

MAY 2018: Predicted Times for Tidal Bore Viewing from the bridge at Mantua

also, low and high Tide Times for Windsor, Nova Scotia (southern Minas Basin, part of Bay of Fundy)

NOTE: MB = The **bridge** crossing the Herbert River in **Mantua**, Hants Co., near Tidal Bore Farm Market, route 14.
Range (metres) = **vertical rise of water** from low tide to high tide, which takes about **6.2 hours**.
 An **average Minas Basin tide** range is approximately **12 meters** (39 ft). (1 metre is aprox. 3.3 ft)
Tide range flooding into St Croix and Herbert Rivers from Minas Basin, **influences tidal bore** quality.
 The **tidal bore** is a tumbling **rush of tide water flooding up-river** marking the arrival of the new rising tide.

| | MAY Date | Low Tide | MB bore | High tide | Range to High | Low Tide | Moon status |
|---|----------|-----------------|-----------------|----------------|---------------|----------|--|
| T | 1 | 8:44 AM | 12:49 PM | 2:50 PM | 13.1 m | | New Moon was April 30th |
| W | 2 | 9:23 AM | 1:27 PM | 3:30 PM | 12.6 m | | |
| T | 3 | 10:03 AM | 2:08 PM | 4:10 PM | 11.9 m | | |
| F | 4 | 10:43 AM | 2:48 PM | 4:51 PM | 11.1 m | | |
| S | 5 | 11:24 AM | 3:29 PM | 5:33 PM | 10.2 m | | |
| S | 6 | 12:08 PM | 4:13 PM | 6:19 PM | 9.4 m | | Moon at apogee (farthest distance from Earth) |
| M | 7 | 12:57 PM | 5:01 PM | 7:09 PM | 8.8 m | | |
| T | 8 | 1:48 PM | 5:52 PM | 8:02 PM | 8.5 m | | Last Quarter Moon |
| W | 9 | 2:42 PM | 6:47 PM | 8:56 PM | 8.6 m | | |
| T | 10 | 3:36 PM | 7:41 PM | 9:50 PM | 9.1 m | | |
| F | 11 | 4:04 AM | 8:09 AM | 10:12 AM | 9.4 m | | also an early evening bore at 8:33 p.m. |
| S | 12 | 4:56 AM | 9:01 AM | 11:04 AM | 10.4 m | | |
| S | 13 | 5:47 AM | 9:52 AM | 11:53 AM | 11.6 m | | |
| M | 14 | 6:35 AM | 10:40 AM | 12:40 PM | 12.8 m | | |
| T | 15 | 7:22 AM | 11:26 AM | 1:27 PM | 13.8 m | | New Moon |
| W | 16 | 8:09 AM | 12:14 PM | 2:15 PM | 14.5 m | | |
| T | 17 | 8:58 AM | 1:02 PM | 3:04 PM | 14.8 m | | Moon at perigee (nearest distance to Earth) |
| F | 18 | 9:48 AM | 1:53 PM | 3:56 PM | 14.6 m | | Perigee near a New Moon means stronger tides, producing potential for a better tidal bore. |
| S | 19 | 10:42 AM | 2:46 PM | 4:52 PM | 14.1 m | | |
| S | 20 | 11:39 AM | 3:43 PM | 5:51 PM | 13.4 m | | |
| M | 21 | 12:39 PM | 4:44 PM | 6:55 PM | 12.6 m | | |
| T | 22 | 1:43 PM | 5:48 PM | 8:01 PM | 11.9 m | | First Quarter Moon |
| W | 23 | 2:48 PM | 6:53 PM | 9:07 PM | 11.5 m | | |
| T | 24 | 3:21 AM | 7:26 AM | 9:32 AM | 11.3 m | | |
| F | 25 | 4:23 AM | 8:28 AM | 10:34 AM | 11.3 m | | also an early evening bore at 7:56 p.m. |
| S | 26 | 5:20 AM | 9:24 AM | 11:30 AM | 11.5 m | | |
| S | 27 | 6:11 AM | 10:15 AM | 12:20 PM | 11.8 m | | |
| M | 28 | 6:57 AM | 11:01 AM | 1:05 PM | 12.0 m | | |
| T | 29 | 7:40 AM | 11:44 AM | 1:47 PM | 12.0 m | | Full Moon |
| W | 30 | 8:19 AM | 12:23 PM | 2:26 PM | 12.0 m | | |
| T | 31 | 8:58 AM | 1:02 PM | 3:04 PM | 11.8 m | | |

NOTES for May: Above average tides follow Full and New Moons (**FM, NM**). Average to below average tides generally follow First and Last Quarter Moons (**FQ, LQ**). Moon phases have a 29.5 day cycle (e.g. NM to NM). **Earth-Moon distance varies** through the month. **Closest Moon to Earth is perigee. Farthest Moon from Earth is apogee.** Moon distance influences the strength and range of a tide on a 27.5-day cycle (e.g. perigee to perigee). Perigee **enhances**, apogee **diminishes** tide range. **May 7 to 9** tides are near a Quarter Moon near apogee, thus weaker tides and diminished bore conditions. **May 16 to 19**, perigee near the New Moon produces stronger, higher than average tides creating the potential for good tidal bore conditions. [Predicted times tend to be for when the bore starts to be seen in the distant view] <http://users.eastlink.ca/~shermwms/index.html>

Allow \pm 10 to 15 minutes on prediction times. Sherman Williams <shermwms@eastlink.ca>