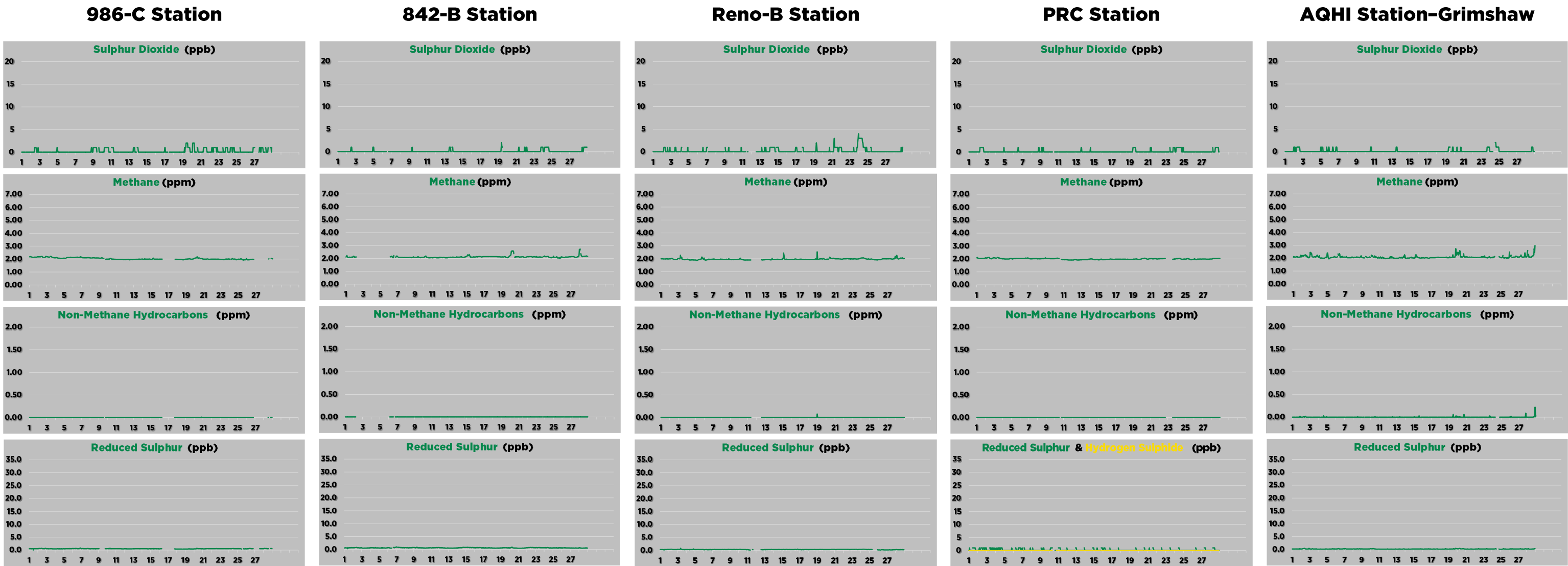
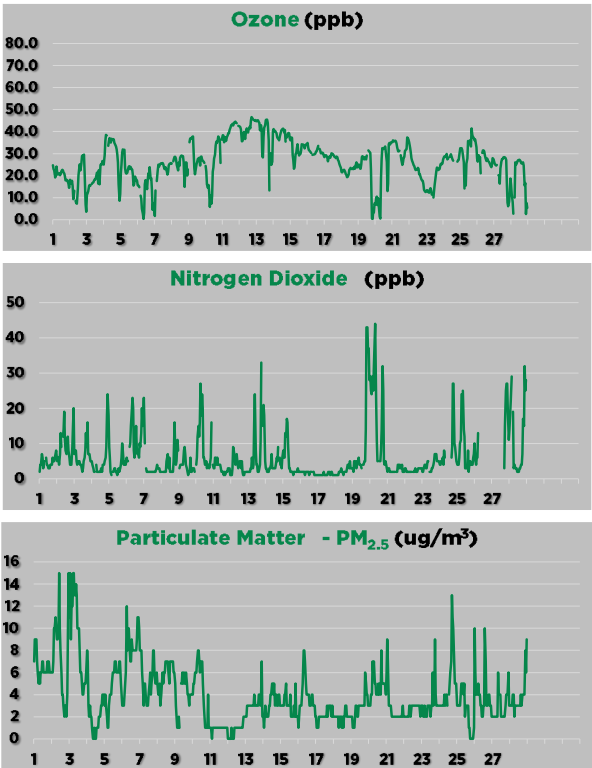


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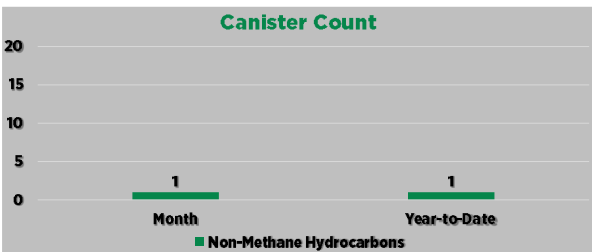
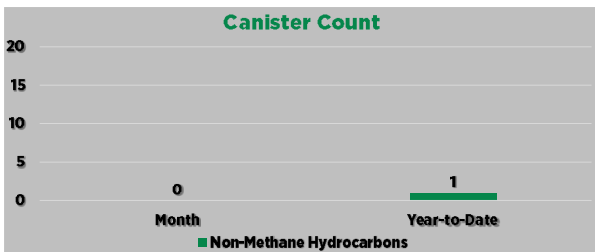
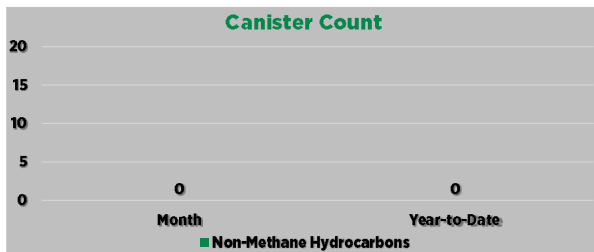
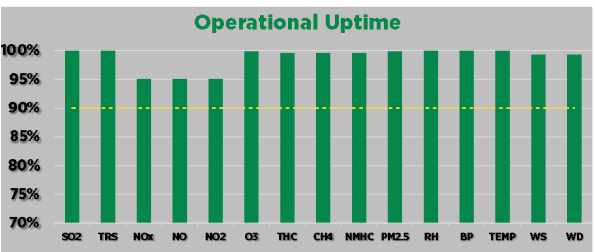
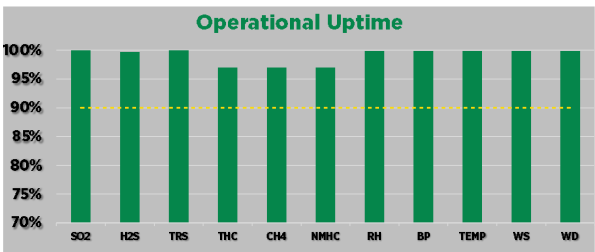
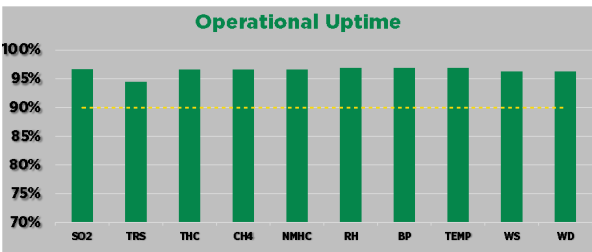
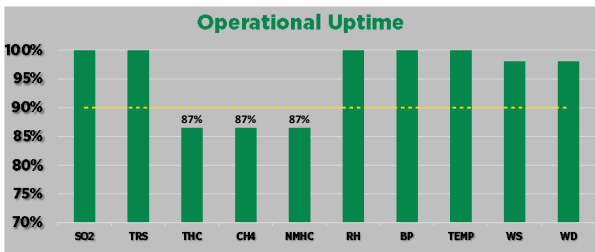
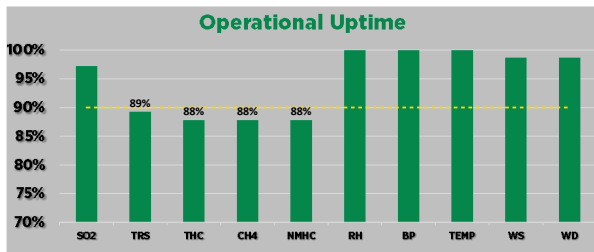
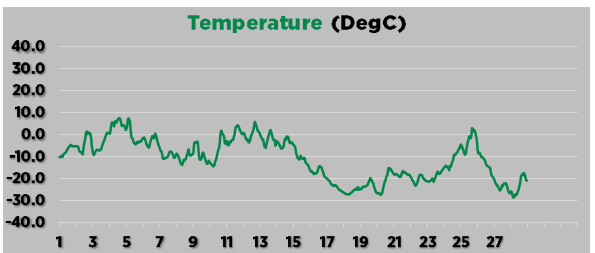
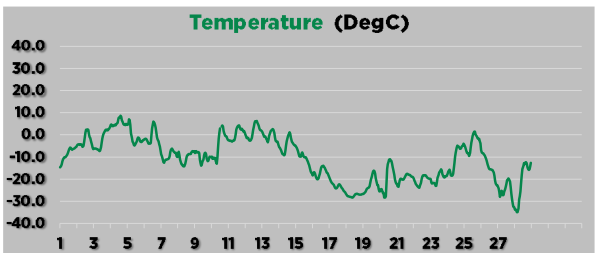
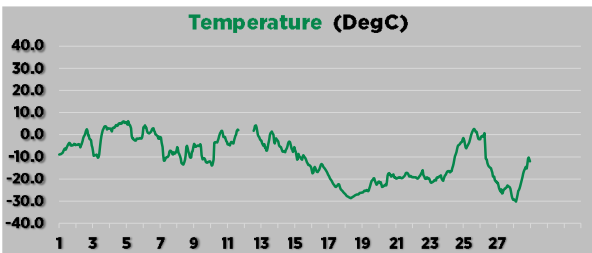
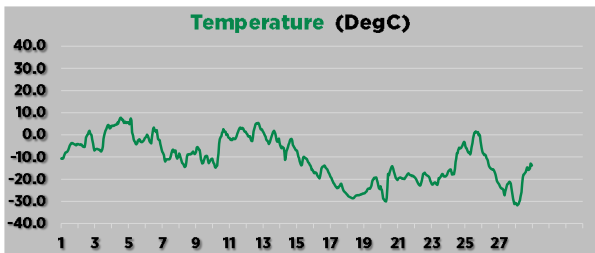
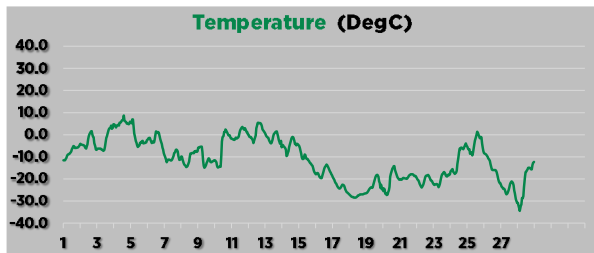
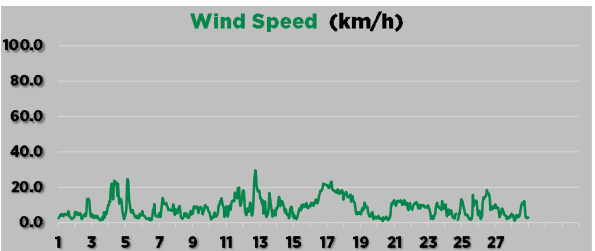
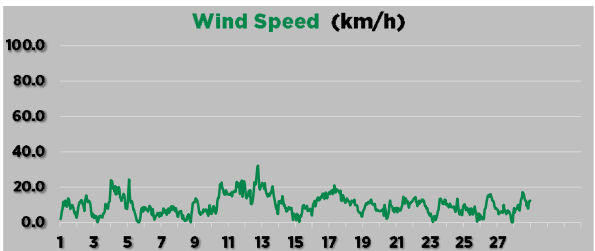
