

01208873 ROOSTER RIVER AT FAIRFIELD, CT

LOCATION.--Lat 41° 10'47", long 73° 13'10", Fairfield County, Hydrologic Unit 01100006, on left bank, on floodwall, at corner of Renwick Drive and Renwick Place, Bridgeport.

DRAINAGE AREA.--10.6 mi².

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.44 ft above sea level. Prior to June 22, 1988, at site 1,300 ft downstream at datum 3.06 ft lower.

REMARKS.--Records good except those for periods of estimated record, which are fair. Prior to June 22, 1988, stage sometimes affected by tide.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,130 ft³/s, June 29, gage height, 8.59 ft; minimum discharge, 1.2 ft³/s, Aug. 3, Sept. 17, 30, gage height, 2.87 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	14	4.5	86	e6.0	e6.5	11	24	26	6.3	7.6	1.9	2.3
2	12	4.5	22	e5.7	e6.0	9.9	137	24	6.1	6.2	1.6	2.3
3	11	5.7	17	18	e5.5	9.3	58	19	6.0	5.0	1.4	2.3
4	9.9	28	15	37	14	8.7	34	15	7.1	4.6	1.4	2.3
5	8.9	14	14	16	12	8.6	29	14	5.9	4.3	1.9	2.3
6	8.3	6.6	13	26	11	8.5	25	13	5.7	4.2	1.4	2.3
7	7.9	6.1	25	20	11	10	24	14	5.7	4.0	1.4	1.9
8	7.4	6.0	24	64	11	20	41	13	5.5	107	1.3	1.7
9	7.3	5.5	16	26	11	13	22	12	5.1	15	1.3	1.7
10	6.9	5.8	36	21	19	10	20	11	5.0	7.6	1.3	1.7
11	6.5	6.0	21	20	13	10	18	11	4.8	6.1	1.3	1.7
12	6.3	20	16	30	11	14	16	11	4.8	5.3	8.2	1.7
13	6.1	19	15	29	11	10	15	10	4.5	5.1	2.5	1.8
14	6.0	7.5	14	84	48	9.7	14	9.6	4.5	4.8	41	1.7
15	30	6.8	e12.5	34	66	10	13	9.3	4.3	4.5	15	48
16	11	6.5	e12	26	25	10	13	8.8	13	4.1	2.4	3.6
17	5.9	6.3	e11.5	23	18	10	13	8.5	5.6	4.3	2.0	58
18	5.2	6.3	e11	19	16	10	12	8.1	3.8	4.2	1.6	4.9
19	29	6.0	e10.5	18	13	10	12	8.0	3.6	3.7	1.5	1.9
20	7.7	8.1	e10	e15.5	12	10	11	7.7	3.5	3.5	1.4	1.7
21	6.2	12	e9.5	e15	13	10	11	12	3.5	3.3	1.4	1.5
22	5.5	6.2	e9.0	e14	14	9.7	10	17	22	3.2	1.4	1.4
23	5.3	5.8	e13	e13	14	10	47	8.8	4.3	3.1	1.4	1.4
24	5.1	19	19	e12	12	20	41	11	3.5	3.1	1.4	1.4
25	5.1	26	12	e11	12	13	15	17	3.3	2.7	1.3	1.4
26	4.9	9.2	e10	e10	11	12	13	9.2	3.2	2.6	1.3	6.3
27	4.8	7.5	e9.0	e9.0	9.9	11	41	8.8	3.3	14	1.3	3.3
28	4.6	61	e8.5	e8.5	9.7	158	49	7.7	65	3.3	1.3	1.3
29	4.5	15	e8.0	e8.0	---	71	18	21	120	2.1	1.4	2.1
30	4.5	11	e7.0	e7.5	---	32	26	8.8	16	2.0	2.5	1.3
31	4.8	---	e6.5	e7.0	---	26	---	6.6	---	1.9	2.2	---
TOTAL	262.6	351.9	542.0	653.2	435.6	585.4	822	380.9	354.9	252.4	108.7	167.2
MEAN	8.47	11.7	17.5	21.1	15.6	18.9	27.4	12.3	11.8	8.14	3.51	5.57
MAX	30	61	86	84	66	158	137	26	120	107	41	58
MIN	4.5	4.5	6.5	5.7	5.5	8.5	10	6.6	3.2	1.9	1.3	1.3
CFSM	0.80	1.11	1.65	1.99	1.47	1.78	2.58	1.16	1.12	0.77	0.33	0.53
IN.	0.92	1.23	1.90	2.29	1.53	2.05	2.88	1.34	1.25	0.89	0.38	0.59

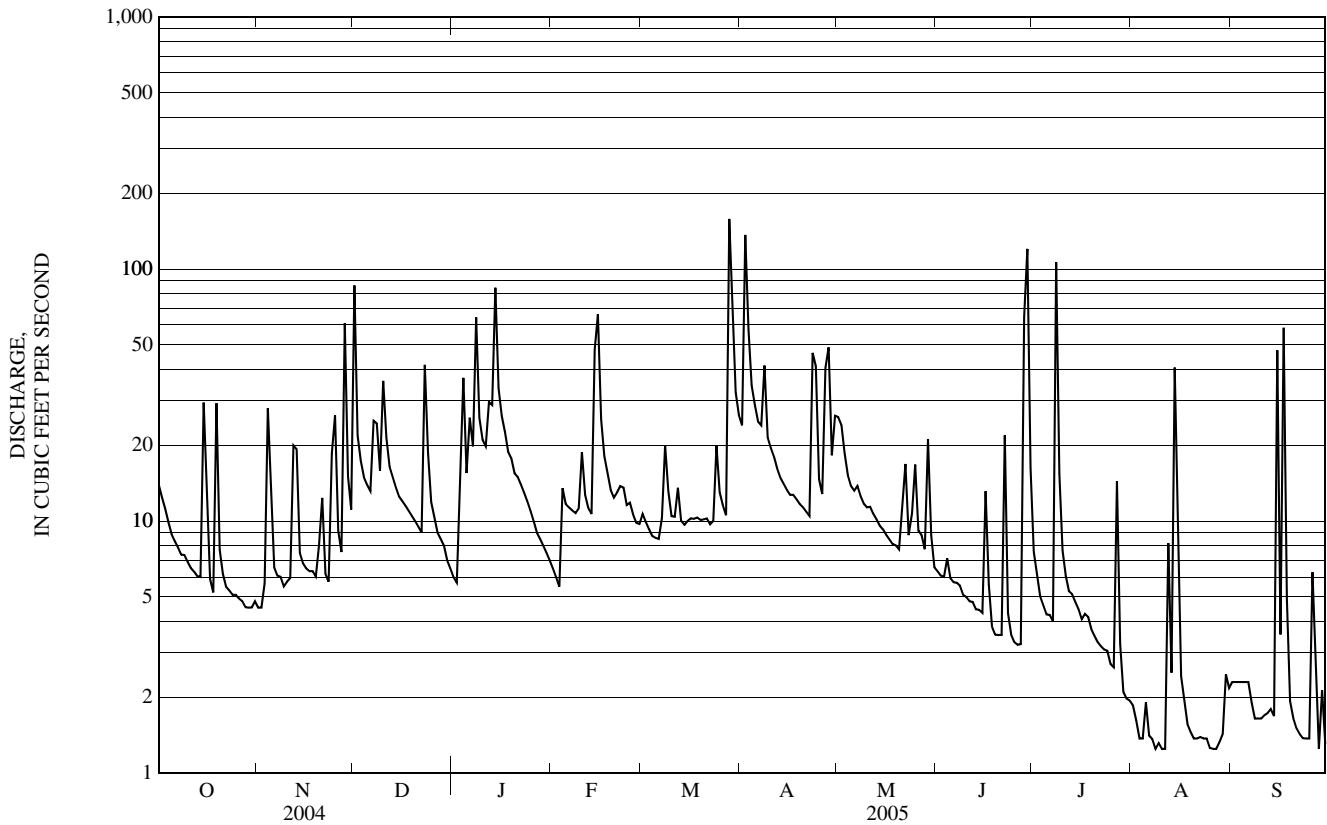
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

MEAN	10.9	15.1	17.4	19.9	17.2	23.0	24.0	19.7	15.4	9.08	10.5	10.2
MAX	34.1	34.0	42.1	74.1	34.1	45.0	75.1	71.2	65.1	23.1	31.9	23.9
(WY)	(1990)	(1989)	(1997)	(1979)	(1979)	(1983)	(1983)	(1989)	(1982)	(1984)	(1992)	(2000)
MIN	3.42	3.50	2.25	3.68	4.57	8.78	6.08	6.28	3.73	2.30	1.38	3.04
(WY)	(2002)	(2002)	(1999)	(1981)	(2002)	(1985)	(1985)	(1986)	(1999)	(1999)	(1981)	(1986)
e	Estimated											

01208873 ROOSTER RIVER AT FAIRFIELD, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1977 - 2005	
ANNUAL TOTAL	5,676.6		4,916.8		16.0	
ANNUAL MEAN	15.5		13.5		7.26	
HIGHEST ANNUAL MEAN					24.3	1978
LOWEST ANNUAL MEAN					7.26	1985
HIGHEST DAILY MEAN	278	Apr 13	158	Mar 28	858	Jan 21, 1979
LOWEST DAILY MEAN	2.7	Jul 2	a1.3	Aug 8	0.53	Sep 13, 1980
ANNUAL SEVEN-DAY MINIMUM	3.8	Jun 28	1.3	Aug 22	0.74	Sep 9, 1980
MAXIMUM PEAK FLOW			1,130	Jun 29	2,170	Apr 9, 1980
MAXIMUM PEAK STAGE			8.59	Jun 29	11.65	Apr 9, 1980
INSTANTANEOUS LOW FLOW			1.2	Aug 3	0.16	Oct 2, 1980
ANNUAL RUNOFF (CFSM)	1.46		1.27		1.51	
ANNUAL RUNOFF (INCHES)	19.92		17.26		20.54	
10 PERCENT EXCEEDS	27		26		30	
50 PERCENT EXCEEDS	8.9		9.2		9.4	
90 PERCENT EXCEEDS	4.5		1.9		2.6	

a Also occurred on many days.



MILL RIVER BASIN

01208925 MILL RIVER NEAR FAIRFIELD, CT

LOCATION.--Lat 41° 09'55", long 73° 16'14", Fairfield County, Hydrologic Unit 01100006, on right bank just downstream from bridge on Duck Farm Rd., 1.5 mi north of Fairfield, 18.3 mi downstream from headwater of Aspetuck River, 14.0 mi downstream from headwater of Mill River, and 2.3 mi upstream from mouth at Southport Harbor.

DRAINAGE AREA.--28.6 mi².

PERIOD OF RECORD.--October 1972 to current year.

REVISED RECORDS.--WDR CT-80-1: 1973-74, 1976-79 (P). WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 15.89 ft above sea level.

REMARKS.--Records good, except those for periods of estimated record, which are fair. Flow completely regulated by Easton, Hemlock, and Samp Mortar Reservoirs, usable capacity 609,900,000 ft³, diversions into Hemlock Reservoir from Aspetuck Reservoir in the Aspetuck River Basin and by diversions from Hemlock and Easton Reservoirs for water supply of the cities of Bridgeport and Fairfield.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 433 ft³/s, Mar. 29, gage height, 4.05 ft; minimum discharge, 3.3 ft³/s, Nov. 6, 7, 8, gage height, 0.96 ft.

