

Summary of Monthly Normals  
1991-2020

Generated on 05/23/2024

Current Location: Elev: 63 ft. Lat: 58.6794° N Lon: 156.6294° W  
Station: KING SALMON, AK US USW00025503

| Temperature (°F) |           |           |      |                       |                       |                       |                     |      |      |     |     |     |                     |        |        |        |                     |           |           |           |           |          |
|------------------|-----------|-----------|------|-----------------------|-----------------------|-----------------------|---------------------|------|------|-----|-----|-----|---------------------|--------|--------|--------|---------------------|-----------|-----------|-----------|-----------|----------|
| Mean             |           |           |      |                       |                       |                       | Cooling Degree Days |      |      |     |     |     | Heating Degree Days |        |        |        | Mean Number of Days |           |           |           |           |          |
|                  |           |           |      |                       |                       |                       | Base (above)        |      |      |     |     |     | Base (above)        |        |        |        |                     |           |           |           |           |          |
| Month            | Daily Max | Daily Min | Mean | Long Term Max Std Dev | Long Term Min Std Dev | Long Term Avg Std Dev | 55                  | 57   | 60   | 65  | 70  | 72  | 55                  | 57     | 60     | 65     | Max >= 100          | Max >= 90 | Max >= 50 | Max <= 32 | Min <= 32 | Min <= 0 |
| 01               | 23.5      | 9.8       | 16.6 | 8.8                   | 10.4                  | 9.5                   | 0.0                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 1188.7              | 1250.7 | 1343.7 | 1498.7 | 0.0                 | 0.0       | 0.3       | 18.0      | 27.1      | 10.6     |
| 02               | 29.5      | 14.7      | 22.1 | 7.4                   | 8.7                   | 8.0                   | 0.0                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 921.2               | 977.2  | 1061.2 | 1201.2 | 0.0                 | 0.0       | 0.1       | 12.0      | 24.7      | 6.6      |
| 03               | 31.8      | 15.2      | 23.5 | 6.5                   | 8.4                   | 7.4                   | 0.0                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 976.3               | 1038.3 | 1131.3 | 1286.3 | 0.0                 | 0.0       | 0.6       | 13.4      | 27.9      | 6.4      |
| 04               | 44.5      | 27.6      | 36.0 | 4.0                   | 3.5                   | 3.5                   | 0.1                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 568.6               | 628.5  | 718.5  | 868.5  | 0.0                 | 0.0       | 9.2       | 2.8       | 22.6      | 0.2      |
| 05               | 55.2      | 36.1      | 45.6 | 3.2                   | 2.4                   | 2.4                   | 1.6                 | 0.5  | 0.1  | 0.0 | 0.0 | 0.0 | 291.5               | 352.4  | 444.9  | 599.9  | 0.0                 | 0.0       | 23.9      | 0.1       | 10.1      | 0.0      |
| 06               | 62.1      | 43.5      | 52.8 | 3.1                   | 1.4                   | 2.0                   | 30.9                | 16.5 | 5.5  | 0.4 | 0.0 | 0.0 | 96.9                | 142.5  | 221.5  | 366.4  | 0.0                 | 0.0       | 29.2      | 0.0       | 0.7       | 0.0      |
| 07               | 64.6      | 48.9      | 56.7 | 3.3                   | 1.4                   | 2.1                   | 82.7                | 47.8 | 16.4 | 1.8 | 0.1 | 0.0 | 28.4                | 55.6   | 117.2  | 257.6  | 0.0                 | 0.0       | 30.9      | 0.0       | 0.0       | 0.0      |
| 08               | 63.3      | 48.0      | 55.7 | 2.8                   | 1.8                   | 1.9                   | 60.0                | 31.9 | 9.4  | 0.6 | 0.0 | 0.0 | 39.9                | 73.8   | 144.3  | 290.6  | 0.0                 | 0.0       | 31.0      | 0.0       | 0.4       | 0.0      |
| 09               | 56.3      | 41.0      | 48.7 | 2.5                   | 2.9                   | 2.3                   | 7.6                 | 2.8  | 0.3  | 0.0 | 0.0 | 0.0 | 198.1               | 253.3  | 340.8  | 490.5  | 0.0                 | 0.0       | 26.6      | 0.0       | 5.9       | 0.0      |
| 10               | 43.8      | 29.0      | 36.4 | 4.5                   | 5.3                   | 4.8                   | 0.1                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 576.7               | 638.6  | 731.6  | 886.6  | 0.0                 | 0.0       | 9.3       | 3.8       | 19.7      | 0.3      |
| 11               | 31.9      | 18.2      | 25.0 | 6.2                   | 7.5                   | 6.8                   | 0.0                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 898.5               | 958.5  | 1048.5 | 1198.5 | 0.0                 | 0.0       | 1.0       | 13.3      | 25.3      | 4.5      |
| 12               | 25.7      | 11.4      | 18.6 | 7.0                   | 9.0                   | 8.0                   | 0.0                 | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 1130.0              | 1192.0 | 1285.0 | 1440.0 | 0.0                 | 0.0       | 0.1       | 16.8      | 27.8      | 9.9      |
| Summary          | 44.4      | 28.6      | 36.5 | 4.9                   | 5.2                   | 4.9                   | 183                 | 99   | 32   | 3   | 0   | 0   | 6915                | 7561   | 8588   | 10385  | 0.0                 | 0.0       | 162.2     | 80.2      | 192.2     | 38.5     |