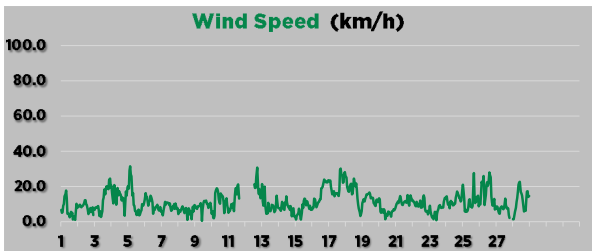
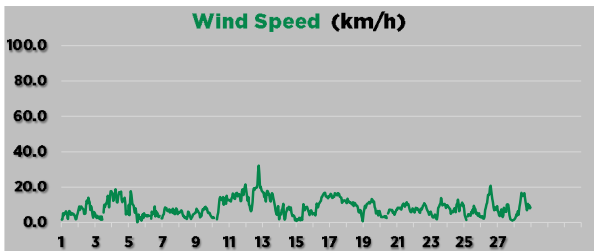
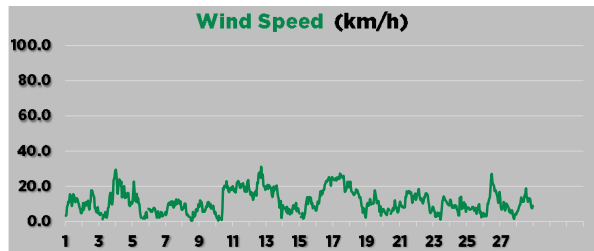
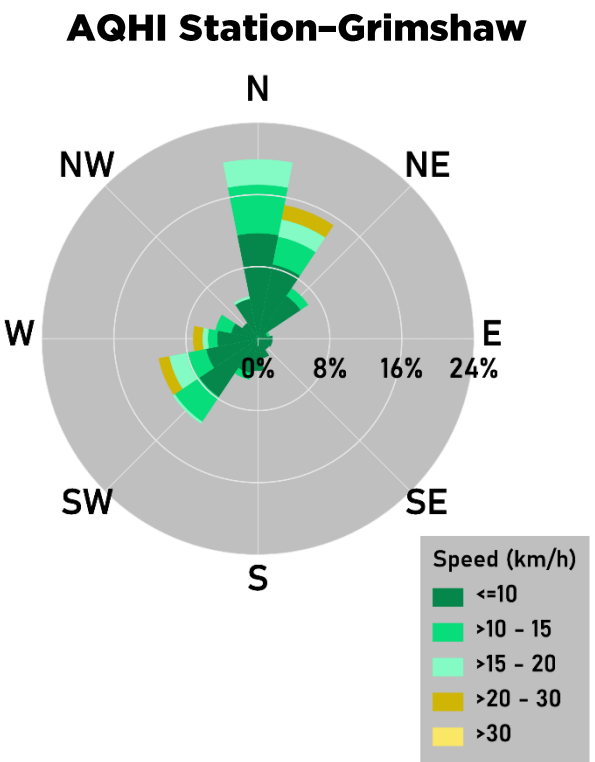
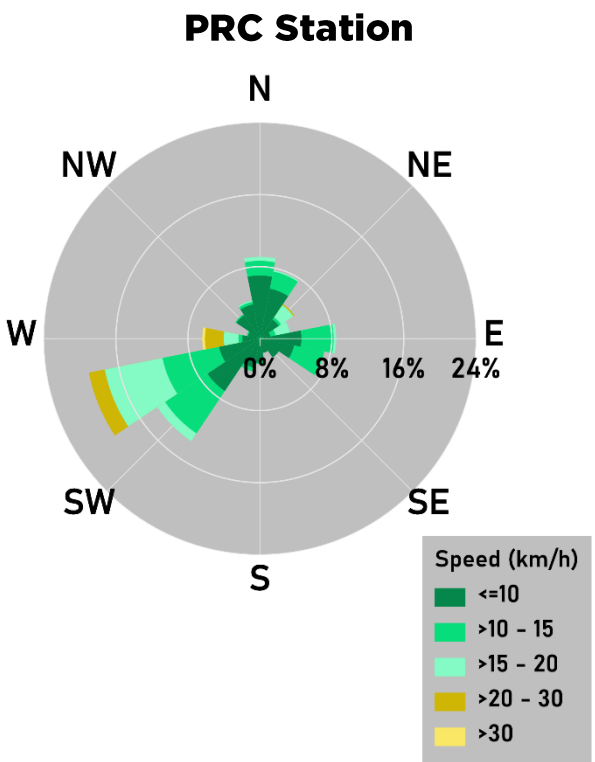
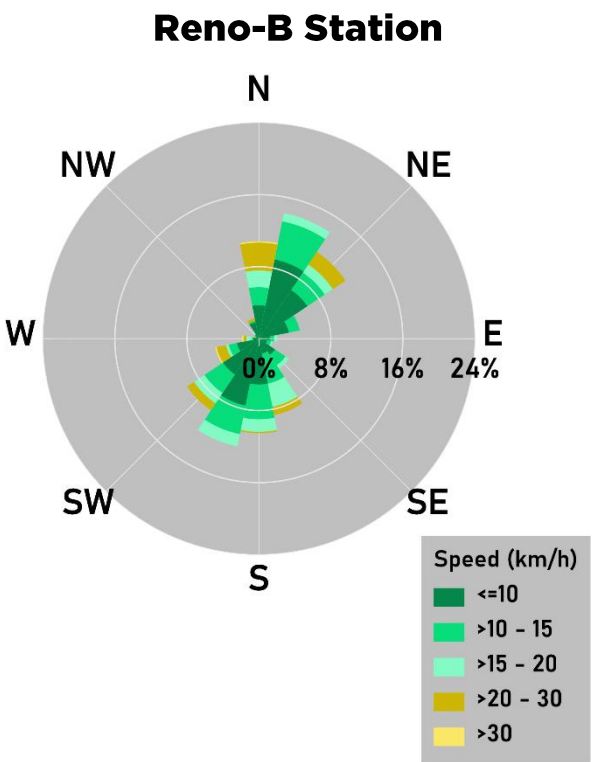
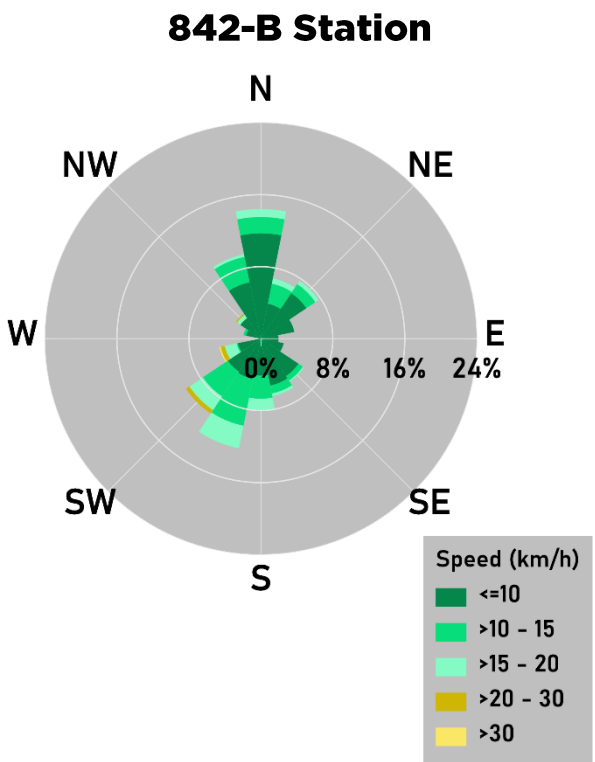
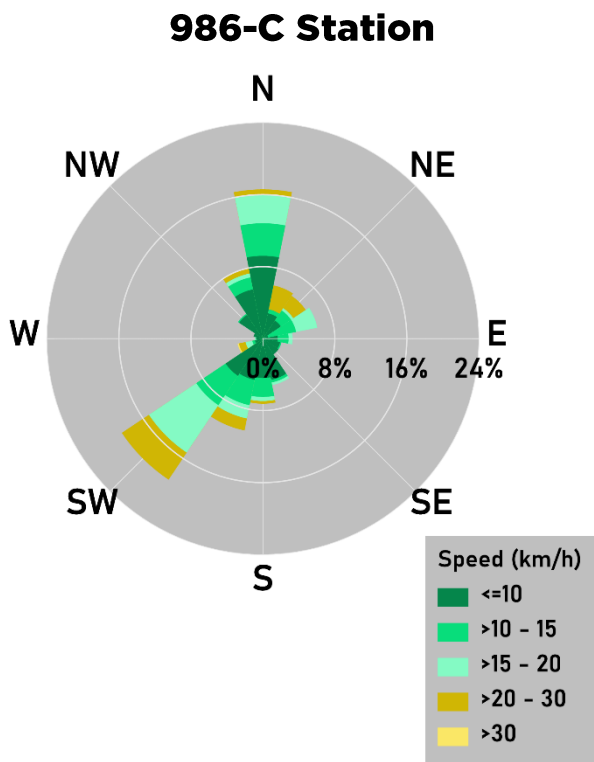


Field Operations Summary (detailed field operations notes can be found in the monthly technical reports on the [PRAMP website](#))

- All Stations**
- TRS/H₂S: Low ambient temperatures affected TRS/H₂S span performance in February due to very dry sample air, which can slow analyzer response because the SO₂ scrubber requires some humidity to function effectively. Although some span checks were below