

**White River Partnership
2010 White River *E. coli* Data**

			June 2	June 16	June 30	July 14	July 28	Aug 11	Aug 25	Sept 8	Sept 29	Geometric
Weather:			showers	sunny	sunny	rain	sunny	showers	sunny	cloudy	showers	Mean
Tributary	Town	Site Name	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	E-coli	
Main Stem	Hartford	Watson Park	35.9	35.0	218.7	139.1	22.6	689.3	45.9	42.8	178.5	84.0
	Hartford	West Hartford Bridge	77.1	39.3	218.7	107.6	27.5	791.5	no data	25.6	238.2	99.3
	Pomfret	Mill Brook	10.8	3.1	114.5	1553.1	39.3	118.7	2.0	6.3	25.6	27.5
	Sharon	White Brook	79.8	137.6	186.0	727.0	517.2	1119.9	201.4	18.3	172.3	201.5
	Royalton	VLS Parking Lot	115.3	51.2	191.8	1046.2	39.9	920.8	32.8	20.1	178.5	119.9
	Bethel	Bethel - below Tx	79.4	62.7	157.6	547.5	67.6	689.3	52.8	178.2	142.1	144.1
	Bethel	Bethel Bridge - above Tx	64.5	32.8	72.3	686.7	30.1	328.2	25.3	93.3	88.2	84.3
	Bethel	Mouth of Locust Creek	19.9	14.6	73.8	613.1	21.4	114.5	22.1	14.5	9.8	36.0
	Barnard	Silver Lake	no data	9.7	8.6	66.3	<1	28.8	3.1	5.2	no data	8.2
	Stockbridge	Gaysville Bridge	95.9	40.8	68.3	866.4	33.1	313.0	47.4	35	74.8	87.4
	Stockbridge	Tweed River @ South Hill Rd	22.8	26.5	36.9	461.1	24.3	104.3	15.8	101.4	14.5	43.9
	Rochester	Lion's Club Park	66.3	26.9	25.9	387.3	22.4	81.3	35.5	126.7	38.8	56.3
	Hancock	Hancock Branch	80.5	11.0	22.3	155.3	32.7	142.1	36.8	187.2	83.6	58.7
	1st Branch	Tunbridge	Cilley Bridge	75.4	517.2	193.5	816.4	45.7	1986.3	62.7	101.0	108.6
Chelsea		Chelsea Rec Park	82.3	410.6	231.0	816.4	410.6	387.3	35.0	65.7	59.1	172.9
2nd Branch	Randolph	Dugout Road	90.6	95.9	435.2	1986.3	166.4	920.8	77.6	86.5	218.7	228.4
	Brookfield	East Hill Road	98.8	203.5	222.4	980.4	137.4	328.2	98.7	107.1	59.1	170.8
3rd Branch	Bethel	Stock Farm Road	113.7	64.4	209.8	no data	325.5	1732.9	65.7	152.9	88.0	172.0
	Randolph	Golf Course Bridge	121.1	51.2	186.0	44.8	113.7	1299.7	74.3	69.7	93.3	115.6
	Randolph	Ayer's Brook	101.9	no data	488.4	1413.6	201.4	>2419.6	201.4	61.7	160.7	301.6
	Randolph	Adam's Brook below I-89	10.9	15.2	53.8	198.9	44.8	99.0	25.3	11.0	14.8	31.7
	Braintree	Thresher Road	23.0	25.9	20.1	151.5	272.3	12.1	8.6	40.2	18.5	32.3

Single samples exceeding 235 colonies/100 mL mean that 8 in 1,000 people swimming in that water may have an increased chance of getting sick.

The geometric mean is an average of all samples taken in a given year that evens out the impact of large variations in the data.

- > EPA single-sample standard = 235 colonies/100mL sample
- > EPA geometric mean standard = 126 colonies/100 mL sample