

2018 White River Partnership Bacteria Data

	Weather within the past 24 hrs*			5/30/2018	6/13/2018	6/27/2018	7/11/2018	7/25/2018	8/8/2018	8/22/2018	9/5/2018	9/19/2018	GeoMean			# times daily std was exceeded		
				Mostly Sunny	Mostly Sunny	Mostly Sunny	Mostly Sunny	Overcast	Scattered Rain	Rain	Mostly Sunny	Scattered Rain						
	West Hartford USGS gauge at 9am (CFS)**			631	329	256	205	381	422	256	256	256						
	W. Hartford USGS gauge daily mean value (CFS)**			1400	982	967	654	542	473	414	325	405						
	Rain Accumulation (in) max in the last 24 hrs-NWS COOP***			0.00	0.00	0.00	0.18	1.20	0.06	0.16	0.00	0.1						
Rain Accumulation (in) max in the last 48 hrs-NWS COOP***			0.02	0.00	0.04	0.18	1.20	0.06	0.16	1.47	0.18							
Conditions (wet or dry)****			<i>dry</i>	<i>dry</i>	<i>dry</i>	<i>dry</i>	<i>wet</i>	<i>dry</i>	<i>wet</i>	<i>wet</i>	<i>wet</i>							
			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	36.4		22.6	40.8	91.0	81.6	86.0	140.8	9.8	48.3	57.3	40.7	0	0	0
	2	W. Hartford	West Hartford Bridge	21.1	17.3	17.5	22.3	84.2	65.0	61.6	71.7	32.3	36.4	58.9	27.0	0	0	0
	3	Sharon	The Sharon Academy	52.9	38.9	62.0	46.5	121.1	387.3	63.7	131.7	78.0	82.8	94.3	87.7	1	0	1
	4	Royalton	Pinch Rock	58.3	38.8	54.6	35.5	149.7	272.3	41.4	22.3	35.5	56.5	47.1	74.5	1	0	1
Upper Main Stem	5	Bethel	Peavine Park-Bethel	21.3	13.2	10.8	125.9	71.7	122.3	17.3	79.9	32.7	37.6	42.4	43.4	0	0	0
	6	Barnard	Silver Lake	1.0	3.0	56.3	146.7	27.5	17.3	11.9	4.1		12.4	11.0	19.4	0	0	0
	7	Stockbridge	Gaysville Bridge	4.1	7.5	15.8	238.2	95.8	139.6	13.5	35.0	44.1	31.7	37.6	38.3	1	0	1
	8	Stockbridge	Mouth of Tweed	5.2	18.9	32.3	111.2	37.9	38.8	93.2	40.4	29.5	33.8	45.3	29.2	0	0	0
	9	Stockbridge	Peavine Park-Stockbridge	17.5	43.5	79.8	184.2	145.0	272.3	110.6	152.9	66.3	92.5	112.9	91.5	1	0	1
	23	Rochester	Bingo Brook	3.1	7.3	14.6	18.7	27.9	43.2	73.3	13.5		17.1	30.2	13.8	0	0	0
	10	Rochester	Lion's Club Park	74.4	27.5	95.9	88.4	90.8	113.0	79.8	156.5	64.4	80.6	92.4	91.9	0	0	0
First Branch	11	Hancock	Taylor Meadow Rd	9.7	34.1	133.3	172.6	139.6	95.9	86.2	73.3	17.5	60.7	62.7	68.0	0	0	0
	12	Royalton	Mouth of First Branch	93.3	261.3	344.8	225.4	435.2	2419.6	435.2	139.6	108.1	286.7	231.2	363.9	5	2	3
	13	Tunbridge	Tunbridge Fairgrounds	51.2	76.2	159.7	167.0	272.3	307.5	151.5	95.9	275.5	148.4	181.7	143.1	3	1	2
	14	Tunbridge	Town Pool Tributary	67.7	1.0	3.1	14.8	65.0	547.5	108.6	13.5	12.1	23.2	32.8	36.1	1	0	1
Second Branch	15	Chelsea	Chelsea Rec Park	62.4	123.4	83.3	228.2	547.5	344.8	344.8	165.8	218.7	191.4	287.6	142.2	3	2	1
	16	Royalton	Mouth of Second Branch	143.9	146.7	185.0	116.2	198.9	146.7	248.1	222.4	135.4	166.6	196.3	146.0	1	1	0
	17	Randolph	Dugout Road	111.2	155.3	222.4	125.9	461.1	119.1	156.5	125.9	214.2	168.9	210.0	138.8	1	1	0
Third Branch	18	Brookfield	Sunset Lake		1.0	26.2	3.1	41.4	6.3	21.1	4.1		7.8	15.3	8.0	0	0	0
	19	Bethel	Mouth of Third Branch	56.3	48.7	115.3	125.9	90.6	69.7	56.5	126.7	32.7	73.0	67.9	86.9	0	0	0
	20	Bethel	Stock Farm Road	59.4	58.3	90.8	90.9	214.3	125.9	142.1	325.5	307.6	130.5	235.0	88.6	2	1	1
	21	Randolph	Randolph Rec Park	43.5	26.2	42.0	55.6	93.3	75.9	365.4	55.6	23.8	59.3	82.0	52.7	1	1	0
	22	Braintree	Riford Brook Road	42.8	47.3	31.3	866.4	172.3	218.7	488.4	185.0	74.3	134.0	184.4	126.2	2	1	1

exceeds EPA daily standard (235 colonies/100mL sample) Most Probable Number (statistical) **202** **23** 10 13
exceeds EPA seasonal standard (126 colonies/100mL sample) total samples 11% 202

* 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

Adaptive sites 2018

AYB	Randolph	Ayers Brook mouth		275.5		272.3		110.6		67.0		153.5	67.0	173.5	2	0	2
HDR	Randolph	Hedding Dr		33.6		105.9		111.9		95.9		78.6	95.9	108.9	0	0	0

