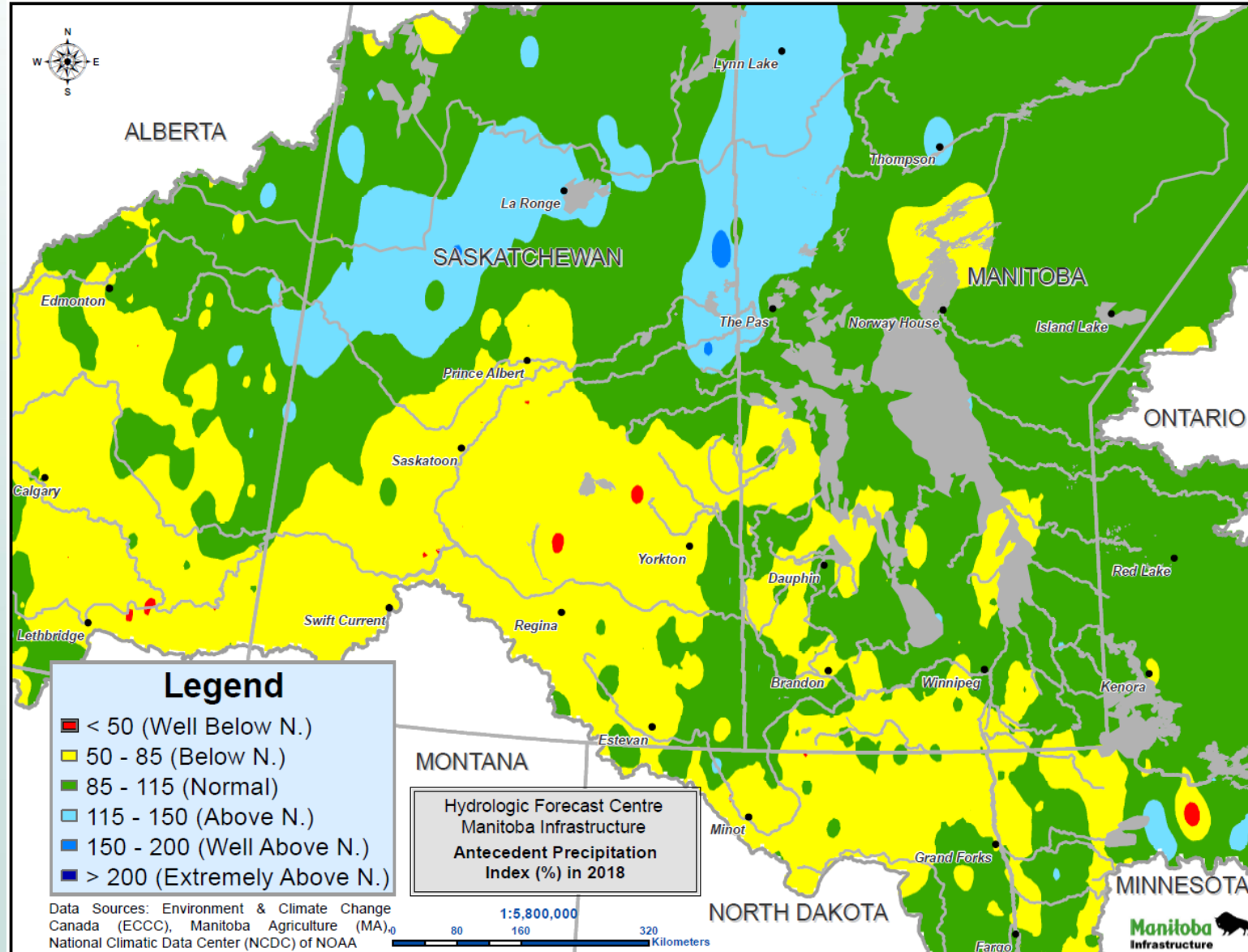


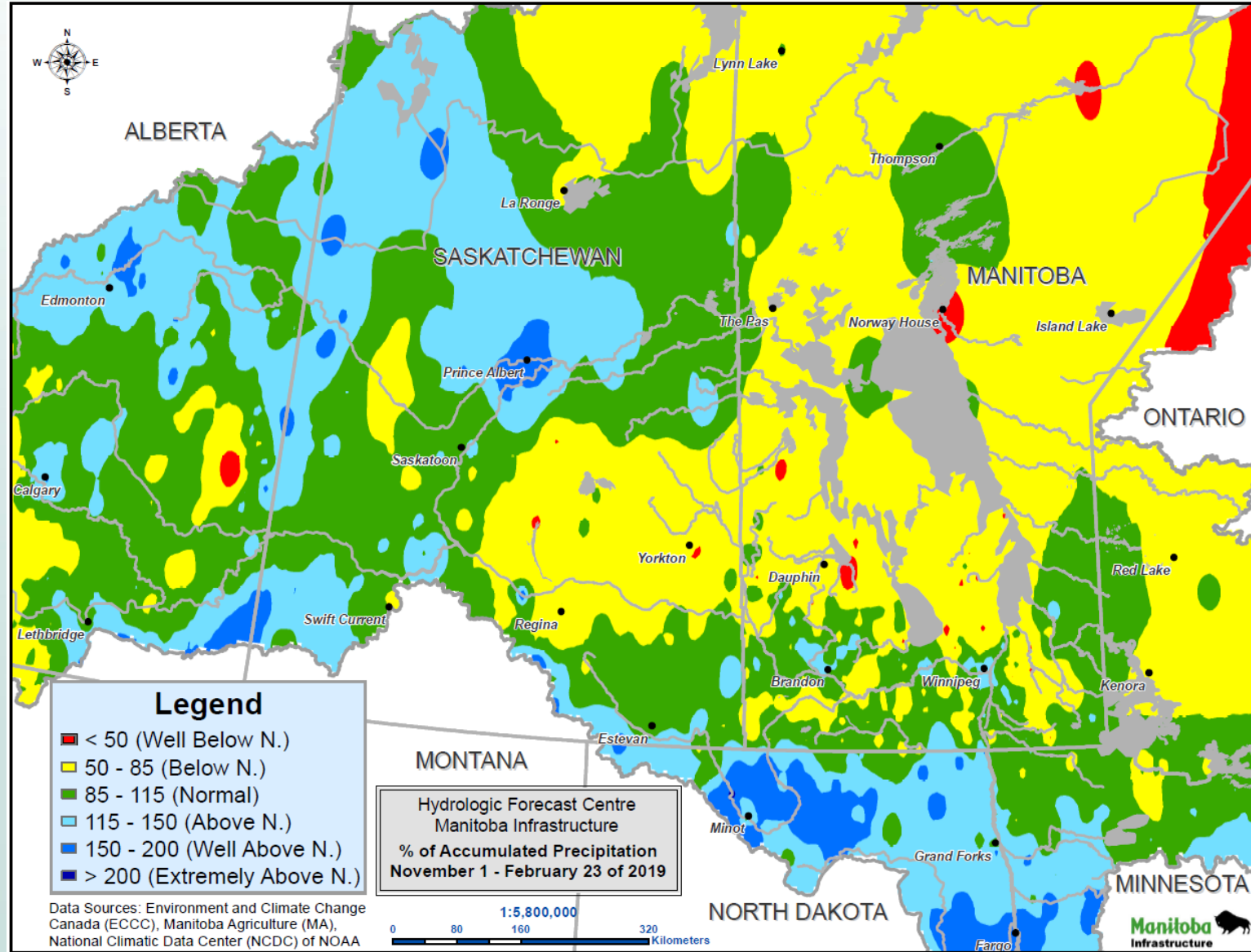
# Soil Moisture

- **Near normal** in most areas
- **Southern Manitoba** and the Upper Assiniboine River basin is **below normal**



