

Air Monitoring Report for September 2018

Air Monitoring Data Summary:

The purpose of this status report is to summarize the ambient air quality data available for the period of April-June 2018.

- There were no Federal Equivalent Method (FEM) PM₁₀ exceedances of State or Federal Ambient Air Quality Standard recorded during the period.
- There were no exceedances of State and Federal Ambient Air Quality Standard recorded during the period.
- There were no non-FEM PM_{2.5} 24 Hour exceedances of the State and Federal Ambient Air Quality Standard recorded during the period in Weaverville. There were no FEM PM_{2.5} 24-hour exceedances of the State and Federal Ambient Air Quality Standards recorded in Eureka or Crescent City during the period.
- There were no O₃, SO₂, NO₂, 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

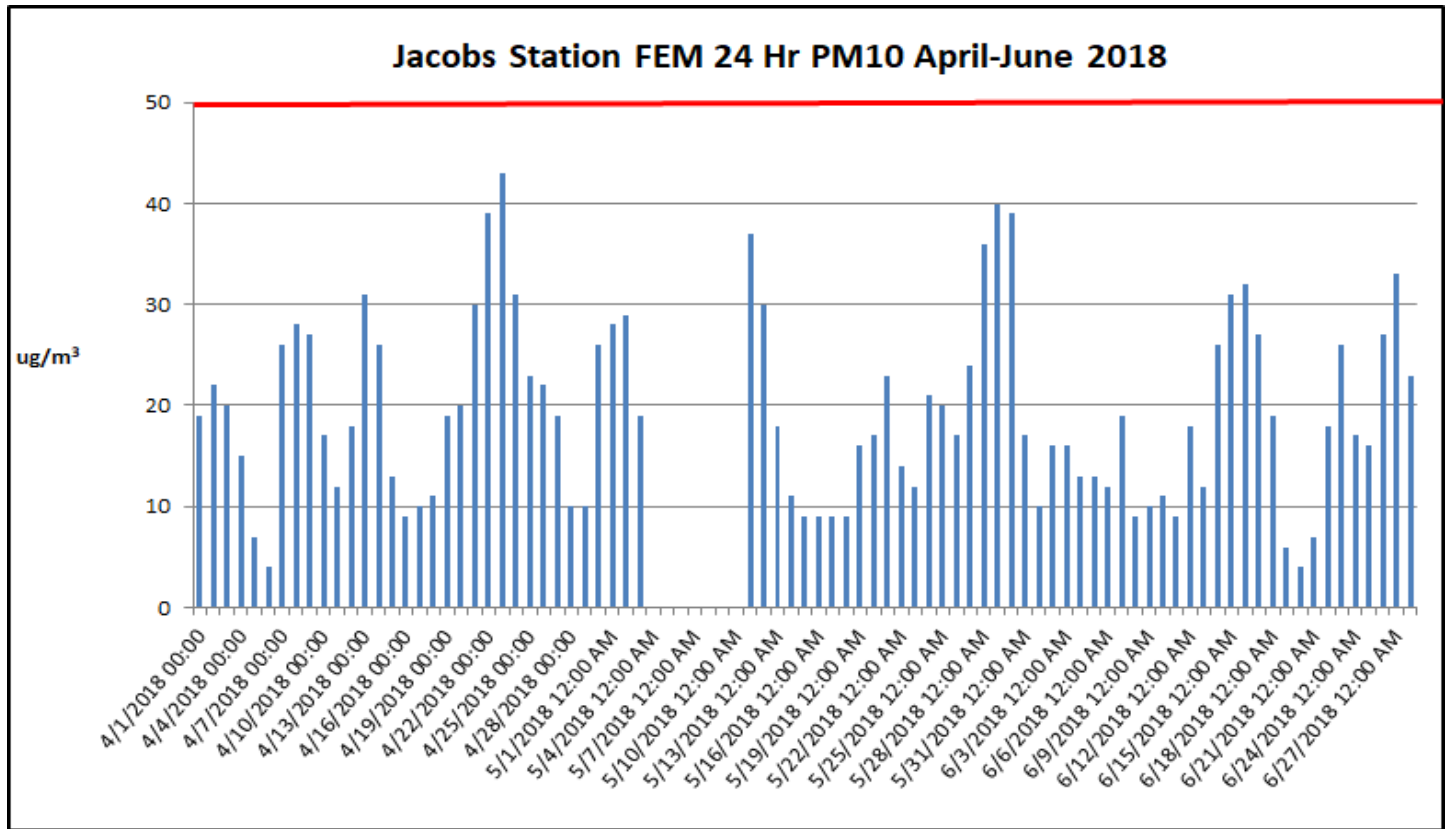
	Jacobs	Humboldt Hill	Crescent City	Weaverville
Max FEM 24-hour PM₁₀ (April-June 2018)	86%	NA	NA	NA
FEM PM₁₀ Rolling Arithmetic Mean (July 2017 -June 2018)	97%#	NA	NA	NA
Max FRM 24-hour PM_{2.5} April 2017-June 2018	39%	24%	NA	NA
FRM PM_{2.5} Rolling Arithmetic Mean (July 2017 – June 2018)	69%	44%	NA	NA
Max FEM 24-hour PM_{2.5} (April-June 2018)	NA	NA	41%	60%*
FEM PM_{2.5} Rolling Arithmetic Mean (July 2017-June 2018)	NA	NA	61%	126%*#

