



Stoke Gabriel Flood Watch



Year 2010. Highest Predicted Tides for Stoke Gabriel

Month	Date / Day	Time	Ht
Jan	3 Sun	0758	5.2
Feb	1 Mon	0745	5.4
		2012	5.0
Mar	2 Tue	0804	5.4
		1950	5.2
	31 Wed	0753	5.2
		2026	5.1
July	13 Tue	2036	5.1
Aug	12 Thu	2102	5.4
Sept	10 Fri	0825	5.2
		2040	5.4
Oct	9 Sat	0800	5.2
		2017	5.2
Nov	7 Sun	0639	5.0

NOTES

- 1) Times stated in the schedule above are local times. These include adjustment for BST which operates between March 28th and October 30th.
- 2) The predicted maximum heights shown are for the nearest Secondary Port, Greenway Quay, which is 2 miles downriver of Stoke Gabriel. They are Hydrographic Office predictions for still water level above chart datum, assuming calm conditions and average barometric pressure.
- 3) Actual still water level can rise above the predicted HW heights as the barometric air pressure falls below 1015 millibars. For example in March 2008 a pressure of 967 mb at a predicted HW height of 5.0m produced a water level of 5.5 meters (including freeboard) above chart datum in Dartmouth.
- 4) Additional factors leading to higher than predicted tides are: storm water from heavy rains over Dartmoor during the preceding days and sustained strong south easterly winds.
- 5) These predictions may be improved during the course of the year when it is hoped that the Hydrographic Office will produce tidal predictions for Stoke Gabriel (Duncannon).