

2002 Parameter Data: Total Nitrogen

2002 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	290	-	400	580	-	470	435
FALLS RIVER D	420	610	680	860	730	620	653
FALLS RIVER C	670	570	520	480	450	390	513
FALLS RIVER B	450	480	470	150	340	350	373
FALLS RIVER A	570	520	260	320	380	340	398
GREEN FALLS RIVER #1	170	330	240	-	280	300	264
GREEN FALLS RIVER #2	260	420	340	570	380	460	405
GREEN FALLS RIVER #3	400	960	1970	300	1010	1400	1007
LOCSTV.- MOSCOW @ SAWMILL	230	990	270	520	420	390	470
LOCSTV.- BRUSHY @ WOODY HI	270	360	260	800	480	470	440
LOCSTV.- BRUSHY @ SAWMILL	580	450	650	790	500	430	567
MEADOW BROOK #1	-	530	1130	-	480	480	655
MEADOW BROOK #2	-	300	230	-	390	540	365
MEADOW BROOK #3	-	410	370	-	-	560	447
MOOSUP RIVER UPSTREAM	270	360	380	360	660	500	422
MOOSUP RIVER A	340	320	720	940	620	440	563
MOOSUP RIVER B	250	280	510	1010	560	500	518
NARROW RIVER-01	670	670	100	490	240	-	434
NARROW RIVER-02 0.5M	-	-	260	910	1100	-	757
NARROW RIVER-02 3.0M	-	-	380	810	1150	-	780
NARROW RIVER-03 0.5M	450	380	790	610	990	-	644
NARROW RIVER-03 3.0M	630	210	290	1040	ND	-	543
NARROW RIVER-04 0.5M	380	360	300	670	550	-	452
NARROW RIVER-04 3.0M	280	170	220	960	750	-	476
NARROW RIVER-05	780	240	670	690	530	-	582
NARROW RIVER-06	490	430	780	280	410	-	478
NARROW RIVER-07	440	470	460	840	430	-	528
NARROW RIVER-08	350	200	140	530	490	-	342
NARROW RIVER-09	250	190	130	590	-	-	290
NARROW RIVER-10	410	110	ND	380	400	-	325
NARROW RIVER-11	3650	2350	360	1000	680	-	1608
NARROW RIVER-12	1210	1120	990	950	610	-	976
PAWCATUCK RIVER @ BRADFOF	540	-	820	-	-	1000	787
PAWCATUCK RIVER @ AVONDAL	460	-	650	-	-	-	555
QUEEN RIVER (SHERMAN BRK)	170	240	290	-	510	200	282

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	----- (ug/l or ppb) -----						
QUEEN RIVER (BROWNELL'S)	450	520	1050	1140	520	620	717
QUEEN RIVER (SAND BRIDGE)	470	560	590	1040	450	540	608
QUEEN RIVER (DUGWAY BRIDGE)	-	460	-	-	-	-	460
QUEEN RIVER (LOCKE BROOK)	330	400	220	320	500	640	402
SHUNOCK RIVER @ BABCOCK	460	-	340	-	-	650	483
SHUNOCK RIVER @ HEWITT	320	-	650	-	-	510	493

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	470	-	970	-	-	780	740
BARBER - MUD BROOK	700	570	300	580	270	580	500
BELLEVILLE @ RR XING	620	-	390	-	-	580	530
BELLEVILLE @ SLUICeway	1330	-	860	-	-	820	1003
BOON E TRIBUTARY	510	-	-	-	-	-	510
CARR INLET (NK)	930	-	570	-	-	440	647
GEORGIVILLE @ CAPRON PON	-	-	550	-	-	-	550
GEORGIVILLE @ HARRIS	-	-	490	-	-	-	490
PASQUISETT TRIBUTARY	660	-	500	-	-	510	557
SECRET - OAK HILL EAST	1460	-	1420	-	-	1550	1477
SECRET - OAK HILL WEST	1790	-	1470	-	-	1490	1583
SECRET - SHORE DR.	470	-	-	-	-	620	545
SHICKASHEEN - A @ RTE 2	560	660	-	-	680	740	660
SHICKASHEEN - B @ MISKIANIA	1410	2090	980	1350	1370	1690	1482
SHICKASHEEN - C @ BARBER OL	620	700	460	-	-	400	545
SHICKASHEEN - D @ RTE 138	570	620	950	-	-	-	713
SLACK'S TRIBUTARY #1 (A)	610	550	250	390	500	340	440
SLACK'S TRIBUTARY #2 (B)	980	1450	1940	offscale	1120	1910	1480
SLACK'S TRIBUTARY #3 (C)	770	800	250	540	460	500	553
SLACK'S TRIBUTARY #4 (D)	730	710	220	380	430	310	463
SMITH & SAYLES @ KEECH	810	-	ND	560	560	-	643
SMITH & SAYLES @ BALCOM	950	-	320	310	310	-	473
SMITH & SAYLES @ O'DONNELL	300	-	220	130	130	-	195
STAFFORD INLET - UPSTREAM	770	-	-	-	-	-	770
STAFFORD INLET - DOWNSTREA	1640	-	1780	-	-	1860	1760
STAFFORD NE COVE	-	-	280	-	-	400	340
WATCHAUG - PERRY HEALY BRK	-	-	760	-	-	620	690