

2004 Parameter Data: Total Nitrogen

**2004 Total Nitrogen Data for Rivers and Tributaries**

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.

Watershed	LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
<b>Code</b>	<b>RIVER &amp; BROOK SITES</b>	<b>-- (ug/l or ppb) --</b>						
CE	Bailey's Brook	2110	-	1070	1140	-	1100	<b>1360</b>
NA	Buckeye Brook @ Novelty Rd	2270	2140	1490	1460	1590	1520	<b>1750</b>
NA	Buckeye Brook @ Lockwood Brk	-	3410	3980	4540	1510	1370	<b>2960</b>
NA	Buckeye Brook @ Warner Rd	-	4150	3890	3730	1110	1480	<b>2870</b>
NA	Buckeye Brook @ Mill Cove	-	2620	1930	1960	1720	1380	<b>1920</b>
WD	Falls River A - Twin Bridges	260	550	270	570	840	580	<b>510</b>
WD	Falls River B - Sand Banks	270	430	320	560	740	620	<b>490</b>
WD	Falls River C - Austin Farm	270	440	390	620	780	740	<b>540</b>
WD	Falls River D - Step Stone	310	520	630	870	950	870	<b>690</b>
WD	Green Falls #1 - Green Falls Rd	-	300	640	390	2710	1340	<b>1080</b>
WD	Green Falls #2 - Putker Rd	-	1480	820	680	390	230	<b>720</b>
WD	Green Falls #3 - Clark Falls Rd	-	1640	2660	1820	630	420	<b>1430</b>
A	Himes River (NK)	2410	2600	2670	2480	2350	1640	<b>2360</b>
WD	Locv – Brushy Brook @ Sawmill	450	670	990	710	590	430	<b>640</b>
WD	Locv – Brushy Brook @ Woody	400	430	410	480	380	460	<b>430</b>
WD	Locv – Moscow Brook @ Sawmill	320	410	470	430	370	360	<b>390</b>
TH	Moosup River A - Fairbanks	240	800	640	610	640	560	<b>580</b>
TH	Moosup River B - Trestle Trail	240	670	510	580	670	680	<b>560</b>
TH	Moosup River - Upstream	630	1110	700	790	630	640	<b>750</b>
PE	NR 01- Gilbert Stuart	640	570	450	430	440	-	<b>510</b>
PE	NR 02 - Upper Pond 0.5M	500	1090	660	710	-	-	<b>740</b>
PE	NR 02 - Upper Pond 3.0M	530	960	710	940	-	-	<b>780</b>
PE	NR 03 - Lower Pond A 0.5M	520	450	720	880	920	-	<b>700</b>
PE	NR 03 - Lower Pond A 3.0M	740	530	800	950	890	-	<b>780</b>
PE	NR 04 - Lower Pond B 0.5M	510	570	730	870	840	-	<b>700</b>
PE	NR 04 - Lower Pond B 3.0M	660	830	860	900	970	-	<b>840</b>
PE	NR 05 - Lacey Bridge	600	650	800	900	890	-	<b>770</b>
PE	NR 06 - Mettatuxet Beach	630	650	820	860	910	-	<b>770</b>
PE	NR 07 - End of Narrows	670	710	750	780	890	-	<b>760</b>
PE	NR 08 - Middlebridge	570	500	690	710	1000	-	<b>690</b>
PE	NR 09 - Pettaquamscutt	-	-	650	-	600	-	<b>630</b>
PE	NR 10 - Sprague Bridge	450	420	620	500	590	-	<b>520</b>
PE	NR 11 - Mettatuxet Brook	2880	1350	-	960	940	-	<b>1530</b>
PE	NR 12 - Mumford Brook	1360	1330	1250	980	1430	-	<b>1270</b>

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Watershed	LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
<b>Code</b>	<b>RIVERS (Continued)</b>	<b>-- (ug/l or ppb) --</b>						
WD	Pawcatuck River - Avondale 0.5M	580	860	840	1000	570	600	<b>740</b>
WD	Pawcatuck River - Avondale 3.0M	740	540	560	790	560	-	<b>640</b>
WD	Pawcatuck River - Bradford	580	950	1070	930	800	860	<b>870</b>
WD	Queen River @ Brownell's	780	1470	970	-	1130	960	<b>1060</b>
WD	Queen River @ Sand Bridge (TNC)	680	820	800	780	820	500	<b>730</b>
WD	Queen River @ Locke Brk	420	530	400	380	460	540	<b>460</b>
WD	Queen River @ Sherman Brk	230	400	540	360	480	530	<b>420</b>
WD	Shickasheen @ Rte 2	420	690	-	990	-	-	<b>700</b>
WD	Shickasheen @ Miskiania Road	680	410	660	1000	-	1120	<b>770</b>
WD	Shickasheen @ Potter Road	460	760	410	950	-	-	<b>650</b>
WD	Shickasheen @ Barber Pond outlet	600	270	460	460	-	-	<b>450</b>
WD	Shickasheen @ Rte 138	560	560	830	580	-	-	<b>630</b>
WD	Shickasheen @ Liberty Lane	-	910	1630	790	-	-	<b>1110</b>
WD	Shunock River @ Babcock	700	-	870	-	-	920	<b>830</b>
WD	Shunock River @ Hewitt	520	-	620	-	-	490	<b>830</b>
WO	Woonasquatucket River @ Donigian	1040	1360	1160	1040	1820	1310	<b>1290</b>

