

HOUSATONIC RIVER BASIN

01205500 HOUSATONIC RIVER AT STEVENSON, CT--Continued

WATER-QUALITY RECORDS

PERIOD of RECORD.--Water years 1952-53, 1955-56, 1959, 1961, 1963, 1968 to current year.

PERIOD of DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1974 to September 1981.

WATER TEMPERATURES: November 1974 to September 1981.

EXTREMES FOR PERIOD of DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 390 microsiemens Sept. 14, 1977; minimum recorded, 46 microsiemens Mar. 25, 1980.

WATER TEMPERATURES: Maximum recorded, 30.5°C Aug. 3, 6-9, 1976; minimum, 0.0°C many days during the winter period.

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, (PER-CENT 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 15...	1100	97	309	7.6	9.5	11.5	1.7	10.3	94	4k	2k	120	28.8	
JAN 14...	1515	92	329	7.7	16.0	3.5	2.6	16.3	123	3k	<1k	120	30.3	
MAY 29...	1030	6020	216	7.6	20.5	14.0	1.9	9.5	91	35	21	83	21.0	
JUL 17...	1400	103	240	8.0	28.0	26.5	1.1	9.8	122	5k	7k	91	22.8	
Date	Time	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) (39086)	SULFATE DIS-SOLVED (MG/L AS S04) (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) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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 15...	11.2	17.3	2.58	0	122	101	13.0	27.4	E.1	1.23	172	178	.008	
JAN 14...	11.6	17.3	2.53	4	112	99	13.7	29.4	.1	.31	186	186	.009	
MAY 29...	7.51	10.2	1.27	0	83	68	9.3	17.1	<.1	4.21	122	118	E.005	
JUL 17...	8.27	10.8	1.39	0	99	81	8.6	17.8	E.1	2.12	134	142	.009	
Date	Time	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	NITRO-GEN, 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)	
NOV 15...	.51	.06	.34	.40	.33	.91	.018	E.004	<.02	2	.12	14	<.06	
JAN 14...	.65	.11	.40	.51	.30	1.2	.026	.008	<.02	1	.09	15	<.06	
MAY 29...	.28	E.02	--	.33	.22	.62	.031	.010	<.02	7	.06	12	<.06	
JUL 17...	.26	<.04	--	.34	.28	.60	.014	.007	<.02	4	.11	13	<.06	
Date	Time	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)
NOV 15...	<.04	<.8	.09	.8	E7	<.08	2.4	.7	.11	<1	2	.49	4.2	
JAN 14...	<.04	<.8	.11	1.0	E9	<.08	7.5	.8	.81	<1	1	.52	3.8	
MAY 29...	<.04	<.8	.07	.9	32	E.04	6.3	.3	.15	<1	<1	.24	4.2	
JUL 17...	<.04	<.8	.10	.8	12	<.08	10.7	.5	1.00	<1	1	.29	--	

Value qualifier codes used in this report:

k -- Counts outside acceptable range

Science Challenge

What percentage of the Earth's total water supply is drinkable, fresh water?

Find more earth science information on our website at <http://www.usgs.gov>

Drinkable water accounts for less than 3 percent of the Earth's total supply.