

CONNECTICUT RIVER BASIN

01189030 PEQUABUCK RIVER AT FARMINGTON, CT

LOCATION.--Lat 41°43'00", long 72°50'25", Hartford County, Hydrologic Unit 01080207, at bridge on Meadow Rd. at Farmington, and 0.2 mi upstream from Farmington River.

DRAINAGE AREA.--57.2 mi².

PERIOD of RECORD.--Water years 1971, 1974 to current year.

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

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECON (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATURATION (PER-CENT) (00301)	FECAL COLIFORM, MFC MF, WATER (COL/100 ML) (31616)	ENTEROCOCCI, MEI MF, WATER (COL/100 ML) (90909)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)
OCT													
16...	1255	38	286	7.0	17.5	15.0	4.3	9.0	89	460	420	64	18.9
DEC													
12...	0950	30	405	7.2	5.5	5.5	5.0	11.1	87	2800	338k	77	22.7
FEB													
07...	1015	30	482	7.4	4.5	4.5	3.2	11.2	88	11800k	3800	80	23.9
APR													
22...	1000	34	336	7.2	5.0	11.5	3.9	8.2	76	76	51	74	22.2
JUN													
06...	0830	96	247	6.7	22.0	18.0	2.5	6.4	68	1130	2000	52	15.7
JUL													
09...	0830	28	371	7.4	27.0	22.5	1.9	7.9	92	261k	92	79	23.6
AUG													
26...	0830	20	413	7.4	24.0	19.5	4.5	7.0	78	121	84	79	23.7
SEP													
16...	1015	60	272	7.2	24.0	21.0	5.7	8.7	100	9600k	9600k	50	15.1

Date	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	CARBONATE WATER FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CaCO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, 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)	NITROGEN, DIS-SOLVED (MG/L AS N) (00613)
OCT													
16...	3.96	29.6	5.28	0	61	51	16.1	37.1	.3	10.4	170	178	.046
DEC													
12...	4.79	43.2	7.50	0	61	51	21.9	55.0	.4	10.7	240	246	.050
FEB													
07...	5.02	51.6	7.76	0	83	71	35.2	67.4	.3	11.3	268	274	.260
APR													
22...	4.57	30.7	5.73	0	54	44	16.4	48.5	.2	8.64	197	189	.079
JUN													
06...	3.21	25.8	3.70	0	46	38	12.4	31.0	.2	9.39	162	163	.075
JUL													
09...	4.80	38.0	5.76	0	71	58	18.4	50.6	.3	9.22	221	221	.038
AUG													
26...	4.86	43.7	7.90	0	71	58	21.6	52.0	.38	10.3	248	245	.013
SEP													
16...	2.95	29.6	4.91	0	46	38	20.1	32.5	.2	7.09	162	168	.051

Date	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, TOTAL (MG/L AS N) (00600)	PHOSPHORUS, TOTAL (MG/L AS P) (00665)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTIMONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYLLIUM, DIS-SOLVED (UG/L AS BE) (01010)
OCT													
16...	3.92	.09	.61	.70	.55	4.6	.78	.65	.62	6	.17	37	<.06
DEC													
12...	7.46	.06	.87	.92	.59	8.4	1.25	1.18	1.04	6	.17	39	<.06
FEB													
07...	3.77	3.63	.47	4.1	3.8	7.9	1.19	1.04	.98	4	.15	46	<.06
APR													
22...	5.19	.21	.63	.84	.78	6.0	.91	.76	.73	8	.24	43	<.06
JUN													
06...	2.99	.12	.60	.71	.61	3.7	.56	.45	.42	13	.16	39	<.06
JUL													
09...	4.90	<.04	--	.58	.49	5.5	1.04	1.06	.99	5	.18	47	<.06
AUG													
26...	7.79	.07	.66	.72	.64	8.5	1.40	1.41	1.31	5	.24	44	<.06
SEP													
16...	3.63	.09	.74	.83	.58	4.5	.79	.66	.68	7	.38	38	<.06

01189030 PEQUABUCK RIVER AT FARMINGTON, CT--Continued

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

Date	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	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)
OCT 16...	.49	.9	.16	8.8	134	.30	53.7	2.6	5.45	<1	20	.08	6.2
DEC 12...	.61	1.8	.25	10.8	138	.40	97.3	2.3	9.20	<1	27	.11	5.7
FEB 07...	.58	1.4	.29	9.1	138	.35	138	2.9	8.81	<1	31	.23	5.3
APR 22...	.44	E.5	.21	9.1	236	.48	92.2	1.1	8.94	<1	22	.13	5.1
JUN 06...	.52	E.5	.17	7.8	307	.60	62.8	1.8	4.33	<1	20	.06	6.5
JUL 09...	.59	E.7	.18	9.6	70	.34	28.4	5.9	6.12	<1	17	.10	6.2
AUG 26...	.60	E.5	.18	11.0	63	.34	47.7	4.6	9.17	<1	20	.09	5.9
SEP 16...	.84	E.5	.15	9.7	65	.28	45.2	2.9	8.17	<1	31	.04	7.1

Value qualifier codes used in this report:

k -- Counts outside acceptable range