

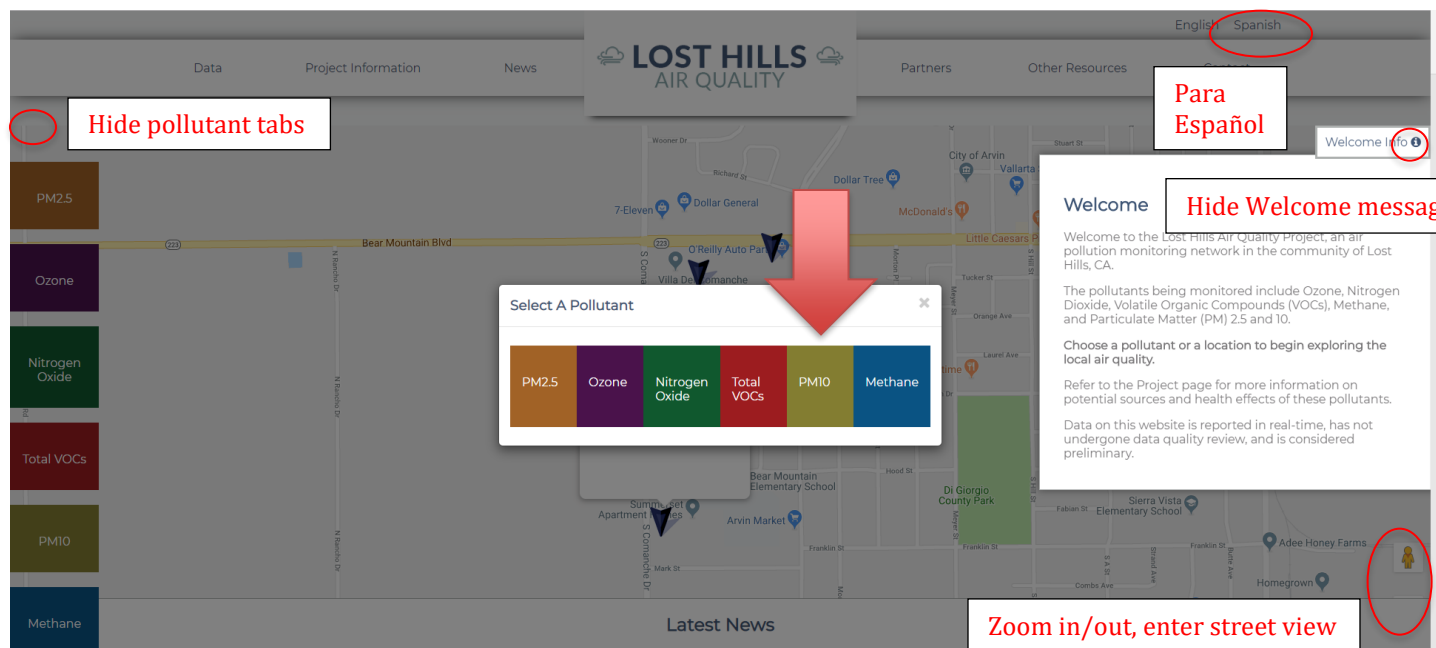
# LostHillsAirQuality.com – User Guide



The purpose of [losthillsair.com](http://losthillsair.com) is to provide the community of Lost Hills with easily accessible, real-time information on local air quality measurements. As part of the Lost Hills Air Quality Project, there are 7 monitors currently located around Lost Hills that continuously measure levels of Nitrogen Dioxide (NO<sub>2</sub>), Ozone (O<sub>3</sub>), Particulate Matter that is less than 10 micrometers and 2.5 micrometers (PM<sub>10</sub> and PM<sub>2.5</sub>), Methane (CH<sub>4</sub>), and total Volatile Organic Compounds (VOCs). This guide was developed to help users understand and navigate the website.

## HOME PAGE

The home page shows a map of the Lost Hills project area, with arrows marking the location of each active air quality monitor. Along the left side of the page is a list of the pollutants being monitored. The latest air quality stories and news will be available at the bottom of the page, below the map.