-Data unavailable

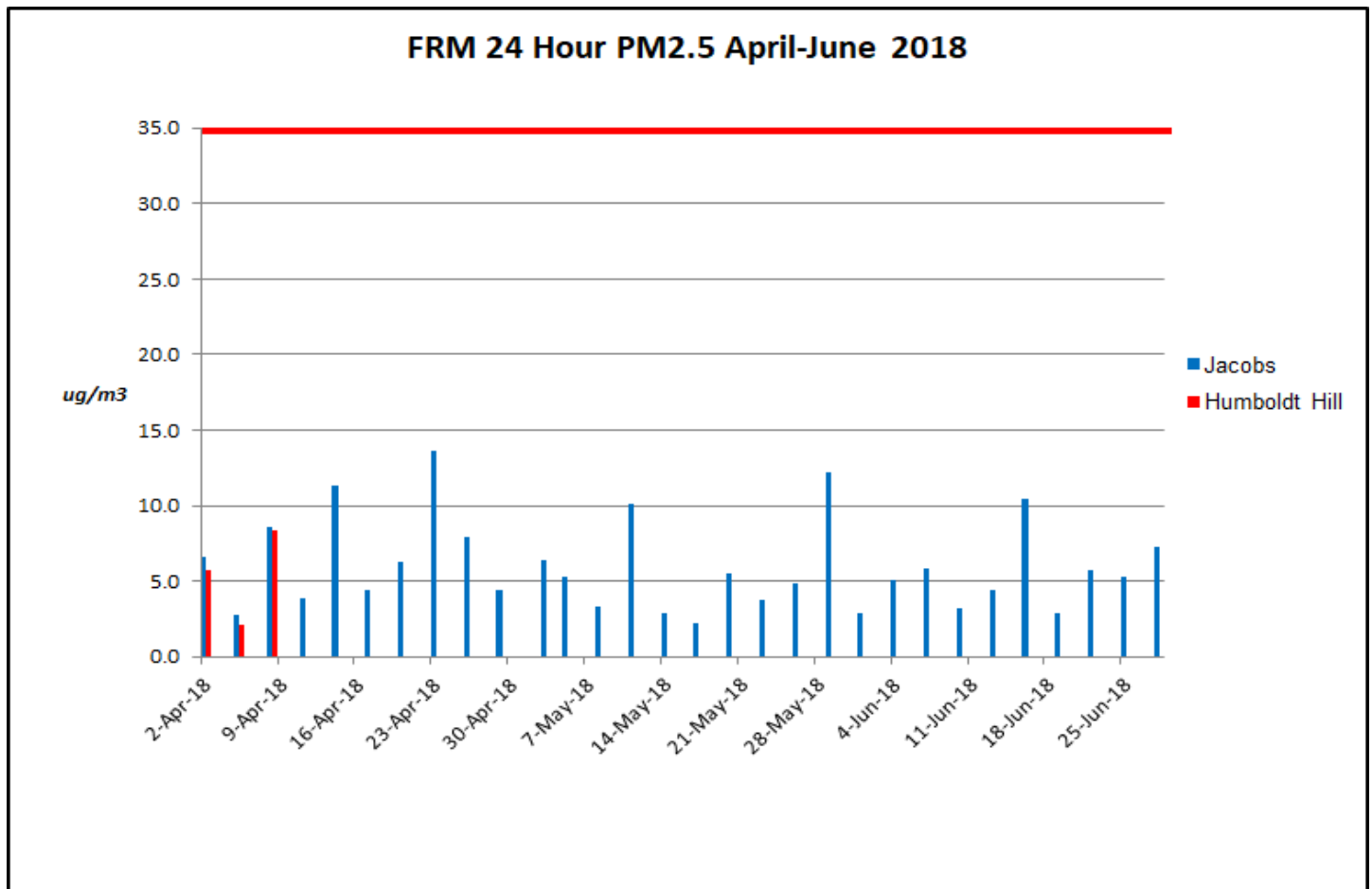
* Instrument not used for Federal Attainment Designation

