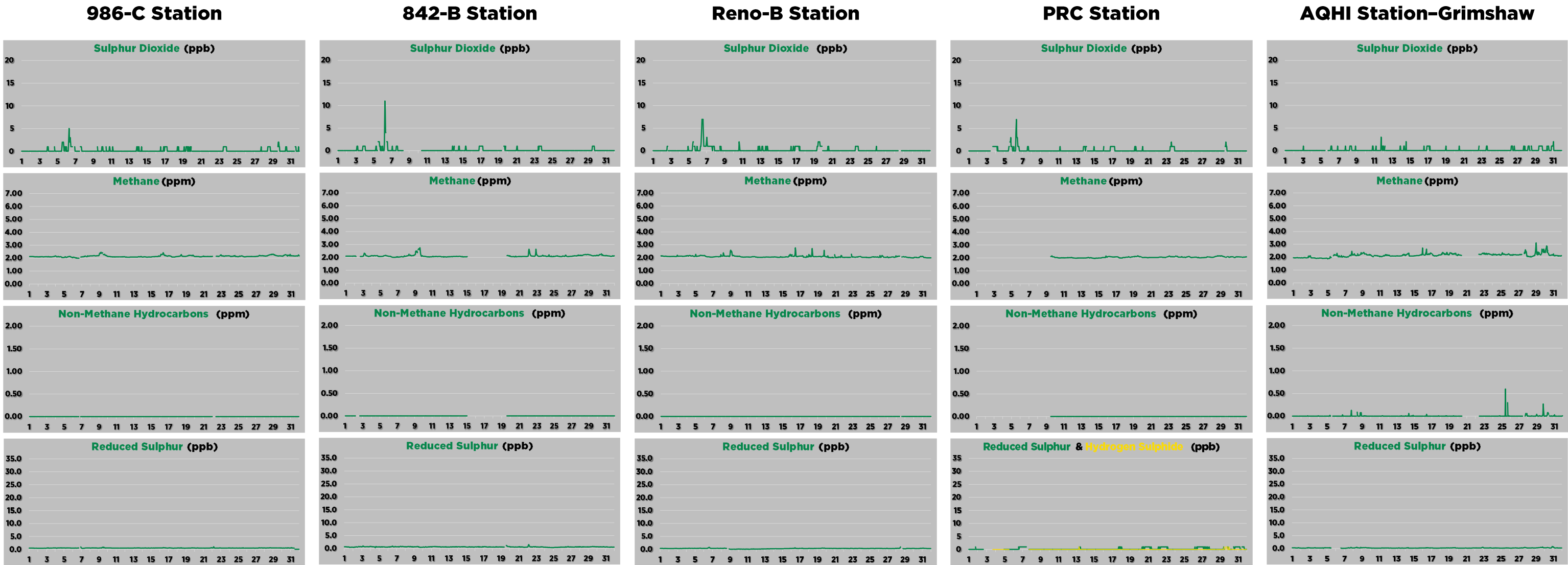
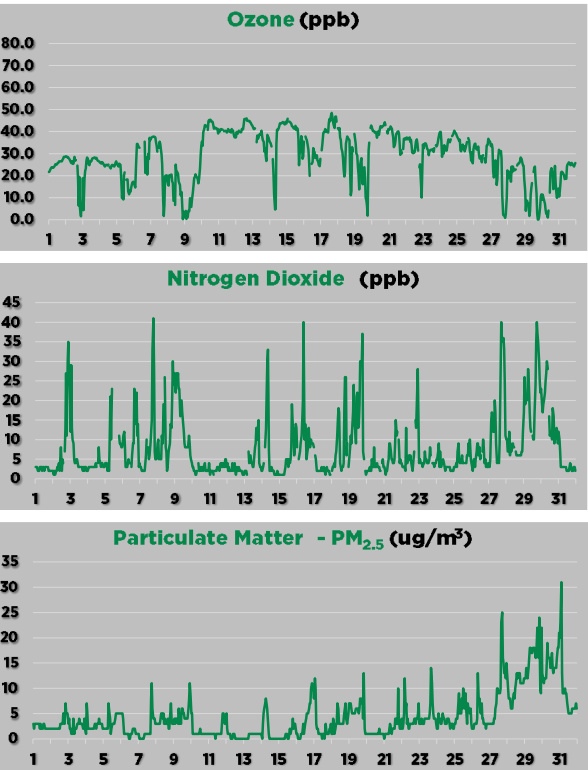


January 2026: Active Monitoring Program



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 January 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**
- No major operational issues were recorded this month.
- 842-B Station**
- THC/CH₄/NMHC: The NMHC channel failed daily span checks from January 16 to 18 but passed a multi-point calibration on January 19. Diagnostics did not identify an obvious cause. As a precaution, data were invalidated back to the last valid calibration check on January 15. This event resulted in 102 hours of downtime. Including other minor events, total downtime was 112 hours and operational uptime was 84.9%. **DINC0023649**
- Reno-B Station**
- No major operational issues were recorded this month.
- PRC Station**
- THC/CH₄/NMHC: Elevated NMHC concentrations following installation of Thermo 55i analyzer s/n 1191032505 on December 3, 2025 were attributed to analyzer noise. After a successful shutdown calibration on January 8, the analyzer was replaced with Thermo 55i s/n 12101910497, with installation calibration completed January 9. Data from January 1 hour 0 to January 8 hour 9 were invalidated. Including related downtime, 201 hours were recorded, resulting in 73.0% operational uptime. **DINC#0023619**
 - H₂S: The analyzer failed the December 31 daily span check due to sample pump failure. An external pump was installed January 3, and data from January 1 hour 0 to January 3 hour 10 were invalidated, resulting in 59 hours of downtime. A second span failure occurred January 6 due to sample flow drift. Following shutdown calibration on January 7, the pump was replaced and post-repair calibration completed, resulting in 51 additional hours of downtime. Including related downtime, 112 hours were recorded, resulting in 84.9% uptime. **DINC#0023620**
 - TRS: Following shutdown calibration on CNRL's Thermo 450i analyzer s/n 1034746224 on January 29, the analyzer was replaced with PRAMP's Thermo 43iQ analyzer s/n 12509938964. Installation calibration was completed the same day. Eight hours of downtime were recorded.
- AQHI – Grimshaw Station**
- No major operational issues were recorded this month.
- VOC Canister System**
- No NMHC canister events were recorded this month.



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