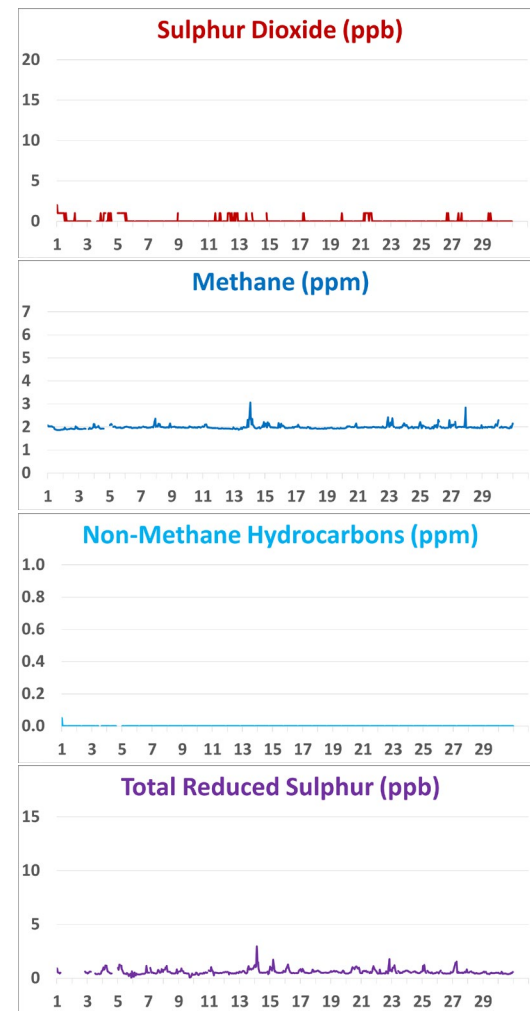
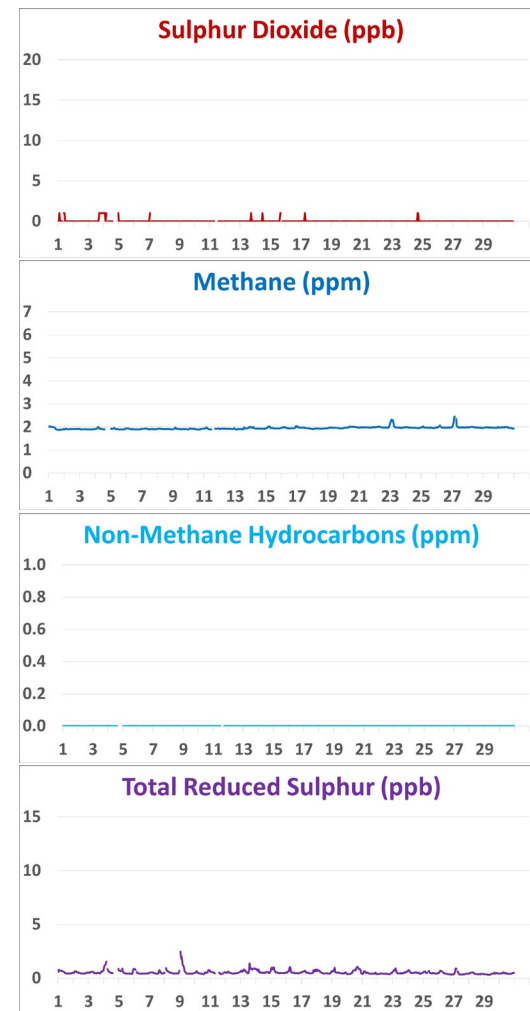


