

Manitoba Water Resources Branch
Daily Water Levels and Forecasts



April 16, 2006

Pembina River

| LOCATION | Conditions this Morning | | Change from Apr 15 (ft.) | Total Rise to Date (ft.) | Forecasted Peak | | Flood Stage or Existing Channel Capacity | | Previous Peak Stages and Flows | | | |
|---------------------|-------------------------|--------------|--------------------------|--------------------------|-----------------|-------------|--|-------------|--------------------------------|-------------|------------|-------------|
| | FLOW (cfs) | STAGE (feet) | | | LEVEL (ft.) | DATE | FLOW (cfs) | STAGE (ft.) | 1995 | | 1997 | |
| | | | | | | | | | FLOW (cfs) | STAGE (ft.) | FLOW (cfs) | STAGE (ft.) |
| Killarney | | n/a | | | ** | | | | 2,500 | | | |
| Pelican Lk. Div. | 0 | | | | 0 | | | | 230 | | Nil | |
| Pelican Lk. Outflow | 370 | | | | 350 cfs | | | | 330 | | 320 | |
| Pelican Lake | | 1352.62 | -0.04 | | **1352.8 | April 11-12 | | 1352.5 | | 1352.50 | | 1353.20 |
| u/s Lorne Lake | 316 | 7.19 | -0.20 | | ** | | | | | | | |
| Badger Creek | 1,230 | 1474.44 | -0.38 | | **1477.77 | Apr 3 | | | 3,900 | 1478.80 | 3,900 | |
| Rock Lake | | 1337.25 | -0.23 | | **1338.26 | Apr8-9 | | 1331.0 | 6,500 | 1338.00 | | 1338.30 |
| d/s Crystal Creek | | | | | ** | Apr 8-9 | | | 7,700 | | 9,100 | |
| Swan Lake | | | | | ** | Apr 11 | | | 6,400 | | | |
| La Riviere | | 1294.23 | -0.37 | | **1294.76 | April 14 | | 1297.0 | 6,300 | 1297.00 | | 1298.20 |
| Mowbray Creek | | | | | | | | | 600 | | 1,500 | |
| Snowflake Creek | 1,530 | 1228.67 | -0.11 | | **1229.0 | Apr 11-12 | | | | | | |
| Windygates | 9,990 | 1119.21 | -0.66 | | **1121.13 | Apr 13-14 | 10,000 | 1123.5 | 7,400 | 1119.60 | 13,500 | 1123.20 |
| Walhalla | 10,700 | 15.06 | -0.23 | | Slow | Fall | 5700 | 11.0 | | 13.50 | | 16.20 |
| Neché | | 21.36 | -0.04 | | 22.0 | Apr 19-20 | | \$ 21.5 | 8,500 | 23.30 | | 24.50 |

\$ Stage above which significant cross-boundary flows begin in Gretna area.
Data and forecasts for Walhalla and Neche from U.S. National Weather Service.
Rain unlikely to raise river levels but will reduce or halt the decline.

NOTE: Forecast based on normal weather conditions.
25-35 mm rain likely April 18-19

Overflows on boundary near Aux Marais crossing likely tonight and tomorrow due to wave action from strong south winds
Residents along the Aux Marais River including village of Halbstadt are advised to prepare for a possible flooding