

2006 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	LOCATION	Sample	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
		Depth (m)							
<b>Code</b>	<b>pH</b>		<b>----- Standard pH units -----</b>						
WD	ALTON POND	1	6.1	-	6.8	-	-	-	6.5
S	ASA POND	1	6.6	-	6.2	-	-	-	6.4
WD	BARBER POND	1	6.2	-	6.5	-	-	6.9	6.5
WD	BARBER POND	4.5	-	-	6.4	-	-	-	-
A	BELLEVILLE POND - LOWER	1	6.6	-	6.5	-	-	-	6.5
A	BELLEVILLE POND - UPPER	0.5	-	6.9	6.8	-	-	-	6.9
PA	BLACKAMORE POND	1	6.6	-	7.5	-	-	6.8	7.0
TH	BLUE LAKE	1	6.7	-	6.4	-	-	6.4	6.5
WD	BOONE LAKE	1	6.2	-	6.5	-	-	6.4	6.4
WD	BOONE LAKE	5	6.4	-	6.1	-	-	6.5	6.3
TH	BOWDISH RESERVOIR	1	5.3	-	6.3	-	-	6.3	6.0
WD	BROWNING MILL POND	1	6.2	-	6.4	-	-	6.2	6.2
TH	CARBUNCLE POND	1	6.4	-	6.1	6.3	-	6.2	6.3
TH	CARBUNCLE POND	6.5	5.9	-	6.6	5.9	-	6.3	6.2
PE	CARR POND (NK)	1	6.8	-	6.9	-	-	6.7	6.8
PE	CARR POND (NK)	4.5	6.4	-	6.6	-	-	6.7	6.6
PA	CARR POND (WG)	1	5.3	-	5.2	-	-	5.2	5.2
PA	CARR POND (WG)	9	5.4	-	5.3	-	-	5.1	5.3
TH	CLARKVILLE POND	1	-	-	6.2	-	-	5.3	5.8
CW	DEEP POND	1	-	6.4	6.7	-	-	6.1	6.4
CW	DEEP POND	5	-	5.8	5.9	-	-	6.3	6.0
PA	FENNER POND	1	6.8	-	7.5	-	-	6.7	7.0
PA	FLAT RIVER RESERVOIR	1	6.0	-	6.4	-	-	6.5	6.3
PA	FLAT RIVER RESERVOIR	7	6.0	-	5.9	-	-	7.0	6.3
WO	GEORGIAVILLE POND	1	6.8	-	7.2	-	-	6.8	6.9
WO	GEORGIAVILLE POND	6	9.1	-	6.7	-	-	7.5	7.8
NA	GORTON POND	1	-	8.3	8.5	6.9	-	6.7	7.6
NA	GORTON POND	10	-	6.4	6.5	6.6	-	6.7	6.5
WO	HAWKINS POND	1	6.5	-	6.7	-	-	6.7	6.6
WD	HUNDRED ACRE POND	1	6.6	-	7.1	-	-	6.5	6.7
WD	HUNDRED ACRE POND	6	6.3	-	6.2	-	-	6.7	6.4
S	INDIAN LAKE	1	6.5	-	6.5	-	-	6.5	6.5
B	KEECH POND	1	-	5.1	6.7	-	-	7.2	6.3
CE	LILY POND	1	6.8	-	6.8	-	-	-	6.8