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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**Summary of Monthly Normals**  
**1991-2020**  
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| Precipitation (in.) |        |                     |         |         |         |                                                                                                                        |       |       |  |
|---------------------|--------|---------------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------------|-------|-------|--|
|                     | Totals | Mean Number of Days |         |         |         | Precipitation Probabilities<br>Probability that precipitation will be<br>equal to or less than<br>the indicated amount |       |       |  |
|                     | Means  | Daily Precipitation |         |         |         | Monthly Precipitation<br>vs. Probability Levels                                                                        |       |       |  |
| Month               | Mean   | >= 0.01             | >= 0.10 | >= 0.50 | >= 1.00 | 0.25                                                                                                                   | 0.50  | 0.75  |  |
| 01                  | 0.93   | 10.0                | 3.3     | 0.1     | 0.0     | 0.48                                                                                                                   | 0.87  | 1.30  |  |
| 02                  | 0.91   | 10.1                | 3.3     | 0.2     | 0.0     | 0.47                                                                                                                   | 0.73  | 1.23  |  |
| 03                  | 0.76   | 9.2                 | 2.9     | 0.0     | 0.0     | 0.33                                                                                                                   | 0.67  | 1.28  |  |
| 04                  | 1.04   | 10.8                | 3.8     | 0.1     | 0.0     | 0.64                                                                                                                   | 0.91  | 1.33  |  |
| 05                  | 1.44   | 12.3                | 4.9     | 0.4     | 0.0     | 0.77                                                                                                                   | 1.21  | 1.84  |  |
| 06                  | 1.83   | 14.4                | 5.8     | 0.5     | 0.1     | 1.14                                                                                                                   | 2.00  | 2.41  |  |
| 07                  | 2.46   | 16.2                | 7.8     | 0.9     | 0.0     | 1.91                                                                                                                   | 2.43  | 3.09  |  |
| 08                  | 3.26   | 17.1                | 9.7     | 1.4     | 0.2     | 2.31                                                                                                                   | 3.19  | 4.31  |  |
| 09                  | 3.40   | 18.0                | 10.1    | 1.5     | 0.2     | 2.26                                                                                                                   | 3.30  | 3.96  |  |
| 10                  | 2.31   | 14.7                | 6.8     | 1.0     | 0.1     | 1.60                                                                                                                   | 2.08  | 3.22  |  |
| 11                  | 1.72   | 13.2                | 5.4     | 0.5     | 0.1     | 0.95                                                                                                                   | 1.40  | 2.58  |  |
| 12                  | 1.38   | 12.9                | 4.7     | 0.3     | 0.0     | 0.81                                                                                                                   | 1.39  | 1.88  |  |
| Summary             | 21.44  | 158.9               | 68.5    | 6.9     | 0.7     | 13.67                                                                                                                  | 20.18 | 28.43 |  |

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U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service

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**Summary of Monthly Normals**  
**1991-2020**  
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National Centers for Environmental Information  
151 Patton Avenue  
Asheville, North Carolina 28801

