

**2020 White River Partnership Bacteria Data**

Tributary	Site Number	Town	Site Name	5/27/2020	6/10/2020	6/24/2020	7/8/2020	7/22/2020	8/5/2020	8/19/2020	9/2/2020	GeoMean			# times daily std exceeded				
				Weather within the past 24 hrs*									all	wet	dry	all	wet	dry	
				Sunny	Partly Sunny	Rain	Mostly Sunny	Mostly Sunny	Rain	Scattered Rain	Overcast	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli		
				West Hartford USGS gauge at 9am (CFS)**									MPN	MPN	MPN	MPN	MPN	MPN	MPN
				W. Hartford USGS gauge daily mean value (CFS)***									MPN	MPN	MPN	MPN	MPN	MPN	MPN
				737	381	245	196	155	2160	137	158								
				1460	1040	782	609	503	468	399	371								
				0.00	0.00	0.60	0.00	0.00	3.56	0.23	0.02								
				0.00	0.00	1.12	0.00	0.00	3.59	0.89	0.02								
				Dry	Dry	Wet	Dry	Dry	Wet	Dry	Dry								
				E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli		
				MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN		
Lower Main Stem	1	Hartford	Old River Rd	23.3	9.7	228.2	10.8	19.9	2419.6	15.8	41.0	45.2	743.1	17.8	1	1	0		
	2	W. Hartford	West Hartford Bridge	31.7	17.1	44.1	27.9	17.3	2419.6	27.5	27.5	46.3	326.7	24.1	1	1	0		
	3	Sharon	The Sharon Academy	35.5	52.9	214.2	64.4	51.2	2419.6	160.7	93.3	121.7	719.9	67.3	1	1	0		
	4	Royalton	Pinch Rock	18.5	21.3	222.4	21.3	39.9	2419.6	47.3	62.0	69.2	733.6	31.5	1	1	0		
Upper Main Stem	5	Bethel	Peavine Park-Bethel	19.3	14.5	155.3	19.7	8.6	2419.6	40.8	17.3	43.4	613.0	18.0	1	1	0		
	6	Barnard	Silver Lake	5.2	3.1	21.8	5.2	2.0	59.8	5.2	17.1	8.1	36.1	5.0	0	0	0		
	7	Stockbridge	Gaysville Bridge	12.1	13.4	129.6	18.5	21.1	2419.6	34.1	13.4	41.7	560.0	17.5	1	1	0		
	8	Stockbridge	Mouth of Tweed	88.0	29.2	48.7	24.1	22.8	410.6	27.5	24.6	45.7	141.4	31.4	1	1	0		
	9	Stockbridge	Peavine Park-Stockbridge	37.7	50.4	101.4	42.6	25.9	2419.6	111.2	53.8	86.3	495.3	48.2	1	1	0		
	10	Rochester	Lion's Club Park	12.1	48.8	201.4	64.5	62.7	816.4	201.4	35.0	85.2	405.5	50.6	1	1	0		
	11	Hancock	Taylor Meadow Rd	4.1	12.2	816.4	186.0	85.7	547.5	16.9	14.5	55.3	668.6	24.1	2	2	0		
	12	Royalton	Mouth of First Branch	68.3	67.0	1413.6	290.9	120.1	2419.6	172.3	78.9	228.5	1849.4	113.8	3	2	1		
First Branch	13	Tunbridge	Tunbridge Fairgrounds	83.6	22.3	1553.1	365.4	152.9	2419.6	206.4	37.9	204.5	1938.5	96.6	3	2	1		
	14	Tunbridge	Town Pool Tributary	14.8	46.4	235.9	30.9	22.8	1119.9	39.7	2.0	42.2	514.0	18.4	2	2	0		
	15	Chelsea	Chelsea Rec Park	114.5	238.2	648.8	178.5	325.5	1553.1	209.8	167.0	294.1	1003.8	195.3	4	2	2		
	16	Royalton	Mouth of Second Branch	58.1	150.0	686.7	122.3	98.7	2419.6	224.7	64.4	199.7	1289.0	107.3	2	2	0		
Second Branch	17	Randolph	Dugout Road	248.1	152.9	1119.9	248.9	290.9	2419.6	116.9	113.7	315.8	1646.1	182.1	5	2	3		
	18	Brookfield	Sunset Lake	114.5	5.2		7.5	6.3	42.0	3.0	2.0	9.5	42.0	7.4	0	0	0		
Third Branch	19	Bethel	Mouth of Third Branch	68.4	27.2	579.4	43.2	25.9	2419.6	18.3	14.6	72.7	1184.0	28.7	2	2	0		
	20	Bethel	Stock Farm Road	37.3	42.0	435.2	98.4	24.6	2419.6	68.9	68.9	108.3	1026.2	51.2	2	2	0		
	21	Randolph	Randolph Rec Park	35.5	31.8	161.6	51.2	45.0	2419.6	35.0	32.3	76.3	625.3	37.9	1	1	0		
	22	Braintree	Riford Brook Road	17.1	9.7	517.2	160.7	44.1	2419.6	58.3	26.2	83.0	1118.7	34.9	2	2	0		

MPN: Most Probable Number (statistical)

175

37

30

7

exceeds EPA daily standard (235 colonies/100mL sample)

exceeds EPA seasonal standard (126 colonies/100mL sample)

total samples

21%

17%

4%

\* Weather in the past 24 hrs - Based on last 24 hrs- Descriptors include- Mostly Sunny (<49% cloud cover), Partly Sunny (50-99% cloud cover), Overcast (100% cloud cover, no rain), Scattered Rain (measurable rain <.1 but >.05 inches), Rain (>.1 inches)

\*\*River gauge data found at: <http://waterdata.usgs.gov/usa/nwis/uv?01144000>

\*\*\*Weather Data found at: <https://www.weather.gov/btv/climatemaps>

\*\*\*\* Wet - More than .1 inches in the last 24 hrs or more than .25 inches in the last 48