

Summary of particulate matter statistics for the first year of measurements at the Kamloops Upper Aberdeen air station.

Handout to accompany update to Air Quality Roundtable

December 5th, 2016

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Kamloops

November 24, 2016

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	Federal	Aberdeen
mean PM _{2.5} for first year of PM _{2.5} measurements (µgm ⁻³)	7.9	3.4
mean PM _{2.5} for 2016 calendar year (µgm ⁻³)	7.6	3.3
98th percentile PM _{2.5} for 2016 calendar year (µgm ⁻³)	14.8	8.8
98th percentile PM ₁₀ for 2016 calendar year (µgm ⁻³)		20.8

Table 1: Summary statistics for PM₁₀ and PM_{2.5} at the downtown Kamloops Federal Building station and Upper Aberdeen air station. The Upper Aberdeen air station began measurements in mid October 2015. Statistics are shown for both the first year of measurement (October 16, 2015 to October 15th, 2016) and the 2016 calendar year. Note that the summary was made on November 22nd, so the calendar year values may change when the last weeks of data in 2016 are included. As November and December have higher PM_{2.5} values than other months the PM_{2.5} statistics may increase slightly. The 98th percentile is of daily average values. Days with less than 18 hours of data collected have been removed.

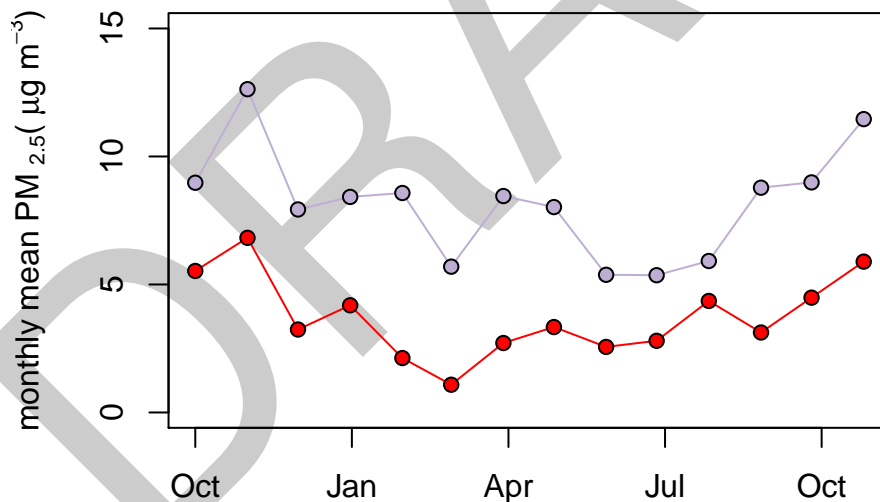


Figure 1: Monthly mean PM_{2.5} values measured at the Federal and Upper Aberdeen air stations since October 2015. Note that the first and last months values are based on less than the full month of data. The red line shows the Aberdeen station and the violet the Federal. The stations are separated by 5 km and the Aberdeen station is 500 m higher in elevation than the downtown Federal station