-east Minnesota resulting in greater harvesting losses than normally occur. Anticipated yield per acre cut by as much as 10 bushels due to ear dropping. Some recovery will be made by hand picking and by using fields for forage.
MISSISSIPPI Rankin Co. 2 mi. NE Star	4	4:15 p.	4	narrow	0	0	4	1	Tornado
Montgomery Co. Poplar Creek area	22	7:30 p.	unk	unk	0	0	4	1	Tornado
MISSOURI Northeast Missouri	13	Evening			1	6			Glaze
									Roads and streets in many parts of northeast Missouri were covered with a thin layer of ice, with several traffic accidents because of slick roads.
NEBRASKA Most of State	4-5	Most of night	Large area		0	0	3	6	Wind, some ice
									Seven telephone poles snapped. Considerable corn blown off stalks.
Western half of State	23	Most of day	Large area		0	0	4	5	Wind
									Widespread but generally minor wind damage to property and winter wheat. Considerable blowing of lighter soils.
NEW HAMPSHIRE Southern portion	23				0	0	0	0	Glaze
									Glazing from freezing fog and drizzle.
State	24-25				0	0	4	0	Rain
									Washing and flooding rains caused many minor losses. A washout on Route 502 between Crawford Notch and Bartlett closed that highway to traffic.
NEW YORK Elmira area, Chemung County	1	during day						3	High winds, sleet, rain
									Damage to power and communication lines, tree limbs blown down, damage to automobiles.
Northern Catskills	6	7 a.m.						4	High winds
									High winds caused power loss to 1400 customers; winds to 50 mph.
Lake Champlain area	11	afternoon & evening						4	High winds
									High winds caused some damage to boats and shore installations.
Erie County	12	evening			1	3	3		Snow
									2" snow caused poor driving conditions; 1 traffic death blamed on weather.
Counties east of Lakes Erie and Ontario	18-19				1	3	4		Heavy snowsqualls
									Counties east of the Lakes received heavy lake snowsqualls and some areas reported depths up to 1 1/2 feet. A rash of car accidents occurred throughout the area, highways very blocked by stalled cars and some schools closed. General snow occurred throughout the western and central counties with numerous minor accidents. High winds and drifting snow added to the poor weather conditions. In Chautauque County 1 man was killed and 2 injured in a skidding accident; 2" snowfall - accident blamed on weather. Near Watertown 1 man was injured in a skidding accident blamed on the weather; up to 15" of snow; over 50 vehicles piled up in one area as stalled vehicles blocked highways.
Watertown area, Jefferson County	27							3	Snow
									Auto crash killed 2 women; caused by snowy highway.
Throughout the State	28-29							4	Snow, icing conditions, heavy rains
									General stormy conditions throughout the State - snow, icing conditions and heavy rains resulted in damaging weather conditions throughout much of the State. At Bognville a radio tower toppled due to weight of ice and snow. At Rochester 1 man died of a heart attack while shoveling snow. In Lewis County 1 man died of heart attack while shoveling snow. At Syracuse 2 girls were killed in a sledding accident. Glens Falls, Gloversville, Little Falls and Amsterdam suffered flooding of highways and streets. In the Albany area there was minor flooding, lightning damage; 9 tankers stalled in the Champlain Canal due to high waters.
OKLAHOMA Mannford, Creek County	3	9:00 a.			0	1	0	0	Electrical
									Man struck by lightning while laying gas pipe.
Shultz, McCurtain County	3	6:00 p.	?	?	0	0	5	0	Tornado
									Tornado destroyed or damaged outbuildings on three farmsteads near the Shultz community 5 miles east of Idabel. Trees were blown down and utilities put off. Full force of the funnel seemed to remain about 100 feet above the ground. Storm moved northward.
South-Central and Eastern Portions of State	3	Evening			0	0	4	0	Wind, heavy rain, electrical
									Strong winds caused widespread variable damage in south-central and eastern sections of the State. Homes were damaged, outbuildings destroyed, and utility lines snapped. Greatest damage was noted in Ardmore where a 200 ft. radio tower was snapped, an airport hangar was unroofed and a small plane destroyed, and floodlights at the football stadium were knocked down. Over two inches of rain in an hour in Lawton caused flash flooding along Squaw Creek. Some homes were evacuated and autos stalled. Damage was minor. Minor flooding developed on Deep Fork and other small creeks in the Dewar area in Okmulgee County. Heavy rains at Broken Arrow in Tulsa County sent creeks out of their banks and disrupted the city water system. Heavy rains of over 6 inches caused flash flooding on the Illinois River near Soraper in Cherokee County. One bridge approach was washed out. Numerous lightning strikes were noted throughout the area but mostly minor damage resulted.
Watova, Nowata County	3	9:00 p.			0	0	4	0	Electrical
									Lightning strike resulted in fire that burned a rural home.
OREGON Northwest and North Central	13-16	Nights			0	0	1	4	Cold Spell
									Unseasonably low temperatures caused considerable damage to fall vegetables, particularly cauliflower and broccoli in Willamette Valley and to some areas fall planted barley and to a lesser extent wheat in Columbia Basin areas.

