



**Hydrologic Forecast Centre
Regulatory and Operational Services
Manitoba Water Stewardship**

**Storm Report for Manitoba
July 9, 2009**

A significant storm brought 15-20 mm of rain to much of southern Manitoba last night and this morning. A much needed 29 mm fell at Virden. However rainfall in the Russell area was quite spotty and some areas which needed rain badly seem to have received little. Rainfall was only in the 10 mm range in then Interlake and in most areas east of the Red River south of PTH 52.

Intense rain of 30-40 mm fell in the Winnipeg area and points east and northeast of the City in a period of about half and hour this morning, causing local flooding problems in the City. Water and Waste officials had received 140 calls regarding street flooding and 11 calls for basement flooding as of 12:30 p.m. today. It is believed that most of the basement flooding was due to weeping tile overload. This intensity of rainfall in half and hour has a return period of about 25 years. As of noon, the rain had moved into the northern Whiteshell area and the weather radar was clear over other areas of southern Manitoba. The chance of additional rain in southern Manitoba from this system is quite low. However the northern Interlake and much of northern Manitoba will likely get 25-40 mm of rain by tomorrow evening.

The rain will have little effect on streams in southern Manitoba, with only minor rises expected in most areas. Small streams in the heavy rain area from Winnipeg to Beausejour could rise a few feet by tomorrow.

Levels of the Red River rose from 13.15 feet at 9 a.m. this morning to 13.5 feet by noon and could rise briefly to near 14 feet later today, mainly due to runoff from the City and small local streams. Levels will resume declining by tomorrow at a somewhat less rapid rate due to the rain. The level in downtown Winnipeg is expected to fall to 8.5 feet by the end of next week.

The Bloodvein River, Bird River and other streams in eastern Manitoba may stop declining for a few days due to the rain and then resume falling. The Winnipeg River will continue to decline. All these streams remain at much above average flows and levels with significant flooding of low lying portions.

Streams and lakes in the Interlake will not be significantly affected since rain was relatively light. However fairly strong west to northwest winds will develop this afternoon and will continue on Friday, causing wind set-up and significant wave action along eastern shorelines of the large lakes.