Watershed	LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
<b>Code</b>	<b>TRIBUTARIES</b>	<b>-- (ug/l or ppb) --</b>						
WD	Asseconk Swamp	710	-	860	-	-	840	<b>800</b>
WD	Barber - Mud Brook	520	420	410	520	-	-	<b>470</b>
A	Belleville @ RR Xing	830	-	1560	-	-	1110	<b>1170</b>
A	Belleville @ Sluiceway	1290	-	1090	-	-	950	<b>1110</b>
PE	Carr Inlet (NK)	930	-	670	-	-	900	<b>830</b>
WO	Georgiaville @ Capron Pond	400	-	490	-	-	490	<b>460</b>
WO	Georgeville @ Harris	710	-	500	-	-	740	<b>650</b>
GB	Greenwich Bay - 01 (Maskerchugg River)	1280	1390	1420	1280	1330	1100	<b>1300</b>
GB	Greenwich Bay - 02 (Gorton Pond outflow)	1720	1620	1030	850	1120	1020	<b>1230</b>
GB	Greenwich Bay - 03 (Hardig Brook @ Rte 115)	1630	1510	1310	1320	1300	950	<b>1340</b>
GB	Greenwich Bay - 04 (Mill Creek)	-	3120	2570	2310	2010	2450	<b>2490</b>
GB	Greenwich Bay - 05 (Hardig Brk @ Health Ctr)	1870	1170	1700	1460	730	930	<b>1310</b>
GB	Greenwich Bay - 06 (Tuscatucket Brook)	3890	3140	1520	3900	3410	4410	<b>3380</b>
GB	Greenwich Bay - 07 (Southern Creek)	-	2420	5470	5370	1740	2670	<b>3530</b>
WD	Pasquisset Tributary	670	-	-	-	-	800	<b>740</b>
H	Saw Mill Tributary	730	790	1170	-	850	910	<b>890</b>
A	Secret - Oak Hill East	2150	-	2250	-	-	2080	<b>2160</b>
A	Secret - Oak Hill West	2160	-	2280	-	-	2010	<b>2150</b>
A	Secret - Shore Drive	650	-	580	-	-	670	<b>630</b>

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<b>Code</b>	<b>TRIBUTARIES (continued)</b>	<b>-- (ug/l or ppb) --</b>						
B	Smith & Sayles @ Keech	430	-	460	-	-		<b>450</b>
B	Smith & Sayles @ Balcom	620	-	280	-	-	250	<b>380</b>
B	Smith & Sayles @ O'Donnel	400	-	200	-	-	-	<b>300</b>
WO	Slack's Tributary A	450	660	460	900	870	670	<b>670</b>
WO	Slack's Tributary B	1580	3170	2570	1860	1650	810	<b>1940</b>
WO	Slack's Tributary C	590	1220	890	750	930	930	<b>890</b>
WO	Slack's Tributary D	640	510	460	1070	1230	1030	<b>820</b>
TA	Staf Inlet - Upstream	290	-	-	-	-	-	
TA	Staf Inlet - Downstream	1750	-	1340	-	-	2340	<b>1810</b>
TA	Stafford - NE Cove	530	-	590	-	-	700	<b>610</b>
WD	Watchaug - Perry Healy	450	-	-	-	-	-	
WO	Waterman @ Rte 44	500	-	660	-	-	530	<b>560</b>
WO	Waterman @ Saw Mill	420	-	640	-	-	570	<b>540</b>
WO	Waterman @ Golf Course	640	-	710	-	-	1170	<b>840</b>
WO	Waterman @ Aldrich	590	-	540	-	-	760	<b>630</b>

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<b>Code</b>	<b>WPWA TRIBUTARIES</b>	<b>-- (ug/l or ppb) --</b>						
WD	Ashaway River @ Rte 216	820	1590	1680	-	-	-	<b>1360</b>
WD	Ashaway River @ Wellstown Rd.	830	1720	2010	-	-	-	<b>1520</b>
WD	Asseconk Brook @ Rte 2	-	720	1040	920	-	1020	<b>930</b>
WD	Chipuxet Brook @ Rte 138	910	1180	1060	580	580	760	<b>850</b>
WD	Fisherville Brook	440	680	560	580	520	400	<b>530</b>
WD	Glen Rock Brook	450	580	560	560	610	520	<b>550</b>
WD	Lewis Pond outlet	-	1650	1390	1470	1540	1220	<b>1450</b>
WD	P'tuck River @ Burdickville Rd	610	1040	1010	960	1230	780	<b>940</b>
WD	P'tuck River @ Chase Hill Rd.	790	1490	1080	1060	-	960	<b>1080</b>
WD	P'tuck River below Kenyon Ind.	780	1090	1470	1420	1540	1030	<b>1220</b>
WD	P'tuck River @ Rte 91	-	1440	1620	1290	1660	1180	<b>1440</b>
WD	Queen River @ Mail Rd	590	620	750	690	750	430	<b>640</b>
WD	Queen River @ Rte 102	390	540	670	630	450	450	<b>520</b>
WD	Shunock River @ Main St	-	740	670	700	690	720	<b>700</b>
WD	Shunock below Parke Pond	-	810	-	820	880	1170	<b>920</b>
WD	Taney Brook	840	1980	500	2530	2330	750	<b>1490</b>
WD	Tomaquag Brook @ Chase Hill	710	2710	660	1250	1290	750	<b>1230</b>
WD	Tomaquag Brook @ Woodville Rd.	240	720	1400	480	530	360	<b>620</b>
WD	Usquepaugh River @ Rte 2	-	870	970	930	900	810	<b>900</b>

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