

2003 pH Data for Rivers and Tributaries

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.

Section 1. Rivers; Listed alphabetically, upstream to downstream.

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
	----- (pH) -----						
CHEPACHET RIVER	6.3	6.0	6.5	6.4	6.8	^	6.4
FALLS RIVER D	6.4	6.0	^	6.2	6.1	6.2	6.2
FALLS RIVER C	7.1	6.4	^	6.8	6.5	6.8	6.7
FALLS RIVER B	6.4	6.3	^	6.6	6.5	6.7	6.5
FALLS RIVER A	6.5	6.0	^	6.6	6.5	6.7	6.4
GREEN FALLS RIVER #1	5.8	6.2	7.0	6.8	6.5	6.4	6.4
GREEN FALLS RIVER #2	6.8	5.9	6.2	6.6	6.4	6.4	6.4
GREEN FALLS RIVER #3	6.8	6.5	6.6	6.6	6.5	6.6	6.6
LOCSTV.- MOSCOW @ SAWMILL	5.5	5.3	6.4	6.0	6.0	6.7	6.0
LOCSTV.- BRUSHY @ WOODY HILL	4.7	4.7	5.4	4.8	5.1	5.7	5.1
LOCSTV.- BRUSHY @ SAWMILL	5.5	5.0	6.0	5.0	5.5	6.1	5.5
MOOSUP RIVER UPSTREAM	6.3	6.4	^	6.8	6.7	6.8	6.6
MOOSUP RIVER A	6.4	6.3	^	6.5	6.5	6.7	6.5
MOOSUP RIVER B	6.6	6.3	^	6.5	6.4	6.6	6.5
NARROW RIVER-01	6.4	6.6	6.7	6.4	6.4	^	6.5
NARROW RIVER-02 0.5M	^	7.9	7.9	^	7.7	^	7.8
NARROW RIVER-02 3.0M	^	7.6	7.1	^	7.2	^	7.3
NARROW RIVER-03 0.5M	7.4	7.4	8.1	^	7.8	^	7.6
NARROW RIVER-03 3.0M	7.3	7.6	7.3	^	7.4	^	7.4
NARROW RIVER-04 0.5M	7.4	7.5	7.9	7.9	7.7	^	7.7
NARROW RIVER-04 3.0M	^	7.6	7.6	7.1	7.9	^	7.5
NARROW RIVER-05	6.6	7.7	7.8	7.5	7.6	^	7.4
NARROW RIVER-06	7.4	7.3	7.8	7.5	7.6	^	7.5
NARROW RIVER-07	6.7	7.4	7.8	^	7.5	^	7.4
NARROW RIVER-08	7.2	7.4	^	7.6	8.0	^	7.6
NARROW RIVER-09	7.7	^	^	8.0	8.2	^	8.0
NARROW RIVER-10	7.7	7.7	7.7	7.8	7.8	^	7.8
NARROW RIVER-11	6.2	6.5	6.4	^	^	^	6.3
NARROW RIVER-12	6.8	6.3	6.3	6.3	6.4	6.3	6.4
PAWCATUCK RIVER @ BRADFORD	6.1	6.3	6.4	6.3	6.6	6.8	6.4
P'TUCK RIVER @ AVONDALE 1M	8.1	6.9	8.0	7.8	7.9	^	7.7
P'TUCK RIVER @ AVONDALE 3M	-	-	8.1	8.0	7.9	7.9	8.0
QUEEN RIVER (SHERMAN BRK)	6.4	5.6	6.2	6.1	6.2	6.3	6.1
QUEEN RIVER (BROWNELL'S)	6.8	5.7	^	^	^	^	6.3
QUEEN RIVER (SAND BRIDGE)	6.3	5.9	6.3	6.1	6.4	6.5	6.2
QUEEN RIVER (LOCKE BROOK)	7.1	6.4	6.6	6.6	6.9	6.8	6.7

2003 Parameter Data: pH

Section 1. Rivers; Listed alphabetically, upstream to downstream.

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (pH) -----							
SHUNOCK RIVER @ BABCOCK	6.7	^	6.8	^	^	7.1	6.8
SHUNOCK RIVER @ HEWITT	7.0	^	6.7	^	^	6.9	6.9
WOONASQ RIV @ DANIGIAN PARK	7.0	7.0	6.9	7.0	7.2	6.9	7.0

Section 2. Tributaries; Alphabetically by lake, upstream to downstream as appropriate.

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (pH) -----							
ASSECONK SWAMP	6.5	-	6.3	-	-	6.4	6.4
BARBER - MUD BROOK	5.9	5.8	5.9	6.0	5.8	6.0	5.9
BELLEVILLE @ RR XING	7.7	-	6.6	-	-	6.7	7.0
BELLEVILLE @ SLUICEWAY	6.8	-	6.9	-	-	7.0	6.9
BOONE TRIBUTARY #1	-	-	-	-	-	-	-
CARR INLET (NK)	-	-	6.3	-	-	6.5	6.4
FRR @ ZEKE'S BRIDGE	-	-	6.0	-	-	-	-
FRR @ ISLE OF CAPRI RD.	-	-	6.2	-	-	-	-
FRR @ MAPEL VALLEY RD.	-	-	6.6	-	-	-	-
GEORGIAVILLE @ CAPRON POND	-	-	7.1	-	-	7.0	7.1
GEORGIAVILLE @ HARRIS	-	-	7.2	-	-	6.7	6.9
PASQUISETT TRIBUTARY	-	-	5.9	-	-	6.5	6.2
SAWMILL POND TRIBUTARY	-	6.0	6.3	-	6.5	-	6.5
SECRET - OAK HILL EAST	6.4	-	6.6	-	-	6.6	6.5
SECRET - OAK HILL WEST	6.4	-	6.4	-	-	6.6	6.5
SECRET - SHORE DR.	6.0	-	6.2	-	-	6.1	6.1
SHICKASHEEN - A @ RTE 2	5.4	5.6	5.7	5.8	5.5	5.7	5.6
SHICKASHEEN - B @ MISKIANIA	5.9	6.5	6.8	6.8	6.5	6.9	6.5
SHICKASHEEN - C @ BARBER OUTLET	6.1	6.3	6.3	6.2	6.1	6.4	6.2
SHICKASHEEN - D @ RTE 138	-	-	6.1	6.1	6.0	6.3	6.1
SLACK'S TRIBUTARY #1 (A)	5.9	5.9	6.1	6.5	6.6	6.6	6.3
SLACK'S TRIBUTARY #2 (B)	6.6	6.6	6.9	6.8	6.7	6.7	6.7
SLACK'S TRIBUTARY #3 (C)	6.3	6.4	6.7	6.9	7.0	6.8	6.7
SLACK'S TRIBUTARY #4 (D)	6.3	6.4	6.9	6.9	6.7	6.8	6.7
SMITH & SAYLES @ BALCOM	^	^	^	^	^	6.4	6.4
SMITH & SAYLES @ KEECH	^	^	^	^	^	6.5	6.5
SMITH & SAYLES @ O'DONNEL	^	^	^	^	^	6.3	6.3
STAFFORD INLET - UPSTREAM	-	-	-	-	-	-	-
STAFFORD INLET - DOWNSTREAM	-	-	6.6	-	-	6.3	6.5
STAFFORD NE COVE	-	-	6.9	-	-	7.2	7.1
WATCHAUG - PERRY HEALY BRK	-	-	-	-	-	6.7	6.7
WATERMAN - RTE 44	6.1	-	6.7	-	-	6.5	6.4
WATERMAN - SAWMILL	6.9	-	6.8	-	-	7.0	6.9