

**CONNECTICUT RIVER BASIN**  
**01184490 BROAD BROOK AT BROAD BROOK, CT--Continued**

**WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**--April 1997 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 (PER- CENT SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ENTERO- COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)
		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)
OCT											
15...	1240	31	248	7.5	15.0	12.5	50	10.2	98	K170000	K13000
DEC											
21...	1000	12	367	8.2	4.5	4.5	1.5	13.7	105	240	84
FEB											
23...	1430	24	273	7.8	-2.0	2.0	2.3	14.0	99	K10	30
APR											
19...	1045	22	288	8.3	14.5	11.0	2.0	11.8	107	50	K11
JUN											
17...	1130	10	347	7.8	20.5	20.0	3.5	8.1	89	K310	40
JUL											
20...	0845	14	337	8.0	22.0	22.5	4.0	7.6	88	980	1140
AUG											
16...	0850	9.1	352	7.9	20.5	20.0	3.2	7.9	87	1500	660
SEP											
21...	1000	17	316	7.6	18.5	16.5	8.2	9.7	100	2500	1000

## CONNECTICUT RIVER BASIN

## 01184490 BROAD BROOK AT BROAD BROOK, 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 + 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)
OCT										
15...	9.4	151	175	.059	2.64	.394	.96	1.4	.93	4.0
DEC										
21...	13	207	220	.022	5.55	.051	.09	.14	.31	5.7
FEB										
23...	12	163	172	.018	3.66	.123	.27	.40	.31	4.1
APR										
19...	9.9	169	168	.017	3.13	.038	.21	.25	.20	3.4
JUN										
17...	13	233	222	.081	3.74	.115	.39	.50	.44	4.2
JUL										
20...	11	203	211	.042	3.29	.054	.41	.47	.28	3.8
AUG										
16...	11	206	226	.065	3.25	.125	.40	.53	.49	3.8
SEP										
21...	13	194	217	.048	3.60	.121	.67	.79	.48	4.4
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										
15...	.375	.318	.249	24	<1.0	76	<1.0	<1.0	<1.0	<1.0
DEC										
21...	E.033	<.050	.025	6.8	<1.0	110	<1.0	<1.0	4.3	<1.0
FEB										
23...	.074	.048	.041	12	<1.0	74	<1.0	<1.0	2.4	<1.0
APR										
19...	.045	.031	.024	24	<1.0	76	<1.0	<1.0	<1.0	<1.0
JUN										
17...	.109	.072	.060	19	<1.0	94	<1.0	<1.0	<1.0	<1.0
JUL										
20...	.083	.036	.029	21	<1.0	103	<1.0	<1.0	<1.0	<1.0
AUG										
16...	.092	.056	.041	5.8	<1.0	97	<1.0	<1.0	--	<1.0
SEP										
21...	.212	.165	.139	14	<1.0	97	<1.0	<1.0	<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										
15...	2.5	88	<1.0	106	<1.0	<1.0	<1.0	1.0	<1.0	11
DEC										
21...	<1.0	16	<1.0	54	<1.0	1.2	<1.0	<1.0	<1.0	1.8
FEB										
23...	1.2	37	<1.0	172	<1.0	<1.0	<1.0	1.3	<1.0	2.6
APR										
19...	<1.0	85	<1.0	145	<1.0	<1.0	<1.0	<1.0	<1.0	2.3
JUN										
17...	<1.0	52	<1.0	94	<1.0	<1.0	<1.0	<1.0	<1.0	3.1
JUL										
20...	<1.0	16	<1.0	38	<1.0	<1.0	<1.0	<1.0	<1.0	2.3
AUG										
16...	<1.0	21	<1.0	24	<1.0	1.3	<1.0	<1.0	<1.0	3.4
SEP										
21...	2.1	43	<1.0	146	<1.0	<1.0	<1.0	1.4	<1.0	5.4