

01196620 MILL RIVER NEAR HAMDEN, CT

LOCATION.--Lat 41° 25'15", long 72° 54'12", New Haven County, Hydrologic Unit 01100004, 150 ft downstream from bridge on Mount Carmel Ave., 0.4 mi downstream from Eatons Brook, and 2.5 mi north of Hamden.

DRAINAGE AREA.--24.5 mi².

PERIOD OF RECORD.--October 1968 to September 1970, October 1978 to current year.

GAGE.--Water-stage recorder and broad-crested concrete weir. Datum of gage is 82.57 ft above sea level. October 1, 1968, to September 30, 1970, 150 ft upstream at datum 0.73 ft higher.

REMARKS.--Records good, except those for periods of estimated record, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 14	1515	567	3.00	Apr 3	0300	515	2.90
Feb 15	0630	685	3.21	Apr 24	0500	599	3.06
Mar 29	0315	*760	*3.34				

Minimum discharge, 1.4 ft³/s, Sep. 14, 15, gage height, 1.05 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	14	200	e40	e15	50	117	110	27	26	5.2	4.0
2	26	14	141	49	e14	47	326	86	26	18	5.0	3.1
3	23	13	83	49	e14	44	376	86	25	15	4.7	2.5
4	20	16	66	93	e14	41	184	73	24	13	4.3	2.3
5	18	39	58	67	18	40	134	67	22	12	4.2	2.2
6	16	22	52	66	18	40	112	63	21	13	3.9	2.1
7	16	18	65	65	19	43	101	66	20	11	3.9	1.9
8	15	16	102	90	20	73	134	63	19	39	3.9	1.7
9	15	15	68	96	34	63	98	58	18	64	3.9	1.7
10	14	14	101	72	71	50	87	54	17	23	3.8	1.9
11	13	14	158	68	62	45	79	52	17	14	3.6	1.7
12	13	17	92	72	49	46	73	50	16	12	3.2	1.7
13	13	27	76	78	45	43	69	48	15	18	3.2	1.6
14	13	23	66	401	54	42	66	46	14	13	3.1	1.4
15	18	21	57	260	475	42	61	46	14	11	4.9	16
16	49	20	52	140	170	44	59	45	16	10	4.2	6.9
17	23	18	52	112	123	46	56	42	21	11	3.9	4.9
18	17	17	49	e81	90	49	54	39	15	12	3.3	6.1
19	54	17	48	e61	70	51	52	38	15	11	3.0	3.4
20	45	16	e47	e53	64	51	50	37	14	9.2	3.0	2.7
21	27	21	e42	e49	66	51	47	36	13	8.0	3.4	2.5
22	21	20	43	e45	63	53	46	35	12	7.8	3.0	2.3
23	19	18	102	e43	62	54	176	35	14	7.4	2.6	2.1
24	18	27	237	e38	57	59	456	40	12	6.7	2.4	2.0
25	17	101	91	e32	55	66	181	45	11	6.1	2.3	2.0
26	16	57	68	e28	51	68	115	41	10	5.9	2.2	2.6
27	15	38	62	e25	48	63	118	37	9.7	7.8	2.2	4.6
28	15	127	e52	e20	47	249	139	39	24	10	2.5	2.6
29	15	132	e48	e19	---	540	95	34	88	6.7	3.6	3.5
30	15	66	e44	e17	---	211	92	30	79	6.1	7.9	4.5
31	15	---	e36	e16	---	140	---	28	---	5.7	5.5	---
TOTAL	649	978	2,458	2,345	1,888	2,504	3,753	1,569	648.7	433.4	115.8	98.5
MEAN	20.9	32.6	79.3	75.6	67.4	80.8	125	50.6	21.6	14.0	3.74	3.28
MAX	54	132	237	401	475	540	456	110	88	64	7.9	16
MIN	13	13	36	16	14	40	46	28	9.7	5.7	2.2	1.4
CFSM	0.85	1.33	3.24	3.09	2.75	3.30	5.11	2.07	0.88	0.57	0.15	0.13
IN.	0.99	1.48	3.73	3.56	2.87	3.80	5.70	2.38	0.98	0.66	0.18	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2005, BY WATER YEAR (WY)

MEAN	24.4	38.8	57.3	58.9	59.4	86.1	92.6	58.4	53.0	18.8	17.9	14.9
MAX	123	99.1	192	258	108	183	317	169	411	58.2	70.0	39.5
(WY)	(1990)	(1990)	(1984)	(1979)	(1984)	(1983)	(1983)	(1989)	(1982)	(1984)	(1989)	(2003)
MIN	4.64	4.53	7.41	6.95	8.68	32.5	20.9	18.9	8.92	5.04	1.84	2.29
(WY)	(1998)	(2002)	(2002)	(2002)	(2002)	(2002)	(1985)	(1986)	(1999)	(1995)	(1999)	(1995)

e Estimated

01196620 MILL RIVER NEAR HAMDEN, CT—Continued

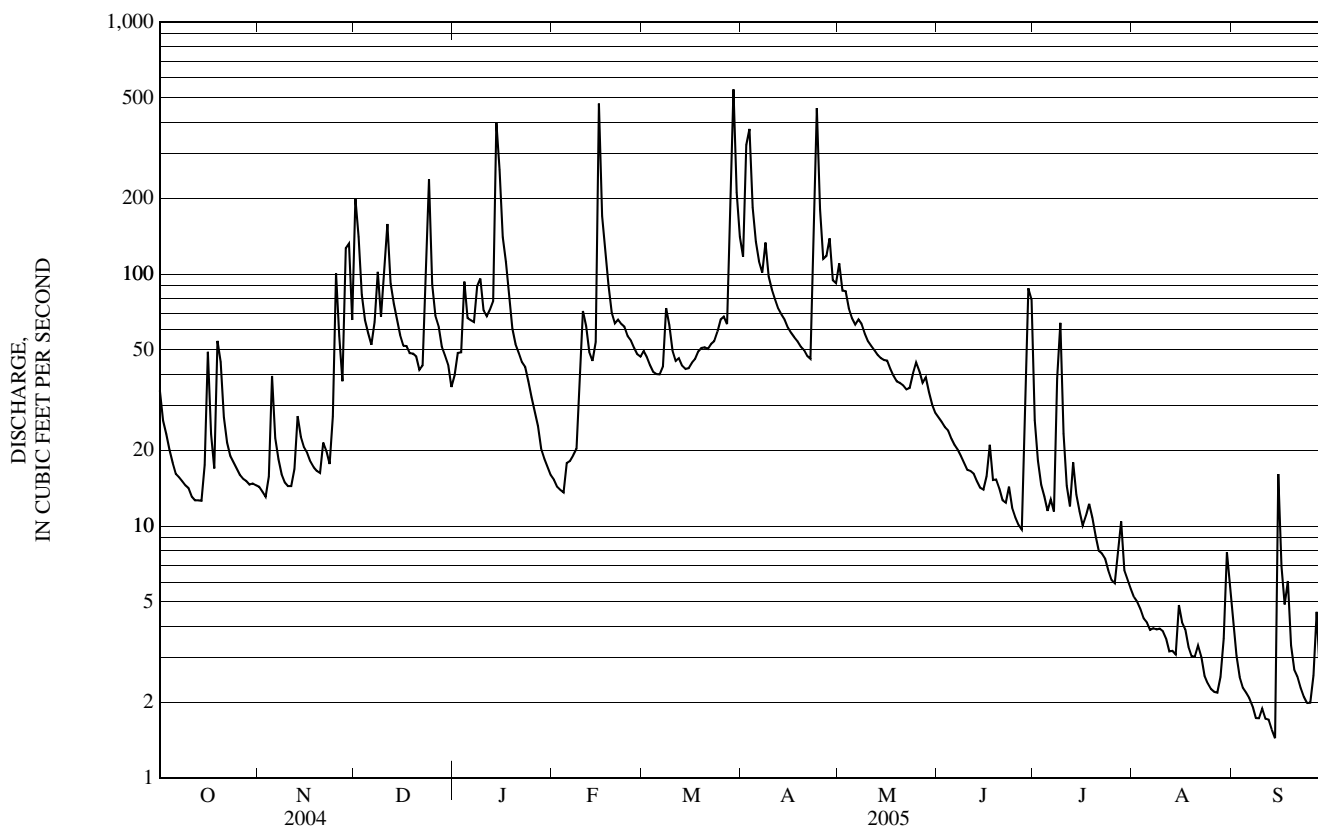
SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1969 - 2005	
ANNUAL TOTAL	16,724.5		17,440.4		48.3	
ANNUAL MEAN	45.7		47.8		85.1	
HIGHEST ANNUAL MEAN					17.3	
LOWEST ANNUAL MEAN					1984	
HIGHEST DAILY MEAN	721	Apr 14	540	Mar 29	4,300	Jun 6, 1982
LOWEST DAILY MEAN	3.7	Sep 5	d1.4	Sep 14	0.15	Sep 12, 1995
ANNUAL SEVEN-DAY MINIMUM	4.0	Sep 1	1.7	Sep 8	0.21	Sep 6, 1995
MAXIMUM PEAK FLOW			760	Mar 29	a5,580	Jun 6, 1982
MAXIMUM PEAK STAGE			3.34	Mar 29	b9.53	Jun 6, 1982
INSTANTANEOUS LOW FLOW			1.4	Sep 14	c0.15	Sep 12, 1995
ANNUAL RUNOFF (CFSM)	1.87		1.95		1.97	
ANNUAL RUNOFF (INCHES)	25.39		26.48		26.78	
10 PERCENT EXCEEDS	89		99		98	
50 PERCENT EXCEEDS	35		28		29	
90 PERCENT EXCEEDS	7.7		3.5		6.3	

a From contracted-opening measurement 0.7 mi downstream.

b From floodmarks.

c Also occurred Sep. 13, 1995.

d Also occurred Sep. 15.



01198125 HOUSATONIC RIVER NEAR ASHLEY FALLS, MA

LOCATION.--Lat 42° 04'29", long 73° 20'02", Berkshire County, Hydrologic Unit 01100005, 2.5 mi downstream from Soda Creek, 3.1 mi upstream from Konkapot River.

DRAINAGE AREA.--465 mi².

PERIOD OF RECORD.--October 1991 to current year.

PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT CONCENTRATION: March 1994 to September 1995.

SUSPENDED-SEDIMENT DISCHARGE: March 1994 to September 1995.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 94 mg/L, March 9, 1995, minimum daily mean, 1 mg/L on several days.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 962 tons, April 8, 1994, minimum daily 0.41 tons, Aug. 25, 1995.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 01...	0945	644	2.2	10.4	96	8.0	351	10.5	11.0	140	38.3	11.6	1.50
JAN 05...	1300	1,570	11	14.7	110	7.4	329	.5	2.5	110	28.1	9.11	1.16
MAR 16...	1215	628	3.2	11.6	85	7.7	452	3.0	1.5	150	37.8	12.5	1.51
MAY 10...	0930	650	1.5	10.5	102	8.3	351	21.0	13.0	130	32.5c	11.9c	1.27c
JUN 08...	1015	359	2.9	--e	--e	7.5	401	28.5	--e	150	35.7	13.7	1.85
JUL 14...	1200	299	12	13.2	157	9.2	365	27.5	23.0	130	33.8	11.9	1.41
AUG 04...	1230	142	1.9	7.6	97	8.1	457	29.5	26.5	160	39.3	14.0	2.00
SEP 26...	0945	249	2.3	7.2	77	8.1	542	17.0	17.0	190	46.2	17.6	3.21

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
NOV 01...	19.7	124	151	0	30.1	<.1	4.00	9.1	191	187	.23	.28	<.04
JAN 05...	21.1	104	127	--	33.4	<.1	4.49	8.3	211	172	.18	.32	E.03n
MAR 16...	37.3	123	150	--	60.3	<.1	5.04	10.0	246	238	.32	.38	.09
MAY 10...	21.6c	104	127	0	35.9	<.1	1.64c	8.8	197	192	.39	.26	<.04
JUN 08...	24.4	122	149	--	40.5	E.1n	2.42	9.7	219	222	.40	.54	.05
JUL 14...	22.8	121	126	10	39.0	E.1n	1.78	8.7	236	185	.30	.90	<.04
AUG 04...	26.3	136	165	0	48.0	E.1n	2.97	11.3	250	255	.78	.90	<.04
SEP 26...	38.0	156	190	0	56.8	E.1n	1.78	19.2	314	309	.57	.57	E.04n

01198125 HOUSATONIC RIVER NEAR ASHLEY FALLS, MA—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, unfltrd mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/100 mL (90902)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)
NOV 01...	.47	.010	--	.75	<.02	.018	.033	4.7	70	110	9	<.20	13
JAN 05...	.42	<.008	--	.74	<.02	.018	.057	4.3	160	110	9	<.20	10
MAR 16...	.62	<.008	.29	1.0	E.01n	.020	.042	2.6	19k	40k	7	<.20	11
MAY 10...	.39	E.005n	--	.65	<.02	.012	.022	2.9	7k	4k	16	<.20	12
JUN 08...	.68	.022	.49	1.2	<.02	.021	.049	4.1	100	150	13	E.12n	15
JUL 14...	<.06	<.008	--	--	<.02	.010	.100	7.9	110	97	10	E.14n	12
AUG 04...	.39	E.007n	--	1.3	<.02	.009	.038	4.6	53	61k	17	E.18n	19
SEP 26...	1.07	.010	--	1.6	.03	.044	.067	3.7	100k	130	7	E.18n	20

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Beryllium, water, fltrd, ug/L (01010)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
NOV 01...	<.06	<.04	<.8	.156	.9	67	E.07n	35.5	E.3n	.73	<.2	.9	.42
JAN 05...	<.06	<.04	<.8	.142	.7	34	E.07n	21.5	<.4	.52	<.2	1.3	.36
MAR 16...	<.06	<.04	<.8	.176	.8	65	E.05n	55.4	E.3n	1.55	<.2	1.1	.37
MAY 10...	<.06	E.02n	<.8	.145	.9	92c	.11	34.6	E.4n	.81	<.2	1.2	.41
JUN 08...	<.06	E.02n	<.8	.202	1.6	24	E.06n	10.4	.6	1.52	<.2	1.2	.42
JUL 14...	<.06	E.02n	<.8	.199	1.4	32	.10	6.5	.7	1.31	<.2	.9	.46
AUG 04...	<.06	.05	<.8	.210	6.3	47	.36	44.4	.9	1.54	<.2	3.2	.59
SEP 26...	<.06	.05	.09	.278c	1.9c	38	.12	73.2	1.2	1.59	<.2	1.7	.74

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

c -- See laboratory comment

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

Null value qualifier codes used in this table:

e -- Required equipment not functional/avail

01198990 FALLS VILLAGE RESERVOIR AT FALLS VILLAGE, CT

LOCATION.--Lat 41°57'45", long 73°22'18", Litchfield County, Hydrologic Unit 01100005, on Housatonic River at Great Falls, 0.4 mi upstream from hydroelectric plant of Connecticut Light and Power Company and gaging station at Falls Village, 0.9 mi downstream from Hollenbeck River and 2.0 mi upstream from Salmon Creek.

DRAINAGE AREA.--633 mi².

PERIOD OF RECORD.--Water years 1921, 1956 to current year.

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1955 to current year.

COOPERATION.--Records were furnished by the Connecticut Light and Power Company.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 27.5° C Aug 1, 1999; minimum daily, 0.0° C on numerous days during the winter period.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 26.7° C on June 14; minimum daily, 0.1° C on numerous days during the winter period.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.1	11.2	5.4	0.5	0.1	0.3	4.3	12.2	18.4	25.0	---	23.4
2	15.9	11.2	5.6	1.3	0.1	0.3	5.1	12.2	19.4	25.0	---	23.8
3	15.6	10.7	5.0	2.1	0.2	0.3	5.2	11.9	20.2	24.9	---	23.7
4	15.0	9.7	4.1	2.9	0.2	0.3	4.8	11.5	21.0	24.7	---	23.4
5	14.6	8.7	3.5	2.9	0.2	0.3	4.9	11.4	21.8	24.8	---	23.3
6	13.6	8.0	3.4	2.0	0.2	0.4	6.3	11.7	22.6	24.8	---	22.9
7	13.1	7.8	3.1	1.1	0.3	0.9	8.0	11.7	23.3	24.7	---	22.8
8	13.4	7.9	3.2	0.8	0.5	1.6	9.0	11.7	24.1	23.7	---	22.6
9	14.0	7.3	3.6	0.8	0.4	0.5	9.7	11.7	24.6	22.4	---	22.7
10	14.2	5.7	4.0	0.9	0.3	0.1	10.0	13.3	25.0	22.0	---	22.3
11	13.9	4.1	4.4	1.3	0.3	0.1	10.3	15.6	25.6	22.9	---	21.7
12	12.9	4.5	4.8	1.4	0.3	0.1	10.0	17.0	26.2	24.2	---	21.6
13	12.3	4.5	4.8	1.7	0.3	0.1	9.9	16.9	26.6	24.6	---	21.9
14	12.1	4.1	3.8	2.3	0.3	0.3	10.2	16.5	26.7	24.6	---	22.0
15	12.2	3.8	2.1	1.1	0.5	0.6	10.6	16.6	26.3	25.1	---	22.5
16	12.6	3.9	0.8	0.5	1.1	1.1	10.7	16.9	24.8	25.9	---	22.9
17	12.5	4.1	0.5	0.3	1.4	1.9	11.2	17.1	22.7	26.4	24.6	22.6
18	11.7	4.4	0.5	0.2	1.3	2.6	12.2	17.2	20.9	26.5	23.6	22.4
19	11.2	5.4	0.5	0.2	0.6	3.3	13.1	17.1	20.8	---	23.9	22.4
20	10.8	6.2	0.5	0.2	0.3	3.6	13.6	16.9	21.2	---	23.3	22.4
21	10.7	6.7	0.5	0.1	0.3	3.5	13.0	16.3	21.6	---	23.1	22.0
22	10.3	7.2	0.5	0.1	0.6	3.6	14.5	15.8	22.2	---	23.0	21.6
23	10.0	7.5	0.5	0.1	1.1	3.9	13.8	15.1	22.8	---	22.8	21.4
24	9.8	7.6	0.5	0.1	1.3	3.4	13.1	14.5	23.1	---	22.5	20.9
25	9.8	8.0	0.3	0.1	1.0	3.2	12.6	13.5	23.9	---	22.5	20.1
26	9.9	7.8	0.2	0.1	0.8	3.5	12.1	12.6	25.1	---	22.2	19.8
27	10.2	6.2	0.2	0.1	0.5	4.1	12.3	13.0	26.2	---	22.2	19.3
28	10.1	5.9	0.2	0.1	0.3	4.0	12.3	14.8	26.6	---	22.4	18.8
29	9.8	6.2	0.2	0.1	---	2.4	12.2	16.4	26.4	---	22.3	18.5
30	9.8	5.7	0.2	0.1	---	2.0	12.2	17.4	25.2	---	22.9	17.7
31	10.7	---	0.2	0.1	---	3.2	---	17.9	---	---	23.1	---
MEAN	12.2	6.7	2.2	0.8	0.5	1.8	10.2	14.7	23.5	---	---	21.8

01198990 FALLS VILLAGE RESERVOIR AT FALLS VILLAGE, CT—Continued

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01199000 HOUSATONIC RIVER AT FALLS VILLAGE, CT

LOCATION.--Lat 41° 57' 26", long 73° 22' 11", Litchfield County, Hydrologic Unit 01100005, on left bank at hydroelectric plant of Connecticut Light and Power Company at Falls Village, 1.4 mi downstream from Hollenbeck River, and at mile 75.9.

DRAINAGE AREA.--634 mi².

PERIOD OF RECORD.--Discharge: July 1912 to current year. Water-quality records: Water years 1974-80.

REVISED RECORDS.--WSP 781: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 529.06 ft above sea level (levels by Corps of Engineers). Prior to Oct. 26, 1964, at site 0.6 mi downstream at datum 6.72 ft lower.

