

Air Monitoring Report for April 2019

Air Monitoring Data Summary:

The purpose of this status report is to summarize the ambient air quality data available for the period of January 2019.

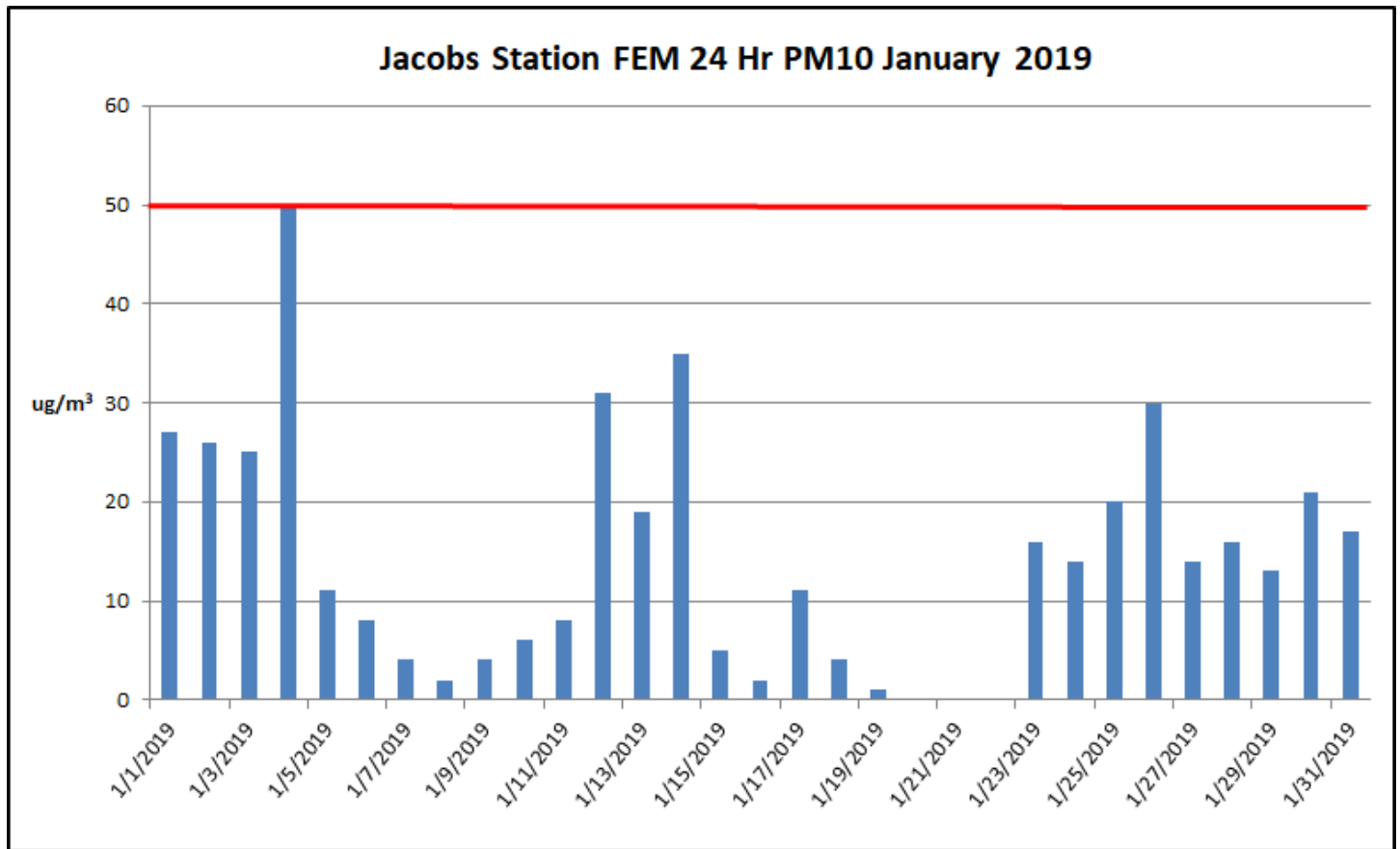
- There was one Federal Equivalent Method (FEM) PM₁₀ exceedance of the State Ambient Air Quality Standard recorded during the January 2019 period.
- No new FRM PM_{2.5} data has been received since the last Board Meeting. The same time period reported in last month's monitoring report is being repeated here. There were 2 Federal Reference Method (FRM) PM_{2.5} exceedances of the State and Federal Ambient Air Quality Standard recorded during that period. These exceedances are attributable to wildfire activity stemming from the Camp Fire.
- There were four non-FEM PM_{2.5} 24 Hour exceedances of the State and Federal Ambient Air Quality Standard recorded in Weaverville during the period. Crescent City collected no FEM data during the January 2019 period.
- The Humboldt Hill Station, which was a Special Purpose Station monitoring the PG&E Power Plant was shut down on Dec 31,2018.
- There were no O₃, SO₂, NO₂, or CO exceedances of the State or Federal Ambient Air Quality Standard recorded during the January 2019 period.

