

2005 Parameter Data: Greenwich Bay pH

The standard measurement of acidity is pH. A pH of less than 7 is acidic; above pH 7 is alkaline, also known by the term "basic." The pH measurement is a logarithmic measurement, which means that each unit decrease in pH equals a ten-fold increase in acidity. In other words, pH 5 water is ten times more acidic than pH 6 water. The normal pH range in Narragansett Bay is 7.0 to 8.5, but can change rapidly in response to rain events or during large phytoplankton blooms.

Watershed code	LOCATION	Sample Depth (m)	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
			-- (ug/l or ppb) --						
NA	Greenwich Bay #1 - Middle Ground Buoy	1	-	-	7.8	7.9	8.1	7.9	7.9
NA	Greenwich Bay #1 - Middle Ground Buoy	DEEP	-	-	7.8	7.9	8.1	5.9	7.4
NA	Greenwich Bay #2 - Sally Rock	1	-	-	-	-	-	6.3	-
NA	Greenwich Bay #2 - Sally Rock	DEEP	-	-	-	-	-	7.8	-
NA	Greenwich Bay #3 - The Brothers	1	-	-	7.9	7.8	8.1	7.8	7.9
NA	Greenwich Bay #3 - The Brothers	DEEP	-	-	7.6	8.0	8.1	7.6	7.8
NA	Greenwich Bay #4 - Greenwich Bay Marina	0.5	-	-	-	7.8	7.9	7.7	7.8
NA	Greenwich Bay #4 - Greenwich Bay Marina	DEEP	-	-	-	7.9	7.8	6.7	7.5
NA	Greenwich Bay #6 - Ponaug Marina	0.5	-	-	7.9	-	-	-	-
NA	Greenwich Bay #6 - Ponaug Marina	DEEP	-	-	7.8	-	-	-	-
NA	Greenwich Bay #8 - Little Rhody Boat Club	0.5	-	-	7.4	7.7	7.4	7.2	7.4
NA	Greenwich Bay #8 - Little Rhody Boat Club	DEEP	-	-	-	7.8	7.5	7.1	7.5
NA	Greenwich Bay #9 - Warwick Cove Marina	0.5	-	-	7.6	7.8	7.7	7.7	7.7
NA	Greenwich Bay #9 - Warwick Cove Marina	DEEP	-	-	7.7	7.8	7.7	7.3	7.6
NA	Greenwich Bay #10 - Greenwich Bay North Marina	0.5	-	-	7.6	7.7	7.8	7.7	7.7
NA	Greenwich Bay #10 - Greenwich Bay North Marina	DEEP	-	-	7.6	7.6	7.8	7.1	7.5
NA	Greenwich Bay #13 - EG Town Dock	0.5	-	-	7.5	7.5	7.7	6.9	7.4
NA	Greenwich Bay #13 - EG Town Dock	DEEP	-	-	7.6	7.5	7.6	6.6	7.3
NA	Greenwich Bay #14 - Wharf Marina	0.5	-	-	-	7.7	7.6	7.5	7.6
NA	Greenwich Bay #14 - Wharf Marina	DEEP	-	-	-	7.6	7.7	6.8	7.4