See reference notes at end of table.

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OREGON (Cont'd.)									
Entire State	20	All day			1	4	5	4	Wind
									Winds in excess of 100 miles per hour in gusts were unofficially recorded by Coast Guard along the coast and by Air Force radar stations on some mountain peaks. Inland valley Weather Bureau and FAA stations observed gusts above 70 miles per hour at several points. Heavy damages were caused to moored boats and docks in some coastal harbors. One man drowned when his boat was overturned by waves whipped up by high winds. Two or three large structures and numerous small ones were damaged or destroyed. Stacked hay was scattered. Widespread damage and service interruptions were experienced by power and telephone companies. Numerous roofs were blown off and windows broken.
PENNSYLVANIA									
Soranton	28	Night				8	4		Rain and Fog
									Several flood control projects in the area were damaged when heavy rain caused high water to break through a cofferdam topping a retaining wall and damaging 4 trucks. Eight persons were injured in auto accidents attributed to fog and heavy rain.
PUERTO RICO									
Sabana Grande	5	2:55 pm. to 5:05 pm.			0	0	0	0	Hail Storm
									Reports indicate that hail fell during the period from 2:55 pm. to 5:05 pm. at Sabana Grande. Witnesses claim that the size of the hailstones ranged up to three quarters of an inch. Following the ending of the hail storm rain continued through the afternoon. The occurrence of a hail storm is a relatively uncommon event in Puerto Rico.
SOUTH DAKOTA									
State wide	4-5								Blizzard
									First blizzard of the season. Caused hazardous driving conditions. Temperatures dropped to a few degrees below zero.
State wide	12-13								Blizzard
									Blizzard again caused hazardous driving conditions. Temperatures reached well below zero into the teens.
Eastern half of state	26								Ice & Snowstorm
									Ice roads, blowing and drifting snow caused hazardous driving conditions.
TENNESSEE									
Columbia, Henry County	26-27	9:00 p., 26th - 4 a., 27th	1/4	20-30	0	0	4	0	Wind
									Greatest damage to service station which had roof and front blown off. Less severe damage to one barn and several homes.
TEXAS									
SW Gregory, San Patricio Co.	2	10:05 am			0	0	0	0	Funnel aloft
10 ENE Sinton, San Patricio Co.	2	11:55 am			0	0	0	0	Tornado
									Disipated at time shown; open country.
S part Scurry Co., N part Mitchell Co.	3	4:45-5:10 pm	8	41-1/2 to 2	0	0	4	4	Hail
									Moved NE, near Dunn in Scurry Co. Ground entirely covered by hail measuring 1 to 2 inches diameter, mushroom-shaped. Winds became very strong toward end of storm. Both wind and hail stopped suddenly.
Bowie, Montague Co.	3	evening			0	0	4		Tornado
									Struck at one residence NW of Bowie, lifted and moved over town, came down on farm. Destroyed house, contents heavily damaged, power lines downed; barns heavily damaged, outbuildings demolished, about 35 apple trees destroyed. In town TV antennas downed, trees damaged.
3 SW Argyle, Denton Co.	3	8:30 pm	1-1/2	300	0	0	4		Tornado
									During thunderstorm, unroofed 1 house, blew down 2 barns. Moved NE.
Center Point, Kerr Co.	3	8:45-8:55 pm	10	41	0	0	4	0	Tornado
									Moved from NW to S, damage to buildings, trees, TV antennas.
Stem New Boston and DeKalb, Bowie Co.	3	9 pm			0	0	0	0	Funnel aloft
TEXAS (Cont'd.)									
Tyler, Smith Co.	4	12:35 am	1		0	0	4	0	Wind
									Moved NE, winds to 90 mph lasting about 4 minutes during rain; damaged roofs, greenhouses, house trailers, outbuildings, walls, fences, trees, TV antennas, downed phone and power lines.
10-12 S Athens, Henderson Co.	4	1 am	25	43-1/2	0	3	5	0	Tornado
									Moved NE during heavy storm which occurred between 11:45 pm Nov. 3 and approx. 1:30 am Nov. 4, Brownboro and Virginia Hill area. 50 families affected, 3 homes & 10 farm buildings destroyed; 12 homes & 4 farm buildings major damage, 20 homes and 6 farm buildings minor damage; one other building badly damaged, 2 others minor damage, oil derrick blown down. Heavy damage at Rusk Co. Airport where hangar was wrecked and 5 planes damaged. 2" rainfall during storm.
7 S Marshall, Harrison Co.	4	1:25 am			0	0	4	0	Tornado
									Moved NE during thunderstorm which began at 1 am, East Marshall and Hill Community. Four oil tanks wrecked, one house unroofed, barns and outbuildings destroyed, trees unrooted or broken off, drive-in theater screen destroyed. Almost 1" rain between 1:15 and 1:30 am. During squall line moving NE across NE Texas.
Kerrville, Kerr Co.	5	early am			0	0	4	0	Electrical
