

2021 White River Partnership Bacteria Data

		Weather within the past 24 hrs*								GeoMean			# times daily std exceeded								
		5/26/2021	6/9/2021	6/23/2021	7/7/2021	7/21/2021	8/4/2021	8/18/2021	9/1/2021	all	wet	dry	all	wet	dry						
		Sunny	Scattered Rain	Overcast	Overcast	Rain	Sunny	Scattered Rain	Overcast	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli						
		508	390	422	476	6600	938	325	540	MPN	MPN	MPN	MPN	MPN	MPN						
		1540	963	835	616	483	433	393	351	MPN	MPN	MPN	MPN	MPN	MPN						
		0.00	0.25	0.10	0.20	2.26	0.00	0.08	0.01	MPN	MPN	MPN	MPN	MPN	MPN						
		0.00	0.25	1.55	0.27	2.42	0.00	0.08	0.09	MPN	MPN	MPN	MPN	MPN	MPN						
		Dry	Wet	Wet	Dry	Wet	Dry	Dry	Dry	MPN	MPN	MPN	MPN	MPN	MPN						
		E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	MPN	MPN	MPN	MPN	MPN	MPN						
Tributary	Site Number	Town	Site Name	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN						
Lower Main Stem	1	Hartford	Old River Rd	10.9	18.9	488.4	37.9	2419.6	30.9	48.0	28.8	66.8	281.6	28.1	2	2	0				
	2	W. Hartford	West Hartford Bridge	39.9	90.8	517.2	38.3	2419.6	17.3	48.7	77.1	101.5	484.4	39.8	2	2	0				
	3	Sharon	The Sharon Academy	52.9	116.0	307.6	86.0	1986.3	27.5	52.0	86.2	118.8	413.8	56.2	2	2	0				
	4	Royalton	Pinch Rock	26.2	86.0	185.0	31.8	2419.6	20.1	52.0	53.7	80.7	337.7	34.2	1	1	0				
Upper Main Stem	5	Bethel	Peavine Park-Bethel	16.9	48.7	110.6	26.2	488.4	21.3	60.5	48.7	54.1	138.0	30.8	1	1	0				
	6	Barnard	Silver Lake	19.5	27.5	31.1	5.2	111.9	25.6	3.1	5.2	15.9	45.7	8.4	0	0	0				
	7	Stockbridge	Gaysville Bridge	12.1	28.8	93.2	66.3	140.1	21.6	48.8	56.5	45.4	72.2	34.3	0	0	0				
	8	Stockbridge	Mouth of Tweed	1.0	51.2	60.5	17.5	149.7	14.6	16.8	21.1	21.3	77.4	9.8	0	0	0				
	9	Stockbridge	Peavine Park-Stockbridge	28.8	159.7	66.3	120.1	165.8	44.3	69.7	133.3	84.1	120.6	67.7	0	0	0				
	10	Rochester	Lion's Club Park	37.3	77.1	48.7	71.7	125.0	24.9	111.9	98.7	65.7	77.7	59.3	0	0	0				
	11	Hancock	Taylor Meadow Rd	9.6	148.3	52.8	88.4	39.9	16.0	1553.1	85.7	69.8	67.9	71.0	1	0	1				
First Branch	12	Royalton	Mouth of First Branch	52.1	435.2	387.3	178.5	2419.6	135.4	186.0	154.1	248.9	741.6	129.3	3	3	0				
	13	Tunbridge	Tunbridge Fairgrounds	73.3	178.9	214.3	204.6	2419.6	81.6	71.2	88.4	170.5	452.7	94.9	1	1	0				
	14	Tunbridge	Town Pool Tributary	11.0	20.3	86.2	45.0	866.4	52.0	6.3	11.9	36.2	114.9	18.1	1	1	0				
Second Branch	15	Chelsea	Chelsea Rec Park	74.9	172.0	186.0	290.9	686.7	57.3	105.0	53.8	140.9	280.1	93.3	2	1	1				
	16	Royalton	Mouth of Second Branch	74.4	365.4	410.6	146.7	2419.6	111.2	65.0	125.9	208.7	713.4	99.9	3	3	0				
	17	Randolph	Dugout Road	96.0	307.6	648.8	187.2	2419.6	209.8	111.2	150.0	272.5	784.5	144.4	3	3	0				
	18	Brookfield	Sunset Lake	11.0	No data	34.1	8.5	307.6	1.0	6.3	3.1	11.0	102.4	4.5	1	1	0				
Third Branch	19	Bethel	Mouth of Third Branch	67.0	59.1	143.9	95.9	2419.6	45.0	33.6	96.0	108.5	274.0	62.2	1	1	0				
	20	Bethel	Stock Farm Road	57.6	137.6	365.4	129.1	1732.9	56.5	410.6	86.0	183.6	443.3	108.2	3	2	1				
	21	Randolph	Randolph Rec Park	34.5	73.3	62.0	68.9	866.4	21.3	25.9	73.8	66.5	157.9	39.6	1	1	0				
	22	Braintree	Riford Brook Road	54.6	201.4	290.9	101.7	145.0	38.4	214.3	56.3	110.3	204.0	76.2	1	1	0				
										175			29			26			3		
										total samples			17%			15%			2%		
																175					

MPN: Most Probable Number (statistical)

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