

2022 White River Partnership Bacteria Data

				5/25/2022	6/8/2022	6/22/2022	7/6/2022	7/20/2022	8/3/2022	8/17/2022	8/31/2022						
Weather within the past 24 hrs*				Sunny	Rain	Scattered Rain	Scattered Rain	Sunny	Scattered Rain	Scattered Rain	Scattered Rain	GeoMean			# times daily std exceeded		
West Hartford USGS gauge at 9am (CFS)**				783	427	293	222	413	123	102	169	all	wet	dry	all	wet	dry
W. Hartford USGS gauge daily mean value (CFS)**				1550	980	777	654	538	441	396	355	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli
Rain Accumulation (in) max in the last 24 hrs-NWS COOP***				0.00	0.66	0.11	0.74	0.00	0.14	1.10	1.50	MPN	MPN	MPN	MPN	MPN	MPN
Rain Accumulation (in) max in the last 48 hrs-NWS COOP***				0.00	0.66	0.11	0.74	1.57	0.14	1.10	1.50	MPN	MPN	MPN	MPN	MPN	MPN
Conditions (wet or dry)****				Dry	Wet	Dry	Wet	Wet	Dry	Wet	Wet	MPN	MPN	MPN	MPN	MPN	MPN
				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	18.3	74.9	17.1	45.7	105.4	21.8	39.3	160.7	44.6	74.4	19.0	0	0	0
	2	W. Hartford	West Hartford Bridge	18.5	44.1	25.9	57.3	59.1	34.5	28.8	547.5	50.0	74.9	25.5	1	1	0
	3	Sharon	The Sharon Academy	37.9	178.9	43.2	98.7	133.4	80.9	135.4	816.4	116.7	191.9	51.0	1	1	0
	4	Royalton	Pinch Rock	10.9	113.7	41.4	110.0	95.9	46.4	40.4	139.1	58.7	92.4	27.6	0	0	0
Upper Main Stem	5	Bethel	Peavine Park-Bethel	9.7	31.7	14.6	60.5	55.4	7.3	59.4	105.0	30.2	58.1	10.1	0	0	0
	6	Barnard	Silver Lake	1.0	2.0	45.0	22.8	0.0	21.6	3.0	10.8	7.6	6.2	9.9	0	0	0
	7	Stockbridge	Gaysville Bridge	31.8	53.8	21.1	195.6	71.7	4.1	6.1	28.8	27.9	42.1	14.0	0	0	0
	8	Stockbridge	Mouth of Tweed	1.0	96.7	36.4	64.4	29.4	48.7	23.1	146.7	32.0	57.4	12.1	0	0	0
	9	Stockbridge	Peavine Park-Stockbridge	14.6	178.5	62.4	133.4	185.0	13.2	18.7	78.0	54.5	91.5	22.9	0	0	0
	10	Rochester	Lion's Club Park	25.6	111.2	60.9	365.4	224.7	74.9	120.1	248.1	115.5	193.6	48.9	2	2	0
	11	Hancock	Taylor Meadow Rd	38.9	123.6	96.0	387.3	152.9	45.0	52.9	72.7	91.1	123.0	55.2	1	1	0
First Branch	12	Royalton	Mouth of First Branch	110.6	275.5	178.5	461.1	328.2	20.1	79.8	816.4	179.5	306.8	73.5	4	4	0
	13	Tunbridge	Tunbridge Fairgrounds	62.0	238.2	166.4	461.1	365.4	25.6	435.2	770.1	208.4	422.4	64.2	5	5	0
	14	Tunbridge	Town Pool Tributary	18.7	1046.2	8.6	42.6	108.6	18.5	5.2	248.1	45.6	91.0	14.4	2	2	0
	15	Chelsea	Chelsea Rec Park	125.9	1553.1	105.0	727.0	579.4	461.1	980.4	1732.9	535.6	1021.4	182.7	6	5	1
Second Branch	16	Royalton	Mouth of Second Branch	139.6	228.2	186.0	517.2	214.3	435.2	57.1	209.8	207.4	197.8	224.4	2	1	1
	17	Randolph	Dugout Road	122.3	328.2	260.3	686.7	344.8	325.5	228.2	648.8	323.3	409.4	218.0	6	4	2
	18	Brookfield	Sunset Lake	44.8	53.7	14.6	14.6	23.8	48.7	1.0	14.6	17.5	12.2	31.7	0	0	0
Third Branch	19	Bethel	Mouth of Third Branch	101.9	195.6	73.3	172.2	201.4	28.5	12.1	248.9	90.1	115.4	59.7	1	1	0
	20	Bethel	Stock Farm Road	44.8	285.1	248.1	224.7	488.4	121.1	59.4	613.1	187.6	257.8	110.4	4	3	1
	21	Randolph	Randolph Rec Park	37.9	248.1	30.1	150.0	115.3	16.0	40.4	148.3	68.2	120.8	26.3	1	1	0
	22	Braintree	Riford Brook Road	28.2	146.7	68.4	770.1	157.6	73.3	129.1	461.1	140.3	254.1	52.1	2	2	0
MPN: Most Probable Number (statistical)												175			38	33	5

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

exceeds EPA seasonal standard (126 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>

***Weather Data found at: <https://www.weather.gov/bvt/climatemaps>

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

total samples

22%

19%

3%

175