

March 2007 Weather Summary

Report based on Fort Nelson Airport Data

March continued the colder than normal trend started in February but added a new twist with five times the normal snowfall for the month. With 97.5 cm recorded at the airport March came in the snowiest March on record and almost doubled the old record of 57.1 cm recorded in 1978 and it was also the wettest with 64.1 mm of snowfall water equivalent breaking that record of 53.1 mm set in 1952. There were 17 days with measurable snowfall with the 2nd setting a new record of 6.4 cm and 6.0 mm of water equivalent breaking the old record of 4.4 mm set in 1995. The 30th saw 11.1 cm with a water equivalent of 10.0 mm breaking the record of 5.1 mm set in 1948 and the last day of March saw 27.8 cm with a W.E. of 16.2 mm breaking that record of 13.1 mm set in 2003 and setting a new one day snowfall record for March beating the old record of 23.1 cm set on the 14th in 1978. The mean temperature of -12.8C was 5.1 degrees below normal for the month but quite a bit warmer than the record low average of f-16.9C set back in 1964. No temperature records were set or tied.

The snow season of November 2006 to the end of March this year recorded 253.3 cm of snow which makes it the snowiest season on record beating the old record of 228.7 cm set in 1961/62.

Fort Liard also recorded below normal temperatures with an average of -14.1. Snowfall was just a little heavier than normal for March.

Temperatures

- Average daily high of -7.1 was below the normal of -1.0 degrees C.
- Average daily low of -18.5 was below the normal of -14.3 degrees C.
- Mean temperature of -12.8 was below the normal of -7.7 degrees C.
- Daily high temperature -10.9 degrees Celsius on the 26th.
- Daily low temperature -31.8 degrees Celsius on the 2nd.

Precipitation

- Total snowfall of 97.5 cm is well above the normal of 20.9 cm and a new monthly record.
- Total precipitation (water equivalent of snowfall) of 64.1 mm is above the normal amount of 14.4 mm and a new monthly record.

Daily Records

- No temperature records were set or tied.

Monthly Records

- New monthly record for snowfall of 97.5 cm breaking the old record of 57.1 cm set in 1978.
- New monthly record for total precipitation of 64.1 mm breaking the old record of 53.1 mm set in 1952.
- New one day March snowfall record of 27.8 cm on the 31st breaking the old record of 23.1 cm set on the 14th in 1978.

Notes.

The annual precipitation for 2007 is above the average of 62.2 mm with 103.7 mm recorded so far. A new November to March total snowfall record of 253.3 cm was set breaking the old record of 228.7 cm set in 61/62.

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Records for March

Mean temperature
Mildest -2.2 1981
Coolest -16.9 1964

Extreme Daily temps
Max 17.8 29th 1966
Min -39.4 3rd 1955

Precipitation

Driest 1.7 mm 1993
Wettest 53.1 mm 1952

Wettest day 21.1 mm 18th 1952
Snowiest day 23.1 cm 14th 1978

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 867-667-8459

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