REMARKS.--Records good, including periods of estimated record. Low flow completely regulated by power plant of Connecticut Light and Power Company. High flow is regulated by flood-control reservoirs from 20.5 mi² in the Blackberry River Basin, but the regulation does not appreciably affect monthly runoff or the peak flows at the gaging station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 30	0630	4,480	6.33	Apr 4	0645	*9,000	*9.65
Jan 15	0315	5,680	7.21	Apr 7	1215	5,020	6.73

Minimum discharge, 97 ft³/s, Sep. 1, gage height, 1.55 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,890	743	2,340	1,320	918	934	6,120	1,250	604	1,020	447	254
2	2,780	703	2,810	1,240	854	919	5,970	1,270	577	825	273	265
3	2,140	710	2,610	1,230	829	859	7,880	1,260	537	611	237	225
4	1,780	715	2,130	1,750	823	830	8,890	1,200	496	489	209	193
5	1,520	885	1,780	2,000	857	826	8,240	1,100	463	388	194	165
6	1,360	949	1,590	1,740	851	823	6,560	1,010	437	345	198	128
7	1,180	911	1,500	1,560	814	812	5,020	934	442	386	191	132
8	1,070	831	1,660	1,470	894	955	4,440	889	453	460	178	131
9	1,010	806	1,760	1,450	938	878	4,070	852	412	529	172	127
10	944	743	1,780	1,340	1,440	913	3,550	804	369	558	164	130
11	937	707	1,950	1,260	1,880	902	2,890	771	351	492	158	127
12	856	722	1,970	1,270	1,730	882	2,340	761	350	411	150	113
13	815	738	1,870	1,480	1,400	845	2,010	716	346	435	149	105
14	790	714	1,710	3,630	1,150	818	1,780	653	323	404	168	105
15	799	713	1,480	5,540	1,420	793	1,560	651	319	366	297	119
16	1,080	715	1,220	4,840	2,030	770	1,390	672	340	394	529	135
17	1,160	694	1,210	e4,190	2,580	739	1,290	654	459	389	412	176
18	1,050	701	1,120	e2,710	2,380	733	1,180	622	610	433	326	149
19	1,100	676	1,090	e1,770	1,800	738	1,090	589	646	568	264	139
20	1,380	652	846	e1,830	1,520	743	1,010	558	559	641	230	143
21	1,400	681	380	e1,800	1,350	766	966	541	439	485	217	123
22	1,290	733	518	e1,520	1,210	881	913	544	368	387	203	119
23	1,160	724	902	e1,360	1,150	1,000	898	592	363	456	194	140
24	1,030	707	2,620	e1,320	1,060	987	1,300	668	322	499	170	119
25	974	950	2,690	e1,490	1,030	953	1,600	738	287	366	154	112
26	915	1,210	e2,160	e1,420	968	951	1,540	807	283	322	145	112
27	866	1,130	e1,810	e1,270	970	1,020	1,240	806	268	306	140	140
28	833	1,170	e1,190	1,000	920	1,400	1,200	819	269	280	151	143
29	785	2,130	e1,220	940	---	5,230	1,240	805	455	258	188	146
30	765	2,350	1,450	959	---	6,680	1,190	745	836	231	189	161
31	773	---	1,340	939	---	6,550	---	667	---	277	230	---
TOTAL	38,432	26,813	50,706	57,638	35,766	43,130	89,367	24,948	12,983	14,011	6,927	4,376
MEAN	1,240	894	1,636	1,859	1,277	1,391	2,979	805	433	452	223	146
MAX	3,890	2,350	2,810	5,540	2,580	6,680	8,890	1,270	836	1,020	529	265
MIN	765	652	380	939	814	733	898	541	268	231	140	105
CFSM	1.96	1.41	2.58	2.93	2.01	2.19	4.70	1.27	0.68	0.71	0.35	0.23
IN.	2.26	1.57	2.98	3.38	2.10	2.53	5.24	1.46	0.76	0.82	0.41	0.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)
MEAN	628	945	1,121	1,123	1,080	1,919	2,415	1,380	898	574	503	515
MAX	2,657	3,795	3,151	4,490	2,790	5,291	5,207	2,892	3,143	2,302	2,509	3,543
(WY)	(1956)	(1928)	(1974)	(1949)	(1976)	(1936)	(1940)	(1984)	(1984)	(1945)	(1955)	(1938)
MIN	122	117	131	189	267	669	756	541	277	170	157	126
(WY)	(1915)	(1915)	(1915)	(1981)	(1920)	(1965)	(1985)	(1941)	(1964)	(1965)	(1913)	(1995)

e Estimated

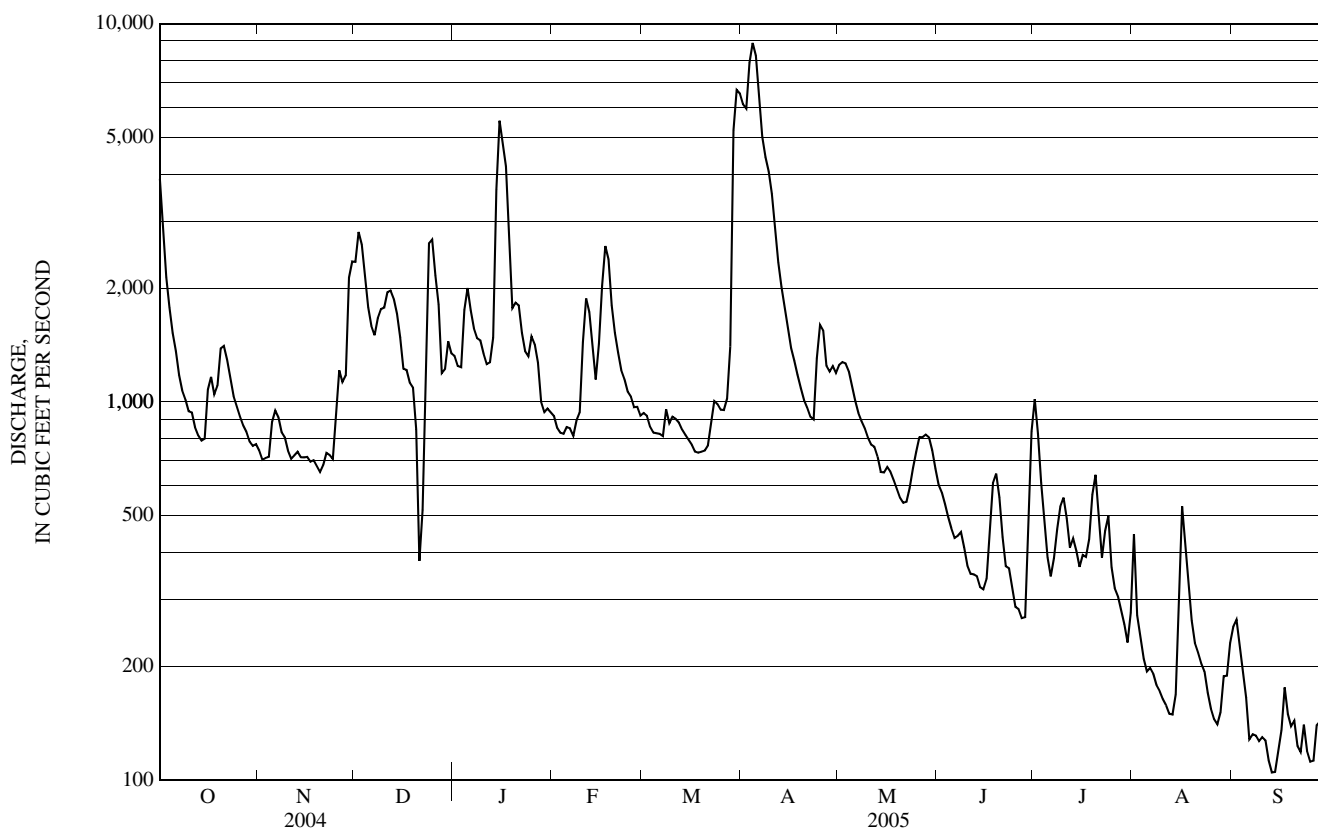
01199000 HOUSATONIC RIVER AT FALLS VILLAGE, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1913 - 2005	
ANNUAL TOTAL	425,982		405,097		1,091	
ANNUAL MEAN	1,164		1,110		1,782	
HIGHEST ANNUAL MEAN					403	
LOWEST ANNUAL MEAN					23,700	
HIGHEST DAILY MEAN	5,660	Sep 19	8,890	Apr 4	23,700	Jan 1, 1949
LOWEST DAILY MEAN	219	Jul 20	c105	Sep 13	24	Oct 15, 1914
ANNUAL SEVEN-DAY MINIMUM	277	Jul 17	118	Sep 9	51	Sep 10, 2002
MAXIMUM PEAK FLOW			9,000	Apr 4	23,900	Jan 1, 1949
MAXIMUM PEAK STAGE			9.65	Apr 4	a19.40	Jan 1, 1949
INSTANTANEOUS LOW FLOW			97	Sep 1	b	
ANNUAL RUNOFF (CFSM)	1.84		1.75		1.72	
ANNUAL RUNOFF (INCHES)	24.99		23.77		23.37	
10 PERCENT EXCEEDS	2,210		2,000		2,390	
50 PERCENT EXCEEDS	894		826		732	
90 PERCENT EXCEEDS	435		174		230	

a From floodmarks, present site and datum.

b Practically no flow at times when power plant was shut down.

c Also occurred Sep. 14.



01199050 SALMON CREEK AT LIME ROCK, CT

LOCATION.--Lat 41° 56'32", long 73° 23'29", Litchfield County, Hydrologic Unit 01100005, on left bank 300 ft upstream from bridge on Uptown Salisbury Rd., 0.6 mi north of Lime Rock, and 3.0 mi upstream from mouth.

DRAINAGE AREA.--29.4 mi².

PERIOD OF RECORD.--October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 620.37 ft above sea level. Satellite telemetry at station.

REMARKS.--Records good, except those for periods of estimated record, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 19, 1955, reached a stage of about 13.5 ft, from floodmarks, discharge 6,300 ft³/s, from rating curve extended above 350 ft³/s on basis of contracted-opening measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 14	1615	*856	*4.00	Apr 3	0730	706	3.62
Mar 29	0745	851	3.96				

Minimum discharge, 3.8 ft³/s, on several days, gage height, 0.71 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	30	145	50	e34	e31	252	56	28	17	8.0	9.0
2	85	29	154	47	e33	e30	306	48	25	14	8.0	7.0
3	85	30	104	53	e32	e30	580	50	23	11	6.6	5.9
4	66	30	88	102	35	e30	388	44	22	12	5.7	5.1
5	55	43	78	74	44	e30	262	40	20	9.5	5.9	5.2
6	50	35	65	67	43	e30	199	37	18	8.8	8.8	4.8
7	51	31	68	64	43	e31	173	37	20	9.2	6.6	4.5
8	48	30	92	66	44	e40	182	36	17	12	5.9	4.5
9	46	28	74	68	46	e35	148	34	15	19	5.9	4.2
10	44	27	93	56	107	e30	125	32	14	13	5.6	4.0
11	42	27	105	51	84	e26	110	30	14	10	5.1	4.0
12	39	28	94	61	65	e27	97	30	14	9.6	4.6	4.1
13	37	30	83	76	58	e27	89	27	14	16	4.8	4.0
14	36	29	71	469	52	e29	80	26	13	12	7.9	4.5
15	38	28	55	373	96	32	73	27	12	11	14	4.3
16	56	28	e52	204	102	32	68	28	13	9.8	8.9	4.7
17	46	28	52	152	118	32	64	26	26	11	7.6	5.8
18	40	27	48	e133	82	33	57	23	19	13	6.3	6.4
19	61	26	47	e117	e62	34	48	22	16	16	5.7	5.8
20	60	25	e47	e101	e55	34	45	20	14	18	6.1	6.0
21	49	32	e47	e94	e49	35	43	19	13	13	6.8	5.8
22	57	30	e47	e81	e46	42	39	21	11	11	6.0	5.3
23	47	27	66	e73	e44	44	44	21	11	15	5.1	7.7
24	53	27	148	e68	e41	43	79	23	9.7	11	4.8	6.7
25	40	53	e81	e64	e37	41	59	27	9.1	9.6	4.4	4.9
26	38	55	e66	e57	e37	43	50	26	8.4	9.1	4.2	5.3
27	36	44	e57	e54	e35	45	48	26	8.7	9.8	4.1	8.7
28	34	87	e54	e50	e33	130	50	37	11	7.4	6.4	6.9
29	32	166	e52	e45	---	601	49	36	18	6.1	8.6	7.0
30	32	101	50	e41	---	381	46	30	18	5.8	7.4	8.6
31	32	---	48	e37	---	280	---	33	---	5.8	8.4	---
TOTAL	1,535	1,211	2,331	3,048	1,557	2,308	3,853	972	474.9	355.5	204.2	170.7
MEAN	49.5	40.4	75.2	98.3	55.6	74.5	128	31.4	15.8	11.5	6.59	5.69
MAX	100	166	154	469	118	601	580	56	28	19	14	9.0
MIN	32	25	47	37	32	26	39	19	8.4	5.8	4.1	4.0
CFSM	1.68	1.37	2.56	3.34	1.89	2.53	4.37	1.07	0.54	0.39	0.22	0.19
IN.	1.94	1.53	2.95	3.86	1.97	2.92	4.88	1.23	0.60	0.45	0.26	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

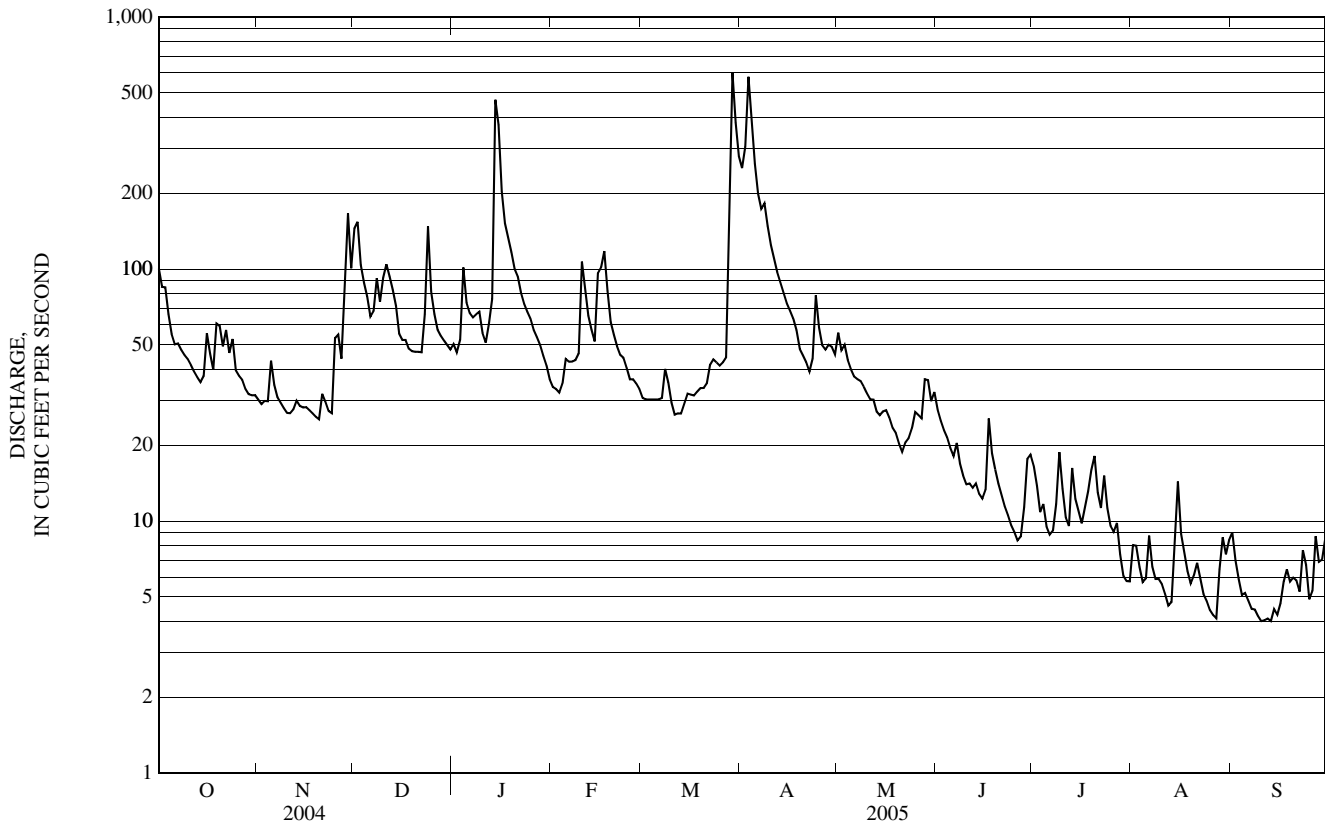
	33.0	41.9	55.2	51.8	54.0	83.8	93.3	59.9	42.2	25.6	22.1	22.7
MEAN	33.0	41.9	55.2	51.8	54.0	83.8	93.3	59.9	42.2	25.6	22.1	22.7
MAX	100	92.2	155	130	134	194	198	181	118	94.1	95.1	76.7
(WY)	(1978)	(1996)	(1984)	(1979)	(1982)	(1977)	(1997)	(1984)	(1972)	(1996)	(1976)	(2003)
MIN	6.99	5.56	8.07	4.97	8.91	27.6	26.6	20.6	9.50	5.27	4.86	3.48
(WY)	(1965)	(1965)	(1981)	(1981)	(1980)	(2002)	(1985)	(1965)	(1964)	(1993)	(1964)	(1964)

e Estimated

01199050 SALMON CREEK AT LIME ROCK, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	17,921.1		18,020.3		48.7	
ANNUAL MEAN	49.0		49.4		73.3	
HIGHEST ANNUAL MEAN					15.9	
LOWEST ANNUAL MEAN					1,730	
HIGHEST DAILY MEAN	265	Sep 18	601	Mar 29	1,730	May 30, 1984
LOWEST DAILY MEAN	8.5	Jul 22	4.0	Sep 10	1.5	Aug 11, 1964
ANNUAL SEVEN-DAY MINIMUM	10	Jul 16	4.2	Sep 9	2.1	Aug 31, 1995
MAXIMUM PEAK FLOW			856	Jan 14	1,840	Mar 6, 1979
MAXIMUM PEAK STAGE			4.00	Jan 14	5.90	Mar 6, 1979
INSTANTANEOUS LOW FLOW			3.8	Aug 27	0.70	Sep 25, 1964
ANNUAL RUNOFF (CFSM)	1.67		1.68		1.66	
ANNUAL RUNOFF (INCHES)	22.68		22.80		22.52	
10 PERCENT EXCEEDS	91		95		101	
50 PERCENT EXCEEDS	40		33		32	
90 PERCENT EXCEEDS	16		6.0		8.7	

a Also occurred Sep. 11, 13.



01200000 TENMILE RIVER NEAR GAYLORDSVILLE, CT

LOCATION.--Lat 41° 39'32", long 73° 31'44", Dutchess County, New York, Hydrologic Unit 01100005, on right bank 0.1 mi downstream from Deuel Hollow Brook, 1.2 mi upstream from New York-Connecticut State line, 1.7 mi upstream from mouth, and 2.5 mi northwest of Gaylordsville.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--Discharge: October 1929 to September 1987, October 1991 to current year. Monthly discharge only for period October to December 1929, published in WSP 1301. Partial record site: October 1987 to September 1991. Water-quality records: Water years 1959, 1968, 1973-75, 1980. Daily water temperature: Water year 1959. Daily specific conductance: Water years 1958-59. Daily pH: Water years 1958-59. Daily iron: Water years 1958-59.

REVISED RECORDS.--WSP 1201: 1939. WSP 1701: 1955-56, 1957(M), 1958-59. WSP 1901: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 304.4 ft above sea level (levels by Connecticut Light and Power Company). Satellite telemetry at station.

REMARKS.--Records good, except for periods of estimated record, which are poor. Infrequent regulation at low flow.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 24	1245	1,520	4.54	Mar 29	2045	3,990	7.24
Jan 15	0900	*4,190	*7.42	Apr 3	1845	3,330	6.63

Minimum discharge, 9.9 ft³/s, Sep. 13, 14, gage height, 0.59 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	946	194	789	471	e289	322	1,600	323	150	146	54	26
2	786	181	1,050	449	e275	325	1,710	299	135	260	49	25
3	702	190	786	452	e265	295	3,140	302	128	172	44	23
4	595	187	675	810	e258	276	2,570	291	116	143	39	21
5	505	250	607	727	e268	273	1,820	273	106	120	37	19
6	439	237	550	656	e268	271	1,420	258	102	107	56	17
7	401	217	563	671	e275	274	1,170	249	110	94	53	16
8	370	196	690	710	e293	376	1,180	234	101	135	40	15
9	338	183	593	871	e309	319	1,020	225	92	247	35	14
10	312	174	675	730	530	314	859	210	89	206	33	12
11	286	170	756	686	551	301	765	196	102	167	31	12
12	267	170	675	660	435	299	707	186	121	144	31	11
13	250	186	616	751	392	277	659	175	101	146	28	10
14	238	188	576	2,570	364	271	616	170	89	142	27	10
15	242	185	502	e3,460	710	264	547	179	80	107	38	17
16	310	188	444	e2,130	762	266	461	207	86	91	42	20
17	292	181	429	e1,190	899	268	423	193	128	83	39	20
18	258	175	398	e822	692	283	386	177	130	100	34	25
19	387	169	383	e622	536	302	358	164	113	96	30	32
20	469	167	344	e552	509	318	338	154	101	113	29	23
21	355	195	315	e471	468	323	315	152	89	95	29	20
22	320	203	359	e447	448	398	295	146	79	81	28	18
23	301	188	e570	e441	430	447	298	151	74	76	25	16
24	273	183	e1,140	e447	396	425	385	156	67	72	22	14
25	254	253	916	e418	383	430	394	176	59	64	22	13
26	241	306	e683	e381	343	433	330	173	55	57	20	14
27	228	261	e545	e357	340	476	311	168	52	58	19	19
28	216	397	e497	e352	321	955	324	189	55	72	22	18
29	205	854	e476	e347	---	3,450	299	235	107	68	27	17
30	201	616	e466	e328	---	3,040	286	203	153	68	29	17
31	202	---	463	e308	---	2,020	---	170	---	61	28	---
TOTAL	11,189	7,244	18,531	24,287	12,009	18,291	24,986	6,384	2,970	3,591	1,040	534
MEAN	361	241	598	783	429	590	833	206	99.0	116	33.5	17.8
MAX	946	854	1,140	3,460	899	3,450	3,140	323	153	260	56	32
MIN	201	167	315	308	258	264	286	146	52	57	19	10
CFSM	1.78	1.19	2.94	3.86	2.11	2.91	4.10	1.01	0.49	0.57	0.17	0.09
IN.	2.05	1.33	3.40	4.45	2.20	3.35	4.58	1.17	0.54	0.66	0.19	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2005, BY WATER YEAR (WY)

