

2005 Parameter Data: pH in Lakes, Ponds and Reservoirs

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 for lakes and ponds is between 6 and 9 pH units.

Watershed code	LOCATION	Sample Depth (m)	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
			----- Standard pH units -----						
Code	pH								
CE	ALMY POND	0.5	8.1	-	-	-	10.6	7.2	8.6
WD	ALTON POND	1	6.4	-	6.4	-	-	-	6.4
TH	ARNOLD POND	1	6.3	-	6.4	-	-	6.5	6.4
S	ASA POND	1	6.9	-	6.4	-	-	-	6.6
WD	BARBER POND	1	6.4	6.4	6.5	6.9	-	6.6	6.5
WD	BARBER POND	4.5	6.1	6.2	6.7	6.5	-	7.5	6.6
A	BELLEVILLE POND - LOWER	1	6.9	-	6.9	-	-	6.8	6.9
A	BELLEVILLE POND - UPPER	0.5	6.7	-	-	-	-	6.9	6.8
PA	BLACKAMORE POND	1	7.4	-	9.0	-	-	6.9	7.8
TH	BLUE LAKE	1	-	-	7.0	-	-	6.5	6.7
WD	BOONE LAKE	1	6.5	-	6.8	-	-	6.3	6.5
WD	BOONE LAKE	5	6.4	-	6.1	-	-	6.1	6.2
TH	BOWDISH RESERVOIR	1	5.9	-	6.1	-	6.0	-	6.0
WD	BREAKHEART POND	1	6.2	-	6.6	-	-	-	6.4
TH	CARBUNCLE POND	1	6.7	-	6.7	-	6.8	6.2	6.6
TH	CARBUNCLE POND	6.5	6.0	-	6.3	-	6.4	6.1	6.2
PE	CARR POND (NK)	1	6.9	-	7.1	-	6.9	6.3	6.8
PE	CARR POND (NK)	4.5	6.8	-	6.5	-	6.8	6.2	6.6
PA	CARR POND (WG)	1	5.4	-	5.1	-	-	5.0	5.2
PA	CARR POND (WG)	9	5.3	-	5.3	-	-	8.4	6.4
CW	DEEP POND	1	-	6.7	-	-	7.0	6.3	6.7
CW	DEEP POND	5	-	6.3	-	-	6.2	6.2	6.2
PA	ELM POND	1	-	7.7	9.1	8.3	-	-	8.3
PA	ELM POND	2	-	7.4	7.4	7.3	-	-	7.4
PA	FENNER POND	1	8.3	-	8.1	-	-	6.7	7.7
PA	FLAT RIVER RESERVOIR	1	6.3	-	7.0	-	-	6.6	6.6
PA	FLAT RIVER RESERVOIR	7	6.2	-	6.2	-	-	6.4	6.3
WO	GEORGIAVILLE POND	1	6.6	7.1	-	7.3	-	6.8	6.9
WO	GEORGIAVILLE POND	6	7.1	6.5	-	6.9	-	5.8	6.6
WO	HAWKINS POND	1	7.0	-	7.1	-	-	6.9	7.0
WD	HUNDRED ACRE POND	1	6.7	-	7.0	-	-	6.5	6.8
WD	HUNDRED ACRE POND	6	6.5	-	6.3	-	-	6.7	6.5
S	INDIAN LAKE	1	6.7	-	-	6.5	-	6.0	6.4
B	KEECH POND	1	5.9	-	6.7	-	-	6.3	6.3
TH	LAKE WASHINGTON	1	6.5	-	7.1	-	6.8	-	6.8

