

## ST. LAWRENCE SHIP CHANNEL WATER LEVEL

Forecasts as of : **March 21, 2017**

| Station                         | Expected lowest water level above chart datum |                 |                 |                 |                 |
|---------------------------------|---|-----------------|-----------------|-----------------|-----------------|
|                                 | 3 days  | 4 to 7 days     | Week 2          | Week 3          | Week 4          |
|                                 | (22/03 - 24/03)                               | (25/03 - 28/03) | (29/03 - 04/04) | (05/04 - 11/04) | (12/04 - 18/04) |
| <b>Montreal</b><br># 15520      | 0.95m   | 1.00m           | 1.0m            | 1.2m            | 1.4m            |
| <b>Sorel</b><br># 15930         | 1.05m   | 1.10m           | 1.2m            | 1.3m            | 1.6m            |
| <b>Trois-Rivieres</b><br># 3360 | 1.05m   | 1.10m           | 1.3m            | 1.4m            | 1.7m            |

**Note :**

1. These forecasts give the expected minimum water levels above chart datum at the indicated locations and at the specified times to assist commercial shipping in short term planning of operations (1 to 4 weeks).
2. This bulletin is produced by the Hydraulic Engineering sector, CCG, Headquarters on Thursday of each week.
3. The Canadian Coast Guard provides no guaranties on water levels and assumes no responsibilities relative to damages or losses resulting from the use of this information.
4. It should be clearly understood that this information is a forecast of water levels which may be altered by short term hydrometeorological factors. The vessel master or officer-in-charge has the ultimate responsibility for the vessel safety at all times.
5. Ice jams management could induce important variations in the water levels. The water level forecasts within this bulletin do not take into account the potential variations resulting from ice jam management.

## Pertinent current information

### 1. Lake Ontario :

|           | Weekly average water level |                               | Outflow at the Moses-Saunders dam |                               |
|-----------|----------------------------|-------------------------------|-----------------------------------|-------------------------------|
|           | Level (m)                  | Difference from previous week | Outflow (m <sup>3</sup> /s)       | Difference from previous week |
| Last week | 74.98                      | 0.04                          | 7460                              | 50 (1%)                       |
| Current   | 75.00                      | 0.02                          | 6920                              | -540 (-7%)                    |

### 2. Ottawa river outflow :

|           | Total outflow at the Carillon dam |                               | Outflow into Lake St. Louis |                               |
|-----------|-----------------------------------|-------------------------------|-----------------------------|-------------------------------|
|           | Outflow (m <sup>3</sup> /s)       | Difference from previous week | Outflow (m <sup>3</sup> /s) | Difference from previous week |
| Last week | 4160                              | 1180 (40%)                    | 1800                        | 600 (50%)                     |
| Current   | 3910                              | -250 (-6%)                    | 1720                        | -80 (-4%)                     |

Additional information may be obtained from :

Samir Gharbi, Ph.D., ing.

