

**FLOOD REPORT FOR MANITOBA**

*June 4, 2022*

- Flood Warning\*:**
- Little Saskatchewan River
  - Whitemud River – Woodside to Westbourne
  - Dauphin Lake
  - Whiteshell Lakes area
  - Winnipeg River
  - Assiniboine River, from Shellmouth Dam to Brandon
  - Red River, Emerson to the Red River Floodway Channel Inlet
  - Shannon Creek, Morris and Little Morris Rivers
  - Red River, Red River Floodway Channel Outlet to Lake Winnipeg
  - Rock Lake – South Shoreline
  - Fishing and Family Lakes on Berens River System.
  - Fisher River
- Flood Watch\*:**
- Mossy River
  - Roseau River
  - Souris River, US Border to Napinka.

**Summary**

- There is no significant rain in the forecast for the next seven days for all of Manitoba. Forecasters will continue to monitor conditions and provide updates as required.
- Water levels in most areas of Manitoba are stable or declining. Because of the high volume of water in many river systems, water levels on many rivers will remain high for extended durations.
- Very high flows and water levels are being experienced on the Winnipeg River and other lakes and rivers in the Whiteshell area. Manitoba Hydro measures water levels and flows on waterways contributing to the provincial hydro-electric system and provides a 14-day forecast at [https://hydro.mb.ca/corporate/facilities/water\\_levels/](https://hydro.mb.ca/corporate/facilities/water_levels/). The Winnipeg River system is expected to peak at most locations this week, water levels are expected to remain very high for an extended duration. The latest forecast information from Manitoba Hydro is also available on the flood sheet on the Department's website.
- Manitoba Environment, Climate and Parks has closed some provincial parks, closed campgrounds and some facilities at other provincial parks that otherwise remain open, and advised against travel to some provincial parks. Details on all flood-related closures and advisories in provincial parks are available at [www.manitobaparks.com](http://www.manitobaparks.com).
- There are a number of provincial and municipal roads across Manitoba that have been damaged or closed due to flooding. Motorists are encouraged to plan their routes before travelling by checking 511 ([www.manitoba511.ca/](http://www.manitoba511.ca/) or by calling 511). Motorists are

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reminded to stay off of closed roads and to not attempt travel across inundated roads or damaged bridges.

- The Red River Floodway and Portage Diversion continue operation. Provincial crews are deployed to a number of communities in the Red River Valley running pumping operations and monitoring dike closures. Crews are continuing to remove closures as water levels recede.
- Manitobans are reminded to stay clear of the Red River floodway inlet and outlet structures, the Portage Diversion gate structures in the Portage Reservoir, and actively flowing spillways on dams. Manitobans are also reminded to stay off waterways in flood stage including creeks, streams, rivers and the floodway. High flows, debris, and cold water temperatures present a significant hazard.
- Current water level data and forecast information is available on the department's website at [https://gov.mb.ca/mit/floodinfo/#forecasts\\_reports](https://gov.mb.ca/mit/floodinfo/#forecasts_reports).
- Flooding has impacted communities and properties, resulting in damages, mitigation activities and evacuations across southern and central Manitoba. Any questions or concerns about flood mitigation should be directed first to the municipal authority. Questions about forecasts, water levels, provincial waterways, or provincial water control infrastructure can be directed to 204-945-1165 or by email to [floodinfo@gov.mb.ca](mailto:floodinfo@gov.mb.ca).

## Weather

- There is no significant rain in the forecast for the next seven days for all of Manitoba. Forecasters will continue to monitor conditions and provide updates as required.

## Red River Basin

- A flood warning remains for the Red River from Emerson to the Red River Floodway inlet, and from the outlet to Lake Winnipeg. A flood warning remains for Shannon Creek, Morris and Little Morris Rivers. A flood watch remains for Roseau River.
- Water levels on most Red River Tributaries have crested and are declining. As a result, water levels on the Red River main stem are not expected to increase, but the high water will remain for an extended duration.
- The Red River Floodway continues to operate under rule 1 to lower water levels in Winnipeg while keeping water levels at or slightly below natural upstream of the inlet control structure. As of this morning, flow in the Floodway channel was 25,193 cfs (713.39 cms), and flows upstream of the Floodway Inlet are approximately 64,177 cfs (1,817.29 cms). The water level at James Avenue was at 18.3 ft (5.58 m) and the estimated water level that would occur at James Avenue without the operation of the Red River Floodway, Portage Diversion, and Shellmouth Dam is 24.72 ft (7.53 m).
- Provincial crews are running pumping operations to facilitate internal drainage inside ring dike communities. Pumping operations are underway at Noyes, Emerson, West Lynne, Dominion City, Letellier, St. Jean Baptiste, Brunkild, Morris, Rosenort, Riverside, St. Adolphe, and St. Agathe.

- Provincial crews continue to monitor dike closures in the Red River valley, the current dike closures are in place at locations shown in Table 1. All closures at Emerson have been removed. Provincial crews are continuing to remove closures as water levels recede.

Table 1: Red River Valley Dike Closure Status

<b>Red River Valley Dike Closure Status – June 4, 2022</b>		
<b>Community</b>	<b>Dike Closures</b>	<b>Status</b>
West Lynne	North West Lynne	Full closure (closure removal in progress)
St. Jean Baptiste	East at PR 246	Full closure (closure removal in progress)
Morris	North at PTH 75	Full closure
St. Adolphe	North at PR 200	Full closure
	West at Tache Avenue	Full closure
Ste. Agathe	East at PR 305	Partial closure (PR 305 open)

**Pembina River Basin**

- A flood warning remains for Rock Lake on the south shoreline.
- Flows and water levels on streams and drains across the Pembina basin are declining.

