



Snowtistics[®]

15 YEAR CLIMATOLOGY

Prepared By:

WeatherWorks

Apr 20, 2023

Prepared For:

Jane Smith

ABC Company

ATTN: Jane Smith | ABC Company LLC
RE: 15-Year Snowtistics Report | 2009 - 2023

Dear Jane,

As per your request, we have researched our climatological database and prepared the following tables which contain monthly snowfall accumulations for the 2008 - 2009 to 2022 - 2023 winter seasons. The tables also include a detailed analysis on snowfall, including: monthly totals/averages and a breakdown of various winter events by category. Also included is our Snowtistics® page which gives a graphical analysis of numerous statistics derived from the snowfall and event data provided. Snowfall totals are in inches with any totals less than 0.1" counted as a Trace or Coating. Weather data used in our report was obtained from archived WeatherWorks CST© data as well as other National Oceanic and Atmospheric Administration, NOAA records.

Ice accumulation data is also included in this report and is measured in inches. For the event count data any accumulations less than 0.10" are counted as a "Coating". Mixed Events are considered an event with both Snow/Sleet and Ice from Freezing Rain. Ice only Events are considered an event with Freezing Rain as the only precipitation type.

If you have any questions regarding this summary or need further data, please do not hesitate to call.



CERTIFICATION

WeatherWorks certifies that the information in this report is true and accurate and has been derived from quality controlled data in a tightly controlled environment. We reserve the right to amend these conclusions made herein upon further discovery of additional meteorological data.

TOWN NAME WINTER TOTALS & EVENT COUNT

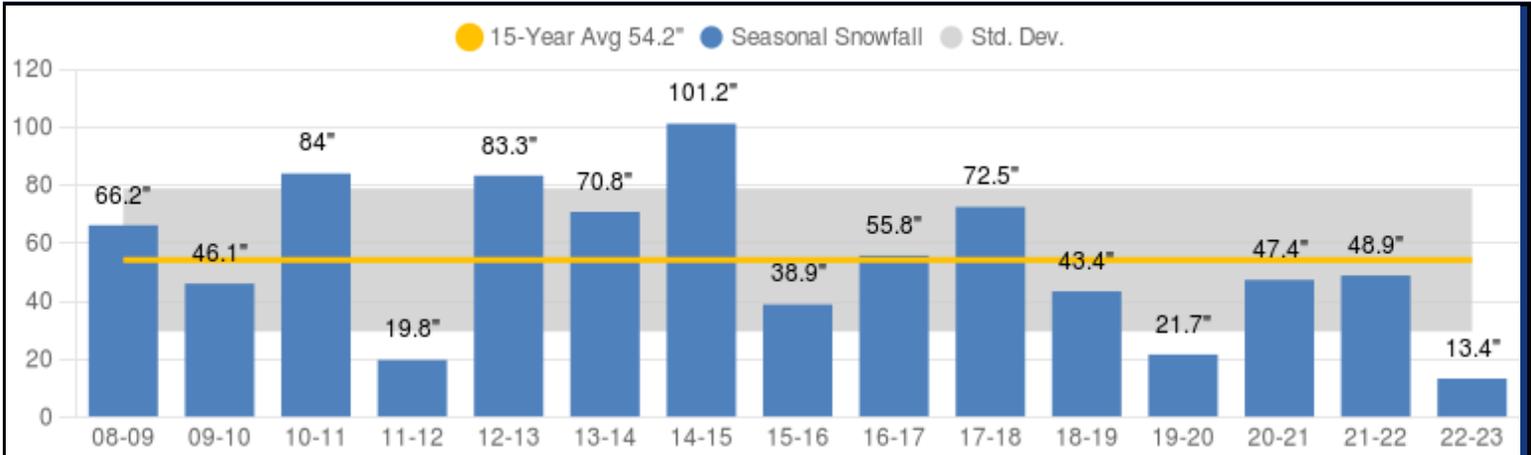
| MONTHLY SNOW TOTALS - TOWN NAME INFORMATION | | | | | | | | | | | | | |
|---------------------------------------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|------------|-------------|
| | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
| 08-09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Trace | 26.8 | 20.9 | 7.3 | 11.2 | 0.0 | 0.0 | 66.2 |
| 09-10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 28.2 | 9.0 | 7.5 | 0.6 | 0.0 | 0.0 | 46.1 |
| 10-11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 16.5 | 44.9 | 19.2 | 3.2 | 0.0 | 0.0 | 84.0 |
| 11-12 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 9.6 | 4.8 | 0.4 | 0.0 | 0.0 | 19.8 |
| 12-13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 13.0 | 7.7 | 34.0 | 21.7 | 0.0 | 0.0 | 83.3 |
| 13-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Trace | 11.9 | 24.6 | 31.6 | 2.2 | 0.5 | 0.0 | 70.8 |
| 14-15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 0.7 | 34.0 | 52.4 | 10.8 | 0.0 | 0.0 | 101.2 |
| 15-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 10.3 | 15.6 | 3.2 | 8.6 | 0.0 | 38.9 |
| 16-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Trace | 6.3 | 16.4 | 20.1 | 13.0 | 0.0 | 0.0 | 55.8 |
| 17-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.2 | 23.6 | 8.0 | 26.6 | 5.1 | 0.0 | 72.5 |
| 18-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.3 | 0.4 | 4.3 | 12.0 | 19.4 | 0.0 | 0.0 | 43.4 |
| 19-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Trace | 13.7 | 3.2 | 0.1 | 2.3 | 2.4 | 0.0 | 21.7 |
| 20-21 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | Trace | 12.3 | 5.6 | 24.6 | 0.1 | 0.1 | 0.0 | 47.4 |
| 21-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Trace | 1.3 | 30.4 | 14.6 | 2.6 | 0.0 | 0.0 | 48.9 |
| 22-23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 4.5 | 4.8 | 1.8 | 0.0 | 0.0 | 13.4 |
| 5-Year Avg | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 1.5 | 6.0 | 9.6 | 11.2 | 5.2 | 0.5 | 0.0 | 34.9 |
| 10-Year Avg | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.1 | 5.9 | 15.7 | 18.4 | 8.2 | 1.7 | 0.0 | 51.5 |
| 15-Year Avg | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 1.2 | 9.6 | 16.6 | 17.1 | 7.9 | 1.1 | 0.0 | 54.2 |
| 15-Year Median | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.2 | 10.3 | 14.6 | 3.2 | 0.0 | 0.0 | 48.9 |

