

April 7, 2022 – April Initial Outlook

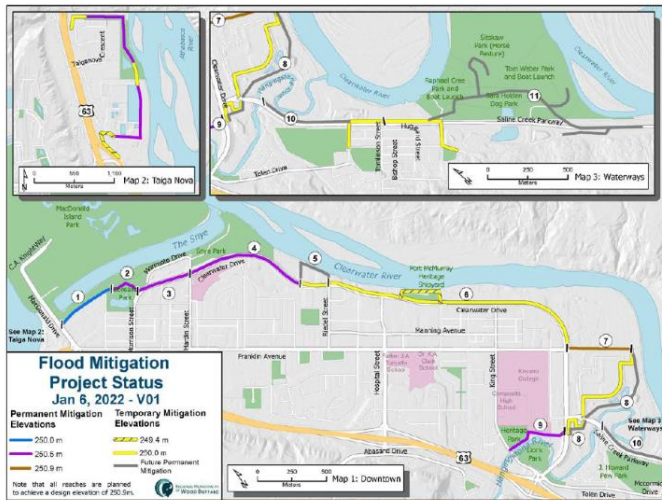
What is this and why am I getting it? Our awareness campaign is in full swing, and that includes the circulation of these River Breakup Community Updates. These updates are e-mailed to a stakeholder list, and posted on our website. If you would like to be added or removed from this list, email communityupdate@rmwb.ca.

How often are these circulated? Updates will be created daily once the River Forecasters from Alberta Environment and Parks (AEP) start their daily monitoring, usually in mid April, until River Breakup is declared. The next update will not be until mid-April.

What if there is flooding? Download the Alertable app to your smartphone. This is how we will inform the community of any important information and actions that may need to be taken, such as evacuation.

What mitigation is being used? For detailed information on 2022 Flood Mitigation work, visit <https://www.rmwb.ca/en/permits-and-development/flood-mitigation.aspx>

Reach-by-Reach Elevation



Initial Outlook

This information is based on data as of April 4, 2022. Many factors may change how the river behaves, most importantly the weather conditions in the Athabasca River basin upstream of Fort McMurray.

Long Lead Indicators:

Accumulated Precipitation (May 1 – Oct 31)

This indicator compares previous summer precipitation the the year prior, and demonstrates soil saturation. Drier soil means less snow will drain into rivers.

2022: 229 mm
Average: 325mm
2020: 350mm
Rating: Below Average Potential

Degree Days of Freezing (Oct 1 – Mar 31)

This indicator is calculated by adding up every day the temperature is below zero during this period. This informs us if we've had a relatively cold or warm winter season.

2022: 1947°C
Average: 1697°C
2020: 1500°C
Rating: Average Potential

Ice Thickness near Fort McMurray

(Measured at Site #4 near the Water Treatment Plant)

March 24, 2022: .82m
Average: .85m
2020: .89m
Rating: Average Potential

Average Snow-Water Equivalent over Athabasca Basin

This is the measure of the amount of water present in the snow pack on the land or depth of water that result from melting snow.

April 4, 2022: 114mm
Average: 78mm
2020: 110mm
Rating: Above Average Potential



River BREAKUP

Regional Emergency Coordination Centre (RECC) Update

Historical River Breakup Dates

2021	May 6
2020	May 3
2019	Apr 22
2018	Apr 27
2017	Apr 25
2016	Apr 19
2015	Apr 14
2014	Apr 27
2013	Apr 29



Watch River Breakup as it develops safely through the RMWB River Breakup Live Camera!

[River Breakup - Regional Municipality of Wood Buffalo \(rmwb.ca\)](http://RiverBreakup-RegionalMunicipalityofWoodBuffalo.rmwb.ca)

Know your Community Emergency Plan

There is an emergency plan for every community in the region. These plans outline the steps the Municipality will take in the event of an emergency in your neighbourhood. Stay prepared, aware and safe by reviewing your community's plan before river breakup at rmwb.ca/CEMP

Take proactive steps to prepare your household

Properties near the waterfront should take proactive steps to mitigate potential flooding. Store valuable items on upper floors, make a household emergency plan and prepare a 72-hour kit. Find more advice and tips on how to prepare on the municipal website.



Do you know someone who may need assistance evacuating in an emergency?

The Vulnerable Persons Registry (VPR) is a free, voluntary and confidential service that improves the safety of vulnerable residents living at home. This is done by communicating directly with registrants during emergencies and by sharing key information to first responders about those on the VPR.

For more information, visit rmwb.ca/VPR or call PULSE 780-743-7000

Free Sandbag Materials

There is free sand and bags for areas impacted by the 2020 flood. The materials are located at The Snye parking lot, adjacent to playground, at the end of Father Mercredi Street and are available daily from 8 a.m. to 6 p.m. If you are physically unable to fill sandbags and need help, please call Pulse.

STAY CONNECTED

Download the Alertable app for
emergency alerts from the RMWB.



Athabasca River at Athabasca Apr. 7, 2022 - Courtesy AEP



Alberta Environment and
Parks – Alberta River Basins is
the trusted source for
information regarding river
behavior. Down the app or
visit rivers.alberta.ca

Emergency Management, Regional Emergency Services

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