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

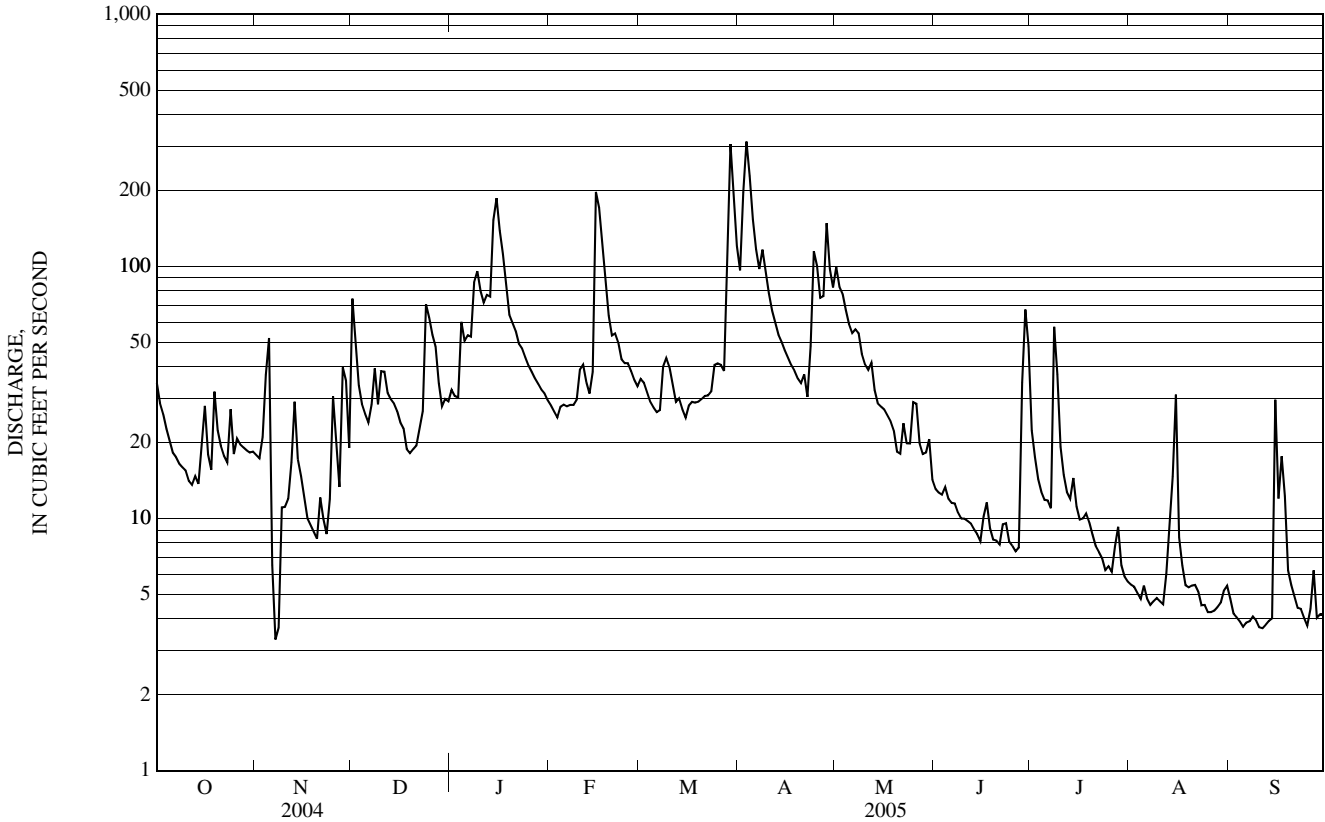
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	18	75	e32	28	36	97	99	13	22	5.5	4.8
2	29	17	51	31	27	35	197	83	13	18	5.4	4.2
3	26	21	34	30	25	32	313	78	12	14	5.1	4.1
4	23	37	28	60	28	29	229	67	13	13	4.8	3.9
5	20	52	26	e51	28	28	154	59	12	12	5.4	3.7
6	18	6.5	24	e53	28	26	117	54	12	12	4.8	3.9
7	18	3.3	28	e53	28	27	98	56	11	11	4.5	3.9
8	17	3.7	39	86	28	40	117	54	11	58	4.7	4.1
9	16	11	28	96	30	43	96	45	10	37	4.8	4.0
10	16	11	38	80	39	40	78	41	10	19	4.7	3.7
11	14	12	38	72	41	e34	67	39	9.8	15	4.6	3.7
12	14	17	32	77	35	e29	60	41	9.6	13	6.0	3.8
13	15	29	30	76	31	e30	54	32	9.1	12	9.0	3.9
14	14	17	e29	153	38	e27	50	29	8.7	14	15	4.0
15	20	15	e27	187	197	e25	47	28	8.1	11	31	30
16	28	12	e24	139	171	e28	43	27	10	9.9	8.4	12
17	18	10	e23	112	117	e29	41	26	12	10	6.5	18
18	16	9.4	e19	86	85	29	39	24	9.2	10	5.4	12
19	32	8.9	e18	64	64	29	36	22	8.3	9.6	5.3	6.2
20	22	8.3	e19	60	53	30	34	18	8.2	8.6	5.4	5.4
21	19	12	e19	55	54	31	37	18	7.9	7.8	5.5	4.9
22	18	10	e23	49	50	31	30	24	9.5	7.4	5.1	4.4
23	17	8.7	e27	e47	43	32	48	20	9.6	6.9	4.5	4.4
24	27	12	71	44	41	41	115	20	8.1	6.2	4.5	4.0
25	18	30	63	e40	41	41	101	29	7.8	6.5	4.3	3.8
26	21	20	54	e38	38	41	75	29	7.4	6.1	4.3	4.4
27	20	13	e48	e36	36	38	76	20	7.7	7.7	4.3	6.2
28	19	40	34	34	33	133	149	18	35	9.3	4.5	4.0
29	19	35	e28	32	---	306	98	18	67	6.5	4.6	4.2
30	18	19	e30	31	---	181	83	21	48	5.9	5.2	4.2
31	18	---	e29	29	---	121	---	14	---	5.6	5.4	---
TOTAL	624	518.8	1,056	2,033	1,457	1,622	2,779	1,153	418.0	405.0	198.5	183.8
MEAN	20.1	17.3	34.1	65.6	52.0	52.3	92.6	37.2	13.9	13.1	6.40	6.13
MAX	34	52	75	187	197	306	313	99	67	58	31	30
MIN	14	3.3	18	29	25	25	30	14	7.4	5.6	4.3	3.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2005, BY WATER YEAR (WY)

MEAN	18.1	27.7	44.1	47.1	44.8	70.4	78.4	51.2	32.9	14.9	14.2	14.5
MAX	64.1	80.3	165	176	103	168	276	216	195	71.7	63.6	42.2
(WY)	(1997)	(1997)	(1997)	(1979)	(1973)	(1983)	(1983)	(1989)	(1982)	(1984)	(1992)	(1994)
MIN	2.98	8.00	7.04	3.13	6.62	15.1	12.1	10.2	2.74	0.93	1.72	2.16
(WY)	(1985)	(1999)	(1983)	(1981)	(2002)	(2002)	(1985)	(1986)	(1987)	(1987)	(1987)	(1983)
e	Estimated											

01208925 MILL RIVER NEAR FAIRFIELD, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1973 - 2005	
ANNUAL TOTAL	13,890.1		12,448.1		38.1	
ANNUAL MEAN	38.0		34.1		12.0	
HIGHEST ANNUAL MEAN					62.4	1984
LOWEST ANNUAL MEAN					12.0	1985
HIGHEST DAILY MEAN	545	Apr 14	313	Apr 3	1,300	Jun 6, 1982
LOWEST DAILY MEAN	3.3	Nov 7	3.3	Nov 7	0.00	Nov 7, 1979
ANNUAL SEVEN-DAY MINIMUM	8.8	Jun 28	3.9	Sep 5	0.71	Jul 16, 1987
MAXIMUM PEAK FLOW			433	Mar 29	1,800	Apr 10, 1980
MAXIMUM PEAK STAGE			4.05	Mar 29	7.15	Apr 10, 1980
INSTANTANEOUS LOW FLOW			3.3	Nov 6	0.00	Nov 7, 1979
10 PERCENT EXCEEDS	77		76		85	
50 PERCENT EXCEEDS	25		24		21	
90 PERCENT EXCEEDS	10		4.8		4.1	



01208950 SASCO BROOK NEAR SOUTHPORT, CT

LOCATION.--Lat 41° 09'10", long 73° 18'23", Fairfield County, Hydrologic Unit 01100006, on left downstream abutment of bridge on Hulls Farm Rd., 1.5 mi northwest of Southport.

DRAINAGE AREA.--7.38 mi².

PERIOD OF RECORD.--Occasional low-flow measurements and annual maximum, water years 1961-64. October 1964 to current year.

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 52.01 ft above sea level. Sept. 6, 1960, to Oct. 6, 1964, crest-stage gage, Oct. 7, 1964 to June 16, 1966, water-stage recorder, and June 17, 1966, to Apr. 27, 1969, nonrecording gage and crest-stage gage at same site and datum. Telephone telemetry at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	0015	*172	*3.09	No other peak greater than base discharge.			

