

## Air Monitoring Report for May 2018

### Air Monitoring Data Summary:

The purpose of this status report is to summarize the ambient air quality data available for the period of February and March 2018.

- There were no Federal Equivalent Method (FEM) PM<sub>10</sub> exceedances of State or Federal Ambient Air Quality Standard recorded during the period.
- Because of delays at the Bay Area AQMD laboratory, Federal Reference Method (FRM) PM<sub>2.5</sub> data has not been reported since September of 2017. The current report is for the period October 2017 through March 2018. There were no exceedances of State and Federal Ambient Air Quality Standard recorded during the period.
- There were no non-FEM PM<sub>2.5</sub> 24 Hour exceedances of the State and Federal Ambient Air Quality Standard recorded during the period in Weaverville. There were no FEM PM<sub>2.5</sub> 24-hour exceedances of the State and Federal Ambient Air Quality Standards recorded in Eureka or Crescent City during the period.
- There were no O<sub>3</sub>, SO<sub>2</sub>, NO<sub>2</sub>, or CO exceedances of the State or Federal Ambient Air Quality Standard recorded during the period.

### Particulate Levels in Relation to CA Ambient Air Quality Standards

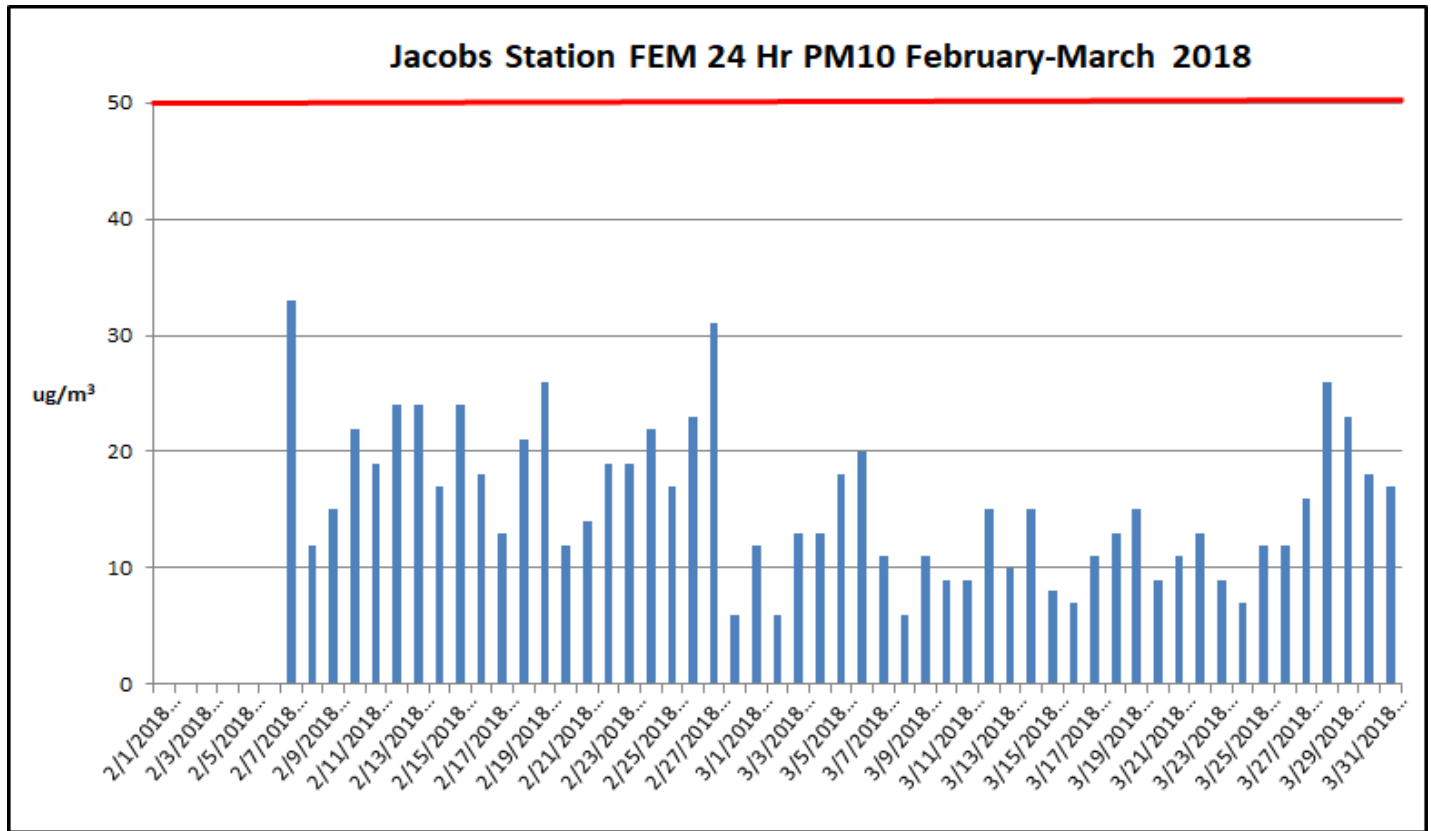
	Jacobs	Humboldt Hill	Crescent City	Weaverville
<b>Max FEM 24-hour PM<sub>10</sub> (February-March 2018)</b>	66%	NA	NA	NA
<b>FEM PM<sub>10</sub> Rolling Arithmetic Mean (April 2017 -March 2018)</b>	94%	NA	NA	NA
<b>Max FRM 24-hour PM<sub>2.5</sub> October 2017-March 2018</b>	87%	84%	NA	NA
<b>FRM PM<sub>2.5</sub> Rolling Arithmetic Mean (Apr 2017 – March 2018)</b>	68%	44%	NA	NA
<b>Max FEM 24-hour PM<sub>2.5</sub> (February-March 2018)</b>	NA	NA	50%	69%*
<b>FEM PM<sub>2.5</sub> Rolling Arithmetic Mean (April 2017-March 2018)</b>	NA	59%	55%	141%*#