MEAN	152	248	342	372	373	638	612	349	255	149	113	115
MAX	1,222	1,067	1,148	1,118	873	1,690	1,366	779	1,078	998	1,007	1,082
(WY)	(1956)	(1956)	(2004)	(1996)	(1976)	(1977)	(1983)	(1945)	(1984)	(1938)	(1955)	(1938)
MIN	15.7	21.5	56.4	38.1	94.7	156	197	124	48.2	17.8	13.9	10.8
(WY)	(1958)	(1965)	(1965)	(1981)	(1936)	(2002)	(1966)	(1941)	(1965)	(1957)	(1993)	(1957)

e Estimated

01200000 TENMILE RIVER NEAR GAYLORDSVILLE, CT—Continued

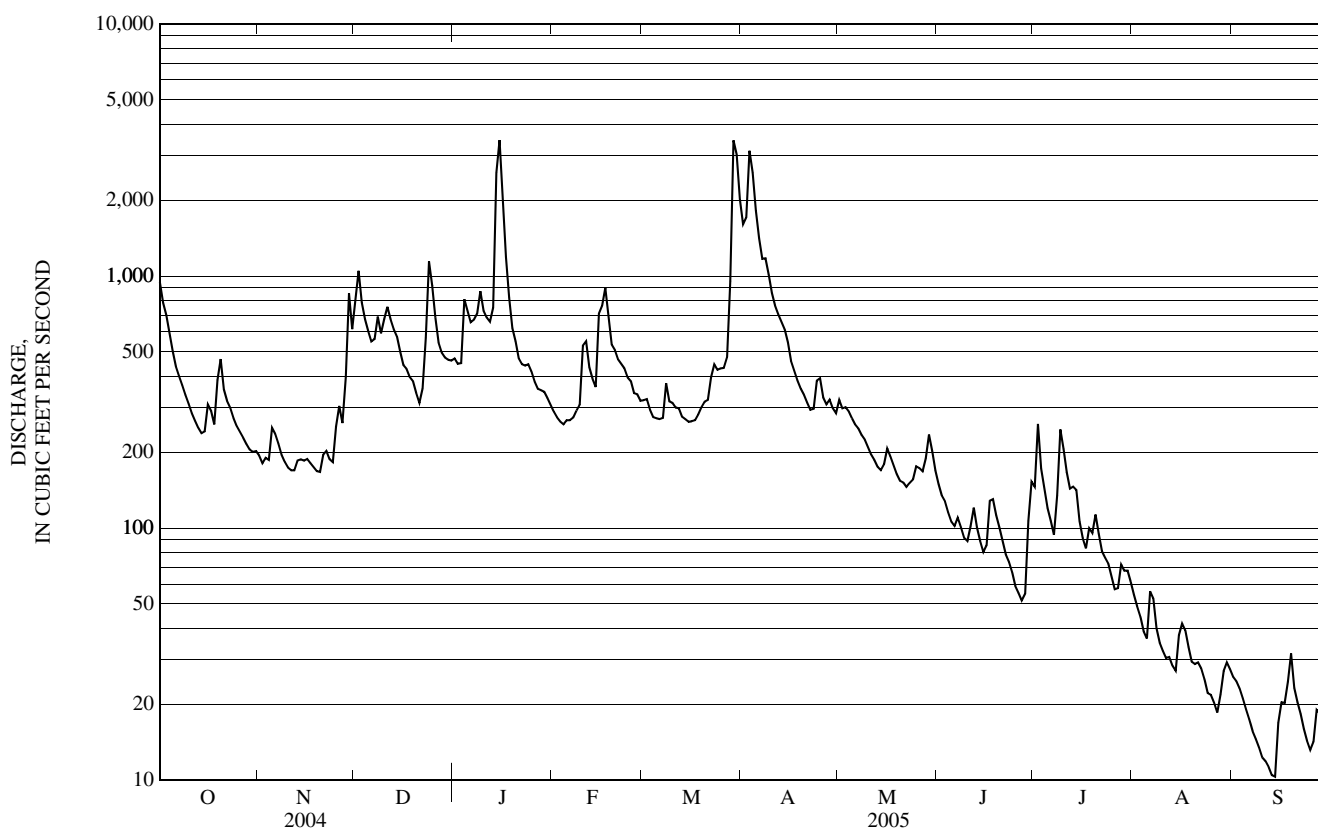
SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931 - 2005	
ANNUAL TOTAL	115,903		131,056		309	
ANNUAL MEAN	317		359		497	
HIGHEST ANNUAL MEAN					90.7	
LOWEST ANNUAL MEAN					10,700	
HIGHEST DAILY MEAN	1,530	Sep 19	e3,460	Jan 15	10,700	Aug 19, 1955
LOWEST DAILY MEAN	43	Jul 22	c10	Sep 13	7.0	Oct 7, 1957
ANNUAL SEVEN-DAY MINIMUM	51	Jul 16	12	Sep 8	8.0	Oct 1, 1957
MAXIMUM PEAK FLOW			4,190	Jan 15	a17,400	Aug 19, 1955
MAXIMUM PEAK STAGE			7.42	Jan 15	b14.90	Aug 19, 1955
INSTANTANEOUS LOW FLOW			9.9	Sep 13	5.0	Sep 8, 1957
ANNUAL RUNOFF (CFSM)	1.56		1.77		1.52	
ANNUAL RUNOFF (INCHES)	21.24		24.02		20.70	
10 PERCENT EXCEEDS	616		717		685	
50 PERCENT EXCEEDS	262		258		196	
90 PERCENT EXCEEDS	82		27		36	

a From rating curve extended above 9,000 ft³/s.

b From high water marks.

c Also occurred Sep. 14.

e Estimated



01200500 HOUSATONIC RIVER AT GAYLORDSVILLE, CT

LOCATION.--Lat 41° 39'11", long 73° 29'25", Litchfield County, Hydrologic Unit 01100005, on left bank 0.4 mi downstream from hydroelectric plant of Connecticut Light and Power Co., 0.5 mi upstream from bridge on U.S. Rt. 7 at Gaylordsville, 1.5 mi downstream from Tenmile River, and at mile 50.6.

DRAINAGE AREA.--996 mi².

PERIOD OF RECORD.--Discharge: October 1900 to December 1904 (fragmentary), January 1905 to December 1908 (gage heights only), January 1909 to December 1912 (fragmentary), January 1913 to October 1914 (gage heights only), November 1914 (fragmentary), July 1940 to current year. Water-quality records: Water years 1960, 1968. Daily water temperature: Water years 1960, 1968. Daily suspended-sediment discharge: Water years 1979-80.

REVISED RECORDS.--WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 236.78 ft above sea level. October 1900 to November 1914, nonrecording gage on covered bridge 0.6 mi downstream at different datum. Satellite telemetry at station.

REMARKS.--Records good, including periods of estimated record. Ordinary flow regulated by power plant upstream. High flow is regulated by flood-control reservoirs in 20.5 mi² of the Blackberry River Basin, but flood control does not appreciably affect monthly runoff or the peak flows at the gaging station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1854 reached a stage of 21 ft 3 in, former site and datum; reported by observer in 1902. Flood of Sept. 22, 1938, reached a stage of 14.5 ft, from floodmarks, at present site, discharge, 37,000 ft³/s, by computation of peak flow over dam 2.5 mi upstream adjusted for flow from intervening area.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 30	0145	6,510	7.07	Apr 3	2045	*14,100	*10.23
Jan 15	0430	11,900	9.41	Apr 7	1000	7,620	7.62
Mar 30	1030	11,600	9.31				

Minimum discharge, 97 ft³/s, Sept. 7, gage height, 0.91 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,550	1,190	3,670	2,140	1,850	1,510	9,210	1,940	949	1,270	520	296
2	4,270	1,050	4,530	2,040	1,790	1,520	9,370	1,930	877	1,320	402	319
3	3,370	1,070	3,990	2,000	1,700	1,420	13,400	1,930	823	967	339	301
4	2,810	1,070	3,370	2,980	1,500	1,310	13,300	1,870	775	751	287	257
5	2,410	1,300	2,880	3,220	1,480	1,370	11,900	1,740	708	620	279	222
6	2,150	1,380	2,570	2,950	1,450	1,360	9,700	1,570	684	561	313	198
7	1,900	1,340	2,460	2,710	1,380	1,320	7,530	1,460	691	532	294	149
8	1,750	1,250	2,760	2,710	1,450	1,550	6,730	1,370	686	734	266	160
9	1,620	1,130	2,770	2,850	1,480	1,450	5,980	1,320	636	955	249	157
10	1,500	1,160	2,890	2,550	2,140	1,470	5,230	1,270	596	884	228	151
11	1,420	1,070	3,160	2,370	2,780	1,480	4,410	1,190	576	779	226	152
12	1,370	1,050	3,080	2,300	2,550	1,470	3,660	1,140	591	681	223	150
13	1,290	1,080	2,940	2,650	2,210	1,360	3,190	1,100	568	660	177	136
14	1,220	1,070	2,710	7,530	1,910	1,330	2,880	1,040	532	659	216	127
15	1,260	1,080	2,390	e9,800	2,670	1,300	2,590	1,020	511	573	296	154
16	1,570	1,080	2,020	8,300	3,260	1,270	2,350	1,100	524	513	514	172
17	1,700	1,070	1,940	6,670	4,040	1,240	2,140	1,050	678	571	571	176
18	1,560	1,040	1,840	4,560	3,670	1,240	1,980	978	808	572	419	251
19	1,840	1,010	1,770	3,160	3,000	1,250	1,790	913	928	648	348	203
20	2,120	982	1,560	3,380	2,630	1,290	1,660	879	814	862	313	216
21	2,030	1,040	1,320	3,140	2,430	1,290	1,600	846	672	675	287	175
22	1,890	1,090	1,540	2,770	2,290	1,470	1,530	834	576	566	297	157
23	1,730	1,090	2,060	2,750	2,100	1,710	1,470	878	527	531	255	151
24	1,580	1,060	4,790	2,830	1,880	1,710	2,010	961	504	639	240	162
25	1,480	1,340	4,240	2,840	1,770	1,650	2,330	1,080	427	522	214	145
26	1,380	1,770	3,330	2,660	1,610	1,630	2,250	1,150	425	441	194	140
27	1,310	1,680	2,720	2,440	1,590	1,760	1,990	1,210	404	438	182	157
28	1,260	1,820	2,070	2,400	1,520	2,790	1,880	1,230	422	413	201	168
29	1,190	3,290	2,100	2,320	---	7,850	1,860	1,300	539	362	228	171
30	1,130	3,400	2,310	2,100	---	e11,500	1,850	1,190	1,060	364	247	173
31	1,100	---	2,190	2,010	---	10,200	---	1,060	---	332	253	---
TOTAL	58,760	40,052	83,970	105,130	60,130	71,070	137,770	38,549	19,511	20,395	9,078	5,546
MEAN	1,895	1,335	2,709	3,391	2,148	2,293	4,592	1,244	650	658	293	185
MAX	5,550	3,400	4,790	9,800	4,040	11,500	13,400	1,940	1,060	1,320	571	319
MIN	1,100	982	1,320	2,000	1,380	1,240	1,470	834	404	332	177	127
CFSM	1.90	1.34	2.72	3.40	2.16	2.30	4.61	1.25	0.65	0.66	0.29	0.19
IN.	2.19	1.50	3.14	3.93	2.25	2.65	5.15	1.44	0.73	0.76	0.34	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2005, BY WATER YEAR (WY)

MEAN	966	1,443	1,812	1,855	1,843	3,007	3,498	2,170	1,465	869	732	671
MAX	4,500	5,024	5,064	6,599	4,398	6,529	6,685	5,079	4,538	3,323	4,433	2,487
(WY)	(1956)	(1956)	(2004)	(1949)	(1976)	(1977)	(1993)	(1989)	(1984)	(1972)	(1955)	(2004)
MIN	203	203	411	288	592	1,037	972	810	389	236	213	153
(WY)	(1965)	(1965)	(1965)	(1981)	(1980)	(1965)	(1985)	(1965)	(1964)	(1965)	(1964)	(1995)

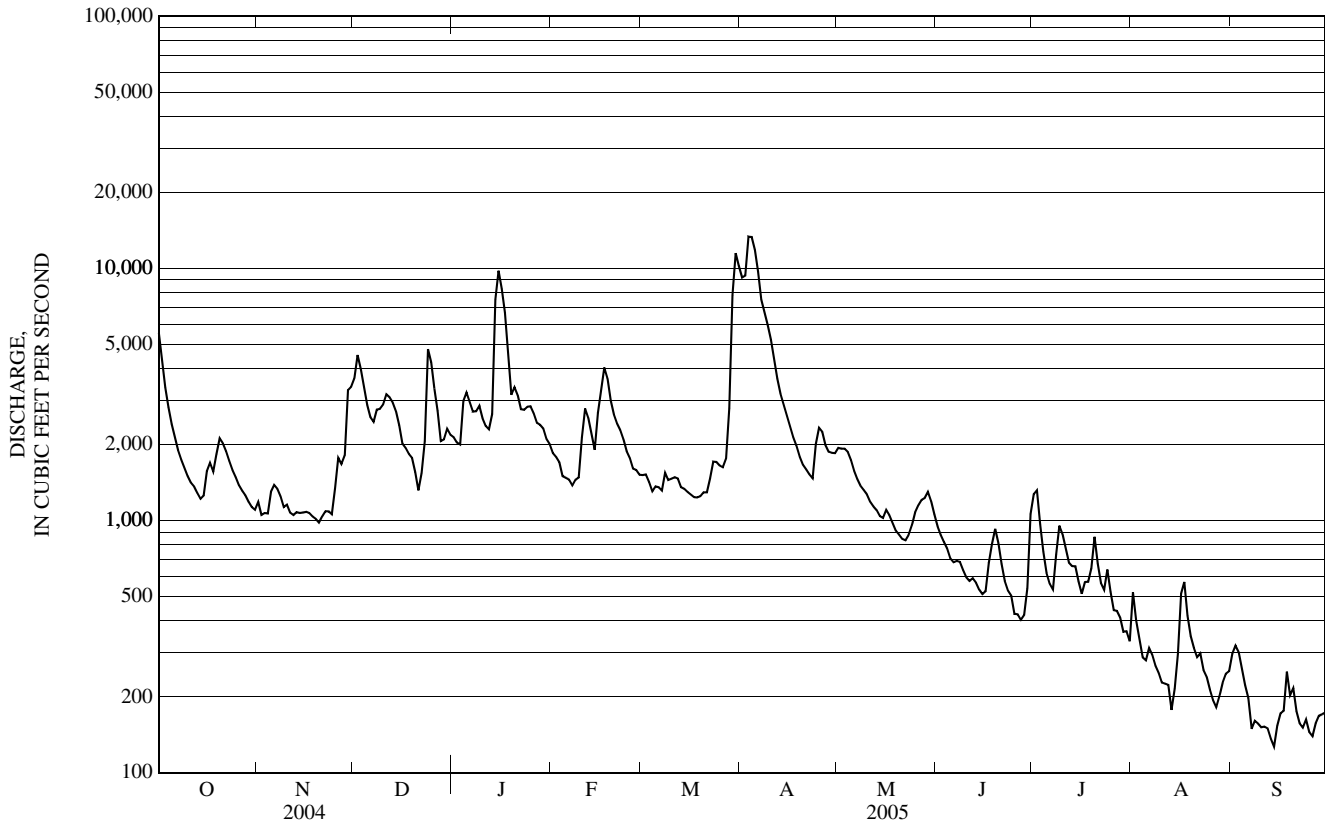
e Estimated

01200500 HOUSATONIC RIVER AT GAYLORDSVILLE, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1941 - 2005	
ANNUAL TOTAL	645,294		649,961		1,692	
ANNUAL MEAN	1,763		1,781		572	
HIGHEST ANNUAL MEAN					2,557	
LOWEST ANNUAL MEAN					196	
HIGHEST DAILY MEAN	7,960	Sep 19	13,400	Apr 3	38,800	Aug 19, 1955
LOWEST DAILY MEAN	328	Jul 22	127	Sep 14	a60	Aug 31, 1944
ANNUAL SEVEN-DAY MINIMUM	404	Jul 17	147	Sep 9	104	Aug 18, 1981
MAXIMUM PEAK FLOW			14,100	Apr 3	51,800	Aug 19, 1955
MAXIMUM PEAK STAGE			10.23	Apr 3	18.58	Aug 19, 1955
INSTANTANEOUS LOW FLOW			97	Sep 7	b30	Oct 28, 1914
ANNUAL RUNOFF (CFSM)	1.77		1.79		1.70	
ANNUAL RUNOFF (INCHES)	24.10		24.28		23.09	
10 PERCENT EXCEEDS	3,340		3,240		3,670	
50 PERCENT EXCEEDS	1,420		1,320		1,160	
90 PERCENT EXCEEDS	650		244		331	

a Also occurred Sep. 20, 1949.

b Site and datum then in use.



01200600 HOUSATONIC RIVER NEAR NEW MILFORD, CT

LOCATION.--Lat 41°35'35", long 73°27'00", Litchfield County, Hydrologic Unit 01100005, at Boardman Bridge, 2.3 mi northwest of New Milford, 6.9 mi downstream from Tennile River, 1.9 mi upstream from Aspetuck River and 4.7 mi upstream from Still River.

DRAINAGE AREA.--1,022 mi².

PERIOD OF RECORD.--Water years 1962, 1963, 1974 to 1991, 1995 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 01...	1300	1,630	1.2	12.0	111	8.7	329	14.0	12.0	140	36.5	12.6	1.76
JAN 04...	1330	3,600	5.3	13.0	98	7.9	274	8.5	4.0	110	26.4	9.64	1.36
APR 03...	1400	--	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	0915	1,040	1.5	10.3	103	8.2	336	15.5	15.5	140	33.1	13.0	1.49
JUN 16...	0930	500	--	7.4	86	8.2	379	18.0	22.0	--	--	--	--
JUL 19...	1030	606	6.5	8.4	105	8.4	341	34.5	26.0	140	32.6	13.4	1.95
AUG 09...	1100	254	3.9	8.1	100	8.4	379	24.5	26.0	--	--	--	--
SEP 08...	1045	180	--	8.9	103	8.6	431	23.0	22.5	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat fltrd incrm. titr., field, mg/L (00453)	Carbonate, wat fltrd incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
NOV 01...	15.2	125	146	3	23.4	<.1	4.62	9.6	182	185	.17	.22	<.04
JAN 04...	10.9	98	120	--	17.1	<.1	5.71	8.8	153	146	.13	.26	<.04
APR 03...	--	--	--	--	--	--	--	--	--	--	.34	.52	E.03n
MAY 19...	15.3	112	137	.0	26.7	<.1	1.55	8.8	188	188	.25	.27	<.04
JUN 16...	--	--	--	--	28.9	--	--	--	--	--	.48	.38	E.02n
JUL 19...	17.4	120	142	2	29.2	E.1n	3.73	8.4	203	183	.25	.44	<.04
AUG 09...	--	--	--	--	--	--	--	--	--	--	.60	.51	<.04
SEP 08...	--	--	--	--	--	--	--	--	--	--	.52	.46	<.04

01200600 HOUSATONIC RIVER NEAR NEW MILFORD, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, water, unfltrd mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/100 mL (90902)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)
NOV 01...	.28	E.005n	.49	<.02	.011	.023	6.2	14k	34	--	7	<.20	14
JAN 04...	.41	<.008	.67	<.02	.014	.043	4.7	130	460k	--	8	<.20	12
APR 03...	.27	<.008	.79	<.02	.015	.137	--	--	--	--	--	--	--
MAY 19...	.20	<.008	.47	<.02	.005	.016	6.6	27	33	2.3	7	<.20	16
JUN 16...	.41	.009	.79	<.02	.007	.033	--	--	--	7.3	--	--	--
JUL 19...	<.06	<.008	--	<.02	.009	.045	5.0	240	580	10.7	3	<.20	16
AUG 09...	E.05n	<.008	--	<.02	<.04	E.03n	--	--	--	--r	--	--	--
SEP 08...	.23	E.004n	.70	<.02	.007	.024	--	--	--	13.6	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Beryllium, water, fltrd, ug/L (01010)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
NOV 01...	<.06	<.04	<.8	.141	.7	75	E.06n	9.8	E.3n	.81	<.2	.6	.45
JAN 04...	<.06	<.04	<.8	.138	.5	27	<.08	13.9	<.4	.45	<.2	E.5n	.35
APR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	<.06	<.04	<.8	.182	1.1	39	.08	8.2	.4	.49	<.2	1.6	.48
JUN 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 19...	<.06	<.04	<.8	.175	1.0	15	<.08	2.7	.7	1.35	<.2	E.4n	.45
AUG 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 08...	--	--	--	--	--	--	--	--	--	--	--	--	--

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

Null value qualifier codes used in this table:

r -- Sample ruined in preparation

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT

LOCATION.--Lat 41° 27'58", long 73° 24'13", Litchfield County, Hydrologic Unit 01100005, on bridge on upstream side of State Rt. 7 South, 800 ft upstream from Silvermile Rd.

DRAINAGE AREA.--62.3 mi².

PERIOD OF RECORD.--November 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 256.18 ft above sea level. Satellite telemetry at station.

REMARKS.--Records fair, except those for periods of estimated record, which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,640 ft³/s, Apr. 3, gage height, 13.28 ft; minimum discharge, 13 ft³/s, on several days, gage height, 5.99 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	201	51	354	133	e108	118	293	166	52	69	25	48
2	154	51	394	122	e107	122	497	130	48	141	28	28
3	130	50	213	126	e105	110	1,400	148	46	59	37	24
4	111	56	167	309	110	e105	808	117	47	41	32	22
5	99	140	144	208	117	e104	514	105	43	35	35	20
6	91	83	128	192	117	102	370	96	50	118	33	20
7	85	66	168	192	119	112	289	94	59	83	25	19
8	80	58	243	276	121	179	415	90	43	155	21	18
9	77	54	166	333	127	e155	290	86	42	202	23	17
10	72	57	252	224	195	e130	225	88	37	82	27	19
11	69	51	274	203	169	116	194	78	37	57	24	18
12	65	59	190	211	130	120	179	73	35	52	25	18
13	61	97	155	224	117	115	167	68	35	60	28	17
14	69	79	135	718	117	109	148	68	33	61	26	18
15	133	67	120	746	625	112	133	80	32	40	61	52
16	173	62	e114	357	338	117	126	78	45	38	35	26
17	93	58	109	e317	290	120	120	75	89	43	26	45
18	69	59	e101	e226	205	123	119	68	48	188	22	33
19	227	57	98	e217	e165	125	113	71	38	576	23	25
20	168	61	e94	190	e146	126	104	62	35	128	22	24
21	104	115	e90	e172	146	132	98	58	32	73	24	23
22	85	86	85	e159	147	134	92	72	31	54	20	21
23	73	72	206	e167	144	134	122	69	30	52	21	22
24	67	74	620	e167	132	161	341	67	28	42	20	20
25	65	128	e244	e156	129	175	183	86	27	40	18	19
26	65	111	e174	e147	e121	165	133	76	26	44	18	21
27	58	82	e160	e140	e114	160	139	68	26	46	18	30
28	55	271	e143	e137	110	354	178	81	56	47	57	22
29	54	445	136	e130	---	1,150	129	60	86	42	38	33
30	55	207	133	124	---	578	125	67	119	40	27	32
31	54	---	132	e114	---	371	---	57	---	27	39	---
TOTAL	2,962	2,907	5,742	7,137	4,571	5,934	8,044	2,602	1,355	2,735	878	754
MEAN	95.5	96.9	185	230	163	191	268	83.9	45.2	88.2	28.3	25.1
MAX	227	445	620	746	625	1,150	1,400	166	119	576	61	52
MIN	54	50	85	114	105	102	92	57	26	27	18	17
CFSM	1.53	1.56	2.97	3.70	2.62	3.07	4.30	1.35	0.72	1.42	0.45	0.40
IN.	1.77	1.74	3.43	4.26	2.73	3.54	4.80	1.55	0.81	1.63	0.52	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	106	142	179	139	116	170	192	112	119	71.5	69.2	99.4
MAX	154	200	346	230	163	264	268	132	244	88.2	122	163
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2003)	(2005)	(2002)	(2003)	(2005)	(2003)	(2004)
MIN	69.0	96.9	42.1	43.0	56.4	85.9	76.8	83.9	45.2	41.5	28.3	25.1
(WY)	(2003)	(2005)	(2002)	(2002)	(2002)	(2002)	(2002)	(2005)	(2005)	(2002)	(2005)	(2005)
e Estimated												