Particulate Levels in Relation to CA Ambient Air Quality Standards

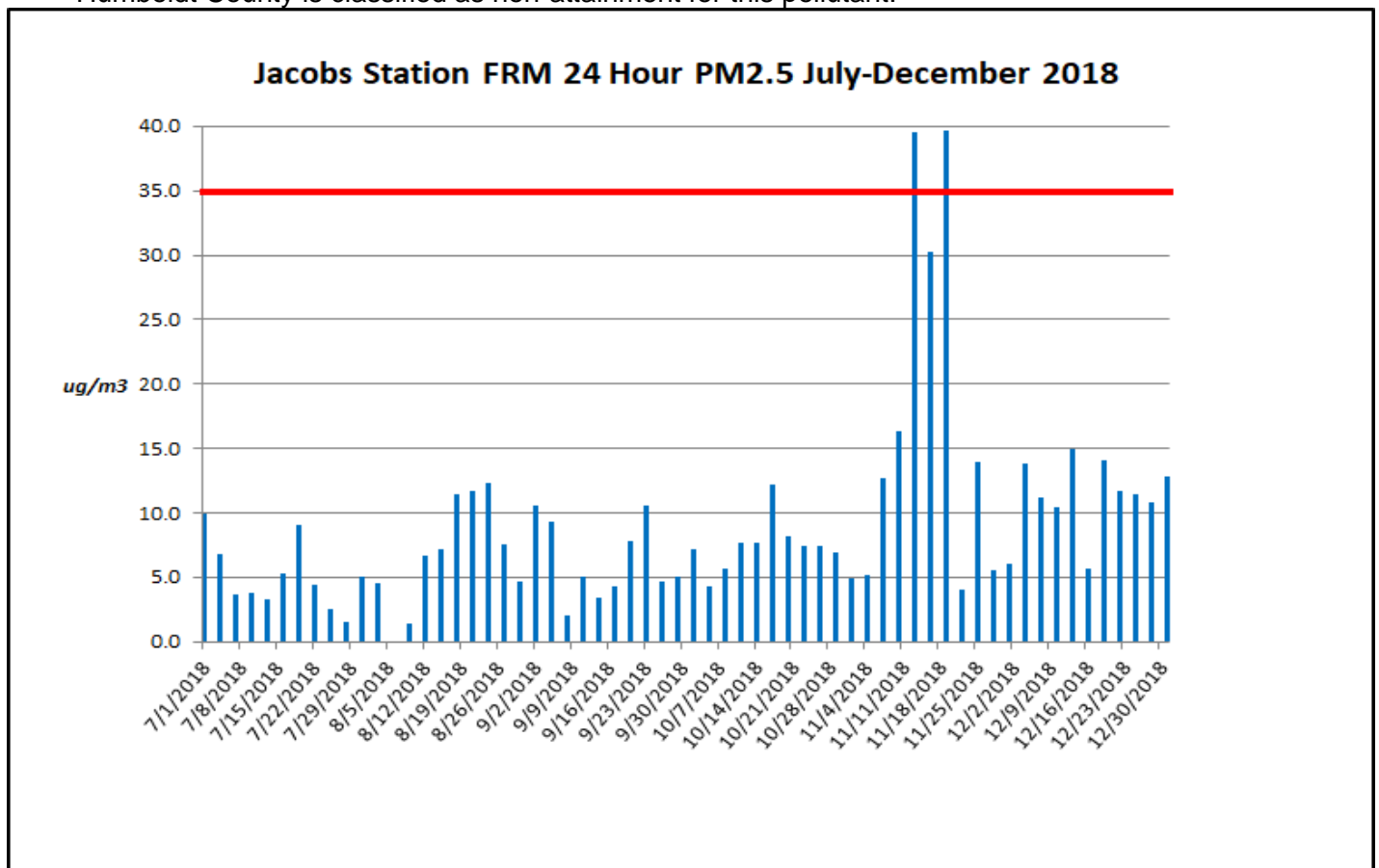
	Jacobs	Crescent City	Weaverville
Max FEM 24-hour PM₁₀ (January 2019)	100%	NA	NA
FEM PM₁₀ Rolling Arithmetic Mean (February 2018-January 2019)	94%	NA	NA
Max FRM 24-hour PM_{2.5} July-December 2018	113% #	NA	NA
FRM PM_{2.5} Rolling Arithmetic Mean (January – December 2018)	65%	NA	NA
Max FEM 24-hour PM_{2.5} (January 2019)	NA	-	157%*
FEM PM_{2.5} Rolling Arithmetic Mean (February 2018- January 2019)	NA	-	129%*#