| MONTHLY ICE TOTALS - TOWN NAME INFORMATION | | | | | | | | | | | | | |
|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|-------------|
| | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
| 08-09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | 0.00 | 0.25 | <0.10 | 0.00 | 0.00 | 0.00 | 0.25 |
| 09-10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 |
| 10-11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.10 | <0.10 | 0.00 | 0.00 | 0.35 |
| 11-12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | <0.10 |
| 12-13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | <0.10 | <0.10 | 0.00 | 0.00 | 0.10 |
| 13-14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | 0.20 | <0.10 | 0.00 | 0.00 | 0.20 |
| 14-15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | <0.10 |
| 15-16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | 0.00 | 0.20 | 0.00 | <0.10 | 0.00 | 0.20 |
| 16-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | <0.10 |
| 17-18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | <0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 18-19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.20 |
| 19-20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | 0.20 |
| 20-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | <0.10 |
| 21-22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 22-23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | <0.10 |
| 5-Year Avg | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 10-Year Avg | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 15-Year Avg | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.10 | <0.10 | <0.10 | 0.00 | 0.00 | 0.00 | 0.12 |
| 15-Year Median | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 |

| NUMBER OF SNOW EVENTS | | | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|------------|------------|------------|--------|-------|
| | Coatings | 0.1-0.9" | 1.0-1.9" | 2.0-3.9" | 4.0-5.9" | 6.0-7.9" | 8.0-9.9" | 10.0-11.9" | 12.0-15.9" | 16.0-19.9" | >20.0" | Total |
| 08-09 | 5 | 7 | 3 | 2 | 3 | 0 | 2 | 1 | 1 | 0 | 0 | 24 |
| 09-10 | 4 | 10 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 24 |
| 10-11 | 6 | 3 | 8 | 4 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 27 |
| 11-12 | 6 | 4 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 12-13 | 2 | 10 | 4 | 2 | 4 | 0 | 0 | 1 | 0 | 1 | 1 | 25 |
| 13-14 | 8 | 9 | 6 | 3 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 33 |
| 14-15 | 8 | 7 | 8 | 8 | 2 | 0 | 0 | 1 | 2 | 0 | 1 | 37 |
| 15-16 | 6 | 4 | 2 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 19 |
| 16-17 | 9 | 3 | 1 | 3 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 22 |