Wildfire Smoke Impacts included (Exceptional Event Exclusion)

Detailed Graphs:

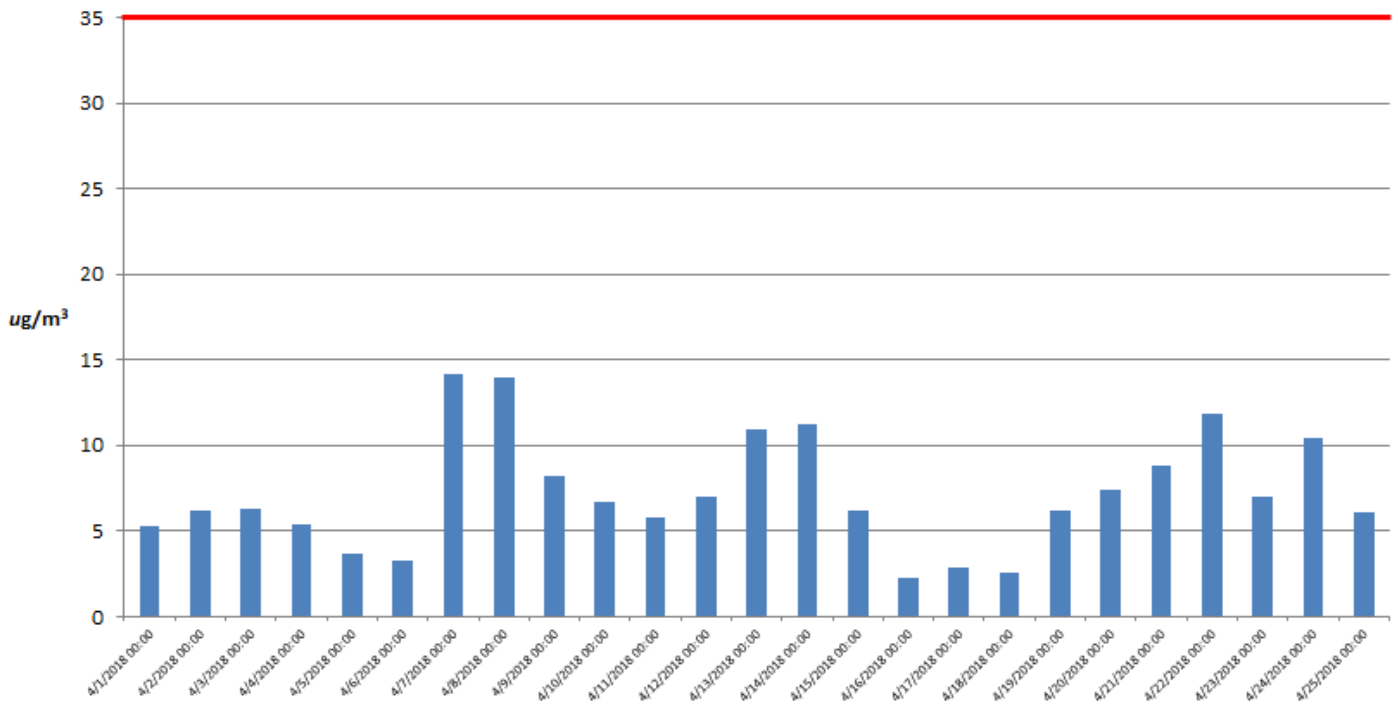


- 24 Hour California AAQS is 50 $\mu\text{g}/\text{m}^3$, Federal AAQS is 150 $\mu\text{g}/\text{m}^3$.
- California Annual Arithmetic Mean AAQS is 20 $\mu\text{g}/\text{m}^3$.
- Humboldt County is classified as non-attainment for this pollutant.



