

**January Normals  
McGrath, AK (Based on data from 1981-2010)**

| Date | Temperature |     |      | Degree Days |         | Precipitation |                |               | Snowfall      |                |               |
|------|-------------|-----|------|-------------|---------|---------------|----------------|---------------|---------------|----------------|---------------|
|      | High        | Low | Mean | Heating     | Cooling | Average Daily | Monthly Accum. | Yearly Accum. | Average Daily | Monthly Accum. | Yearly Accum. |
| 1    | 2           | -15 | -6   | 71          | 0       | 0.04          | 0.04           | 0.04          | 0.6           | 0.6            | 0.6           |
| 2    | 2           | -15 | -7   | 72          | 0       | 0.04          | 0.08           | 0.08          | 0.6           | 1.2            | 1.2           |
| 3    | 2           | -15 | -7   | 72          | 0       | 0.04          | 0.12           | 0.12          | 0.5           | 1.7            | 1.7           |
| 4    | 2           | -15 | -7   | 72          | 0       | 0.05          | 0.17           | 0.17          | 0.6           | 2.3            | 2.3           |
| 5    | 2           | -16 | -7   | 72          | 0       | 0.04          | 0.21           | 0.21          | 0.6           | 2.9            | 2.9           |
| 6    | 2           | -16 | -7   | 72          | 0       | 0.04          | 0.25           | 0.25          | 0.6           | 3.5            | 3.5           |
| 7    | 1           | -16 | -7   | 72          | 0       | 0.03          | 0.28           | 0.28          | 0.5           | 4.0            | 4.0           |
| 8    | 1           | -16 | -7   | 72          | 0       | 0.04          | 0.32           | 0.32          | 0.5           | 4.5            | 4.5           |
| 9    | 1           | -16 | -7   | 72          | 0       | 0.04          | 0.36           | 0.36          | 0.6           | 5.1            | 5.1           |
| 10   | 1           | -16 | -7   | 72          | 0       | 0.04          | 0.40           | 0.40          | 0.5           | 5.6            | 5.6           |
| 11   | 1           | -16 | -7   | 72          | 0       | 0.03          | 0.43           | 0.43          | 0.5           | 6.1            | 6.1           |
| 12   | 1           | -16 | -7   | 72          | 0       | 0.04          | 0.47           | 0.47          | 0.5           | 6.6            | 6.6           |
| 13   | 1           | -16 | -7   | 72          | 0       | 0.03          | 0.50           | 0.50          | 0.5           | 7.1            | 7.1           |
| 14   | 1           | -16 | -7   | 72          | 0       | 0.03          | 0.53           | 0.53          | 0.5           | 7.6            | 7.6           |
| 15   | 1           | -16 | -7   | 72          | 0       | 0.04          | 0.57           | 0.57          | 0.5           | 8.1            | 8.1           |
| 16   | 1           | -16 | -7   | 72          | 0       | 0.03          | 0.60           | 0.60          | 0.5           | 8.6            | 8.6           |
| 17   | 2           | -16 | -7   | 72          | 0       | 0.03          | 0.63           | 0.63          | 0.5           | 9.1            | 9.1           |
| 18   | 2           | -16 | -7   | 72          | 0       | 0.03          | 0.66           | 0.66          | 0.4           | 9.5            | 9.5           |
| 19   | 2           | -16 | -7   | 72          | 0       | 0.03          | 0.69           | 0.69          | 0.5           | 10.0           | 10.0          |
| 20   | 2           | -16 | -7   | 72          | 0       | 0.04          | 0.73           | 0.73          | 0.4           | 10.4           | 10.4          |
| 21   | 2           | -15 | -7   | 72          | 0       | 0.03          | 0.76           | 0.76          | 0.5           | 10.9           | 10.9          |
| 22   | 2           | -15 | -6   | 71          | 0       | 0.03          | 0.79           | 0.79          | 0.5           | 11.4           | 11.4          |
| 23   | 3           | -15 | -6   | 71          | 0       | 0.03          | 0.82           | 0.82          | 0.4           | 11.8           | 11.8          |
| 24   | 3           | -15 | -6   | 71          | 0       | 0.03          | 0.85           | 0.85          | 0.5           | 12.3           | 12.3          |
| 25   | 3           | -15 | -6   | 71          | 0       | 0.04          | 0.89           | 0.89          | 0.5           | 12.8           | 12.8          |
| 26   | 4           | -14 | -5   | 70          | 0       | 0.03          | 0.92           | 0.92          | 0.5           | 13.3           | 13.3          |
| 27   | 4           | -14 | -5   | 70          | 0       | 0.04          | 0.96           | 0.96          | 0.5           | 13.8           | 13.8          |
| 28   | 4           | -14 | -5   | 70          | 0       | 0.03          | 0.99           | 0.99          | 0.5           | 14.3           | 14.3          |
| 29   | 5           | -14 | -5   | 70          | 0       | 0.04          | 1.03           | 1.03          | 0.4           | 14.7           | 14.7          |
| 30   | 5           | -13 | -4   | 69          | 0       | 0.03          | 1.06           | 1.06          | 0.5           | 15.2           | 15.2          |
| 31   | 5           | -13 | -4   | 69          | 0       | 0.03          | 1.09           | 1.09          | 0.5           | 15.7           | 15.7          |

|                          |       |
|--------------------------|-------|
| Average High Temperature | 2.3   |
| Average Low Temperature  | -15.3 |
| Mean Monthly Temperature | -6.5  |

|                                 |      |
|---------------------------------|------|
| Average Heating Degree Days     | 2216 |
| Accumulated Heating Degree Days | 2216 |

|                                 |   |
|---------------------------------|---|
| Average Cooling Degree Days     | 0 |
| Accumulated Cooling Degree Days | 0 |

|                             |      |
|-----------------------------|------|
| Average Monthly Rainfall    | 1.09 |
| Accumulated Yearly Rainfall | 1.09 |

|                             |      |
|-----------------------------|------|
| Average Monthly Snowfall    | 15.7 |
| Accumulated Yearly Snowfall | 15.7 |

The daily values presented in these tables are not simple means of observed daily values. They are interpolated from the much less variable monthly normals by use of the natural spline function. Daily precipitation normals were also computed using the natural spline function and do not exhibit the typical daily random patterns. However, they may be used to compute normal precipitation over time intervals.