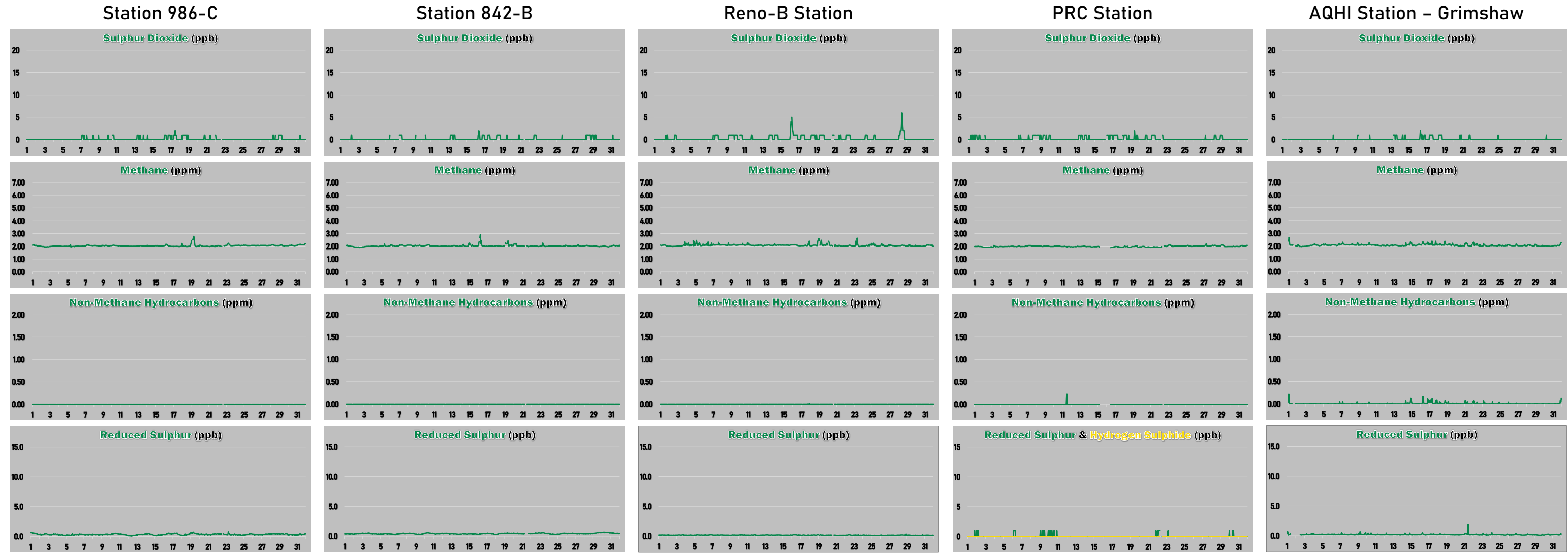


# March 2023: Active Monitoring Program



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

### 986-C Station

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable. On March 2, the faulty RH/AT probe was replaced.

### 842-B Station

- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

### Reno-B Station

- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

### PRC Station

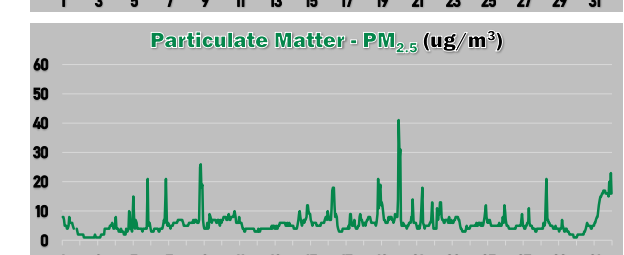
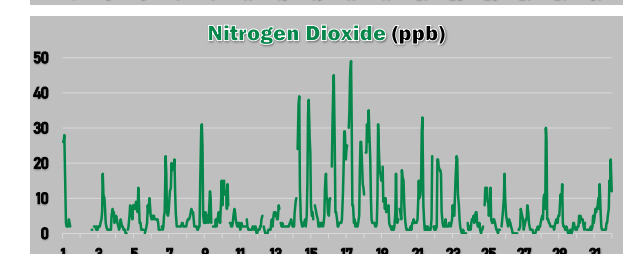
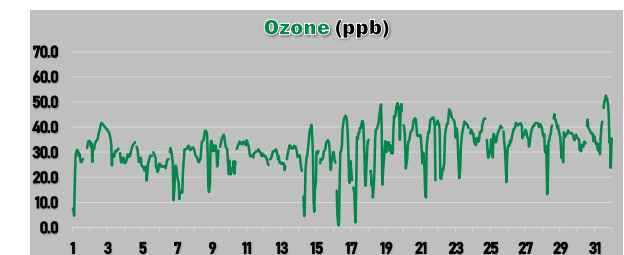
- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

