

February 2022: Continuous (Active) Monitoring Program

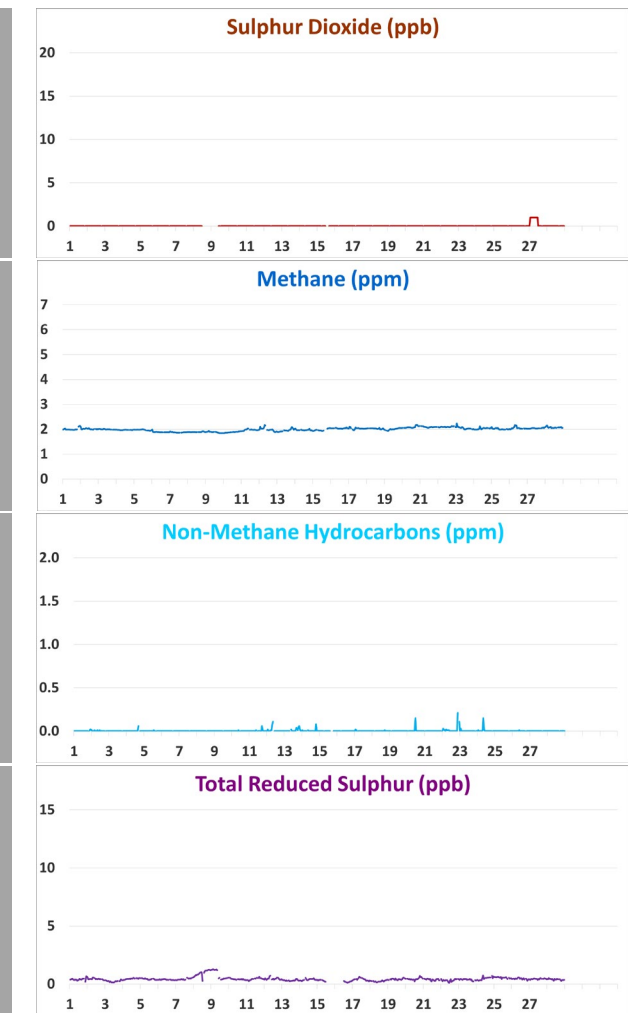
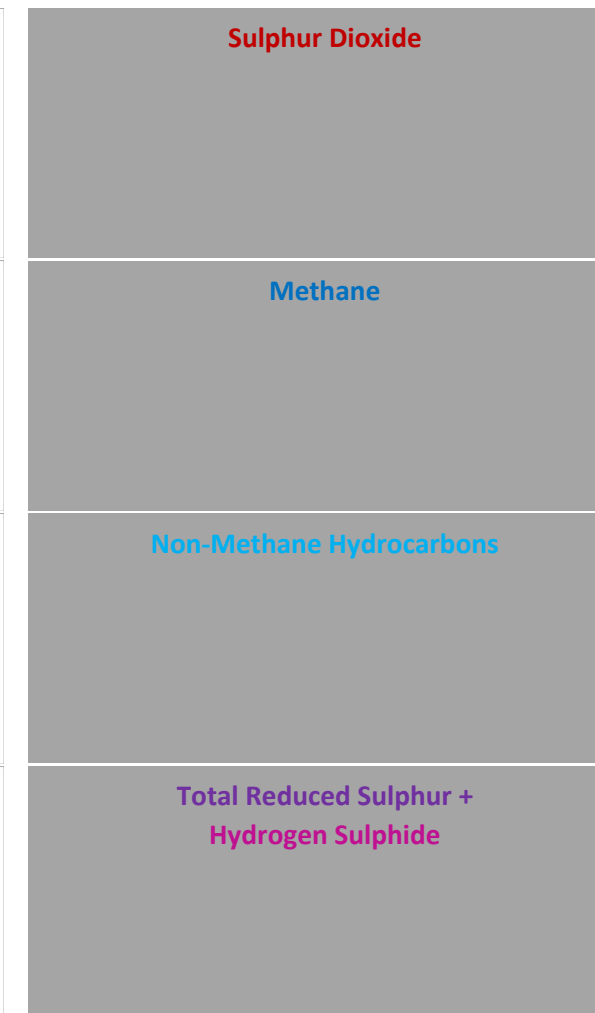