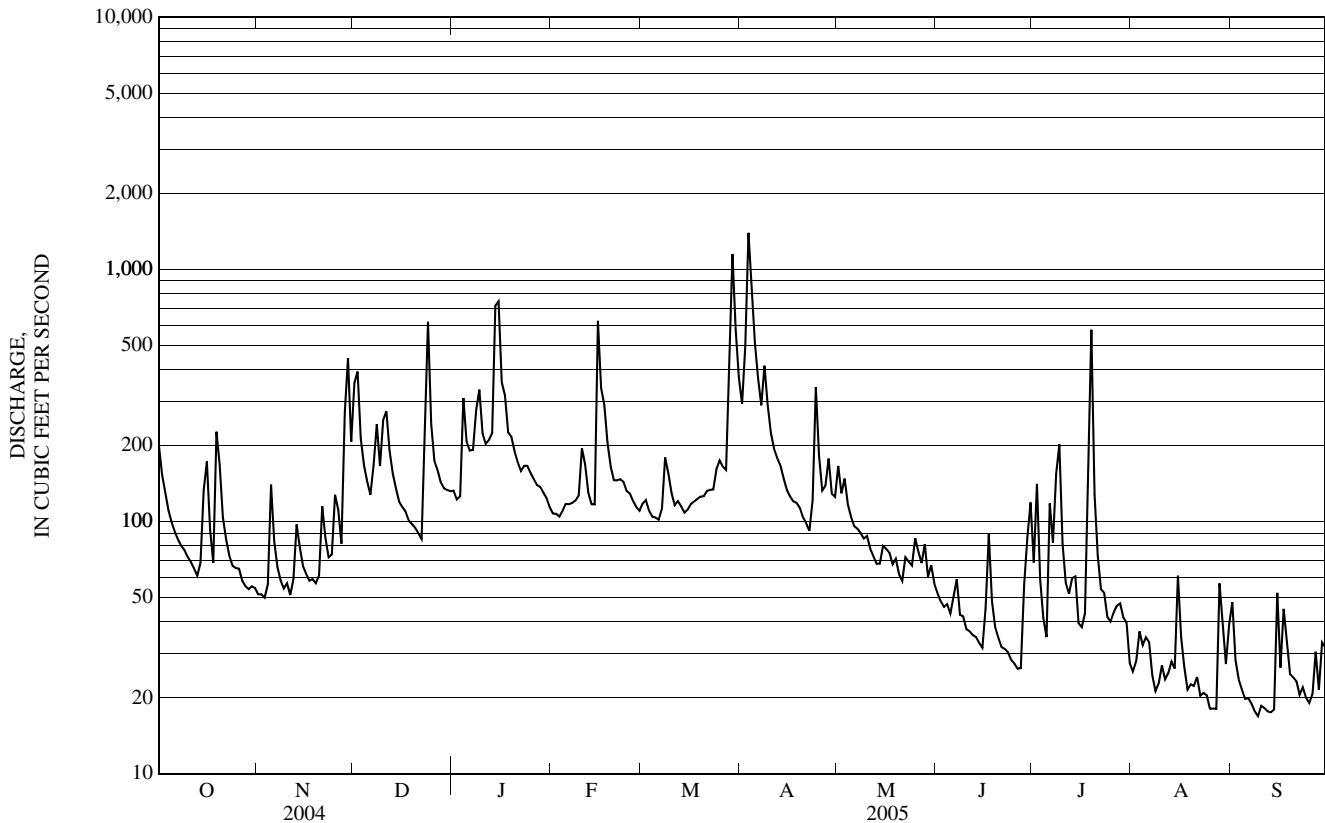
e Estimated

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	45,771		45,621		142	
ANNUAL MEAN	125		125		152	
HIGHEST ANNUAL MEAN					125	
LOWEST ANNUAL MEAN					125	
HIGHEST DAILY MEAN	976	Apr 14	1,400	Apr 3	1,400	Apr 3, 2005
LOWEST DAILY MEAN	28	Jul 11	a17	Sep 9	17	Sep 9, 2005
ANNUAL SEVEN-DAY MINIMUM	32	Jul 16	18	Sep 8	18	Sep 8, 2005
MAXIMUM PEAK FLOW			1,640	Apr 3	1,640	Apr 3, 2005
MAXIMUM PEAK STAGE			13.28	Apr 3	13.33	Sep 18, 2004
INSTANTANEOUS LOW FLOW			13	Aug 26	b13	Aug 28, 2002
ANNUAL RUNOFF (CFSM)	2.01		2.01		2.27	
ANNUAL RUNOFF (INCHES)	27.33		27.24		30.89	
10 PERCENT EXCEEDS	223		225		278	
50 PERCENT EXCEEDS	97		92		106	
90 PERCENT EXCEEDS	41		25		38	

a Also occurred Sep. 13.

b Also occurred several days in 2005.



01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT—Continued

PERIOD OF RECORD.--October 1983 to current year.

REMARKS.--Water-quality records for this site published under station 01201485 from water year 1984 to water year 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 corrtcd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 02...	1200	47	1.1	9.6	88	7.7	542	13.5	11.5	180	48.4	15.3	6.38
JAN 27...	1400	177	5.5	12.9	87	7.6	456	-10.0	.0	150	38.1	13.0	3.51
MAR 16...	1330	113	2.5	13.3	104	7.7	529	6.5	4.5	160	41.4	13.8	3.44
APR 03...	1430	1,610	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	1145	69	3.2	8.8	88	7.9	500	19.5	15.5	160	40.5	14.0	4.46
JUN 16...	1145	26	3.6	6.9	75	7.9	744	19.5	18.5	200	51.0	17.0	8.32
JUL 19...	1300	631	20	55.6	572	7.4	188	E34.5	24.5	61	16.4	4.85	3.47
AUG 09...	1245	18	1.3	8.8	105	8.1	722	24.0	24.0	190	50.9	16.0	10.2
SEP 08...	1200	14	1.2	8.2	92	7.9	712	25.0	20.5	200	52.0	16.5	10.8

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unf mg/L (00500)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
NOV 02...	37.1	133	162	--	59.3	.2	9.89	21.0	298	296	.49	.60	E.02n
JAN 27...	32.7	112	137	--	56.4	E.1n	10.8	18.6	268	251	.39	.42	.08
MAR 16...	40.9	111	135	--	75.5	.1	8.62	18.0	287	284	.40	.44	.07
APR 03...	--	--	--	--	--	--	--	--	--	--	.41	.49	.07
MAY 19...	33.2	106	130	--	62.7	.1	7.42	18.3	303	288	.55	.60	.07
JUN 16...	60.4	122	149	--	111	.3	9.94	29.2	436	420	.83	.88	.09
JUL 19...	10.3	45	55	--	17.0	<.1	5.16	8.7	164	116	.55	.76	.06
AUG 09...	53.1	98	120	.0	108	.4	6.67	30.9	440	423	.71	.64	E.04n
SEP 08...	54.9	100	122	--	101	.4	7.49	36.4	460	406	.97	.84	E.03n

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, unfltrd mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/100 mL (90902)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)
NOV 02...	6.12d	.019	--	6.7	.49	.54oc	.53oc	5.8	12000k	21000k	--	5	E.19n
JAN 27...	2.27	E.007n	.35	2.7	.14	.164	.24oc	5.7	140	260	--	4	E.15n
MAR 16...	2.37	.032	.38	2.8	.15	.179	.22oc	5.6	17k	40	--	7	E.15n
APR 03...	.61	.014	.42	1.1	.03	.059	.127	--	--	--	--	--	--
MAY 19...	3.70	.022	.53	4.3	.07	.098	.173	6.5	42k	48k	2.5	8	E.15n
JUN 16...	9.40d	.057	.79	10	.19	.21oc	.28oc	7.5	230	210	4.6	7	.32
JUL 19...	.92	.017	.70	1.7	.07	.11	.23	8.8	36000k	60000k	3.8	13	.34
AUG 09...	13.1d	.035	--	14	.16	.18	.20	4.8	290	450	7.6	10	.39
SEP 08...	14.2d	.026	--	15	.31	.35	.38	7.6	260	400	3.0	10	.33

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)
NOV 02...	30	<.06	E.03n	<.8	.274	3.1	71	.11	45.1	3.1	1.64	<.2	7.5
JAN 27...	29	<.06	<.04	<.8	.190	1.7	22	.12	59.6	1.8	.80	<.2	6.7
MAR 16...	27	<.06	<.04	E.5n	.251	1.5	16	.12	74.2	1.4	2.23	<.2	5.7
APR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	28	<.06	E.03n	<.8	.248	3.1	80	.15	79.1	2.7	.98	<.2	9.7
JUN 16...	32	<.06	.06	<.8	.373	4.6	57	.20	90.9	15.7	3.64	<.2	10.2
JUL 19...	18	<.06	<.04	<.8	.119	3.0	78	.25	50.2	1.4	1.21	<.2	2.4
AUG 09...	29	<.06	.06	<.8	.232	6.3	43	.21	49.7	8.4	2.84	<.2	7.8
SEP 08...	27	<.06	.06	.25oc	.280	6.6	34	.19	52.5	10.6	2.56	<.2	12.3

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Uranium natural water, fltrd, ug/L (22703)
NOV 02...	1.04
JAN 27...	.94
MAR 16...	.88
APR 03...	--
MAY 19...	.95
JUN 16...	.97
JUL 19...	.13
AUG 09...	.79
SEP 08...	.63

Remark codes used in
this table:

< -- Less than.
E -- Estimated.
S -- Most probable
value.

Value qualifier codes
used in this table:

c -- See laboratory
comment
d -- Diluted
sample: method hi
range exceeded
k -- Counts outside
acceptable range
n -- Below the LRL
and above the LT-
MDL
o -- Result
determined by
alternate method

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT—Continued

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01202501 SHEPAUG RIVER AT PETER'S DAM AT WOODVILLE, CT

LOCATION.--Lat 41° 71' 92", long 73° 29' 33", Litchfield County, Hydrologic Unit 01100005, on upstream side of Peter's Dam, 0.2 mi downstream from Shepaug Reservoir Dam, at end of Reservoir Rd., 1 mi north of Woodville.

DRAINAGE AREA.--38.1 mi².

PERIOD OF RECORD.--August 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Satellite telemetry at station.

REMARKS.--Records fair, except for periods of estimated record, which are poor. Flow regulated by Shepaug Reservoir.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,050 ft³/s, Apr. 3, gage height, 3.67 ft; minimum discharge, 5.4 ft³/s, on several days, gage height, 0.96 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	114	53	123	85	e33	40	208	91	29	8.9	9.4	6.1
2	84	45	164	80	e33	34	354	82	24	9.0	9.5	6.1
3	72	63	100	72	e32	21	864	91	21	9.2	9.6	5.8
4	59	97	74	154	35	18	484	74	19	9.1	9.7	5.7
5	49	139	62	127	34	17	296	62	18	9.1	10	5.8
6	38	128	54	80	35	17	208	54	17	9.4	9.7	5.8
7	35	125	55	67	30	18	165	52	17	9.3	9.5	5.9
8	38	111	85	73	22	32	173	50	16	11	7.9	5.9
9	44	96	81	95	24	32	145	42	14	51	8.4	6.1
10	45	86	101	81	59	31	101	40	15	39	9.8	6.1
11	42	81	122	83	71	34	89	39	24	18	9.9	6.2
12	38	80	102	83	47	42	79	42	47	9.4	9.9	6.2
13	31	83	84	80	35	41	72	34	34	8.7	9.5	6.3
14	31	79	74	530	28	39	68	31	25	8.5	9.7	6.3
15	47	76	60	349	131	32	62	34	19	8.6	9.1	6.7
16	93	76	52	180	153	24	57	49	19	8.6	8.6	6.9
17	77	76	52	137	136	24	54	43	30	8.6	8.1	6.6
18	56	70	48	e86	91	24	51	36	27	9.0	7.7	6.5
19	111	61	48	e78	63	26	47	33	22	9.5	7.3	6.3
20	125	60	49	e72	54	29	45	30	18	9.6	7.5	6.1
21	83	68	40	e69	52	30	47	28	15	9.2	7.6	6.0
22	64	67	39	e62	50	43	42	29	14	9.2	7.3	5.8
23	54	64	100	e56	48	59	45	30	13	9.0	7.0	5.7
24	49	63	345	e54	43	61	145	37	12	9.0	6.8	5.7
25	46	99	153	e47	43	55	127	66	11	8.9	6.4	5.7
26	45	100	97	e42	39	53	87	63	11	8.9	6.0	5.6
27	51	81	79	e37	39	58	79	63	11	9.2	5.9	5.6
28	59	123	67	e37	37	150	82	61	9.4	9.2	6.2	5.6
29	52	163	91	e36	---	686	73	46	8.6	9.2	5.9	5.8
30	51	82	88	e35	---	366	69	40	8.7	9.3	6.0	5.7
31	54	---	82	e33	---	247	---	33	---	9.4	6.2	---
TOTAL	1,837	2,595	2,771	3,100	1,497	2,383	4,418	1,505	568.7	364.0	252.1	180.6
MEAN	59.3	86.5	89.4	100	53.5	76.9	147	48.5	19.0	11.7	8.13	6.02
MAX	125	163	345	530	153	686	864	91	47	51	10	6.9
MIN	31	45	39	33	22	17	42	28	8.6	8.5	5.9	5.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

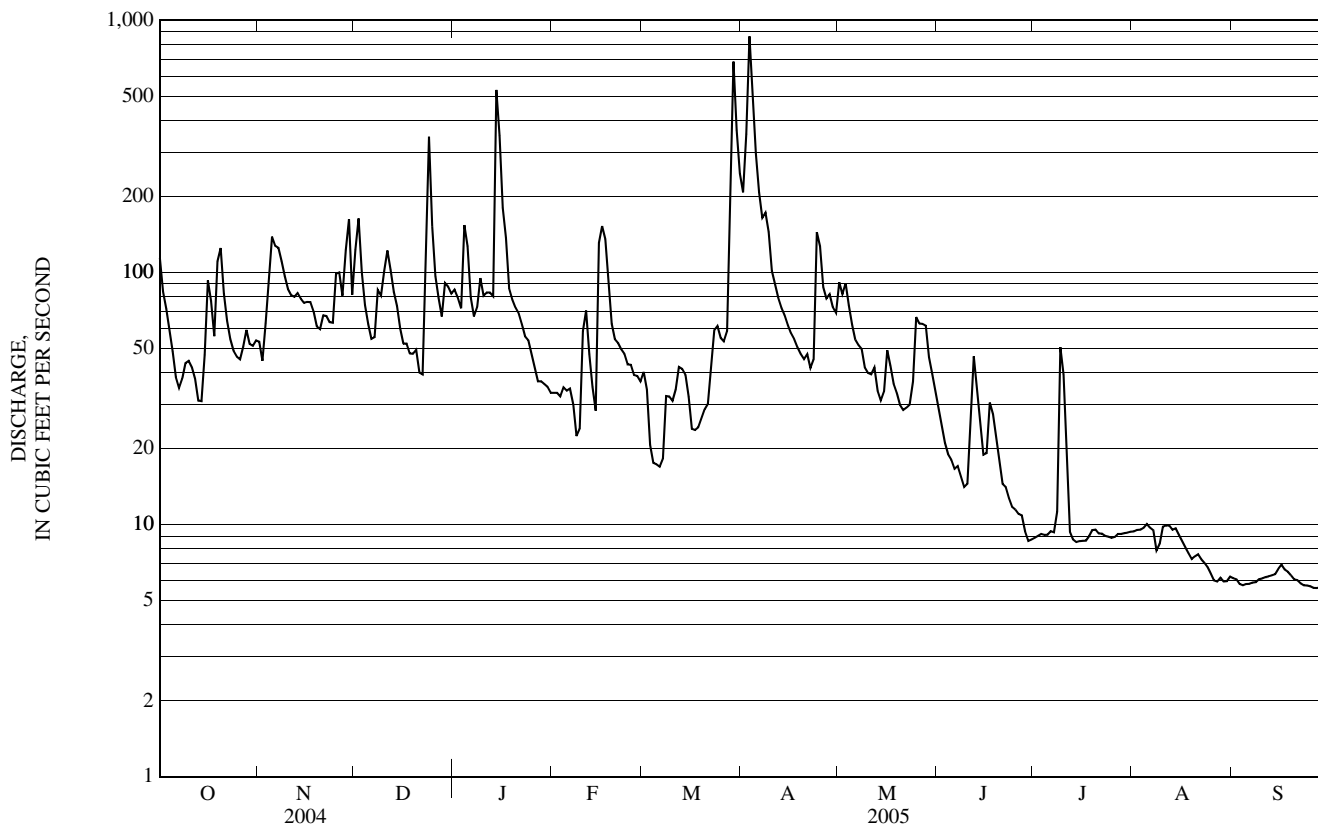
	MEAN	MAX	MIN	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)
2001	42.2	130	5.31	(2004)	58.4	128	3.78	(2002)	76.3	169	4.33	(2002)
2002	43.0	100	4.55	(2005)	43.0	100	4.55	(2002)	29.4	53.5	6.26	(2002)
2003	71.0	121	23.8	(2003)	71.0	121	23.8	(2003)	29.4	53.5	6.26	(2002)
2004	98.8	160	38.4	(2001)	98.8	160	38.4	(2001)	45.3	63.4	8.31	(2004)
2005	45.3	63.4	32.5	(2002)	45.3	63.4	32.5	(2002)	60.9	94.8	6.35	(2002)
2006	60.9	94.8	19.0	(2005)	60.9	94.8	19.0	(2005)	10.1	11.7	8.31	(2004)
2007	10.1	11.7	8.31	(2004)	10.1	11.7	8.31	(2004)	15.2	33.2	6.35	(2002)
2008	15.2	33.2	6.35	(2002)	15.2	33.2	6.35	(2002)	39.9	110	5.30	(2002)

e Estimated

01202501 SHEPAUG RIVER AT PETER'S DAM AT WOODVILLE, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	19,880.4		21,471.4		49.2	
ANNUAL MEAN	54.3		58.8		70.4	
HIGHEST ANNUAL MEAN					22.3	
LOWEST ANNUAL MEAN					864	
HIGHEST DAILY MEAN	504	Sep 18	864	Apr 3	864	Apr 3, 2005
LOWEST DAILY MEAN	4.8	Aug 11	5.6	Sep 26	3.6	Dec 8, 2001
ANNUAL SEVEN-DAY MINIMUM	6.6	Aug 6	5.7	Sep 22	3.7	Nov 8, 2001
MAXIMUM PEAK FLOW			1,050	Apr 3	1,050	Apr 3, 2005
MAXIMUM PEAK STAGE			3.67	Apr 3	3.67	Apr 3, 2005
INSTANTANEOUS LOW FLOW			5.4	Sep 4	3.4	Aug 10, 2004
10 PERCENT EXCEEDS	106		112		113	
50 PERCENT EXCEEDS	42		42		27	
90 PERCENT EXCEEDS	7.6		6.8		5.6	

a Also occurred Sep. 27, 28.



01203000 SHEPAUG RIVER NEAR ROXBURY, CT

LOCATION.--Lat 41° 32'59", long 73° 19'49", Litchfield County, Hydrologic Unit 01100005, on right bank at downstream side of Wellers Bridge 0.5 mi south of Roxbury Station, 1.2 mi southwest of village of Roxbury, and 2.4 mi upstream from Jacks Brook.

DRAINAGE AREA.--132 mi².

PERIOD OF RECORD.--Water years 1953-54, 1959, 1974 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1958 to September 1959.

REMARKS.--Records of daily discharge from October 1930 to September 1971 in reports of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum, 25.0° C Aug. 17, 1959; minimum, 0.0° C Dec. 14, 1958.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 02...	1000	156	1.1	11.7	102	7.8	123	9.0	9.0	46	11.2	4.24	1.55
JAN 27...	1100	474	1.5	15.1	103	7.0	120	-10.0	.0	39	9.62c	3.75c	1.17c
MAR 16...	1015	146	1.1	14.0	101	7.4	133	4.0	1.5	41	10.0	3.88	1.30
MAY 12...	0900	176	1.2	10.3	103	7.4	117	16.0	15.5	40	9.66	3.77	1.26
JUN 29...	0930	55	2.6	8.8	104	7.2	134	26.5	28.0	45	11.1	4.08	1.60
JUL 18...	0900	66	2.1	8.3	98	7.6	143	29.5	23.0	48	11.8	4.36	1.58
AUG 09...	0930	24	1.9	8.3	97	7.4	144	24.0	23.0	48	11.9	4.30	1.76
SEP 08...	0845	12	1.5	8.8	95	7.7	140	20.0	18.5	48	12.5	4.18	1.85

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd (00500)	Residue on evap. at 180degC wat flt (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)
NOV 02...	6.07	37	45	8.90	<.1	4.56	6.1	72	64	.19	.23	<.04	E.05n
JAN 27...	6.43	31	38	9.30	<.1	6.63c	7.4	62	64	.24	.22	E.04n	.25
MAR 16...	8.03	30	37	12.7	<.1	6.98	7.8	71	71	.25	.25	.05	.35
MAY 12...	6.63	28	35	10.3	<.1	2.81	6.6	70	63	.23	.20	<.04	<.06
JUN 29...	7.46	36	44	11.2	<.1	4.69	6.7	86	82	.31	.31	E.03n	.21
JUL 18...	7.58	40	49	11.5	<.1	2.85	5.9	88	82	.31	.30	<.04	.10
AUG 09...	7.48	40	48	11.8	E.1n	1.07	6.2	82	80	.35	.30	<.04	E.04n
SEP 08...	7.42	39	47	11.1c	E.1n	1.31	7.3	82	87	.40	.27	<.04	.06

01203000 SHEPAUG RIVER NEAR ROXBURY, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, ftrd, mg/L as N (00613)	Organic nitro- gen, water, unfltrd mg/L (00605)	Total nitro- gen, water, unfltrd mg/L (00600)	Ortho- phos- phate, water, ftrd, mg/L as P (00671)	Phos- phorus, water, ftrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Fecal coli- form, M-FC 0.45uMF col/ 100 mL (31616)	Alum- inum, water, ftrd, ug/L (01106)	Anti- mony, water, ftrd, ug/L (01095)	Barium, water, ftrd, ug/L (01005)	Beryll- ium, water, ftrd, ug/L (01010)
NOV 02...	E.006n	--	--	<.02	.011	.016	4.6	16k	13	7	<.20	11	<.06
JAN 27...	<.008	--	.46	<.02	.008	.018	3.5	57	50	12	<.20	9	<.06
MAR 16...	<.008	.20	.60	<.02	.013	.021	3.5	4k	10k	10	<.20	9	<.06
MAY 12...	<.008	--	--	<.02	.007	.015	4.1	20	29	12	<.20	11	<.06
JUN 29...	E.004n	--	.52	E.01n	.030	.050	4.6	140	110	14	<.20	11	<.06
JUL 18...	<.008	--	.40	<.02	.023	.041	4.4	61	88	11	<.20	13	<.06
AUG 09...	<.008	--	--	<.02	.023	.037	4.0	190k	170k	12	<.20	11	<.06
SEP 08...	<.008	--	.33	<.02	.020	.031	3.8	59	74k	12	<.20	12	<.06

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cadmium water, ftrd, ug/L (01025)	Chrom- ium, water, ftrd, ug/L (01030)	Cobalt water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)	Iron, water, ftrd, ug/L (01046)	Lead, water, ftrd, ug/L (01049)	Mangan- ese, water, ftrd, ug/L (01056)	Molyb- denum, water, ftrd, ug/L (01060)	Nickel, water, ftrd, ug/L (01065)	Silver, water, ftrd, ug/L (01075)	Zinc, water, ftrd, ug/L (01090)	Uranium natural water, ftrd, ug/L (22703)
NOV 02...	<.04	<.8	.066	.6	76	<.08	5.8	<.4	.85	<.2	1.5	.11
JAN 27...	<.04	<.8	.056	.6	51c	E.06n	5.6	<.4	.44	<.2	1.4	.12
MAR 16...	<.04	<.8	.064	.6	62	E.04n	6.5	<.4	.64	<.2	.8	.12
MAY 12...	<.04	<.8	.055	.9	50	E.08n	8.8	<.4	.38	<.2	1.1	.10
JUN 29...	<.04	<.8	.090	.9	68	E.07n	17.4	E.2n	.61	<.2	E.5n	.08
JUL 18...	<.04	<.8	.076	1.2	73	.08	15.7	E.2n	.67	<.2	1.1	.09
AUG 09...	<.04	<.8	.090	.9	73	.09	18.9	E.3n	.60	<.2	E.4n	.11
SEP 08...	E.02n	.04	.089	2.1	72	.12	16.8	E.3n	.55	<.2	2.9	.12

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

c -- See laboratory comment

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

LOCATION.--Lat 41° 34' 32", long 73° 10' 45", Litchfield County, Hydrologic Unit 01100005, on right bank 1,000 ft downstream from bridge by State Rts. 6 and 202 at Minortown, and 2.5 mi northeast of Woodbury.

