

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 597 ft. Lat: 64.8603° N Lon: 147.8483° W

Station: COLLEGE OBSY, AK US USC00502107

| 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               | 2.2       | -11.5     | -4.7 | 8.7                   | 8.2                   | 8.4                   | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1849.0              | 1911.0 | 2004.0 | 2159.0 | 0.0                 | 0.0       | 0.0       | 29.7      | 31.0      | 22.5     |
| 02               | 12.0      | -5.3      | 3.3  | 6.5                   | 6.5                   | 6.5                   | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1446.2              | 1502.2 | 1586.2 | 1726.2 | 0.0                 | 0.0       | 0.0       | 25.7      | 28.0      | 17.0     |
| 03               | 23.6      | 0.7       | 12.2 | 7.1                   | 7.8                   | 7.4                   | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1328.2              | 1390.2 | 1483.2 | 1638.2 | 0.0                 | 0.0       | 0.5       | 21.5      | 31.0      | 14.5     |
| 04               | 44.0      | 21.7      | 32.9 | 5.3                   | 4.7                   | 4.9                   | 0.5                 | 0.2   | 0.1  | 0.0  | 0.0 | 0.0 | 665.0               | 724.7  | 814.6  | 964.5  | 0.0                 | 0.0       | 10.6      | 4.8       | 26.7      | 1.7      |
| 05               | 60.3      | 36.8      | 48.6 | 4.4                   | 3.0                   | 3.6                   | 22.6                | 12.8  | 4.6  | 0.5  | 0.0 | 0.0 | 222.5               | 274.8  | 359.6  | 510.4  | 0.0                 | 0.0       | 27.0      | 0.1       | 8.8       | 0.0      |
| 06               | 70.1      | 47.9      | 59.0 | 2.7                   | 1.8                   | 2.0                   | 152.0               | 111.4 | 64.5 | 18.5 | 3.2 | 1.4 | 32.1                | 51.4   | 94.5   | 198.6  | 0.0                 | 0.1       | 29.9      | 0.0       | 0.2       | 0.0      |
| 07               | 71.3      | 51.0      | 61.2 | 2.8                   | 1.7                   | 2.1                   | 204.2               | 153.2 | 88.3 | 23.2 | 2.8 | 0.9 | 13.6                | 24.5   | 52.7   | 142.6  | 0.0                 | 0.0       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 65.1      | 45.6      | 55.3 | 3.4                   | 2.4                   | 2.7                   | 79.0                | 51.3  | 23.5 | 4.8  | 0.6 | 0.2 | 68.2                | 102.5  | 167.7  | 304.0  | 0.0                 | 0.1       | 30.7      | 0.0       | 0.7       | 0.0      |
| 09               | 53.8      | 34.5      | 44.1 | 4.4                   | 3.5                   | 3.8                   | 3.2                 | 1.0   | 0.2  | 0.0  | 0.0 | 0.0 | 328.7               | 386.5  | 475.7  | 625.5  | 0.0                 | 0.0       | 21.1      | 0.5       | 11.8      | 0.0      |
| 10               | 33.2      | 18.2      | 25.7 | 5.6                   | 6.3                   | 5.8                   | 0.3                 | 0.1   | 0.0  | 0.0  | 0.0 | 0.0 | 908.5               | 970.4  | 1063.3 | 1218.3 | 0.0                 | 0.0       | 2.7       | 14.1      | 29.3      | 2.8      |
| 11               | 12.1      | -0.9      | 5.6  | 6.9                   | 7.4                   | 7.1                   | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1481.9              | 1541.9 | 1631.9 | 1781.9 | 0.0                 | 0.0       | 0.0       | 27.9      | 30.0      | 15.1     |
| 12               | 5.0       | -8.0      | -1.5 | 6.7                   | 6.8                   | 6.7                   | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1751.5              | 1813.5 | 1906.5 | 2061.5 | 0.0                 | 0.0       | 0.0       | 29.8      | 31.0      | 22.8     |
| Summary          | 37.7      | 19.2      | 28.5 | 5.4                   | 5.0                   | 5.1                   | 462                 | 330   | 181  | 47   | 7   | 2   | 10095               | 10694  | 11640  | 13331  | 0.0                 | 0.2       | 153.5     | 154.1     | 228.5     | 96.4     |

