

**SUMMARY OF CLIMATOLOGICAL OBSERVATION  
2020  
LANGDON RESEARCH EXTENSION CENTER  
Langdon, North Dakota**

| Month           | *<br>Precipitation (inches) |        |        | *<br>Snowfall (inches) |        |        | **<br>Heating Degree Days |         |        | **<br>Cooling Degree Days |        |        |
|-----------------|-----------------------------|--------|--------|------------------------|--------|--------|---------------------------|---------|--------|---------------------------|--------|--------|
|                 | 2020                        | Normal | Depar. | 2020                   | Normal | Depar. | 2020                      | Normal  | Depar. | 2020                      | Normal | Depar. |
| Jan.            | 0.78                        | 0.61   | +0.17  | 14.30                  | 7.43   | +6.87  | 1795.5                    | 1975.0  | -179.5 | --                        | --     | --     |
| Feb.            | 0.10                        | 0.54   | -0.44  | 3.60                   | 5.59   | -1.99  | 1663.5                    | 1632.0  | +31.5  | --                        | --     | --     |
| Mar.            | 0.43                        | 0.75   | -0.32  | 4.10                   | 6.69   | -2.59  | 1339.0                    | 1411.0  | -72.0  | --                        | --     | --     |
| Apr.            | 1.67                        | 1.23   | +0.44  | 7.50                   | 3.09   | +4.41  | 949.5                     | 795.0   | 154.5  | --                        | --     | --     |
| May             | 1.24                        | 2.27   | -1.03  | 2.00                   | 0.50   | +1.50  | 456.5                     | 431.0   | +25.5  | 2.0                       | 6.0    | -4.0   |
| June            | 1.95                        | 3.25   | -1.30  | 0.00                   | --     | 0.00   | 92.0                      | 163.0   | -71.0  | 97.0                      | 43.0   | +54.0  |
| July            | 6.68                        | 2.93   | +3.75  | 0.00                   | --     | 0.00   | 10.5                      | 41.0    | -30.5  | 132.0                     | 94.0   | +38.0  |
| Aug.            | 1.36                        | 2.58   | -1.22  | 0.00                   | --     | 0.00   | 53.5                      | 84.0    | -30.5  | 81.0                      | 93.0   | -12.0  |
| Sept.           | 0.57                        | 2.08   | -1.51  | 0.00                   | 0.05   | 0.00   | 315.0                     | 326.0   | -11.0  | 1.5                       | 11.0   | -9.5   |
| Oct.            | 0.64                        | 1.25   | -0.61  | 3.30                   | 2.11   | +1.19  | 948.5                     | 654.0   | +294.5 | --                        | --     | --     |
| Nov.            | 0.21                        | 0.76   | -0.55  | 3.40                   | 6.47   | -3.07  | 1187.0                    | 1224.0  | -37.0  | --                        | --     | --     |
| Dec.            | 0.41                        | 0.59   | -0.18  | 7.70                   | 7.23   | +0.47  | 1438.0                    | 1745.0  | -307.0 | --                        | --     | --     |
| Yearly<br>Total | 16.04                       | 18.84  | -2.80  | 45.90                  | 39.16  | +6.74  | 10248.5                   | 10481.0 | -232.5 | 313.5                     | 247.0  | +66.5  |

| Month   | *<br>Avg. Air Temp |        |        |
|---------|--------------------|--------|--------|
|         | 2020               | Normal | Depar. |
| Jan.    | 7.1                | 1.7    | +5.4   |
| Feb.    | 7.6                | 6.5    | +1.1   |
| Mar.    | 21.8               | 20.2   | +1.6   |
| Apr.    | 33.4               | 38.0   | -4.6   |
| May     | 50.3               | 51.6   | -1.3   |
| June    | 65.2               | 60.9   | +4.3   |
| July    | 68.9               | 66.2   | +2.7   |
| Aug.    | 65.9               | 64.5   | +1.4   |
| Sept.   | 54.6               | 54.5   | +0.1   |
| Oct.    | 34.4               | 41.6   | -7.2   |
| Nov.    | 25.4               | 23.5   | +1.9   |
| Dec.    | 18.6               | 8.3    | 10.3   |
| Average | 37.77              | 36.46  | +1.31  |

\*Normal Temperatures, Precipitation, and Snowfall based on Climatological Records at Langdon Research Extension Center, 1896-2020.

\*\*Heating and Cooling Degree Days, base 65 degrees F., base period; 1941-70, Langdon.

**Weather Records:**

July 2020: the 4th wettest July on record.

October 2020: tied for the 5th coldest October on record.

December 2020: the 5th warmest December on record.