June 2019: Continuous Monitoring Program

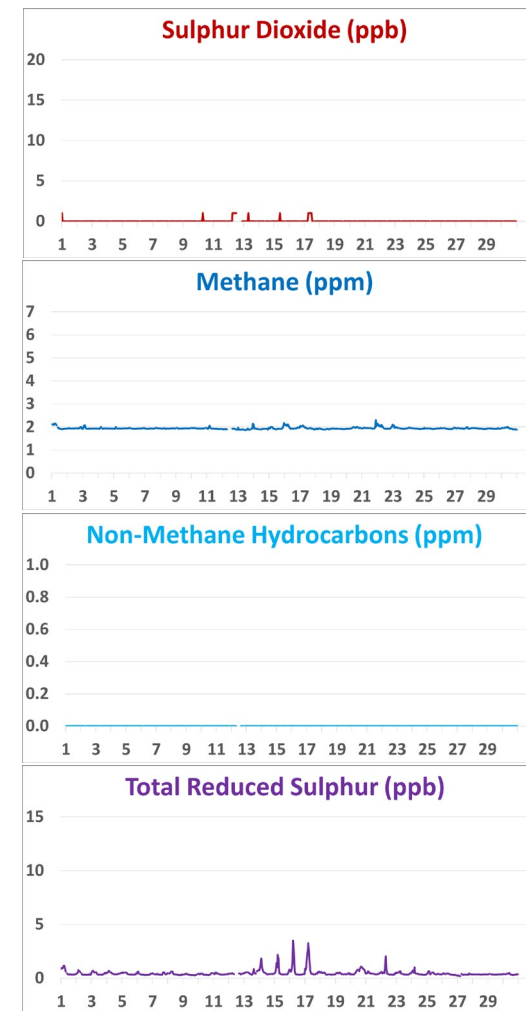
Station 986b



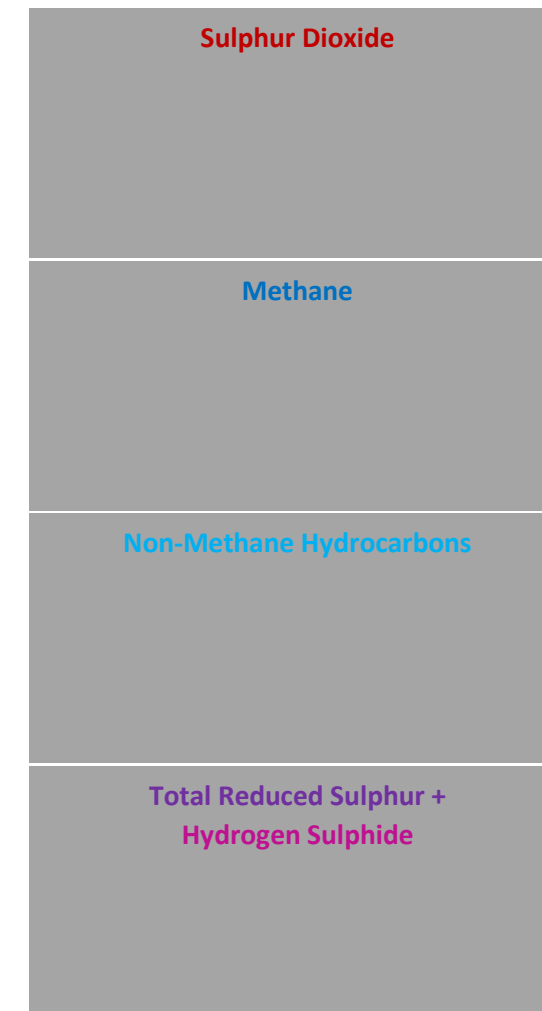
Station 842b



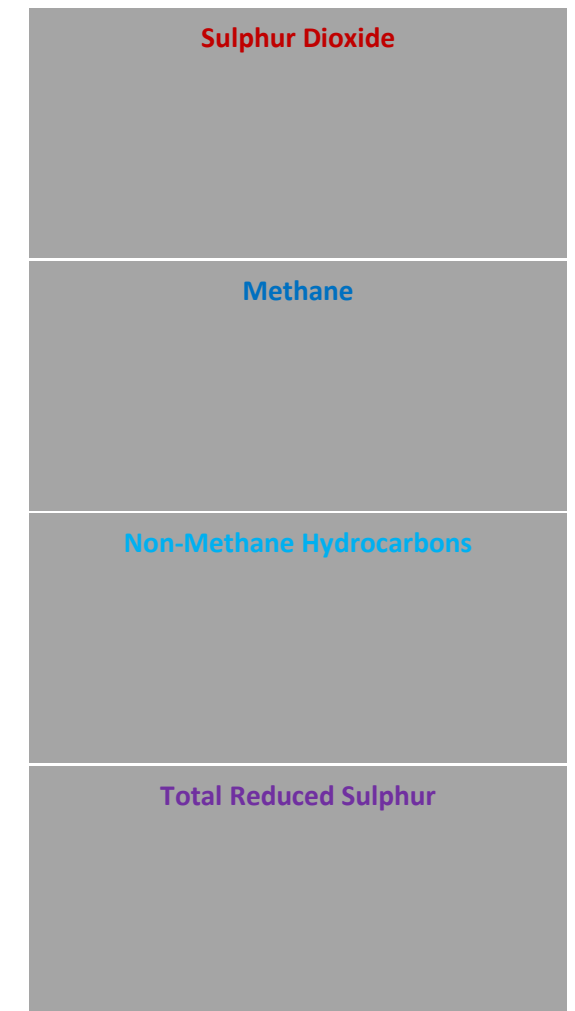
Reno Station



PRC Station (coming soon)