### AQHI Station - Grimshaw

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable. The TRS analyzers failed after a successful as-found points check on March 1. A replacement analyzer was installed on March 2. Twenty-one hours of downtime were recorded due to this event.

### NMHCs Canister Sampling Program

- No canisters were collected.



# March 2023: Active Monitoring Program

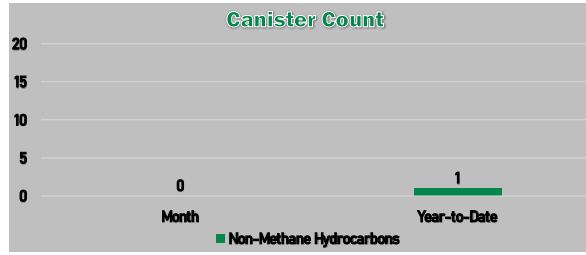
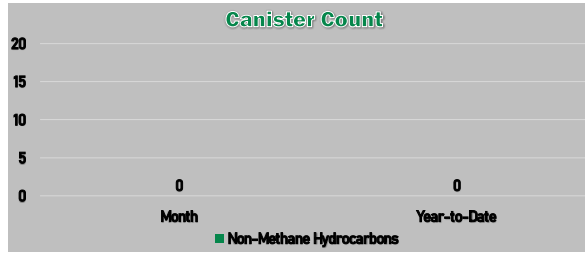