									Lightning struck dormitory, caused fire which damaged floors, woodwork, roof of 7 rooms.
Counties of Camp, Upsher, Bowie, Gregg, Harrison, Rusk, Cass, Smith, Morris and Marion	24-25	8 am on 24th to 8 pm on 25th	10-county area		0	1	5	5	Wind
									SW winds 30 to 40 mph, gusts to 50, spread some 28 grass fires faster than could be controlled. Extensive damage to grass, timber, feed and grain, livestock, barns and houses. Humidity low, freeze and little precipitation during month had dried grass. Fire jumped roads and highways, smoke was so thick motorists could not see and stopped cars along highways.
VERMONT									
State	28-30				0	0	4	0	Gale, wind and rain
									Gale and high wind combined to fell many trees and limbs, breaking utility lines in the northern portion. Franklin Co. was hardest hit. No injuries reported but many falling branches were narrow misses. High waters of the Missisquoi River forced sections of Routes 118 and 105 to be closed on the 29th. Washing and flooding rains, mostly on 28th, caused widespread minor damage also in southern portion.
WASHINGTON									
Whatcom County	12								Wind
									Strong northeasterly winds out of the Fraser River Canyon caused numerous power failures in western Whatcom County and damaged two small planes at the Bellingham airport.
Cascade Mountains and Eastern Washington	18								Freezing Rain
									Light snow and freezing rain over the Cascade Mountains and in most localities of eastern Washington. Highways were covered with ice for several days. Numerous accidents on the highways. Eight large freight transports wrecked on Snoqualmie Pass Highway.
Western Washington	17-23				1	7			C Heavy Rain
									Runoff from heavy rain and meltin snow in the mountains of western Washington resulted in the most damaging flood in recent years in King, Pierce and Snohomish counties, and some damage in other localities. Rainfall amounts for the storm, which began on the 17th and continued until the 23rd, ranged from 15 to 20 inches along the western slopes of the Olympic and Cascade Mountains. Hourly rainfall amounts ranging from .25 to .50 of an inch were recorded for several hours during the heaviest part of the storm, 24-hour rainfall amounts ranged from 4-6 inches and 72 hour rainfall amounts ranged from 7-10 inches in the drainage basins of the Green, Snohomish and Snoqualmie Rivers in eastern King, Pierce and Snohomish counties. These rivers reached their highest stages in recent years and in some instances, previous flood stages were exceeded. In addition to the heavy precipitation, 9 inches of snow with a water equivalent of over 3 inches at Stampede Pass (Elev. 3958 ft.) melted and the snow depth at Rainier Paradise Ranger Station (Elev. 5500 ft.) decreased from 12 to 16 inches and the snow depth at Stevens Pass (Elev. 4300 ft.) decreased from 28 to 9 inches during the storm. More than 1000 persons were forced from their homes by the flood. The following are estimates of damage in King County, which suffered the greatest losses: 12,000 acres flooded; 500 acres covered with a heavy depth of debris; 1000 acres covered with a thick layer of silt which will require releveling; 100 acres of crop land destroyed; 1000 tons of hay and 3000 tons of silage lost; 50 miles of fence destroyed and 400 buildings damaged. The drainage ditches in almost all of the flooded areas were filled with silt. A few business and industrial establishments in the lower valleys suffered some damage. A preliminary estimate of the total damage caused by this storm has been placed at \$10,500,000.

See reference notes at end of table.

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					KILLED	INURED	PROPERTY	CROPS	
WASHINGTON (Cont'd.) The highway over Stevens Pass was blocked by slides and a 1500 foot section of four-lane highway in Snoqualmie Pass was washed out. The estimated cost of replacing this one section of highway is between $\frac{1}{2}$ and $\frac{3}{4}$ million dollars. Highways and bridges were damaged in other localities. The damage to highways and bridges is estimated at between $\frac{1}{2}$ and $\frac{2}{3}$ million dollars. Slides, washouts and high water blocked all railroads over the Cascades for nearly one week. The estimated damage to railroad properties is near $\frac{3}{4}$ million dollars. The damage caused by the flood in Snoqualmie National Forest is \$500,000 and in Wenatchee National Forest is \$200,000. The estimated cost of repair of dikes damaged or destroyed is between $\frac{1}{2}$ and $\frac{3}{4}$ million dollars.									

- * 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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