

Report to Residents

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Note: This is Mock Up Report

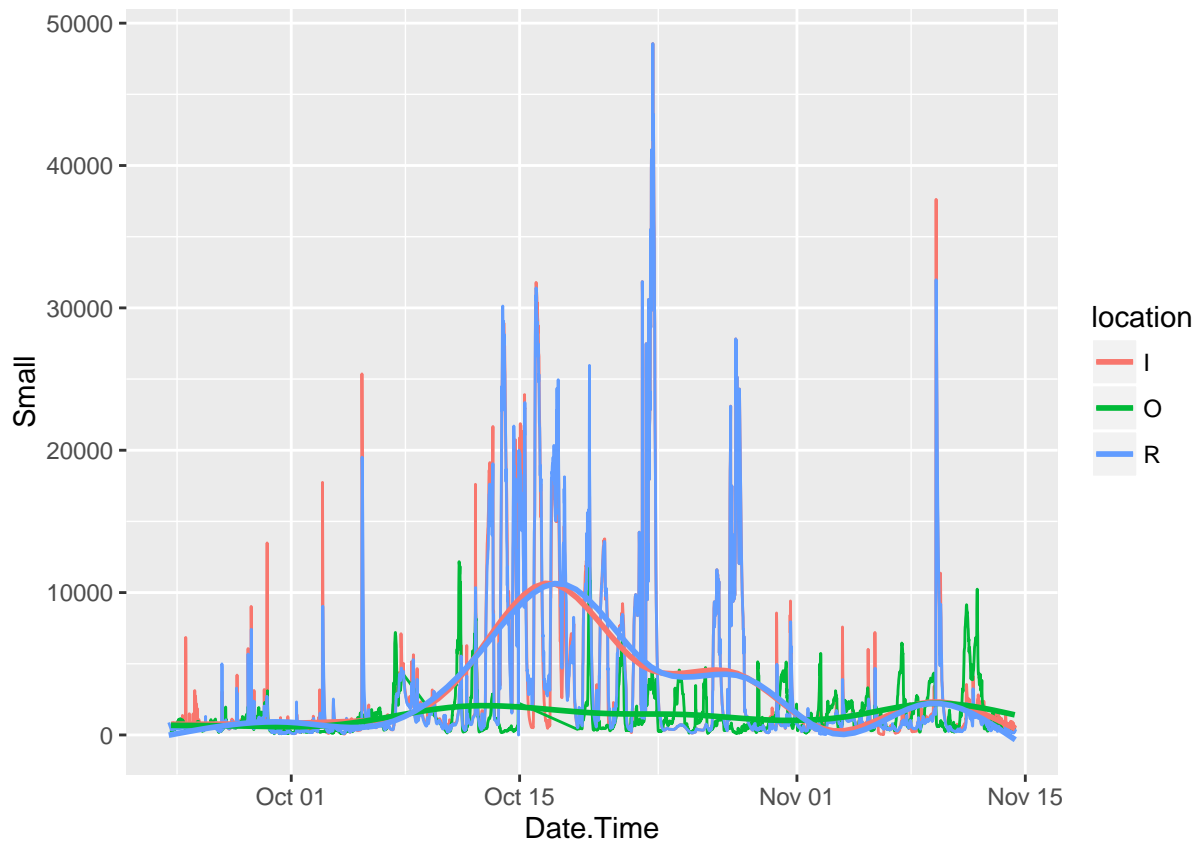
The language used is the same for all reports and while the intention is to reflect general patterns expected to be common to most homes, in some cases the descriptions do not agree with what monitoring data show for a particular home.

Your Small Particulate Data

This plot below illustrates all the data collected from your home.

Small particulate levels (count per 1/100 cubic foot) have been averaged for 15 minute intervals and are plotted versus time. The line colors correspond to the locations reported for the metering devices (GREEN = "Outside", RED = "Indoor", BLUE = "Rover") and smoothing lines have been added to help reveal overall trends.

Notice that indoor particles often correlate with outdoor particles. In other words, you will notice spikes in outdoor particulate levels that correspond, roughly, with spikes of indoor levels. With some homes this relationship will be very noticable, with others it is barely noticable. Factors such as opening and closing of windows, can change the degree of correlation with outdoor particles from one time period to another.



