

**Astoria: Snowfall (inches) Records and Extremes**  
1889-2023<sup>1</sup> ( - indicates zero or no occurrences)

| **<br><br>Snow | Jul   | Aug | Sep | Oct | Nov               | Dec               | Jan               | Feb               | Mar               | Apr               | May | Jun | Season               |
|----------------|---|-----|-----|-----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|-----|----------------------|
|                | MOST snowfall in a month/season, and year of occurrence               |     |     |     |                   |                   |                   |                   |                   |                   |     |     |                      |
|                | 0   | 0   | 0   | 0   | 4.6"              | 19.0"             | 27.3"             | 8.5"              | 12.8"             | 1.1"              | 0   | 0   | 31.8"                |
|                |   |     |     |     | 1985              | 1964              | 1916              | 1952              | 1951              | 1975              |     |     | 1968-69              |
|                | LEAST snowfall in a month/season, and year of occurrence <sup>2</sup> |     |     |     |                   |                   |                   |                   |                   |                   |     |     |                      |
|                | 0   | 0   | 0   | 0   | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0   | 0   | 0                    |
|                |   |     |     |     | 2021 <sup>2</sup> | 2021 <sup>2</sup> | 2022 <sup>2</sup> | 2022 <sup>2</sup> | 2022 <sup>2</sup> | 2022 <sup>2</sup> |     |     | 2021-22 <sup>2</sup> |

|                               | Days with Measureable Snow (≥0.1 inch) |      |                   |       |                        | Consecutive Days w/Snow on Ground |              | Greatest Snowfall in a 24-hour Period |      |             | Greatest Snow Depth (inches) |                   |                           |
|-------------------------------|--|------|-------------------|-------|------------------------|-----------------------------------|--------------|---------------------------------------|------|-------------|------------------------------|-------------------|---------------------------|
|                               | avg                                    | most | year              | least | year                   | days                              | year         | snow                                  | year | dates       | depth                        | year              | date                      |
| <i>Oct</i>                    | 0                                      | -    | -                 | -     | -                      | -                                 | -            | -                                     | -    | -           | -                            | -                 | -                         |
| <i>Nov</i>                    | < 1                                    | 3    | 1975 <sup>2</sup> | 0     | 2021 <sup>2</sup>      | 1                                 | 1955         | 4.3"                                  | 1985 | 30 Nov      | 2"                           | 1955              | 17 Nov                    |
| <i>Dec</i>                    | < 1                                    | 7    | 1964              | 0     | 2021 <sup>2</sup>      | 10                                | 1922         | 12.5"                                 | 1922 | 11 Dec      | 7"                           | 1892              | 21 Dec                    |
| <i>Jan</i>                    | 1                                      | 12   | 1950              | 0     | 2022 <sup>2</sup>      | 15                                | 1930         | 10.8"                                 | 1971 | 12 Jan      | 18"                          | 1969 <sup>2</sup> | 30 Jan                    |
| <i>Feb</i>                    | 1                                      | 5    | 1936              | 0     | 2022 <sup>2</sup>      | 6                                 | 1893         | 6.0"                                  | 1923 | 13 Feb      | 6"                           | 1923              | 13 Feb                    |
| <i>Mar</i>                    | 0                                      | 6    | 1951              | 0     | 2022 <sup>2</sup>      | 7                                 | 1951         | 5.9"                                  | 1960 | 2-3 Mar     | 12"                          | 1951              | 8-10 Mar                  |
| <i>Apr</i>                    | 0                                      | 2    | 1975              | 0     | 2022 <sup>2</sup>      | -                                 | -            | 1.0"                                  | 1975 | 3 Apr       | T                            | 1975              | 4 Apr                     |
| <i>May</i>                    | 0                                      | -    | -                 | -     | -                      | -                                 | -            | -                                     | -    | -           | -                            | -                 | -                         |
| <b>Winter Season Extremes</b> |  |      |                   |       |                        |                                   |              |                                       |      |             |                              |                   |                           |
|                               | 2                                      | 15   | 1968-1969         | 0     | 2019-2020 <sup>2</sup> | 15                                | Jan/Feb 1969 | 12.5"                                 |      | 11 Dec 1922 | 18"                          |                   | 30 Jan 1969 & 15 Jan 1950 |

|              | First Snow of Winter Season |             |          |  | Last Snow of Winter Season |             |          |
|--------------|-----------------------------|-------------|----------|--|----------------------------|-------------|----------|
|              | average                     | date(s)     | snowfall |  | average                    | date(s)     | snowfall |
| ≥ Trace      | 26 Dec                      | 2 Nov 2004  | trace    |  | 22 Feb                     | 12 Apr 1911 | 0.8"     |
| ≥ 0.1 inch   | 5 Jan                       | 15 Nov 1896 | 0.5"     |  | 10 Feb                     | 12 Apr 1911 | 0.8"     |
| ≥ 1.0 inch   | 9 Jan                       | 16 Nov 1955 | 2.0"     |  | 3 Feb                      | 3 Apr 1975  | 1.0"     |
| ≥ 2.0 inches | 14 Jan                      | 16 Nov 1955 | 2.0"     |  | 26 Jan                     | 29 Mar 1936 | 2.2"     |
| ≥ 5.0 inches | 8 Jan                       | 11 Dec 1922 | 12.5"    |  | 20 Jan                     | 5 Feb 1899  | 5.5"     |

<sup>1</sup>Regular snowfall measurements at Astoria ended in 1993. Measurements for Astoria airport derived from Fort Clatsop data and other local reports.

<sup>2</sup>Occurred often, most recent year of occurrence listed.

**Christmas Snow<sup>3</sup> (1892-2012)**

| Chance of Snow for Christmas |        |                        |       |                |        |                        |        |
|------------------------------|--------|------------------------|-------|----------------|--------|------------------------|--------|
|                              |        |                        |       |                |        |                        | < 0.3% |
| 24 December                  |        |                        |       | 25 December    |        |                        |        |
| Snow that Fell               |        | Snow already on Ground |       | Snow that Fell |        | Snow already on Ground |        |
| year                         | amount | year                   | depth | year           | amount | year                   | depth  |
| 1990                         | Trace  | 1990                   | 1"    | 1983           | Trace  | 1990                   | 1"     |
| 1983                         | Trace  | 1983                   | Trace | 1965           | Trace  | 1983                   | Trace  |
| 1951                         | Trace  | 1937                   | Trace | 1952           | Trace  | 1965                   | Trace  |
| 1937                         | Trace  |                        |       | 1951           | Trace  | 1952                   | Trace  |
|                              |        |                        |       | 1937           | Trace  | 1937                   | Trace  |
|                              |        |                        |       | 1916           | 3.2"   |                        |        |

<sup>3</sup>Due to lack of observations, the snow that fell in 2008 may or may not have been on the ground for Christmas.