AQHI Station (coming soon)



Operational Summary

986b Station:

- A power failure occurred on June 4 between hour 15 and hour 22. 8 hours of downtime were recorded. June 4 hour 23 data was also invalidated for all gas parameters as extra time was needed for the analyzers to recover from the power failure.
- TRS: The TRS convertor failed on June 1 at 05:56. Troubleshooting was performed on June 2 during hour 19 by replacing the convertor and initiating a post-repair zero/span check. The zero/span check results were within the acceptable limits. Data collected between June 1 at 05:56 and June 2 at 19:59 were discarded. 38 hours of downtime were recorded due to this event.
- THC/CH4/NMHC: Due to the analyzer injection issue, CH4 minute data collected on June 13 at 07:22 and 07:23 were invalidated. Corresponding THC and NMHC data were also discarded. Hourly averages were recalculated.
- Station temperature (ST): High station temperature was recorded on June 27 (hourly max 28.9 °C). A portable AC unit was installed on June 28 to maintain a stable station temperature.

842b Station:

- A few power outages occurred this month: One was recorded on June 3 at 16:49 and the second power outage was recorded on June 3 at 17:46. TRS one-minute data collected on June 3 at 16:50 and THC/CH4/NMHC one-minute data collected on June 3 from 16:50 to 17:03 were also discarded as the analyzers were recovering from the power failure event. Hourly data were re-averaged. Another major power failure event was recorded on June 4 between hour 15 and hour 22. 8 hours of downtime were recorded. June 4 hour 23 data was also invalidated for the THC/CH4/NMHC as extra time were needed for the HC analyzer to recover from the power failure.

Reno Station:

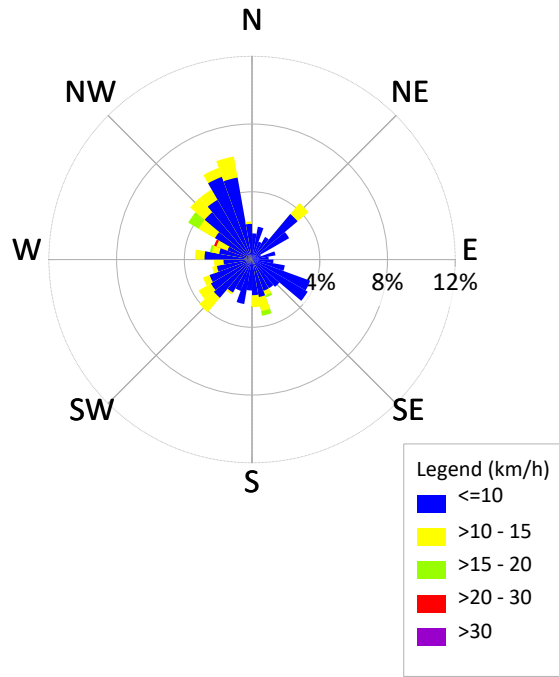
- TRS: The analyzer showed a high span drift after the monthly calibration was completed on June 12 due to high station temperatures. An additional zero/span check was initiated on June 13 at hour 9 to verify the span system response. The span result passed the span check requirements.
- Station temperature (ST): High station temperature was recorded during the time the monthly calibration was performed on June 12 (hourly max 30.8 °C). It was likely due to extra heat produced from the calibration gear. A station thermostat was adjusted on June 12 during hour 18 to maintain the station temperature range to around 23 °C.

VOC Canister Sampling Program:

