

2000 Parameter Data: Total Nitrogen

2000 Total Nitrogen Data for Lakes, Ponds and Reservoirs

Nitrogen is an important nutrient for plant and algae growth. Precipitation, agricultural, lawn and garden fertilizer, animal wastes, and human waste from sewage treatment plants or septic systems are sources of nitrogen.

Measurements of total nitrogen include all forms of dissolved and particulate nitrogen, i.e., nitrate-nitrogen, ammonium-nitrogen, and also organic forms of nitrogen.

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
Concentration at 1M	-- (ug/l or ppb) --						
ALTON POND	380	-	530	-	-	390	433
BARBER POND	420	-	390	-	-	420	410
BELLEVILLE POND - LOWER	650	-	480	-	-	370	500
BELLEVILLE POND - UPPER	1950	-	580	-	-	450	993
BOONE LAKE	630	-	350	-	-	-	490
BOWDISH RESERVIOR	340	-	300	-	-	-	320
CARBUNCLE POND	420	-	550	-	-	-	485
CARR POND (NK)	790	-	480	-	-	-	635
CARR POND (WG)	240	270	410	-	-	180	275
CLARK POND	320	-	670	-	-	630	540
COOMBER'S RESERVOIR	-	-	330	-	-	200	265
DEEP POND	510	-	340	-	-	500	450
FLAT RIVER RESERVOIR	400	450	440	-	-	450	435
GEORGIAVILLE POND	910	-	1280	-	-	350	847
GORTON POND	1030	1060	470	-	-	650	803
HUNDRED ACRE POND	570	-	570	-	-	530	557
INDIAN LAKE	600	-	390	-	-	380	457
KEECH POND	470	-	460	-	-	470	467
LARKIN POND	450	-	760	-	-	-	605
LITTLE POND	600	-	490	-	-	840	643
LOCUSTVILLE POND	340	-	440	-	-	360	380
LONG POND	230	-	240	-	-	190	220
LOWER SPRAGUE RESERVOIR	630	-	570	-	-	460	553
MASHAUG POND	910	-	-	1290	-	1340	1180
MEADOWBROOK POND	450	-	560	-	-	790	600
MELVILLE POND - UPPER	1430	-	690	-	-	540	887
MISHNOCK LAKE	700	-	ND	-	-	410	378
OAK SWAMP RESERVOIR	590	-	370	-	-	530	497
PASCOAG RESERVOIR	280	-	350	-	-	330	320
PASQUISETT POND	690	-	750	-	-	690	710
PRINCE'S POND	1510	-	850	-	-	890	1083
QUEEN RIVER AT USQUEPAUG	390	-	450	-	-	320	387
QUIDNICK RESERVOIR	320	-	350	-	-	330	333
SAND POND	580	-	630	-	-	-	605

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Concentration at 1M	-- (ug/l or ppb) --						
SAUGATUCKET POND	860	-	580	-	-	1170	870
SCHOOLHOUSE POND - LOWER	300	260	290	-	-	220	268
SCHOOLHOUSE POND - UPPER	310	320	300	-	-	200	283
SECRET LAKE	1100	-	350	-	-	1150	867
SHIPPEE MILL POND	240	-	950	-	-	290	493
SILVER LAKE	460	-	410	-	-	460	443
SILVER SPRING LAKE	1280	-	850	-	-	1320	1150
SLACK'S RESERVOIR	540	500	430	390	400	370	438
SLATER POND	750	-	1290	-	-	1240	1093
SLATERSVILLE RES. - UPPER	490	-	650	-	-	-	570
SMITH AND SAYLES RESERVOIR	360	-	480	-	-	460	433
SPALDING POND	550	-	580	-	-	400	510
SPECTACLE POND	1020	-	700	-	-	2040	1253
SPRING GROVE POND	280	-	380	-	-	410	357
SPRING LAKE	440	-	310	-	-	390	380
STAFFORD POND	330	-	460	-	-	430	407
STILLWATER POND	420	-	380	-	-	-	400
TARBOX POND	290	-	440	-	-	490	407
TIOGUE LAKE	790	-	750	-	-	570	703
TIPPECANSETT POND	510	-	-	-	-	-	510
TUCKER POND	410	-	380	-	-	320	370
TURNER RESERVIOR	1920	-	2490	-	-	-	2205
UPPER DAM POND	1750	-	1750	-	-	-	1750
VALLEY FALLS POND	1990	-	1490	-	-	2380	1953
WARWICK POND	1400	-	730	-	-	1130	1087
WASH POND	390	-	-	-	-	-	390
WATCHAUG POND	590	-	350	-	-	590	510
WATERMAN RESERVOIR	420	-	630	-	-	240	430
WENSCOTT RESERVIOR	370	-	460	-	-	410	413
WESQUAGE POND	1370	-	1520	-	-	1310	1400
WHITE POND	160	-	610	-	-	-	385
WOONASQUATUCKET RESERVC	440	-	480	-	-	260	393
WOONASUA RES. SOUTH END	510	-	650	-	-	280	480
WORDEN POND	630	-	390	-	-	600	540
WYASSUP LAKE	430	-	510	-	-	330	423
WYOMING POND	320	-	420	-	-	320	353
YAWGOO POND	410	600	920	-	-	520	613

ND = No Detect Limit of Detection = 50 ppb

Mean calculated using half the limit of detection (25 ppb) for ND