

2003 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.

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

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (ug/l or ppb) -----							
CHEPACHET RIVER	235	260	520	590	490	430	421
FALLS RIVER D	310	450	600	770	650	690	578
FALLS RIVER C	405	430	630	630	560	590	541
FALLS RIVER B	395	360	420	570	550	510	468
FALLS RIVER A	385	510	540	610	500	500	508
GREEN FALLS RIVER #1	140	ND	290	380	340	250	238
GREEN FALLS RIVER #2	330	260	700	570	590	750	533
GREEN FALLS RIVER #3	600	950	1690	1340	1040	1500	1187
LOCSTV.- MOSCOW @ SAWMILL	230	130	280	440	310	300	282
LOCSTV.- BRUSHY @ WOODY HILL	200	180	650	590	550	350	420
LOCSTV.- BRUSHY @ SAWMILL	335	240	700	520	470	640	484
MOOSUP RIVER UPSTREAM	520	230	750	710	540	750	583
MOOSUP RIVER A	390	210	630	750	570	540	515
MOOSUP RIVER B	235	160	720	760	550	440	478
NARROW RIVER-01	715	460	500	470	380	-	505
NARROW RIVER-02 0.5M	-	1080	1510	-	1300	-	1297
NARROW RIVER-02 3.0M	-	990	1590	-	1540	-	1373
NARROW RIVER-03 0.5M	620	350	860	-	490	-	580
NARROW RIVER-03 3.0M	1485	540	660	-	560	-	811
NARROW RIVER-04 0.5M	460	390	750	580	500	-	536
NARROW RIVER-04 3.0M	-	290	800	500	1040	-	658
NARROW RIVER-05	460	290	550	590	500	-	478
NARROW RIVER-06	520	720	560	330	490	-	524
NARROW RIVER-07	500	370	600	580	460	-	502
NARROW RIVER-08	400	210	500	530	320	-	392
NARROW RIVER-09	410	240	370	560	400	-	396
NARROW RIVER-10	370	300	470	510	420	-	414
NARROW RIVER-11	2410	1140	2610	1960	2210	-	2066
NARROW RIVER-12	1370	150	1050	850	740	940	850
PAWCATUCK RIVER @ BRADFORD	410	450	780	890	760	860	692
P'TUCK RIVER @ AVONDALE 1M	280	500	380	690	530	760	523
P'TUCK RIVER @ AVONDALE 3M	-	-	440	580	620	700	585
QUEEN RIVER (SHERMAN BRK)	280	110	220	360	330	320	270
QUEEN RIVER (BROWNELL'S)	530	500	910	-	-	-	647
QUEEN RIVER (SAND BRIDGE)	550	480	730	650	670	670	625
QUEEN RIVER (LOCKE BROOK)	330	470	390	410	300	330	372

2003 Parameter Data: Total Nitrogen

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

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (ug/l or ppb) -----							
SHUNOCK RIVER @ BABCOCK	550	-	1010	-	-	830	797
SHUNOCK RIVER @ HEWITT	280	-	670	-	-	520	490
WOONASQ RIV @ DANIGIAN PARK	1210	880	1240	1030	1330	2270	1327

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

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (ug/l or ppb) -----							
ASSECONK SWAMP	430	-	890	-	-	750	690
BARBER - MUD BROOK	350	300	350	1630	560	300	582
BELLEVILLE @ RR XING	600	-	630	-	-	660	630
BELLEVILLE @ SLUICEWAY	1260	-	970	-	-	1010	1080
BOONE TRIBUTARY #1	-	-	-	-	-	-	-
CARR INLET (NK)	-	-	810	-	-	800	805
FRR @ ZEKE'S BRIDGE	-	-	300	-	-	-	300
FRR @ ISLE OF CAPRI RD.	-	-	220	-	-	-	220
FRR @ MAPEL VALLEY RD.	-	-	480	-	-	-	480
GEORGIAVILLE @ CAPRON POND	-	-	440	-	-	450	445
GEORGIAVILLE @ HARRIS	-	-	540	-	-	430	485
PASQUISETT TRIBUTARY	-	-	720	-	-	660	690
SAWMILL POND TRIBUTARY	-	750	1040	-	910	-	900
SECRET - OAK HILL EAST	1600	-	2100	-	-	1990	1897
SECRET - OAK HILL WEST	1610	-	2120	-	-	2050	1927
SECRET - SHORE DR.	450	-	600	-	-	470	507
SHICKASHEEN - A @ RTE 2	360	270	550	1640	540	1200	760
SHICKASHEEN - B @ MISKIANIA	660	730	1040	1110	1130	720	898
SHICKASHEEN - C @ BARBER OUTLE	460	570	470	500	-	820	564
SHICKASHEEN - D @ RTE 138	-	-	670	660	1110	1010	863
SLACK'S TRIBUTARY #1 (A)	430	360	680	840	650	800	627
SLACK'S TRIBUTARY #2 (B)	1480	520	2150	1920	1360	1900	1555
SLACK'S TRIBUTARY #3 (C)	400	380	480	600	3110	600	928
SLACK'S TRIBUTARY #4 (D)	410	340	680	620	580	840	578
SMITH & SAYLES @ KEECH	-	-	350	-	-	450	400
SMITH & SAYLES @ BALCOM	-	-	330	-	-	270	300
SMITH & SAYLES @ O'DONNELL	-	-	150	-	-	280	215
STAFFORD INLET - UPSTREAM	-	-	-	-	-	-	-
STAFFORD INLET - DOWNSTREAM	-	-	1540	-	-	1040	1290
STAFFORD NE COVE	-	-	490	-	-	720	605
WATCHAUG - PERRY HEALY BRK	-	-	480	-	-	620	550
WATERMAN - RTE 44	430	-	480	-	-	500	470
WATERMAN - SAWMILL	270	-	520	-	-	520	437

Limit of Detection = 50 ppb