

CONNECTICUT RIVER BASIN
01193500 SALMON RIVER NEAR EAST HAMPTON, CT--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 1953, April 1954, October 1960 to September 1961, June 1968 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1975 to September 1993 .

pH: December 1984 to September 1992.

WATER TEMPERATURES: March 1975 to April 1993 .

DISSOLVED OXYGEN: January 1985 to September 1992 .

SUSPENDED-SEDIMENT DISCHARGE: January 1982 to September 1986, October 1987 to September 1990.

INSTANTANEOUS SUSPENDED-SEDIMENT DISCHARGE: March 1987 to September 1987.

INSTRUMENTATION.--Water-quality 2-channel mini-monitor March 1975 to September 1984, August 1993 to September 1993.

Water-quality 4-channel mini-monitor October 1984 to April 1993.

REMARKS.--Unpublished records of iron, specific conductance, and pH of daily samples for 1960-61 available in the office at East Hartford, Conn. Instantaneous records are representative of the cross section while continuous records are based on point samples. The instantaneous record values will not necessarily fall within the corresponding daily range of the continuous records .

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 257 microsiemens Jan. 1, 1990; minimum, 23 microsiemens February 23, 1978.

pH: Maximum, 8.8 units Oct. 14, 1985, Aug. 9, 18, 19, 1987; minimum 6.2 units Dec. 19, 1986, Jan. 24, March 13, Sept. 30, 1992.

WATER TEMPERATURES: Maximum, 32.0°C Aug. 2, 1975; minimum, 0.0°C on many days during winter periods.

DISSOLVED OXYGEN: Maximum, 17.1 mg/L March 9, 1986; minimum 0.2 mg/L Dec. 3, 1986.

SEDIMENT CONCENTRATIONS: Maximum daily mean, 3,870 mg/L June 6, 1982; minimum daily mean, 0 mg/L on numerous days.

SEDIMENT LOADS: Maximum daily, 95,400 tons June 6, 1982; minimum daily, 0 tons on numerous days.

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

DATE	TIME	DIS-CHARGE,	SPE-IFIC CON-DUCT-ANCE	PH WATER FIELD (STAND-ARD	TEMPER-ATURE AIR	TEMPER-ATURE WATER	TUR-BID-ITY	OXYGEN, DIS-SOLVED	OXYGEN, (PER-CENT SATUR-	COLI-FORM, UM-MF	ENTERO-COCCI ME, MF
		(00061)	(US/CM) (00095)	UNITS) (00400)	(DEG C) (00020)	(DEG C) (00010)	(NTU) (00076)	(MG/L) (00300)	ATION) (00301)	(COLS./100 ML) (31616)	(COL /100 ML) (31649)
OCT											
15...	0930	166	100	7.4	11.5	12.0	2.2	10.7	99	290	88
JAN											
25...	1100	923	81	6.9	3.5	2.5	3.3	14.7	108	210	168
APR											
12...	1000	152	98	7.4	11.5	9.0	.70	12.3	108	20	K4
JUL											
19...	1415	26	105	7.3	31.0	26.0	1.9	8.0	100	1000	118
		HARD-NESS	MAGNE-SIUM,	SODIUM,	POTAS-SIUM,	CAR-BONATE	BICAR-BONATE	ALKA-LINITY		CHLO-RIDE,	FLUO-RIDE,
		TOTAL	DIS-SOLVED	DIS-SOLVED	DIS-SOLVED	WATER	WATER	WAT DIS	SULFATE	DIS-SOLVED	DIS-SOLVED
		(MG/L	(MG/L	(MG/L	(MG/L	MG/L AS	MG/L AS	TOT IT	(MG/L	(MG/L	(MG/L
		AS	AS CA)	AS MG)	AS NA)	AS K)	CO3	FIELD	AS SO4)	AS CL)	AS F)
		(00900)	(00915)	(00925)	(00930)	(00935)	(00452)	FIELD	(00945)	(00940)	(00950)
OCT											
15...	21	5.6	1.6	8.3	2.4	0	11	9	9.7	13	<.10
JAN											
25...	13	3.4	1.1	6.6	1.4	0	5	4	7.6	11	<.10
APR											
12...	18	4.8	1.4	7.2	1.3	0	13	11	8.2	13	<.10
JUL											
19...	20	5.5	1.5	9.3	2.3	0	13	11	8.2	15	<.10