requirements and some zero checks were near or outside drift limits, field checks, historical cold-weather performance, and post-event review indicate the analyzers continued to meet applicable AMD criteria. The data are considered valid.
- 986-C Station**
- Gas channels: Low shelter temperatures caused gas analyzers to operate outside manufacturer-specified temperature ranges on some dates. Affected one-minute data were reviewed and discarded where required, and hourly data were recalculated. This resulted in 13 to 50 hours of downtime, depending on the channel.
 - TRS: The analyzer failed the scrubber test on February 9. The scrubber was replaced and a successful post-repair calibration was completed the same day. Data were invalidated back to the last valid calibration check. Including low-temperature and minor downtime, total downtime was 72 hours. Operational uptime: 89.3%. **DINC#0024259.**
 - THC/CH₄/NMHC: The analyzer flamed out on February 27 at hour 13. The analyzer and hydrogen generator were reset on February 28. Including downtime from low shelter temperatures and other minor issues, total downtime was 82 hours. Operational uptime: 87.8%. **DINC#0024620.**
- 842-B Station**
- THC/CH₄/NMHC: The NMHC channel failed daily span checks from February 3 to 5 but passed repeat zero/span checks and the February 6 monthly calibration. No clear diagnostic issue was identified. As a precaution, data were invalidated back to the last valid calibration check on February 2. Total downtime was 91 hours. Operational uptime: 86.5%. **DINC#0024621.**