Minimum discharge, 0.09 ft³/s, on several days, gage height, 0.89 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	23	5.2	56	11	9.5	12	24	30	4.0	10	0.36	0.43
2	17	4.5	39	11	9.1	11	78	20	4.0	5.8	0.31	0.34
3	15	4.3	23	11	9.0	11	82	20	3.5	3.6	0.30	0.25
4	13	6.5	18	30	12	9.7	41	15	4.3	2.7	0.28	0.16
5	11	17	16	19	13	9.7	30	13	4.0	2.2	0.30	0.13
6	10	8.2	15	22	14	9.7	25	12	3.3	2.0	0.37	0.11
7	9.2	5.9	19	24	14	12	23	12	3.1	1.8	0.26	0.14
8	8.7	5.1	32	40	14	22	39	12	2.6	26	0.24	0.11
9	8.2	4.4	20	36	16	17	25	10	2.2	25	0.23	0.10
10	8.0	4.2	31	25	22	13	21	9.6	1.9	8.3	0.24	0.09
11	7.2	4.2	32	23	17	11	18	9.5	1.8	4.8	0.21	0.09
12	6.3	7.6	21	27	13	12	16	8.2	1.6	3.1	0.21	0.09
13	6.1	21	18	32	12	12	16	7.4	1.5	2.6	0.69	0.09
14	6.6	11	16	60	17	12	15	7.7	1.5	2.3	6.5	0.10
15	11	8.1	13	45	77	13	13	7.3	1.1	2.1	20	5.1
16	17	6.7	12	27	33	14	12	7.2	1.2	1.8	4.6	2.0
17	10	6.0	e10	23	25	14	12	6.7	1.7	1.8	2.4	4.7
18	7.8	5.7	e9.8	e15	18	14	12	6.4	1.5	2.1	1.5	5.0
19	20	5.6	e9.5	e13	14	13	11	5.5	1.4	2.0	1.3	1.4
20	15	5.8	e9.5	e12	13	13	11	5.2	1.2	1.8	1.2	1.2
21	10	11	10	e11	14	14	10	4.9	1.0	1.4	1.1	1.5
22	8.5	8.3	10	11	14	13	9.7	6.8	0.95	1.3	1.0	1.3
23	7.3	6.6	18	e11	16	12	20	7.0	0.84	1.0	0.80	0.90
24	6.8	8.3	29	e10	14	18	40	6.6	0.80	0.80	0.69	0.67
25	6.5	28	15	e10	13	19	19	9.0	0.80	0.69	0.60	0.52
26	6.2	16	12	e9.7	12	16	14	9.0	0.80	0.56	0.51	0.58
27	6.0	10	11	e10	12	13	20	7.1	0.64	0.56	0.41	0.92
28	5.6	30	9.4	e10	11	67	34	7.1	4.0	0.64	0.38	0.82
29	5.3	28	10	e9.7	---	100	19	6.1	38	0.59	0.40	0.69
30	5.4	15	11	e10	---	38	19	5.2	40	0.47	0.61	0.76
31	5.2	---	11	e9.7	---	27	---	4.8	---	0.42	0.59	---
TOTAL	302.9	308.2	566.2	618.1	477.6	592.1	728.7	298.3	135.23	120.23	48.59	30.29
MEAN	9.77	10.3	18.3	19.9	17.1	19.1	24.3	9.62	4.51	3.88	1.57	1.01
MAX	23	30	56	60	77	100	82	30	40	26	20	5.1
MIN	5.2	4.2	9.4	9.7	9.0	9.7	9.7	4.8	0.64	0.42	0.21	0.09
CFSM	1.32	1.39	2.47	2.70	2.31	2.59	3.29	1.30	0.61	0.53	0.21	0.14
IN.	1.53	1.55	2.85	3.12	2.41	2.98	3.67	1.50	0.68	0.61	0.24	0.15

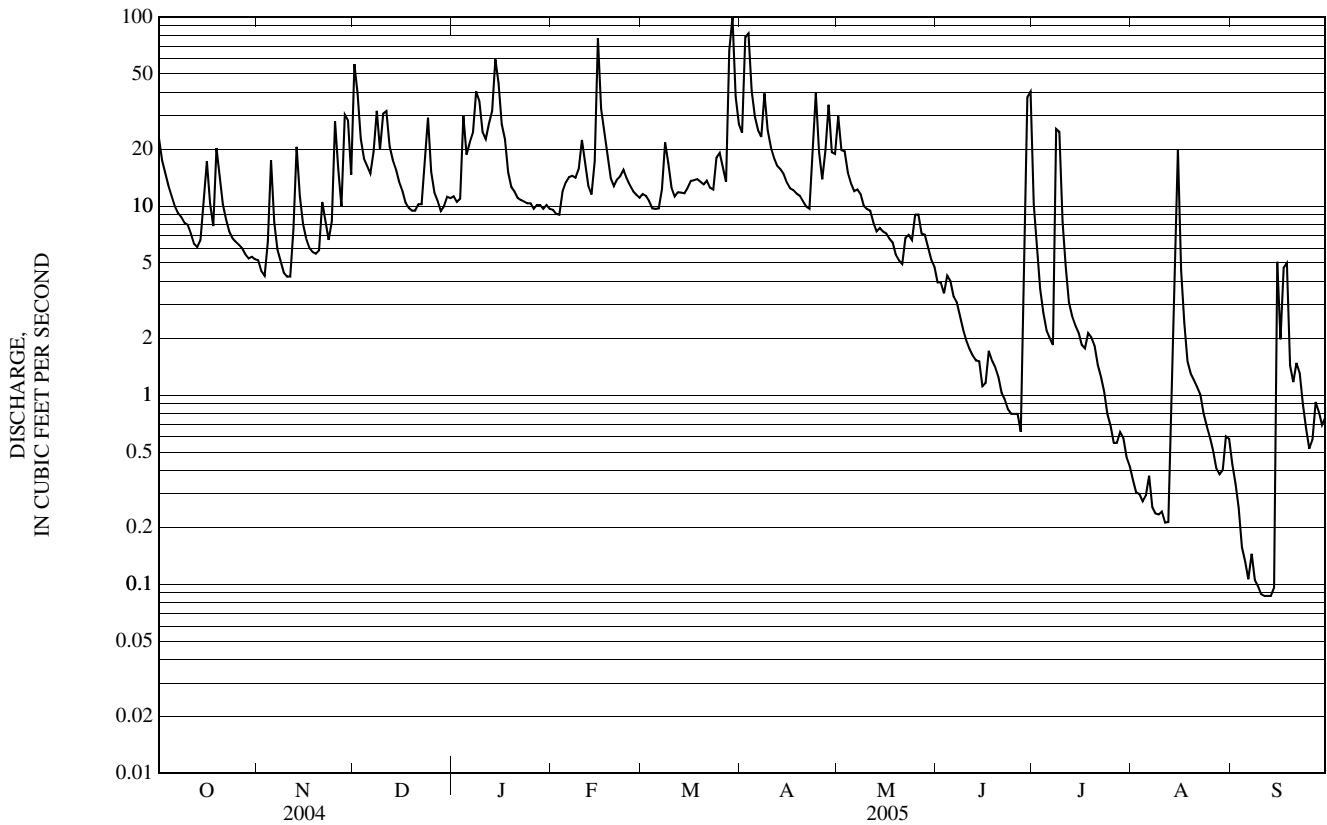
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	6.73	12.1	18.0	17.3	17.6	25.0	23.6	16.7	11.8	4.47	4.13	5.02
MAX	25.0	26.4	46.1	60.3	36.9	46.4	82.2	79.1	79.2	21.1	18.9	20.6
(WY)	(1997)	(1978)	(1997)	(1979)	(1970)	(1983)	(1983)	(1989)	(1972)	(1984)	(1992)	(1974)
MIN	0.22	0.84	0.50	1.97	4.38	9.56	6.34	3.69	1.35	0.22	0.08	0.16
(WY)	(1965)	(1966)	(1999)	(1966)	(2002)	(1981)	(1985)	(1986)	(1999)	(1966)	(1966)	(1980)

e Estimated

01208950 SASCO BROOK NEAR SOUTHPORT, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	5,330.68		4,226.44		13.5	
ANNUAL MEAN	14.6		11.6		22.2	
HIGHEST ANNUAL MEAN					1984	
LOWEST ANNUAL MEAN					4.47	
HIGHEST DAILY MEAN	159	Sep 18	100	Mar 29	785	Jun 19, 1972
LOWEST DAILY MEAN	0.80	Jul 4	0.09	Sep 10	0.00	Jul 26, 1993
ANNUAL SEVEN-DAY MINIMUM	1.5	Jun 28	0.10	Sep 8	0.01	Oct 6, 1964
MAXIMUM PEAK FLOW			172	Mar 29	1,640	Jun 19, 1972
MAXIMUM PEAK STAGE			3.09	Mar 29	7.00	Jun 19, 1972
INSTANTANEOUS LOW FLOW			0.09	Sep 9	0.00	Jul 23, 1991
ANNUAL RUNOFF (CF5M)	1.97		1.57		1.83	
ANNUAL RUNOFF (INCHES)	26.87		21.30		24.87	
10 PERCENT EXCEEDS	28		25		29	
50 PERCENT EXCEEDS	10		9.6		7.9	
90 PERCENT EXCEEDS	2.9		0.59		0.75	



SAUGATUCK RIVER BASIN

01208990 SAUGATUCK RIVER NEAR REDDING, CT

LOCATION.--Lat 41° 17'40", long 73° 23'44", Fairfield County, Hydrologic Unit 01100006, on right downstream side of bridge on State Rt. 53, 100 ft south of intersection of State Rts. 53 and 107, 0.8 mi upstream from Saugatuck Reservoir, and 1.0 mi southwest of Redding.

DRAINAGE AREA.--21.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1961-64, and annual maximum, water years 1962-64. October 1964 to current year.

REVISED RECORDS.--WDR CT-80-1: 1976-79 (P). WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 285.42 ft above sea level. Nov. 7, 1961, to Oct. 4, 1964, crest-stage gage, Oct. 1, 1964 to Apr. 25, 1966, water-stage recorder, and Apr. 26, 1966, to Sept. 30, 1969, nonrecording gage and crest-stage gage at same site and datum. Telephone telemetry at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 180 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 1	1315	199	2.95	Feb 15	0215	253	3.19
Dec 23	2200	186	2.89	Mar 29	0515	263	3.23
Jan 14	1630	244	3.15	Apr 2	2315	*468	*3.80

Minimum discharge, 0.39 ft³/s, Sep. 26, gage height, 0.62 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	17	137	49	32	33	111	59	14	18	2.3	2.5
2	64	16	141	46	30	33	196	52	13	23	2.1	2.1
3	52	15	108	46	29	e28	434	50	12	14	2.0	1.7
4	43	17	84	84	31	e25	276	49	13	11	2.1	1.5
5	36	33	72	66	32	e25	181	41	12	8.0	1.8	1.4
6	32	25	62	66	31	e24	138	35	10	43	1.6	1.3
7	28	23	70	65	30	e27	113	34	12	33	1.5	1.1
8	25	20	86	82	29	e29	128	32	10	57	1.4	1.0
9	24	18	70	92	32	e30	107	31	9.8	64	1.3	1.9
10	22	17	90	76	44	e28	89	29	8.5	37	1.4	1.5
11	21	16	96	67	36	31	75	28	7.9	23	1.3	1.1
12	20	21	81	70	29	30	65	27	7.3	16	1.1	0.87
13	19	32	69	79	27	29	57	25	6.3	12	1.2	0.75
14	18	28	59	192	39	28	47	23	5.5	10	e48	0.63
15	35	25	51	200	180	28	46	28	4.8	8.8	e19	0.77
16	48	24	e45	148	103	29	44	25	11	7.8	e10	1.5
17	37	33	e45	116	87	30	41	21	19	7.3	e6.9	e1.4
18	30	25	e41	e91	68	32	39	21	10	7.5	e5.0	e1.3
19	54	22	e40	e80	52	33	36	18	8.1	13	e3.5	e1.2
20	51	21	e42	e71	46	34	33	16	6.9	17	2.6	e1.2
21	40	30	e45	e64	46	36	31	15	5.8	13	2.6	1.1
22	32	27	38	e59	46	38	29	18	5.2	8.6	2.5	0.98
23	27	24	79	e54	45	38	39	20	5.0	6.3	2.2	0.86
24	25	26	148	e52	41	42	120	19	4.4	5.4	1.9	0.73
25	23	38	102	e47	39	47	83	22	3.8	4.4	1.7	0.55
26	22	32	76	e45	36	46	65	22	3.4	4.4	1.6	0.48
27	31	27	62	e42	34	45	61	20	3.1	3.5	1.4	0.68
28	23	97	57	e41	32	89	75	18	5.4	3.6	1.4	1.3
29	19	131	41	40	---	233	57	16	30	3.2	3.0	1.6
30	18	97	45	36	---	185	51	21	27	2.6	2.1	1.4
31	18	---	48	34	---	127	---	16	---	2.4	2.2	---
TOTAL	1,037	977	2,230	2,300	1,306	1,512	2,867	851	294.2	487.8	138.7	36.40
MEAN	33.5	32.6	71.9	74.2	46.6	48.8	95.6	27.5	9.81	15.7	4.47	1.21
MAX	100	131	148	200	180	233	434	59	30	64	48	2.5
MIN	18	15	38	34	27	24	29	15	3.1	2.4	1.1	0.48
CFSM	1.59	1.55	3.43	3.53	2.22	2.32	4.55	1.31	0.47	0.75	0.21	0.06
IN.	1.84	1.73	3.95	4.07	2.31	2.68	5.08	1.51	0.52	0.86	0.25	0.06

