

2023 White River Partnership Bacteria Data

				5/31/2023	6/14/2023	6/28/2023	7/12/2023	7/26/2023	8/9/2023	8/23/2023	9/6/2023						
Weather within the past 24 hrs*				Sunny	Rain	Rain	FLOODING	Overcast	Rain	Sunny	Sunny	GeoMean			# times daily std exceeded		
West Hartford USGS gauge at 9am (CFS)**				476	1280	2390	7690	1690	5490	1470	803	all			all		
W. Hartford USGS gauge daily mean value (CFS)**				1250	934	834	613	474	429	374	324	wet			wet		
Rain Accumulation (in) max in the last 24 hrs-NWS COOP***				0.00	1.25	1.01		0.01	1.27	0.00	0.00	dry			dry		
Rain Accumulation (in) max in the last 48 hrs-NWS COOP****				0.00	2.28	3.28		0.98	2.23	0.00	0.00	all			all		
Conditions (wet or dry)****				Dry	Wet	Wet	Wet	Dry	Wet	Dry	Dry	all			all		
				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	9.8	686.7	1413.6		98.8	1046.2	18.7	22.6	122.6	1005.2	25.3	3	3	0
	2	W. Hartford	West Hartford Bridge	11.0	727.0	1413.6	UNSAFE	104.3	1119.9	32.3	35.9	147.7	1048.0	34.0	3	3	0
	3	Sharon	The Sharon Academy	39.3	547.5	980.4	TO	108.1	1046.2	37.9	101.7	190.8	825.0	63.6	3	3	0
	4	Royalton	Pinch Rock	24.3	1413.6	816.4	SAMPLE	60.2	2419.6	31.3	42.8	177.1	1408.2	37.4	3	3	0
Upper Main Stem	5	Bethel	Peavine Park-Bethel	20.1	160.7	770.1		14.8	73.3	23.1	27.9	56.1	208.6	20.9	1	1	0
	6	Barnard	Silver Lake	1.0	88.4	648.8		435.2	no data	8.6	40.4	45.3	239.5	19.7	2	1	1
	7	Stockbridge	Gaysville Bridge	18.9	178.5	275.5	UNSAFE	39.9	83.6	63.8	23.3	64.4	160.2	32.5	1	1	0
	8	Stockbridge	Mouth of Tweed	3.1	14.5	17.3	TO	17.5	43.2	14.8	26.6	15.7	22.1	12.1	0	0	0
	9	Stockbridge	Peavine Park-Stockbridge	40.8	98.7	275.5	SAMPLE	26.9	69.7	28.8	32.3	56.9	123.8	31.8	1	1	0
	10	Rochester	Lion's Club Park	41.4	77.1	143.9		39.3	53.7	13.5	42.6	47.6	84.1	31.1	0	0	0
	11	Hancock	Taylor Meadow Rd	98.7	88.4	98.5		47.9	38.8	13.1	23.8	46.9	69.6	34.8	0	0	0
First Branch	12	Royalton	Mouth of First Branch	65.4	1046.2	1299.7		186.0	816.4	48.7	65.7	238.0	1035.4	79.0	3	3	0
	13	Tunbridge	Tunbridge Fairgrounds	52.8	980.4	613.1	UNSAFE	114.5	488.4	43.2	30.5	156.9	664.6	53.1	3	3	0
	14	Tunbridge	Town Pool Tributary	48.7	201.4	613.1	TO	146.7	159.7	60.9	32.7	115.9	270.2	61.4	1	1	0
	15	Chelsea	Chelsea Rec Park	24.1	547.5	387.3	SAMPLE	96.0	290.9	52.0	62.0	124.4	395.1	52.3	3	3	0
Second Branch	16	Royalton	Mouth of Second Branch	88.0	2419.6	1203.3		172.2	2419.6	63.1	43.7	313.0	1917.0	80.4	3	3	0
	17	Randolph	Dugout Road	67.6	1553.1	648.8		93.4	2419.6	81.6	56.3	255.3	1345.9	73.4	3	3	0
	18	Brookfield	Sunset Lake	58.3	38.4	38.9		10.9	114.5	6.3	1.0	18.3	55.5	8.0	0	0	0
Third Branch	19	Bethel	Mouth of Third Branch	81.3	1732.9	461.1	UNSAFE	48.7	410.6	49.5	25.9	149.5	689.7	47.5	3	3	0
	20	Bethel	Stock Farm Road	20.3	517.2	228.2	TO	33.1	307.6	111.9	79.4	111.7	331.1	49.4	2	2	0
	21	Randolph	Randolph Rec Park	108.1	214.3	101.9	SAMPLE	57.1	214.2	49.5	90.9	103.8	167.2	72.6	0	0	0
	22	Braintree	Riford Brook Road	107.6	410.6	178.5		32.7	66.3	66.3	142.1	107.0	169.4	75.9	1	1	0

MPN: Most Probable Number (statistical)

153 total samples 39 38 1
25% 25% 1%

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/hwis/uv?01144000>

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

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

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