

# Temperature/Depth data for Charles River 2016-2017

Version 1.0

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**Title:** Temperature/Depth data for Charles River 2016-2017

**Summary:** This data is the result of a partnership between the Charles River Alliance of Boaters (CRAB) and the MIT Sea Grant College Program to chart the Lower Charles River.

**Description:** To compensate for river fluctuations during the Charles River survey, the team recorded water depth with Onset HOBO Model #U20L-04 Water Level Loggers at Riverside Boat Club, Herter Park, and Community Rowing facilities, adding First Street in 2017. All depth measurements were referenced to a USGS First Street Bridge gauge height of 107.5 ft. The datum for this gauge is the Massachusetts Metropolitan District Commission base, which is 105.62 ft higher than NGVD 1929.

## Online resources:

PDF and Google Earth versions of the chart, as well as historical charts, are available at:

[www.charlesriverallianceofboaters.org/chart.html](http://www.charlesriverallianceofboaters.org/chart.html)

An on-line version of the chart and additional information can be found at:

<http://seagrants.mit.edu/charleschart/>

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**Credits:** When using CRAB and MIT Sea Grant Chart Project data on maps or in digital applications, source credit should be stated as "*Massachusetts Institute of Technology*".

**Data structure:** The data is contained in Excel xlsx files.