

THAMES RIVER BASIN

01125100 FRENCH RIVER AT NORTH GROSVENORDALE, CT--Continued

WATER-QUALITY RECORDS

PERIOD of RECORD.--October 1991 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	
NOV 06...	1335	43	221	7.3	10.5	11.0	2.8	11.9	109	21k	7k	31	9.73	
JAN 08...	1350	32	326	7.0	1.5	3.5	2.8	14.3	109	83k	49	42	13.1	
MAR 11...	1315	113	304	7.4	4.5	9.0	1.5	12.7	110	41	9k	38	11.8	
MAY 13...	1130	171	218	6.6	9.5	15.0	5.0	9.6	97	196	192	30	9.28	
JUN 21...	1215	211	204	7.1	28.0	21.0	1.2	8.9	100	20k	20k	26	8.14	
JUL 24...	1215	28	328	7.7	23.0	26.0	4.0	8.5	105	87k	52	37	11.6	
AUG 20...	1130	26	322	9.8	24.0	25.5	30	9.5	119	680	800	42	12.9	
SEP 05...	1015	8.0	429	9.5	22.5	21.0	20	9.1	103	100	84	40	12.4	
Date		MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT (MG/L AS CaCO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
NOV 06...	1.72	28.9	4.08	0	34	28	7.5	37.5	E.1	2.43	160	130	E.005	
JAN 08...	2.20	44.5	5.04	0	39	32	10.3	68.1	<.1	4.93	184	184	E.004	
MAR 11...	2.04	44.2	3.36	0	22	18	10.6	69.3	<.1	4.25	168	160	E.005	
MAY 13...	1.62	25.9	2.64	0	18	15	9.1	45.8	<.1	2.02	117	127	E.004	
JUN 21...	1.37	26.2	2.42	0	24	20	7.2	39.3	E.1n	3.31	114	120	E.006	
JUL 24...	2.06	47.1	4.64	0	51	42	13.3	55.1	E.1	.98	188	185	.019	
AUG 20...	2.23	40.1	4.79	13	8	29	16.5	59.0	E.08n	3.29	179	185	.027	
SEP 05...	2.29	67.3	6.50	10	65	70	20.8	63.0	E.1n	4.69	239	247	.019	
Date		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
NOV 06...	1.59	E.03	.63	.53	2.2	.22	.186	.16	15	.36	8	<.06	<.04	
JAN 08...	1.82	E.03	.67	.42	2.5	.29	.22	.22	14	.18	11	<.06	<.04	
MAR 11...	.69	<.04	.42	.30	1.1	.137	.100	.08	19	.20	12	<.06	<.04	
MAY 13...	.62	E.03	.58	.38	1.2	.068	.024	E.01	22	.12	14	<.06	E.02	
JUN 21...	.63	E.02	.56	.45	1.2	.066	.039	.02	35	.15	13	<.06	<.04	
JUL 24...	2.09	E.03	1.1	.68	3.2	.096	.043	E.02	49	.61	12	<.06	<.04	
AUG 20...	1.54	<.04	2.1	.53	3.6	.191	.031	E.01	189	.63	11	<.06	<.04	
SEP 05...	4.28	<.04	1.8	.69	6.0	.167	.053	.03	191	1.18	10	<.06	E.03	

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Date	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV 06...	E.5	.07	2.9	234	.74	24.7	E.2	.55	<1	2	.05	4.3
JAN 08...	<.8	.11	5.4	188	.35	33.3	E.2	.53	<1	6	.08	6.3
MAR 11...	<.8	.07	2.4	134	.30	21.0	1.6	.57	<1	4	.05	6.3
MAY 13...	<.8	.11	2.1	186	.67	60.4	E.2	.76	<1	5	.07	6.3
JUN 21...	E.5	.09	2.3	317	.64	42.3	.2	.74	<1	6	.10	7.4
JUL 24...	E.8	.17	4.2	242	1.00	30.8	.4	.72	<1	3	.14	8.2
AUG 20...	1.0	.20	6.0	244	1.15	51.5	.8	1.13	<1	5	.15	13.1
SEP 05...	1.2	.23	6.6	268	1.27	38.4	.9	1.50	<1	3	.52	11.1

Value qualifier codes used in this report:
k -- Counts outside acceptable range
n -- Below the NDV