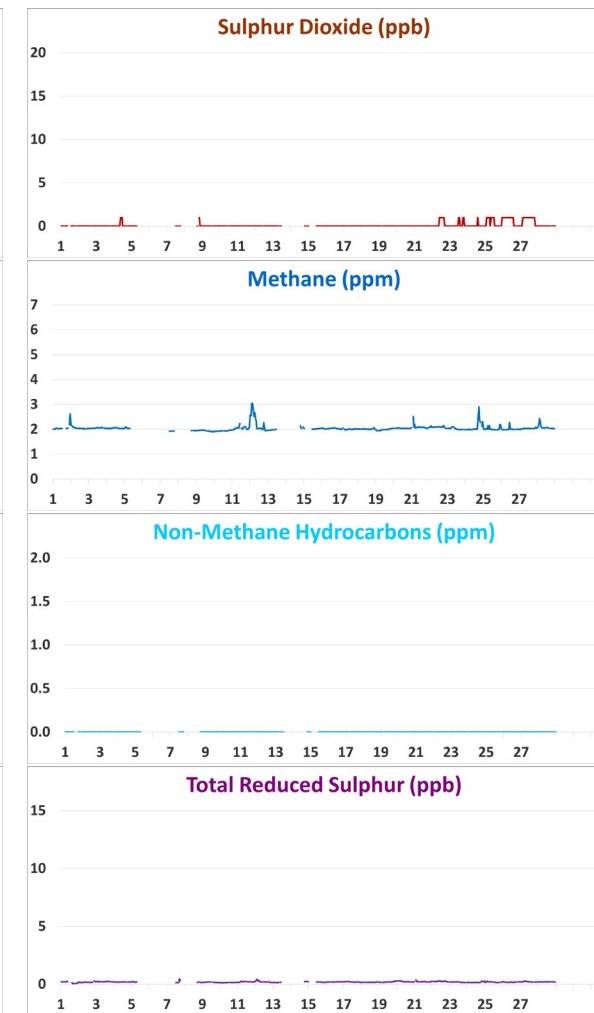
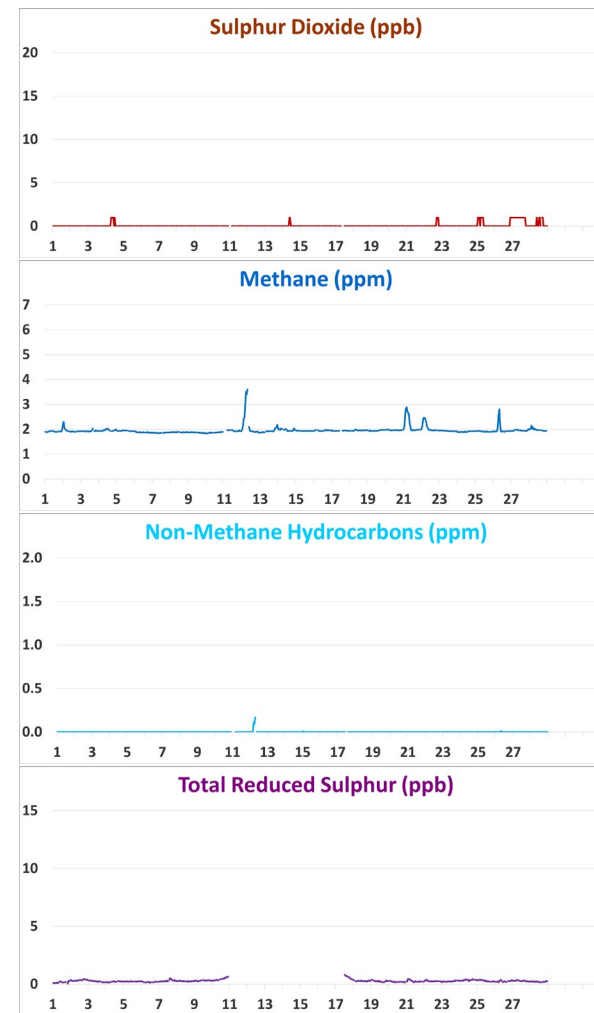
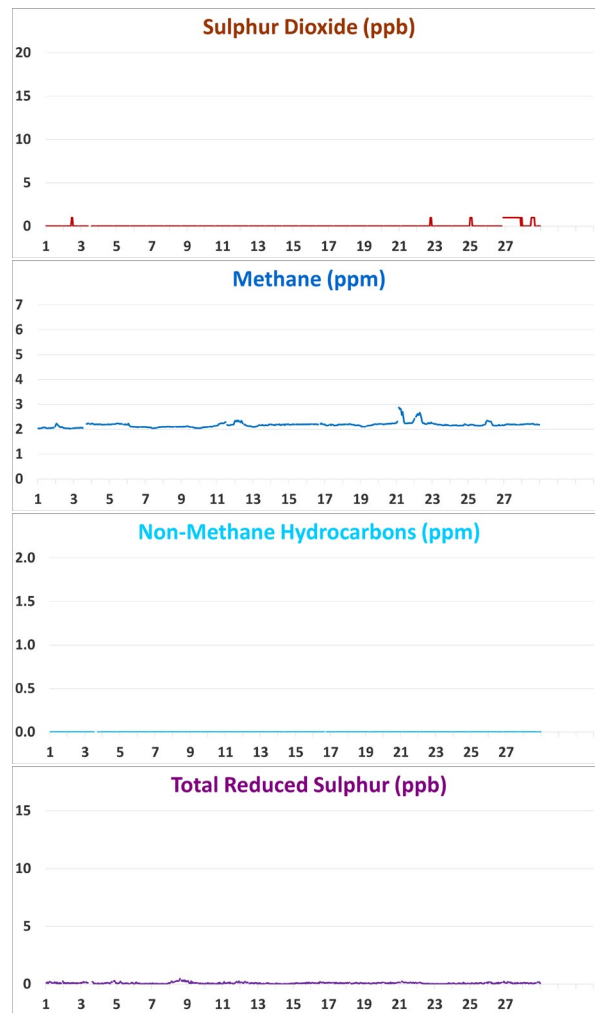
Station 986c

