


 Environment  
Canada

 Environnement  
Canada

[\[français\]](#) [\[Back\]](#)

## Canadian Climate Normals 1971-2000

The minimum number of years used to calculate these Normals is indicated by a code for each element. A "+" beside an extreme date indicates that this date is the first occurrence of the extreme value. Values and dates in bold indicate all-time extremes for the location.

*NOTE!! Data used in the calculation of these Normals may be subject to further quality assurance checks. This may result in minor changes to some values presented here.*

### RANKIN INLET A NUNAVUT

**Latitude:** 62° 49.200' N

**Longitude:** 92° 7.200' W

**Elevation:** 28.70 m

**Climate ID:** 2303401

**WMO ID:** 71083

**TC ID:** YRT

<b>Temperature:</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Daily Average (°C)	-31.9	-30.1	-25.2	-16.3	-5.9	4.2	10.4	9.5	3.4	-5.3	-17.8	-26.7
Standard Deviation	2.8	3.2	2.8	2.6	2.1	1.9	1.7	1.1	1.5	1.9	3.3	3.5
Daily Maximum (°C)	-28.3	-26.2	-20.9	-11.7	-2.4	7.9	14.9	13	5.8	-2.4	-13.9	-22.9
Daily Minimum (°C)	-35.5	-33.9	-29.5	-20.8	-9.2	0.4	5.9	5.9	0.9	-8.2	-21.6	-30.4
Extreme Maximum (°C)	23.4	-4.4	1.3	3.4	14.1	26.1	28.9	30.5	20.6	9.3	0.9	-2.4
Date (yyyy/dd)	1997/05	1998/18	1999/26	1984/17	1984/29	1993/29+	1996/31	1991/10	1996/18	1988/08	1983/04+	1999/01
Extreme Minimum (°C)	-46.1	-49.8	-43.4	-35.7	-23.8	-9.4	-1.9	-1.4	-9	-27.4	-36.5	-43.6
Date (yyyy/dd)	1982/07	1990/15	1984/11	1984/06	1991/02	1992/02	1992/04	1986/31	1989/30	1986/31	1982/24	1996/30
<b>Precipitation:</b>												
Rainfall (mm)	0	0.1	0	1	7.4	25	39.5	57.3	39.2	11.9	0.1	0
Snowfall (cm)	6.7	9.3	12.9	13.6	11.5	4.9	0	0.3	4.6	23.1	20.9	11.9
Precipitation (mm)	6.6	8.9	12.6	14.3	18.4	29.8	39.5	57.6	43.8	34.6	19.8	11.3
Average Snow Depth (cm)	27	30	36	38	20	1	0	0	0	3	14	23
Median Snow Depth (cm)	27	30	36	38	20	0	0	0	0	3	14	23
Snow Depth at Month-end (cm)	28	34	38	33	5	0	0	0	0	8	20	25
Extreme Daily Rainfall (mm)	0	1	0	6.8	30.8	45.8	41.4	41.2	45	24.1	0.6	0.2
Date (yyyy/dd)	1981/15+	1998/17	1981/19+	2000/24	1998/15	1999/23	1990/28	1984/14	1991/15	1982/29	1988/24+	1991/30
Extreme Daily Snowfall (cm)	6.4	17.4	12.2	14	13.6	21.5	2.4	2.6	10.4	18.2	23.6	8.6
Date (yyyy/dd)	1992/03	1996/23+	1991/24	1994/13	2001/07	1990/06	2001/03	1985/28	1982/11	1997/13	1985/06	1999/01
Extreme Daily Precipitation (mm)	6.4	17.4	11.6	14	31.2	45.8	41.4	41.2	45	33	23.2	8.6
Date (yyyy/dd)	1992/03	1996/23+	1991/24	1994/13	1999/06	1999/23	1990/28	1984/14	1991/15	1997/13	1985/06	1999/01
Extreme Snow Depth (cm)	50	64	73	86	68	20	1	0	4	22	57	59
Date (yyyy/dd)	1991/17+	1996/28+	1996/22+	1991/22+	1993/02+	1987/02+	2001/03	1981/01+	1985/25	1985/31	1985/30	1985/11+
<b>Days with Maximum Temperature:</b>												
<= 0 °C	31	28.3	30.9	29	19.9	1.4	0	0	1.6	20.1	29.8	31
> 0 °C	0.05	0	0.06	1	11.2	28.6	31	31	28.4	11	0.25	0
> 10 °C	0.05	0	0	0	0.1	10	25.8	22.2	4	0	0	0
> 20 °C	0.05	0	0	0	0	0.65	5.4	2.2	0.1	0	0	0
> 30 °C	0	0	0	0	0	0	0	0.05	0	0	0	0
> 35 °C	0	0	0	0	0	0	0	0	0	0	0	0
<b>Days with Minimum Temperature:</b>												
> 0 °C	0	0	0	0	0.5	17	30.5	30.7	18.8	2.6	0	0
<= 2 °C	31	28.3	31	30	31	21.8	2.3	1.5	18.2	30.4	30	31
<= 0 °C	31	28.3	31	30	30.5	13.1	0.47	0.26	11.2	28.4	30	31
< -2 °C	31	28.3	31	29.8	27.1	4.7	0	0	5.3	25.5	29.8	31
< -10 °C	31	28.3	30.5	27.1	12.7	0	0	0	0	10.9	26.9	30.8
< -20 °C	30.5	27.3	27.8	17.2	1.7	0	0	0	0	1.2	18.8	27.2

