

**2017 White River Partnership Bacteria Data**

	Weather within the past 24 hrs*			5/31/2017	6/14/2017	6/28/2017	7/12/2017	7/26/2017	8/9/2017	8/23/2017	9/6/2017	9/20/2017	GeoMean			# times daily std was exceeded		
				Rain	Sunny	Scattered Rain	Scattered Rain	Scattered Rain	Mostly Sunny	Rain	Rain	Sunny						
	West Hartford USGS gauge at 9am (CFS)**			2240	946	1140	1190	1190	442	408	613	252						
	W. Hartford USGS gauge daily mean value (CFS)**			1250	949	843	614	462	433	374	325	427						
	Rain Accumulation (in) max in the last 24 hrs-NWS COOP***			0.25	0.00	0.44	0.02	0.10	0.02	0.15	0.44	0.00						
	Rain Accumulation (in) max in the last 48 hrs-NWS COOP***			0.54	0.00	0.52	0.06	1.07	0.20	0.15	0.44	0.00						
Conditions (wet or dry)****			Wet	Dry	Dry	Dry	Wet	Dry	Wet	Wet	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	E-coli	
Tributary	Site Number	Town	Site Name	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	
Lower Main Stem	1	Hartford	Old River Rd	83.6	32.7	131.4	49.5	151.5	22.8	1203.3	325.5	15.8	89.8	265.4	37.7	2	2	
	2	W. Hartford	West Hartford Bridge	142.1	48.0	90.8	75.4	108.6	27.5	238.2	161.6	35.0	83.0	156.1	50.1	1	1	
	3	Sharon	The Sharon Academy	193.5	60.9	98.5	101.4	121.1	81.3	261.3	1046.2	73.8	141.9	282.9	81.7	2	2	
	4	Royalton	Pinch Rock	124.6	39.9	55.6	35.9	95.8	58.1	172.5	344.8	65.0	84.2	163.2	49.6	1	1	
Upper Main Stem	5	Bethel	Peavine Park-Bethel	34.5	13.5	24.6	14.5	34.5	7.5	111.2	222.4	9.7	27.9	73.7	12.8			
	6	Barnard	Silver Lake	12.1	3.1	18.7	6.3	115.3	16.1	5.2	39.9	5.2	12.7	23.2	7.9			
	7	Stockbridge	Gaysville Bridge		6.3	35.0	37.3	325.5	13.2	142.1	185.0	14.6	43.8	204.5	17.4	1	1	
	8	Stockbridge	Mouth of Tweed	15.6	6.3	20.1	51.2	27.9	11.8	122.3	95.8	15.6	26.3	47.5	16.4			
	9	Stockbridge	Peavine Park-Stockbridge	69.7	18.9	99.0	45.0	101.7	30.9	980.4	1203.3	161.6	115.0	302.4	53.1	2	2	
	23	Rochester	Bingo Brook	19.9	4.1	14.6	0.1	14.8		31.7	29.2	9.7	7.9	22.9	2.8			
	10	Rochester	Lion's Club Park	59.4	36.4	52.1	26.9	85.7	53.8	152.9	119.8	24.6	56.9	98.3	36.8			
11	Hancock	Taylor Meadow Rd	27.5	32.7	13.5	16.0	79.4	36.9	129.1	79.8	33.2	38.7	68.9	24.4				
First Branch	12	Royalton	Mouth of First Branch	307.6	66.3	178.5	65.7	224.7	248.1	727.0	686.7	410.6	240.9	431.0	151.3	5	3	
	13	Tunbridge	Tunbridge Fairgrounds	127.4	579.4	105.0	73.8	107.6	209.8	1299.7	2419.6	57.3	236.6	455.7	140.1	3	2	
	14	Tunbridge	Town Pool Tributary	111.2	60.2	31.3	64.4	55.4	29.5	40.8	139.6	63.1	58.4	77.0	46.9			
	15	Chelsea	Chelsea Rec Park	146.7	65.0	95.9	172.5	142.1	152.9	2419.6	2419.6	387.3	270.6	591.1	144.8	3	2	
Second Branch	16	Royalton	Mouth of Second Branch	396.8	172.3	157.6	160.7	187.2	146.7	770.1	488.4	150.0	240.4	408.8	157.2	3	3	
	17	Randolph	Dugout Road	435.2	113.7	172.5	172.2	135.4	160.7	2419.6	2419.6	137.4	309.1	766.4	149.5	3	3	
	18	Brookfield	Sunset Lake	73.8	31.8		12.0	19.9		21.8	90.6	5.2	24.8	41.3	12.6			
Third Branch	19	Bethel	Mouth of Third Branch	272.3	71.7	98.5	54.8	79.4	58.3	231.0	195.6	59.1	103.0	176.8	66.8	1	1	
	20	Bethel	Stock Farm Road	198.9	111.2	95.9	90.6	93.3	93.3	920.8	579.4	143.9	171.5	315.4	105.3	2	2	
	21	Randolph	Randolph Rec Park	41.4	51.2	152.3	31.8	39.9	29.5	727.0	209.8	83.6	81.2	126.0	57.2	1	1	
	22	Braintree	Riford Brook Road	1553.1	76.7	191.8	135.4	67.7	151.5	920.8	290.9	238.2	233.0	409.7	148.4	4	3	

exceeds EPA daily standard (235 colonies/100mL sample) Most Probable Number (statistical) 203 34 29 5  
exceeds EPA seasonal standard (126 colonies/100mL sample) total samples 17% of 203

\* 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