

2016 White River Partnership Bacteria Data

| | Weather within the past 24 hrs* | | | 6/1/2016 | 6/15/2016 | 6/29/2016 | 7/13/2016 | 7/27/2016 | 8/10/2016 | 8/24/2016 | 9/7/2016 | 9/21/2016 | GeoMean | | | # times daily std was exceeded | | | | | |
|-----------------------------|---------------------------------|-------------|--------------------------|---|-------------|------------------------------|-------------|-------------|----------------|-------------|-------------|-------------|---------|--------|-------|--------------------------------|-----|---|------|------|------|
| | | | | Sunny-clear | Sunny-clear | Scattered rain/ mostly sunny | Sunny-clear | Sunny-clear | Scattered rain | Sunny-clear | Sunny-clear | Sunny-clear | | | | | | | | | |
| | | | | West Hartford USGS gauge at 9am (CFS)** | | | 545 | 556 | 866 | 456 | 193 | 127 | | | | | | | 271 | 125 | 190 |
| | | | | W. Hartford USGS gauge daily mean value (CFS)** | | | 1300 | 968 | 788 | 592 | 440 | 561 | | | | | | | 370 | 334 | 517 |
| | | | | Rain Accumulation (in) max in the last 24 hrs-NWS COOP*** | | | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.17 | | | | | | | 0.00 | 0.00 | 0.00 |
| | | | | Rain Accumulation (in) max in the last 48 hrs-NWS COOP*** | | | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.17 | | | | | | | 0.00 | 0.00 | 0.10 |
| Conditions (wet or dry)**** | | | dry | dry | wet | dry | dry | wet | dry | dry | dry | all | wet | dry | all | wet | dry | | | | |
| | | | 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 | | | | | | | | | |
| Lower Main Stem | 1 | Hartford | Watson Park | 42.2 | 325.5 | 70.3 | 15.5 | 23.1 | 29.5 | 30.5 | 3.0 | 42.8 | 32.5 | 45.5 | 29.5 | 1 | 0 | 1 | | | |
| | 2 | W. Hartford | West Hartford Bridge | 33.6 | 46.5 | 290.9 | 29.2 | 14.8 | 18.7 | 27.2 | 25.9 | 21.3 | 33.6 | 73.8 | 26.9 | 1 | 1 | 0 | | | |
| | 3 | Sharon | The Sharon Academy | 71.4 | 44.1 | 1553.1 | 52.0 | 35.0 | 193.5 | 88.6 | 16.8 | 71.7 | 82.8 | 548.2 | 48.3 | 1 | 1 | 0 | | | |
| | 4 | Royalton | Pinch Rock | 62.9 | 38.4 | 1732.9 | 68.3 | 52.8 | 37.9 | 68.3 | 61.3 | 179.3 | 91.0 | 256.3 | 67.7 | 1 | 1 | 0 | | | |
| Upper Main Stem | 5 | Bethel | Peavine Park-Bethel | 46.4 | 16.1 | 1986.3 | 62.0 | 35.0 | 114.5 | 12.1 | 16.0 | 39.9 | 52.1 | 476.9 | 27.7 | 1 | 1 | 0 | | | |
| | 6 | Barnard | Silver Lake | 12.1 | 90.8 | NA | 21.6 | 1.0 | NA | 14.3 | 13.4 | NA | 12.9 | NA | 12.9 | 0 | 0 | 0 | | | |
| | 7 | Stockbridge | Gaysville Bridge | 2419.6 | 26.6 | 1119.9 | 38.4 | 18.5 | 12.1 | 21.3 | 9.7 | 13.5 | 49.3 | 116.4 | 38.6 | 2 | 1 | 1 | | | |
