Why are different values displayed for the same data points?

If you look at a specific point on a graph showing 10 minutes of data, then look at the exact same data point on a graph showing 24 hours of data, you may see a different value. For example, the first graph below shows machine processor time as 77% at 3:05:44PM, but the second graph displaying a longer time range displays the value as 67.5% for the same data point:



The difference is because some of the values for the longer time period have been aggregated, while others haven't been included. The specific data point you're interested in now contains a summary of other points in close proximity. This form of data sampling makes sure that whatever the time range displayed, peaks and troughs are maintained on the graph relative to each other, so you don't miss anything important. If you're interested in seeing the most accurate values for a specific data point, use data points from a shorter time range.