

**2018 White River Partnership Bacteria Data**

				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
<b>Weather within the past 24 hrs*</b>				Mostly Sunny	Mostly Sunny	Mostly Sunny	Mostly Sunny	Overcast	Scattered Rain	Rain	Mostly Sunny	Scattered Rain
<b>West Hartford USGS gauge at 9am (CFS)**</b>				631	329	256	205	381	422	256	256	256
<b>West Hartford USGS gauge daily mean value (CFS)**</b>				1400	982	967	654	542	473	414	325	405
<b>Rain Accumulation (in) in the last 24 hrs in Randolph***</b>				0.00	0.00	0.00	0.00	0.00	0.06	0.16	0.00	0.10
<b>Rain Accumulation (in) in the last 48 hrs in Randolph***</b>				0.02	0.00	0.01	0.00	0.95	0.06	0.16	1.44	0.18
<b>Conditions (wet or dry)****</b>				<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>
				<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>	<b>E-coli</b>
<b>Tributary</b>	<b>Site Number</b>	<b>Town</b>	<b>Site Name</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>	<b>MPN</b>
<b>Lower Main Stem</b>	1	Hartford	Old River Rd	36.4		22.6	40.8	91.0	81.6	86.0	140.8	9.8
	2	W. Hartford	West Hartford Bridge	21.1	17.3	17.5	22.3	84.2	65.0	61.6	71.7	32.3
	3	Sharon	The Sharon Academy	52.9	38.9	62.0	46.5	121.1	387.3	63.7	131.7	78.0
	4	Royalton	Pinch Rock	58.3	38.8	54.6	35.5	149.7	272.3	41.4	22.3	35.5
<b>Upper Main Stem</b>	5	Bethel	Peavine Park-Bethel	21.3	13.2	10.8	125.9	71.7	122.3	17.3	79.9	32.7
	6	Barnard	Silver Lake	1.0	3.0	56.3	146.7	27.5	17.3	11.9	4.1	
	7	Stockbridge	Gaysville Bridge	4.1	7.5	15.8	238.2	95.8	139.6	13.5	35.0	44.1
	8	Stockbridge	Mouth of Tweed	5.2	18.9	32.3	111.2	37.9	38.8	93.2	40.4	29.5
	9	Stockbridge	Peavine Park-Stockbridge	17.5	43.5	79.8	184.2	145.0	272.3	110.6	152.9	66.3
	23	Rochester	Bingo Brook	3.1	7.3	14.6	18.7	27.9	43.2	73.3	13.5	
	10	Rochester	Lion's Club Park	74.4	27.5	95.9	88.4	90.8	113.0	79.8	156.5	64.4
<b>First Branch</b>	11	Hancock	Taylor Meadow Rd	9.7	34.1	133.3	172.6	139.6	95.9	86.2	73.3	17.5
	12	Royalton	Mouth of First Branch	93.3	261.3	344.8	225.4	435.2	2419.6	435.2	139.6	108.1
	13	Tunbridge	Tunbridge Fairgrounds S	51.2	76.2	159.7	167.0	272.3	307.5	151.5	95.9	275.5
	14	Tunbridge	Town Pool Tributary	67.7	1.0	3.1	14.8	65.0	547.5	108.6	13.5	12.1
	15	Chelsea	Chelsea Rec Park	62.4	123.4	83.3	228.2	547.5	344.8	344.8	165.8	218.7
<b>Second Branch</b>	16	Royalton	Mouth of Second Branch	143.9	146.7	185.0	116.2	198.9	146.7	248.1	222.4	135.4
	17	Randolph	Dugout Road	111.2	155.3	222.4	125.9	461.1	119.1	156.5	125.9	214.2
	18	Brookfield	Sunset Lake		1.0	26.2	3.1	41.4	6.3	21.1	4.1	
<b>Third Branch</b>	19	Bethel	Mouth of Third Branch	56.3	48.7	115.3	125.9	90.6	69.7	56.5	126.7	32.7
	20	Bethel	Stock Farm Road	59.4	58.3	90.8	90.9	214.3	125.9	142.1	325.5	307.6
	21	Randolph	Randolph Rec Park	43.5	26.2	42.0	55.6	93.3	75.9	365.4	55.6	23.8
	22	Braintree	Riford Brook Road	42.8	47.3	31.3	866.4	172.3	218.7	488.4	185.0	74.3

exceeds EPA standard (235 colonies/100mL sample)

\* 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>

\*\*\*Precip Data measured at Ayer's Brook in Randolph, found at: [http://waterdata.usgs.gov/vt/nwis/uv?site\\_no=01142500](http://waterdata.usgs.gov/vt/nwis/uv?site_no=01142500)

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