

2008 – 2009 Peace River
Report No. 39

The ice front on the Peace River was located at km 681 (approximately 16 km downstream of Carcajou or 71 km upstream of the La Crete water intakes) at 9:35 MDT, April 27. The ice cover on the Peace River continues to breakup in a thermal mode and the rate of recession for the ice front has increased to approximately 25 km/day. The river level at Carcajou is falling in response to the ice front passing that location on April 26. At Fort Vermilion the river level has started to rise, but it is still near the freeze-up level.

River ice observation flights have been discontinued for this ice season, however Alberta Environment continues to monitor the Peace River. Alberta Environment is also in contact with BC Hydro regarding operation of their facilities.

Observation Details

Peace River – April 27

- km 675 – Channel is 75% open.
- km 679.5 – Upstream edge of brash ice.
- km 681 (N 20-102-19-W5) – Ice front at 9:35 MDT.
- km 681.5 to 685 – The narrow channel along the right side of the island is open.
- km 682 to 684 – Large open lead in main channel.
- km 685 to 695 (Tompkin’s Landing) – Ice cover is extremely potholed and there are many open pockets.
- km 695 to 752 (La Crete water intakes) – Ice cover is extremely potholed and there are large open leads.
- km 704.5 – Large open lead on left side of channel, approximately 200 m long.
- km 709.5 to 712.5 – Left channel is open.
- km 729.5 to 732 – Total width of channel is open.
- km 735.5 to 739 – Right channel is open.

Temperature Forecast

The following table contains Environment Canada’s forecast daily maximum and minimum temperatures through to Sunday, May 3, 2009.

Location	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
High Level	6	9/-10	11/-4	16/-7	11/-2	15/-2	10/-2
Peace River	6	5/-7	10/-7	12/0	11/3	15/1	10/2
Ft. St. John	4	7/-8	10/-3	14/0	12/3	15/2	10/2

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Observed Peace River Ice Front Locations 2008/09

