

**MAD RIVER WATCH RESULTS AUGUST 9, 2010**

			% VIOLATION BASED ON OBSERVED FLOW 1994 - 2006						Water Temp. °F
SITE LOCATION	SITE #	8/9/10 E.coli/100 m	LD	LS	LR	HD	HS	HR	
Warren Falls (Mad River)	1	6.3	0	0	20	0	0	67	60.0
Bobbin Mill (Lincoln Brook)	2	43.2	0	0	30	5	0	33	60.0
Warren Covered Bridge (Mad River)	3	24.9	0	21	40	9	0	33	60.0
Warren Store (Freeman Brook)	4	15.8	13	14	70	39	0	100	61.0
Brook Road above Village (Freeman Brook)	4.5	24.3	0	0	38	0	50	100	60.0
North End Warren Village (Mad River)	5	12.2	6	23	40	4	0	50	61.0
Bridge on West Hill Road (Bradley Brook)	6	23.8	0	8	30	9	0	0	60.0
Seasons (Mad River)	6.5	63.8	NS	NS	NS	NS	NS	NS	60.0
Warren Riverside Park (Mad River)	7	88.0	6	0	80	5	100	50	60.0
Bottom of Sugarbush Access Rd (Clay Brk)	8	156.5	19	8	60	9	50	50	60.0
Route 100 crossing (Folsom Brook)	10	115.3	13	29	50	45	50	100	60.0
"Dip" on East Warren Rd. (S. Folsom Brook)	10.6	43.5	67	33	100	33	100	100	62.0
Sugarbush Health Club (Rice Brook)	11	42.6	0	23	40	14	50	67	60.0
Inferno Road Crossing (Clay Brook)	12	43.5	13	15	20	14	0	67	59.0
Fayston Elementary School (Slide Brk)	13.1	12.2	0	10	20	7	0	100	60.0
German Flats, Rt 17 (Chase Brk)	16	131.3	0	15	30	0	50	33	61.0
German Flats, Rt 17 (Mill Brk)	17	105.0	0	15	40	9	0	33	61.0
Battleground Condos (Mill Brk)	17.1	18.7	0	15	40	9	0	33	62.0
Mill Brook	18.1	151.5	0	0	40	0	0	50	62.0
Lareau Swimhole (Mad River)	19	48.6	19	46	70	35	100	0	61.0
Couples Club (Mad River)	19.2	160.7	13	23	90	25	50	33	61.0
Waitsfield Covered Bridge (Mad River)	20	172.3	13	38	90	36	100	33	62.0
Joslin Hill Road Culvert (High Bridge Brook)	20.1	56.3	0	9	40	7	100	100	60.0
Waitsfield Elementary School (Mad River)	21	121.1	6	31	90	32	100	67	61.0
North Road Covered Bridge (Pine Brook)	22	61.3	6	15	60	9	0	33	60.0
Meadow Road Bridge (Mad River)	23	67.7	25	43	100	36	100	67	62.0
Route 100 Bridge (Shepard Brook)	24	90.7	25	90	70	14	100	33	61.0
Route 100 Bridge (Dowsville Brook)	25	58.8	0	21	60	9	50	67	59.0
North Road near Moretown (Mad River)	26	111.2	38	62	100	50	100	67	61.0
Moretown Village Swim Access (Mad River)	27	160.7	63	50	100	67	100	67	61.0
Route 100B crossing (Doctors Brook)	27.1	62.4	19	15	90	27	50	100	60.0
Ward Clapboard Mill (Mad River)	28	248.1	63	64	90	59	100	67	61.0
Near Stevens Brook Road (Welder Brook)	28.05	547.5	29	33	88	25	0	100	60.0
Ward Swimhole (Mad River)	29	275.5	60	36	90	64	100	100	64.0
Lover's Lane Bridge (Mad River)	31	118.7	79	46	75	76	50	100	64.0
Blueberry Lake	BB Lake	5.2	0	33	17	44	50	50	74.0

**NS** - no samples

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

**LR - low and rising:** A recent rainfall has caused the low flowing river to rise.

**LD - low and declining:** Rain brought a low river up earlier in the week, but the flow is dropping

**HS - high and steady:** The river has been running higher than normal for several days.

**HR - high and rising:** Recent rains have caused a high river to rise even more.

**HD - high and declining:** After reaching a peak flow, dry weather has returned and the flow is falling.

**FLOW AND WEATHER ANALYSIS:**

The volume of water flowing in the Mad was high and rising at the time of sampling. After peaking at approximately 500 cubic feet per second, water levels declined to approx. 80 cfs late on August 8th. A rainstorm occurring late on August 8th and continuing (sampling day) caused water levels to rise. At the time of sampling, the discharge as measured was rising. The median for this date is 50 cfs.

**Thanks to this week's volunteers and staff!**

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