

CONNECTICUT RIVER BASIN

01193750 CONNECTICUT RIVER AT EAST HADDAM, CT

LOCATION.--Lat 41°27'05", long 72°27'55", Middlesex County, Hydrologic Unit 01080205, at bridge on State Highway 82, at East Haddam, 1.1 mi downstream from Salmon River and 3.7 mi upstream from Chester Creek.

DRAINAGE AREA.--11,092 mi².

PERIOD OF RECORD.--Water years 1968, 1974 to current year.

REMARKS.--Stream tidal affected.

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

DATE	TIME	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 OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31616)	ENTERO- COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT											
13...	0900	160	7.6	14.0	15.5	4.1	7.8	77	900	45	44
DEC											
11...	1115	124	7.8	7.5	6.0	2.0	11.7	93	900	84	39
FEB											
10...	0945	126	7.1	8.0	1.5	2.3	16.0	114	520	120	28
APR											
05...	0945	91	7.4	10.0	6.0	17	12.5	101	180	43	26
JUN											
09...	1100	111	8.1	22.0	24.5	4.8	10.2	123	K65	K10	39
AUG											
17...	1245	154	7.4	26.5	26.0	1.9	5.5	68	K6	K1	35

DATE	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										
13...	14	2.2	10	1.9	0	39	32	10	15	<.10
DEC										
11...	13	1.8	7.3	1.3	0	35	29	8.3	9.9	<.10
FEB										
10...	8.5	1.7	11	1.1	0	24	20	7.7	18	<.10
APR										
05...	8.5	1.3	5.5	.86	0	20	16	6.3	9.3	<.10
JUN										
09...	12	2.0	9.8	1.4	0	33	27	8.2	14	<.10
AUG										
17...	9.9	2.5	14	2.3	0	28	23	11	18	.11

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01193750 CONNECTICUT RIVER AT EAST HADDAM, 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, ORGANIC 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										
13...	4.6	87	83	.022	.500	.160	.37	.53	.38	1.0
DEC										
11...	5.8	78	77	.012	.398	.141	.19	.33	.30	.73
FEB										
10...	6.4	76	82	.015	.455	.149	.15	.30	.26	.76
APR										
05...	5.1	54	109	.010	.256	.047	.47	.51	.17	.77
JUN										
09...	4.1	90	91	.011	.379	<.020	--	1.7	.21	2.1
AUG										
17...	3.5	89	89	.032	.572	.345	.16	.50	.57	1.1
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										
13...	.106	.075	.067	9.7	<1.0	17	<1.0	<1.0	<1.0	<1.0
DEC										
11...	.052	.057	.054	16	<1.0	12	<1.0	<1.0	<1.0	<1.0
FEB										
10...	.042	.027	.040	27	<1.0	14	<1.0	<1.0	<1.0	<1.0
APR										
05...	.092	.013	.022	19	<1.0	9.5	<1.0	<1.0	<1.0	<1.0
JUN										
09...	.063	.014	<.010	16	<1.0	14	<1.0	<1.0	<1.0	<1.0
AUG										
17...	.150	.143	.119	4.0	<1.0	18	<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										
13...	2.1	40	<1.0	6.7	<1.0	<1.0	<1.0	2.2	<1.0	4.7
DEC										
11...	1.4	85	<1.0	14	<1.0	1.0	<1.0	1.8	<1.0	3.8
FEB										
10...	1.3	71	<1.0	25	<1.0	<1.0	<1.0	3.2	<1.0	3.5
APR										
05...	1.2	41	<1.0	8.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.4
JUN										
09...	1.5	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.6
AUG										
17...	2.9	24	<1.0	50	1.2	1.4	<1.0	2.8	<1.0	4.3