

CONNECTICUT RIVER BASIN
01186500 STILL RIVER AT ROBERTSVILLE, CT

LOCATION.--Lat 41°58'04", long 73°02'04", Litchfield County, Hydrologic Unit 01080207, on left bank 1,500 ft downstream from Sandy Brook, 1 mi southeast of Robertsville, 1 mi northwest of Riverton, and 1 mi upstream from mouth.

DRAINAGE AREA.--85.0 mi².

PERIOD OF RECORD.--July 1948 to September 1967, July 1969 to current year.

REVISED RECORDS.--WSP 1901: 1948-60. WDR-CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 510.24 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by power plant, Mad River and Sucker Brook Detention Reservoirs, and Highland Lake.

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	19	34	69	82	161	596	201	57	88	54	10	16
2	22	31	62	73	388	415	189	59	71	44	9.8	17
3	11	29	59	78	822	319	174	52	64	41	8.5	11
4	20	28	70	242	537	1340	162	69	53	99	7.8	9.8
5	20	27	58	300	412	779	153	132	51	99	7.1	8.9
6	18	22	52	183	307	399	139	119	45	71	6.8	12
7	20	23	50	123	243	304	130	107	46	73	6.2	30
8	75	25	51	102	209	241	115	105	75	42	6.6	28
9	150	25	57	362	178	215	111	146	55	27	8.0	25
10	262	31	56	862	162	193	112	116	46	26	7.1	104
11	216	91	51	946	157	177	105	84	39	24	6.7	94
12	123	87	46	802	176	155	115	75	33	21	7.1	55
13	93	77	45	635	229	139	105	67	30	19	6.7	34
14	310	63	35	406	176	138	95	59	38	18	20	25
15	318	60	40	757	144	164	86	50	30	16	34	37
16	187	57	39	1580	135	168	76	46	29	15	19	978
17	138	55	39	1390	139	190	104	49	28	15	14	2200
18	114	61	40	1220	286	269	99	40	32	14	13	944
19	100	60	38	673	367	294	91	362	29	22	12	519
20	96	67	38	424	251	220	85	1240	27	34	11	360
21	94	70	47	284	204	191	81	494	24	21	36	182
22	89	62	73	262	145	2100	80	225	23	18	37	260
23	76	59	85	265	121	1280	107	203	29	16	22	224
24	39	66	61	810	117	783	128	653	18	15	17	141
25	27	61	55	980	103	597	110	812	24	14	14	106
26	26	144	60	556	115	384	96	389	15	13	15	86
27	30	258	58	343	115	303	83	247	15	13	19	72
28	26	158	46	278	130	377	81	178	20	12	51	64
29	38	115	43	232	---	373	68	137	61	11	29	61
30	46	97	49	188	---	291	64	116	91	12	19	240
31	52	---	74	156	---	219	---	97	---	11	15	---
TOTAL	2855	2043	1646	15594	6529	13613	3345	6585	1229	930	495.4	6943.7
MEAN	92.1	68.1	53.1	503	233	439	112	212	41.0	30.0	16.0	231
MAX	318	258	85	1580	822	2100	201	1240	91	99	51	2200
MIN	11	22	35	73	103	138	64	40	15	11	6.2	8.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 1999, BY WATER YEAR (WY)

MEAN	124	168	189	197	201	305	370	204	121	58.0	81.4	76.5
MAX	832	569	527	503	621	699	786	577	492	276	1228	363
(WY)	1956	1956	1974	1999	1981	1953	1987	1989	1972	1972	1955	1975
MIN	16.8	24.6	37.5	15.7	47.9	106	92.9	59.4	28.9	12.1	9.32	10.3
(WY)	1958	1965	1981	1981	1980	1989	1985	1965	1995	1957	1957	1995

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SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1949 - 1999	
ANNUAL TOTAL	55094.1		61808.1			
ANNUAL MEAN	151		169		174	
HIGHEST ANNUAL MEAN					269	1955
LOWEST ANNUAL MEAN					62.0	1965
HIGHEST DAILY MEAN	1320	Mar 10	2200	Sep 17	24800	Aug 19 1955
LOWEST DAILY MEAN	6.7	Sep 1	6.2	Aug 7	.30	Sep 14 1957
ANNUAL SEVEN-DAY MINIMUM	11	Sep 1	6.9	Aug 7	2.1	Sep 10 1995
INSTANTANEOUS PEAK FLOW			3850	Sep 16	^a 44000	Aug 19 1955
INSTANTANEOUS PEAK STAGE			7.43	Sep 16	^b 16.48	Aug 19 1955
INSTANTANEOUS LOW FLOW			5.5	Aug 8	.20	Sep 14 1957
10 PERCENT EXCEEDS	331		386		377	
50 PERCENT EXCEEDS	93		74		100	
90 PERCENT EXCEEDS	16		15		22	

^a From rating curve extended above 5,600 ft³/s on basis of slope-area measurement of peak flow.
^b From floodmarks.