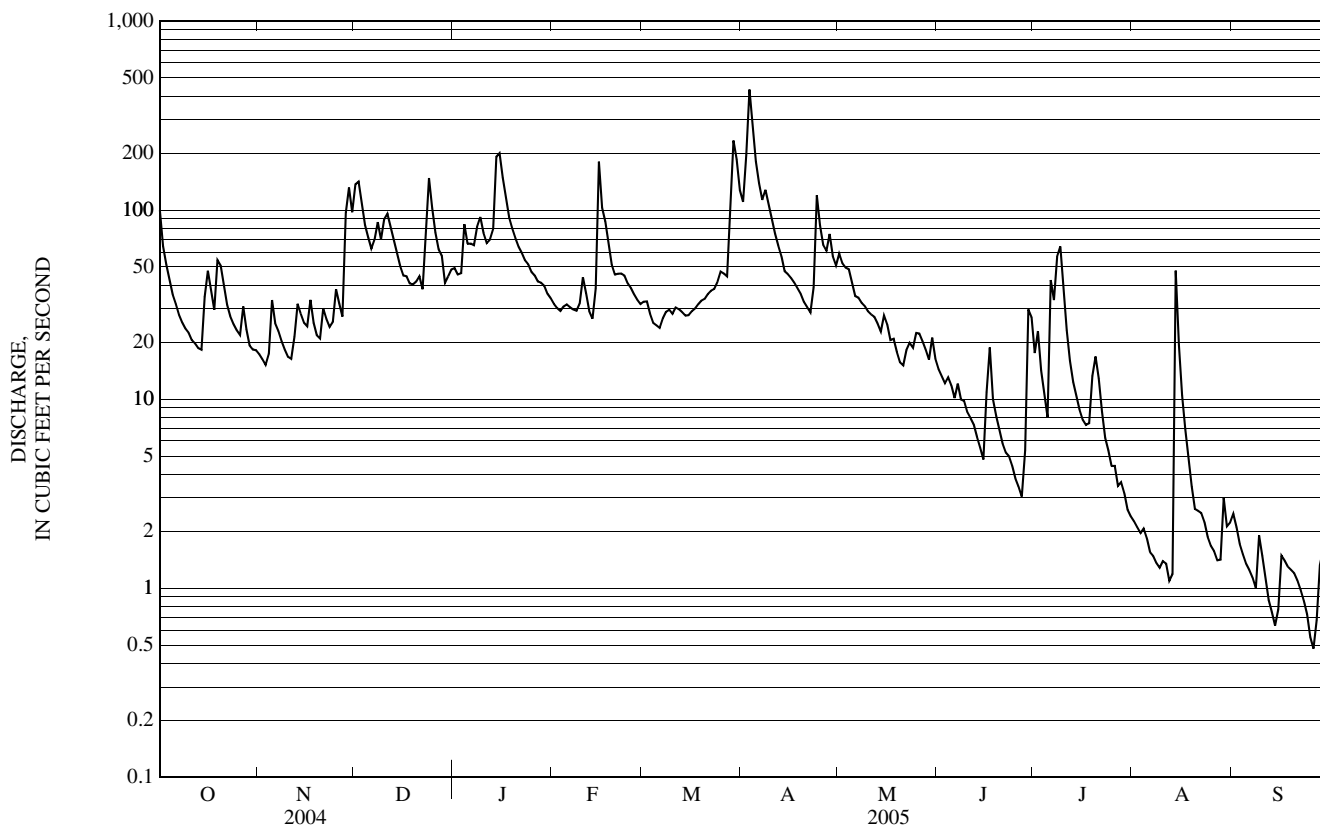
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

	20.5	36.9	56.4	52.3	53.6	77.7	71.2	47.7	30.8	14.2	11.6	15.7
MAX	87.9	93.6	167	187	128	176	220	167	166	79.1	47.6	92.1
(WY)	(1997)	(1973)	(1984)	(1979)	(1970)	(1983)	(1983)	(1989)	(1972)	(1984)	(1976)	(1975)
MIN	0.92	2.28	8.05	4.69	14.5	34.7	18.9	11.4	6.01	0.88	0.22	0.42
(WY)	(1965)	(1965)	(1966)	(1981)	(2002)	(1982)	(1985)	(1986)	(1995)	(1966)	(1966)	(1983)

e Estimated

01208990 SAUGATUCK RIVER NEAR REDDING, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	14,475.0		14,037.10			
ANNUAL MEAN	39.5		38.5		40.6	
HIGHEST ANNUAL MEAN					74.8	1984
LOWEST ANNUAL MEAN					16.2	1966
HIGHEST DAILY MEAN	293	Apr 14	434	Apr 3	1,300	Mar 22, 1980
LOWEST DAILY MEAN	2.0	Jul 11	0.48	Sep 26	0.05	Sep 2, 1966
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 6	0.77	Sep 21	0.11	Aug 28, 1966
MAXIMUM PEAK FLOW			468	Apr 2	2,160	Mar 25, 1969
MAXIMUM PEAK STAGE			3.80	Apr 2	5.88	Mar 25, 1969
INSTANTANEOUS LOW FLOW			0.39	Sep 26	0.05	Sep 2, 1966
ANNUAL RUNOFF (CFSM)	1.88		1.83		1.94	
ANNUAL RUNOFF (INCHES)	25.64		24.87		26.30	
10 PERCENT EXCEEDS	82		85		92	
50 PERCENT EXCEEDS	30		29		25	
90 PERCENT EXCEEDS	5.4		1.6		2.6	



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years, 1964, 1966, June 1968 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 corrctd 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, mg/L fltrd, (00915)	Magnesium, water, mg/L fltrd, (00925)	Potassium, water, mg/L fltrd, (00935)
OCT 25...	1145	23	.8	11.2	100	7.9	219	11.0	11.0	79	21.1	6.37	1.94
JAN 20...	1100	118	1.2	13.9	96	7.4	205	-2.0	.5	67	18.1	5.37	1.49
APR 25...	1315	79	1.6	10.9	102	7.8	189	9.5	11.5	65	17.4	5.27	1.55
JUL 05...	1215	7.8	1.7	8.7	100	8.1	240	27.0	21.5	87	23.3	6.94	1.54

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)
OCT 25...	11.5	71	87	--	19.5	<.1	11.0	7.8	135	131	.19	.24	<.04
JAN 20...	11.9	53	65	--	21.2	E.1n	10.6	10.2	117	121	.16	.12	<.04
APR 25...	11.4	50	61	--	19.6	<.1	6.30	7.3	116	109	.34	.32	<.04
JUL 05...	11.7	72	88	0	21.4	<.1	9.38	8.1	135	125	.35	.33	<.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)
OCT 25...	.11	<.008	.35	<.02	.005	.011	5.0	14	30	6	<.20	16	E.04n
JAN 20...	.27	<.008	.39	<.02	E.004n	.009	3.0	18	18	7	<.20	14	<.06
APR 25...	.09	<.008	.41	<.02	.008	.023	5.5	56	44	11	<.20	16	<.06
JUL 05...	.18	<.008	.51	<.02	.023	.035	5.2	49	46	7	<.20	19	<.06

01208990 SAUGATUCK RIVER NEAR REDDING, CT—Continued

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

Date	Cadmium water, fltred, ug/L (01025)	Chrom- ium, water, fltred, ug/L (01030)	Cobalt water, fltred, ug/L (01035)	Copper, water, fltred, ug/L (01040)	Iron, water, fltred, ug/L (01046)	Lead, water, fltred, ug/L (01049)	Mangan- ese, water, fltred, ug/L (01056)	Molyb- denum, water, fltred, ug/L (01060)	Nickel, water, fltred, ug/L (01065)	Silver, water, fltred, ug/L (01075)	Zinc, water, fltred, ug/L (01090)	Uranium natural water, fltred, ug/L (22703)
OCT 25...	<.04	<.8	.084	.6	62	<.08	8.1	<.4	.54	<.2	.7	.20
JAN 20...	<.04	<.8	.087	.7	39	E.05n	7.6	<.4	.60	<.2	1.5	.15
APR 25...	<.04	<.8	.081	.6	77	E.06n	11.7	E.2n	.57	<.2	1.7	.13
JUL 05...	<.04	<.8	.086	.5	76	.13	16.9	E.4n	1.02	<.2	E.4n	.30

Remark codes used in this table:

< -- Less than.

E -- Estimated.

Value qualifier codes used in this table:

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

012095493 RIDGEFIELD BROOK AT SHIELDS LANE AT RIDGEFIELD, CT

LOCATION.--Lat 41° 18'57", long 73° 29'34", Fairfield County, Hydrologic Unit 01100005, 300 ft above Taylors Pond on right bank 35 ft upstream from bridge on Shields Lane.

DRAINAGE AREA.--3.39 mi².

PERIOD OF RECORD.--March 2003 to current year.

