

July 6, 2020

SITE LOCATION	SITE #	Time Sampled (24 hour time)	Water Temp. °F	<i>E.coli</i> per 100ml *
Blueberry Lake	BBL	7:45	73	42.0
Warren Falls (Mad River)	1	8:00	60	27.9
Warren Store (Freeman Brook)	4	8:45	60.0	23.3
Warren Riverside Park (Mad River)	7	7:25	64	12.2
Lareau Swimhole (Mad River)	19	7:37	66	48.7
Couples Club Field (Mad River)	19.2	7:52	67	155.3
Waitsfield Covered Bridge (Mad River)	20	8:05	64	161.6
Meadow Road Bridge (Mad River)	23	8:29	65	146.7
Moretown Village Swim Access (Mad River)	27	8:24	69	33.4
Ward Swimhole (Mad River)	29	8:03	71	45.5

* > 235 *E.coli* /100ml = Not suitable for recreation, according VT Department of Health and EPA

Data, Weather, and Flow Analysis

Sampling results from the third round of Friends of the Mad River's 2020 Mad River Watch water quality monitoring show no sites with unfavorable *E. coli* levels as of Monday morning, but with higher results in Waitsfield. Isolated thunderstorms moved through Waitsfield early on Sunday evening and likely flushed pollutants from the land into the water and downstream, which was captured by this week's sampling. During the recent dry spell the river has been slowly declining since cresting at 521 cubic feet per second (cfs) just before midnight on June 30 to a low on Monday morning at the time of sampling of 43.3 cfs, measured at the US Geological Service gage station in Moretown. The mean flow for this date over the last 90 years is 123 cfs at the Moretown gage; the water level is very low for this time of year.

River Flow

LS - low and steady: It has not rained in several days and the water is low.

Thanks to this week's volunteers!

Samplers - Rick Hungerford, Michael Ware, Ruth and Steve Lacey, Annie and Julia Fender, and Dylan Funnell

Lab Coordinator - Lisa Koitzsch

Posting Results - Annie Fender

Training and Support - Paula & Charlie Baldwin