PERIOD OF RECORD.--September 1962 to September 1976; October 1978 to September 1979; August 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 354.69 ft above sea level. Satellite telemetry at station.

REMARKS.--Records good, except those for periods of estimated record, which are poor. Minor alteration to the natural flow from Lockwood Reservoir and by out-of-basin flow diversion for municipal supply for the town of Watertown.

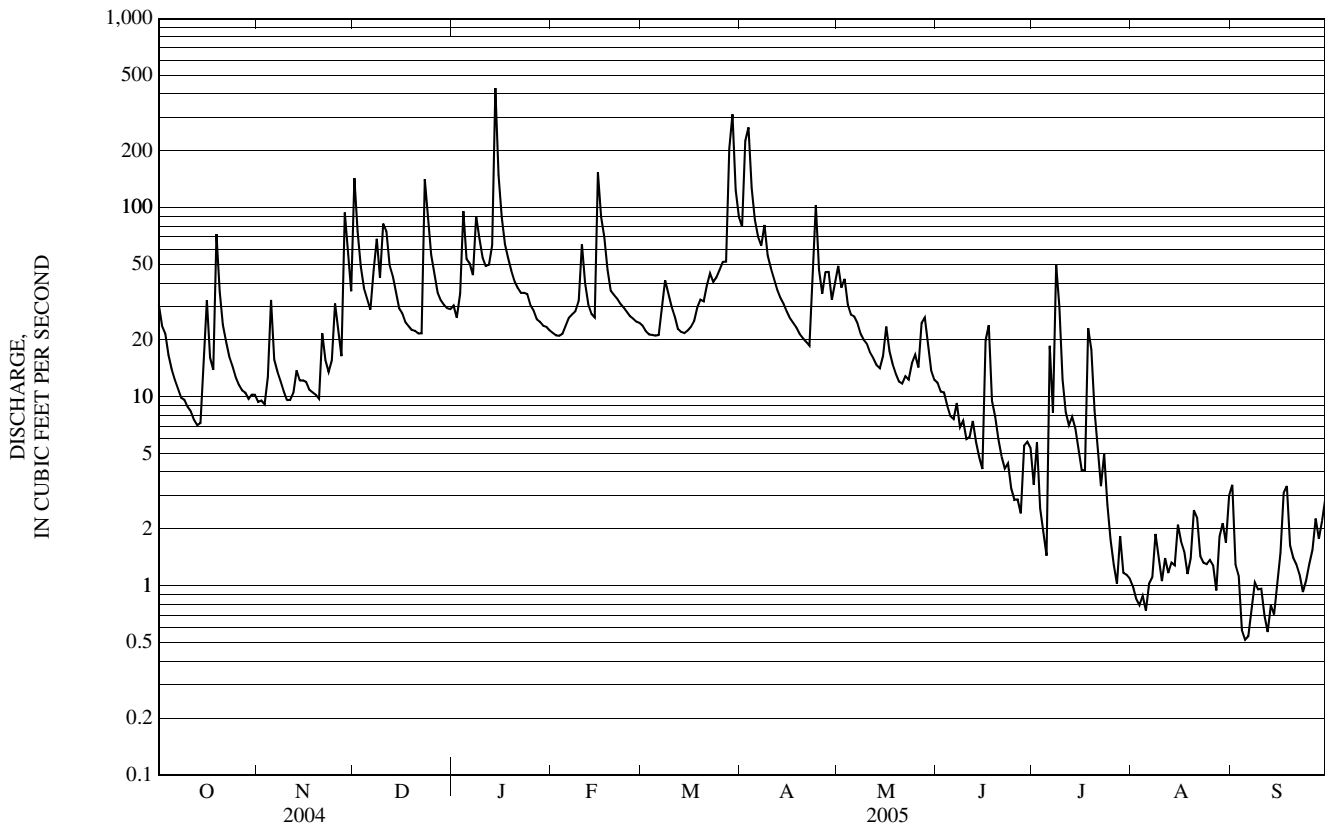
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 990 ft³/s, Mar. 29, gage height, 4.36 ft; minimum discharge, 0.50 ft³/s, Sep. 4, 5, gage height, 0.92 ft.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	9.4	143	30	e22	24	80	49	12	3.4	0.99	3.4
2	24	9.6	75	26	e21	22	226	38	11	5.7	0.86	1.3
3	22	9.2	49	35	e21	21	266	42	11	2.6	0.79	1.1
4	17	13	38	96	22	e21	127	31	9.0	1.9	0.88	0.58
5	14	33	33	54	24	e21	86	27	7.9	1.4	0.74	0.52
6	12	16	29	51	26	e21	70	27	7.6	19	1.0	0.54
7	11	14	46	44	27	e30	63	25	9.3	8.2	1.1	0.77
8	9.9	12	68	90	28	41	81	22	6.9	50	1.9	1.0
9	9.7	11	43	69	32	35	56	20	7.5	30	1.4	0.96
10	8.8	9.6	83	55	64	e30	48	19	6.0	12	1.1	0.97
11	8.4	9.6	75	49	40	e27	42	17	6.1	8.3	1.4	0.70
12	7.6	11	50	50	31	23	37	16	7.4	7.1	1.2	0.57
13	7.1	14	44	63	28	e22	33	15	5.8	7.8	1.3	0.79
14	7.3	12	36	430	26	e22	31	14	4.8	6.8	1.3	0.71
15	17	12	29	149	154	22	28	16	4.2	5.3	2.1	1.0
16	32	12	e28	89	89	23	26	24	20	4.1	1.7	1.5
17	16	11	e25	e64	70	25	25	17	24	4.1	1.5	3.1
18	14	11	e24	e54	47	30	23	15	9.5	23	1.2	3.4
19	73	10	e23	e46	e36	33	21	13	7.9	18	1.4	1.6
20	36	9.8	e22	e41	e35	32	20	12	6.0	8.5	2.5	1.4
21	24	22	e22	e38	33	39	20	12	4.8	5.1	2.3	1.3
22	20	16	e22	e35	31	45	19	13	4.2	3.4	1.4	1.1
23	16	14	142	e35	30	41	48	12	4.5	5.0	1.3	0.93
24	14	16	e91	e35	e28	43	103	15	3.3	2.7	1.3	1.1
25	13	31	e56	e31	e27	47	47	17	2.9	1.8	1.4	1.3
26	12	23	e45	e29	e26	52	35	14	2.9	1.3	1.3	1.6
27	11	16	e36	e26	e25	52	46	25	2.4	1.0	0.95	2.3
28	11	94	e32	e25	e25	205	46	26	5.5	1.8	1.8	1.8
29	9.7	58	31	e24	---	312	33	19	5.8	1.2	2.1	2.2
30	10	36	29	e23	---	124	40	14	5.4	1.1	1.7	2.9
31	10	---	29	e22	---	90	---	12	---	1.1	3.0	---
TOTAL	528.5	575.2	1,498	1,908	1,068	1,575	1,826	638	225.6	252.7	44.91	42.44
MEAN	17.0	19.2	48.3	61.5	38.1	50.8	60.9	20.6	7.52	8.15	1.45	1.41
MAX	73	94	143	430	154	312	266	49	24	50	3.0	3.4
MIN	7.1	9.2	22	22	21	21	19	12	2.4	1.0	0.74	0.52
CFSM	0.96	1.08	2.73	3.48	2.15	2.87	3.44	1.16	0.42	0.46	0.08	0.08
IN.	1.11	1.21	3.15	4.01	2.24	3.31	3.84	1.34	0.47	0.53	0.09	0.09

[illegible]

01203600 NONEWAUG RIVER AT MINORTOWN, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	11,440.8		10,182.35		30.6	
ANNUAL MEAN	31.3		27.9		48.6	
HIGHEST ANNUAL MEAN					11.3	
LOWEST ANNUAL MEAN					1,210	
HIGHEST DAILY MEAN	214	Apr 13	430	Jan 14	1,210	Dec 21, 1973
LOWEST DAILY MEAN	1.3	Aug 9	0.52	Sep 5	0.45	Sep 2, 1964
ANNUAL SEVEN-DAY MINIMUM	2.2	Aug 4	0.76	Sep 4	0.58	Aug 5, 2001
MAXIMUM PEAK FLOW			990	Mar 29	4,590	Jun 17, 2001
MAXIMUM PEAK STAGE			4.36	Mar 29	7.45	Jun 17, 2001
INSTANTANEOUS LOW FLOW			0.50	Sep 4	0.45	Sep 2, 1964
ANNUAL RUNOFF (CFSM)	1.77		1.58		1.73	
ANNUAL RUNOFF (INCHES)	24.05		21.40		23.50	
10 PERCENT EXCEEDS	63		56		65	
50 PERCENT EXCEEDS	24		19		16	
90 PERCENT EXCEEDS	4.1		1.3		2.7	



01203805 WEEKEEPEEMEE RIVER AT HOTCHKISSVILLE, CT

LOCATION.--Lat 41° 33'26", long 73° 12'57", Litchfield County, Hydrologic Unit 01100005, on downstream left bank at Jack's Bridge Rd., 500 ft upstream from mouth, and 1 mi north of Woodbury.

DRAINAGE AREA.-- 26.8 mi².

PERIOD OF RECORD.--October 1978 to September 1979; August 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 249.55 ft above sea level. Satellite telemetry at station.

REMARKS.--Records fair, except those for periods of estimated record, which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,100 ft³/s, Jan. 14, gage height, 5.75 ft; minimum discharge, 0.10 ft³/s, Sep. 15, gage height, 1.29 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	20	175	56	e38	e41	116	82	20	8.9	2.3	3.0
2	31	19	105	50	e38	40	274	69	19	10	2.1	1.6
3	31	21	77	59	e37	e38	372	76	17	6.8	1.9	0.98
4	24	22	63	135	e39	e35	218	58	17	5.7	1.7	0.64
5	20	53	57	78	e40	e35	164	50	14	5.2	1.6	0.53
6	18	29	51	76	e45	e33	135	47	14	12	1.3	0.47
7	16	25	74	68	48	e39	122	44	19	10	1.2	0.42
8	16	22	109	127	49	e68	143	42	14	42	1.3	0.34
9	16	20	72	102	54	e54	110	38	13	36	1.2	0.30
10	15	20	117	82	101	e42	95	35	11	16	1.0	0.26
11	14	19	110	75	66	e38	88	33	19	9.9	0.87	0.21
12	13	20	82	76	53	e33	77	29	20	7.3	0.81	0.19
13	12	24	74	89	48	e33	72	29	14	7.7	0.83	0.15
14	12	22	64	564	48	e32	65	28	11	7.5	0.74	0.11
15	19	22	55	231	237	33	60	29	11	e6.8	1.1	0.19
16	47	22	61	160	134	35	56	52	30	6.4	1.2	1.3
17	24	21	50	133	112	37	53	34	49	6.6	0.97	e1.4
18	18	20	48	e111	79	40	50	28	22	13	0.72	2.2
19	e94	19	46	e95	e60	41	49	27	15	18	0.59	1.8
20	e46	19	48	e84	e57	42	44	24	12	11	0.68	1.4
21	e32	36	84	e74	e55	48	40	22	12	6.8	0.84	0.91
22	28	28	69	e69	55	51	38	24	9.8	5.3	0.77	0.69
23	25	24	205	e68	53	50	62	23	8.3	4.9	0.58	0.58
24	24	29	172	e67	50	53	159	26	7.0	4.2	0.53	0.52
25	22	50	92	e65	e47	58	86	31	6.4	3.8	0.39	0.49
26	22	40	80	e58	e44	63	64	28	5.9	3.6	0.29	0.67
27	22	31	65	e51	e43	62	76	42	5.4	3.3	0.27	1.2
28	21	115	100	e47	e42	251	78	50	8.3	3.9	0.64	1.4
29	20	84	76	e46	---	369	61	33	9.7	3.3	1.8	1.6
30	20	57	57	e42	---	157	67	24	11	2.7	1.2	2.4
31	21	---	55	e41	---	127	---	21	---	2.4	1.8	---
TOTAL	782	953	2,593	3,079	1,772	2,078	3,094	1,178	444.8	291.0	33.22	27.95
MEAN	25.2	31.8	83.6	99.3	63.3	67.0	103	38.0	14.8	9.39	1.07	0.93
MAX	94	115	205	564	237	369	372	82	49	42	2.3	3.0
MIN	12	19	46	41	37	32	38	21	5.4	2.4	0.27	0.11
CFSM	0.94	1.19	3.12	3.71	2.36	2.50	3.85	1.42	0.55	0.35	0.04	0.03
IN.	1.09	1.32	3.60	4.27	2.46	2.88	4.29	1.64	0.62	0.40	0.05	0.04

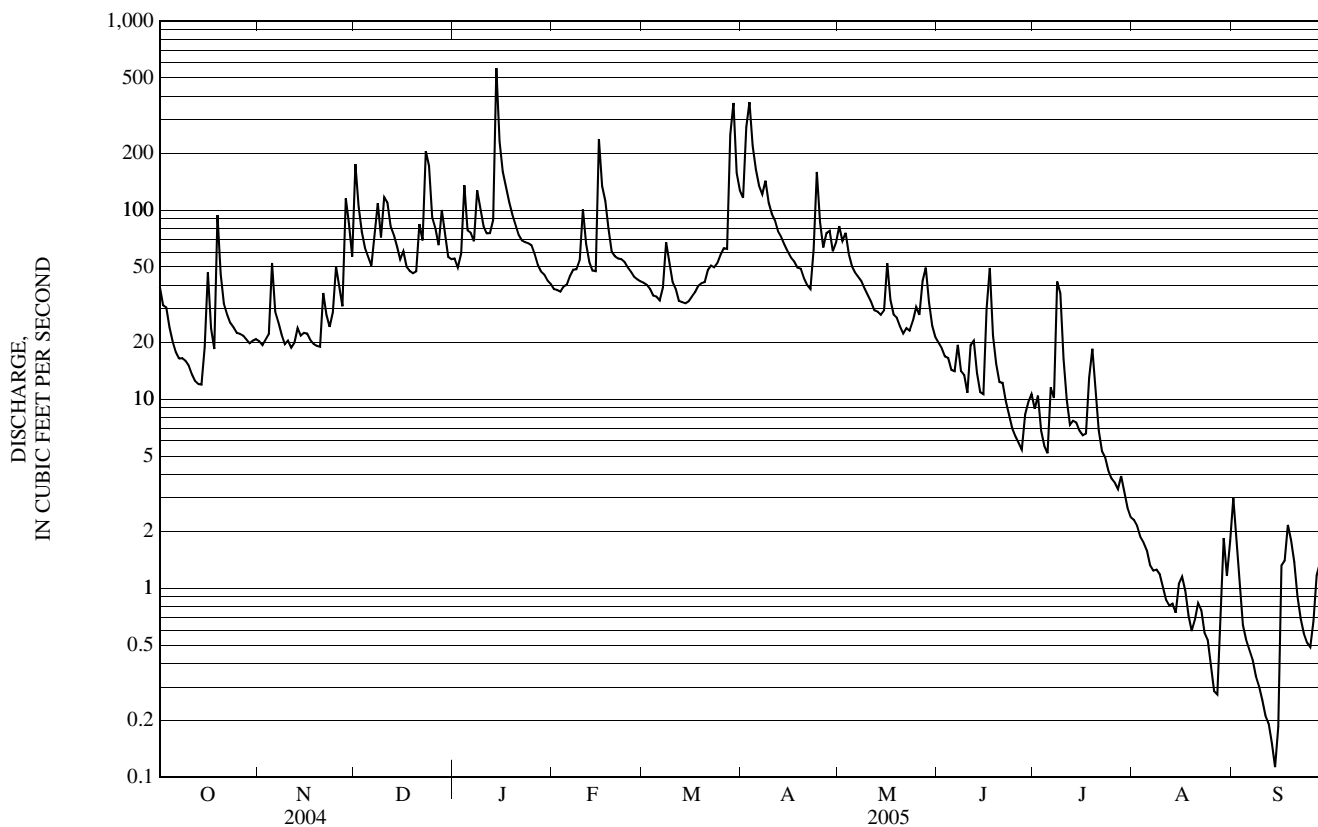
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2005, BY WATER YEAR (WY)

MEAN	24.2	34.4	60.0	76.4	52.1	105	88.3	56.7	47.4	10.7	14.8	22.9
MAX	88.6	102	133	187	81.9	168	105	88.5	102	21.3	50.9	73.3
(WY)	(2004)	(2004)	(2004)	(1979)	(1979)	(1979)	(2004)	(1979)	(2003)	(2003)	(2003)	(2003)
MIN	5.85	5.85	13.0	14.3	27.9	54.0	51.2	27.4	14.8	5.00	1.07	0.93
(WY)	(1979)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2005)	(1979)	(2005)	(2005)

e Estimated

01203805 WEEKEEPEEMEE RIVER AT HOTCHKISSVILLE, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1979 - 2005	
ANNUAL TOTAL	16,686.4		16,325.97		49.4	
ANNUAL MEAN	45.6		44.7		61.4	
HIGHEST ANNUAL MEAN					27.2	
LOWEST ANNUAL MEAN					1,330	
HIGHEST DAILY MEAN	261	Sep 18	564	Jan 14		Jan 25, 1979
LOWEST DAILY MEAN	3.1	Sep 7	0.11	Sep 14		2002
ANNUAL SEVEN-DAY MINIMUM	3.6	Sep 1	0.20	Sep 9		Sep 14, 2005
MAXIMUM PEAK FLOW			1,100	Jan 14		Sep 9, 2005
MAXIMUM PEAK STAGE			5.75	Jan 14		Jun 17, 2001
INSTANTANEOUS LOW FLOW			0.10	Sep 15		Jun 8, 2001
ANNUAL RUNOFF (CFSM)	1.70		1.67			Sep 13, 2005
ANNUAL RUNOFF (INCHES)	23.16		22.66			
10 PERCENT EXCEEDS	93		95			
50 PERCENT EXCEEDS	36		31			
90 PERCENT EXCEEDS	6.0		1.1			



01204000 POMPERAUG RIVER AT SOUTHBURY, CT

LOCATION.--Lat 41° 28'50", long 73° 13'30", New Haven County, Hydrologic Unit 01100005, on right bank 200 ft upstream from bridge on Poverty Rd., 800 ft downstream from Bullet Hill Brook, 0.6 mi west of Southbury, and 5.8 mi upstream from mouth.

DRAINAGE AREA.--75.1 mi².

PERIOD OF RECORD.--Discharge: June 1932 to current year. Water-quality records: Water years 1961, 1965-74. Daily water temperature: Water years 1961, 1967. Daily specific conductance: Water years 1960-61.
Daily pH: Water years 1960-61. Daily iron: Water years 1960-61.

REVISED RECORDS.--WSP 851: 1934(M), 1936(M). WSP 1201: 1933-34, 1935(M), 1937(M). WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 165.60 ft above sea level, (levels by Corps of Engineers). Satellite telemetry at station.

