

February 2007 Weather Summary

Report based on Chetwynd Airport Data

February 2007 ended up as a pretty cold month this year. A pool of cold air stretching from the Yukon to the southeast ended up covering all of northeast BC along with most of Alberta with below normal temperatures. The BC Peace region saw the greatest drop from normal temperatures in all of BC. Chetwynd was 5.1 degrees, Fort St John was 4.3 degrees and Dawson Creek was 3.0 degrees below normal. Surprisingly with the cold temperatures not one temperature record was broken in any of the cities.

Snowfall was very heavy at Fort St John with 60.3 cm recorded with a water equivalent of 51.9 mm while Chetwynd saw quite a bit less with 51.6 cm and 23.9 mm of water equivalent along with 1.3 mm of rain. Precipitation is no longer recorded at Dawson Creek.

While no temperature records were set the 7th saw 3.2 mm of water equivalent from 10.2 cm of light fluffy snow and the 15th saw 6.4 mm from 7.0 cm of snow with both days breaking records of 2.6 mm set in 1998 and 5.0 mm set in 1994 respectively.

There was more cloud than usual this past month with only 78.2 hours of bright sunshine recorded compared to the average of 110.7 hours.

Temperatures

- Average daily high of -7.0 was below the normal of -1.7 degrees C.
- Average daily low of -16.8 was below the normal of -13.5 degrees C.
- Mean temperature of -11.9 was below the normal -7.6 degrees C.
- Monthly high temperature 4.8 degrees Celsius on the 16th
- Monthly low temperature -28.5 degrees Celsius on the 10th

Daily Records

- New daily precipitation record of 3.2 mm on the 7th breaking the old record of 2.6 mm set in 1998.
- New daily precipitation record of 6.4 mm on the 15th breaking the old record of 5.0 mm set in 1994.

Monthly Records

- No monthly records were set or tied.

Sunshine (records since 1983)

- 78.2 hours of bright sunshine well less than the average of 110.7 hours..
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Notes

The annual precipitation of 37.5 mm since January 1st is very near the normals of 38.6 mm.

Records for February

Mean temperature

Mildest 0.4 1991

Coolest -18.3 1994

Extreme Daily temps

Max 14.8 27th 1986

Min -42.1 19th 1986

Precipitation

Driest 4.1 mm 1996

Wettest 45.5 mm 1994

Wettest day 11.6 mm 2nd 1999

Snowiest day 15.0 cm 2nd 1999

NE British Columbia February

	Mean Temp Degrees C	Total Precip. mm	Maximum Degrees C	Minimum Degrees C
Fort Nelson	-18.6	27.8	-4.0/1st	-31.6/12 th
Fort Liard NWT	-19.8	23.2	-4.3/14	-31.8/12 th
Muncho Lake	-18.4	47.0	1.5/1st	-34.0/23 rd
Tetsa River	-18.8	16.8	0.2/1st	-31.1/21 st
Fort St John	-14.8	51.9	3.0/15th	-27.2/13 th
Dawson Creek	-14.4	N/A	4.7/15th	-36.6/13th
Chetwynd	-11.9	25.0/A	4.8/16th	-28.5/10th

OUTLOOK - The northeastern BC weather outlook is for below normal temperatures for March.

NOTE -

Detailed weather information is available at www.weatheroffice.ec.gc.ca or 1-867-667-8459

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