

CONNECTICUT RIVER BASIN
01192050 HOCKANUM RIVER NEAR ROCKVILLE, CT

LOCATION.--Lat 41°51'57", long 72°29'12", Hartford County, Hydrologic Unit 01080203, at bridge on State Highway 74 near Rockville.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--August 1968, March 1995 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 (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)
OCT											
27...	1300	12	234	7.2	12.0	11.5	4.4	9.0	82	120	35
DEC											
14...	1115	12	222	7.3	4.0	3.0	2.0	12.7	95	K18	K3
FEB											
17...	1030	84	67	6.8	5.0	2.5	2.0	12.4	91	39	21
APR											
13...	1200	46	130	7.0	13.5	10.0	1.5	11.3	102	K9	K3
JUN											
17...	0930	3.0	163	7.2	16.0	17.5	5.0	8.4	88	560	132
JUL											
20...	1015	<1.0	192	6.9	23.0	22.0	7.3	5.3	61	3500	4200
AUG											
16...	1015	9.2	177	7.0	25.5	20.0	3.4	6.9	63	1200	940
SEP											
21...	1250	28	201	6.6	18.0	16.0	3.8	6.1	64	900	430

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 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)
OCT											
27...	76	22	5.4	13	2.5	0	54	44	23	21	.12
DEC											
14...	70	20	5.1	12	1.8	0	46	38	21	23	<.10
FEB											
17...	22	5.7	1.8	9.6	1.3	0	13	11	8.3	17	<.10
APR											
13...	27	7.1	2.2	9.3	1.3	0	17	14	8.2	13	<.10
JUN											
17...	42	12	3.2	12	1.5	0	28	23	12	22	<.10
JUL											
20...	56	16	4.0	11	2.0	0	38	31	19	19	<.10
AUG											
16...	48	13	3.5	13	1.7	0	34	28	14	22	<.10
SEP											
21...	58	16	4.4	11	3.6	0	32	26	26	19	<.10

CONNECTICUT RIVER BASIN

01192050 HOCKANUM RIVER NEAR ROCKVILLE, 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. TOTAL (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
OCT										
27...	8.8	139	141	.032	1.42	.078	.23	.30	.22	1.7
DEC										
14...	8.1	131	133	.034	1.81	.088	.19	.28	.29	2.1
FEB										
17...	5.3	69	71	<.010	.437	.025	.26	.29	.20	.72
APR										
13...	4.3	74	74	<.010	.471	.032	.29	.32	.32	.79
JUN										
17...	4.4	113	101	<.010	.851	.039	.34	.38	.28	1.2
JUL										
20...	5.4	114	125	.019	.644	.109	.55	.66	.48	1.3
AUG										
16...	5.6	98	107	<.010	.676	.072	.31	.38	.34	1.1
SEP										
21...	7.7	125	134	.018	.758	.075	.73	.81	.55	1.6
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										
27...	.064	E.038	.038	6.1	<1.0	49	<1.0	<1.0	<1.0	<1.0
DEC										
14...	E.032	<.050	.022	5.6	<1.0	51	<1.0	<1.0	<1.0	<1.0
FEB										
17...	.038	.018	.022	25	<1.0	21	<1.0	<1.0	<1.0	<1.0
APR										
13...	.041	.018	.020	21	<1.0	22	<1.0	<1.0	<1.0	<1.0
JUN										
17...	.068	.028	.022	4.1	<1.0	36	<1.0	<1.0	<1.0	<1.0
JUL										
20...	.200	.058	.052	4.8	<1.0	54	<1.0	<1.0	<1.0	<1.0
AUG										
16...	.096	.035	.024	4.2	<1.0	41	<1.0	<1.0	--	<1.0
SEP										
21...	.185	.128	.104	26	<1.0	50	<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										
27...	5.7	51	<1.0	63	<1.0	<1.0	<1.0	2.9	<1.0	4.1
DEC										
14...	3.5	78	<1.0	65	<1.0	<1.0	<1.0	3.3	<1.0	2.9
FEB										
17...	4.4	92	<1.0	24	<1.0	<1.0	<1.0	6.4	<1.0	3.9
APR										
13...	3.2	94	<1.0	30	<1.0	<1.0	<1.0	3.4	<1.0	4.9
JUN										
17...	2.6	63	<1.0	64	<1.0	<1.0	<1.0	2.1	<1.0	4.2
JUL										
20...	3.0	140	<1.0	355	<1.0	<1.0	<1.0	7.8	<1.0	6.4
AUG										
16...	2.5	72	<1.0	131	<1.0	<1.0	<1.0	4.1	<1.0	4.3
SEP										
21...	3.6	240	<1.0	187	<1.0	1.2	<1.0	14	<1.0	8.3