

Alberta River Monitoring

Advisory Level Definitions

Basins on the Advisory Map are colour-coded to indicate the most severe advisory in effect.

ADVISORY ENDED

A High Streamflow Advisory that has recently ended.

ICE ADVISORY

Stream levels are expected to change rapidly as the river ice cover is freezing up or breaking up. No major flooding is expected as river levels are expected to remain within bank full. This is a natural process, however ice movement and soving may cause minor flooding in low-lying areas. Anyone situation close to the streams affected is advised to be cautious of rapidly changing water and ice levels.

HIGH STREAMFLOW ADVISORY

Stream levels are rising or expected to rise rapidly and no major flooding is expected. Minor flooding in low-lying areas is possible. Anyone situated close to the streams affected is advised to be cautious of the rising levels.

ICE JAM WATCH

Conditions are favourable for the formation of ice jams, or an ice jam has been reported causing stream levels to rise and approach or exceed bank full. Flooding of areas adjacent to the stream affected or groundwater seepage flooding may occur. Ice jams can obstruct the flow of a river channe. The location and occurrence of ice jams and possible associated flooding are very unpredictable. Anyone situated close to the streams affected is advised to be cautious of rapidly changing water and ice levels and to take appropriate precautionary measures

FLOOD WATCH

Stream levels are rising and will approach or may exceed bankfull. Flooding of areas adjacent to these streams may occur. Anyone situated close to the river is advised to take appropriate precautionary measures.

ICE JAM WARNING

A reported ice jam is causing flooding in areas adjacent to the stream affected and is impacting a community and/or infrastructure. Ice jams can obstruct the flow of a river channel. The location and occurrence of the ice jams and possible associated flooding are very unpredictable. Anyone situated close to the streams affected is advised to be cautious of rapidly changing water and ice levels and to take appropriate measures to avoid flood damage.

FLOOD WARNING

Rising stream levels will result in flooding of areas adjacent to the streams affected. Anyone situated close to the river should take appropriate measures to avoid flood damage.

WATER SHORTAGE ADVISORY

Stream flows and/or lake and/or reservoir levels are lower than normal, and are either approaching or are currently below key water management thresholds. Depending on the severity of the conditions, water conservation measures may be recommended, or management actions may be invoked relating to angling, temporary diversion licences, or licenced water withdrawals.