GAGE.--Water-stage recorder.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 81 ft³/s, Apr. 3, gage height, 3.59 ft; minimum discharge, 0.38 ft³/s, Aug. 6, 7, 8, 11, 12, gage height, 1.56 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	31	3.0	27	7.6	e5.9	e6.0	21	12	3.5	12	0.55	2.6
2	21	2.8	29	7.2	e5.8	e6.2	30	11	2.8	11	0.55	1.6
3	16	2.7	23	6.9	e5.8	e6.1	73	10	2.5	6.8	0.53	1.3
4	12	3.5	16	14	e6.0	e5.9	51	8.6	3.0	3.0	0.54	1.2
5	9.3	9.9	10	15	e7.0	e5.4	33	7.1	2.3	1.6	0.54	1.1
6	7.5	9.1	7.7	12	e6.9	e5.3	26	6.3	2.1	8.3	0.49	1.1
7	6.4	6.3	8.8	11	e6.8	e6.4	21	6.1	3.1	13	0.47	1.4
8	5.9	3.5	14	13	e6.8	e11	20	5.9	2.0	14	0.44	1.6
9	5.5	2.6	13	16	e8.9	12	17	5.5	1.5	19	0.51	2.0
10	5.3	2.2	15	15	e13	9.6	14	5.3	1.4	16	0.52	2.3
11	4.8	2.2	17	12	e12	8.0	12	4.9	1.4	9.3	0.49	e3.2
12	4.4	3.9	15	10	e9.5	7.4	10	4.5	1.3	3.8	0.49	e3.9
13	4.5	10	11	11	e7.5	7.1	9.3	3.8	1.1	2.8	0.96	e2.6
14	5.0	9.8	8.1	29	8.4	6.7	8.7	3.6	1.1	2.8	2.8	e2.1
15	9.7	6.7	5.9	e33	38	6.9	8.2	4.2	0.92	2.0	18	e2.1
16	14	4.3	4.3	e26	34	7.7	7.5	4.1	1.8	1.7	18	1.8
17	14	3.2	e3.8	e19	26	8.3	7.1	3.6	8.2	1.8	12	2.7
18	9.9	3.0	e3.6	e14	19	9.3	6.8	3.2	8.8	2.4	5.3	2.4
19	13	2.8	e3.4	e8.6	e13	10	6.4	3.0	4.4	2.3	1.9	1.4
20	16	2.9	e3.2	e7.8	e8.2	10	6.0	3.0	2.0	1.7	1.6	1.0
21	13	7.0	e3.0	e7.1	e7.0	11	5.7	3.2	1.5	1.3	1.7	0.92
22	8.6	7.0	e3.1	e6.5	e7.5	11	5.2	6.4	1.1	1.0	1.5	0.85
23	5.6	5.2	12	e6.2	e8.3	11	8.0	6.1	0.91	0.89	1.1	0.84
24	4.1	4.4	33	e6.1	e7.5	11	20	5.6	0.78	0.73	0.98	0.82
25	3.6	9.4	e26	e6.0	e7.0	12	20	8.3	0.68	0.66	0.91	0.79
26	3.4	10	e17	e6.0	e6.6	12	15	8.7	0.59	0.65	0.87	0.92
27	3.5	7.4	e8.0	e5.9	e6.1	12	13	7.0	0.53	0.66	0.86	1.7
28	3.3	18	e5.6	e5.8	e5.6	22	15	5.6	1.3	0.93	1.1	1.5
29	3.0	33	e5.0	e6.1	---	46	14	4.9	4.8	0.82	1.5	1.5
30	3.0	27	5.4	e6.0	---	36	12	7.2	12	0.68	1.2	2.9
31	3.1	---	6.1	e6.0	---	26	---	5.4	---	0.59	1.8	---
TOTAL	269.4	222.8	363.0	355.8	304.1	365.3	515.9	184.1	79.41	144.21	80.20	52.14
MEAN	8.69	7.43	11.7	11.5	10.9	11.8	17.2	5.94	2.65	4.65	2.59	1.74
MAX	31	33	33	33	38	46	73	12	12	19	18	3.9
MIN	3.0	2.2	3.0	5.8	5.6	5.3	5.2	3.0	0.53	0.59	0.44	0.79

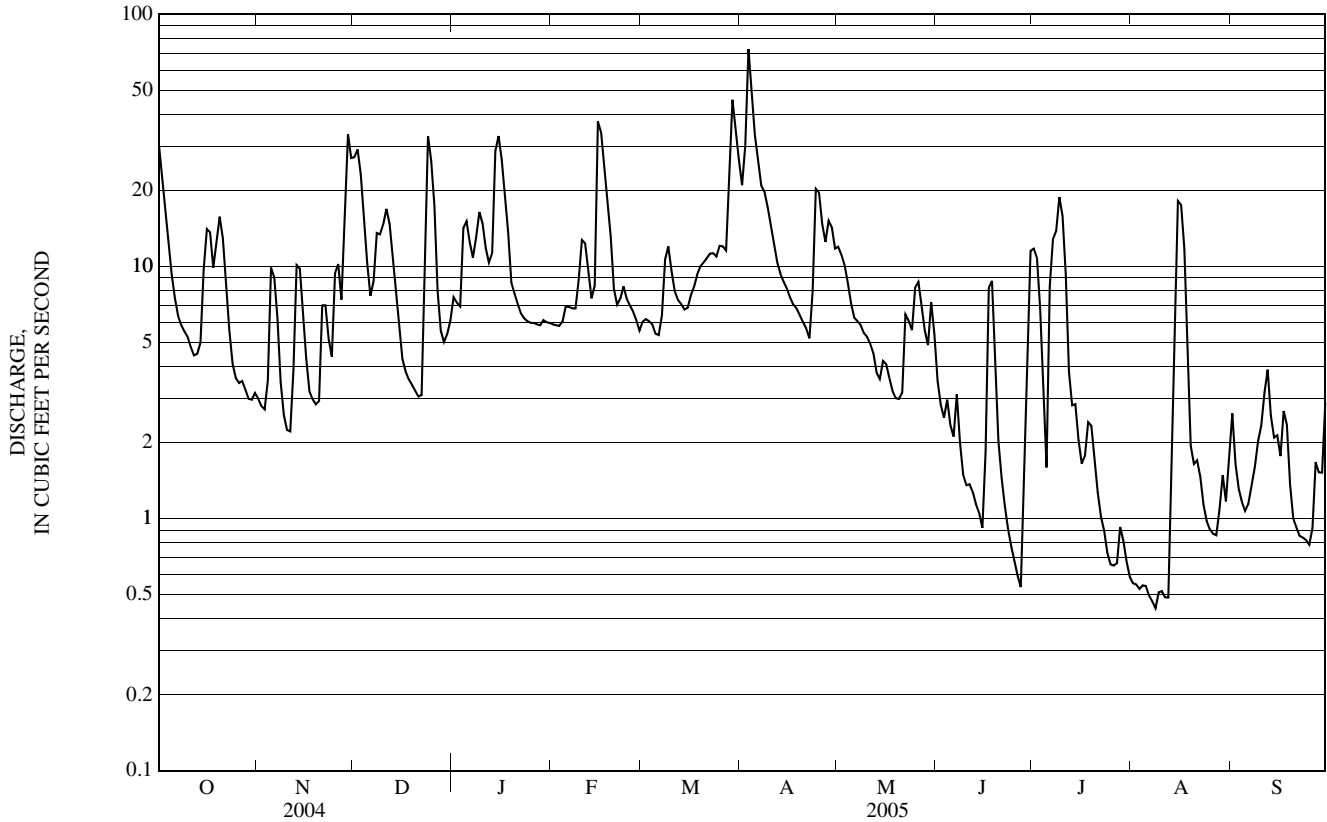
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	8.50	10.1	16.7	8.17	8.95	10.6	14.3	6.97	6.81	4.01	4.95	8.04
MAX	8.69	12.8	21.6	11.5	10.9	11.8	17.2	8.45	15.4	4.65	6.33	14.2
(WY)	(2005)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)	(2003)	(2003)	(2005)	(2004)	(2004)
MIN	8.32	7.43	11.7	4.86	7.10	9.45	10.7	5.94	2.42	2.81	2.59	1.74
(WY)	(2004)	(2005)	(2005)	(2004)	(2004)	(2004)	(2003)	(2005)	(2004)	(2003)	(2005)	(2005)

e Estimated

012095493 RIDGEFIELD BROOK AT SHIELDS LANE AT RIDGEFIELD, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	2,997.84		2,936.36		8.74	
ANNUAL MEAN	8.19		8.04		8.04	
HIGHEST ANNUAL MEAN					9.43	2004
LOWEST ANNUAL MEAN					8.04	2005
HIGHEST DAILY MEAN	47	Apr 14	73	Apr 3	73	Apr 3, 2005
LOWEST DAILY MEAN	0.48	Jul 12	0.44	Aug 8	0.44	Aug 8, 2005
ANNUAL SEVEN-DAY MINIMUM	0.76	Jul 6	0.49	Aug 6	0.49	Aug 6, 2005
MAXIMUM PEAK FLOW			81	Apr 3	81	Apr 3, 2005
MAXIMUM PEAK STAGE			3.59	Apr 3	3.62	Dec 12, 2003
INSTANTANEOUS LOW FLOW			0.38	Aug 6	0.38	Aug 6, 2005
10 PERCENT EXCEEDS	17		17		20	
50 PERCENT EXCEEDS	6.1		6.0		6.2	
90 PERCENT EXCEEDS	1.5		0.95		1.2	



01209700 NORWALK RIVER AT SOUTH WILTON, CT

LOCATION.--Lat 41°09'49", long 73°25'11", Fairfield County, Hydrologic Unit 01100006, on right bank at upstream side of bridge on Kent Rd. at South Wilton, 2.5 mi north of Norwalk.

DRAINAGE AREA.--30.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Discharge: Occasional low-flow measurements, water years 1961-62. September 1962 to current year. Water-quality records: Water years 1976-78.

REVISED RECORDS.--WDR CT-80-1: 1968-70 (P), 1971-79 (M,P).

GAGE.--Water-stage recorder. Datum of gage is 115.69 ft above sea level.

REMARKS.--Records good, except those for periods of estimated record, which are fair. City of Norwalk diverts an indeterminable amount of water from Streets (Popes) Pond, drainage area 2.36 mi². High flows can be affected by Spectacle Swamp Detention Reservoir, drainage area, 1.16 mi².

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of October 1955 reached a stage of 13.5 ft from floodmarks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 1	1530	401	2.79	Apr 3	0430	*892	*3.75
Jan 14	1730	425	2.85	Jun 29	1600	755	3.51
Feb 15	0415	581	3.19	Aug 14	2245	417	2.83
Mar 29	0145	523	3.07				

Minimum discharge, 2.5 ft³/s, Sept. 14, 15, gage height, 0.84 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	177	21	247	e48	e38	47	136	126	21	42	4.7	5.8
2	133	20	210	e48	e42	45	297	101	18	35	4.5	5.6
3	112	20	158	e48	43	42	625	97	17	26	4.2	5.2
4	90	24	130	124	47	39	322	82	18	19	4.0	4.6
5	74	49	112	99	51	38	234	72	16	14	4.0	4.1
6	59	32	98	105	52	38	191	65	15	22	3.7	3.9
7	52	27	108	101	54	42	167	67	16	40	3.5	3.6
8	46	24	129	134	54	68	202	58	14	110	3.4	3.5
9	43	20	104	142	60	63	151	49	13	98	3.5	3.2
10	41	18	142	117	81	50	130	47	11	48	3.3	2.9
11	39	18	146	110	72	45	114	46	11	34	3.2	2.8
12	32	28	118	112	58	44	100	43	10	24	5.3	2.7
13	28	51	102	117	51	42	91	32	9.6	18	6.2	2.6
14	29	36	91	294	78	41	83	31	8.6	16	103	2.5
15	49	33	78	266	401	41	77	31	7.9	14	128	9.5
16	79	27	68	187	189	43	68	31	11	12	51	4.9
17	53	24	67	154	146	45	66	28	30	13	31	6.5
18	43	22	62	e115	111	48	61	26	19	13	21	7.6
19	97	21	e56	e86	82	49	56	24	16	12	14	5.9
20	80	21	e46	e78	69	50	54	23	12	11	11	5.0
21	65	33	e36	e74	67	54	52	23	9.6	9.3	9.0	4.3
22	54	30	e43	e66	64	53	43	30	8.3	8.1	8.0	3.8
23	45	26	85	e66	63	54	74	30	7.4	7.4	6.7	3.6
24	41	30	181	e58	58	66	194	28	6.8	7.5	6.5	3.5
25	36	71	118	e54	55	70	122	34	6.5	6.0	5.7	3.4
26	26	45	94	e50	50	66	95	34	6.1	6.0	5.2	3.4
27	22	35	80	e50	47	61	112	29	5.9	6.3	5.0	4.2
28	21	139	63	e54	45	190	169	26	11	6.1	4.7	3.6
29	21	170	e58	e46	---	385	116	23	169	5.3	5.3	3.3
30	21	109	e56	e42	---	213	111	33	114	5.0	5.6	4.1
31	21	---	e51	e42	---	158	---	25	---	4.8	6.4	---
TOTAL	1,729	1,224	3,137	3,087	2,228	2,290	4,313	1,394	638.7	692.8	480.6	129.6
MEAN	55.8	40.8	101	99.6	79.6	73.9	144	45.0	21.3	22.3	15.5	4.32
MAX	177	170	247	294	401	385	625	126	169	110	128	9.5
MIN	21	18	36	42	38	38	43	23	5.9	4.8	3.2	2.5
CFSM	1.86	1.36	3.37	3.32	2.65	2.46	4.79	1.50	0.71	0.74	0.52	0.14
IN.	2.14	1.52	3.89	3.83	2.76	2.84	5.35	1.73	0.79	0.86	0.60	0.16

