

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 Road, 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 1998 TO SEPTEMBER 1999

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 CENT SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (MG/L) (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31616)	ENTERO- COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)	
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	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 FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD 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)
OCT												
19...	0930	54	251	7.6	18.0	15.0	4.1	7.5	74	180	47	
DEC												
15...	1120	36	303	7.4	8.5	4.0	4.7	10.5	80	K46000	K6500	
FEB												
22...	1115	95	225	7.2	-5.0	.5	10	12.4	87	3800	K500	
APR												
20...	1250	80	267	7.1	15.5	11.0	2.2	10.7	98	32	K8	
JUN												
22...	0930	35	365	7.4	23.0	18.5	4.3	6.3	68	240	96	
JUL												
29...	1130	30	412	7.5	30.0	23.0	3.2	8.6	102	130	48	
AUG												
23...	1300	32	405	7.5	25.0	21.5	4.8	9.1	104	700	88	
SEP												
20...	0950	156	218	6.8	25.0	15.5	4.1	6.3	63	250	350	

CONNECTICUT RIVER BASIN

01189030 PEQUABUCK RIVER AT FARMINGTON, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	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)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + TOTAL (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
OCT										
19...	12	158	161	.047	4.15	.124	.53	.65	.51	4.8
DEC										
15...	11	186	177	.864	5.18	.536	--	<.10	.87	--
FEB										
22...	9.5	122	141	.048	1.50	1.33	.50	1.8	1.8	3.3
APR										
20...	6.9	148	150	.167	2.20	.534	.50	1.0	.95	3.2
JUN										
22...	12	236	256	.198	7.40	.104	.93	1.0	.76	8.4
JUL										
29...	4.2	255	262	.136	7.63	.118	.92	1.0	.74	8.7
AUG										
23...	9.2	251	--	.045	7.44	.033	.79	.82	.51	8.3
SEP										
20...	10	147	145	.027	1.89	.069	.48	.55	.38	2.4
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, 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)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
OCT										
19...	.505	.413	.404	7.0	<1.0	40	<1.0	<1.0	<1.0	<1.0
DEC										
15...	.050	.722	.686	6.7	<1.0	37	<1.0	<1.0	<1.0	<1.0
FEB										
22...	.212	.096	.084	23	<1.0	37	<1.0	<1.0	<1.0	<1.0
APR										
20...	.655	.358	.308	11	<1.0	37	<1.0	<1.0	<1.0	<1.0
JUN										
22...	1.13	1.01	.907	7.0	<1.0	35	<1.0	<1.0	<1.0	<1.0
JUL										
29...	1.21	1.20	1.05	7.4	<1.0	36	<1.0	<1.0	<1.0	<1.0
AUG										
23...	1.31	1.14	1.17	12	<1.0	31	<1.0	<1.0	<1.0	<1.0
SEP										
20...	.240	.157	.144	17	<1.0	49	<1.0	5.5	1.0	<1.0
DATE	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										
19...	8.1	110	<1.0	89	<1.0	5.7	<1.0	27	<1.0	5.4
DEC										
15...	7.6	140	<1.0	135	<1.0	6.8	<1.0	22	<1.0	5.9
FEB										
22...	6.1	140	<1.0	92	<1.0	3.9	<1.0	26	<1.0	4.9
APR										
20...	6.8	210	<1.0	83	2.3	5.3	<1.0	19	<1.0	4.8
JUN										
22...	8.3	140	<1.0	78	2.7	7.3	<1.0	18	<1.0	6.2
JUL										
29...	9.5	60	<1.0	46	5.0	9.4	<1.0	13	<1.0	5.4
AUG										
23...	9.2	59	<1.0	64	6.6	9.9	<1.0	15	<1.0	5.9
SEP										
20...	14	150	<1.0	176	<1.0	10	<1.0	168	<1.0	6.2