101 blv. Champlain

Waterways acting manager

Québec (Québec), G1K 7Y7

Canadian Coast Guard

Phone : (418) 648-2497

Central and Arctic Region

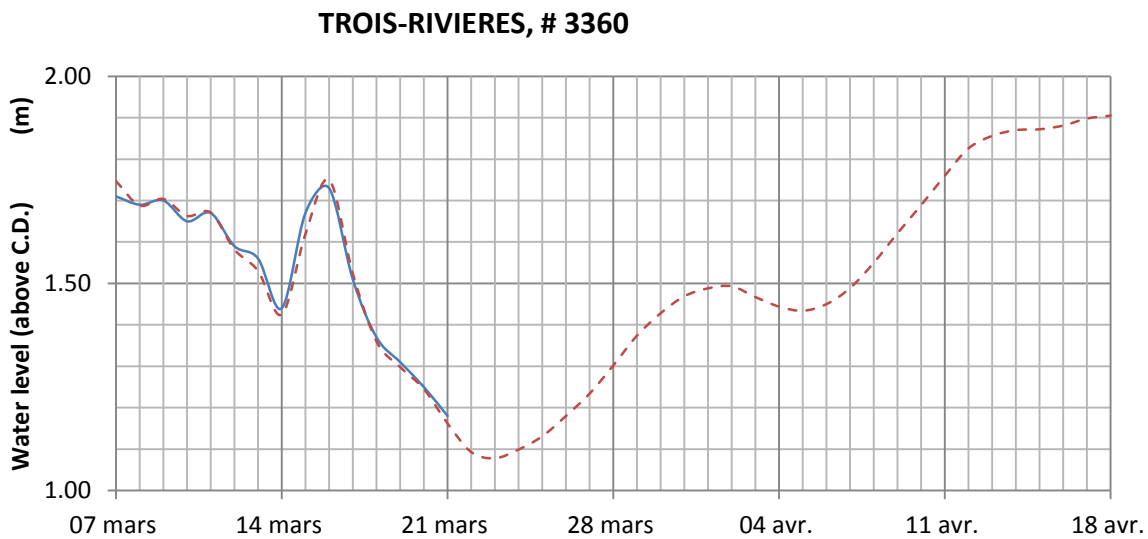
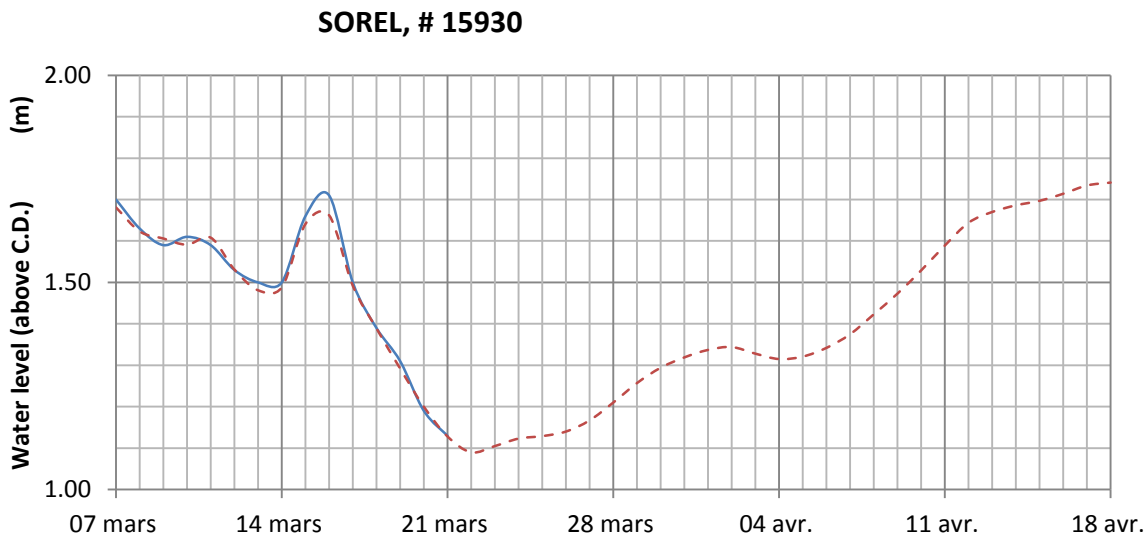
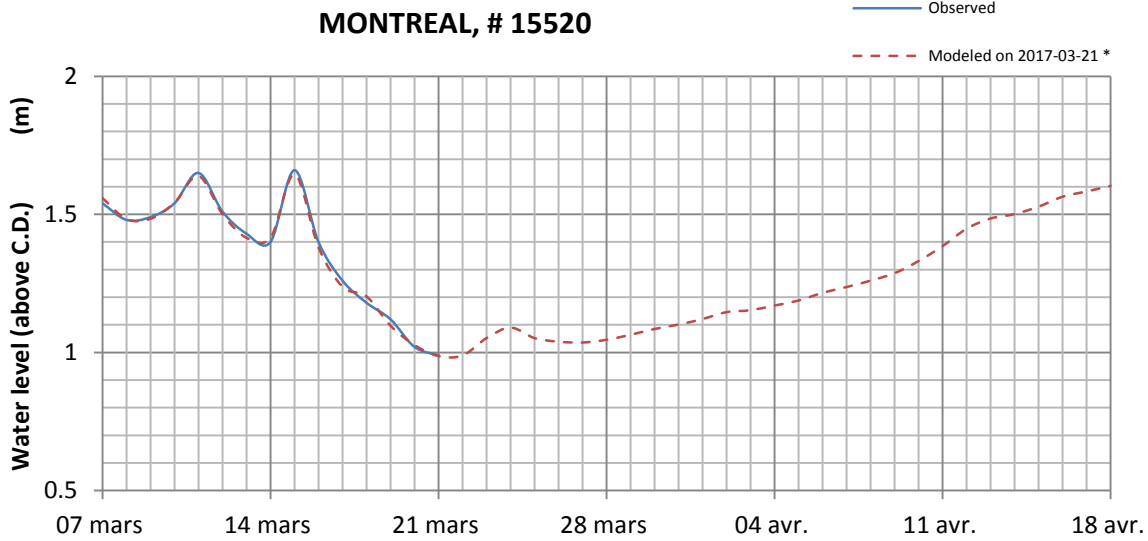
Fax : (418) 648-6690

(Ce bulletin est également disponible en français)

This bulletin is also available on internet :

<http://www.marinfo.gc.ca/en/Niveaux/Index.php>

# OBSERVED AND MODELED DAILY MINIMUM WATER LEVELS



\* Water level modeled with available measured data and expected data