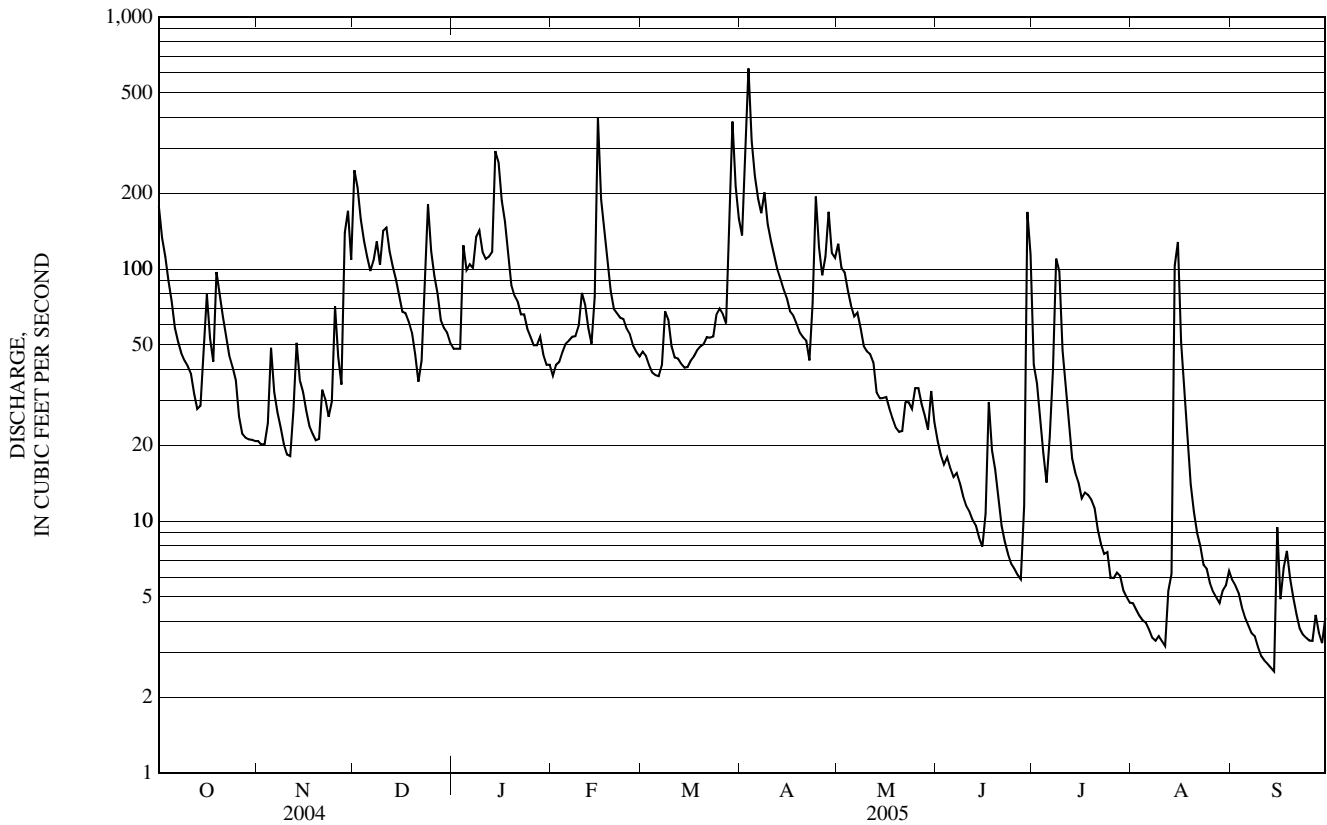
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2002, BY WATER YEAR (WY)

	28.1	47.6	69.1	71.6	72.8	107	101	72.6	43.6	20.3	16.9	21.3
MEAN												
MAX	128	131	210	250	165	227	327	384	266	105	63.4	129
(WY)	(1976)	(1973)	(1997)	(1979)	(1973)	(1983)	(1983)	(1989)	(1972)	(1984)	(1976)	(1971)
MIN	2.02	4.23	8.04	5.90	18.1	43.7	25.4	15.9	10.4	3.73	1.64	1.64
(WY)	(1965)	(1965)	(1999)	(1981)	(1980)	(1982)	(1985)	(1986)	(1965)	(1966)	(1965)	(1964)

e Estimated

01209700 NORWALK RIVER AT SOUTH WILTON, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2002	
ANNUAL TOTAL	23,573.0		21,343.7			
ANNUAL MEAN	64.4		58.5		55.9	
HIGHEST ANNUAL MEAN					94.6	1984
LOWEST ANNUAL MEAN					22.9	1966
HIGHEST DAILY MEAN	674	Apr 14	625	Apr 3	1,650	Apr 10, 1980
LOWEST DAILY MEAN	5.4	Jul 11	2.5	Sep 14	0.80	Sep 12, 1964
ANNUAL SEVEN-DAY MINIMUM	6.9	Jul 6	2.9	Sep 8	0.91	Sep 7, 1964
MAXIMUM PEAK FLOW			892	Apr 3	2,890	Apr 10, 1980
MAXIMUM PEAK STAGE			3.75	Apr 3	6.27	Apr 10, 1980
INSTANTANEOUS LOW FLOW			2.5	Sep 14	0.30	Sep 24, 1964
ANNUAL RUNOFF (CFSM)	2.15		1.95		1.86	
ANNUAL RUNOFF (INCHES)	29.23		26.47		25.34	
10 PERCENT EXCEEDS	135		130		123	
50 PERCENT EXCEEDS	43		43		32	
90 PERCENT EXCEEDS	11		5.0		5.4	



01209710 NORWALK RIVER AT WINNIPAUK, CT

LOCATION.--Lat 41°08'07", long 73°25'36", Fairfield County, Hydrologic Unit 01100007, on Perry Ave., 0.6 mi south of Winnipauk, and 0.3 mi upstream from confluence of Silvermine River.

DRAINAGE AREA.--33.0 mi².

PERIOD OF RECORD.--October 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: August 1997 to September 1999, January 2002 to August 2004.

SPECIFIC CONDUCTANCE: January 2002 to August 2004.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum, 33.0° C June 28, 1999; minimum 0.0° C on numerous days during the winter period.

SPECIFIC CONDUCTANCE: Maximum 693 microsiemens Jan. 9, 2002; minimum 107 microsiemens Sep. 2, 2002.

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 unfiltered 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)
OCT 25...	0930	46	.8	11.8	105	7.7	282	13.5	11.0	81	20.9	6.87	3.88
NOV 03...	1115	25	--	12.2	113	7.2	361	13.0	12.0	--	--	--	--
DEC 15...	1230	75	1.0	14.6	105	7.6	267	-3.0	2.5	79	20.3	6.74	3.05
JAN 11...	1220	109	--	13.8	101	7.3	298	.0	3.1	--	--	--	--
FEB 16...	1045	189	3.3	12.9	98	7.4	223	13.0	3.5	57	14.7	4.96	2.41
MAR 16...	1110	46	--	14.3	109	7.6	396	5.0	4.0	--	--	--	--
APR 25...	1000	123	1.9	11.2	103	7.7	256	9.0	11.0	76	19.5	6.56	2.85
MAY 12...	1040	45	--	10.3	103	7.4	299	--	16.0	--	--	--	--
JUN 02...	1015	19	1.2	10.6	105	8.0	371	17.0	15.5	110	27.0	10.0	4.41
JUL 05...	0930	16	1.2	11.1	125	8.2	366	27.0	20.5	99	26.1	8.19	5.17
JUL 27...	1030	6.4	--	9.8	120	6.6	382	30.5	25.5	--	--	--	--
AUG 02...	1100	5.3	.6	11.2	142	8.6	385	28.0	26.5	100	28.1	8.17	4.22
AUG 11...	0900	4.1	--	8.7	103	7.4	383	--	23.9	--	--	--	--
SEP 06...	1215	5.0	--	12.3	139	8.9	403	26.0	22.0	--	--	--	--
SEP 21...	1015	5.3	.8	10.4	117	8.2	418	20.5	21.0	110	30.6	9.24	6.06

