

River Freeze-up Advisory

Issued at 10:45 AM – December 7, 2012
Issued by River Forecast Centre

River Freeze-up Advisory for the Peace River at the Town of Peace River

Alberta Environment and Sustainable Resource Development has issued a **River Freeze-up Advisory** for the Peace River at the Town of Peace River

River levels in the Peace River at the Town of Peace River will be rising in response to the approaching ice front. It is expected that the front will advance through the Town near the middle of next week, however that forecast is dependent on air temperatures. As of yesterday morning, the ice front was located at km 446 or 50 km downstream of the Highway 2 Bridge at the Town of Peace River. This location is upstream of the mouth of the Whitemud River.

When freeze-up occurs at the Town, it is typical for the water level to rise between 2.5 to 3.5 m.

Flow releases from BC Hydro's Peace Canyon Dam will be kept relatively constant while the ice cover advances through the Town as part of normal river ice management operations.



This is a routine advisory and no problems are expected at the Town of Peace River. However, there is potential for ice movements and shoving of the ice cover as it advances upstream, which could result in rapid fluctuations in water levels in the area.

Additional information is available from Alberta Environment and Sustainable Resource Development at: http://www.environment.alberta.ca/forecasting/RiverIce/index.html.

River Freeze-up refers to the formation of an ice cover that will result in a gradual increase in water levels. On occasion, the winter freeze-up can lead to ice jams and rapidly rising water levels. The location and occurrence of ice jams and the associated flooding are very unpredictable. Local authorities are advised to monitor the situation in their community.

Alberta Environment and Sustainable Resource Development is closely monitoring river levels throughout the Peace River region for increases due to winter freeze-up. This advisory is in effect for 7 days and will be updated if there is any change in conditions.