

**FLOOD REPORT FOR MANITOBA**

*May 26, 2022*

- Flood Warning\*:**
- **Little Saskatchewan River**
  - **Whitemud River near Woodside**
  - **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**
- Flood Watch\*:**
- **Mossy River**
  - **Roseau River**
  - **Souris River, US Border to Napinka**

**Summary**

- The Hydrologic Forecast Centre (HFC) is monitoring a precipitation system that could bring anywhere between 15 mm to 30 mm of rain across southern and central Manitoba with some areas receiving up to 80 mm over the next seven days. Some localised areas could receive up to 120 mm of rain in the next seven days due to thunderstorms. The Winnipeg River system in Ontario and the Upper Assiniboine River basin could also receive this rain in the next seven days. There is still uncertainty about the amounts and location of the system. HFC will continue to provide updates as more information is known.
- The state of local emergency issued by Manitoba Environment, Climate and Parks for Whiteshell Provincial Park remains. Widespread high water levels continue to pose a threat to travel and to public safety. Manitobans should not travel into the Whiteshell Provincial Park area. Many highways are flooded, making travel conditions treacherous. Details are available at [www.manitobaparks.com](http://www.manitobaparks.com) or by calling 511.
- The Winnipeg River is experiencing very high flows and water levels due to significant volumes of water upstream in Lake of the Woods and Lac Seul, both of which are still rising.
- Water level projections on the Winnipeg River were updated on May 23, 2022 based on the most recent Manitoba Hydro Inflow Forecast. Peak water levels are generally expected to be 0.15 m to 0.2 m higher than previous estimates which is attributed to the rise in the projected peak inflow. Water levels are expected to rise 0.4 m to 0.5 m in the next week for the areas of Nutimik, Dorothy, Margaret, Eleanor, and Sylvia Lakes. In the next two weeks, water levels are projected to rise 0.6 m to 0.7 m in the Nutimik/Dorothy

Lake area and 0.7 m to 0.8 m in the further downstream areas of Margaret/Eleanor/Sylvia Lakes. Water levels are currently projected to reach a peak level in the next two weeks subject to weather conditions and upstream flow releases. Information on current and forecasted water levels on the Winnipeg River are available on Manitoba Hydro's website: [https://www.hydro.mb.ca/corporate/facilities/water\\_levels/](https://www.hydro.mb.ca/corporate/facilities/water_levels/)

- Manitoba Parks has issued a mandatory evacuation order and closure from the west entrance at the north end of Whiteshell Provincial Park along Provincial Road (PR) 307 eastward to the junction of PR 307 and PR 309. Affected areas include Sylvia Lake, Eleanor Lake, Otter Falls, Barrier Bay, Nutimik Lake, and Betula Lake. During the period of the closure, no person should reside in or enter the closure area in the park.
- The evacuation order and closures apply to all cottage subdivisions, commercial areas, campgrounds, group use, day use, recreational and picnic areas, playgrounds, trails and beaches. The order also includes immediate closure of all backcountry campsites in Whiteshell Provincial Park.
- PTH 75 remains closed at the north and south ends of Morris. A detour utilizing PTH 3 through Carman and south to Winkler and onto PTH 14 to return to PTH 75 is in effect. Construction is resuming on PTH 3 this week, which may introduce delays. PTH 2 is available as an alternate detour route for PTH 75 that will result in minimal delays. Work is underway to clean and repair PTH 75, portions of the road may be re-opened later this week.
- 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.
- 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, as well as monitoring dike closures. No additional closures are anticipated and crews will be removing 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 Reservoirs, 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

- The Hydrologic Forecast Centre (HFC) is monitoring a precipitation system that could bring anywhere between 15 mm to 30 mm of rain across southern and central Manitoba with some areas receiving up to 80 mm over the next seven days. Some localised areas could receive up to 120 mm of rain in the next seven days due to thunderstorms. The Winnipeg River system in Ontario and the Upper Assiniboine River basin could also receive this rain in the next seven days. There is still uncertainty about the amounts and location of the system. HFC will continue to provide updates as more information is known.

