

**HOUSATONIC RIVER BASIN**  
**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 Road, 0.6 mi north of Lime Rock, and 3.0 mi upstream from mouth.

**DRAINAGE AREA.**--29.4 mi<sup>2</sup>.

**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 daily discharges, 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 ft<sup>3</sup>/s, from rating curve extended above 350 ft<sup>3</sup>/s on basis of contracted-opening measurement of peak flow.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	14	18	e10	e55	116	75	24	35	15	4.3	4.6
2	9.9	13	17	e10	118	78	70	23	33	13	4.0	4.4
3	9.5	13	16	e9.5	199	70	68	22	32	13	e3.9	4.3
4	9.1	12	15	e23	145	248	68	25	26	14	e3.8	4.1
5	8.6	13	15	e21	129	137	62	30	24	13	e3.7	4.0
6	8.4	13	15	e19	98	99	56	27	21	11	e3.7	4.7
7	8.3	13	15	e18	85	e80	55	25	20	14	e3.6	7.2
8	49	13	15	e17	78	e70	51	24	20	10	e3.6	7.4
9	54	12	18	e27	68	e63	49	27	18	9.5	4.1	7.3
10	86	14	16	e52	63	57	50	25	17	11	4.0	11
11	62	18	15	e50	58	52	45	22	15	9.4	e3.8	10
12	28	15	15	e46	54	47	50	20	15	8.1	4.1	7.3
13	21	14	14	e41	67	44	44	19	14	7.7	4.0	6.1
14	33	15	14	e37	54	43	37	18	15	7.2	7.6	8.4
15	30	15	13	e34	e49	49	34	17	16	7.3	11	8.6
16	21	14	13	e42	45	48	34	16	14	6.9	8.6	110
17	19	14	13	e50	44	52	45	15	14	6.8	6.1	435
18	17	16	14	e65	87	64	41	15	16	6.4	5.2	109
19	16	15	13	e170	81	63	37	70	14	7.0	4.7	62
20	19	15	13	118	59	52	37	324	14	8.6	4.5	44
21	19	18	15	88	51	48	35	121	14	6.6	6.9	43
22	18	16	26	92	45	285	33	86	11	6.3	8.9	66
23	18	15	e23	90	e40	248	39	82	10	7.4	6.5	48
24	17	14	e21	298	e36	159	46	154	9.8	6.5	5.4	36
25	17	13	e19	381	33	130	35	162	9.2	6.0	5.0	31
26	17	24	17	187	35	111	32	105	9.4	5.5	11	29
27	16	41	16	131	34	98	30	83	8.5	5.2	13	26
28	16	24	14	105	38	102	27	63	9.9	4.9	8.1	25
29	17	20	e13	89	---	99	26	53	27	4.4	6.4	24
30	15	18	e12	e70	---	89	25	45	23	4.6	5.3	40
31	14	---	e11	e60	---	82	---	40	---	4.4	4.9	---
TOTAL	701.9	484	484	2450.5	1948	2983	1336	1782	524.8	260.7	179.7	1227.4
MEAN	22.6	16.1	15.6	79.0	69.6	96.2	44.5	57.5	17.5	8.41	5.80	40.9
MAX	86	41	26	381	199	285	75	324	35	15	13	435
MIN	8.3	12	11	9.5	33	43	25	15	8.5	4.4	3.6	4.0
CFSM	.77	.55	.53	2.69	2.37	3.27	1.51	1.96	.60	.29	.20	1.39
IN.	.89	.61	.61	3.10	2.46	3.77	1.69	2.25	.66	.33	.23	1.55