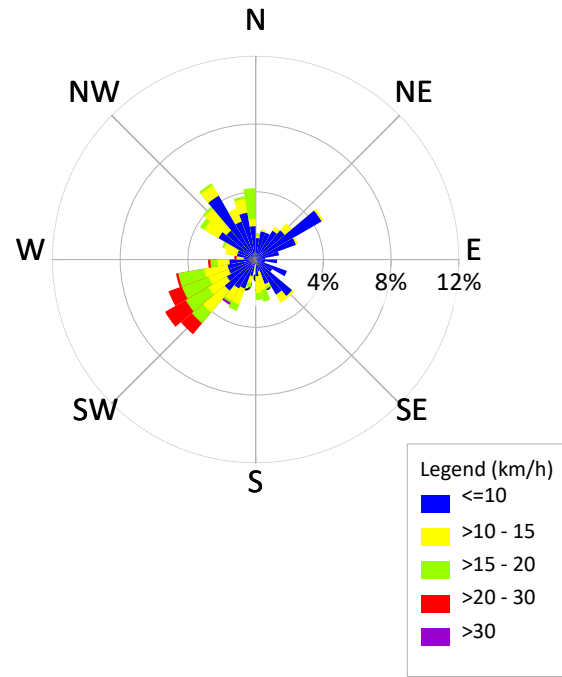
- One CH4-triggered event was recorded in June. The canister sample was collected at the 986 station on June 14 at 01:10, at concentration of 7.75ppm.
- The blank sample that was collected at the 986 station on June 14 shows evidence of contamination. The results are not indicative of ambient concentrations. PRAMP uses blank samples to support improvement of sample handling and standard operating procedures

