

DELAYED REPORTS OF CLIMATOLOGICAL DATA FOR JANUARY 1949

Section	Temperature							Precipitation						
	Section average	Departure from the normal	Monthly extremes				Section average	Departure from the normal	Greatest monthly		Least monthly			
			Station	Highest	Date	Station			Lowest	Date	Station	Amount	Station	Amount
	° F.	° F.	° F.			° F.	In.	In.	In.	In.	In.	In.		
Alabama.....	54.3	+7.7	4 stations.....	85	11	Madison.....	15	30	6.58	+1.51	Winfield.....	18.88	Robertsdale.....	2.09
Florida.....	64.8	+5.7	La Belle.....	89	29	2 stations.....	24	1	.88	-1.90	Chipley, 3 E.....	4.44	11 stations.....	.00
Georgia.....	55.6	+8.5	Millen.....	87	26	do.....	15	1	3.03	-1.27	Flat Top.....	16.55	Camp Stewart.....	.30
Mississippi.....	53.6	+6.4	5 stations.....	85	10	Scott.....	7	31	8.69	+3.49	Houston.....	16.45	Biloxi.....	.06
North Carolina.....	50.3	+8.7	Henderson, 38.....	81	25	Mt. Mitchell.....	3	1	2.83	-.94	Hyatt Creek.....	12.73	Elizabethtown.....	.93
South Carolina.....	54.3	+8.3	Calhoun Falls.....	85	12	Caesars Head.....	18	30	2.19	-1.36	Long Creek.....	10.04	Monck's Corner.....	.58
Tennessee.....	46.5	+7.4	Chattanooga, WB City.....	79	12	Paris.....	6	30	8.43	+3.54	Lockhart Tower.....	14.90	Embreeville.....	1.56