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1999, BY WATER YEAR (WY)**

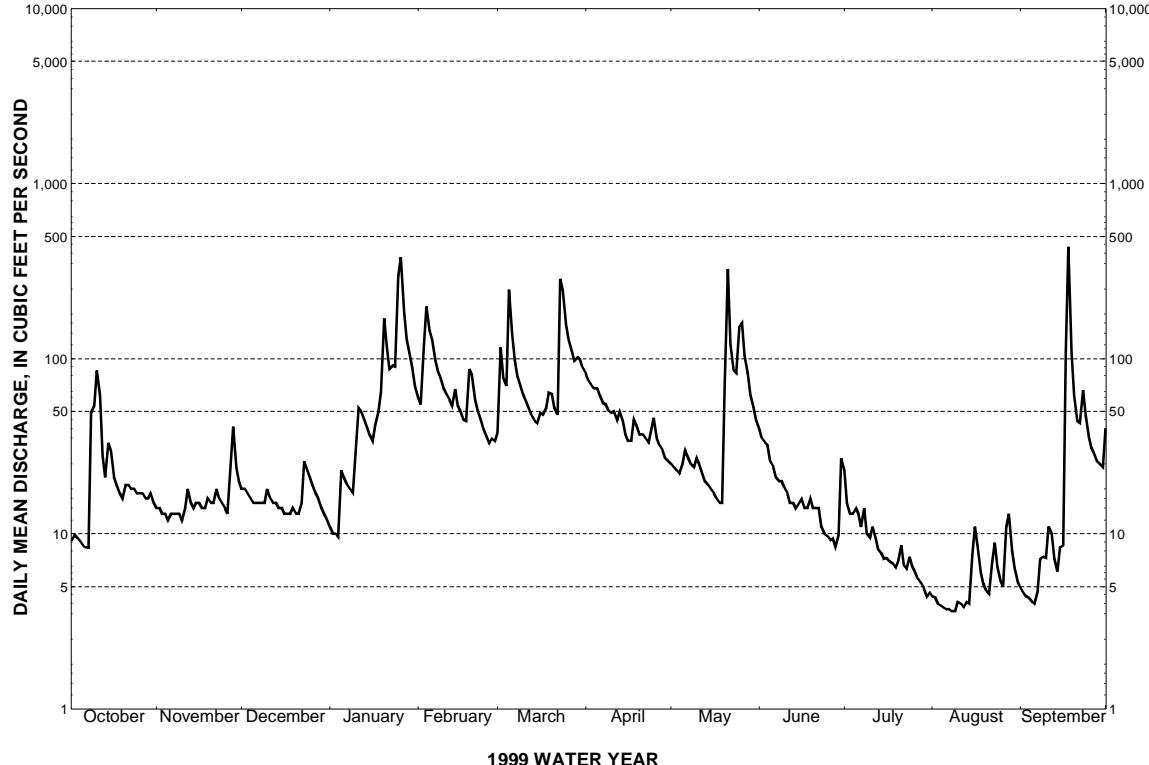
MEAN	32.3	41.1	53.5	52.6	57.1	85.2	94.3	61.5	39.0	25.7	21.8	21.1
MAX	100	92.2	155	130	134	194	198	181	118	94.1	95.1	72.6
(WY)	1978	1996	1984	1979	1982	1977	1997	1984	1972	1996	1976	1975
MIN	6.99	5.56	8.07	4.97	8.91	29.4	26.6	20.6	9.50	5.27	4.86	3.48
(WY)	1965	1965	1981	1981	1980	1965	1985	1965	1964	1993	1964	1964

e Estimated.

**HOUSATONIC RIVER BASIN**  
**01199050 SALMON CREEK AT LIME ROCK, CT—Continued**

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1962 - 1999
ANNUAL TOTAL	14949.7	14362.0	
ANNUAL MEAN	41.0	39.3	48.7
HIGHEST ANNUAL MEAN			73.3
LOWEST ANNUAL MEAN			15.9
HIGHEST DAILY MEAN	241	Jun 16	1730 May 30 1984
LOWEST DAILY MEAN	5.7	Aug 29	1.5 Aug 11 1964
ANNUAL SEVEN-DAY MINIMUM	6.4	Aug 23	2.1 Aug 31 1995
INSTANTANEOUS PEAK FLOW		785 Jan 19	1840 Mar 6 1979
INSTANTANEOUS PEAK STAGE		3.93 Jan 19	5.90 Mar 6 1979
INSTANTANEOUS LOW FLOW		a3.6 Aug 7	.70 Sep 25 1964
ANNUAL RUNOFF (CFSM)	1.39	1.34	1.66
ANNUAL RUNOFF (INCHES)	18.92	18.17	22.51
10 PERCENT EXCEEDS	87	88	101
50 PERCENT EXCEEDS	28	19	32
90 PERCENT EXCEEDS	9.5	6.4	8.6

a Also occurred Aug. 8.



1999 WATER YEAR