



Weather & Alert Services

# 2020 Year in Severe Weather

Annual U.S. Storm Report Summary • Published April 09, 2026

## Year at a Glance

**129,373**

STORM REPORTS

-14.8% vs 2019

**1,211**

TORNADO REPORTS

**8,780**

HAIL REPORTS

Largest: 4.5"

**48,550**

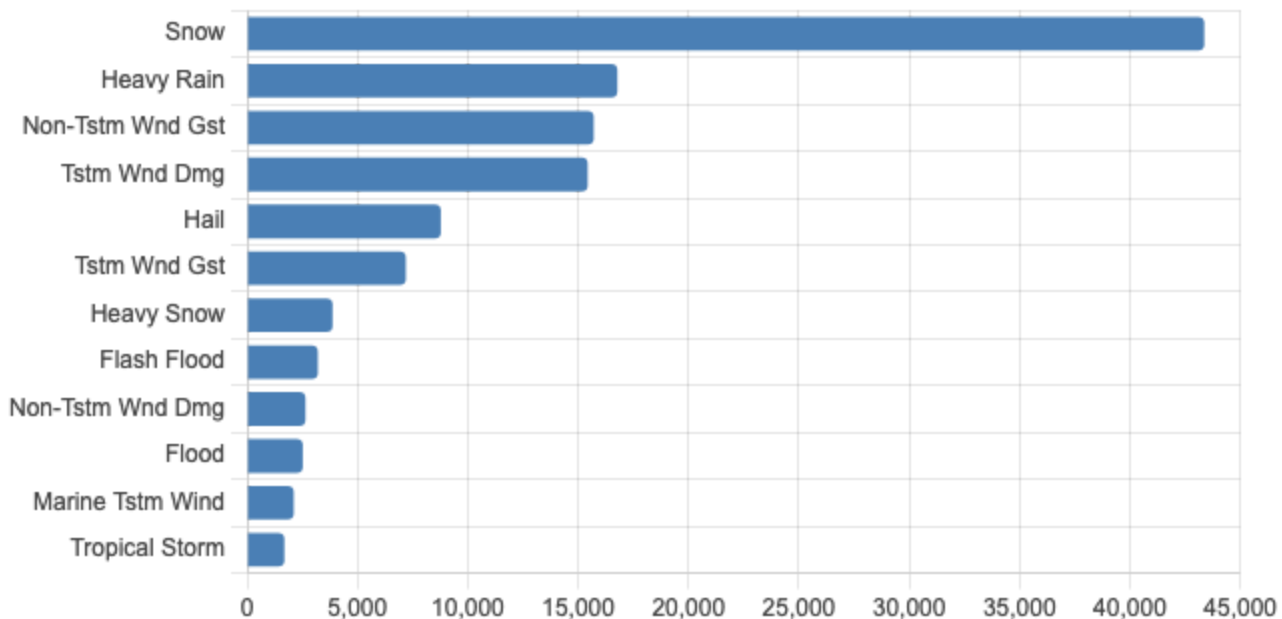
WINTER WEATHER  
REPORTS

**6,041**

FLOOD / FLASH FLOOD  
REPORTS

**2020 Highlights:** Snow was the most-reported event with 43,369 reports. January was the busiest month (14,562 reports). Colorado led all states with 9,479 reports. The largest hail recorded measured 4.5 inches in diameter.

## Storm Reports by Event Type



#	Event Type	Reports	% of Total
1	Snow	43,369	33.5%
2	Heavy Rain	16,779	13.0%
3	Non-Tstm Wnd Gst	15,708	12.1%
4	Tstm Wnd Dmg	15,434	11.9%
5	Hail	8,780	6.8%
6	Tstm Wnd Gst	7,195	5.6%
7	Heavy Snow	3,876	3.0%
8	Flash Flood	3,209	2.5%
9	Non-Tstm Wnd Dmg	2,647	2.0%
10	Flood	2,526	2.0%
11	Marine Tstm Wind	2,118	1.6%
12	Tropical Storm	1,693	1.3%

