

## 2011 – 2012 Peace River Report No. 4

Satellite imagery of the Peace River indicates that the ice front is at approximately km 672 (approximately 276 km downstream of the Town of Peace River) at 18:25 MST on January 4<sup>th</sup>. Much above seasonal temperatures in the Peace region since the end of November has stalled ice production on the Peace River and in response, the ice front has remained near the community of Carcajou. Yesterday's ice front location is typically seen during the first week of December and the ice front advance has gone from earlier than average to one that much later than average. Significant advance of the ice front is not expected until sustained below-zero mean air temperatures return to the Peace region.

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

- December 21
  - Satellite image indicates that the ice front is at approximately km 638 at 18:33 MST
- December 29
  - Satellite image indicates that the ice front is at approximately km 679 at 7:20 MST
- January 3
  - Reported that the Tompkin's Landing (km 694) ice bridge has lost approximately 0.1m in thickness and the load limit has been reduced from 10 tonnes to 6 tonnes.
- January 4
  - Satellite image indicates that the ice front is at approximately km 672 at 18:25 MST

### Temperature Forecast

The following table contains Environment Canada's observed and forecasted daily maximum and minimum temperatures through to Wednesday, 11 January.

Day	Date	Location		
		High Level	Peace River	Fort St. John
Yesterday	4 January	-7.5 / -10.5	4.9 / 0.0	6.1 / 0.1
Today	5 January	-8	3	4
Friday	6 January	-11 / -11	-4 / -6	-5 / -7
Saturday	7 January	-12 / -19	-1 / -12	2 / -9
Sunday	8 January	-1 / -15	6 / -3	7 / 0
Monday	9 January	-3 / -9	1 / -4	2 / -2
Tuesday	10 January	-15 / -20	-6 / -10	-12 / -13
Wednesday	11 January	-11 / -22	-6 / -12	-3 / -13
Average Max/Min for 5 January		-17 / -27	-12 / -22	-10 / -19

## Observed Peace River Ice Front Locations 2011-2012