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			----- Standard pH units -----						
Code	pH								
CE	LILY POND	1	-	-	6.9	-	-	6.8	6.8
PA	LITTLE POND	1	6.9	-	7.1	-	7.0	6.6	6.9
PA	LITTLE POND	5	6.5	-	6.5	-	6.9	7.3	6.8
WD	LOCUSTVILLE POND	1	6.1	-	6.4	-	-	5.1	5.9
S	LONG POND (SK)	1	6.2	-	6.2	-	-	5.3	5.9
S	LONG POND (SK)	7	5.9	-	5.9	-	-	4.7	5.5
WD	MEADOWBROOK POND	1	6.8	-	7.1	-	-	5.5	6.4
NA	MELVILLE POND - UPPER	1	7.2	-	7.7	-	-	7.0	7.3
PA	MISHNOCK LAKE	1	7.2	-	6.6	-	-	6.8	6.9
PA	MISHNOCK LAKE	4	-	-	6.4	-	-	6.8	6.6
SK	NANAQUAKET POND	1	7.8	-	7.9	-	-	7.7	7.8
B	NICHOLS POND	1	6.4	-	6.1	-	-	-	6.2
PA	OAK SWAMP RESERVOIR	1	6.9	-	7.1	-	-	6.7	6.9
B	PASCOAG RESERVOIR	1	5.8	-	6.2	-	6.6	6.3	6.2
B	PASCOAG RESERVOIR	4	5.9	-	6.1	-	6.1	8.1	6.6
WD	PASQUISETT POND	1	-	-	6.3	-	-	4.9	5.6
PA	PLEASURE POND	0.5	-	7.4	8.8	8.8	-	-	8.3
PA	PONAGANSETT RESERVOIR	1	5.6	-	5.9	-	-	5.8	5.8
PA	PONAGANSETT RESERVOIR	9	5.8	-	4.7	-	-	7.9	6.1
NA	PRINCE'S POND	1	7.6	-	6.8	-	8.5	7.1	7.5
NA	PRINCE'S POND	3	6.7	-	6.9	-	7.0	6.9	6.9
WD	QUEEN RIVER AT USQUEPAUGH _(GL)	1	6.4	-	6.7	-	-	5.0	6.0
PA	RANDALL POND	1	8.1	-	9.5	-	-	7.0	8.2
PA	SAND POND	1	6.6	-	6.8	-	6.5	6.5	6.6
PA	SAND POND	7	6.4	-	6.3	-	6.4	8.0	6.8
S	SAUGATUCKET POND	1	6.6	-	6.9	-	-	6.0	6.5
CW	SCHOOLHOUSE POND - LOWER	1	6.3	-	6.6	-	-	6.3	6.4
CW	SCHOOLHOUSE POND - LOWER	6+	6.0	-	6.1	-	-	6.1	6.1
CW	SCHOOLHOUSE POND - UPPER	1	6.4	-	6.6	-	-	6.1	6.4
CW	SCHOOLHOUSE POND - UPPER	6+	6.1	-	6.0	-	-	5.7	6.0
B	SCOTT POND	1	8.8	-	-	-	-	-	-
B	SCOTT POND	9	6.8	-	-	-	-	-	-
A	SECRET LAKE	1	7.1	-	7.3	-	-	6.7	7.0
S	SILVER LAKE	1	6.9	-	7.1	-	-	6.8	6.9
S	SILVER LAKE	7	-	-	6.8	-	-	7.6	7.2
PE	SILVER SPRING LAKE	1	6.8	-	6.8	-	-	6.6	6.7
TE	SLATER POND	1	9.6	-	9.0	-	7.8	6.7	8.3
B	SLATERSVILLE RESERVOIR - UPPE	1	6.9	-	6.5	-	-	5.9	6.4

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B	SLATERSVILLE RESERVOIR - UPPE	5.5	6.4	-	6.4	-	-	5.4	6.1
B	SMITH & SAYLES RESERVOIR	1	-	-	6.6	-	-	-	-
WD	SPALDING POND	1	-	-	6.1	-	-	6.0	6.1
PA	SPECTACLE POND	1	7.6	-	7.7	-	-	7.0	7.4
B	SPRING GROVE POND	1	6.6	-	6.3	-	-	6.3	6.4
B	SPRING LAKE	1	6.9	-	6.6	-	-	7.0	6.8
B	SPRING LAKE	5	6.8	-	6.9	-	-	6.9	6.9
TA	STAFFORD POND	1	-	7.3	7.1	-	7.5	6.9	7.2
TA	STAFFORD POND	7	-	6.5	6.6	-	7.2	5.7	6.5
PA	TARBOX POND	1	5.4	-	-	-	-	-	-
PA	TIOGUE LAKE	1	6.9	-	7.0	-	-	6.7	6.9
WD	TUCKER POND	1	6.1	-	6.3	-	6.4	6.1	6.2
WD	TUCKER POND	7.5	5.8	-	6.2	-	6.4	5.9	6.1
PA	UPPER DAM POND	1	6.7	-	6.9	-	-	6.5	6.7
B	VALLEY FALLS POND	0.5	7.1	-	8.2	-	-	6.5	7.3
B	WALLUM LAKE	1	6.1	-	6.3	-	-	-	6.2
B	WALLUM LAKE	5	6.7	-	6.4	-	-	-	6.6
NA	WARWICK POND	1	7.4	-	9.7	-	7.7	7.2	8.0
NA	WARWICK POND	5.5	6.9	-	6.9	-	6.8	7.1	6.9
WD	WATCHAUG POND	1	6.2	-	6.4	-	6.4	6.2	6.3
WD	WATCHAUG POND	10	-	-	5.9	-	6.4	6.2	6.1
WO	WATERMAN RESERVOIR	1	6.5	-	6.9	-	-	7.1	6.8
NA	WESQUAGE POND	1	7.1	8.3	7.9	-	-	6.7	7.5
WD	WHITE BROOK POND	1	-	6.4	6.4	-	-	5.9	6.2
S	WHITE POND	1	-	6.4	5.0	-	5.1	-	5.5
S	WHITE POND	8+	-	0.0	5.1	-	5.2	-	3.4
WD	WINCHECK POND	1	5.4	-	5.7	-	-	-	5.5
WD	WINCHECK POND	5	5.2	-	5.3	-	-	-	5.2
WO	WOONASQUA. RES. - STUMP P.	1	7.0	-	7.0	-	-	6.9	6.9
WD	WORDEN POND	1	6.6	-	7.0	-	-	-	6.8
WD	WYASSUP LAKE	1	-	-	7.2	-	-	6.6	6.9
WD	WYASSUP LAKE	7	-	-	-	-	-	6.6	-
WD	WYOMING POND	1	-	6.4	6.3	-	-	5.3	6.0
WD	YAWGOO POND	1	6.8	5.3	6.8	9.3	-	6.5	6.9
WD	YAWGOO POND	10	6.5	6.2	6.1	6.5	-	6.6	6.4