

2015 White River Partnership Bacteria Data

	Weather within the past 24 hrs*			6/3/2015	6/17/2015	7/1/2015	7/15/2015	7/29/2015	8/12/2015	8/26/2015	9/9/2015	9/23/2015						
				Scattered rain/ mostly sunny	Rain/ mostly sunny	Rain	Partly Sunny	Mostly Sunny	Rain	Rain	Sun	Mostly sunny						
	West Hartford USGS gauge at 9am (CFS)**			2490	2400	2760	719	556	1020	752	162	181						
	W. Hartford USGS gauge daily mean value (CFS)**			1320	897	844	534	500	503	327	329	527						
	Rain Accumulation (in) in the last 24 hrs at VTC***			0.13	0.21	0.39	0.04	0.00	1.16	1.07	0.00	0.00						
	Rain Accumulation (in) in the last 48 hrs at VTC***			1.83	0.39	0.54	0.04	0.09	1.28	1.15	0.00	0.00						
Conditions (wet or dry)****			wet	wet	wet	dry	dry	wet	wet	dry	dry	GeoMean			# times daily std was exceeded			
			E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	all	wet	dry	all	wet	dry	
Tributary	Site Number	Town	Site Name	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN	MPN				
Lower Main Stem	1	Hartford	Watson Park	261	276	201	141	82	461	1203	12	9	129	381	33	4	4	0
	2	W. Hartford	West Hartford Bridge	108	236	228	131	75	1046	411	11	18	119	301	38	3	3	0
	3	Sharon	The Sharon Academy	129	727	166	104	184	727	2419	59	48	225	487	86	3	3	0
	4	Royalton	Pinch Rock	160	488	147	96	101	488	210	61	37	143	259	68	2	2	0
Upper Main Stem	5	Bethel	Peavine Park-Bethel	40	117	121	64	84	517	86	24	5	64	120	29	1	1	0
	6	Barnard	Silver Lake	18	41	47	16	3	26	10	1	1	9	25	3	0	0	0
	7	Stockbridge	Gaysville Bridge	39	115	78	86	122	613	49	23	5	62	101	33	1	1	0
	8	Stockbridge	Mouth of Tweed	22	39	29	27	34	68	44	62	16	34	37	31	0	0	0
	9	Stockbridge	Peavine Park-Stockbridge	62	116	101	108	139	365	91	24	35	88	119	60	1	1	0
	10	Rochester	Lion's Club Park	126	62	70	96	119	172	68	84	28	82	91	72	0	0	0
First Branch	11	Hancock	Taylor Meadow Rd	20	19	35	82	68	88	15	38	18	34	28	44	0	0	0
	12	Royalton	Mouth of First Branch	228	2419	238	199	225	2419	2419	194	105	446	949	174	4	4	0
	13	Tunbridge	Tunbridge Fairgrounds	125	345	157	144	157	1120	2419	71	58	228	449	98	3	3	0
	14	Tunbridge	Town Pool Tributary	128	770	411	69	70	55	1553	29	4	108	321	28	3	3	0
	15	Chelsea	Chelsea Rec Park	345	261	326	326	145	326	2419	205	30	266	471	130	6	5	1
Second Branch	16	Royalton	Mouth of Second Branch	345	921	276	345	179	2419	866	133	119	383	712	177	6	5	1
	17	Randolph	Dugout Road	461	1986	921	236	138	2419	2419	152	75	496	1376	139	6	5	1
	18	Brookfield	Sunset Lake	59	33	42	79		41	2	6	1	15	23	8	0	0	0
Third Branch	19	Bethel	Mouth of Third Branch	83	411	96	196	56	2419	1046	96	65	202	383	91	3	3	0
	20	Bethel	Stock Farm Road	99	411	112	236	58	2419	2419	167	461	312	484	180	5	3	2
	21	Randolph	Randolph Rec Park	43	54	24	86	26	119	84	86	27	52	56	48	0	0	0
	22	Braintree	Riford Brook Road	25	48	31	70	140	214	50	172	105	74	52	115	0	0	0

exceeds EPA daily standard (235 colonies/100mL sample) **MPN:** Most Probable Number (statistical) **197** **51** **46** **5**  
exceeds EPA seasonal standard (126 colonies/100mL sample) **total samples** **26%** **of 197 total**

\* 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: <http://www.wunderground.com/personal-weather-station/dashboard?ID=MRDFV1#history/tdata/s20140709/e20140709/mdaily>  
\*\*\*\* Wet - More than .1 inches in the last 24 hrs or more than .25 inches in the last 48