

2011 – 2012 Peace River Report No. 2

An observation flight of the Peace River located the ice front at km 603.1 (approximately 207 km downstream of the Town of Peace River) at 15:54 MST on November 30th. Currently the ice front is just over a week ahead of an average position. The front was advancing upstream at a rate of approximately 13 km/day from its last known location, however warmer weather upstream of the front has reduced ice production considerably and the front has shown a slight retreat. It is expected that the front will remain near its current location for the next week. Temperatures cool enough for significant ice production are not forecast until the middle of next week.

Alberta Environment and Water, and BC Hydro are in contact regarding river ice conditions and operation of the BC Hydro Peace River facilities.

Observation Details

- November 30
 - No ice pans were observed coming into the ice front, only the occasional calved border ice piece.
 - Ice front located at km 603.1 at 15:54 MST
 - Indications that the front had advanced to km 601.8 earlier
 - km 603.1 to 916 – No multiple bridging seen between ice front and Vermilion Chutes.
 - km 902 to 916 – The channel is open.

Temperature Forecast

The following table contains Environment Canada's observed and forecasted daily maximum and minimum temperatures through to Wednesday, December 7.

Day	Date	Location		
		High Level	Peace River	Fort St. John
Yesterday	30 November	-14.0 / -18.6	-3.7 / -12.8	0.3 / -12.8
Today	1 December	-1	1	2
Friday	2 December	-9 / -12	-5 / -5	2 / -2
Saturday	3 December	3 / -8	3 / -5	3 / 0
Sunday	4 December	-8 / -10	1 / 1	2 / -8
Monday	5 December	-1 / -14	7 / -5	6 / 1
Tuesday	6 December	-9 / -9	-1 / -3	1 / 1
Wednesday	7 December	-16 / -19	-10 / -12	-16 / -16
Average Max/Min for 1 December		-12 / -23	-7 / -17	-5 / -16

Alberta Environment and Water would like to thank BC Hydro for their river ice observations taken during a research flight over the Peace River

The next observation report will be posted on or before Friday, December 9.

Observed Peace River Ice front Locations 2011-2012