- Data unavailable
- * Instrument not used for Federal Attainment Designation
- # Wildfire Smoke Impacts included (Exceptional Event Exclusion)

Detailed Graphs:

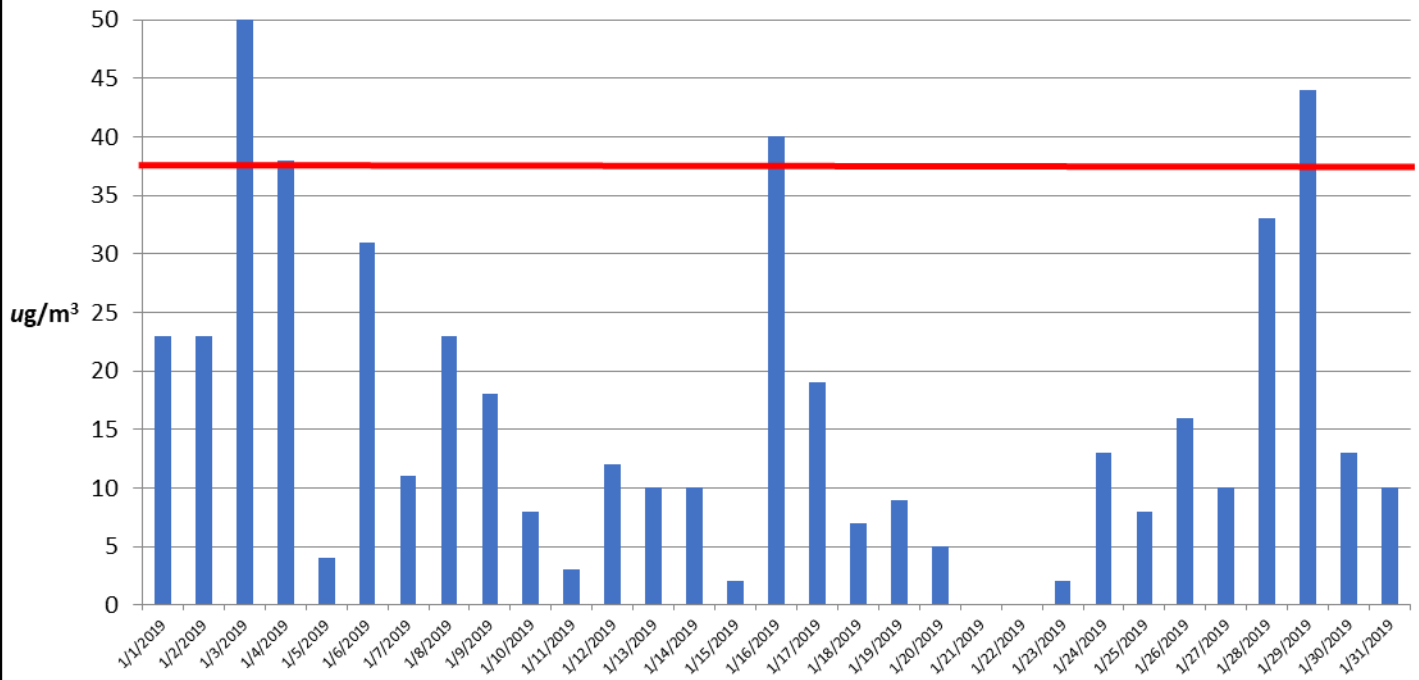


- 24 Hour California AAQS is 50 $\mu\text{g}/\text{m}^3$, Federal AAQS is 150 $\mu\text{g}/\text{m}^3$.
- California Annual Arithmetic Mean AAQS is 20 $\mu\text{g}/\text{m}^3$.
- Humboldt County is classified as non-attainment for this pollutant.



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

Weaverville Station Non-FEM 24 Hr PM2.5 January 2019



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