June 2019: Continuous Monitoring Program

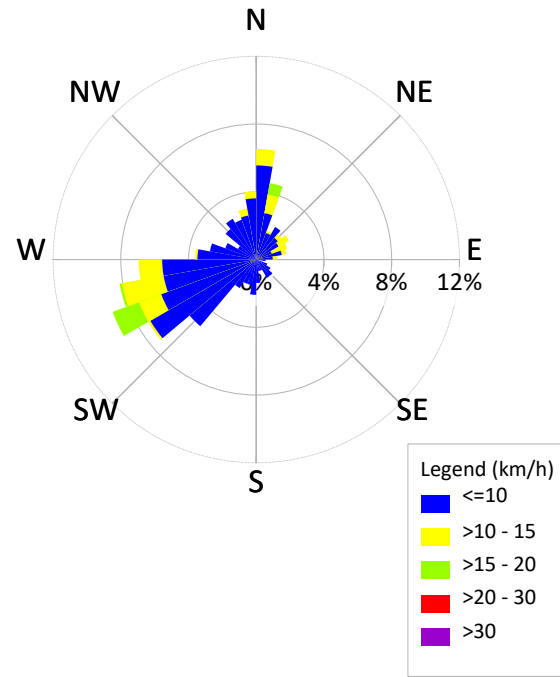
Station 986b



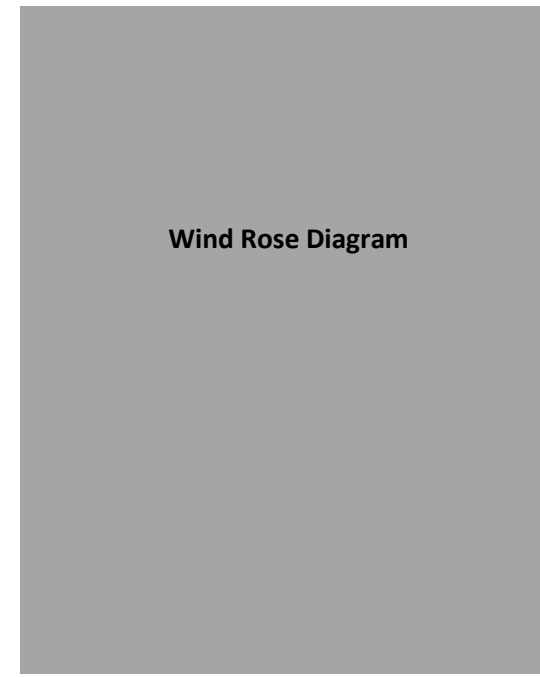
Station 842b



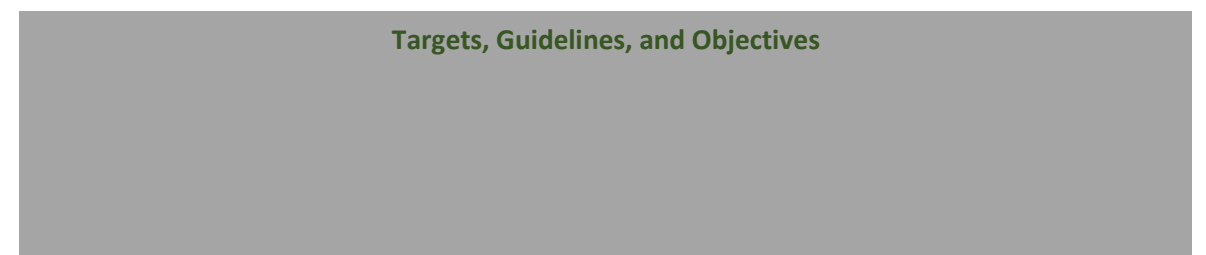
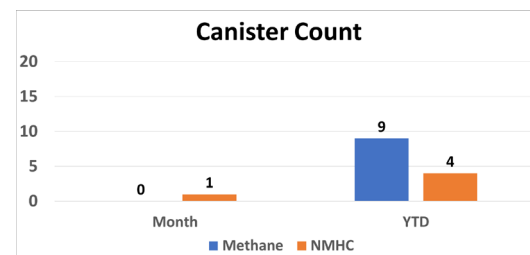
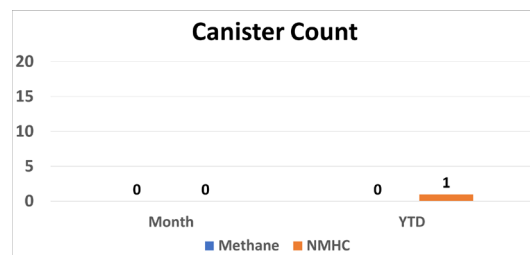
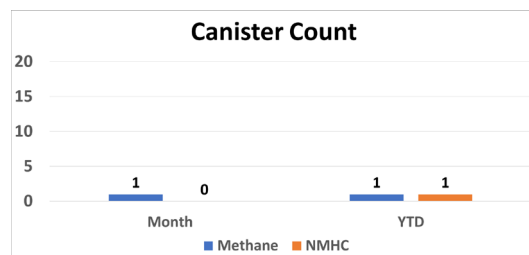
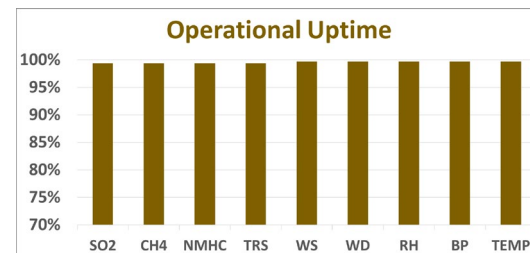
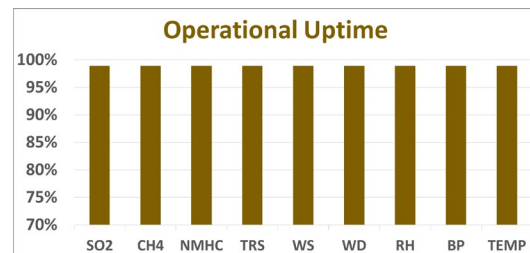
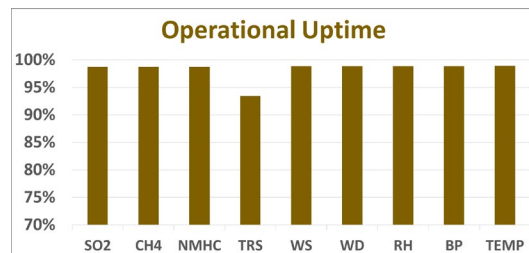
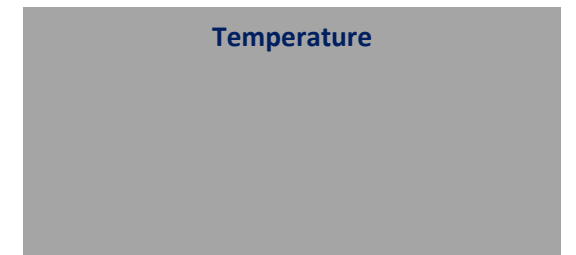
