

2019 White River Partnership Bacteria Data

	Weather within the past 24 hrs*			5/29/2019	6/12/2019	6/26/2019	7/10/2019	7/24/2019	8/7/2019	8/21/2019	9/4/2019	GeoMean			# times daily std exceeded			
				Rain	Overcast	Rain	Sunny	Partly Sunny	Mostly Sunny	Overcast	Overcast							
	West Hartford USGS gauge at 9am (CFS)**			4530	2470	2610	661	590	209	225	325							
	W. Hartford USGS gauge daily mean value (CFS)**			1370	1070	862	603	649	520	343	359							
	Rain Accumulation (in) max in the last 24 hrs-NWS COOP***			0.83	0.00	0.76	0.00	0.00	0.12	0.00	0.00	0.00						
	Rain Accumulation (in) max in the last 48 hrs-NWS COOP***			0.83	1.12	0.76	0.00	0.37	0.12	0.00	0.00	0.48						
Conditions (wet or dry)****			Wet	Wet	Wet	Dry	Wet	Wet	dry	Wet								
			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		
Tributary	Site Number	Town	Site Name	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN		
Lower Main Stem	1	Hartford	Old River Rd	461.1	461.1	344.8	19.7	46.7	4.1	17.1	43.7	61.6	92.2	18.4	3	3	0	
	2	W. Hartford	West Hartford Bridge	410.6	238.2	517.2	18.9	29.4	19.9	36.9	41.4	73.5	103.4	26.4	3	3	0	
	3	Sharon	The Sharon Academy	410.6	198.9	980.4	44.1	57.3	14.5	67.6	64.4	103.1	127.4	54.6	2	2	0	
	4	Royalton	Pinch Rock	218.7	249.5	1203.3	35.0	21.1	33.6	33.1	46.4	84.1	113.7	34.0	2	2	0	
Upper Main Stem	5	Bethel	Peavine Park-Bethel	107.1	22.2	95.9	21.8	22.3	27.5	16.9	17.3	31.2	36.6	19.2	0	0	0	
	6	Barnard	Silver Lake	8.6	12.0	27.2	3.1	2.0	0.1	3.1	5.2	3.6	3.8	3.1	0	0	0	
	7	Stockbridge	Gaysville Bridge	60.2	37.3	129.6	11.0	18.5	17.5	8.5	60.2	29.2	42.2	9.7	0	0	0	
	8	Stockbridge	Mouth of Tweed	9.8	41.0	30.1	28.5	32.7	21.3	24.3	61.3	27.8	28.3	26.3	0	0	0	
	9	Stockbridge	Peavine Park-Stockbridge	53.8	22.8	127.4	33.1	46.4	32.3	31.5	86.0	46.3	52.2	32.3	0	0	0	
First Branch	10	Rochester	Lion's Club Park	21.3	26.2	37.9	30.1	35.5	73.3	32.7	46.2	35.5	36.9	31.4	0	0	0	
	11	Hancock	Taylor Meadow Rd	14.6	12.0	29.2	25.9	46.4	42.0	43.5	44.8	29.0	27.6	33.6	0	0	0	
	12	Royalton	Mouth of First Branch	142.1	90.9	461.1	27.2	191.8	129.6	228.2	131.4	136.5	164.0	78.8	1	1	0	
	13	Tunbridge	Tunbridge Fairgrounds	61.3	110.0	307.6	119.8	107.1	90.5	517.2	59.4	128.4	103.0	248.9	2	1	1	
	14	Tunbridge	Town Pool Tributary	172.5	160.7	111.2	16.0	52.0	2.0	10.9	4.1	26.3	33.1	13.2	0	0	0	
Second Branch	15	Chelsea	Chelsea Rec Park	65.7	73.3	104.3	46.4	107.6	344.8	167.0	121.1	107.2	114.5	88.0	1	1	0	
	16	Royalton	Mouth of Second Branch	920.8	517.2	2419.6	120.1	151.5	139.6	344.8	69.7	302.6	345.4	203.5	4	3	1	
	17	Randolph	Dugout Road	770.1	228.2	1046.2	105.0	365.4	172.3	133.4	125.9	259.3	336.7	118.4	3	3	0	
Third Branch	18	Brookfield	Sunset Lake	34.1	28.5	93.3		3.1	5.2	17.1	5.2	14.4	14.0	17.1	0	0	0	
	19	Bethel	Mouth of Third Branch	186.0	275.5	1986.3	62.0	52.0	48.0	25.6	44.1	107.5	149.6	39.8	2	2	0	
	20	Bethel	Stock Farm Road	119.8	344.8	1986.3	69.7	60.2	111.2	920.8	201.4	227.2	219.1	253.3	3	2	1	
	21	Randolph	Randolph Rec Park	38.4	53.7	55.6	71.2	48.7	275.5	55.6	41.7	63.2	63.3	62.9	1	1	0	
	22	Braintree	Riford Brook Road	25.9	18.9	48.7	172.3	64.4	125.0	172.5	172.5	74.8	56.7	172.4	0	0	0	

MPN: Most Probable Number (statistical)

175 27 24 3

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

total samples 15% 14% 2%

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

175

* 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/bv/climatemaps>

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