-Data unavailable

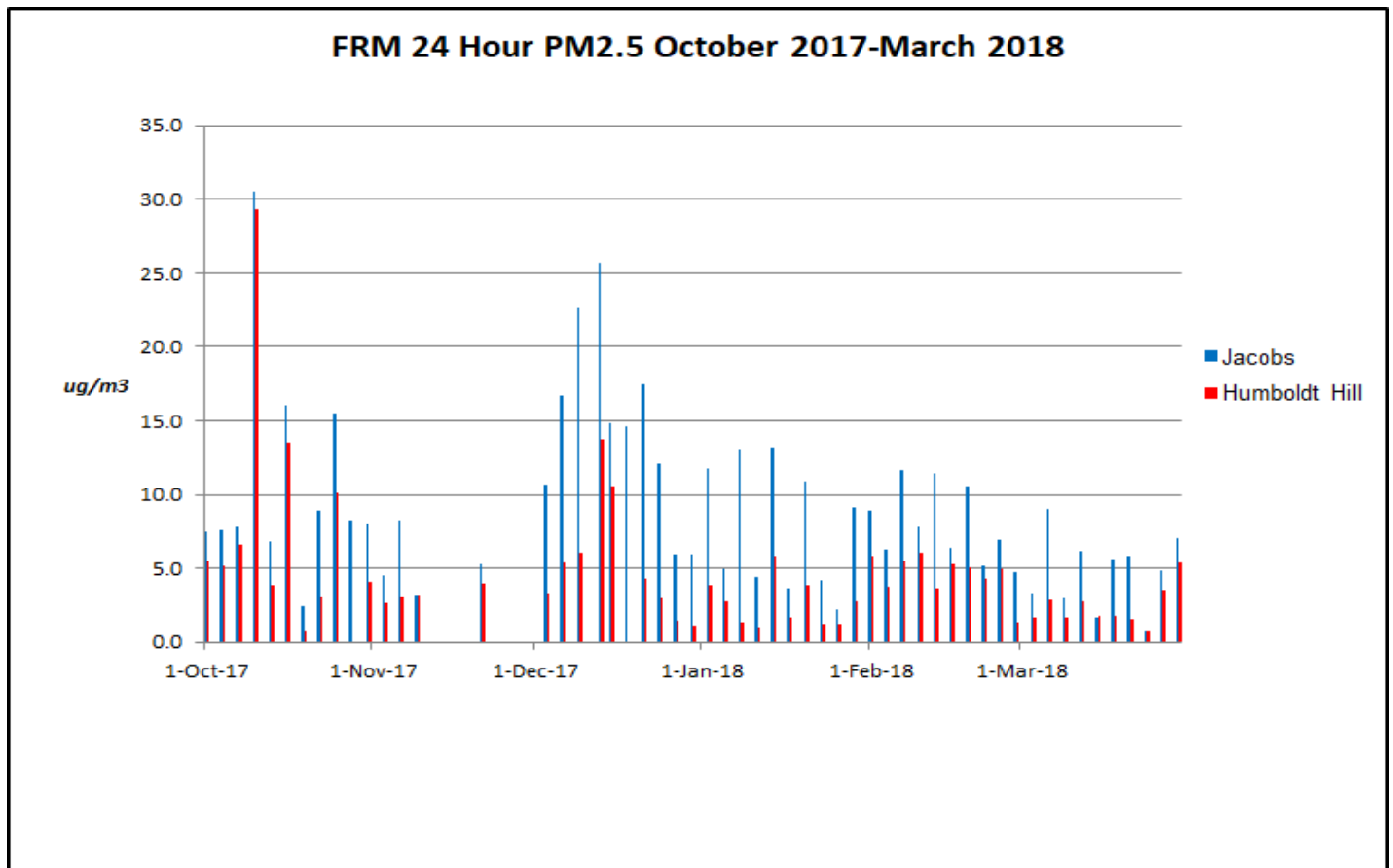
\* Instrument not used for Federal Attainment Designation

