



Portage la Prairie, Manitoba Climate Profile

Prepared by Western Canada Testing Inc. (WESTEST) using Environment Canada data

Latitude: 49°54.000' N Longitude: 98° 16.200' W Elevation: 269.70m

| TEMPERATURE | | | | | | | | | | | | |
|----------------------|---------|---------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Daily Average (°C) | -16.3 | -12.9 | -5.6 | 4.3 | 12.4 | 17.1 | 20 | 18.5 | 12.4 | 5.5 | -4.8 | -13.7 |
| Standard Deviation | 4.4 | 4.2 | 3.2 | 2.5 | 2.6 | 1.7 | 1.4 | 2 | 1.4 | 1.6 | 3.1 | 3.9 |
| Daily Maximum (°C) | -11.2 | -7.7 | -0.6 | 10.4 | 19.3 | 23.4 | 26.3 | 25.1 | 18.4 | 11 | -0.4 | -8.9 |
| Daily Minimum (°C) | -21.4 | -18.1 | -10.6 | -1.9 | 5.5 | 10.8 | 13.6 | 11.8 | 6.3 | 0 | -9.1 | -18.5 |
| Extreme Maximum (°C) | 11.1 | 12.2 | 19.4 | 34.8 | 37.8 | 37.3 | 37.2 | 40.2 | 37.8 | 30 | 22.8 | 13.9 |
| Date (yyyy/dd) | 1942/23 | 1958/25 | 1945/21 | 1980/21 | 1980/22 | 1988/11 | 1944/24+ | 1983/04 | 1983/02 | 1943/04+ | 1975/05 | 1969/01 |
| Extreme Minimum (°C) | -41.1 | -42.2 | -34.4 | -23.3 | -12.8 | -1.7 | 2.2 | 0.6 | -6.7 | -20.1 | -34.5 | -37.2 |
| Date (yyyy/dd) | 1943/20 | 1966/18 | 1962/01 | 1975/03 | 1966/01 | 1964/03 | 1965/05 | 1944/14+ | 1942/27 | 1991/31 | 1985/30 | 1967/31 |

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| PRECIPITATION | | | | | | | | | | | | |
|------------------------------|---------|----------|---------|---------|----------|----------|----------|----------|---------|----------|----------|---------|
| Rainfall (mm) | 0.4 | 0.2 | 6.3 | 23.5 | 49.2 | 80.9 | 72.8 | 71.1 | 57.2 | 28.2 | 5 | 2.6 |
| Snowfall (cm) | 30 | 22.4 | 24.4 | 12.6 | 2.6 | 0 | 0 | 0 | 1.3 | 10.6 | 23.2 | 27.2 |
| Precip. (mm) | 21 | 16.2 | 26.8 | 34.5 | 51.7 | 80.9 | 72.8 | 71.1 | 58.5 | 37.1 | 22.2 | 22 |
| Average Snow Depth (cm) | 18 | 19 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 12 |
| Median Snow Depth (cm) | 17 | 18 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 11 |
| Snow Depth at Month-end (cm) | 20 | 19 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 9 | 17 |
| Extreme Daily Rainfall (mm) | 3.8 | 3.8 | 26.7 | 38.1 | 43.4 | 87.6 | 72.6 | 95 | 56.4 | 51.4 | 20.3 | 23.6 |
| Date (yyyy/dd) | 1944/20 | 1958/23 | 1945/25 | 1971/18 | 1942/27+ | 1944/27 | 1945/15 | 1985/17 | 1978/12 | 1984/15 | 1956/05 | 1982/02 |
| Extreme Daily Snowfall (cm) | 27.3 | 18.8 | 25.4 | 53.8 | 13.3 | 0 | 0 | 0 | 13.6 | 21.8 | 24.2 | 17 |
| Date (yyyy/dd) | 1989/07 | 1961/22 | 1943/15 | 1966/27 | 1991/04 | 1942/01+ | 1941/01+ | 1941/01+ | 1984/25 | 1971/30 | 1986/08 | 1991/13 |
| Extreme Daily Precip. (mm) | 22.1 | 18.8 | 26.7 | 54.4 | 43.4 | 87.6 | 72.6 | 95 | 56.4 | 51.4 | 20.8 | 23.8 |
| Date (yyyy/dd) | 1975/24 | 1961/22 | 1945/25 | 1966/27 | 1942/27+ | 1944/27 | 1945/15 | 1985/17 | 1978/12 | 1984/15 | 1956/05+ | 1982/02 |
| Extreme Snow Depth (cm) | 69 | 78 | 79 | 59 | 33 | 0 | 0 | 0 | 2 | 30 | 51 | 53 |
| Date (yyyy/dd) | 1974/31 | 1956/17+ | 1956/09 | 1956/02 | 1966/01+ | 1955/01+ | 1955/01+ | 1955/01+ | 1984/25 | 1959/11+ | 1958/30 | 1958/04 |