REMARKS.--Records good except those for periods of estimated record, which are fair. Ground-water diversions can affect the natural flow regime. Out-of-basin flow diversion for municipal supply for the town of Watertown.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 14	1715	*2,200	*7.67	Apr 3	0545	1,700	6.96
Mar 29	0630	1,440	6.60				

Minimum discharge, 4.3 ft³/s, Sept. 14, gage height, 2.06 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	47	478	137	e86	105	321	220	59	31	11	12
2	87	46	327	126	e83	101	655	168	55	33	11	9.3
3	82	52	210	139	e81	93	1,150	190	49	25	9.9	7.4
4	66	53	166	350	e80	85	571	149	48	20	9.2	6.6
5	56	123	148	224	e79	84	402	133	42	18	8.7	6.0
6	49	73	129	215	e85	84	331	125	40	119	8.5	5.9
7	45	62	165	198	104	91	295	122	48	77	8.3	5.4
8	43	57	278	328	111	159	369	113	40	133	8.3	5.1
9	42	51	181	327	122	125	281	105	41	165	12	5.1
10	39	49	283	241	225	106	239	99	35	75	9.2	5.0
11	36	47	304	223	167	97	216	94	83	50	7.9	4.9
12	34	49	215	222	128	100	193	86	82	39	7.9	4.8
13	33	62	186	236	115	91	177	80	50	37	8.1	5.3
14	32	59	162	1,380	112	88	163	77	40	37	8.6	4.7
15	40	57	135	715	545	90	151	82	36	32	10	5.7
16	110	60	118	422	319	95	141	116	48	29	9.7	6.0
17	63	53	119	340	307	99	133	92	143	28	8.9	13
18	50	50	109	e228	208	108	127	77	65	43	7.8	14
19	211	49	108	e186	154	116	123	71	48	67	7.3	9.4
20	150	48	100	e169	141	119	115	66	41	42	7.4	7.5
21	97	79	90	e153	144	130	108	63	37	30	8.3	7.1
22	78	71	99	e141	139	140	101	65	32	26	7.5	6.4
23	70	62	292	e133	133	146	149	67	30	23	6.7	5.9
24	62	62	634	e127	122	149	418	72	27	21	6.3	5.7
25	57	115	270	e120	118	162	232	83	24	19	5.9	5.8
26	54	102	196	e115	108	176	176	78	21	16	5.8	6.4
27	51	77	167	e109	103	180	186	71	21	16	5.7	6.9
28	50	293	132	e103	98	485	208	139	29	15	6.8	6.4
29	47	263	152	e98	---	1,140	162	89	41	14	8.0	8.1
30	47	158	142	e93	---	503	152	71	40	13	8.1	7.8
31	48	---	136	e90	---	360	---	62	---	12	9.9	---
TOTAL	2,045	2,429	6,231	7,688	4,217	5,607	8,045	3,125	1,395	1,305	258.7	209.6
MEAN	66.0	81.0	201	248	151	181	268	101	46.5	42.1	8.35	6.99
MAX	211	293	634	1,380	545	1,140	1,150	220	143	165	12	14
MIN	32	46	90	90	79	84	101	62	21	12	5.7	4.7
CFSM	0.88	1.08	2.68	3.30	2.01	2.41	3.57	1.34	0.62	0.56	0.11	0.09
IN.	1.01	1.20	3.09	3.81	2.09	2.78	3.99	1.55	0.69	0.65	0.13	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1933 - 2005, BY WATER YEAR (WY)

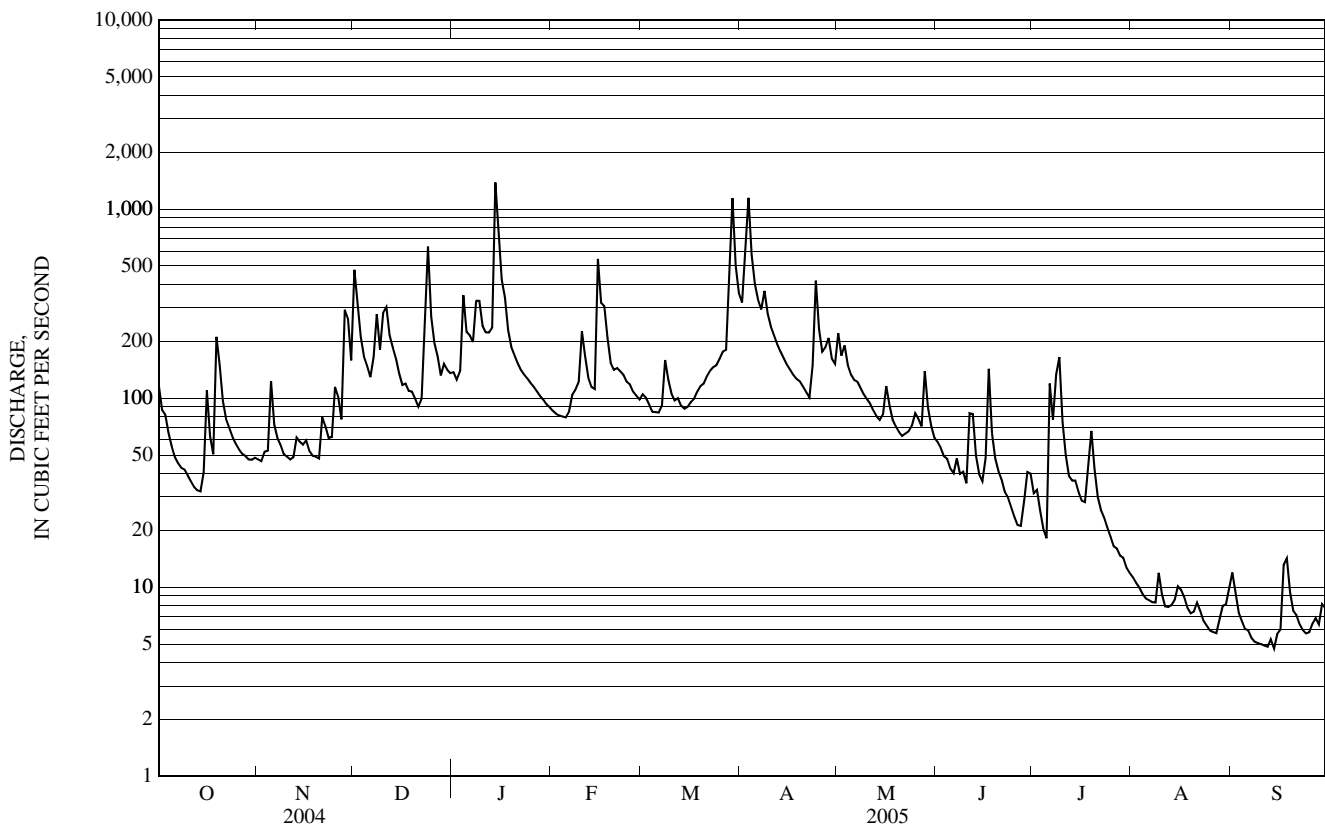
MEAN	74.7	119	153	163	160	256	232	147	95.9	53.1	53.5	53.8
MAX	625	468	415	525	366	557	693	476	493	272	578	304
(WY)	(1956)	(1956)	(1997)	(1979)	(1970)	(1936)	(1987)	(1989)	(1982)	(1938)	(1955)	(1938)
MIN	10.4	13.6	22.1	17.5	44.6	104	61.9	40.3	18.6	9.56	5.90	6.99
(WY)	(1936)	(1965)	(1936)	(1981)	(1936)	(2002)	(1985)	(1941)	(1957)	(1957)	(1999)	(2005)

e Estimated

01204000 POMPERAUG RIVER AT SOUTHBURY, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1933 - 2005	
ANNUAL TOTAL	40,615		42,555.3		130	
ANNUAL MEAN	111		117		208	
HIGHEST ANNUAL MEAN					53.8	
LOWEST ANNUAL MEAN					9,510	
HIGHEST DAILY MEAN	928	Apr 14	1,380	Jan 14	Aug 19, 1955	1984
LOWEST DAILY MEAN	11	Aug 10	4.7	Sep 14	3.3	1966
ANNUAL SEVEN-DAY MINIMUM	14	Aug 4	5.0	Sep 8	3.9	Aug 30, 1966
MAXIMUM PEAK FLOW			2,200	Jan 14	a29,400	Sep 9, 1977
MAXIMUM PEAK STAGE			7.67	Jan 14	b21.80	Aug 19, 1955
INSTANTANEOUS LOW FLOW			4.3	Sep 14	c2.5	Aug 30, 1966
ANNUAL RUNOFF (CFSM)	1.48		1.55		1.73	
ANNUAL RUNOFF (INCHES)	20.12		21.08		23.52	
10 PERCENT EXCEEDS	221		237		276	
50 PERCENT EXCEEDS	82		82		80	
90 PERCENT EXCEEDS	18		8.0		16	

- a From rating curve extended above 1,200 ft³/s by computation of peak flow over dam at gage height 16.0 ft and by slope-area measurement of peak flow.
b From floodmarks.
c Also occurred Aug. 31, 1966.



01205500 HOUSATONIC RIVER AT STEVENSON, CT

LOCATION.--Lat 41° 23'02", long 73° 10'05", New Haven County, Hydrologic Unit 01100005, on left bank, 0.2 mi downstream from dam of Connecticut Light and Power Company at Stevenson, Fairfield County, 0.2 mi upstream from Eightmile Brook, and at mile 19.2.

DRAINAGE AREA.--1,544 mi².

WATER-DISCHARGE RECORD

PERIOD OF RECORD.--August 1928 to current year.

REVISED RECORDS.--WSP 711: 1929(M). WSP 1231: 1951. WSP 1301: 1933-34(M), 1936-37. WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 24.98 ft above sea level (levels by Corps of Engineers). Telephone telemetry at station. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. The natural flow regime is regulated by Stevenson Hydroelectric Plant, Lake Candlewood, Lake Lillinonah, Lake Zoar, Cairns and Shepaug Reservoirs, and by diversion out of basin at Shepaug Reservoir. Effects of flood-control dams in the Blackberry River Basin on peak flows at the gaging station are insignificant..

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 27,500 ft³/s, Jan. 14, gage height, 15.08 ft; minimum discharge, 230 ft³/s, Sep. 23, gage height, 1.72 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,150	315	6,200	3,540	2,560	2,430	14,000	2,750	1,060	1,410	334	341
2	6,460	417	7,130	3,480	2,510	2,720	12,800	2,990	1,050	1,360	725	340
3	4,710	1,030	5,760	4,200	2,060	2,480	20,300	3,210	1,590	356	1,200	338
4	3,610	1,070	5,570	4,760	2,710	2,480	16,800	3,180	324	355	848	336
5	3,630	2,220	4,430	6,110	2,150	2,120	14,700	3,230	320	1,040	357	335
6	2,870	1,800	4,160	5,380	2,470	1,790	11,800	2,890	1,530	1,260	345	335
7	2,710	2,110	4,290	4,600	2,490	2,480	11,200	1,490	1,220	1,600	329	314
8	2,520	2,770	4,350	4,540	2,510	2,480	7,990	1,060	1,610	1,070	327	304
9	1,700	2,480	5,110	5,580	2,680	2,280	6,010	1,730	1,400	2,300	464	366
10	1,560	2,640	4,760	5,060	3,560	2,270	4,590	1,900	878	1,380	387	311
11	1,910	1,270	5,950	4,680	3,910	2,630	5,360	1,730	350	1,780	336	293
12	2,630	2,780	4,580	4,790	3,480	2,280	6,120	2,690	351	1,040	340	292
13	2,480	2,430	4,530	4,940	2,710	1,360	4,640	1,750	2,140	1,040	505	271
14	1,900	1,500	4,490	14,900	4,440	2,930	4,690	1,750	1,050	857	345	272
15	1,730	2,260	4,240	15,600	5,340	2,510	3,420	1,430	837	718	339	292
16	2,060	2,210	3,620	9,870	6,230	2,410	3,980	1,720	335	323	328	332
17	2,320	1,890	3,330	8,800	6,200	1,350	2,530	2,090	338	318	349	315
18	3,290	1,930	3,340	7,610	6,180	2,570	3,220	1,730	840	901	339	320
19	2,980	1,740	2,310	5,900	3,900	1,750	3,190	1,560	842	2,110	327	323
20	4,240	1,600	3,430	5,310	3,480	2,300	2,580	1,150	839	1,590	328	329
21	3,050	1,270	2,610	4,810	3,850	2,110	2,360	357	1,840	1,410	326	322
22	4,140	2,390	2,410	4,220	3,330	2,150	2,850	1,230	354	1,240	546	285
23	5,970	2,410	3,310	3,900	3,230	3,370	2,950	1,410	872	685	405	266
24	1,390	2,550	7,460	4,080	2,910	2,610	4,050	2,080	1,220	342	339	267
25	2,550	2,240	6,460	3,680	2,740	2,230	3,700	1,570	1,030	678	336	267
26	2,630	2,780	6,520	3,600	2,370	2,710	3,750	1,920	334	1,390	342	266
27	1,770	3,020	5,050	4,460	1,750	3,370	3,240	2,110	1,010	1,430	348	272
28	1,960	3,110	3,910	2,720	2,760	7,260	3,190	1,410	339	853	348	277
29	2,070	5,340	2,660	2,730	---	16,800	3,200	2,130	1,090	321	1,110	313
30	1,860	6,380	4,320	2,140	---	15,400	3,340	1,960	1,450	336	348	322
31	1,420	---	4,030	3,750	---	15,800	---	1,910	---	336	344	---
TOTAL	91,270	67,952	140,320	169,740	94,510	119,430	192,550	60,117	28,443	31,829	13,644	9,216
MEAN	2,944	2,265	4,526	5,475	3,375	3,853	6,418	1,939	948	1,027	440	307
MAX	7,150	6,380	7,460	15,600	6,230	16,800	20,300	3,230	2,140	2,300	1,200	366
MIN	1,390	315	2,310	2,140	1,750	1,350	2,360	357	320	318	326	266

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
MEAN	1,512	2,284	2,936	3,034	2,940	4,766	5,264	3,242	2,225	1,279	1,132	1,166
MAX	8,810	8,786	8,384	9,441	6,869	12,960	11,150	8,627	7,013	4,923	8,294	8,705
(WY)	(1956)	(1956)	(1997)	(1949)	(1976)	(1936)	(1983)	(1989)	(1972)	(1938)	(1955)	(1938)
MIN	259	258	726	356	800	1,730	1,272	1,092	670	294	280	213
(WY)	(1965)	(1979)	(1965)	(1981)	(1980)	(2002)	(1985)	(1986)	(1965)	(1962)	(1999)	(1964)

01205500 HOUSATONIC RIVER AT STEVENSON, CT—Continued

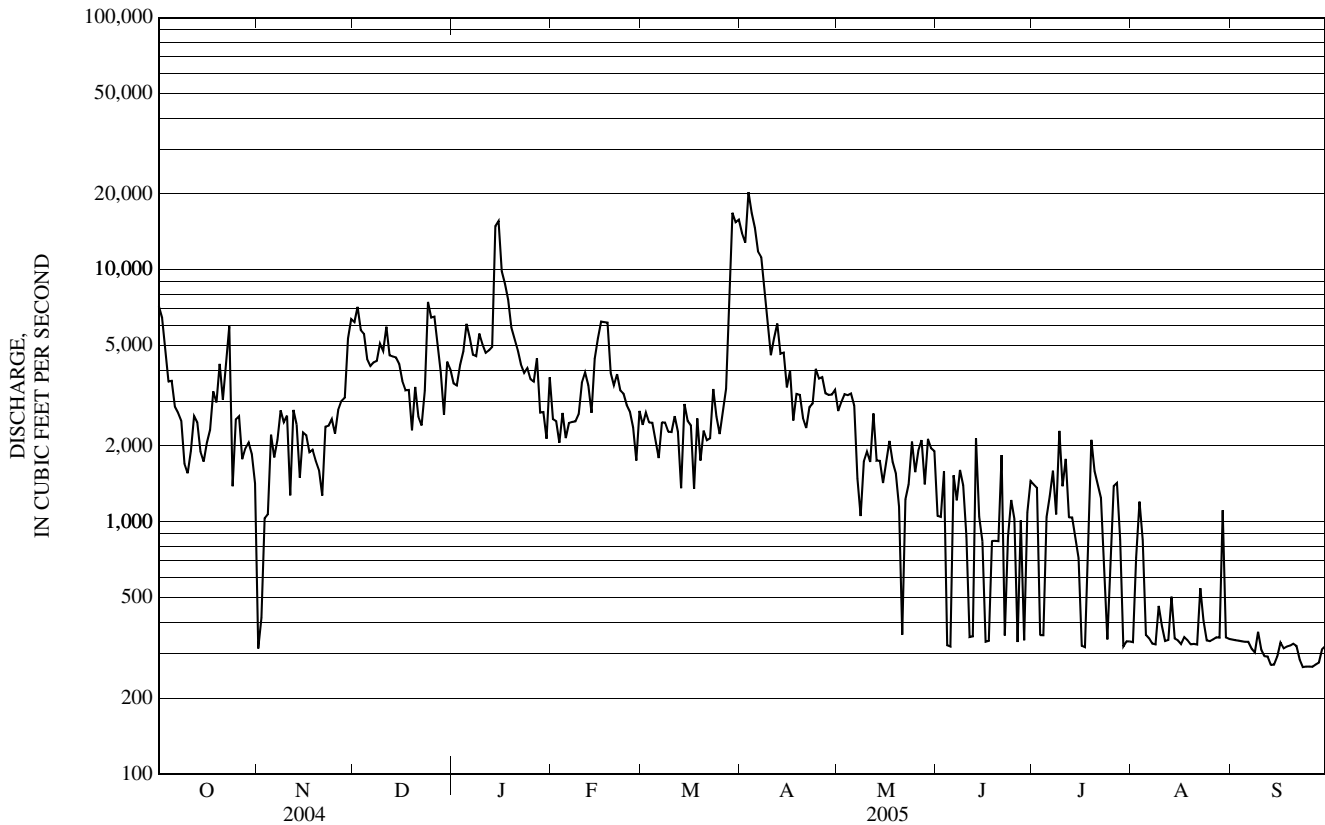
SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	1,015,430		1,019,021		2,645	
ANNUAL MEAN	2,774		2,792		990	
HIGHEST ANNUAL MEAN					3,956	
LOWEST ANNUAL MEAN					990	
HIGHEST DAILY MEAN	11,800	Sep 19	20,300	Apr 3	62,400	Oct 16, 1955
LOWEST DAILY MEAN	104	Jun 24	d266	Sep 23	0.00	Oct 12, 1930
ANNUAL SEVEN-DAY MINIMUM	438	Jul 2	271	Sep 22	56	Aug 13, 1984
MAXIMUM PEAK FLOW			27,500	Jan 14	a75,800	Oct 16, 1955
MAXIMUM PEAK STAGE			15.08	Jan 14	b24.50	Oct 16, 1955
INSTANTANEOUS LOW FLOW			230	Sep 23	c	
10 PERCENT EXCEEDS	5,720		5,570		5,900	
50 PERCENT EXCEEDS	2,340		2,220		1,870	
90 PERCENT EXCEEDS	863		334		240	

a From rating curve extended above 3,500 ft³/s on basis of computation of peak flow at Stevenson and Derby Dams and slope-area measurement at gage heights 21.5 and 23.5 ft.

b From floodmarks.

c Practically no flow at times, result of regulation.

d Also occurred Sep. 26.



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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 02...	1415	359	2.1	11.4	105	8.0	279	13.0	12.0	120	29.6	10.3	2.10
JAN 20...	1345	430	8.9	14.4	103	7.6	202	-2.0	1.5	72	18.2	6.43	1.52
MAY 12...	1115	6,010	1.9	11.2	110	8.0	265	16.5	14.5	100	26.0	8.90	1.57
JUL 18...	1130	337	1.4	8.4	100	7.9	313	29.0	24.0	120	29.2	10.8	2.03

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat fltrd incrm. titr., field, mg/L (00453)	Carbonate, wat fltrd incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
NOV 02...	12.5	98	119	0	20.2	<.1	5.16	8.3	147	141	.27	.30	E.03n
JAN 20...	11.5	63	77	--	19.8	E.1n	5.58	7.7	120	115	.25	.22	E.03n
MAY 12...	13.4	77	94	0	23.4	E.1n	4.00	8.7	155	144	.36	.27	<.04
JUL 18...	15.6	94	115	--	27.5	E.1n	3.59	9.0	172	172	.34	.32	<.04

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/100 mL (90902)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)
NOV 02...	.36	E.007n	.65	E.01n	.017	.026	5.1	3k	5k	6	<.20	14	<.06
JAN 20...	.37	E.004n	.59	<.02	.017	.039	3.9	100	180	10	<.20	10	<.06
MAY 12...	.29	<.008	.56	<.02	.005	.023	5.6	3k	1k	8	<.20	14	<.06
JUL 18...	.46	E.004n	.78	<.02	.007	.017	3.9	3k	2k	6	<.20	16	<.06

01205500 HOUSATONIC RIVER AT STEVENSON, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cadmium water, flt'd, ug/L (01025)	Chrom- ium, water, flt'd, ug/L (01030)	Cobalt water, flt'd, ug/L (01035)	Copper, water, flt'd, ug/L (01040)	Iron, water, flt'd, ug/L (01046)	Lead, water, flt'd, ug/L (01049)	Mangan- ese, water, flt'd, ug/L (01056)	Molyb- denum, water, flt'd, ug/L (01060)	Nickel, water, flt'd, ug/L (01065)	Silver, water, flt'd, ug/L (01075)	Zinc, water, flt'd, ug/L (01090)	Uranium natural water, flt'd, ug/L (22703)
NOV 02...	<.04	<.8	.111	.8	31	<.08	9.5	E.2n	.53	<.2	E.5n	.35
JAN 20...	<.04	<.8	.102	.9	30	E.05n	21.2	E.2n	.60	<.2	1.5	.20
MAY 12...	<.04	<.8	.085	.7	17	<.08	2.0	.4	.58	<.2	E.5n	.37
JUL 18...	<.04	<.8	.113	.9	E6n	<.08	4.5	.8	1.22	<.2	E.5n	.44

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

01206900 NAUGATUCK RIVER AT THOMASTON, CT

LOCATION.--Lat 41° 40'25", long 73° 04'12", Litchfield County, Hydrologic Unit 01100005, on left bank at downstream side of bridge on U.S. Rts. 6 and 202 at Thomaston, 1.5 mi downstream from Thomaston Reservoir, 2.5 mi upstream from Branch Brook, and at mile 29.5.

DRAINAGE AREA.--99.8 mi².

PERIOD OF RECORD.--October 1959 to current year.

REVISED RECORDS.--WDR CT-76-1: 1975. WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 354.39 ft above sea level. Telephone telemetry at station. Satellite telemetry at station.