## Tornado Activity

**1,211**

TORNADO REPORTS

**MS**

MOST ACTIVE STATE

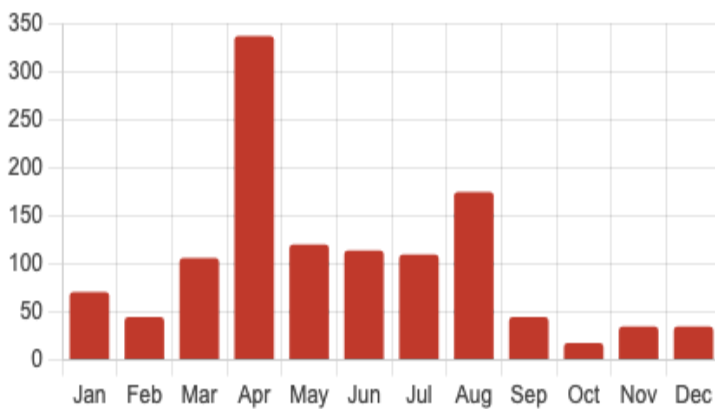
135 reports

**Apr**

PEAK MONTH

337 reports

### MONTHLY DISTRIBUTION



### TOP STATES

#	State	Reports
1	MS	135
2	AL	88
3	IL	79
4	TX	75
5	FL	74
6	MN	60
7	GA	59
8	NC	58
9	SC	52
10	LA	50

**Data note:** Tornado EF/F intensity ratings are not consistently recorded in storm reports. Counts above represent confirmed tornado reports; intensity data is omitted due to incomplete coverage.

## Hail Activity

**8,780**

HAIL REPORTS

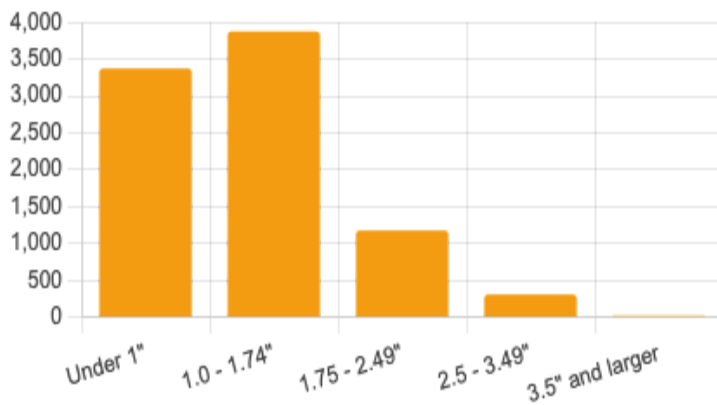
**4.5"**

LARGEST RECORDED

**642**

SIGNIFICANT ( $\geq 2.0"$ )  
Baseball size and larger

### SIZE DISTRIBUTION



### TOP STATES

#	State	Reports
1	TX	890
2	KS	646
3	SD	532
4	MN	506
5	NE	497
6	OK	395
7	MT	378
8	MO	352
9	CO	343
10	IA	318

## Wind Events

**41,527**

WIND REPORTS  
Damaging & measured gusts

**137 mph**

STRONGEST GUST REPORTED

**875**

REPORTS  $\geq 75$  MPH  
Hurricane-force threshold

### BY WIND TYPE

Type	Reports
Non-Tstm Wnd Gst	15,708
Tstm Wnd Dmg	15,434
Tstm Wnd Gst	7,195

### TOP STATES

#	State	Reports
1	MT	3,509
2	MI	2,174
3	SD	1,968

Type	Reports
Non-Tstm Wnd Dmg	2,647
High Sust Winds	543

#	State	Reports
4	FL	1,868
5	CO	1,790
6	PA	1,780
7	WY	1,594
8	ID	1,382
9	NY	1,332
10	AL	1,267

## Winter Weather

**48,550**

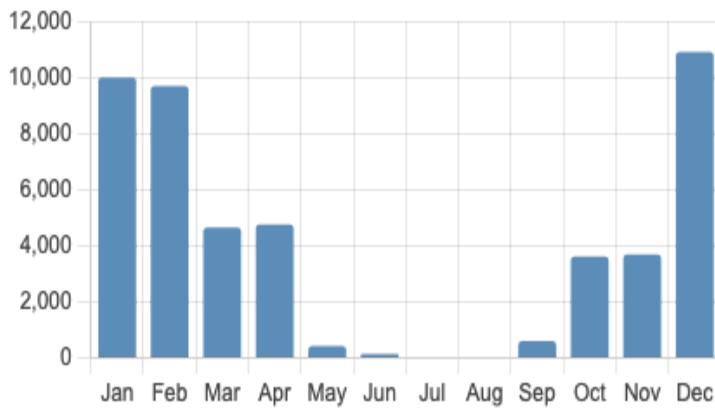
TOTAL WINTER WEATHER REPORTS

**47,245**

SNOW REPORTS

Including heavy snow events

### MONTHLY DISTRIBUTION



### BY EVENT TYPE

Event	Reports
Snow	43,369
Heavy Snow	3,876
Freezing Rain	820
Blizzard	174
Ice Storm	159
Sleet	152