**To get started, you can select a pollutant by clicking one in the pop up window in the center of the page.**

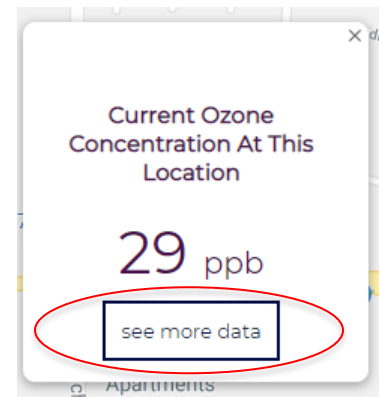
### Selecting a Location

Once a pollutant has been selected, a map of the project area denoting each monitoring station will appear. Select one and you will see the current concentration of that pollutant at that site.

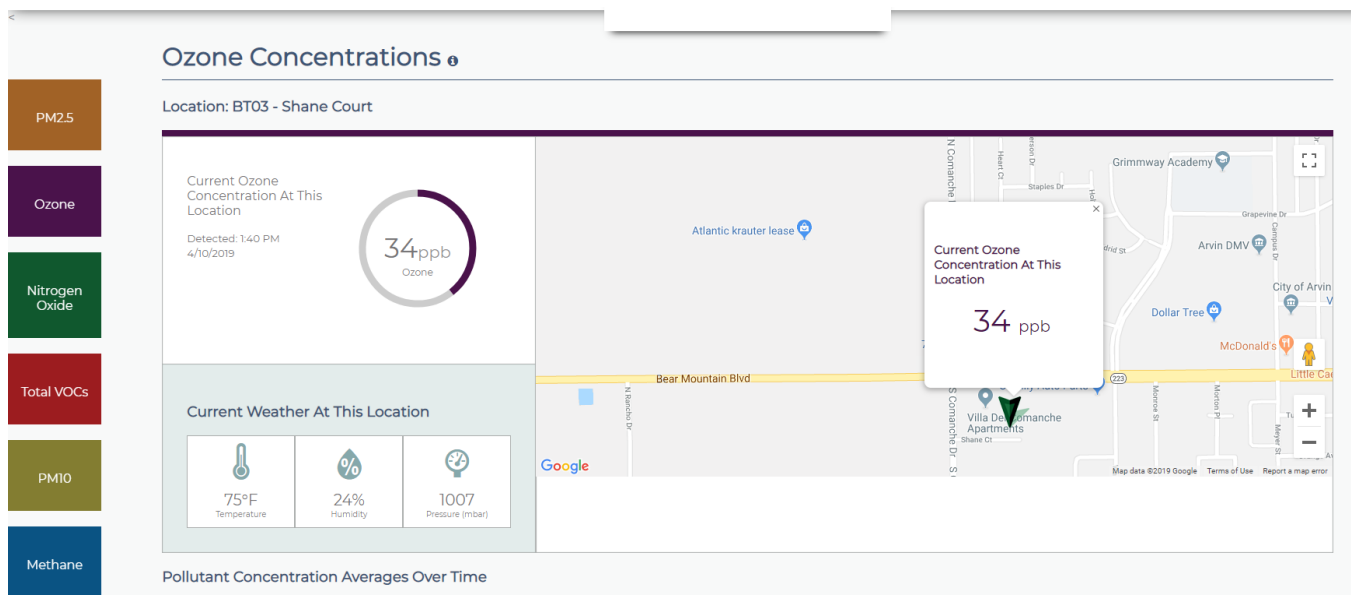
## Selecting a Pollutant

After selecting a pollutant, select a location to see the current concentration data. You can switch between locations by selecting different arrows on the map.

For every pollutant and location, you can select the “see more data” option, which will take you to the Data Page.



## DATA PAGE

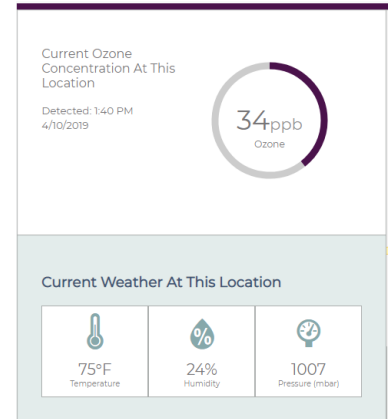


The Data Page is where past pollutant levels and statistics are found. To find this page, click on “see more data” when viewing the current concentration on the Welcome Page or select Data at the top of the website. On this page, you can navigate between pollutants and monitoring sites by selecting a different pollutant (on the left side of the page) or different location (on the map).