Station 842b

Reno Station

PRC Station (coming March 2022)

AQHI Station – Grimshaw



Field Operations Summary (detailed field operations notes can be found in the monthly technical reports on the PRAMP website)

986c Station

- No major operational issues this month.

842b Station

- All parameters met the 90% operational uptime requirement, except TRS (77.2%). **AEP reference #: 388141.**
- TRS:** The analyzer failed the as-found points check on February 17. Data review showed that although the daily span results were within the acceptable limits, the analyzer failed to recover from the February 11's power failure event properly. Some data were therefore discarded after the power failure between February 11 and February 17. One hundred forty-nine hours of downtime were recorded.

Reno Station

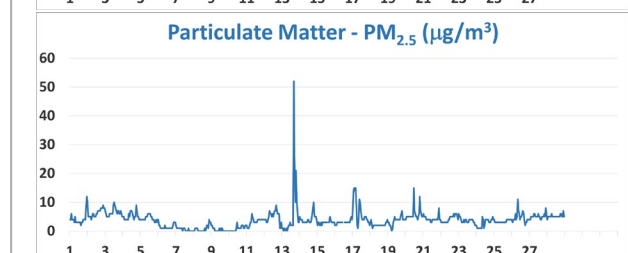
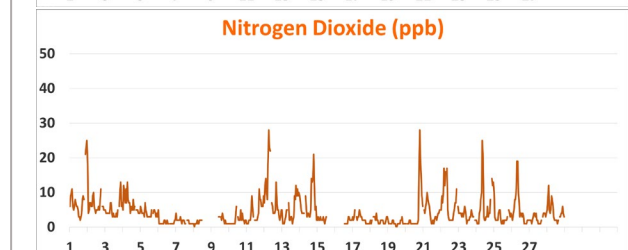
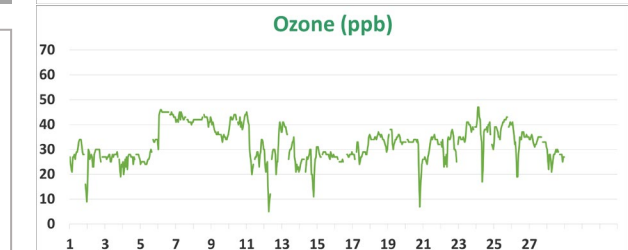
- All Parameters:** Due to collection issues on datalogger, one hundred fifteen hours of data were lost this month. The data logger was replaced to correct the issue on February 15.
- All parameters failed to meet the 90% operational uptime requirement (82.9%). **AEP reference #: 387887.**

AQHI – Grimshaw Station

- No major operational issues this month.