1 Other dates also.

SEVERE STORMS FOR FEBRUARY 1949

[The table hereunder contains such data as have been received concerning severe storms that occurred during the month. A revised list will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Idaho, most of State.....	1-15					Snow and wind.....	Frequent snows and high winds blocked roads and railways. Low temperatures aggravated conditions. Snowslides occurred at Anderson Dam from 7th to 10th, at Roland, Burke, and Wallace on 10th, at Forney (Blackbird Mine) on 7th and 11th (\$10,000 damage to buildings), and at Pallsades Dam on 11th (12 head of cattle lost). National Guard assisted in flying supplies into snowbound communities and in opening blocked roads. Red Cross also provided assistance to snow-bound areas, particularly in south-central portion of State (Magic Valley) which hardest hit of more populated areas. Little loss in lambing. Livestock losses generally small. Believe no human lives were lost. Snow removal, bursted water mains, and snow-slide damage to highway, utility, and railroad property, as well as damage to homes, estimated at \$200,000 in vicinity of Wallace. No attempt made to estimate damage and cost of relief for State as a whole.
South Dakota.....	1-15					Semiblizzard.....	Considerable high winds and low temperatures unfavorable to livestock, weakened by January storms. Weather particularly severe on 8th, 9th, and 15th in northwest, and on 9th in central and south-east.
Montana.....	1-20					Snow and severe cold.	A continuation of extremely cold weather. Many cities had severe trouble because of freezing water mains. Frequent snows and blowing snows closed several main highways up to a week at a time.
Wyoming, central and southern portions.	5-19					Snow and blowing snow.	Continuous snow and blowing snow blocked all railroads and highways, causing suspension of transportation. All rail- and highways blocked with snow as fast as they could be opened. All transcontinental trains on Union Pacific suspended from 5th to 19th.
Watertown (near Lake City), Fla.	10	11:42-11:44 a. m.				Squall.....	High winds during cold front passage blew down trees and wire lines.
Jacksonville, Fla.	10	Noon-12:05 p. m.		1		do.....	During cold-front passage, small motorboat capsized in Trout River, drowning occupant. Maximum wind recorded at Weather Bureau office was 38 miles per hour for 5-minute period, with extreme of 50 miles per hour.
Hungry Horse, Mont.	10			1		Snowslide.....	Snowslide, resulting from rain, cost life of 1 workman.
Stillwater and vicinity, Okla.	12	7:45-8:10 p. m.	13-4	0	\$10,000	Tornado.....	Path extended east-northeastward for about 4 miles. 2 persons injured slightly. 1 well-constructed farmhouse moved about 20 feet. Plate-glass windows in stores broken. Large trees uprooted. A few shed-type buildings demolished. Most of damage due to gustiness rather than unusually high velocity.
Pawhuska, Okla.	12	9 p. m.	11		5,000	Wind.....	1 building partly blown down. Windows broken. Trees damaged.
Labette County, Kans.	12	9:30 p. m.	200	0	5,500	Tornado.....	Storm moved northeastward over path 9½ miles long. Damage to rural property near Edna. 1 barn demolished; other barns, sheds, and buildings damaged. No injuries. Apparently this tornado occurred in a squall line extending from Stillwater, Okla., to Crawford County, Kans.
Rock Island-Moline area, Ill.	12-13	Afternoon-morning.			2,000	Ice.....	Many utility wires broken. Numerous minor automobile accidents.
Victoria, Ill.	12-13	Afternoon-morning.			500	do.....	Several persons injured in falls. Telephone wires broken.
Nebraska, extreme eastern portion.	12-14		120-50			Snow and sleet.....	Snowfall ranged from 4 to 13 inches; blocked roads and highways.
New Ross, Ind.	14	9:30 p. m.	230	0	600	Tornado.....	Moved southeastward; path 1,000 feet long.
Mississippi County, Mo.	14	11:30 p. m.	16	0	\$13,500	Tornado and lightning.	Storm struck Hough Station and Big Lake vicinities. 5 to 7 miles northeast of Charleston. A number of dwellings, buildings and outbuildings damaged or demolished. 2 mules valued at \$350 killed by lightning, which accompanied storm. Power lines broken and service disrupted. Some trees stripped of bark. 1 person seriously injured; several others injured slightly. Heavy rain accompanied storm. No crop damage.
Gibson and Pike Counties, Ind.	15	12:10 a. m.	440	0	50,000	Tornado.....	Moved eastward through Oatsville and Glezen; path 15 miles long.
Clallam County, Wash.	16	1-10 p. m.		1		Rain, slides, and floods.	Heavy rains caused flash floods in many localities and a sudden, severe crest in Pysht River. Earthslides resulted in places, blocking highways and demolishing buildings. Most roads in county blocked for a time by earthslides, isolating various towns and communities. At Port Angeles, an earth slide occurred at beach area, partially wrecking a dwelling and killing 1 person. Damage considerable.
Helena, Mont.	16				7,000	Wind.....	Several plate glass windows broken when gust of wind at 12:40 p. m. reached 73 miles per hour. Several roofs damaged.
Hungry Horse, Mont.	16				15,000	Snow and wind.....	A new 80 feet by 35 feet concrete masonry building collapsed.

1 Miles instead of yards.

SEVERE STORMS FOR FEBRUARY 1949—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Shelby, Mont.	16			1		Wind	Automobile blown off highway ¼ mile south of Sweetgrass. 1 person killed and 1 injured.
Out Bank, Mont.	16-17				3,500	do.	CAA radio range tower blown down and grainery unroofed. Damage to wheat in storage about \$500, included in total.
Red Level (3 miles southwest), Covington County, Ala.	19	9 a. m.	100	0	8,000	Tornadic	A probable tornado moved eastward in a short path. 2 houses destroyed; 5 persons injured.
Seattle and Puget Sound area, Wash.	22					Earth slides	Following steady rains and a sudden ground thaw, earthslides developed on steep slopes at Seattle and at numerous points in Puget Sound area. Streets, highways, railroad property, and homes suffered occasional damage. North of Seattle, near Edmonds, 2 cars of a Great Northern passenger train derailed by mudslides. Property damage considerable. No injuries reported.
Superior and vicinity, Wis.	23-24	5 p. m.-7 a. m.				Ice	Freezing rain and high winds caused considerable breakage in electric power and telephone lines. Electric and telephone service disrupted for several hours. Many tree limbs broken.
Sarasota, Fla.	27	3 p. m.		0	1,000	Tornado	A small tornado passed northeastward 5 miles east of Sarasota. Length of path about ¼ mile. Damaged garage, wrecked another, and moved small frame house off foundation. No injuries.
Baltimore, Md.	28	1:30 p. m.				Wind	Woman suffered 2 broken wrists and a back injury when blown to ground by strong gusts. Winds of 35 miles per hour with highest, gust of 65 miles per hour.
Cape Cod and Martha's Vineyard, Mass.	28	Afternoon and night.				Gales and snow	Heavy, wet snow froze on wires and trees, and combined with northeast winds of gale force caused considerable damage to power, electric, and telephone lines; many light and power failures.