### TOP STATES

#	State	Reports
1	CO	6,770
2	NY	2,949
3	MN	2,627
4	WY	2,626
5	WI	2,298
6	MI	2,175
7	MT	1,948

#	State	Reports
8	IA	1,898

## Flood & Flash Flood Reports

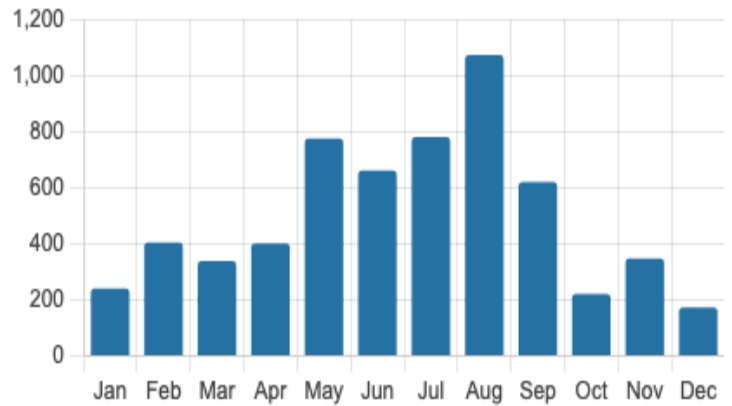
**6,041**

FLOOD REPORTS (ALL TYPES)