REMARKS.--Records good, except those for periods of estimated record, which are fair. Peak flows are affected by flood-control regulation at Thomaston Dam, Hall Meadow Brook Dam, and East Branch Dam. The natural flow regime can be altered by regulation at Thomaston Dam, Hall Meadow Brook Dam, and East Branch Dam.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 19, 1955, reached a stage of 27.0 ft, from floodmarks by Corps of Engineers, discharge, 53,400 ft³/s, from indirect measurements of peak flow on Naugatuck River, 71.9 mi², and Leadmine Brook, 24.0 mi², adjusted for intervening drainage area.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,290 ft³/s, Mar. 29, gage height, 5.22 ft; minimum discharge, 6.4 ft³/s, Sep. 12, 13, 14, gage height, 1.47 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	256	82	440	198	e159	126	813	344	89	43	19	34
2	186	78	657	183	e157	121	376	263	80	57	19	20
3	161	78	563	198	e160	110	746	304	74	37	18	15
4	131	84	311	489	155	113	1,570	231	70	29	17	13
5	111	228	219	450	155	107	1,740	200	66	25	18	11
6	96	132	192	313	159	105	1,450	177	62	122	28	11
7	87	106	231	285	156	113	833	165	65	88	19	9.8
8	82	96	422	348	141	169	556	157	59	131	16	9.3
9	78	89	318	474	152	177	391	143	55	502	15	8.8
10	75	78	424	324	348	187	313	132	52	114	14	8.3
11	72	76	542	292	286	150	268	124	52	70	14	8.6
12	69	80	482	274	199	122	237	117	52	55	13	8.2
13	65	91	315	293	167	119	218	105	48	56	13	7.7
14	63	87	254	1,080	150	111	202	101	45	49	15	7.8
15	90	87	206	1,570	541	110	181	120	54	44	58	47
16	216	95	169	1,200	584	112	167	295	97	44	31	63
17	134	92	169	e404	570	113	155	149	165	43	22	90
18	105	85	154	e264	427	117	145	119	77	71	17	96
19	319	82	150	e228	217	126	134	104	72	62	15	38
20	275	80	138	e224	200	131	128	95	56	48	15	24
21	170	120	134	e199	201	141	124	90	42	38	16	18
22	134	105	141	e189	192	179	115	97	36	41	15	16
23	116	95	284	e191	179	206	225	97	32	74	13	15
24	106	99	760	e197	165	191	748	112	28	41	11	13
25	99	256	740	e182	161	184	575	148	27	33	11	12
26	94	219	618	e180	148	193	275	129	25	29	10	13
27	89	152	343	e171	140	216	274	146	22	27	11	34
28	84	291	201	e176	128	339	281	179	40	26	28	20
29	81	553	203	e166	---	1,430	237	129	65	23	28	27
30	82	351	192	e169	---	1,790	247	105	58	21	18	32
31	85	---	182	e166	---	1,260	---	99	---	19	26	---
TOTAL	3,811	4,147	10,154	11,077	6,397	8,668	13,724	4,776	1,765	2,062	583	730.5
MEAN	123	138	328	357	228	280	457	154	58.8	66.5	18.8	24.4
MAX	319	553	760	1,570	584	1,790	1,740	344	165	502	58	96
MIN	63	76	134	166	128	105	115	90	22	19	10	7.7

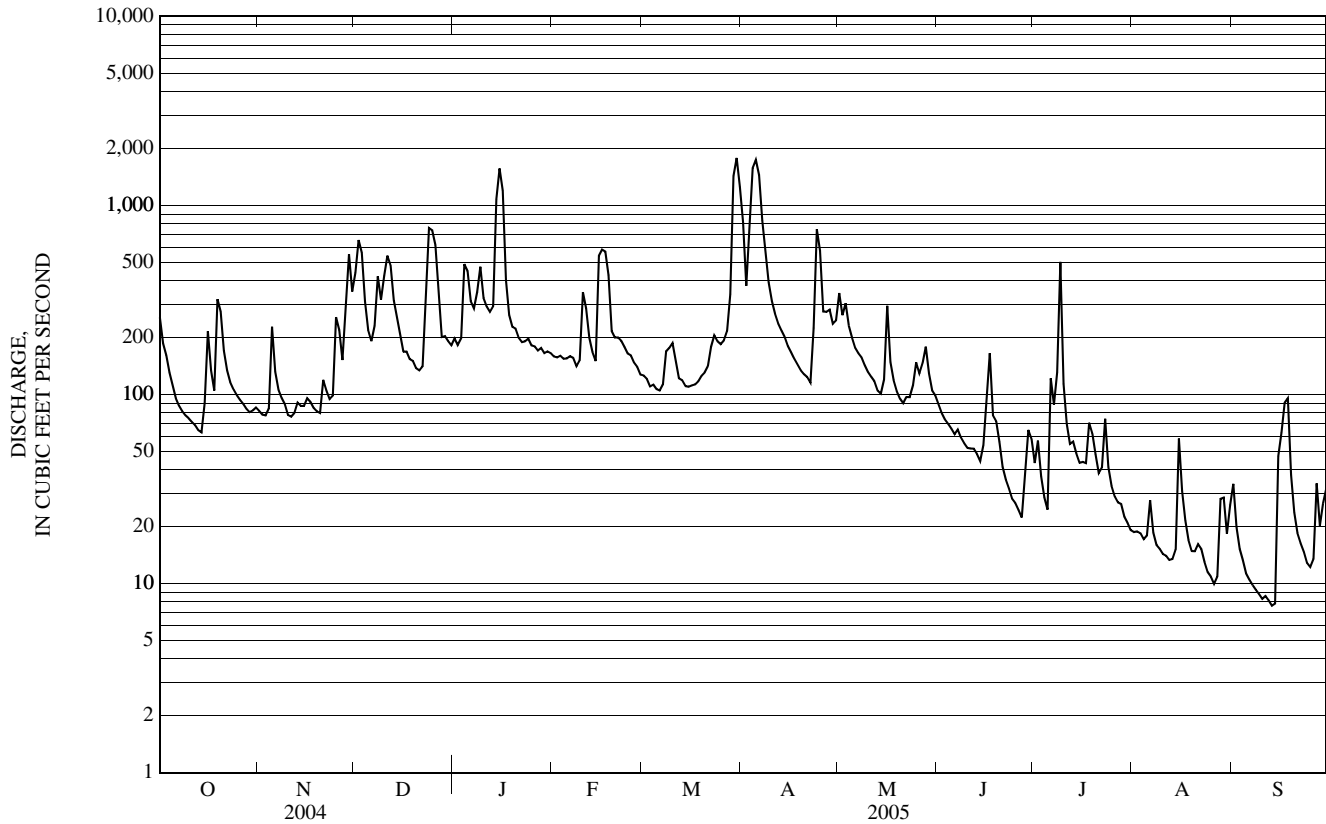
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2005, BY WATER YEAR (WY)

MEAN	130	186	235	234	233	393	386	220	159	78.7	74.4	82.8
MAX	525	510	709	757	776	785	966	721	658	331	429	472
(WY)	(1997)	(1996)	(1974)	(1979)	(1981)	(1979)	(1987)	(1989)	(1982)	(1972)	(1969)	(1975)
MIN	21.1	19.8	42.1	31.1	57.0	156	103	75.0	33.8	18.4	16.6	13.8
(WY)	(1965)	(2002)	(2002)	(1981)	(1980)	(2002)	(1985)	(1965)	(1964)	(1962)	(1999)	(1964)

e Estimated

01206900 NAUGATUCK RIVER AT THOMASTON, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1961 - 2005	
ANNUAL TOTAL	65,564		67,894.5		201	
ANNUAL MEAN	179		186		76.6	
HIGHEST ANNUAL MEAN					300	
LOWEST ANNUAL MEAN					76.6	
HIGHEST DAILY MEAN	1,350	Apr 2	1,790	Mar 30	3,550	Mar 10, 1979
LOWEST DAILY MEAN	27	Jul 23	7.7	Sep 13	7.7	Sep 13, 2005
ANNUAL SEVEN-DAY MINIMUM	31	Sep 1	8.4	Sep 8	8.4	Sep 8, 2005
MAXIMUM PEAK FLOW			2,290	Mar 29	5,140	Mar 31, 1960
MAXIMUM PEAK STAGE			5.22	Mar 29	6.25	Mar 31, 1960
INSTANTANEOUS LOW FLOW			6.4	Sep 12	5.6	Sep 1, 1999
10 PERCENT EXCEEDS	372		382		435	
50 PERCENT EXCEEDS	130		119		114	
90 PERCENT EXCEEDS	42		18		26	



01208049 NAUGATUCK RIVER NEAR WATERVILLE, CT

LOCATION.--Lat 41° 36'55", long 73° 03'30", New Haven County, Hydrologic Unit 01100005, at Frost Bridge 1.8 mi north of Waterville and 2.4 mi south of Branch Brook.

DRAINAGE AREA.--136 mi².

PERIOD OF RECORD.--October 5, 1967, published as "near Waterbury," October 1980 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 16...	1345	111	1.3	13.4	105	7.5	223	13.0	5.0	38	9.91	3.32	2.78
JAN 13...	1445	362	2.8	13.1	96	7.1	254	2.0	2.5	30	7.82	2.50	1.77
MAR 14...	1330	141	1.8	14.0	101	7.3	266	5.5	1.5	36	9.50	3.02	2.05
MAY 09...	1315	182	1.3	10.7	100	6.8	158	22.0	12.0	31	8.04	2.73	1.68
JUN 07...	1245	77	2.1	7.7	92	7.5	226	30.0	23.5	38	10.0	3.18	2.60
JUL 07...	1300	106	5.6	7.5	86	7.0	199	21.0	22.0	35	9.17	2.97	2.58
AUG 08...	1345	20	2.0	7.8	99	7.7	350	24.0	27.0	51	14.4	3.60	5.25
SEP 20...	1330	24	5.1	6.8	78	7.1	166	21.5	21.5	29	7.69	2.36	3.21

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat fltrd incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV 16...	25.9	25	30	37.8	.1	6.71	15.8	130d	133d	.28	.32	<.04	.68
JAN 13...	35.6	16	20	56.9	E.1n	7.29	11.2	145d	135d	.26	.31	.09	.48
MAR 14...	33.4	18	22	52.0	E.1n	7.60	13.9	129	136	.26	.28	.05	.66
MAY 09...	15.9	18	21	24.6	E.1n	5.87	10.9	81	98	.37	.32	.06	.34
JUN 07...	24.3	24	30	35.3	.1	4.88	17.7	133	140	.46	.43	.07	.51
JUL 07...	20.4	23	28	31.8	.1	4.75	12.7	108	105	.45	.55	.09	.50
AUG 08...	41.9	35	43	58.0	.2	2.61	27.9	193	187	.66	.67	.09	.56
SEP 20...	16.9	20	24	23.4	.1	3.48	13.4	100	100	.51	.58	.12	.69

01208049 NAUGATUCK RIVER NEAR WATERVILLE, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, ftrd, mg/L as N (00613)	Organic nitro- gen, water, unfltrd mg/L (00605)	Total nitro- gen, water, unfltrd mg/L (00600)	Ortho- phos- phate, water, ftrd, mg/L as P (00671)	Phos- phorus, water, ftrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Fecal coli- form, M-FC 0.45uMF col/ 100 mL (31616)	Alum- inum, water, ftrd, ug/L (01106)	Anti- mony, water, ftrd, ug/L (01095)	Barium, water, ftrd, ug/L (01005)	Beryll- ium, water, ftrd, ug/L (01010)
NOV 16...	.025	--	1.0	.05	.075	.090	3.6	71	100	16	<.20	16	<.06
JAN 13...	.013	.22	.79	.04	.058	.078	3.1	350k	400	24	<.20	16	<.06
MAR 14...	.009	.23	.94	.05	.068	.097	2.3	14k	30	22	<.20	16	<.06
MAY 09...	E.007n	.26	.66	.04	.060	.090	2.8	4k	10k	21	<.20	16	<.06
JUN 07...	.037	.36	.94	.08	.113	.149	4.5	41	75	21	<.20	18	<.06
JUL 07...	.015	.46	1.0	.11	.144	.198	5.8	900	920	17	E.14n	16	<.06
AUG 08...	.030	.58	1.2	.13	.187	.20oc	5.7	24k	52	25	E.18n	16	<.06
SEP 20...	.031	.46	1.3	.09	.127	.185	5.2	96	92	9	.27	12	<.06

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cadmium water, ftrd, ug/L (01025)	Chrom- ium, water, ftrd, ug/L (01030)	Cobalt water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)	Iron, water, ftrd, ug/L (01046)	Lead, water, ftrd, ug/L (01049)	Mangan- ese, water, ftrd, ug/L (01056)	Molyb- denum, water, ftrd, ug/L (01060)	Nickel, water, ftrd, ug/L (01065)	Silver, water, ftrd, ug/L (01075)	Zinc, water, ftrd, ug/L (01090)	Uranium natural water, ftrd, ug/L (22703)
NOV 16...	.08	1.9	.219	3.4	143	.18	30.9	E.2n	7.53	<.2	9.2	.09
JAN 13...	.09	1.7	.317	2.9	87	.14	41.1	<.4	4.98	<.2	10.2	.05
MAR 14...	.11	3.3	.363	2.6	82	.10	46.6	E.2n	7.41	<.2	10.7	.08
MAY 09...	.08	3.9	.281	2.7	113	.14	55.4	<.4	6.98	<.2	8.7	.06
JUN 07...	.09	7.7	.287	4.3	190	.31	54.5	.4	12.3	E.2n	7.9	.07
JUL 07...	.05	1.6	.234	2.7	214	.40	61.2	.5	5.29	<.2	5.8	.06
AUG 08...	.16	7.0	.684	8.7	162	.25	90.5	1.0	21.1	<.2	7.3	.09
SEP 20...	.04	2.0	--	4.7	103	.23	35.5	.6	8.51	<.2	5.3	E.03n

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

01208370 NAUGATUCK RIVER BELOW FULLING MILL BROOK AT UNION CITY, CT

LOCATION.--Lat 41° 30'06", long 73° 02'55", New Haven County, Hydrologic Unit 01100005, at footbridge below Fulling Mill Brook, 0.1 mi south of Rt. 68 bridge.

DRAINAGE AREA.--215 mi².

PERIOD OF RECORD.--May 2002 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 15...	1330	214	1.0	13.5	112	7.5	261	14.5	8.0	48	13.7	3.44	3.58
NOV 16...	1310	225	--	--	--	7.6	284	--	--	--	--	--	--
JAN 13...	1330	787	4.2	13.6	103	7.0	262	5.0	4.0	36	10.0	2.75	2.32
MAR 15...	1415	286	1.6	13.1	106	7.3	313	7.5	6.0	46	12.8	3.41	3.09
MAY 11...	1145	328	1.4	10.5	109	7.4	247	21.5	17.0	44	12.4	3.20	3.15
JUN 08...	1200	139	1.8	9.5	117	7.7	326	34.0	25.5	56	15.9	3.88	5.14
JUL 07...	0930	309	11	8.5	98	7.4	246	20.0	22.0	45	12.9	3.15	3.17

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltr inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat fltr incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV 15...	28.8	24	29	41.8	.3	7.02	20.8	147	142	.24	.34	<.04	.91
NOV 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 13...	33.0	18	21	49.7	.2	8.04	15.8	144d	135d	.23	.32	<.04	.85
MAR 15...	37.9	21	25	58.7	.4	8.13	22.0	171	166	.29	.34	<.04	1.04
MAY 11...	26.1	20	24	39.3	.3	6.84	20.2	138	139	.54	.55	.19	.77
JUN 08...	34.8	28	34	50.5	.6	7.19	29.6	201	185	.55	.67	.04	1.43
JUL 07...	25.8	26	31	39.0	.3	4.65	20.1	140	121	.47	.69	E.04n	.78

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/100 mL (90902)	Fecal coliform, M-FC, col/100 mL (31616)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)
NOV 15...	E.004n	--	1.2	.31	.37oc	.40oc	4.7	180	2,700	30	E.12n	14	<.06
NOV 16...	--	--	--	--	--	--	--	320	660	--	--	--	--
JAN 13...	.016	--	1.2	.17	.194	.23oc	3.3	310	480	24	<.20	15	<.06
MAR 15...	E.007n	--	1.4	.38	.42oc	.44oc	3.7	8k	20	45	E.12n	15	<.06
MAY 11...	.022	.35	1.3	.51	.55oc	.56oc	3.9	18k	44	28	E.13n	17	<.06
JUN 08...	.014	.62	2.1	1.05d	1.13	1.15	6.0	28k	48	46	.22	15	<.06
JUL 07...	.011	--	1.5	.51	.52	.63	7.0	870	920k	16	E.19n	15	<.06

01208370 NAUGATUCK RIVER BELOW FULLING MILL BROOK AT UNION CITY, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cadmium water, ftrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Chrom- ium, water, ftrd, ug/L (01030)	Chrom- ium, water, unfltrd recover- able, ug/L (01034)	Cobalt water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)	Copper, water, unfltrd recover- able, ug/L (01042)	Iron, water, ftrd, ug/L (01046)	Iron, water, unfltrd recover- able, ug/L (01045)	Lead, water, ftrd, ug/L (01049)	Lead, water, unfltrd recover- able, ug/L (01051)	Mangan- ese, water, ftrd, ug/L (01056)	Molyb- denum, water, ftrd, ug/L (01060)
NOV 15...	.13	.14	1.9	1.0	.259	6.0	6.6	119	230	.19	.43	46.7	1.1
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 13...	.12	.13	1.1	1.4	.351	4.3	6.7	70	380	.17	.96	54.8	.7
MAR 15...	.18	.18	1.8	2.5	.400	6.0	8.1	96	260	.28	.68	75.4	1.0
MAY 11...	.11	.13	1.8	2.2	.281	5.5	7.3	128	260	.25	.61	51.7	1.1
JUN 08...	.12	.14	2.9	3.0	.379	9.3	12.5	141	270	.32	.80	61.7	2.9
JUL 07...	.07	.22	2.9	3.6	.183	6.2	14.9	156	980	.35	4.96	38.0	1.4

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nickel, water, ftrd, ug/L (01065)	Nickel, water, unfltrd recover- able, ug/L (01067)	Silver, water, ftrd, ug/L (01075)	Zinc, water, ftrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)	Uranium natural water, ftrd, ug/L (22703)
NOV 15...	6.20	5.63	<.2	18.5	19	.07
16...	--	--	--	--	--	--
JAN 13...	4.78	5.30	<.2	18.3	24	E.03n
MAR 15...	7.06	7.88	<.2	20.7	25	.07
MAY 11...	5.98	6.57	<.2	19.1	18	.04
JUN 08...	11.8	11.1	<.2	20.4	26	.05
JUL 07...	7.64	10.3	<.2	8.8	28	E.04n

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

01208500 NAUGATUCK RIVER AT BEACON FALLS, CT

LOCATION.--Lat 41°26'32", long 73°03'47", New Haven County, Hydrologic Unit 01100005, on left bank at downstream side of bridge on Bridge St. at Beacon Falls, 0.4 mi upstream from Bronson Brook, and at mile 10.1.

DRAINAGE AREA.--260 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1918 to September 1924, September 1928 to September 1955, published as "near Naugatuck," October 1955 to current year.

REVISED RECORDS.--WSP 1171: 1918-24, 1928-49. WSP 1501: 1956 (P). WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 117.28 ft above sea level. Prior to Oct. 1, 1955, water-stage recorder at site 2.5 mi upstream at datum 37.89 ft higher. Oct. 1, 1955, to Mar. 21, 1957, nonrecording gage at present site and datum. Telephone telemetry at station. Satellite telemetry at station.

REMARKS.--Records good. Peak flows are affected by flood-control regulation at Thomaston Dam, Hall Meadow Brook Dam, Black Rock Lake, Hop Brook Lake, East Branch Dam, Northfield Brook Lake, and Hancock Brook Lake. The natural flow regime can be altered by regulation at water-supply reservoirs (Pitch, Morris, and Wigwam) and flood-control reservoirs (Thomaston Dam, Hall Meadow Brook Dam, Black Rock Lake, Hop Brook Lake East Branch Dam, Northfield Brook Lake, and Hancock Brook Lake. Flow increased by diversion from Shepaug Reservoir into Naugatuck River Basin. Town of Watertown diverts about 0.5 Mgal/d from Pomperaug River Basin into Naugatuck River about 10 mi upstream.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in November 1927 reached a stage of 14 ft, former site and datum, discharge, about 26,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,660 ft³/s, Mar. 29, gage height, 7.67 ft; minimum discharge, 42 ft³/s, Sept. 11, gage height, 0.91 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	610	217	1,360	542	407	433	1,560	923	285	163	88	115
2	462	213	1,400	516	396	415	1,880	733	248	177	86	87
3	405	207	1,050	538	386	373	2,700	765	228	135	85	74
4	350	231	789	1,140	410	344	2,780	654	213	112	83	67
5	302	509	602	986	421	349	2,500	583	198	104	82	65
6	261	371	530	823	429	357	2,090	535	185	328	86	64
7	241	288	614	750	434	371	1,620	524	190	358	85	62
8	229	249	1,000	985	437	572	1,420	502	171	532	81	58
9	219	223	801	1,170	459	503	1,060	471	164	948	82	56
10	208	204	1,040	866	726	433	888	434	148	443	80	54
11	193	199	1,240	795	747	406	781	413	152	249	77	52
12	183	221	1,030	791	559	423	701	393	149	190	74	54
13	177	266	809	819	490	400	660	351	144	217	77	54
14	186	243	682	3,010	483	382	629	337	135	169	80	52
15	240	232	569	2,110	1,840	379	576	368	126	153	116	186
16	538	239	493	1,820	1,310	386	531	559	206	141	107	153
17	378	236	495	1,260	1,220	391	504	423	458	158	89	364
18	291	231	464	829	970	412	482	351	244	160	78	329
19	769	221	449	695	647	431	456	313	185	262	75	129
20	762	213	447	721	567	451	436	288	170	170	75	95
21	493	307	384	628	579	463	415	277	136	136	76	82
22	393	295	395	528	563	530	386	289	150	119	73	74
23	341	255	956	588	544	615	823	303	149	194	71	70
24	308	287	2,110	558	497	632	2,240	337	117	146	69	65
25	289	589	1,270	563	497	618	1,390	420	107	119	66	61
26	268	522	1,050	544	446	633	845	390	101	109	66	68
27	247	383	824	486	438	670	823	370	97	166	65	90
28	226	984	550	442	409	1,580	927	518	147	142	85	79
29	216	1,190	563	441	---	3,270	730	389	304	103	93	114
30	218	812	542	458	---	2,540	700	319	273	97	90	99
31	220	---	521	434	---	2,090	---	308	---	90	95	---
TOTAL	10,223	10,637	25,029	26,836	17,311	21,852	33,533	13,840	5,580	6,590	2,535	2,972
MEAN	330	355	807	866	618	705	1,118	446	186	213	81.8	99.1
MAX	769	1,190	2,110	3,010	1,840	3,270	2,780	923	458	948	116	364
MIN	177	199	384	434	386	344	386	277	97	90	65	52

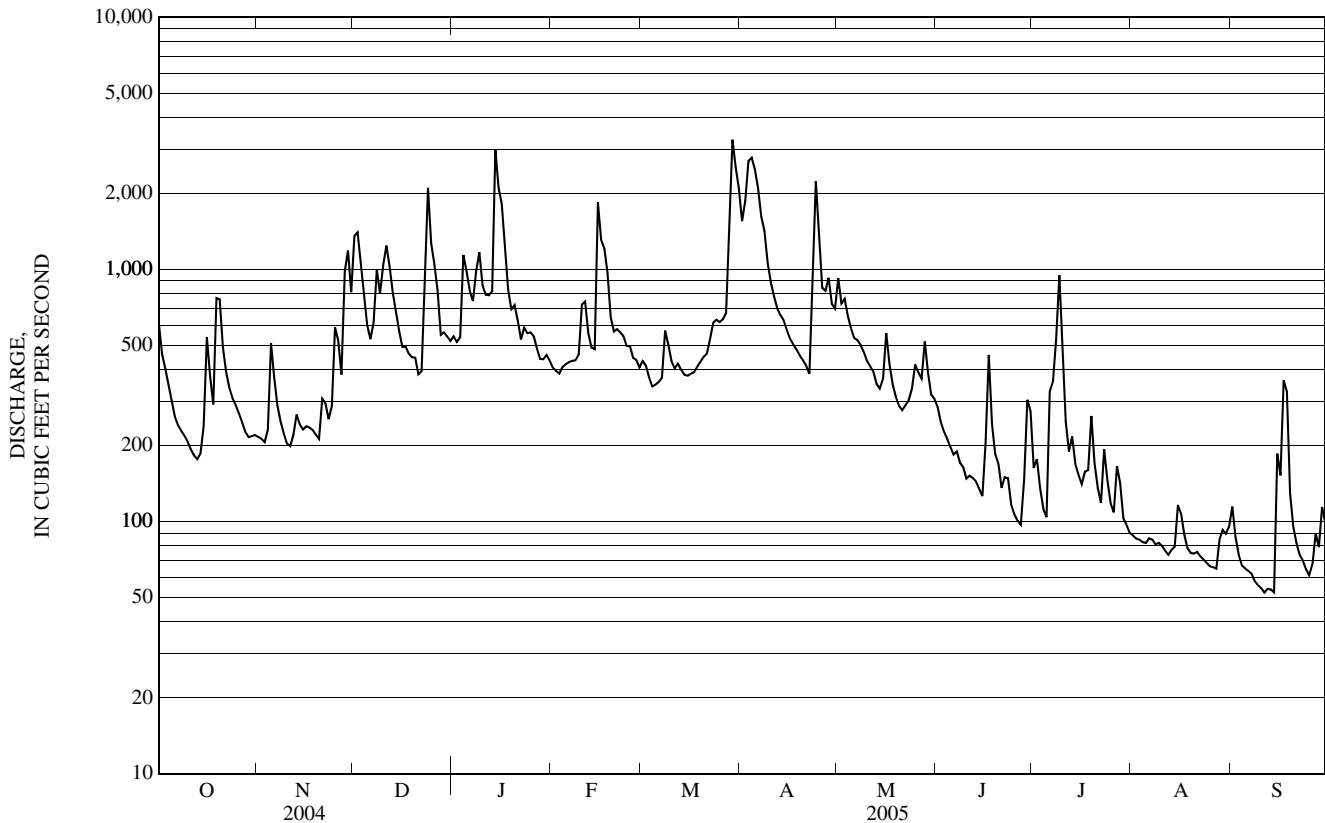
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