LATE STORM REPORTS FOR JANUARY 1949

[The table hereunder contains such data as have been received concerning severe local storms that occurred during the month. A revised list will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Jackson County, Mo.	3	4-4:30 p. m.	440		\$2,000	Wind and hail	Storm from Kansas struck Martin City and nearby vicinity. Damage mostly to roofs. Some small buildings overturned. Wind damage estimated at 75 percent and hail damage 25 percent of total.
Southern Kau district and Hamakua coastal area, Hawaii, T. H.	9					Wind and rain	Telephone and electric services disrupted; many poles down. Highways washed out in places, blocked in Kau district by fallen poles and wires.
Missouri, Newton and Jasper Counties to Marion, Ralls, and Pike Counties.	9-12		150-75		1,000,000	Ice	Storm moved eastward over State, except most of southeast. At many places, particularly in southwestern and central portions, storm was most severe of its kind on record. Damage mainly to communication and power lines and poles, and to trees and shrubs. Damage to lines of Southwestern Bell Telephone Co. alone estimated at \$600,000 in Missouri. Ice on trees and wires accumulated to thickness of 1 to over 2 inches in places; Joplin, Bolivar, Columbia, and Fulton areas hardest hit. Many homes and industries were without heat, lights, or power. Many schools closed and all surface traffic seriously hampered, as roads and pavements became glazed with ice. Many persons suffered serious injuries in falls. A few fatalities indirectly as a result of storm. Very little crop damage, except severe to fruit trees. Many homes in harder hit areas still without telephone service at close of month.
Texas	9-13					do.	Extensive glaze from 9th to 13th and 23d to 27th, affected area enclosed by a triangle drawn from Amarillo to San Antonio to Palestine, and back to Amarillo. Western Texas affected greatest from 9th to 13th, and northeastern Texas from 24th to 27th. Most damaging ice storm of record in Fort Worth-Dallas area. Very heavy damage to communication and power lines. 38 towns and cities without power and communication for some time. Damage described as "fantastic". Heavy damage to trees. Several radio stations forced off air, including WFAA, KRLL, WRR, KLIF, KSKY, and WBAP. Southwestern Bell Telephone Co. reported their damage to poles, lines, and equipment in Texas as \$300,000. Other losses may exceed \$2,000,000.
Hawaiian Islands, T. H.	16-17			2	125,000	Wind and rain	Damage to public utility poles and wires, highways, roofs, crops, and trees; scattered light to moderate losses over widespread general area. Local airline planes grounded. 2 persons killed on Kauai by landslide. Crop and property damage evidently heaviest on islands of Kauai and Oahu.
Missouri	18	During day				Ice	Storm moved northeastward over State. Glazing conditions rather general, especially destructive in St. Louis area. Freezing rain began before dawn and continued throughout day. Telephone and power lines, poles, and many trees broken or felled. Highways and roads hazardous, except in southeast. Many schools closed, particularly in St. Louis area. Many persons injured in falls on ice. Much damage also at Warrenton, Boonville, Lockwood, Marshfield, and Springfield. Minor to light damage in Birch Tree, Crane Mountain, and Crystal City areas. Accumulation of ice as much as 1 inch in some places.
Texas	24-27					do.	(See remarks for ice storms of 9th-13th, same State.)
Missouri, central and southeastern portions.	25-27					do.	Damage, locally, to trees, telephone, and power lines. All surface traffic seriously hampered by glaze. Many schools closed. Many persons injured in falls. St. Louis area and area around West Plains apparently hardest hit, but damage minor compared to 2 previous ice storms. In some places ice ½ to 1 inch thick on wires and twigs.
Wisconsin, southern portion	27-28	Evening of 27th-28th.		1	10,000	Ice, sleet, and snow	Sleet and freezing rain were heaviest in Green, Kenosha, Milwaukee, Rock, and Walworth Counties. Principal damage to power and telephone lines. Many industries in Rock and Walworth Counties closed because of electric power lines being down. Farther north heavy snow, accompanied by strong winds. Main highways partially open, but all side roads blocked by drifted snow.

¹ Miles instead of yards.