| 17-18 | 6 | 10 | 4 | 3 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 29 |
| 18-19 | 9 | 5 | 1 | 4 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 22 |
| 19-20 | 9 | 8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 21 |
| 20-21 | 14 | 12 | 0 | 2 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 34 |
| 21-22 | 5 | 11 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 22 |
| 22-23 | 8 | 11 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 5-Year Avg | 9.0 | 9.4 | 1.2 | 2.4 | 1.0 | 0.4 | 0.6 | 0.4 | 0.2 | 0.2 | 0.0 | 24.8 |
| 10-Year Avg | 8.2 | 8.0 | 2.7 | 3.2 | 1.9 | 0.4 | 0.7 | 0.5 | 0.5 | 0.2 | 0.1 | 26.4 |
| 15-Year Avg | 7.0 | 7.6 | 3.1 | 2.9 | 2.2 | 0.4 | 0.6 | 0.5 | 0.5 | 0.3 | 0.1 | 25.2 |
| 15-Year Median | 6.0 | 8.0 | 3.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.0 |

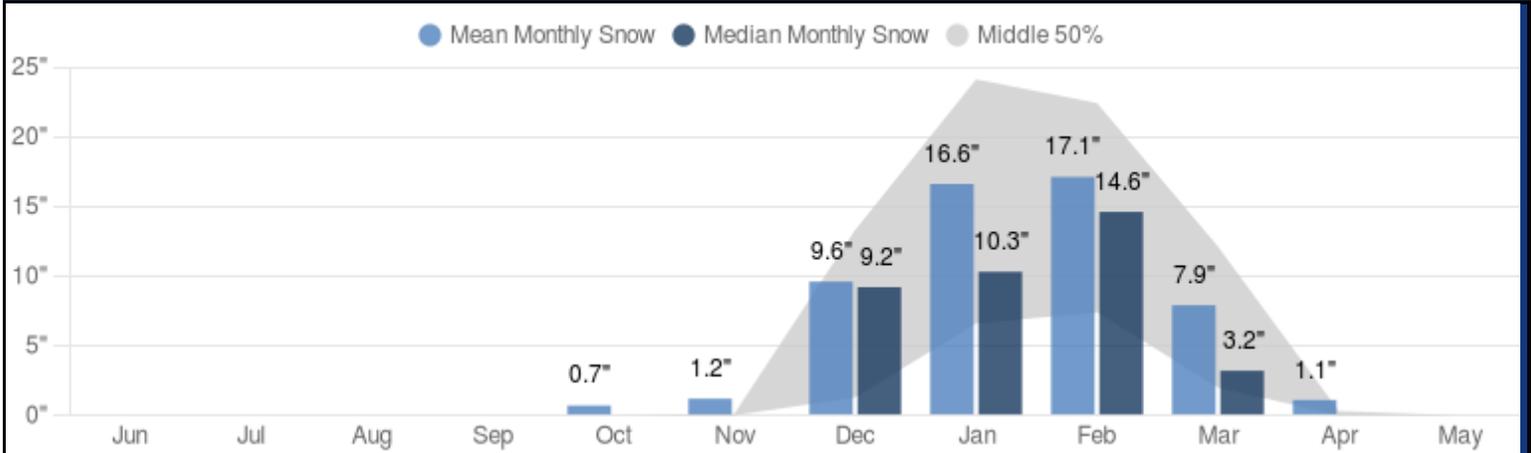
| NUMBER OF ICE EVENTS AND EVENT TYPE BREAKDOWN | | | | | | | | | | | | |
|-----------------------------------------------|----------|------------|------------|------------|------------|------------|------------|--------|----------|-------|------|-------|
| | Coatings | 0.10-0.19" | 0.20-0.29" | 0.30-0.44" | 0.45-0.59" | 0.60-0.79" | 0.80-0.99" | >1.00" | Ice Only | Mixed | Snow | Total |
| 08-09 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20 | 24 |
| 09-10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 21 | 24 |
| 10-11 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 23 | 27 |
| 11-12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | 15 |
| 12-13 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 22 | 25 |
| 13-14 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 23 | 33 |
| 14-15 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 31 | 38 |
| 15-16 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 16 | 20 |
| 16-17 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 18 | 24 |
| 17-18 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 27 | 30 |
| 18-19 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 18 | 22 |
| 19-20 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 17 | 21 |
| 20-21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 29 | 35 |
| 21-22 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 19 | 23 |
| 22-23 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 25 |
| 5-Year Avg | 3.6 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 4.0 | 20.8 | 25.2 |
| 10-Year Avg | 4.5 | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 4.5 | 21.9 | 27.1 |
| 15-Year Avg | 4.1 | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 4.3 | 20.9 | 25.7 |
| 15-Year Median | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 21.0 | 25.0 |

