

WHISTLER PURPLEAIR/BAM NOVEMBER SUMMARY

Monitoring Period: November 1st- November 30th 2022

Location: Whistler, BC, Canada



Figure 1 - Monitoring Locations

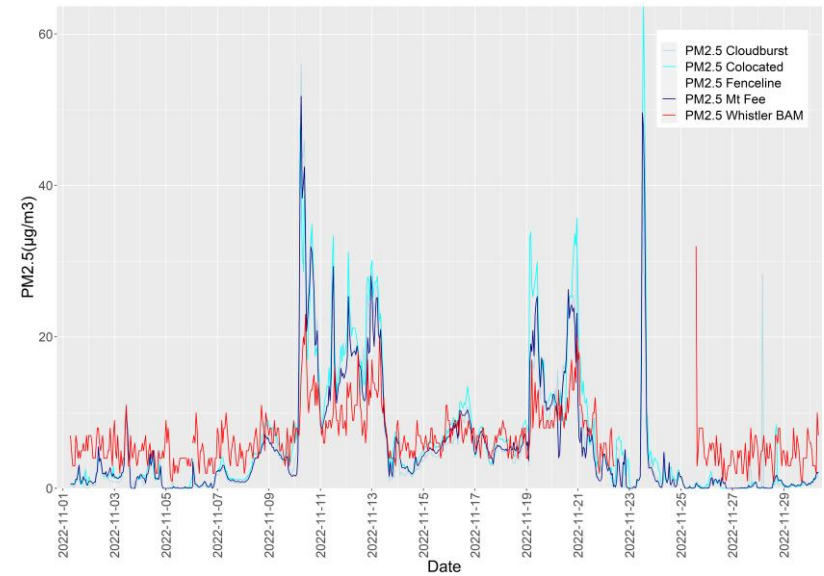


Figure 2 - PM_{2.5} Time Series of Purple Air Monitors and Whistler BAM

*Fenceline PA was offline from 2022-11-02 13:00 to 2022-11-22 11:00:00

**Whistler BAM was down from 2022-11-22 11:00 to 2022-11-25 13:00:00.

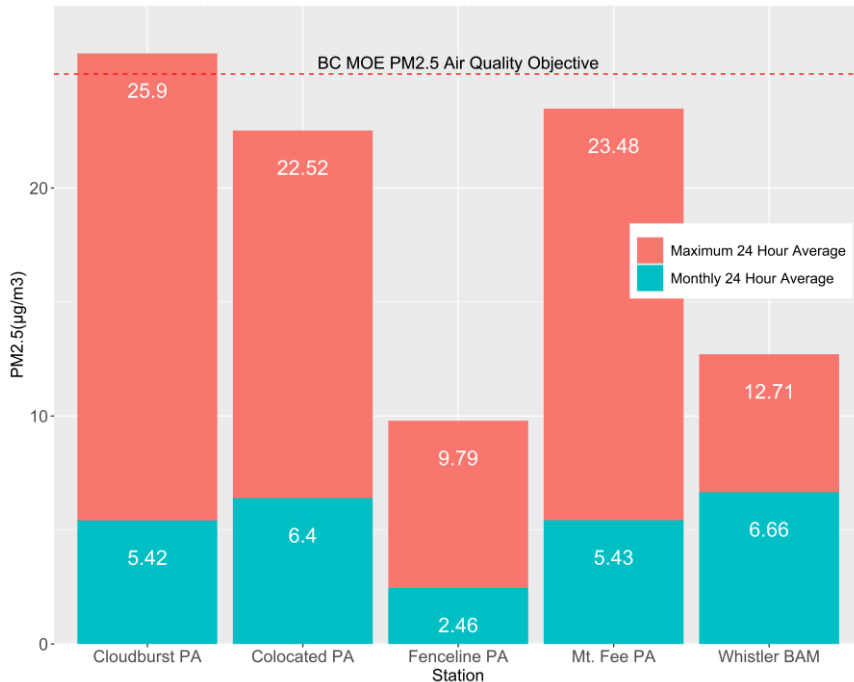


Figure 3 - Monthly Averages and Maximum 24 Hour Averages By Station

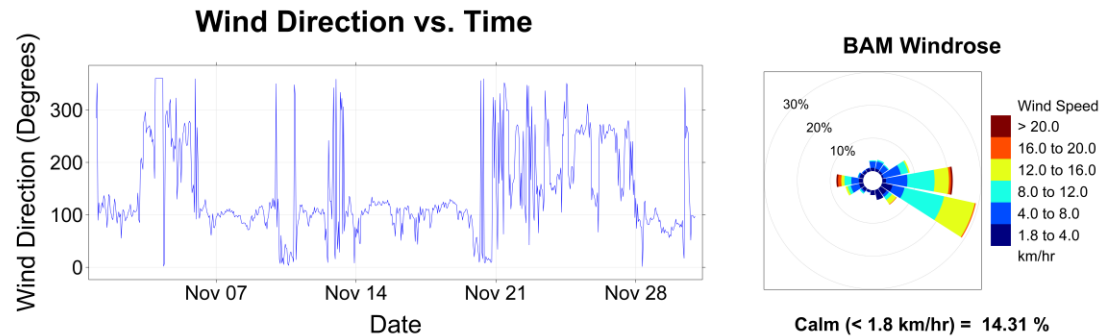


Figure 4 - Wind Direction vs. Time and BAM Windrose

Discussion:

The air quality recorded at the Air Quality monitors for the month of November did not appear to be affected by any significant events. There was two power interruptions that caused lost data at two stations during the month as noted in Figure 2. The 24-hour maximums for the monitors were below the BC MOE PM_{2.5} Air Quality Objective except for Cloudburst which had a single day (Nov. 9th) slightly above the objective.