### 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 the following Red River tributaries: Shannon Creek as well as the Morris, and Little Morris Rivers.
- Water Levels on the Red River upstream of Winnipeg continue to decline slowly. The river is expected to remain high for an extended duration, well into June. For the latest forecast information, please check the latest flood sheet on the department's website.
- Water levels in most drains, creeks, and tributaries in the Red River basin are declining.
- 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 35,322 cfs (1,000.21 cms), and flows upstream of the Floodway Inlet are approximately 76,880 cfs (2,177.01 cms). The water level at James Avenue was at 18.4 ft (5.61 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 26.59 ft (8.10 m).
- PTH 75 remains closed at the north and south ends of Morris. A detour utilizing PTH 3 through Carman and south to Winkler and onto PTH 14 to return to PTH 75 is in effect. Construction is resuming on PTH 3 this week, which may introduce delays. PTH 2 is available as an alternate detour route for PTH 75 that will result in minimal delays. Work is underway to clean and repair PTH 75, portions of the road may be re-opened later this week.
- Provincial crews continue to monitor dike closures in the Red River, the current dike closures are in place at locations shown in Table 1. No additional closures are anticipated and crews are removing closures as water levels recede.
- Provincial crews are running pumping operations at 35 different pump sites to facilitate internal drainage inside ring dike communities. Pumping operations are underway at Noyes, Emerson, West Lynne, Dominion City, Letellier, St. Jean Baptiste, Morris, Rosenort, Riverside, St. Adolphe, St. Agathe, Niverville, Aubigny and Brunkild.

Table 1: Red River Valley Dike Closure Status

Red River Valley Dike Closure Status - May 26, 2022		
Community	Dike Closures	Status
Emerson	at Noyes	Full closure
West Lynne	North West Lynne	Full closure
St. Jean Baptiste	East at PR 246	Full closure
	South East at Access Road	Full closure
Morris	North at PTH 75	Full closure
	West at PTH 23	Full closure
	South at PTH 75	Full closure
St. Adolphe	North at PR 200	Full closure
	West at Tache Avenue	Full closure
	East at PR 210	Full closure (ramped and open to local traffic)
Ste. Agathe	East at PR 305	Partial closure (PR 305 open)

### Assiniboine River Basin

- The flood warning for the Assiniboine River from Shellmouth Dam to Brandon and 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. As of this morning, the reservoir water level is at 1,402.8 feet (427.57 m), an increase of 0.4 ft (0.12 m). Inflows to the reservoir are approximately 6,004 cfs (170.02 cms) and outflows are 3,495 cfs (98.97 cms). Dam operations are continuously assessed and outflows may change in response to conditions.
- 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. Provincial staff are in regular communication with the town of Minnedosa and are monitoring the situation closely.
- 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, in accordance with the operating guidelines. As of this morning, flow down the diversion channel is 6,710 cfs (190.01 cms) and flow on the lower Assiniboine River just east of Portage La Prairie is 9,606 cfs (272.01 cms).

### Whitemud River

- A flood warning remains for the Whitemud River near Woodside. Water levels are stable at Woodside but declining at all other locations.

### Eastern Region

## Transportation and Infrastructure

- A flood warning remains for the Winnipeg River and the Whiteshell lakes area. A flood watch remains for the Roseau River.
- The Winnipeg River is experiencing very high flows and water levels due to significant volumes of water upstream in Lake of the Woods and Lac Seul, both of which are still rising.
- Water level projections on the Winnipeg River were updated on May 23, 2022 based on the most recent Manitoba Hydro Inflow Forecast. Peak water levels are generally expected to be 0.15 m to 0.2 m higher than previous estimates which is attributed to the rise in the projected peak inflow. Water levels are expected to rise 0.4 m to 0.5 m in the next week for the areas of Nutimik, Dorothy, Margaret, Eleanor, and Sylvia Lakes. In the next two weeks, water levels are projected to rise 0.6 m to 0.7 m in the Nutimik/Dorothy Lake area and 0.7 m to 0.8 m in the further downstream areas of Margaret/Eleanor/Sylvia Lakes. Water levels are currently projected to reach a peak level in the next two weeks subject to weather conditions and upstream flow releases. Information on current and forecasted water levels on the Winnipeg River are available on Manitoba Hydro's website: [https://www.hydro.mb.ca/corporate/facilities/water\\_levels/](https://www.hydro.mb.ca/corporate/facilities/water_levels/)
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### Parkland Region

- A flood warning for Dauphin Lake and a flood watch for Mossy River remains. The level of Dauphin Lake has exceeded flood stage and will remain above flood stage until the end of June with normal weather conditions.
- Water levels and flows on Dauphin Lake and outflows from the lake on Mossy River continue to rise but are near peak. Water levels and flows on the remaining rivers and drains draining out of the Riding Mountain area are declining. Rivers and streams further north, draining out of the Duck and Porcupine Mountains are generally stable or declining.
- 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.

- Pumping operations continue to provide internal drainage at the community of Ste. Rose du Lac.

### Manitoba Lakes

- The north basin of Lake Winnipeg has some ice remaining but it is degrading quickly, most other lakes are ice-free.
- Outflow from Lake Manitoba through the Fairford River Water Control Structure this morning is approximately 4,026 cfs (114.00 cms). The structure is being operated in accordance with the operating guidelines.
- Lake Winnipeg is at wind eliminated level of 715.22 ft (218.00 m) today, just above the upper end of its operation range. The water level regulation range for Lake Winnipeg 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.

### \*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.