**Assiniboine River Basin**

- The flood warning for the Assiniboine River from Shellmouth Dam to Brandon and on the Little Saskatchewan River remains. A flood watch is in place for the Souris River between the US border and Napinka.
- The department is operating the Shellmouth Dam in compliance with the operating guidelines and in consultation with the Shellmouth Liaison Committee. Outflows from the dam were further reduced yesterday to help alleviate flooding on agricultural land downstream in the valley. As of this morning, the reservoir water level is at 1,406.2 feet (428.61 m), an increase of 0.2 ft (0.07 m). Inflows to the reservoir are approximately 3,172 cfs (89.82 cms) and outflows are 1,606 cfs (45.48 cms). Dam operations are continuously assessed and outflows may change in response to conditions.
- Flows on the Assiniboine River downstream of Shellmouth Dam are dropping towards bankfull capacity, however, it will take time for flood waters in the valley to drain back to the river.

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- Water levels and flows on the Little Saskatchewan River continue to recede at most locations but the water levels remain high. Flood forecasters are monitoring the conditions closely and will issue updates, as required.
- There is some flooding of low-lying areas on the Souris River between the US border and Napinka but all other stretches of the river are reported to be within bank.
- The Portage Diversion is operating to limit discharge to the Lower Assiniboine from the Portage Reservoir to approximately 10,000 cfs (283 cms), in accordance with the operating guidelines. As of this morning, flow down the diversion channel is 5,050 cfs (143.00 cms) and flow on the lower Assiniboine River just east of Portage La Prairie is 10,206 cfs (289.00 cms). Portage Diversion operation is expected to stop in the next seven to ten days.
- A temporary increase in flow on the Portage Diversion occurred yesterday to allow for debris to be removed from the diversion inlet gates.

### Whitemud River

- A flood warning remains for the Whitemud River between Woodside and Westbourne. Water levels are expected to remain high on this section of the river due to high flows from Big Grass Marsh.

### Interlake Region

- A flood warning on the Fisher River remains. Provincial crews are monitoring the conditions closely.

### Eastern Region

- A flood warning remains for the Winnipeg River and the Whiteshell lakes area.
- Very high flows and water levels are being experienced on the Winnipeg River and other lakes and rivers in the Whiteshell area. Manitoba Hydro measures water levels and flows on waterways contributing to the provincial hydro-electric system and provides a 14-day forecast at [https://hydro.mb.ca/corporate/facilities/water\\_levels/](https://hydro.mb.ca/corporate/facilities/water_levels/). The Winnipeg River system is expected to peak at most locations this week, water levels are expected to remain very high for an extended duration. The latest forecast information from Manitoba Hydro is also available on the flood sheet on the Department's website.
- Apart from the Winnipeg River system, water levels on the lakes in Whiteshell Provincial Park are near crest or beginning to decline. Water levels and flows on rivers and drains across the eastern region are beginning to decline.
- Manitoba Environment, Climate and Parks has closed some provincial parks, closed campgrounds and some facilities at other provincial parks that otherwise remain open, and advised against travel to some provincial parks. Details on all flood-related closures and advisories in provincial parks are available at [www.manitobaparks.com](http://www.manitobaparks.com).

### Parkland Region

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- A flood warning for Dauphin Lake and a flood watch for Mossy River remains. The flows on tributaries flowing into Dauphin Lake are declining, the level on Dauphin Lake will begin to stabilize as inflows and outflows equalize.
- There are still a significant number of provincial and municipal roads that have been damaged or closed in the Parkland region due to flooding. Motorists who need to travel in this area are strongly encouraged to plan their routes before travelling by checking 511 ([www.manitoba511.ca/](http://www.manitoba511.ca/) or by calling 511). Motorists are reminded to stay off of closed roads and to not attempt travel across inundated roads or damaged bridges.
- Manitoba Environment, Climate and Parks has closed some provincial parks, closed campgrounds and some facilities at other provincial parks that otherwise remain open, and advised against travel to some provincial parks. Details on all flood-related closures and advisories in provincial parks are available at [www.manitobaparks.com](http://www.manitobaparks.com).
- Pumping operations continue to provide internal drainage at the community of Ste. Rose du Lac.

## Manitoba Lakes

- A flood warning remains for Fishing and Family Lakes on the Berens River system. The lakes continue to rise although the rate of rise is beginning to slow.
- Lake Winnipeg is at wind eliminated level of 716.0 feet (218.24 m) today, above the upper end of its operation range which is between 711 and 715 feet. Manitoba Hydro is operating its structures at the outlet of Lake Winnipeg to allow for maximum possible outflow from the lake. Provincial officials are collaborating with Manitoba Hydro to monitor conditions and forecasts for the lake. The latest forecast information from Manitoba Hydro is also available on the flood sheet on the Department's website.
- Outflow from Lake Manitoba through the Fairford River Water Control Structure is now approximately 4,061 cfs (114.99 cms). The structure is being operated in accordance with the operating guidelines.
- Manitoba Environment, Climate and Parks has closed some provincial parks, closed campgrounds and some facilities at other provincial parks that otherwise remain open, and advised against travel to some provincial parks. Details on all flood-related closures and advisories in provincial parks are available at [www.manitobaparks.com](http://www.manitobaparks.com).

### \*Definitions

**Flood Warning:** A flood warning is issued when river or lake levels are exceeding or are expected to be exceeding flood stage within the next 24 hours.

**Flood Watch:** A flood watch is issued when river or lake levels are approaching and likely to reach flood stage, but likely not within the next 24 hours.

**High Water Advisory:** A high water advisory is issued when a heavy storm or high flows are expected and may cause water levels to rise, but not necessarily reach flood stage. A high water advisory can be an early indicator for conditions that may develop into a flood watch or flood warning.