	324	478	584	610	603	987	958	601	411	241	249	246
MAX	2,480	1,890	1,688	2,307	1,436	2,227	2,467	2,098	1,973	957	2,920	1,301
(WY)	(1956)	(1956)	(1997)	(1979)	(1981)	(1983)	(1983)	(1989)	(1982)	(1938)	(1955)	(1938)
MIN	55.3	63.9	113	118	204	429	273	225	122	72.6	72.0	68.2
(WY)	(1931)	(1932)	(1936)	(1981)	(1934)	(2002)	(1985)	(1941)	(1957)	(1966)	(1966)	(1931)

01208500 NAUGATUCK RIVER AT BEACON FALLS, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	174,387		176,938		524	
ANNUAL MEAN	476		485		830	
HIGHEST ANNUAL MEAN					237	
LOWEST ANNUAL MEAN					56,400	
HIGHEST DAILY MEAN	3,980	Apr 14	3,270	Mar 29	1973	1965
LOWEST DAILY MEAN	97	Sep 7	d52	Sep 11	1955	1930
ANNUAL SEVEN-DAY MINIMUM	107	Sep 1	54	Sep 8	1971	1971
MAXIMUM PEAK FLOW			4,660	Mar 29	1955	1955
MAXIMUM PEAK STAGE			7.67	Mar 29	1955	1955
INSTANTANEOUS LOW FLOW			42	Sep 11	1935	1935
10 PERCENT EXCEEDS	978		985		1,120	
50 PERCENT EXCEEDS	348		379		326	
90 PERCENT EXCEEDS	146		82		106	

- a From rating curve extended above 9,000 ft³/s, on basis of slope-area measurements of peak flow at gage heights of 12.4 and 25.7 ft, use and datum then in use.
b From floodmarks.
c Also occurred Oct. 12, 1930 and Sep. 7, 1936.
d Also occurred Sep. 11,



01208500 NAUGATUCK RIVER AT BEACON FALLS, CT—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1952, 1953, 1958, published as "near Naugatuck," 1961, 1963, 1966, 1968, 1974 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 1965 to October 1967.

WATER TEMPERATURES: September 1965 to October 1967.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 2,150 microsiemens July 8, 1966; minimum recorded, 100 microsiemens Apr. 2, 3, May 26, 1967.

WATER TEMPERATURES: Maximum, 30.5° C July 3, 1966, Apr. 5, 1967; minimum, 0.0° C on many days during winter periods.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 15...	0945	228	1.1	13.3	102	7.4	260	12.5	5.0	48	13.3	3.45	3.39
16...	1240	275	--	--	--	7.6	260	--	--	--	--	--	--
JAN 13...	1000	786	2.4	13.2	99	7.0	269	5.5	3.5	35	9.84	2.65	2.33
MAR 15...	1115	378	1.8	14.4	108	7.2	312	6.0	3.5	43	11.9	3.14	2.68
MAY 11...	0845	413	1.3	10.3	101	7.3	234	17.5	14.5	42	12.0	3.03	2.86
JUN 08...	0845	166	2.0	9.0	102	7.5	314	29.5	21.5	54	15.3	3.83	4.71
JUL 07...	1300	344	7.5	9.1	102	7.6	250	24.0	22.5	45	12.6	3.21	3.26
AUG 08...	1200	77	2.5	9.9	124	8.2	413	26.0	27.0	67	19.6	4.39	7.20
SEP 20...	1145	95	2.1	9.4	109	7.7	354	22.0	22.5	60	17.6	3.88	6.43

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat fltrd incrm. titr., field, mg/L (00453)	Carbonate, wat fltrd incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
NOV 15...	28.4	26	32	--	41.4	.2	7.22	18.8	146	136	.24	.27	<.04
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 13...	34.1	18	22	--	54.3	.1	8.18	15.7	151d	144d	.25	.37	.07
MAR 15...	36.6	20	25	--	60.6	.2	7.77	18.3	168	166	.23	.32	<.04
MAY 11...	24.4	21	26	--	37.8	.2	6.70	18.8	130	132	.41	.37	.07
JUN 08...	32.7	30	37	--	49.0	.5	7.41	26.5	184	183	.56	.59	.06
JUL 07...	26.6	25	31	--	39.2	.3	4.97	20.0	146	128	.36	.72	<.04
AUG 08...	45.4	31	38	0	65.4	.9	5.31	42.3	227	230	.67	.74	E.02n
SEP 20...	39.8	36	43	--	50.5	.6	5.80	38.5	207	205	.50	.53	E.02n

01208500 NAUGATUCK RIVER AT BEACON FALLS, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, unfltrd mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, col/100 mL (90902)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)
NOV 15...	.96	.011	--	1.2	.21	.25oc	.27oc	4.8	120	3,500	17	E.11n	14
NOV 16...	--	--	--	--	--	--	--	--	480	1,040	--	--	--
JAN 13...	.83	.033	.30	1.2	.17	.195	.23oc	3.2	380k	720	22	<.20	15
MAR 15...	1.13	E.007n	--	1.4	.24	.27oc	.31oc	3.1	48	160	32	<.20	15
MAY 11...	.78	.016	.31	1.1	.30	.33oc	.36oc	3.5	61	65k	20	E.12n	18
JUN 08...	1.55	.017	.54	2.1	.79	.83	.87	5.4	63	170	27	E.18n	16
JUL 07...	.72	.010	--	1.4	.33	.34	.47	7.1	720	3,600	23	.22	13
AUG 08...	1.76	.031	--	2.5	1.05d	1.08	1.16	5.6	34k	97	38	.49	10
SEP 20...	1.27	.017	--	1.8	1.07d	1.12	1.13	5.5	160	200	17	.45	13

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, fltrd, ug/L (01030)	Chromium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover-able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover-able, ug/L (01051)	Manganese, water, fltrd, ug/L (01056)
NOV 15...	<.06	.11	.11	E.8n	E.8n	.223	5.1	5.8	127	270	.16	.32	48.5
NOV 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 13...	<.06	.13	.13	1.0	1.2	.352	4.0	6.1	95	320	.18	.73	60.1
MAR 15...	<.06	.13	.16	1.2	2.1	.371	4.5	7.0	126	320	.22	.66	87.9
MAY 11...	<.06	.11	.14	1.5	2.1	.241	4.6	6.6	165	320	.21	.66	62.4
JUN 08...	<.06	.12	.15	1.7	2.1	.300	8.0	11.2	205	400	.27	.79	72.3
JUL 07...	<.06	.06	.19	2.8	3.3	.170	5.6	13.8	213	1,040	.46	4.58	23.1
AUG 08...	<.06	.13	--	1.4	--	.377	11.4	--	167	--	.28	--	58.6
SEP 20...	<.06	.11	--	.69	--	--	8.7	--	152	--	.41	--	34.2

01208500 NAUGATUCK RIVER AT BEACON FALLS, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)	Uranium natural water, fltrd, ug/L (22703)
NOV 15...	.9	6.49	5.86	<.2	20.6	21	.05
NOV 16...	--	--	--	--	--	--	--
JAN 13...	.6	5.07	5.43	<.2	21.3	27	E.03n
MAR 15...	.6	5.79	6.57	<.2	20.8	27	.05
MAY 11...	1.0	6.17	6.94	<.2	20.9	22	E.04n
JUN 08...	2.1	11.1	10.8	E.2n	23.9	32	E.04n
JUL 07...	1.8	7.27	9.75	<.2	7.7	28	.05
AUG 08...	6.7	14.7	--	<.2	14.5	--	.04
SEP 20...	6.0	14.6	--	<.2	18.8	--	E.03n

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

01208736 NAUGATUCK RIVER AT ANSONIA, CT

LOCATION.--Lat 41° 19'50", long 73° 04'47", New Haven County, Hydrologic Unit 01100005, at bridge on Division St., at Ansonia-Derby town line, and 1.2 mi upstream from Housatonic River.

DRAINAGE AREA.--309 mi².

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

REMARKS.--Stream tidal affected.

WATER-QUALITY DATA,
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, det ang 90+/-30 correctd NTRU (63676)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
NOV 16...	1000	248	1.2	13.0	105	7.4	249	12.5	7.0	46	12.6	3.45	3.41
JAN 13...	1000	921	4.0	14.0	104	7.0	311	4.5	4.0	37	10.3	2.68	2.46
MAR 14...	1100	477	2.0	14.2	105	7.2	326	2.5	3.0	45	12.5	3.27	3.00
MAY 09...	0930	543	1.8	10.8	101	7.4	205	18.5	12.5	40	11.1	2.96	2.32
JUN 07...	0900	215	1.7	8.3	98	7.6	280	26.0	23.5	49	13.7	3.59	3.97
JUL 07...	0900	346	4.5	7.6	87	7.4	226	21.0	22.5	43	12.3	2.95	3.22
AUG 08...	1000	108	2.5	8.8	111	7.7	391	26.0	28.0	66	19.3	4.28	7.27
SEP 20...	0830	93	2.8	6.7	77	7.2	336	23.5	22.5	57	16.5	3.78	6.52

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat fltrd incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 105degC wat unfltrd mg/L (00500)	Residue on evap. at 180degC wat fltrd mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV 16...	25.6	26	31	39.3	.2	7.13	18.8	140d	144d	.31	.41	.05	1.02
JAN 13...	42.7	17	21	64.8	.1	8.22	15.4	160d	164d	.33	.43	.15	.97
MAR 14...	41.4	20	24	65.1	.1	8.21	18.4	167	170	.41	.48	.17	1.23
MAY 09...	20.6	19	23	33.0	.2	7.17	16.5	109	114	.41	.47	.18	.87
JUN 07...	28.6	28	34	43.4	.3	7.29	21.8	164	168	1.0	.95	.36	1.01
JUL 07...	23.0	23	28	33.7	.3	5.25	17.6	119	119	.40	.64	.05	.98
AUG 08...	41.7	34	41	59.0	.7	4.30	40.3	217	215	.77	.82	.06	1.36
SEP 20...	37.5	34	41	49.3	.5	4.40	32.4	186	183	.81	.84	.17	1.58

01208736 NAUGATUCK RIVER AT ANSONIA, CT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, ftrd, mg/L as N (00613)	Organic nitro- gen, water, unfltrd mg/L (00605)	Total nitro- gen, water, unfltrd mg/L (00600)	Ortho- phos- phate, water, ftrd, mg/L as P (00671)	Phos- phorus, water, ftrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Fecal coli- form, M-FC 0.45uMF col/ 100 mL (31616)	Alum- inum, water, ftrd, ug/L (01106)	Anti- mony, water, ftrd, ug/L (01095)	Barium, water, ftrd, ug/L (01005)	Beryll- ium, water, ftrd, ug/L (01010)
NOV 16...	.015	.36	1.4	.24	.27oc	.31oc	3.8	1,100	3,300	20	<.20	12	<.06
JAN 13...	.039	.28	1.4	.17	.188	.23oc	3.2	1,200	2,300	23	<.20	15	<.06
MAR 14...	.018	.32	1.7	.18	.22oc	.26oc	2.8	190	270k	22	E.11n	15	<.06
MAY 09...	.015	.29	1.3	.16	.193	.22oc	3.0	43	42	26	E.10n	15	E.04n
JUN 07...	.031	.59	2.0	.44	.46	.53	4.4	13,000	23,000	22	E.18n	14	<.06
JUL 07...	.015	.59	1.6	.44	.46	.54	6.3	580	1,300	12	.26	12	<.06
AUG 08...	.036	.76	2.2	1.00	1.03	1.11	6.3	45k	66k	32	.45	8	<.06
SEP 20...	.036	.67	2.4	.57	.63	.69	E5.0	2,500	2,600	14	.45	12	<.06

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cadmium water, ftrd, ug/L (01025)	Chrom- ium, water, ftrd, ug/L (01030)	Cobalt water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)	Iron, water, ftrd, ug/L (01046)	Lead, water, ftrd, ug/L (01049)	Mangan- ese, water, ftrd, ug/L (01056)	Molyb- denum, water, ftrd, ug/L (01060)	Nickel, water, ftrd, ug/L (01065)	Silver, water, ftrd, ug/L (01075)	Zinc, water, ftrd, ug/L (01090)	Uranium natural water, ftrd, ug/L (22703)
NOV 16...	.10	E.5n	.204	12.4	170	.22	44.8	.8	5.34	<.2	16.6	.06
JAN 13...	.14	E.7n	.327	7.1	104	.23	59.9	.6	4.34	<.2	26.7	E.03n
MAR 14...	.16	1.0	.375	12.6	106	.19	90.7	.6	6.68	<.2	22.6	.04
MAY 09...	.12	1.3	.232	14.2	185	.25	62.9	.8	5.83	<.2	20.0	E.04n
JUN 07...	.12	1.4	.240	24.5	143	.23	50.7	1.4	7.11	<.2	15.9	.04
JUL 07...	.06	.9	.131	10.4	104	.35	24.2	1.9	4.87	<.2	8.0	E.03n
AUG 08...	.15	.8	.449	25.3	118	.38	40.8	5.5	12.7	<.2	11.6	.06
SEP 20...	.09	.99	--	16.1	110	.49	66.7	3.5	10.4	<.2	13.9	E.03n

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c -- See laboratory comment

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RESERVOIRS IN HOUSATONIC RIVER BASIN

- 01201000 CANDLEWOOD LAKE (ROCKY RIVER RESERVOIR).**--Lat 41°35'00", long 73°26'00", Litchfield County, Conn., Hydrologic Unit 01100005, on Rocky River, 2 mi west of New Milford. Drainage area, 40.5 mi². Usable capacity, 6,210,000,000 ft³. Records available, August 1928 to current year. Completed in 1928 for storage of water for power; impounds water pumped from the Housatonic River during off peak power periods. Records furnished by Connecticut Light and Power Company.
- 01201999 CAIRNS RESERVOIR.**--Lat 41°44'40", long 73°18'05", Litchfield County, Conn., Hydrologic Unit 01100005, on West Branch Shepaug River, 2.6 mi north of Woodville. Drainage area, 10.2 mi². Usable capacity, 360,000,000 ft³. Records available November 1964 to current year. Completed in 1964 for storage of water for municipal supply of city of Waterbury. Records furnished by Bureau of Engineering, city of Waterbury.
- 01202000 SHEPAUG RESERVOIR.**--Lat 41°43'24", long 73°17'37", Litchfield County, Conn., Hydrologic Unit 01100005, on Shepaug River 1 mi north of Woodville. Drainage area, 38.0 mi². Usable capacity, 96,100,000 ft³, of which 76,900,000 ft³ can be diverted for municipal supply. Storage below diversion intake can be released through floodgates or through a fountain at toe of dam. Records available, January 1933 to current year. Completed in September 1933 for storage of water for municipal supply of city of Waterbury. Records furnished by Bureau of Engineering, city of Waterbury.
- 01203500 LAKE LILLINONAH.**--Lat 41°26'52", long 73°17'49", New Haven County, Conn., Hydrologic Unit 01100005, on Housatonic River, and Fairfield County, Conn., 2.3 mi north of Newtown. Drainage area, 1,392 mi². Usable capacity above taintor gate sills, 1,756,000,000 ft³. Normal operating volume, 235,000,000 ft³. Records available, January 1955 to current year. Completed in 1955 for storage of water for power. Records furnished by Connecticut Light and Power Company.
- 01205000 LAKE ZOAR.**--Lat 41°23'00", long 73°10'18", Fairfield County, Conn., Hydrologic Unit 01100005, on Housatonic River at Stevenson. Drainage area, 1,541 mi². Usable capacity, 340,000,000 ft³, revised. Records available, August 1928 to current year. Completed in 1919 for storage of water for power. Records furnished by Connecticut Light and Power Company.
- 01205560 HALL MEADOW BROOK DETENTION RESERVOIR.**--Lat 41°52'10", long 73°10'04", Litchfield County, Conn., Hydrologic Unit 01100005, on Hall Meadow Brook in West Branch Naugatuck River basin, 5.2 mi north of Torrington. Drainage area, 12.0 mi². Usable capacity, 375,000,000 ft³. Records available, October 1964 to current year. Completed in 1962 by Corps of Engineers for recreation and flood control. Operated and maintained by Parks and Recreation Unit of Connecticut Department of Environmental Protection. Records furnished by Corps of Engineers.
- 01205610 LAKE WINCHESTER.**--Lat 41°54'27", long 73°09'08", Litchfield County, Conn., Hydrologic Unit 01100005, 1 mi northwest of Winchester on East Branch Naugatuck River. Drainage area, 2.18 mi². Usable capacity, 116,200,000 ft³ based on lake survey by the Connecticut Board of Fisheries and Game. Records available, September 1965 to current year. Completed in 1926 for storage of water for power. Lake is presently used for conservation and recreation.
- 01205650 EAST BRANCH DETENTION RESERVOIR.**--Lat 41°50'13", long 73°07'15", Litchfield County, Conn., Hydrologic Unit 01100005, on East Branch Naugatuck River, 2.3 mi north of Torrington. Drainage area, 9.30 mi². Usable capacity, 189,500,000 ft³. Records available, March 1965 to current year. Completed in 1964 by Corps of Engineers for recreation and flood control. Operated and maintained by Parks and Recreation Unit of Connecticut Department of Environmental Protection. Records furnished by Corps of Engineers.
- 01206600 THOMASTON RESERVOIR.**--Lat 41°41'41", long 73°03'44", Litchfield County, Conn., Hydrologic Unit 01100005, on Naugatuck River 0.2 mi downstream from Leadmine Brook, 1.5 mi north of Thomaston, and at mile 31.0. Drainage area, 96.1 mi². Usable capacity, 1,830,000,000 ft³. Records available, January 1961 to current year. Completed in December 1960 by Corps of Engineers for flood control. Records furnished by Corps of Engineers.
- 01206940 NORTHFIELD BROOK LAKE.**--Lat 41°40'48", long 73°05'27", Litchfield County, Conn., Hydrologic Unit 01100005, on Northfield Brook in Naugatuck River basin, 1 mi northwest of Thomaston. Drainage area, 5.52 mi². Usable capacity, 104,000,000 ft³. Permanent pool capacity, 3,600,000 ft³. Records available, September 1965 to current year. Completed in 1965 by Corps of Engineers for recreation and flood control. Records furnished by Corps of Engineers.

HOUSATONIC RIVER BASIN

RESERVOIRS IN HOUSATONIC RIVER BASIN--Continued

01207000 PITCH RESERVOIR.--Lat 41°41'34", long 73°09'04", Litchfield County, Conn., Hydrologic Unit 01100005, on Branch Brook in Naugatuck River basin, 4 mi northwest of Thomaston. Drainage area, 5.93 mi². Usable capacity, 189,000,000 ft³. Records available, October 1943 to current year. Completed in 1943 for storage of water for municipal supply of city of Waterbury. Records furnished by Bureau of Engineering, city of Waterbury.

01207500 MORRIS RESERVOIR.--Lat 41°40'29", long 73°08'39", Litchfield County, Conn., Hydrologic Unit 01100005, on Branch Brook in Naugatuck River basin, 3.5 mi west of Thomaston. Drainage area, including Pitch Reservoir, 13.0 mi². Usable capacity, 265,600,000 ft³. Records available, May 1918 to September 1924, September 1928 to current year. Completed in 1913 for storage of water for municipal supply of city of Waterbury. Records furnished by Bureau of Engineering, city of Waterbury.

01208000 WIGWAM RESERVOIR.--Lat 41°39'50", long 73°07'41", Litchfield County, Conn., Hydrologic Unit 01100005, on Branch Brook in Naugatuck River basin, 3 mi west of Thomaston. Drainage area, including Pitch and Morris Reservoirs, 17.5 mi². Usable capacity, 98,500,000 ft³. Records available, May 1918 to September 1924, September 1928 to current year. Completed in 1902 for storage of water for municipal supply of city of Waterbury. Records furnished by Bureau of Engineering, city of Waterbury.

01208011 BLACK ROCK LAKE.--Lat 41°39'26", long 73°06'13", Litchfield County, Conn., Hydrologic Unit 01100005, on Branch Brook in Naugatuck River basin, 1.8 mi southwest of Thomaston. Drainage area, 20.5 mi². Usable capacity, 373,000,000 ft³. Permanent pool capacity, 11,543,000 ft³. Records available, October 1970 to current year. Completed in 1970 by Corps of Engineers for recreation and flood control. Records furnished by Corps of Engineers.

01208130 HANCOCK BROOK LAKE.--Lat 41°37'23", long 73°02'12", Litchfield County, Conn., Hydrologic Unit 01100005, on Hancock Brook in Naugatuck River basin, 1.1 mi southwest of Hancock. Drainage area, 11.9 mi². Usable capacity 170,000,000 ft³. Permanent pool capacity, 5,700,000 ft³. Records available, September 1965 to current year. Completed in 1965 by Corps of Engineers for recreation and flood control. Records furnished by Corps of Engineers.

01208410 HOP BROOK LAKE.--Lat 41°30'50", long 73°04'03", New Haven County, Conn., Hydrologic Unit 01100005, on Hop Brook in Naugatuck River basin, 1.2 mi northwest of Union City. Drainage area, 16.0 mi². Usable capacity, 304,000,000 ft³. Records available, February 1969 to current year. Completed in 1969 by Corps of Engineers for recreation and flood control. Records furnished by Corps of Engineers.

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