## Current Information

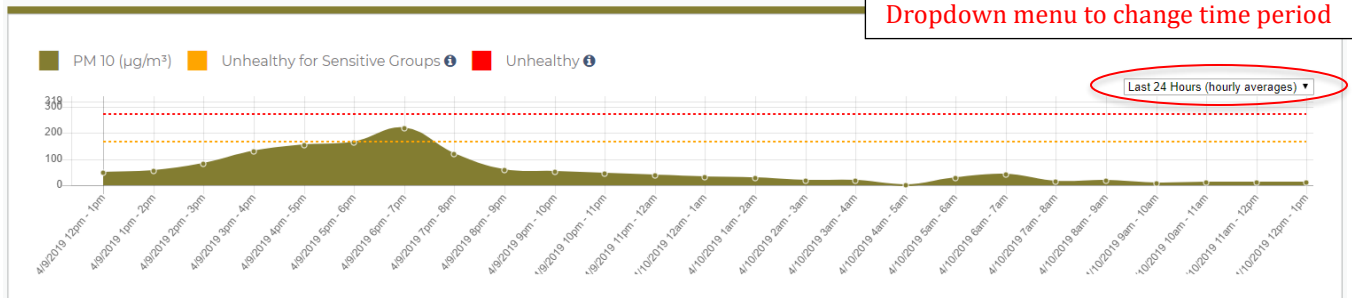
The top of the Data Page shows the current concentration of a selected pollutant and the current weather conditions (temperature, humidity, barometric pressure) at the selected site. The circular dial figure for pollutant concentration is set to be completely full at the EPA’s “Unhealthy” concentration level for that pollutant.



## Using the Graph

Lower on the data page is a graph of pollutant concentrations over time. There is a drop-down menu on the graph to change the time period over which the concentration is graphed. The dotted orange line shows the concentration level considered “Unhealthy for Sensitive Groups” and the dotted red line shows the concentration level considered “Unhealthy”. The US EPA determines these levels as part of the air quality regulations under the Clean Air Act.

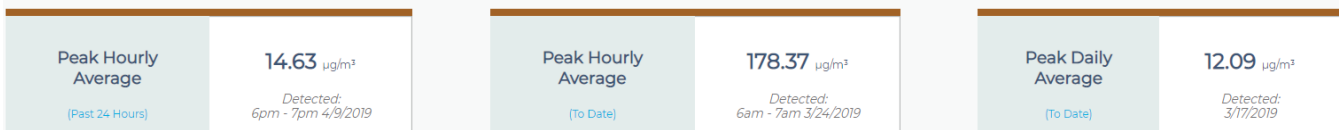
Pollutant Concentration Averages Over Time



## Past Information and Concentration Peaks

At the bottom of the Data page there is information regarding past concentrations of pollutants at the selected site. The peak hourly average over the past 24 hours, peak hourly average to date, and peak daily average to date are calculated and shown in boxes.

Pollutant Concentrations



## PROJECT PAGE

This page provides an overview of the purpose and goals of the Lost Hills Air Quality Project. It also provides some background information on the different air pollutants that are being monitored in this project (PM2.5, PM10, NO<sub>2</sub>, O<sub>3</sub>, CH<sub>4</sub> and total VOCs).

## NEWS PAGE

The News Page is a source for articles relating to air quality issues in the Central Valley. This page also serves as a location for reports and findings from the Lost Hills Air Quality Project and responses to Frequently Asked Questions. Any questions can be submitted through the Contact Page.

## PARTNERS PAGE

The Lost Hills Air Quality Project is a collaborative effort and the Partners Page describes each of the groups that are contributing to this project. It outlines the missions and backgrounds of the groups involved including Blue Tomorrow, Central California Environmental Justice Network (CCEJN), Clean Water Fund (CWF), Lost Hills en accion, and the California Air Resources Board (CARB).



## RESOURCES PAGE



In addition to the Lost Hills Air Quality Project, there are several other air quality monitoring projects in Kern County. The Resources Page provides background information about these efforts and website links to learn more about them.

## CONTACT PAGE

This is where you can submit any questions, comments, or concerns about the project, website, or anything else related to air quality in Lost Hills. To submit a question, fill out all the information in the text boxes, and then click “send email”. Make sure to specify which company you wish to send your feedback to in the “company” section. Answers to frequently asked questions will be posted on the News Page.