VOCs Canister Sampling program

- There were no canister events recorded this month.



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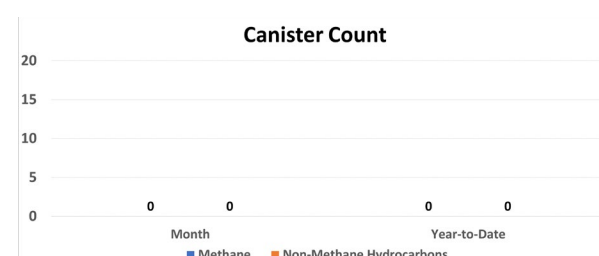
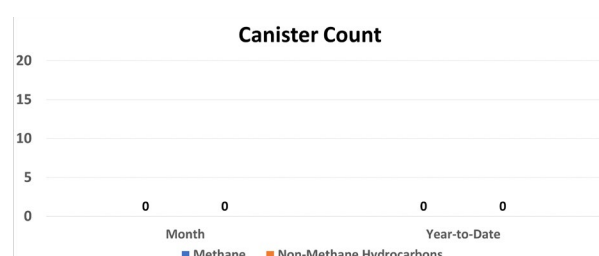
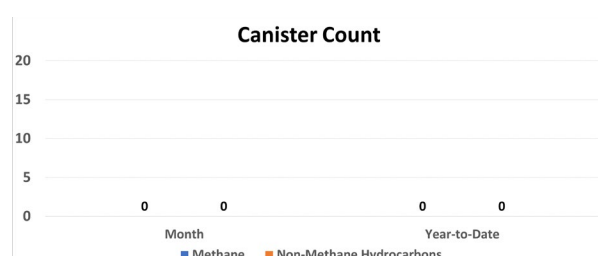
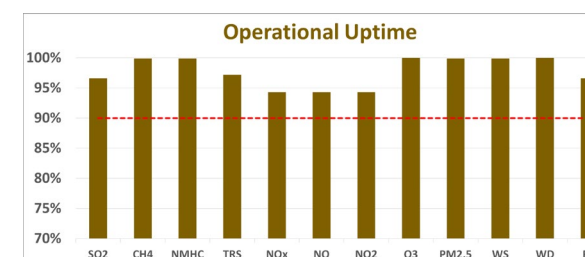
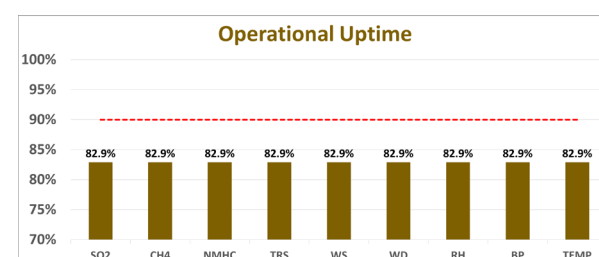