| | 8 | Stockbridge | Mouth of Tweed | 8.6 | 22.8 | 248.1 | 20.1 | 186.0 | 307.6 | 22.8 | 15.6 | 11.0 | 39.2 | 276.3 | 22.4 | 2 | 2 | 0 | | | |
| | 9 | Stockbridge | Peavine Park-Stockbridge | 122.3 | 58.3 | 1299.7 | 110.6 | 53.7 | 39.7 | 88.2 | 35.0 | 45.7 | 87.7 | 227.2 | 66.9 | 1 | 1 | 0 | | | |
| | 10 | Rochester | Lion's Club Park | 52.9 | 43.7 | 980.4 | 74.4 | 88.0 | 344.8 | 45.5 | 150.0 | 178.5 | 122.5 | 581.4 | 78.5 | 2 | 2 | 0 | | | |
| First Branch | 11 | Hancock | Taylor Meadow Rd | 49.6 | 42.8 | 816.4 | 35.9 | 23.3 | 137.4 | 79.4 | 14.5 | 24.6 | 56.3 | 334.9 | 33.8 | 1 | 1 | 0 | | | |
| | 12 | Royalton | Mouth of First Branch | 67.0 | 145.5 | 2419.6 | 166.4 | 224.7 | 770.1 | 275.5 | 117.8 | 83.6 | 230.6 | 1365.0 | 138.7 | 3 | 2 | 1 | | | |
| | 13 | Tunbridge | Tunbridge Fairgrounds | 63.1 | 122.3 | 2419.6 | 435.2 | 547.5 | 1119.9 | 103.6 | 129.6 | 137.6 | 275.7 | 1646.1 | 165.5 | 4 | 2 | 2 | | | |
| | 14 | Tunbridge | Town Pool Tributary | 24.9 | 55.6 | 613.1 | 16.0 | 46.4 | 178.2 | 20.3 | 3.0 | 3.1 | 30.2 | 330.5 | 15.3 | 1 | 1 | 0 | | | |
| Second Branch | 15 | Chelsea | Chelsea Rec Park | 36.9 | 63.1 | 816.4 | 142.1 | 162.4 | 172.3 | 65.0 | 72.7 | 83.9 | 113.0 | 375.1 | 80.2 | 1 | 1 | 0 | | | |
| | 16 | Royalton | Mouth of Second Branch | 313.0 | 156.5 | 2419.6 | 547.5 | 122.3 | 1046.2 | 105.0 | 62.4 | 201.4 | 281.1 | 1591.1 | 171.3 | 4 | 2 | 2 | | | |
| | 17 | Randolph | Dugout Road | 143.9 | 261.3 | 1732.9 | 435.2 | 206.4 | 517.2 | 165.8 | 150.0 | 260.3 | 299.9 | 946.7 | 215.9 | 5 | 2 | 3 | | | |
| Third Branch | 18 | Brookfield | Sunset Lake | 1.0 | 8.6 | 78.0 | 10.7 | 8.6 | 20.1 | 7.4 | 1.0 | 3.1 | 6.7 | 39.6 | 4.1 | 0 | 0 | 0 | | | |
| | 19 | Bethel | Mouth of Third Branch | 42.2 | 60.2 | 866.4 | 63.8 | 35.4 | 488.4 | 104.3 | 39.3 | 81.6 | 97.7 | 650.5 | 56.8 | 2 | 2 | 0 | | | |
| | 20 | Bethel | Stock Farm Road | 74.9 | 95.8 | 920.8 | 139.6 | 155.3 | 461.1 | 101.4 | 290.9 | 201.4 | 194.2 | 651.6 | 137.4 | 3 | 2 | 1 | | | |
| | 21 | Randolph | Randolph Rec Park | 228.2 | 31.8 | 1732.9 | 88.6 | 93.3 | 201.4 | 33.5 | 27.5 | 30.5 | 94.3 | 590.8 | 55.8 | 1 | 1 | 0 | | | |
| | 22 | Braintree | Riford Brook Road | 172.3 | 172.2 | 2419.6 | 206.4 | 1732.9 | 613.1 | 46.4 | 461.1 | 127.4 | 327.1 | 1218.0 | 224.7 | 4 | 2 | 2 | | | |

exceeds EPA daily standard (235 colonies/100mL sample) MPN: Most Probable Number (statistical) 195 41 28 13
exceeds EPA seasonal standard (126 colonies/100mL sample) total samples 21%

* 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.weather.gov/btv/spotterReports?report=20160629>
**** Wet - More than .1 inches in the last 24 hrs or more than .25 inches in the last 48