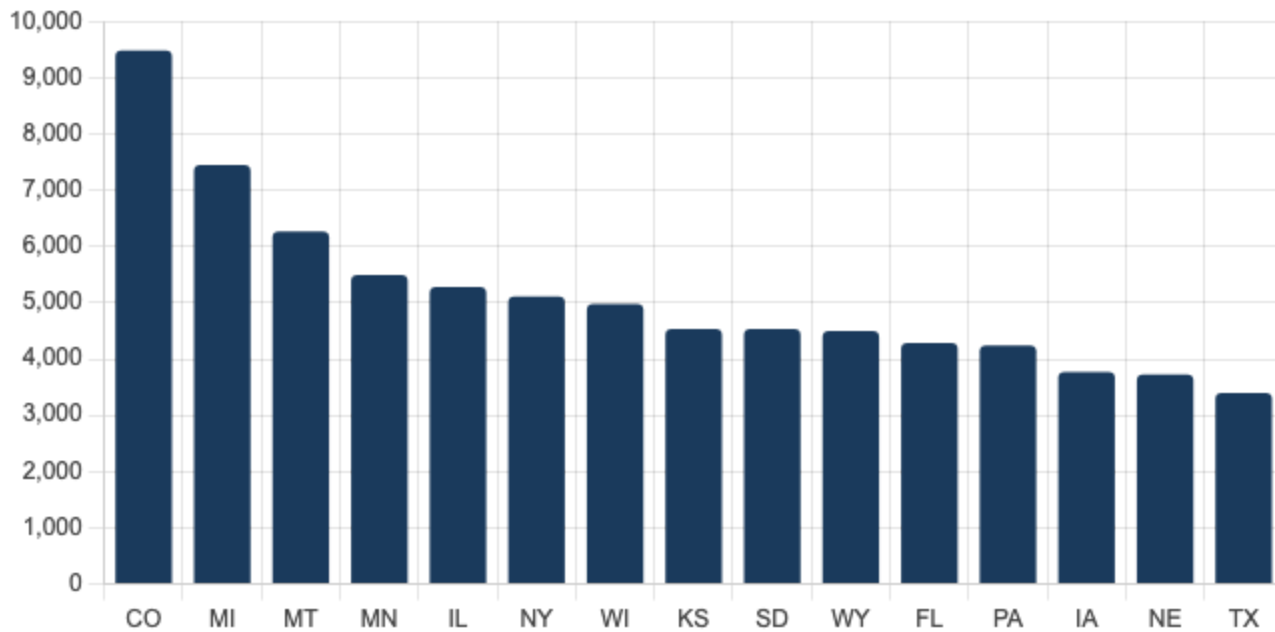
### BY EVENT TYPE

Event	Reports
Flash Flood	3,209
Flood	2,526
Coastal Flood	246
Lakeshore Flood	60

### MONTHLY DISTRIBUTION



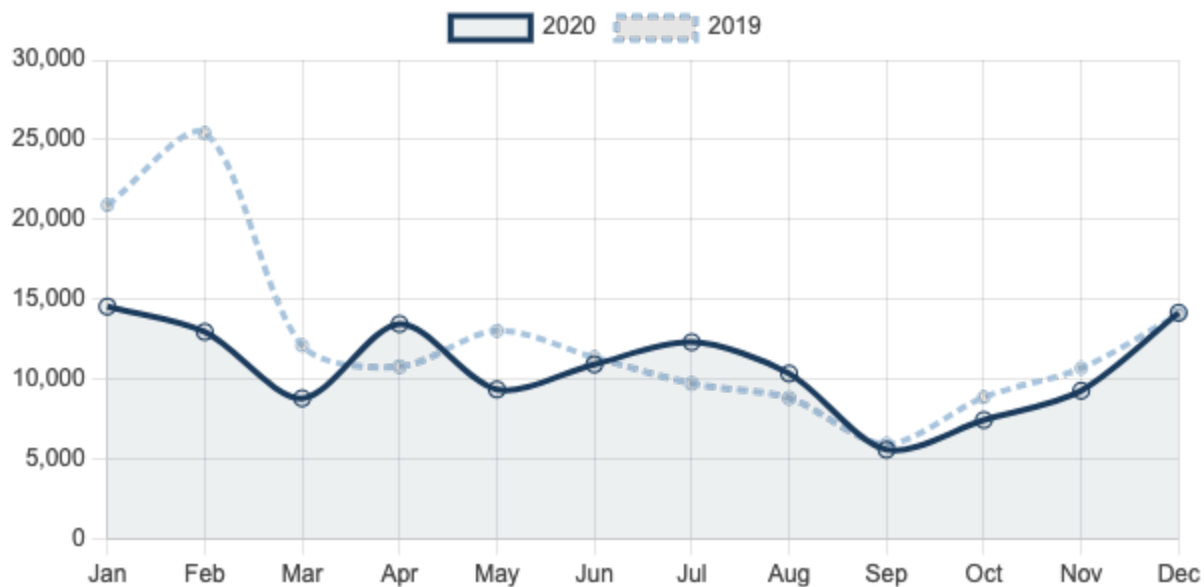
## Geographic Distribution — Top States



#	State	Storm Reports	% of Total
1	CO	9,479	7.3%

#	State	Storm Reports	% of Total
2	MI	7,449	5.8%
3	MT	6,270	4.8%
4	MN	5,494	4.2%
5	IL	5,283	4.1%
6	NY	5,116	4.0%
7	WI	4,978	3.8%
8	KS	4,534	3.5%
9	SD	4,534	3.5%
10	WY	4,498	3.5%
11	FL	4,285	3.3%
12	PA	4,243	3.3%
13	IA	3,774	2.9%
14	NE	3,726	2.9%
15	TX	3,396	2.6%
16	OH	3,302	2.6%
17	ID	2,740	2.1%
18	IN	2,681	2.1%
19	MO	2,375	1.8%
20	VA	2,285	1.8%

## Monthly Storm Report Activity



Month	2020 Reports	2019 Reports	Change
Jan	14,562	20,908	-30%
Feb	12,977	25,417	-49%
Mar	8,819	12,123	-27%
Apr	13,470	10,800	+25%
May	9,372	13,052	-28%
Jun	10,943	11,386	-4%
Jul	12,335	9,742	+27%
Aug	10,366	8,826	+17%
Sep	5,604	5,969	-6%
Oct	7,459	8,891	-16%
Nov	9,293	10,709	-13%
Dec	14,173	14,076	+1%

## About This Report

This report summarizes storm spotter reports and NWS weather alerts collected by iAlert for calendar year 2020. Storm report data is sourced from National Weather Service Local Storm Reports (LSRs) ingested by the iAlert weather monitoring system. Alert data represents official NWS alerts issued via the NOAA Weather Wire and CAP alert feed.

**Data coverage:** Contiguous United States, Alaska, Hawaii, and U.S. territories. Data represents events reported through NWS field offices; actual occurrence may be higher in areas with limited spotter coverage. Individual storm events may generate multiple LSR entries from different reporting sources, which are counted separately as received from NWS.

**Wind gust values** reflect reported maximum gusts. Entries over 200 mph are excluded as data entry errors. **Hail sizes** reflect maximum diameter as reported by spotters and NWS personnel.

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