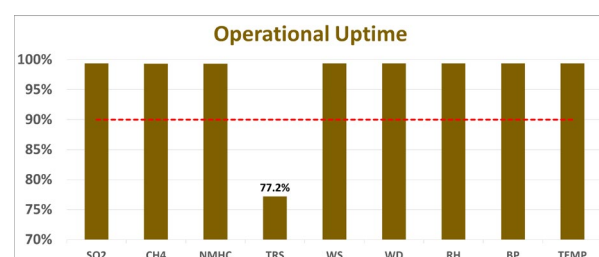
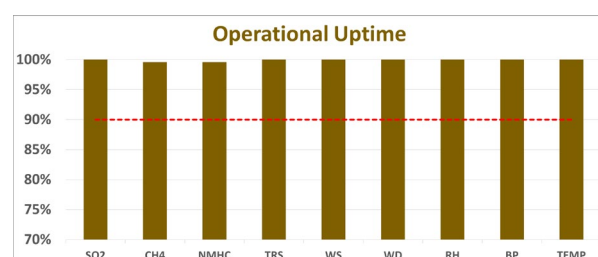
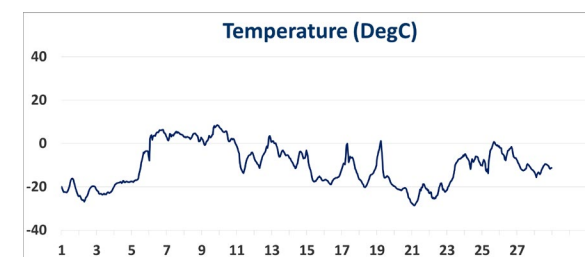
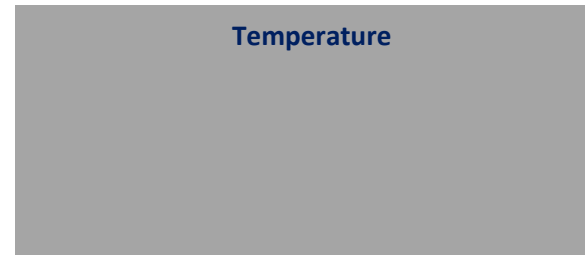
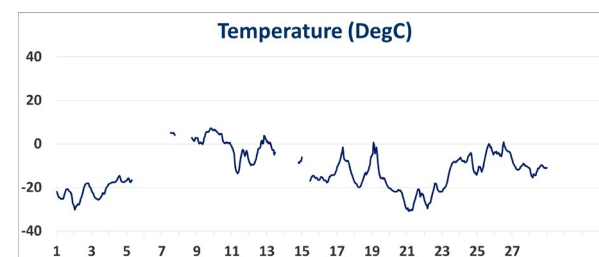
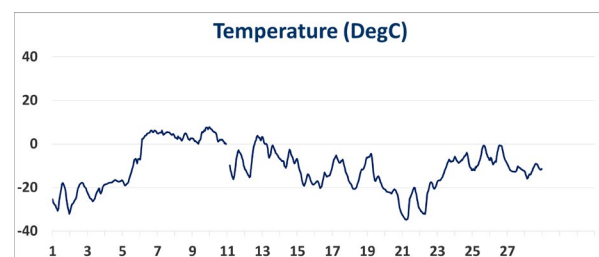
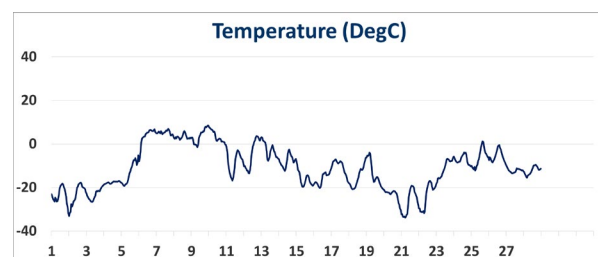
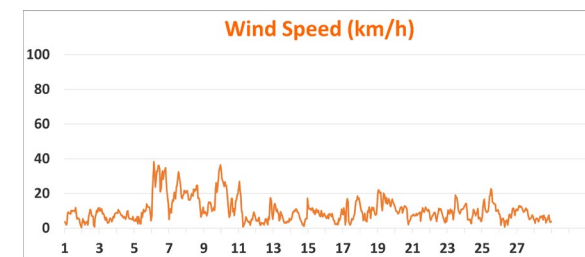