01209710 NORWALK RIVER AT WINNIPAU, CT—Continued

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

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit 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 unfl 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)
OCT 25...	20.3	62	76	--	38.1	E.1n	8.42	12.3	--o	155	.21	.29	<.04
NOV 03...	--	40	49	.0	47.6	--	--	15.9	--	--	--	--	E.02n
DEC 15...	19.1	55	68	--	34.8	E.1n	9.97	13.7	160	151	.15	.20	<.04
JAN 11...	--	50	60	--	44.0	--	--	13.2	--	--	--	--	<.04
FEB 16...	16.5	44	54	--	30.4	<.1	6.83	9.8	126	118	.22	.29	<.04
MAR 16...	--	61	74	--	65.3	--	--	15.7	--	--	--	--	E.03n
APR 25...	18.7	53	64	--	35.3	E.1n	5.47	10.1	159	149	.31	.36	<.04
MAY 12...	--	57	70	--	42.1	--	--	13.5	--	--	--	--	<.04
JUN 02...	27.1	76	92	.0	53.3	E.1n	7.30	15.0	208	210	.34	.33	E.03n
JUL 05...	25.7	72	88	.0	53.8	E.1n	8.47	16.2	204	201	.37	.37	<.04
JUL 27...	--	E34	E41	--	59.9	--	--	17.3	--	--	--	--	<.04
AUG 02...	30.2	64	75	2	61.6	E.1n	4.15	18.0	222	210	.28	.26	<.04
AUG 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 06...	--	69	78	3	64.0	--	--	23.6	--	--	--	--	<.04
SEP 21...	31.1	75	92	.0	64.1	E.1n	5.15	22.5	240	243	.32	.27	<.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)	Pheophytin a, periphyton, mg/m2 (62359)	Fecal coliform, M-FC 0.45uMF col/100 mL (31616)	Chlorophyll a periphyton, chromofluoro, mg/m2 (70957)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)
OCT 25...	.34	<.008	.64	<.02	.014	.026	5.3	--	230	--	6	<.20	40
NOV 03...	.32	E.005n	--	.006	--	.022	--	--	--	--	--	--	--
DEC 15...	.61	<.008	.81	E.01n	.023	.032	3.8	--	59	--	8	<.20	35
JAN 11...	.59	E.006n	--	.006	--	.020	--	--	--	--	--	--	--
FEB 16...	.56	<.008	.85	<.02	.012	.031	4.0	--	90	--	15	<.20	28
MAR 16...	.67	<.008	--	<.006	--	.019	--	--	--	--	--	--	--
APR 25...	.30	<.008	.67	<.02	.016	.035	5.6	--	400	--	14	E.10n	37
MAY 12...	.44	<.008	--	.008	--	.041	--	--	--	--	--	--	--
JUN 02...	.66	.011	.99	E.01n	.032	.047	4.9	--	600	--	6	E.19n	45
JUL 05...	.60	E.004n	.97	.03	.058	.075	4.9	--	580	--	10	E.16n	46
JUL 27...	.48	E.004n	--	.014	--	.050	--	--	--	--	--	--	--
AUG 02...	.34	<.008	.60	E.01n	.031	.043	2.8	--	110	--	4	<.20	46
AUG 11...	--	--	--	--	--	--	--	10d	--	21.3d	--	--	--
SEP 06...	.49	E.005n	--	.008	--	.036	--	--	--	--	--	--	--
SEP 21...	.38	E.004n	.65	E.02n	.030	.038	4.6	--	500	--	4	E.15n	48

01209710 NORWALK RIVER AT WINNIPAU, CT—Continued

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

Date	Ben-flu- alin, water, fltrd 0.7u GF (82673)	Car- baryl, water, fltrd 0.7u GF (82680)	Carbo- furan, water, fltrd 0.7u GF (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF (82687)	cis- Propi- cona- zole, water, fltrd, ug/L (79846)	Cyana- zine, water, fltrd, ug/L (04041)	Cyflu- thrin, water, fltrd, ug/L (61585)	lambda- Cyhalo- thrin, water, fltrd, ug/L (61595)	Cyper- methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipronil, water, fltrd, ug/L (62170)
OCT 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 03...	<.010	<.041	--	<.06	<.005	<.006	--	--	<.008	--	<.009	<.003	<.012
DEC 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 11...	<.010	<.041mc	--	<.06mc	<.005	<.006	--	--	<.008mc	--	<.009mc	<.003	<.012
FEB 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 16...	<.010	<.041mc	--	<.06mc	<.005	<.006	--	--	<.027mc	--	<.009mc	<.003	<.012
APR 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 12...	<.010	<.041mc	--	<.06mc	<.005	<.006	--	--	<.027mc	--	<.009mc	<.003	E.004t
JUN 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 05... 27...	<.010	<.041mc	<.020mc	<.06mc	<.005	<.006	<.008mc	<.018	<.027mc	<.009mc	<.009mc	<.003	<.012
AUG 02... 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 06... 21...	<.010	<.041mc	<.020mc	<.06mc	<.005	<.006	<.008mc	<.018	<.027mc	<.009mc	<.009mc	<.003	E.005t

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

Date	Diaz- inon oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Dicro- tophos, water, fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Disulf- oton sulfone water, fltrd, ug/L (61640)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	Endo- sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fenami- phos sulfone water, fltrd, ug/L (61645)
OCT 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 03...	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--	<.049
DEC 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 11...	<.01	<.005	<.08mc	<.009	<.006mc	--	--	--	--	<.0020mc	<.004	--	<.049
FEB 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 16...	<.01	<.005	<.08mc	<.009	<.006mc	--	--	--	--	<.0020mc	<.004	--	<.049
APR 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 12...	<.01	<.005	<.08mc	<.009	<.006mc	--	--	--	--	<.0020mc	<.004	--	<.049
JUN 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 05... 27...	--	<.005	<.08mc	<.009	<.006mc	<.01	<.02mc	<.014	<.004	<.002mc	<.004	<.005	<.049
AUG 02... 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 06... 21...	--	<.005	<.08mc	<.009	<.006mc	<.01	<.02mc	<.014	<.004	<.002mc	<.004	<.005	<.049

01209710 NORWALK RIVER AT WINNIPAUUK, CT—Continued

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

Date	Tribu- phos, water, fltrd, ug/L (61610)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT 25...	--	--	--	.46	--	--
NOV 03...	--	<.009	<.01	--	1	.07
DEC 15...	--	--	--	.52	--	--
JAN 11...	--	<.009	<.01mc	--	2	.59
FEB 16...	--	--	--	.32	--	--
MAR 16...	--	<.009	<.01mc	--	2	.25
APR 25...	--	--	--	.60	--	--
MAY 12...	--	<.009	<.01mc	--	4	.49
JUN 02...	--	--	--	.74	--	--
JUL 05...	--	--	--	.51	--	--
27...	<.004mc	<.009	<.01mc	--	1	.02
AUG 02...	--	--	--	.37	--	--
11...	--	--	--	--	--	--
SEP 06...	<.004mc	<.009	<.01mc	--	26	.35
21...	--	--	--	.56	--	--

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

m -- Value is highly variable by this method

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

t -- Below the long-term MDL

Null value qualifier codes used in this table:

o -- Insufficient amount of water

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01209761 FIVEMILE RIVER NEAR NEW CANAAN, CT

LOCATION.--Lat 41° 10'28", long 73° 30'43", Fairfield County, Hydrologic Unit 01100006, on right bank, 40 ft downstream from paved driveway leading to private residence, near the cul-de-sac at the end of Indian Rock Rd.

DRAINAGE AREA.--1.00 mi².

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder. Telephone telemetry at station.

REMARKS.--Records poor. Flow regulated from New Canaan Reservoir by Second Taxing District Water Department.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 47 ft³/s, Aug. 14, gage height, 3.20 ft; minimum discharge, 0.49 ft³/s, Nov. 2, gage height, 1.73 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	5.7	0.59	20	1.8	e1.1	2.1	1.8	e8.3	2.3	e6.1	0.76	1.0
2	4.1	0.56	11	1.5	e1.0	1.8	9.8	e5.6	2.4	e3.3	0.65	0.94
3	3.5	0.87	3.5	1.8	e1.1	1.6	28	e5.2	2.3	e2.0	0.69	0.82
4	3.0	1.8	2.2	7.7	e1.3	1.4	12	e4.1	2.2	e1.6	0.70	0.78
5	2.5	5.3	1.8	3.9	e1.6	1.4	8.3	e3.7	1.9	e1.5	0.70	0.75
6	2.0	3.9	1.4	4.7	e1.7	1.4	7.1	e3.6	1.9	e2.1	0.83	0.75
7	1.9	4.3	3.4	4.6	e1.8	1.9	6.6	e3.6	2.0	e2.2	0.81	0.74
8	1.9	5.6	5.2	8.3	e1.9	3.9	10	e3.4	2.0	e9.3	0.80	0.69
9	1.9	4.9	2.4	7.8	e2.0	3.0	6.9	e2.9	1.9	e8.0	0.74	0.69
10	2.1	4.6	6.7	4.5	3.7	2.1	5.8	e2.8	1.8	e2.9	0.75	0.70
11	2.1	4.9	6.7	4.2	2.6	1.8	5.2	e2.7	1.8	e1.7	0.72	0.70
12	1.9	7.1	3.2	4.8	2.0	2.0	4.8	e2.7	1.8	e1.2	0.95	0.74
13	1.6	11	2.3	5.8	1.8	1.8	4.6	e2.1	1.8	e1.5	0.99	0.80
14	1.7	5.4	1.9	23	e4.5	1.7	4.3	e2.1	1.8	e1.2	12	0.91
15	2.6	3.0	1.4	13	e29	1.7	4.0	e2.2	1.8	0.93	21	1.0
16	4.8	2.7	1.2	5.6	e10	1.9	3.8	e2.1	2.1	0.60	3.6	0.95
17	2.8	2.3	1.3	4.2	e7.5	2.1	3.8	e1.8	2.1	0.67	1.9	0.99
18	2.3	2.0	1.2	e2.6	e5.5	2.2	3.6	e1.7	1.9	0.73	1.3	0.94
19	7.8	2.1	1.5	e2.1	e4.3	2.3	3.5	e1.6	1.9	0.78	1.2	0.91
20	4.9	2.3	1.7	e1.8	e4.1	2.3	3.4	e1.6	1.9	0.79	1.3	0.95
21	2.7	5.4	0.87	e1.7	e4.9	2.6	3.4	e1.6	1.8	0.77	1.2	1.0
22	2.1	3.7	1.1	e1.5	e4.7	2.5	3.0	e2.4	2.0	0.73	1.0	0.98
23	1.7	2.5	4.6	e1.4	e4.6	2.4	5.4	e2.0	2.0	0.79	0.96	0.98
24	1.4	3.7	9.7	e1.2	e3.1	2.9	15	e1.5	1.9	0.81	0.94	0.98
25	1.0	7.1	3.0	e1.1	2.3	3.0	6.7	1.2	1.9	0.78	0.93	1.0
26	1.1	2.9	1.9	e1.3	2.0	2.9	4.6	1.2	1.9	0.82	0.93	1.1
27	0.96	1.0	1.8	e1.2	1.8	2.7	e7.1	1.0	1.9	0.74	0.97	1.1
28	0.79	18	1.4	e1.1	1.8	17	e9.4	1.2	2.1	0.80	1.0	0.99
29	0.72	13	1.6	e1.0	---	19	e5.6	2.1	11	0.81	0.95	1.1
30	0.64	2.3	1.8	e1.1	---	3.7	e6.0	2.6	13	0.81	0.97	1.1
31	0.58	---	1.8	e1.0	---	2.1	---	2.3	---	0.79	1.1	---
TOTAL	74.79	134.82	109.57	127.3	113.7	101.2	203.5	82.9	79.1	57.75	63.34	27.08
MEAN	2.41	4.49	3.53	4.11	4.06	3.26	6.78	2.67	2.64	1.86	2.04	0.90
MAX	7.8	18	20	23	29	19	28	8.3	13	9.3	21	1.1
MIN	0.58	0.56	0.87	1.0	1.0	1.4	1.8	1.0	1.8	0.60	0.65	0.69
CFSM	2.41	4.49	3.53	4.11	4.06	3.26	6.78	2.67	2.64	1.86	2.04	0.90
IN.	2.78	5.02	4.08	4.74	4.23	3.76	7.57	3.08	2.94	2.15	2.36	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