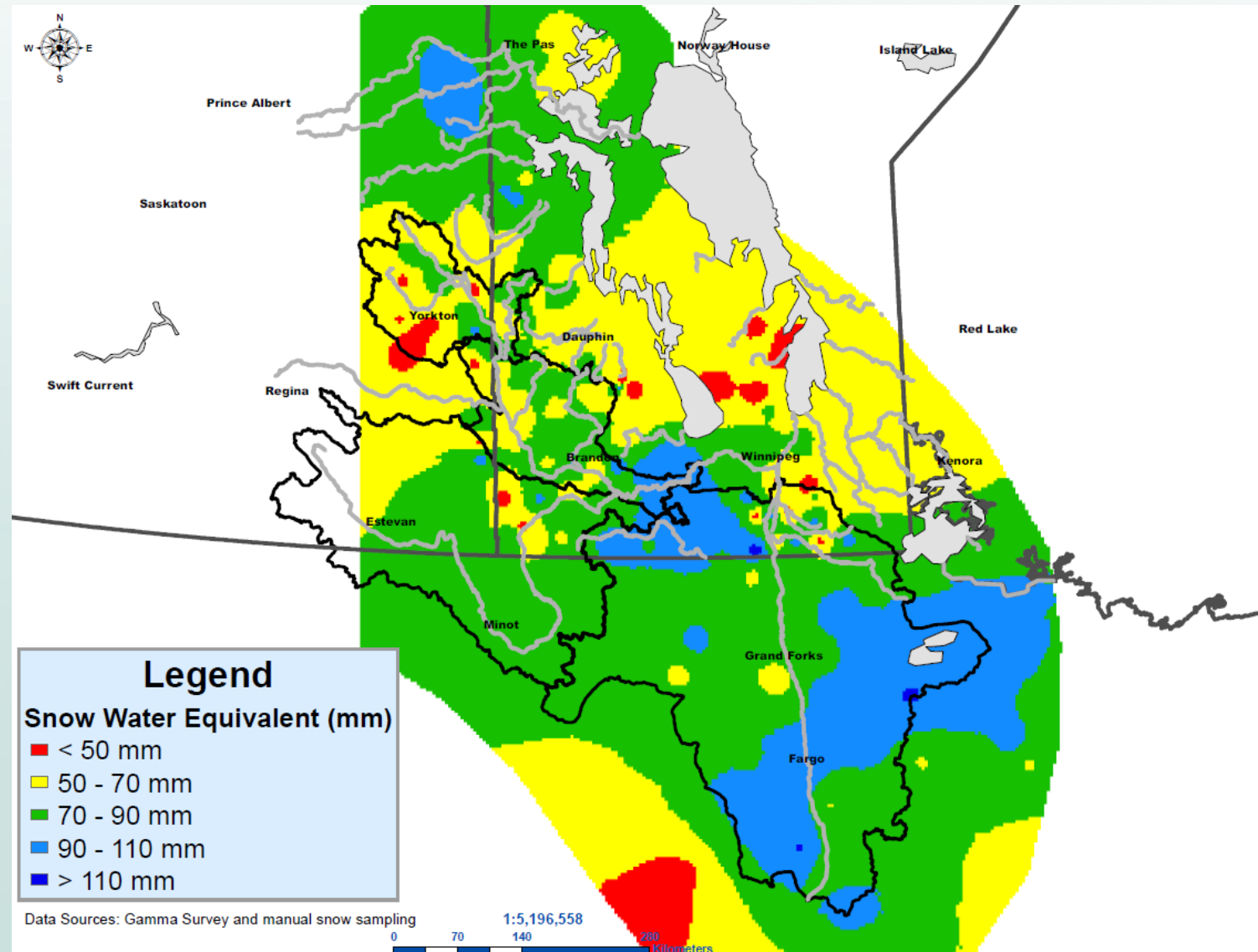
# Winter Precipitation (%)

- **Normal to well above normal on:**
  - The Red River and tributaries
  - The Souris River and
  - The Saskatchewan River
- **Normal to below normal in all other Manitoba basins**



# Snow Water Content (MM)

- Ranges between 70 and 110 mm in southern and northern basins
- Between 50 and 70 mm in central and western Manitoba



# Red River

## ■ Normal Weather

- **High risk of Major Flooding** within the Red River valley (i.e. Property Damages and economic impacts)
- Levels south of Floodway Inlet are expected to be **near 2011 flood levels**

## ■ Unfavorable Weather

- **High risk of Major Flooding** within the Red River valley
- Levels south of Floodway Inlet are expected to be **near 2009 flood levels**
- Within City of Winnipeg, **James Avenue** is expected to reach **20.4 feet**
- Red River Floodway is expected to be operated
- **Favorable Weather** – Minor Flooding

# Assiniboine and Souris Rivers

- High risk of **Moderate flooding** (i.e., low-lying areas and agricultural lands flooded)
- Water levels will be **below flood protection levels** (i.e., below top of dikes)
- Upper Assiniboine River: **Low risk of overland flooding**
- **Portage Diversion** is expected to be operated

# Central, Northern & Western Regions

- Interlake and Whiteshell Lake areas
  - **Low risk of overland flooding** (i.e. flooding from snowmelt & precipitation)
- Northern Manitoba
  - **Moderate risk of overland flooding** (i.e. flooding from snowmelt & precipitation)
- **Major Lakes** expected to be within desirable ranges.
- **Risk of ice jam** related flooding due to above normal ice thickness

# Flow Summaries

	<b>Assiniboine River @ Portage (cfs)</b>
<b>Lower D</b>	<b>15,700</b>
<b>Median</b>	<b>27,000</b>
<b>Upper D</b>	<b>39,500</b>

	<b>Red River @ Ste. Agathe (cfs)</b>
<b>Lower D</b>	<b>53,000</b>
<b>Median</b>	<b>71,000</b>
<b>Upper D</b>	<b>93,000</b>

	<b>Souris @ Wawanessa (cfs)</b>
<b>Lower D</b>	<b>6,500</b>
<b>Median</b>	<b>10,000</b>
<b>Upper D</b>	<b>17,600</b>

	<b>Roseau River @ Gardenton (cfs)</b>
<b>Lower D</b>	<b>2,000</b>
<b>Median</b>	<b>3,000</b>
<b>Upper D</b>	<b>5,000</b>

# Red River at Ste. Agathe