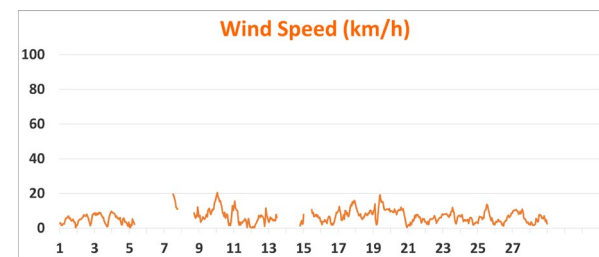
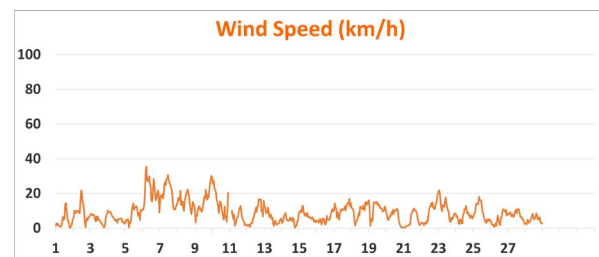
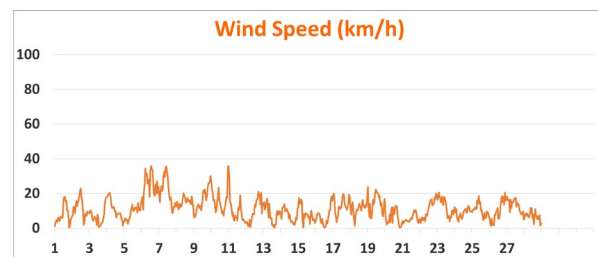
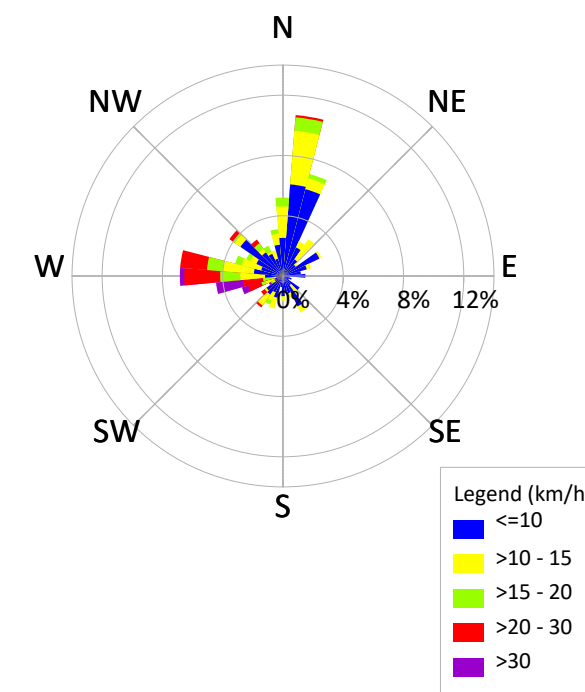
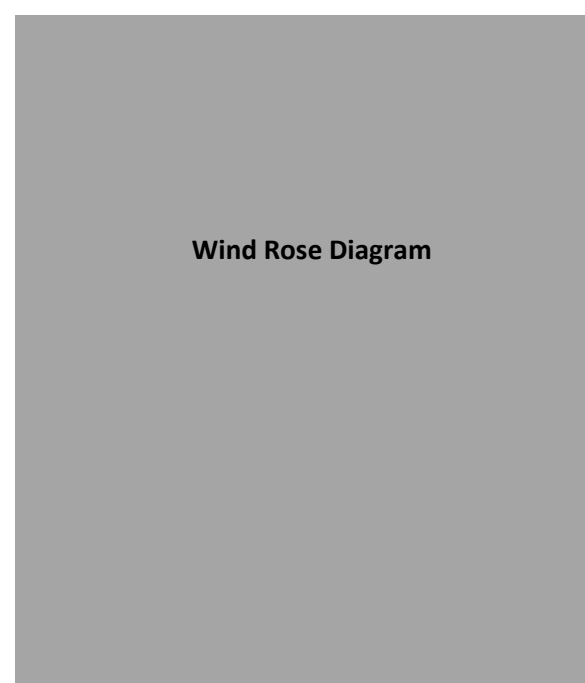
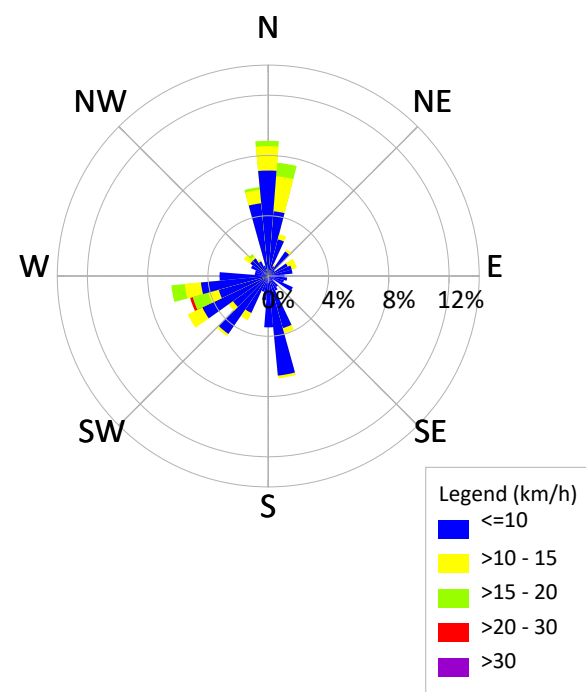
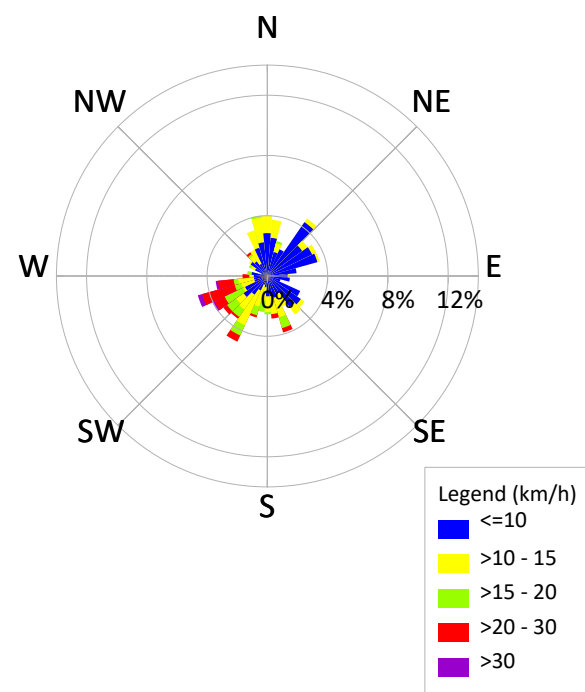
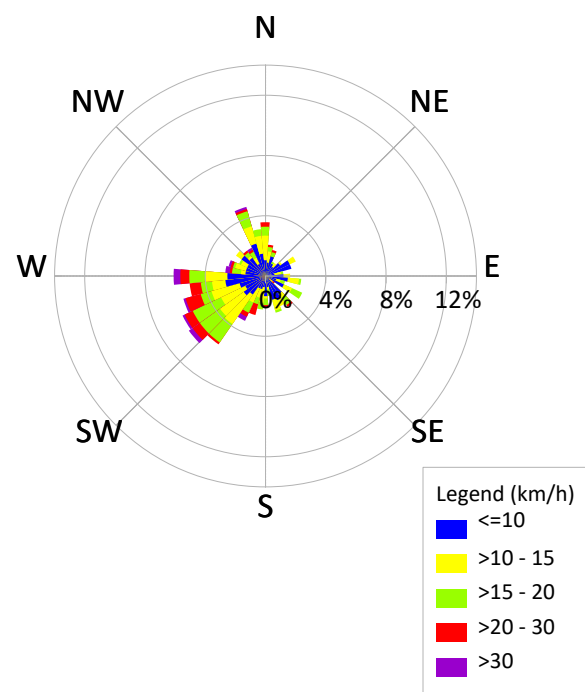
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Targets, Guidelines, and Objectives
 Sulphur Dioxide 1h AAAQO = 172 ppb
 Ozone 1h AAAQO = 76 ppb
 Particulate Matter (PM_{2.5}) 1h AAAQO = 80 µg/m³
 Nitrogen Dioxide 1h AAAQO = 159 ppb
 Operational Uptime Requirement = 90%
 AQHI Risk Value = 1-3 Low, 4-6 Moderate, 7-10 High, >10 Very High