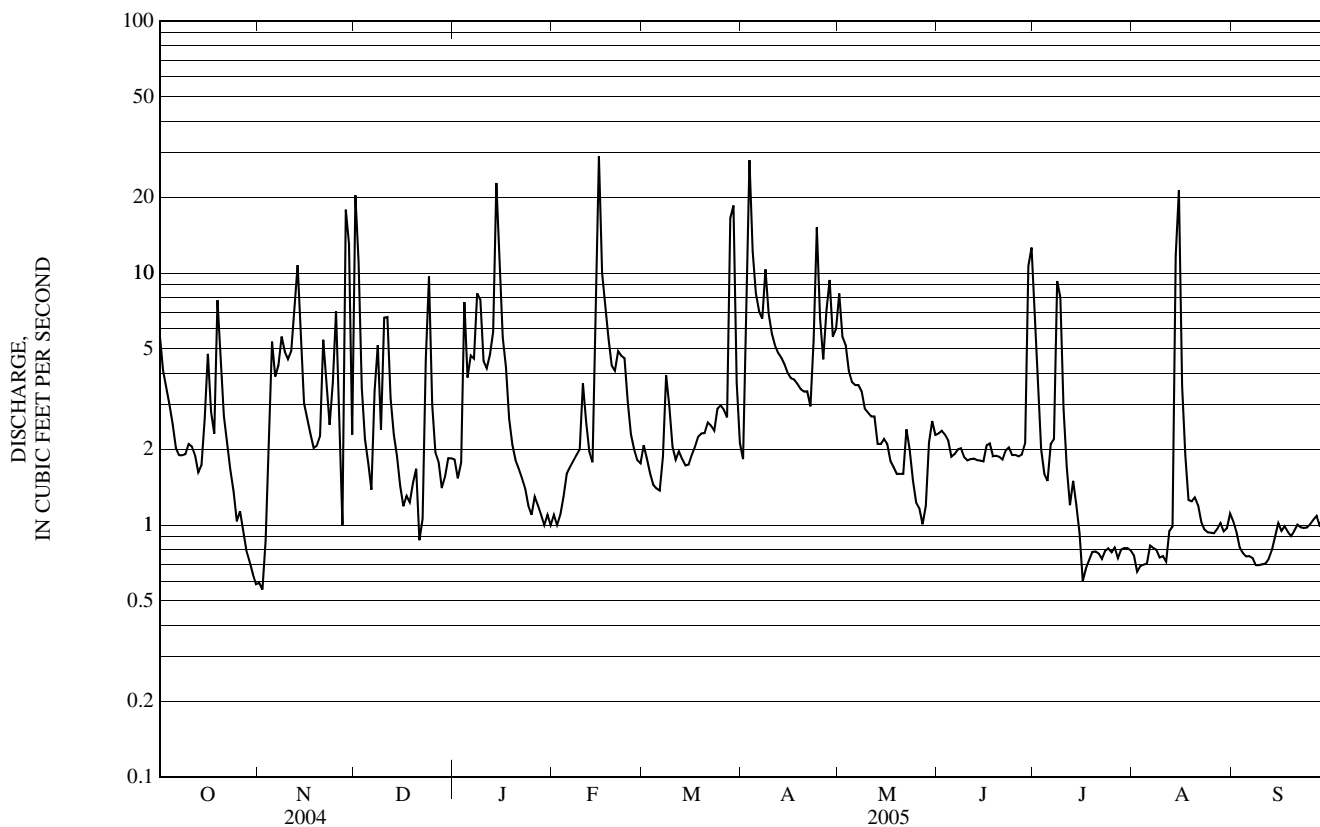
MEAN	0.95	1.76	2.72	1.82	2.28	3.68	3.91	2.48	2.16	0.76	0.81	1.12
MAX	2.41	4.49	9.11	4.11	4.06	7.36	6.78	3.42	5.30	1.86	2.04	5.37
(WY)	(2005)	(2005)	(2004)	(2005)	(2005)	(2001)	(2005)	(2002)	(2003)	(2005)	(2005)	(2004)
MIN	0.22	0.17	0.13	0.29	0.29	0.69	0.53	1.73	0.64	0.13	0.12	0.13
(WY)	(2002)	(2002)	(1999)	(2002)	(2002)	(2002)	(2002)	(2001)	(1999)	(2002)	(2002)	(2001)

e Estimated

01209761 FIVEMILE RIVER NEAR NEW CANAAN, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	1,061.66		1,175.05		2.07	
ANNUAL MEAN	2.90		3.22		3.22	
HIGHEST ANNUAL MEAN					0.74	
LOWEST ANNUAL MEAN					34	
HIGHEST DAILY MEAN	34	Sep 29	e29	Feb 15	34	Sep 29, 2004
LOWEST DAILY MEAN	0.31	Feb 1	0.56	Nov 2	0.00	Dec 20, 1998
ANNUAL SEVEN-DAY MINIMUM	0.33	Jan 27	0.68	Oct 28	0.07	Sep 7, 2001
MAXIMUM PEAK FLOW			47		56	May 19, 1999
MAXIMUM PEAK STAGE			3.20		3.31	Dec 11, 2003
INSTANTANEOUS LOW FLOW			0.49		0.00	Nov 22, 1998
ANNUAL RUNOFF (CF5M)	2.90		3.22		2.07	
ANNUAL RUNOFF (INCHES)	39.49		43.71		28.11	
10 PERCENT EXCEEDS	6.3		6.8		5.0	
50 PERCENT EXCEEDS	1.6		1.9		0.95	
90 PERCENT EXCEEDS	0.70		0.80		0.16	

e Estimated



RIPPOWAM RIVER BASIN

01209901 RIPPOWAM RIVER NEAR STAMFORD, CT

LOCATION.--Lat 41°03'56", long 73°32'59", Fairfield County, Hydrologic Unit 01100005, on left bank 100 ft upstream from bridge on Bridge St., 2.7 mi downstream from Holts Ice Pond Brook, and 1.7 mi upstream from mouth.

DRAINAGE AREA.--34.0 mi².

PERIOD OF RECORD.--June 1964 to March 1966, low-flow partial record station; November 1975 to September 1976, at site 0.6 mi upstream. September 1977 to 1982, continuous-record site. October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 17.73 ft above sea level. Satellite telemetry at station.

REMARKS.--Records good, except those for periods of estimated record, which are fair. The natural flow is altered by Mallard Lake, Trinity Lake Reservoir, Laurel Reservoir, Suscowit Reservoir, and by storage and diversion at North Stamford Reservoir.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,680 ft³/s, June 29, gage height, 5.31 ft; minimum discharge, 1.4 ft³/s, Aug. 12, gage height, 1.16 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	94	16	166	e27	e33	50	121	115	17	81	5.7	13
2	85	13	140	e31	e28	46	225	86	16	42	5.9	7.4
3	89	15	125	e40	e31	41	490	80	16	30	5.7	5.3
4	76	20	107	87	38	37	343	72	18	24	5.1	4.6
5	64	42	91	83	40	36	204	59	16	21	6.2	4.1
6	53	23	79	100	40	35	152	42	14	23	5.5	4.0
7	46	18	84	94	41	39	130	42	15	23	3.9	3.8
8	41	20	101	122	41	60	163	43	13	94	2.7	3.5
9	38	15	89	132	42	60	133	41	12	79	2.4	3.2
10	35	13	124	109	53	47	107	34	12	34	2.2	2.8
11	31	14	127	97	49	43	90	32	11	24	1.9	2.6
12	26	32	105	110	44	45	77	32	11	19	2.2	2.5
13	22	58	86	104	40	43	69	27	11	26	2.3	2.4
14	22	33	73	198	55	41	62	26	9.8	22	193	2.3
15	30	24	61	250	265	40	56	27	9.2	18	309	2.5
16	38	21	54	174	202	41	52	27	17	16	48	9.7
17	29	20	e51	132	140	42	49	25	22	16	28	10
18	23	19	e47	100	103	43	47	23	14	23	20	7.4
19	55	18	e40	e82	78	43	42	22	11	26	16	5.5
20	50	20	e35	e69	66	44	40	21	9.4	17	15	4.8
21	36	29	e28	e57	73	47	38	22	9.0	13	14	4.1
22	28	23	39	e53	67	47	35	26	12	11	13	3.4
23	22	21	53	e58	65	49	52	25	10	11	11	3.0
24	17	31	106	e64	59	68	109	25	11	8.5	9.4	2.7
25	17	67	110	e56	58	69	75	31	10	8.2	8.4	2.5
26	19	49	80	e47	52	66	56	30	9.7	8.3	7.8	3.0
27	16	34	62	e37	48	61	82	24	10	7.6	7.4	3.7
28	14	121	e51	e41	45	181	112	23	20	8.1	7.3	2.3
29	15	134	e43	e38	---	379	78	21	404	6.9	12	3.1
30	16	77	e35	e35	---	243	94	20	286	6.7	13	2.1
31	16	---	e31	e35	---	155	---	18	---	6.0	15	---
TOTAL	1,163	1,040	2,423	2,662	1,896	2,241	3,383	1,141	1,056.1	753.3	839.5	153.8
MEAN	37.5	34.7	78.2	85.9	67.7	72.3	113	36.8	35.2	24.3	27.1	5.13
MAX	94	134	166	250	265	379	490	115	404	94	309	25
MIN	14	13	28	27	28	35	35	18	9.0	6.0	1.9	2.1
CFSM	1.10	1.02	2.30	2.53	1.99	2.13	3.32	1.08	1.04	0.71	0.80	0.15
IN.	1.27	1.14	2.65	2.91	2.07	2.45	3.70	1.25	1.16	0.82	0.92	0.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

	17.8	27.2	50.9	65.2	46.9	81.7	90.7	57.8	44.5	14.4	15.3	19.0
MEAN												
MAX												
(WY)	(2005)	(1978)	(2004)	(1979)	(1982)	(1980)	(1980)	(1978)	(2003)	(2005)	(2004)	(2004)
MIN	4.36	4.19	6.42	5.52	6.89	18.3	18.8	19.3	9.74	5.69	1.41	3.45
(WY)	(2002)	(2002)	(2002)	(1981)	(2002)	(2002)	(2002)	(1981)	(1981)	(2002)	(1981)	(1980)

e Estimated

01209901 RIPPOWAM RIVER NEAR STAMFORD, CT—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1977 - 2005	
ANNUAL TOTAL	20,210.8		18,751.7		44.3	
ANNUAL MEAN	55.2		51.4		69.4	
HIGHEST ANNUAL MEAN					1978	
LOWEST ANNUAL MEAN					13.3	
HIGHEST DAILY MEAN	625	Apr 14	490	Apr 3	1,590	Apr 10, 1980
LOWEST DAILY MEAN	4.6	Jul 11	1.9	Aug 11	0.24	Aug 14, 2002
ANNUAL SEVEN-DAY MINIMUM	7.9	Jul 6	2.8	Sep 8	0.42	Aug 9, 2002
MAXIMUM PEAK FLOW			1,680	Jun 29	1,890	Apr 10, 1980
MAXIMUM PEAK STAGE			5.31	Jun 29	6.56	Apr 10, 1980
INSTANTANEOUS LOW FLOW			1.4	Aug 12	0.18	Aug 28, 2002
ANNUAL RUNOFF (CFSM)	1.62		1.51		1.30	
ANNUAL RUNOFF (INCHES)	22.11		20.52		17.69	
10 PERCENT EXCEEDS	107		110		100	
50 PERCENT EXCEEDS	36		35		21	
90 PERCENT EXCEEDS	14		6.5		4.3	