| Snow (in.) |                  |                        |      |     |      |       |                          |      |      |     |                                                                                                   |      |       |
|------------|------------------|------------------------|------|-----|------|-------|--------------------------|------|------|-----|---------------------------------------------------------------------------------------------------|------|-------|
|            | Totals           | Mean Number of Days    |      |     |      |       |                          |      |      |     | Snow Probabilities<br>Probability that snow will be equal to<br>or less than the indicated amount |      |       |
|            | Means            | Snowfall >= Thresholds |      |     |      |       | Snow Depth >= Thresholds |      |      |     | Monthly Snow vs. Probability Levels<br>Values derived from the<br>incomplete gamma distribution.  |      |       |
| Month      | Snowfall<br>Mean | 0.01                   | 1.0  | 3.0 | 5.00 | 10.00 | 1                        | 3    | 5    | 10  | .25                                                                                               | .50  | .75   |
| 01         | 8.60             | 8.2                    | 3.0  | 0.5 | 0.1  | 0.0   | 17.6                     | 9.7  | 4.1  | 1.3 | 3.70                                                                                              | 6.90 | 10.90 |
| 02         | 7.20             | 8.3                    | 2.7  | 0.3 | 0.1  | 0.0   | 16.3                     | 9.2  | 4.6  | 0.7 | 3.20                                                                                              | 5.40 | 8.90  |
| 03         | 7.20             | 8.1                    | 2.9  | 0.6 | 0.1  | 0.1   | 13.4                     | 7.5  | 4.5  | 0.6 | 2.30                                                                                              | 4.50 | 9.00  |
| 04         | 4.40             | 4.8                    | 1.3  | 0.2 | 0.1  | 0.0   | 4.2                      | 1.8  | 0.8  | 0.0 | 1.00                                                                                              | 2.90 | 6.00  |
| 05         | 0.60             | 0.7                    | 0.2  | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.60  |
| 06         | 0.00             | 0.0                    | 0.0  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 07         | 0.00             | 0.0                    | 0.0  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 08         | 0.00             | 0.0                    | 0.0  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 09         | 0.00             | 0.1                    | 0.0  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 10         | 2.50             | 2.7                    | 0.7  | 0.2 | 0.1  | 0.0   | 2.2                      | 0.9  | 0.4  | 0.0 | 0.30                                                                                              | 0.90 | 3.30  |
| 11         | 6.70             | 7.4                    | 2.4  | 0.5 | 0.0  | 0.0   | 10.4                     | 4.4  | 1.2  | 0.0 | 2.80                                                                                              | 5.00 | 10.40 |
| 12         | 10.20            | 9.9                    | 3.4  | 0.8 | 0.2  | 0.1   | 20.2                     | 12.9 | 6.4  | 1.0 | 4.70                                                                                              | 8.70 | 14.80 |
| Summary    | 47.4             | 50.2                   | 16.6 | 3.1 | 0.7  | 0.2   | 84.4                     | 46.4 | 22.0 | 3.6 | 18.0                                                                                              | 34.3 | 63.9  |

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Current Location: Elev: 63 ft. Lat: 58.6794° N Lon: 156.6294° W  
Station: KING SALMON, AK US USW00025503

| Growing Degree Units (Monthly)          |     |     |     |      |       |       |       |       |       |      |      |     |
|-----------------------------------------|-----|-----|-----|------|-------|-------|-------|-------|-------|------|------|-----|
| Base                                    | Jan | Feb | Mar | Apr  | May   | Jun   | Jul   | Aug   | Sep   | Oct  | Nov  | Dec |
| Growing Degree Units (Monthly)          |     |     |     |      |       |       |       |       |       |      |      |     |
| Base                                    | Jan | Feb | Mar | Apr  | May   | Jun   | Jul   | Aug   | Sep   | Oct  | Nov  | Dec |
| 40                                      | 4.6 | 4.5 | 3.3 | 42.6 | 187.7 | 384.2 | 519.2 | 485.0 | 268.2 | 63.0 | 10.8 | 3.5 |
| 45                                      | 0.9 | 0.8 | 0.1 | 8.1  | 71.4  | 237.3 | 364.2 | 330.1 | 141.6 | 18.7 | 2.1  | 0.1 |
| 50                                      | 0.1 | 0.1 | 0.0 | 1.1  | 13.4  | 108.9 | 211.5 | 179.0 | 48.3  | 3.0  | 0.1  | 0.0 |
| 55                                      | 0.0 | 0.0 | 0.0 | 0.1  | 1.6   | 30.9  | 82.7  | 60.0  | 7.6   | 0.1  | 0.0  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.0 | 0.0  | 0.1   | 5.5   | 16.4  | 9.4   | 0.3   | 0.0  | 0.0  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |     |      |       |       |       |       |       |      |      |     |
| 50/86                                   | 0.3 | 0.3 | 0.5 | 19.0 | 95.6  | 185.9 | 242.2 | 223.1 | 104.5 | 14.4 | 0.8  | 0.1 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |    |     |     |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|----|-----|-----|------|------|------|------|------|------|
| 40                                                  | 5 | 9 | 12 | 55 | 243 | 627 | 1146 | 1631 | 1899 | 1962 | 1973 | 1977 |
| 45                                                  | 1 | 2 | 2  | 10 | 81  | 319 | 683  | 1013 | 1154 | 1173 | 1175 | 1175 |
| 50                                                  | 0 | 0 | 0  | 1  | 15  | 124 | 335  | 514  | 562  | 565  | 566  | 566  |
| 55                                                  | 0 | 0 | 0  | 0  | 2   | 33  | 115  | 175  | 183  | 183  | 183  | 183  |
| 60                                                  | 0 | 0 | 0  | 0  | 0   | 6   | 22   | 31   | 32   | 32   | 32   | 32   |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |    |     |     |      |      |      |      |      |      |
| 50/86                                               | 0 | 1 | 1  | 20 | 116 | 302 | 544  | 767  | 871  | 886  | 887  | 887  |

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.  
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.