[1] "Code: k.2"

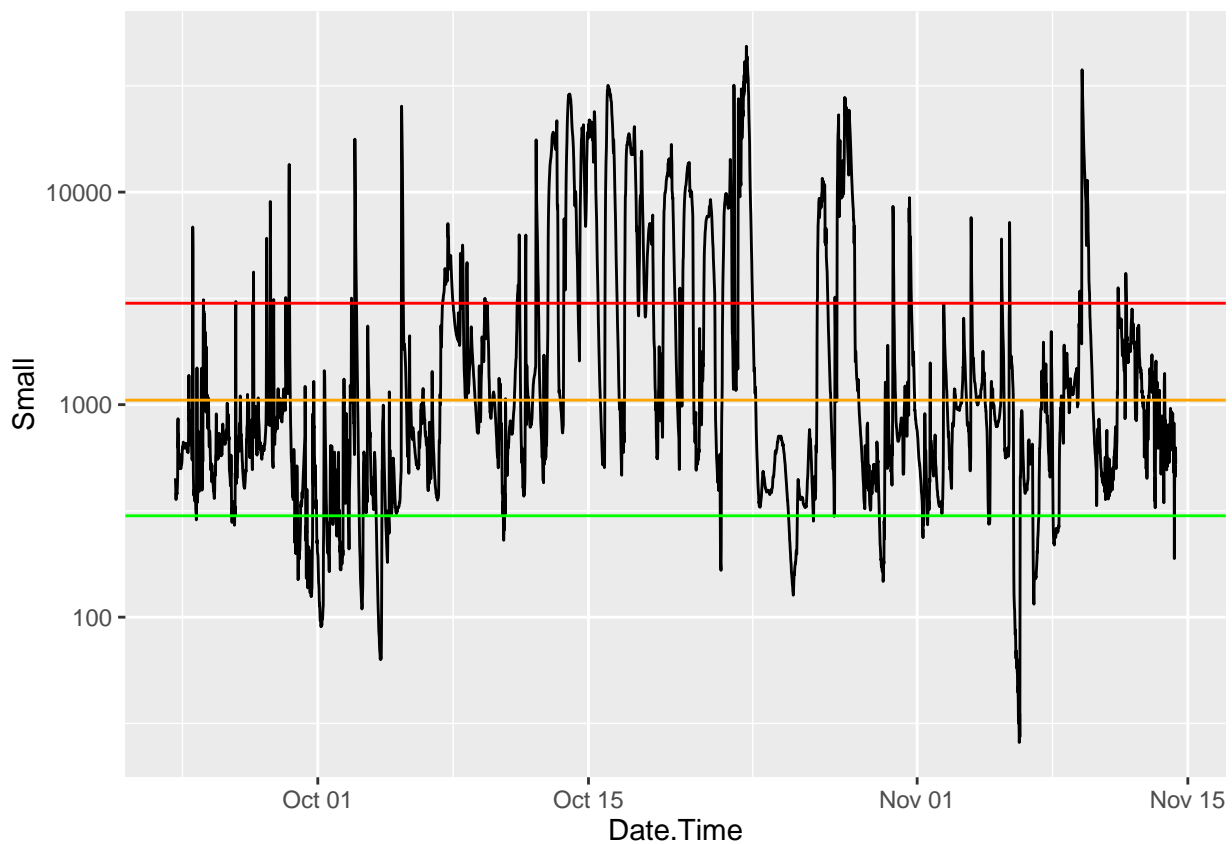
Your Indoor particles

This plot shows a more detailed perspective on just your indoor particles. Note that the data in this case are plotted next to a log transformed axis to make it easier to inspect details within the very large range of values typically seen within a home.

Color coded reference lines have been plotted to illustrate thresholds provided by Dylos (the manufacturer of the metering equipment) to help interpret your data.

How to interpret the reference lines...

- Below GREEN = “good AQ”
- Btwn GREEN and ORANGE = “fair AQ”
- Btwn ORANGE and RED = “poor AQ”
- Above RED = “very poor AQ”



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Your Daily Habits and Your Particle Levels

While some of your indoor particles are influenced by conditions outside of your home, your indoor particles are also heavily impacted by systems and your activities within the home. Because most peoples' activities within the home, such as when they are active, cooking, vacuuming, etc. follow a regular schedule, it can be helpful to see your data summarized by time of day and type of day.

