

March 2007 Weather Summary

Report based on Chetwynd Airport Data

March 2007 saw temperatures in the far north running five degrees below normal for the month but as you approach the Peace River climate region they began to moderate a little. While still remaining below normal the temperatures warmed to four degrees below normal in Fort St. John and Chetwynd to 3 degrees below normal in Dawson Creek. The return to normal March temperatures occurred in the area just north of Prince George. The snowfall in Fort St John and Chetwynd was nearly double the normal for the month which also gave a water equivalent of nearly double for March. The total precipitation for 2007 so far is 50% higher than normal for Fort St John and 10% higher for Chetwynd.

Chetwynd saw a new October to end of March snowfall record with 311.2 cm recorded breaking the old record of 221.2 cm set in 96/97. There was 33 cm of snow on the ground at month end breaking the old record of 19 cm set in 1983.

Sunshine was well below normal in March with just 99.5 hours of bright sunshine recorded compared to the average of 152.7 hours.

Temperatures

- Average daily high of -1.0 was below the normal of 3.4 degrees C.
- Average daily low of -12.2 was below the normal of -8.2 degrees C.
- Mean temperature of -6.6 was below the normal -2.4 degrees C.
- Monthly high temperature 8.6 degrees Celsius on the 29th
- Monthly low temperature -26.0 degrees Celsius on the 19th

Daily Records

- New daily precipitation record of 9.2 mm on the 10th breaking the old record of 5.4 mm set in 2002.
- New daily precipitation record of 6.3 mm on the 16th breaking the old record of 0.8 mm set in 1987.

Monthly Records

- There was 33 cm of snow on the ground at month end breaking the old record of 19 cm set in 1983

Sunshine (records since 1983)

- 99.5 hours of bright sunshine well less than the average of 152.7 hours.

Notes

The annual precipitation of 74.3 mm since January 1st is slightly above the normals of 60.6 mm.

Records for March

Mean temperature

Mildest 2.7 1992

Coolest -10.6 2002

Extreme Daily temps

Max 22.4 29th 2004

Min -33.8 19th 2002

Precipitation

Driest 2.8 mm 1992

Wettest 55.8 mm 1987

Wettest day 14.2 mm 3rd 1987

Snowiest day 21.0 cm 4th 1987

NE British Columbia March

	Mean Temp Degrees C	Total Precip. mm	Total Snowfall cm	Maximum Degrees C	Minimum Degrees C
Fort Nelson	-12.8	64.1	97.5	10.9/26th	-31.8/2 nd
Fort Liard NWT	-14.1	18.7	msg	10.8/22 nd	-38.3/4 th
Muncho Lake	-12.5	84.0	84.0	8.0/23 rd	-29.0/3 rd
Tetsa River	-13.3	52.6	52.6	10.9/23 rd	-30.0/3 rd
Fort St John	-8.8	35.4	40.2	7.0/23 rd	-27.1/2 nd
Dawson Creek	-7.6	msg	msg	8.5/23 rd	-29.2/2 nd
Chetwynd	-4.4	12.3	16.3	12.5/24 th	-26.3/11 th

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

NOTE -

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

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