# Wildfire Smoke Impacts (Exceptional Event Exclusion)

Detailed Graphs:

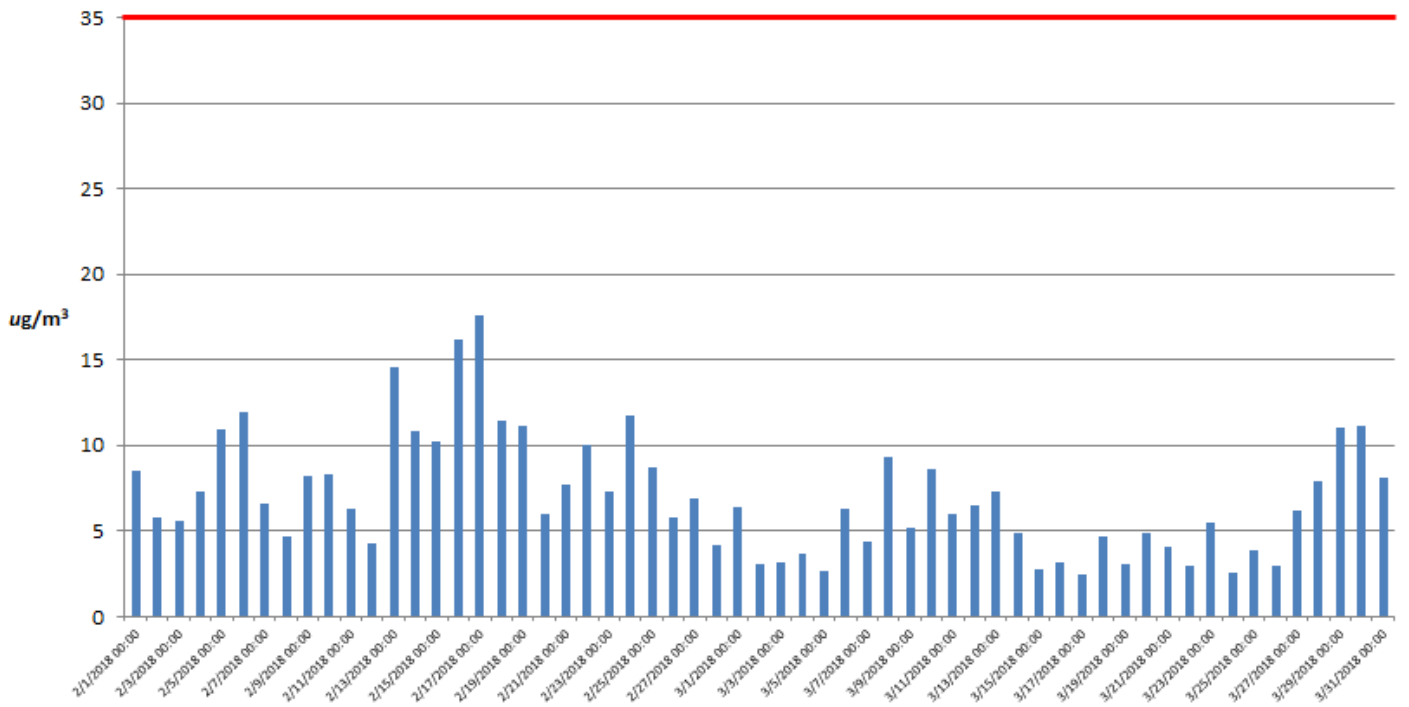


- 24 Hour California AAQS is 50  $\mu\text{g}/\text{m}^3$ , Federal AAQS is 150  $\mu\text{g}/\text{m}^3$ .
- California Annual Arithmetic Mean AAQS is 20  $\mu\text{g}/\text{m}^3$ .
- Humboldt County is classified as non-attainment for this pollutant.



