

# December 2006 Weather Summary

Report based on Chetwynd Airport Data

**December 2006** was a nice change from November with temperatures well above normal and lots of snow. The average temperature of -4.8 was 4.6 degrees warmer than normal and was a degree warmer than the other stations in the BC Peace forecast area. December recorded an average high a full 11 degrees warmer than November. Chetwynd also ended up with the warmest average annual temperature for the region with Fort St. John a close second. No temperature records were set or tied. Along with warm temperatures there was lots of snow that fell in December with the 11<sup>th</sup> and 14<sup>th</sup> setting new daily precipitation records. There were 45.4 cm of fresh snow, 64% more than average and the second heaviest on record, that fell in December but the warmer temperatures caused the snow pack to settle in between snowfalls. The month started with 43 cm of snow on the ground and ended with 42 cm. 2006 saw the second greatest month end total snow on the ground beaten only by the 1995 record of 48 cm of snow. With 58.4 hours of bright sunshine recorded there was just 3 hours more than average recorded.

## Temperatures

- Average daily high of 1.0 was above the normal of -4.4 degrees C.
- Average daily low of -10.6 was above the normal of -14.3 degrees C.
- Mean temperature of -4.8 was above the normal of -9.4 degrees C.
- Monthly high temperature 7.3 degrees Celsius on the 7th
- Monthly low temperature -27.5 degrees Celsius on the 1st

## Daily Records

- No records were set or tied.

## Monthly Records

- No records were set or tied.

## Sunshine (records since 1983)

- Total sunshine for the month of 58.4 hrs is just slightly above the average of 55.7 hrs.

## Notes

- Second greatest monthly snowfall beaten by the 66.2 cm that fell in 1991.
- Second greatest month end snow on ground beaten by the 48 cm in 1995

## Records for December

Mean temperature

Mildest -1.8 1997

Coollest -18.2 1983

Extreme Daily temps

Max 13.2 18th 2004

Min -46.3 30th 1992

Precipitation

Driest 0.5 2002

Wettest day 18.4 mm 20th 1997

Wettest 45.0 1991 Most snow 22.0 cm 20th 1997

**NE British Columbia December**

	<b>Mean Temp Degrees C</b>	<b>Total Precip. mm</b>	<b>Maximum Degrees C</b>	<b>Minimum Degrees C</b>
Fort Nelson	-12.8	7.0	6.4/20th	-27.4/17 <sup>th</sup>
Fort Liard NWT	-14.6	7.1	5.1/8th	-29.6/1 <sup>st</sup>
Muncho Lake	-6.3	20.0	7.0/6th	-23.8/16 <sup>th</sup>
Tetsa River	<b>-15.9</b>	19.6	4.6/21st	<b>-33.2/26</b>
Fort St John	-5.6	16.2	5.6/8th	-24.5/17 <sup>th</sup>
Dawson Creek	-6.3	N/A	<b>7.6/7th</b>	-29.9/17 <sup>th</sup>
Chetwynd	<b>-4.8</b>	<b>33.7</b>	7.3/7th	-27.5/1st

**OUTLOOK -** The northeastern BC weather outlook is for above normal temperatures in January while the three month outlook for January, February and March is for continuing above normal temperatures and near normal precipitation.

**NE British Columbia Annual**

	<b>2006 Mean Temp Degrees C</b>	<b>Normal/ Average Annual Temp Degrees C</b>	<b>2006 Total Precipitation (mm)</b>	<b>Normal/Average Total Precipitation (mm)</b>
Fort Nelson	0.1	-0.7	449.1	451.8
Fort Liard NWT	-0.4	-1.2	499.9	447.2
Muncho Lake	0.4	-0.2	534.8	494.4
Tetsa River	-0.5	-1.0	626.5	702.4
Fort St John	3.2	2.0	323.5	465.8
Dawson Creek	1.9	1.6	N/A	N/A
Chetwynd	3.6	3.0	312.7	447.5

**NOTE –**

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