

HOUSATONIC RIVER BASIN

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.

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, 28.5°C July 5, Aug. 18, 19, 2002; minimum daily, 0.0°C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 28.5°C July 5, Aug. 18, 19; minimum daily, 0.0°C on numerous days during winter period.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	8.0	9.5	0.5	2.0	3.5	9.0	9.0	20.5	25.0	25.5	20.0
2	14.0	8.5	10.0	0.5	2.0	3.0	9.0	9.5	20.5	25.5	26.0	19.5
3	14.0	9.5	9.5	0.5	1.0	3.0	9.0	9.5	19.5	26.5	26.5	19.0
4	15.0	10.0	8.5	0.5	0.5	4.5	8.5	10.0	19.0	28.0	26.5	20.0
5	15.5	10.5	7.5	0.5	0.5	4.0	6.5	11.0	18.0	28.5	26.5	21.0
6	16.5	10.0	7.5	0.5	0.5	3.0	5.5	12.5	18.5	27.5	26.5	21.0
7	16.5	9.0	8.0	0.5	0.5	3.0	5.0	15.0	18.0	25.5	25.0	21.0
8	14.5	8.5	8.0	0.5	0.5	3.5	5.5	16.0	17.0	24.0	24.0	21.5
9	12.5	8.0	7.0	0.5	1.5	5.0	6.0	16.5	18.0	24.0	24.0	21.5
10	11.5	8.0	5.5	0.5	1.5	6.5	9.5	15.0	19.0	24.5	24.0	22.0
11	11.0	7.0	4.5	0.5	2.0	8.0	10.5	15.0	19.5	24.5	24.0	23.5
12	10.0	6.0	4.0	0.5	1.5	5.5	11.0	16.0	21.5	24.0	24.5	21.0
13	13.5	5.0	4.0	0.5	1.0	4.5	11.5	14.0	21.0	24.0	25.5	20.0
14	14.5	4.5	4.0	0.5	0.5	4.5	13.5	10.5	19.5	24.0	26.0	20.5
15	14.5	4.5	4.5	0.5	0.5	5.5	14.5	10.5	18.5	24.0	26.5	21.0
16	14.5	5.0	5.0	0.5	1.0	6.0	15.5	10.5	16.5	24.0	27.0	21.0
17	14.5	5.5	4.0	0.5	2.0	6.5	17.0	13.0	16.0	24.5	28.0	21.0
18	13.5	6.5	3.5	1.0	2.0	5.5	18.5	14.0	17.0	25.5	28.5	20.5
19	12.5	6.5	3.5	1.0	1.5	5.0	20.5	11.5	18.5	26.0	28.5	21.0
20	11.5	6.5	3.5	0.5	2.0	5.0	20.5	11.0	20.0	26.0	28.0	21.0
21	11.0	6.0	3.0	0.5	3.5	4.0	18.0	10.5	20.0	25.5	26.5	21.5
22	11.5	5.5	2.0	0.5	4.5	4.0	15.5	10.5	21.5	25.5	26.0	21.5
23	12.5	5.5	1.0	0.5	4.5	3.5	12.5	12.5	22.0	26.5	25.5	23.0
24	12.5	5.5	1.0	0.5	4.0	3.0	10.5	14.5	23.5	26.5	24.5	22.0
25	13.5	5.5	1.0	0.5	3.5	4.0	11.0	16.0	24.0	24.5	23.5	21.5
26	13.5	6.5	1.0	1.5	4.0	5.0	10.5	17.0	24.0	24.5	23.5	21.0
27	12.5	7.5	0.5	2.0	5.5	5.0	9.0	16.5	24.5	24.0	23.5	19.5
28	11.0	8.5	0.0	2.0	5.0	4.5	10.0	18.0	25.0	23.5	23.0	19.0
29	10.0	9.0	0.5	2.0	---	5.0	10.0	18.5	24.5	23.5	23.0	18.0
30	9.5	8.5	0.5	3.0	---	6.0	8.5	18.5	25.0	24.5	21.0	17.5
31	8.5	---	0.5	3.5	---	7.5	---	20.0	---	25.0	21.0	---
MEAN	12.9	7.2	4.3	0.9	2.1	4.7	11.4	13.6	20.3	25.1	25.2	20.7

Science Challenge

What are the largest and longest reservoirs in the United States?

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Lake Mead, located on the Arizona-Nevada border is the largest reservoir in the United States, with a volume of 29,000,000 acre feet. Lake Powell, in Utah, is the longest reservoir, with a length of 186 miles.