

## 2011 – 2012 Peace River Report No. 3

Satellite imagery of the Peace River indicates that the ice front is at approximately km 649.5 (approximately 253 km downstream of the Town of Peace River) at 7:12 MST on December 19<sup>th</sup>. Currently the ice front is near the community of Carcajou and at a location normally seen during the first week of December. Above seasonal temperatures in the Peace region since the end of November have stalled ice production and in response, the ice front has receded. Long range temperature forecasts indicate that the above seasonal temperatures will continue through the upcoming holiday weekend.

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
  - Aerial observation located the ice front at km 603.1 at 15:54 MST
- December 2
  - Satellite image indicates that the ice front is at approximately km 617 at 7:08 MST
- December 5
  - Satellite image indicates that the ice front is at approximately km 628 at 7:22 MST
- December 7
  - Satellite image indicates that the ice front is at approximately km 639.5 at 7:15 MST
- December 12
  - Satellite image indicates that the ice front is at approximately km 645 at 7:17 MST
- December 14
  - Satellite image indicates that the ice front is at approximately km 648 at 18:37 MST
- December 19
  - Satellite image indicates that the ice front is at approximately km 649.5 at 7:12 MST

## Temperature Forecast

The following table contains Environment Canada's observed and forecasted daily maximum and minimum temperatures through to Sunday, December 25.

Day	Date	Location		
		High Level	Peace River	Fort St. John
Yesterday	18 December	-7.7 / -24.4	-0.9 / -14.1	-2.0 / -10.8
Today	19 December	-1	3	3
Tuesday	20 December	-6 / -9	0 / -4	1 / -3
Wednesday	21 December	-11 / -18	-6 / -12	-5 / -9
Thursday	22 December	-4 / -12	0 / -7	2 / -5
Friday	23 December	-4 / -10	2 / -6	4 / -2
Saturday	24 December	-13 / -16	-4 / -8	-6 / -7
Sunday	25 December	-11 / -18	-2 / -9	-1 / -6
Average Max/Min for 19 December		-15 / -26	-10 / -20	-9 / -17

# Observed Peace River Ice front Locations 2011-2012