- Reno-B Station**
- TRS: The analyzer failed the scrubber material test on February 25. The scrubber material and permeation tube were replaced, followed by a successful post-repair calibration the same day. Data were invalidated back to the last valid calibration check on February 25 at hour 9, resulting in five hours of downtime. The expected span value update was deferred to March because extreme cold affected span check results.
- PRC Station**
- H₂S: Following a successful shutdown calibration on February 10, BV's Teledyne T101 H₂S analyzer, s/n 1014, was replaced with PRAMP's Thermo 450iQ H₂S analyzer, s/n CM25317072. A successful installation calibration was completed the same day.
 - AT/RH: The Rotronic HC2A-S3 sensor, s/n 20558318, was removed for manufacturer verification/recertification on February 10 and replaced with Rotronic HC2A-S3 sensor, s/n 20626912.
- AQHI – Grimshaw Station**
- No major operational issues were recorded this month.
- VOCs Canister Sampling Program**
- One NMHC-triggered canister event was recorded at Reno-B Station on February 18 at 23:40. The NMHC five-minute concentration was 0.75 ppm at 23:35.



February 2026: Active Monitoring Program



Targets, Guidelines, and Objectives

Sulphur Dioxide 1h AAAQO = 172 ppb
Ozone 1h AAAQO = 76 ppb
Particulate Matter (PM_{2.5}) 1h AAAQG = 80 ug/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