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

Current Location: Elev: 597 ft. Lat: 64.8603° N Lon: 147.8483° W  
Station: COLLEGE OBSY, AK US USC00502107

Summary of Monthly Normals  
1991-2020  
Generated on 06/04/2024

| 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                  | 0.66   | 8.8                 | 2.2     | 0.1     | 0.0     | 0.35                                                                                                                   | 0.45  | 0.90  |  |
| 02                  | 0.57   | 7.5                 | 1.8     | 0.1     | 0.0     | 0.26                                                                                                                   | 0.37  | 0.81  |  |
| 03                  | 0.45   | 5.7                 | 1.1     | 0.1     | 0.0     | 0.15                                                                                                                   | 0.27  | 0.48  |  |
| 04                  | 0.37   | 4.1                 | 1.3     | 0.1     | 0.0     | 0.07                                                                                                                   | 0.16  | 0.46  |  |
| 05                  | 0.61   | 6.8                 | 2.1     | 0.1     | 0.0     | 0.23                                                                                                                   | 0.54  | 0.84  |  |
| 06                  | 1.92   | 12.1                | 5.0     | 1.1     | 0.1     | 1.09                                                                                                                   | 1.94  | 2.55  |  |
| 07                  | 2.49   | 14.4                | 6.9     | 1.1     | 0.1     | 1.39                                                                                                                   | 2.14  | 3.33  |  |
| 08                  | 2.37   | 16.0                | 7.0     | 0.9     | 0.1     | 1.72                                                                                                                   | 2.19  | 2.99  |  |
| 09                  | 1.56   | 12.3                | 4.9     | 0.5     | 0.0     | 0.98                                                                                                                   | 1.51  | 1.86  |  |
| 10                  | 0.87   | 9.7                 | 3.1     | 0.1     | 0.0     | 0.48                                                                                                                   | 0.74  | 1.15  |  |
| 11                  | 0.83   | 9.8                 | 2.7     | 0.2     | 0.0     | 0.34                                                                                                                   | 0.66  | 1.35  |  |
| 12                  | 0.64   | 9.0                 | 2.0     | 0.1     | 0.0     | 0.36                                                                                                                   | 0.62  | 0.80  |  |
| Summary             | 13.34  | 116.2               | 40.1    | 4.5     | 0.3     | 7.42                                                                                                                   | 11.59 | 17.52 |  |

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

Current Location: Elev: 597 ft. Lat: 64.8603° N Lon: 147.8483° W  
Station: COLLEGE OBSY, AK US USC00502107