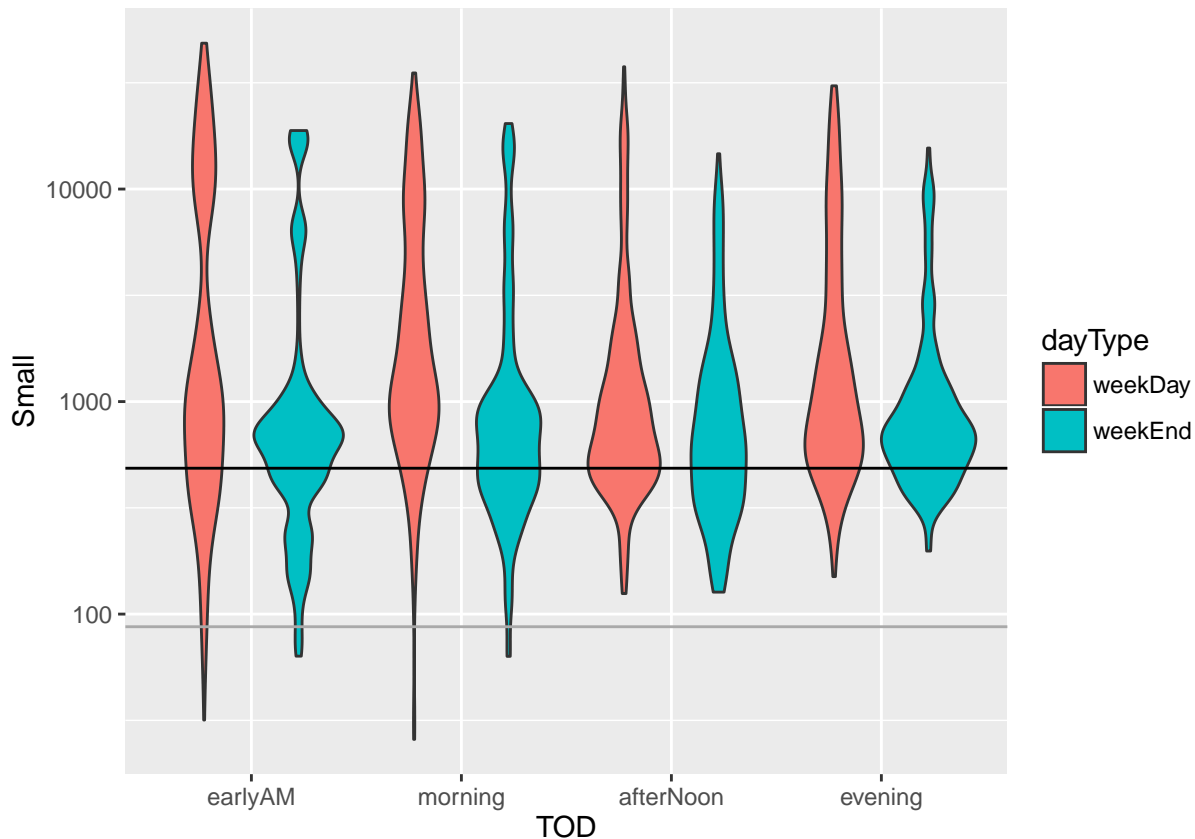
The following plot summarizes the distributions of your particulate levels in this way. The area of each shape is the same and represents 100% of the observations for a given time-of-day AND dayType combination. The time-of-day periods shown at the bottom of the plot, represent the following:

- earlyAM = midnight - 6 a.m.
- morning = 6 a.m. - noon
- afterNoon = noon - 6 p.m.
- evening = 6 p.m. - midnight

The left-most blue shape represents your particulate levels EARLY MORNING on WEEKENDS.

The horizontal reference lines indicate the performance of other homes in the ROCIS study that you can use to compare the performance of your own home.

- BLACK LINE = median particulate level of all of the homes in the ROCIS program
- GRAY LINE = typical particulate level of the best performing home in the ROCIS program



[1] "Code: k.2"