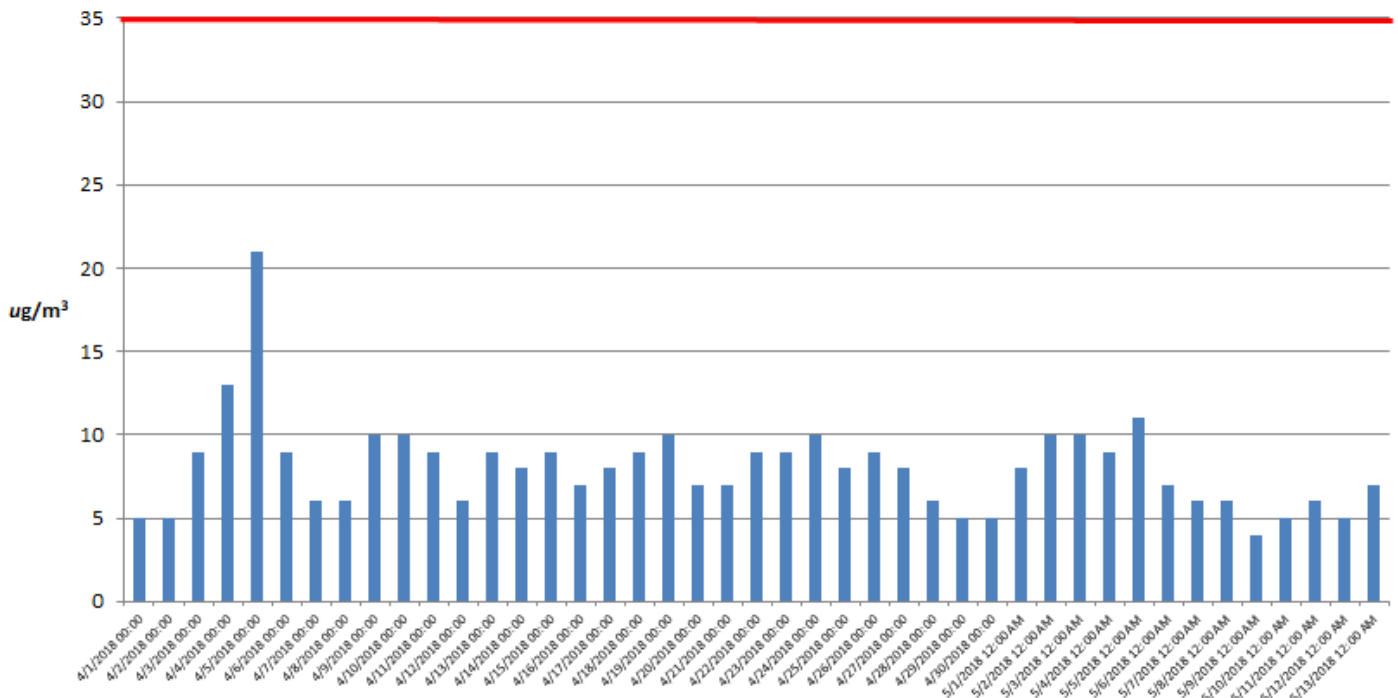
- Federal AAQS is 35 $\mu\text{g}/\text{m}^3$. There is no separate state standard.

Crescent City Station FEM 24 Hr PM2.5 April 2018



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

Weaverville Station Non-FEM 24 Hr PM2.5 April-May 2018



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