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Watershed	LOCATION	Sample Depth (m)	Standard pH units							MEAN
			MAY	JUNE	JULY	AUG.	SEPT.	OCT.		
PA	LITTLE POND	1	6.7	-	9.3	9.8	-	6.6	8.1	
PA	LITTLE POND	5	6.7	-	6.4	6.6	-	6.6	6.6	
WD	LOCUSTVILLE POND	1	5.5	-	6.5	-	-	5.0	5.7	
S	LONG POND (SK)	1	6.3	-	6.0	-	-	6.0	6.1	
S	LONG POND (SK)	7	-	-	-	-	-	-	-	
WD	MEADOWBROOK POND	1	7.1	-	7.1	-	-	6.5	6.9	
NA	MELVILLE POND - UPPER	1	6.8	-	7.3	-	-	6.7	6.9	
PA	MESHANICUT POND	0.5	6.8	-	9.7	-	-	6.4	7.6	
PA	MISHNOCK LAKE	1	6.9	-	6.7	6.7	-	6.8	6.7	
PA	MISHNOCK LAKE	4	6.8	-	6.3	6.6	-	6.7	6.6	
SK	NANAQUAKET POND	1	7.9	-	7.7	-	-	7.9	7.8	
PA	OAK SWAMP RESERVOIR	1	6.8	-	7.4	-	-	-	7.1	
B	PASCOAG RESERVOIR	1	6.0	-	6.2	-	-	6.4	6.2	
B	PASCOAG RESERVOIR	4	6.1	-	6.2	-	-	6.2	6.1	
WD	PASQUISETT POND	1	5.7	-	6.0	-	-	6.2	6.0	
PA	PONAGANSETT RESERVOIR	1	5.4	-	5.7	4.7	-	5.8	5.4	
PA	PONAGANSETT RESERVOIR	9	5.5	-	5.6	5.1	-	6.0	5.5	
NA	PRINCE'S POND	1	7.2	-	6.8	-	-	6.8	6.9	
NA	PRINCE'S POND	3	6.8	-	6.6	-	-	6.7	6.7	
PA	PRINTWORKS POND		-	-	6.9	-	-	-	-	
WD	QUEEN @ USQUEPAUGH (Glen Rock Res.)	1	5.9	-	6.3	-	-	6.3	6.2	
PA	RANDALL POND	1	7.0	-	7.4	-	-	6.8	7.1	
PA	SAND POND	1	6.6	-	6.8	6.0	-	6.3	6.4	
PA	SAND POND	7	6.1	-	6.4	6.3	-	6.3	6.3	
S	SAUGATUCKET POND	1	6.2	-	6.4	-	-	6.3	6.3	
CW	SCHOOLHOUSE POND - LOWER	1	6.3	-	6.6	-	-	6.4	6.4	
CW	SCHOOLHOUSE POND - LOWER	6+	6.4	-	6.1	-	-	-	6.3	
CW	SCHOOLHOUSE POND - UPPER	1	6.4	-	6.2	-	-	6.2	6.3	
CW	SCHOOLHOUSE POND - UPPER	6+	6.4	-	6.0	-	-	-	6.2	
B	SCOTT POND	1	7.2	-	8.7	-	-	7.4	7.8	
B	SCOTT POND	9	8.4	-	6.7	-	-	-	7.6	
A	SECRET LAKE	1	7.0	-	7.1	-	-	6.7	6.9	
S	SILVER LAKE	1	6.7	-	6.8	-	-	7.1	6.8	
S	SILVER LAKE	7	6.6	-	6.2	-	-	7.0	6.6	
PE	SILVER SPRING LAKE	1	6.5	-	6.6	-	-	6.6	6.6	

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			----- Standard pH units -----						
Code	pH								
WO	SLACK'S RESERVOIR	1	-	-	7.2	-	-	-	-
WO	SLACK'S RESERVOIR	4	-	-	6.7	-	-	6.7	6.7
TE	SLATER POND	1	7.1	-	6.3	-	-	6.8	6.7
B	SLATERSVILLE RES. - UPPER	1	-	6.6	6.8	-	-	6.5	6.6
B	SLATERSVILLE RES. - UPPER	5.5	-	6.0	6.6	-	-	6.5	6.4
B	SMITH & SAYLES RESERVOIR	1	-	-	-	-	-	-	-
WD	SPALDING POND	1	6.3	-	6.1	-	-	6.2	6.2
PA	SPECTACLE POND	1	7.1	-	8.2	-	-	7.0	7.4
B	SPRING GROVE POND	1	6.3	-	6.3	-	-	6.2	6.3
B	SPRING LAKE	1	6.5	-	7.6	-	-	6.4	6.8
B	SPRING LAKE	5	6.6	-	6.7	-	-	6.3	6.5
TA	STAFFORD POND	1	-	6.5	6.8	6.6	-	6.7	6.6
TA	STAFFORD POND	7	-	7.0	6.7	6.8	-	6.9	6.8
B	TARKILN POND	1	6.4	-	-	-	-	-	-
PA	TIOGUE LAKE	1	6.8	-	6.3	-	-	6.4	6.5
WD	TUCKER POND	1	5.9	-	-	5.8	-	-	5.8
WD	TUCKER POND	7.5	6.0	-	-	6.1	-	6.1	6.1
PA	UPPER DAM POND	1	6.6	-	6.9	-	-	7.1	6.9
B	VALLEY FALLS POND	0.5	7.0	-	7.7	-	-	7.1	7.3
NA	WARWICK POND	1	7.1	-	8.7	-	-	6.9	7.6
NA	WARWICK POND	5.5	6.9	-	6.7	-	-	6.7	6.8
WD	WATCHAUG POND	1	5.9	-	6.2	5.9	-	-	6.0
WD	WATCHAUG POND	10	5.9	-	5.7	6.6	-	7.0	6.3
WO	WATERMAN RESERVOIR	1	6.8	-	6.8	-	-	6.7	6.8
NA	WESQUAGE POND	1	6.8	-	7.2	-	-	7.0	7.0
WD	WHITE BROOK POND	1	6.4	-	6.3	6.4	-	6.0	6.3
WD	WINCHECK POND	1	5.1	-	-	-	-	-	5.1
WD	WINCHECK POND	5	5.3	-	-	-	-	-	5.3
WO	WOONASQUA. RES. - STUMP P.	1	-	6.8	7.1	-	-	6.8	6.9
WD	WORDEN POND	1	6.4	-	6.7	-	-	6.6	6.5
WD	WYASSUP LAKE	1	6.7	-	6.9	-	-	-	6.8
WD	WYOMING POND	1	-	-	6.3	-	-	-	6.3
WD	YAWGOO POND	1	6.5	7.5	6.8	6.2	-	6.6	6.7
WD	YAWGOO POND	10	6.2	6.0	6.5	6.6	-	7.5	6.6