< -20 °C	30.3	21.2	21.6	17.2	1.7	0	0	0	0	1.3	16.6	21.7
< -30 °C	26.1	21.6	17.4	3	0	0	0	0	0	0	3.8	19.6
<b>Days with Rainfall:</b>												
>= 0.2 mm	0	0.05	0	0.7	2.4	6.2	10.2	13.2	10.2	3.8	0.25	0.05
>= 5 mm	0	0	0	0.05	0.4	1.4	2	3.3	2.6	0.85	0	0
>= 10 mm	0	0	0	0	0.15	0.5	1.1	1.6	1.3	0.3	0	0
>= 25 mm	0	0	0	0	0.05	0.15	0.35	0.4	0.1	0	0	0
<b>Days With Snowfall:</b>												
>= 0.2 cm	6.9	7.2	9.1	8	7.1	1.9	0.05	0.2	3.9	12.1	12	9.5
>= 5 cm	0.16	0.2	0.5	0.6	0.65	0.25	0	0	0.2	1.1	0.85	0.4
>= 10 cm	0	0.1	0.1	0.15	0.1	0.2	0	0	0.05	0.2	0.15	0
>= 25 cm	0	0	0	0	0	0	0	0	0	0	0	0
<b>Days with Precipitation:</b>												
>= 0.2 mm	6.8	7.1	9	8.4	8.8	7.4	10.2	13.2	12.8	14.3	11.9	9.5
>= 5 mm	0.16	0.2	0.5	0.7	1.1	1.6	2	3.3	2.8	2	0.8	0.4
>= 10 mm	0	0.1	0.1	0.15	0.2	0.65	1.1	1.6	1.4	0.5	0.1	0
>= 25 mm	0	0	0	0	0.1	0.15	0.35	0.4	0.1	0.1	0	0
<b>Days with Snow Depth:</b>												
>= 1 cm	31	28.3	31	30	29.8	7.8	0	0	0.45	18.1	30	31
>= 5 cm	31	28.3	31	29.8	24.7	1.9	0	0	0	8.2	27.9	31
>= 10	29.4	28.1	31	29.2	21.7	0.6	0	0	0	3.7	19.5	29.5
>= 20	23.7	22.8	28.7	26	14.3	0.1	0	0	0	0.05	4.8	16.1
<b>Wind:</b>												
Speed (km/h)	23.9	23.9	23.4	22.4	22.1	19.8	19.2	21.1	24.2	26.5	25.3	24
Most Frequent Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Maximum Hourly Speed	102	93	93	93	102	74	74	93	83	93	93	100
Date (yyyy/dd)	1999/06	2000/05	1986/06	1999/25	2002/21	1999/23	1990/29	1984/03	1992/26	1997/14	1982/25	1985/27
Direction of Maximum Hourly Speed	NW	NW	NW	NW	NW	E	NW	NW	E	W	NW	NW
Maximum Gust Speed	132	113	111	111	117	111	106	124	109	137	124	124
Date (yyyy/dd)	1999/06	1999/02	1986/05	1999/25	1986/29	1999/23	1990/29	1984/03	1989/20+	1997/14	1985/06	1985/27
Direction of Maximum Gust	NW	NE	NW	NW	NW	E	NW	NW	W	W	N	NW
Days with Winds >= 52 km/hr	5.5	5.4	4.7	2.6	2.8	1.2	1.6	2.8	3.7	5.4	5	5.2
Days with Winds >= 63 km/hr	2.3	1.8	1.7	0.7	0.5	0.5	0.5	1.2	1.5	2	1.9	1.8
<b>Days with Precipitation:</b>												
Above 24 °C	0	0	0	0	0	0	0	0	0	0	0	0
Above 18 °C	0	0	0	0	0	0	1.2	0.2	0	0	0	0
Above 15 °C	0	0	0	0	0	0.3	7.9	2.5	0	0	0	0
Above 10 °C	0	0	0	0	0	4.7	52.7	30.1	1.6	0	0	0
Above 5 °C	0	0	0	0	0	131.9	325.4	292	21	0.1	0	0
Above 0 °C	0	0	0	0	0	131.9	325.4	292	111.5	8.4	0	0

The Green Lane™, 0  
Environment Canada's World Wide Web Site.

Canada