SNOWTISTICS™ BY WEATHERWORKS: TOWN NAME INFORMATION



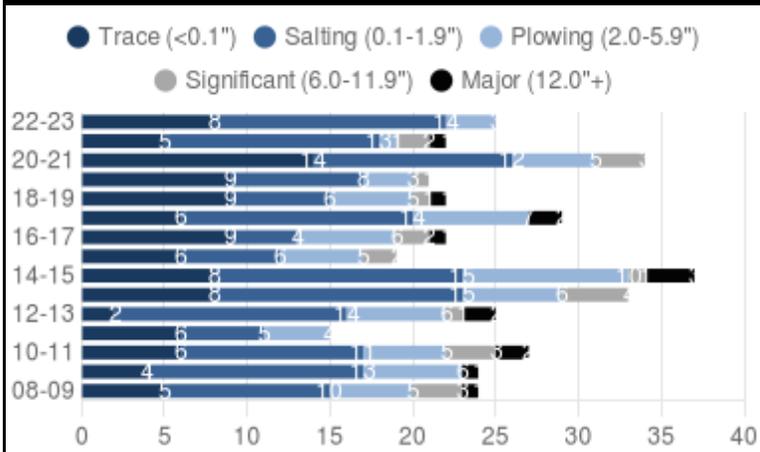
SEASONAL TOTALS

The above **Seasonal Totals** graph depicts the total snow/sleet accumulation from each of the past 15 seasons. The yellow line shows the 15-year average. Grey shading depicts the standard deviation, which is where a seasonal total will end up approximately two-thirds of the time based upon the last 15 years.



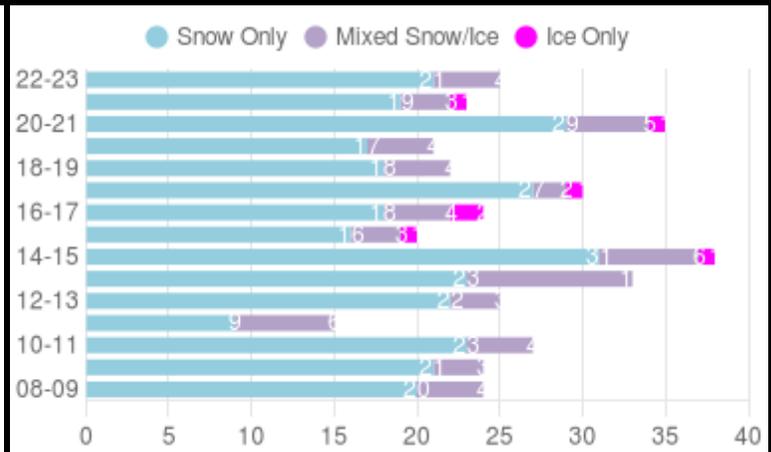
MONTHLY TOTALS

The above **Monthly Totals** graph depicts the 15-year average (mean) and median snowfall per month. The median is the midpoint of the data. Grey shading depicts the middle 50% range of snowfall totals per month (25% of winter seasons are higher, 25% of winter seasons are lower).



SEASONAL EVENT COUNTS

The above **Seasonal Event Counts** graph depicts the number of Trace, Salting (Salt), Plowing (Plow), Significant (Sig), and Major events that occurred each of the past 15 winter seasons.



SEASONAL EVENT TYPES

The above **Seasonal Event Types** graph depicts the number of Snow Only, Mixed, and Ice Only events that occurred each of the past 15 winter seasons.