

Bulletin 2022-16

April 27, 2022

Monitoring for Snowmelt and Overland Flooding

The Rocky Mountain snowmelt occurs each year between April and June. In late May and early June, rainfall from large weather systems occurs in Alberta and may cause overland flooding. Rain and/or rapid snowmelt on impermeable frozen soil is the leading cause of severe flooding and erosion. For more information, see [Alberta's snowmelt and its impact on Alberta rivers](#).

We remind licensees of their responsibility to take appropriate precautions to ensure public safety and environmental protection by minimizing the potential operational impacts because of these hazards.

All licensees must be aware of the potential for site and equipment damage from flooding and physically inspect and assess any sites and equipment that have been affected or may potentially be affected.

Licensees should have procedures in place to monitor for snowmelt and flood advisories and be prepared to take the necessary steps to protect their operations.

Please refer to the following information sources:

- [Alberta River Basins](#) website, [Alberta Rivers](#) (mobile app Google Play), or [Alberta Rivers](#) (mobile app Apple Store) for streamflow advisories and water emergency conditions
- [Alberta Weather Conditions and Forecast by Location](#) website
- [Alberta Emergency Alert](#) website or [Alberta Emergency Alert](#) mobile app
- [Alberta Flood Services and Information](#) website
- Information on hazard preparedness is available at [Alberta Hazard Preparedness](#) website

For more information on this bulletin or questions, contact our Customer Contact Centre by phone at 403-297-8311 (1-855-297-8311 toll free) or by email at inquiries@ aer.ca.