

2017 White River Partnership Bacteria Data

				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
Weather within the past 24 hrs*				Rain	Sunny	Scattered Rain	Sunny	Scattered Rain				
West Hartford USGS gauge at 9am (CFS)**				2240	946	1140	1190	1190				
West Hartford USGS gauge daily mean value (CFS)**				1250	949	843	614	462				
Rain Accumulation (in) in the last 24 hrs in Randolph***				0.25		0.02		0.01				
Rain Accumulation (in) in the last 48 hrs in Randolph***				0.54		0.02	0.01	0.75				
Conditions (wet or dry)****				<i>Wet</i>	<i>Dry</i>	<i>Dry</i>	<i>Dry</i>	<i>Wet</i>				
				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
Lower Main Stem	1	Hartford	Old River Rd	83.6	32.7	131.4	49.5	151.5				
	2	W. Hartford	West Hartford Bridge	142.1	48.0	90.8	75.4	108.6				
	3	Sharon	The Sharon Academy	193.5	60.9	98.5	101.4	121.1				
	4	Royalton	Pinch Rock	124.6	39.9	55.6	35.9	95.8				
Upper Main Stem	5	Bethel	Peavine Park-Bethel	34.5	13.5	24.6	14.5	34.5				
	6	Barnard	Silver Lake	12.1	3.1	18.7	6.3	115.3				
	7	Stockbridge	Gaysville Bridge	No data	6.3	35.0	37.3	325.5				
	8	Stockbridge	Mouth of Tweed	15.6	6.3	20.1	51.2	27.9				
	9	Stockbridge	Peavine Park-Stockbridge	69.7	18.9	99.0	45.0	101.7				
	10	Rochester	Lion's Club Park	59.4	36.4	52.1	26.9	85.7				
	11	Hancock	Taylor Meadow Rd	27.5	32.7	13.5	16.0	79.4				
First Branch	12	Royalton	Mouth of First Branch	307.6	66.3	178.5	65.7	224.7				
	13	Tunbridge	Tunbridge Fairgrounds S	127.4	579.4	105.0	73.8	107.6				
	14	Tunbridge	Town Pool Tributary	111.2	60.2	31.3	64.4	55.4				
	15	Chelsea	Chelsea Rec Park	146.7	65.0	95.9	172.5	142.1				
Second Branch	16	Royalton	Mouth of Second Branch	396.8	172.3	157.6	160.7	187.2				
	17	Randolph	Dugout Road	435.2	113.7	172.5	172.2	135.4				
	18	Brookfield	Sunset Lake	73.8	31.8	No data	12.0	19.9				
Third Branch	19	Bethel	Mouth of Third Branch	272.3	71.7	98.5	54.8	79.4				
	20	Bethel	Stock Farm Road	198.9	111.2	95.9	90.6	93.3				
	21	Randolph	Randolph Rec Park	41.4	51.2	152.3	31.8	39.9				
	22	Braintree	Riford Brook Road	1553.1	76.7	191.8	135.4	67.7				
Bingo Brook		Rochester	Bingo Brook	19.9	4.1	14.6	0.1	14.8				

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

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