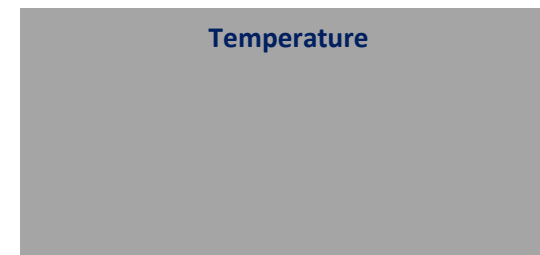
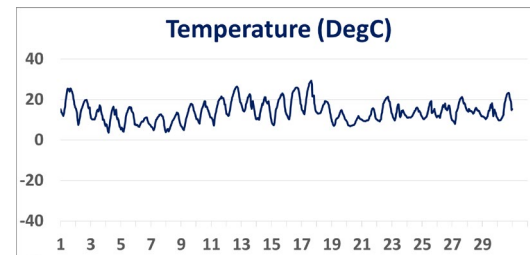
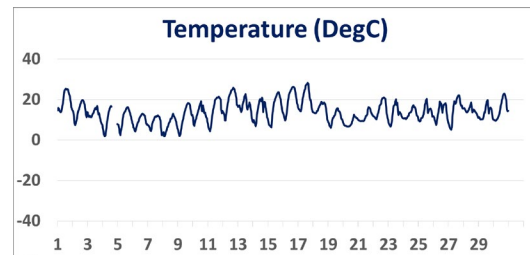
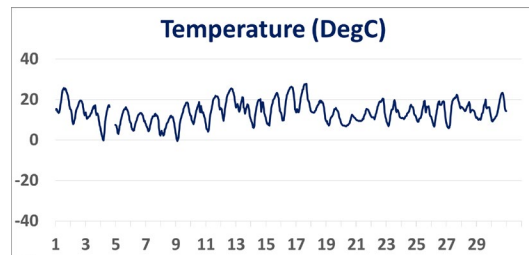
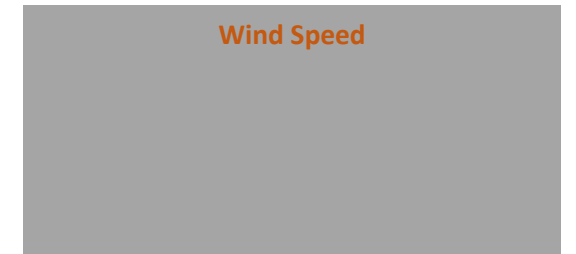
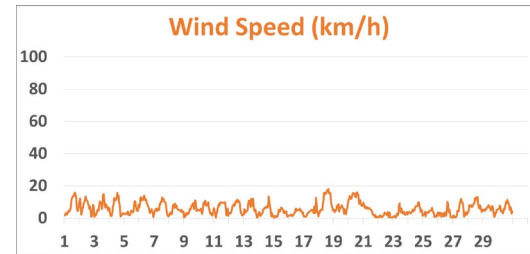
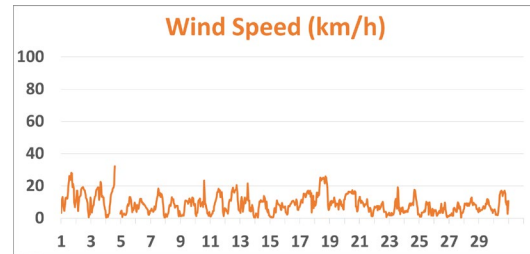
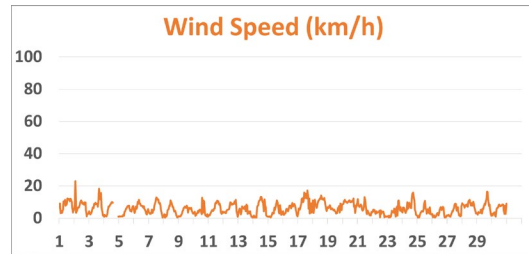
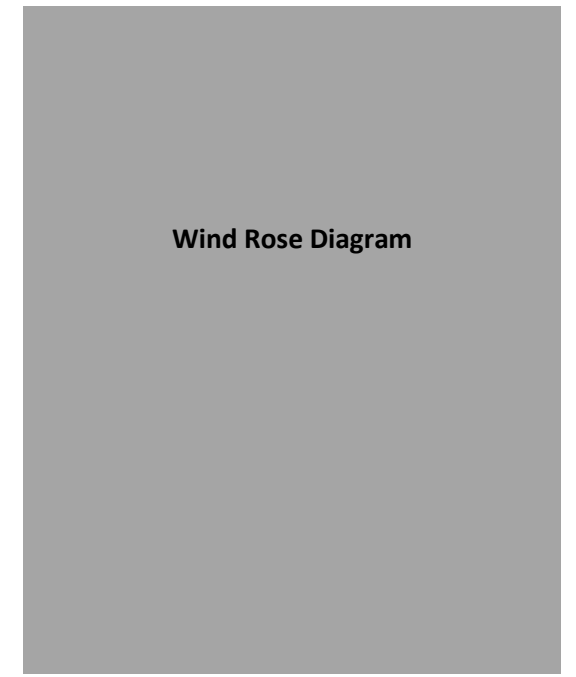
Reno Station



PRC Station (coming soon)



AQHI Station (coming soon)



Targets, Guidelines, and Objectives