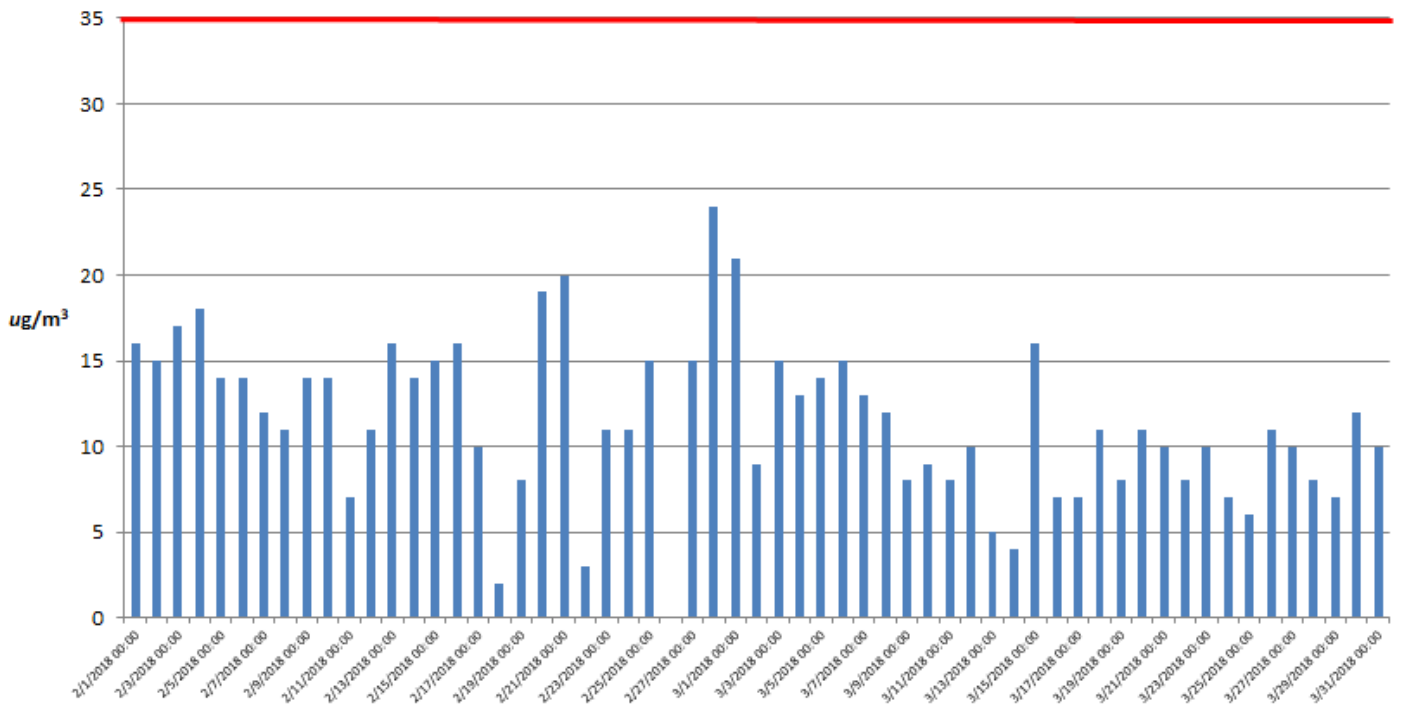
- Federal AAQS is 35  $\mu\text{g}/\text{m}^3$ . There is no separate state standard.

### Crescent City Station FEM 24 Hr PM2.5 February-March 2018



- Federal AAQS is 35 ug/m3. There is no separate state standard.

### Weaverville Station Non-FEM 24 Hr PM2.5 February-March 2018



- Federal AAQS is 35 ug/m3. There is no separate state standard.