Summary of Monthly Normals  
1991-2020  
Generated on 06/04/2024

| 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         | 10.40            | 10.1                   | 3.1  | 0.8 | 0.2  | 0.0   | 30.9                     | 30.9  | 30.7  | 29.3  | 5.10                                                                                              | 8.40  | 12.70 |
| 02         | 9.90             | 8.5                    | 3.0  | 0.6 | 0.2  | 0.1   | 28.5                     | 28.5  | 28.5  | 28.2  | 3.00                                                                                              | 7.70  | 14.80 |
| 03         | 7.10             | 6.8                    | 2.2  | 0.5 | 0.1  | 0.0   | 31.0                     | 31.0  | 31.0  | 30.6  | 2.90                                                                                              | 4.20  | 7.70  |
| 04         | 3.60             | 3.2                    | 1.2  | 0.2 | 0.1  | 0.0   | 21.9                     | 21.0  | 20.0  | 15.6  | 0.60                                                                                              | 2.00  | 4.10  |
| 05         | 0.80             | 0.7                    | 0.3  | 0.0 | 0.0  | 0.0   | 1.4                      | 1.3   | 1.2   | 0.6   | 0.00                                                                                              | 0.00  | 0.20  |
| 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         | 2.30             | 1.0                    | 0.5  | 0.2 | 0.1  | 0.0   | 1.4                      | 1.0   | 0.8   | 0.2   | 0.00                                                                                              | 0.00  | 1.60  |
| 10         | 7.50             | 8.7                    | 3.4  | 0.4 | 0.0  | 0.0   | 17.3                     | 11.8  | 6.6   | 0.9   | 4.70                                                                                              | 6.30  | 9.30  |
| 11         | 11.20            | 11.3                   | 4.6  | 0.9 | 0.2  | 0.0   | 29.2                     | 27.6  | 22.5  | 9.6   | 4.20                                                                                              | 8.80  | 17.20 |
| 12         | 11.50            | 10.7                   | 3.4  | 0.7 | 0.1  | 0.1   | 30.9                     | 30.9  | 29.7  | 22.9  | 3.90                                                                                              | 10.40 | 13.50 |
| Summary    | 64.3             | 61.0                   | 21.7 | 4.3 | 1.0  | 0.2   | 192.5                    | 184.0 | 171.0 | 137.9 | 24.4                                                                                              | 47.8  | 81.1  |

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

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 597 ft. Lat: 64.8603° N Lon: 147.8483° W  
Station: COLLEGE OBSY, AK US USC00502107

| 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                                      | 0.0 | 0.0 | 0.1 | 43.0 | 283.3 | 569.8 | 655.4 | 475.7 | 173.6 | 10.6 | 0.0 | 0.0 |
| 45                                      | 0.0 | 0.0 | 0.0 | 13.8 | 159.0 | 421.1 | 500.7 | 323.3 | 79.2  | 2.8  | 0.0 | 0.0 |
| 50                                      | 0.0 | 0.0 | 0.0 | 3.5  | 70.5  | 277.2 | 348.0 | 182.5 | 23.5  | 0.9  | 0.0 | 0.0 |
| 55                                      | 0.0 | 0.0 | 0.0 | 0.5  | 22.6  | 152.0 | 204.2 | 79.0  | 3.2   | 0.3  | 0.0 | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.0 | 0.1  | 4.6   | 64.5  | 88.3  | 23.5  | 0.2   | 0.0  | 0.0 | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |     |      |       |       |       |       |       |      |     |     |
| 50/86                                   | 0.0 | 0.0 | 0.4 | 33.0 | 172.5 | 323.4 | 367.5 | 245.3 | 91.8  | 6.2  | 0.0 | 0.0 |

| Growing Degree Units (Accumulated Monthly)          |   |   |   |    |     |     |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|---|----|-----|-----|------|------|------|------|------|------|
| 40                                                  | 0 | 0 | 0 | 43 | 326 | 896 | 1552 | 2027 | 2201 | 2212 | 2212 | 2212 |
| 45                                                  | 0 | 0 | 0 | 14 | 173 | 594 | 1095 | 1418 | 1497 | 1500 | 1500 | 1500 |
| 50                                                  | 0 | 0 | 0 | 4  | 74  | 351 | 699  | 882  | 905  | 906  | 906  | 906  |
| 55                                                  | 0 | 0 | 0 | 0  | 23  | 175 | 379  | 458  | 461  | 462  | 462  | 462  |
| 60                                                  | 0 | 0 | 0 | 0  | 5   | 69  | 158  | 181  | 181  | 181  | 181  | 181  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |   |    |     |     |      |      |      |      |      |      |
| 50/86                                               | 0 | 0 | 0 | 33 | 206 | 529 | 897  | 1142 | 1234 | 1240 | 1240 | 1240 |

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.