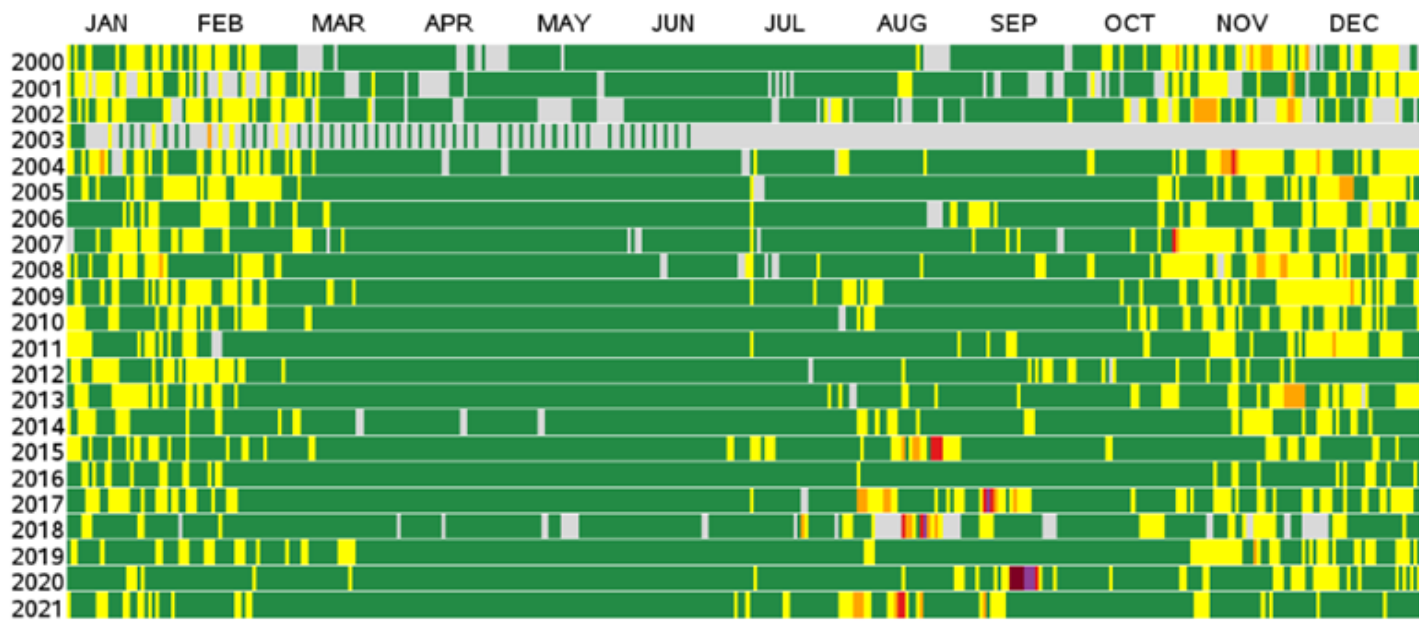


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## My NASA Data - Mini Lesson/Activity

### Multiyear Time Plots for Air Quality Data



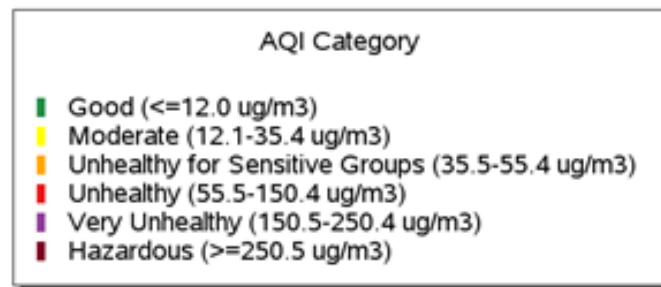
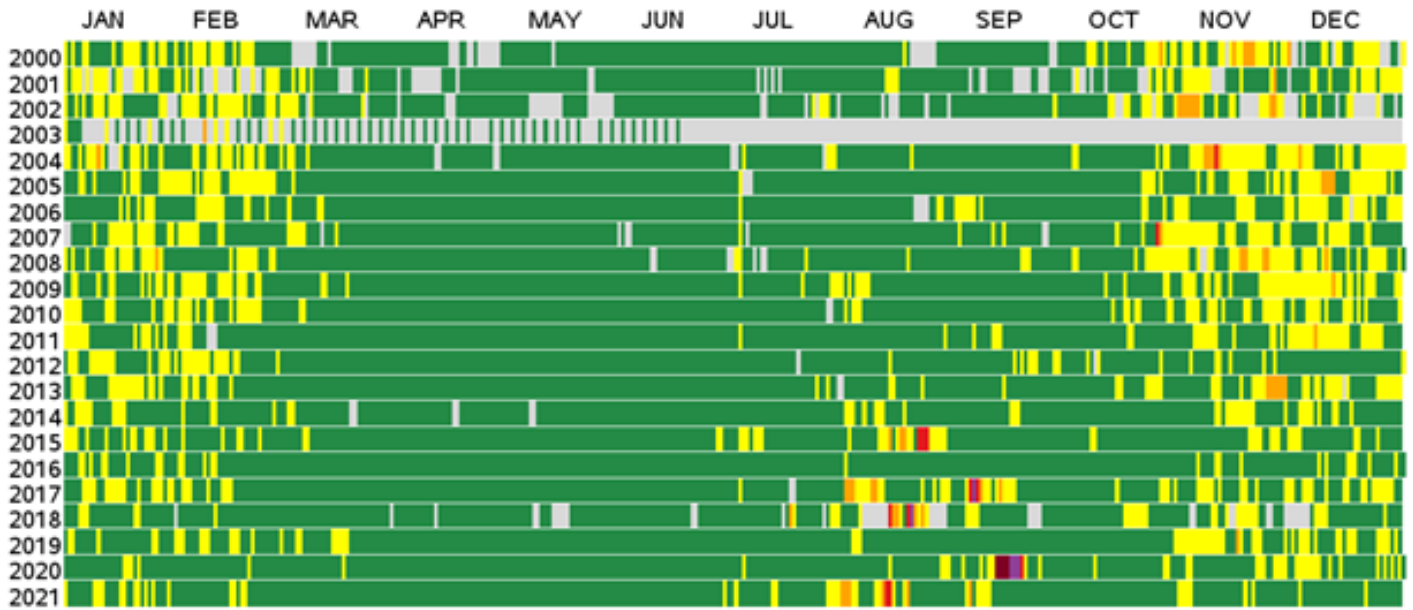
### Student Directions

The time plot below shows PM 2.5 data for Umatilla County in Eastern Oregon from 2000-2021 from the United States Environmental Protection Agency (EPA). The second time plot shows PM 2.5 data for Buffalo, New York and has a very different pattern from the first tile plot.

Identify data or patterns that you think are important to understanding the air quality for both areas. Make a claim supported by evidence and your reasoning for this collection of data for each plot.

# PM2.5 Daily AQI Values, 2000 to 2021

## Umatilla County, OR



Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>  
Generated: July 25, 2022

[PM 2.5 data for Umatilla County in Eastern Oregon 2000-2021. Source: US EPA AirData](#)