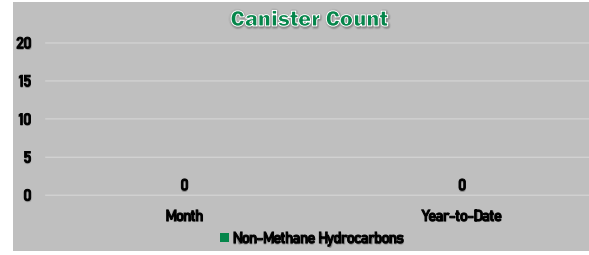
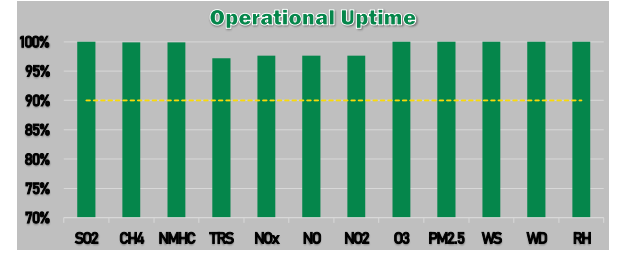
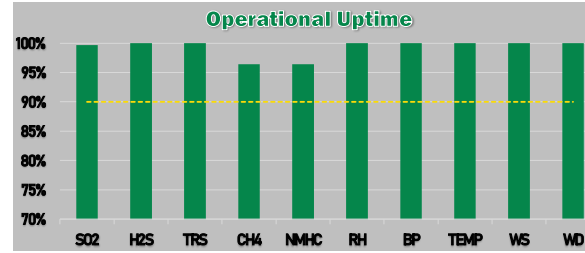
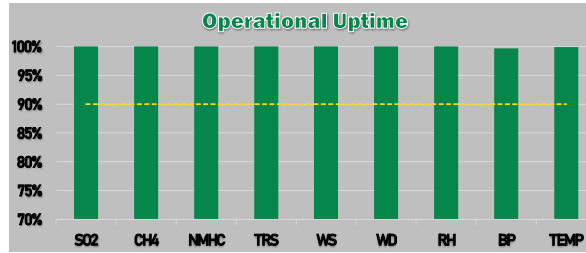
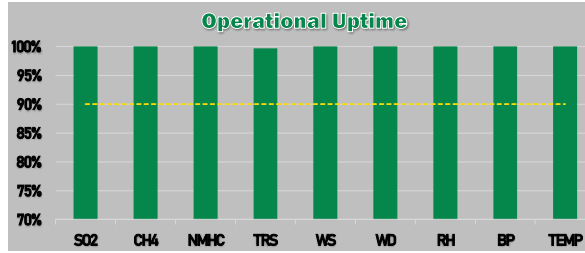
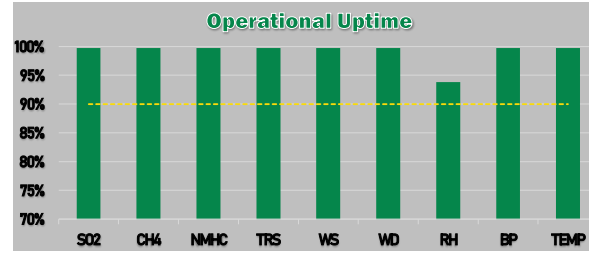
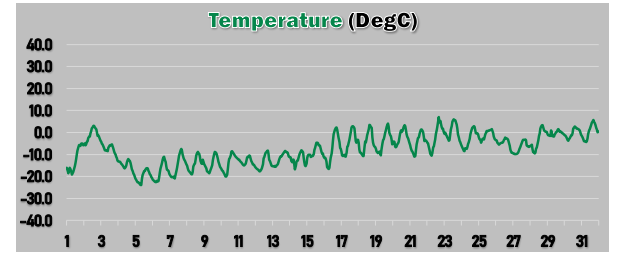
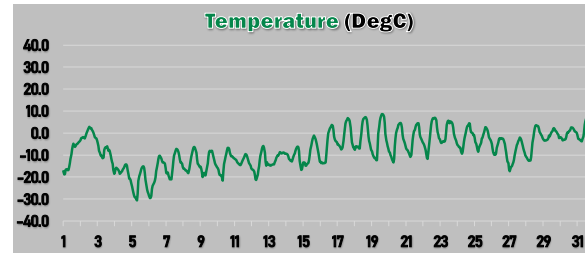
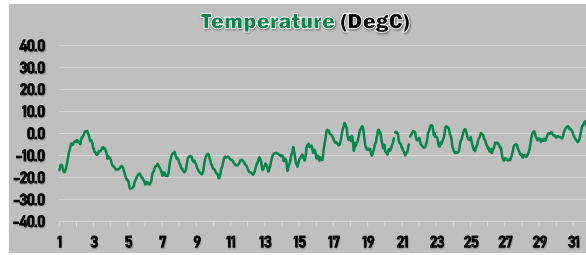
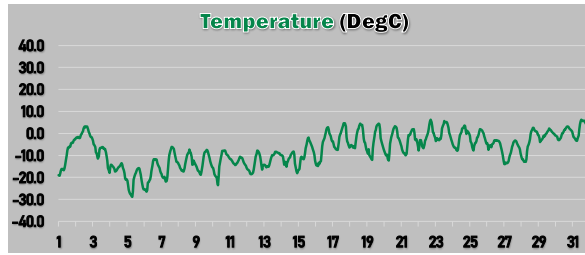
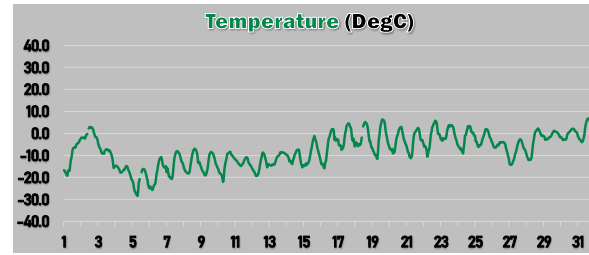
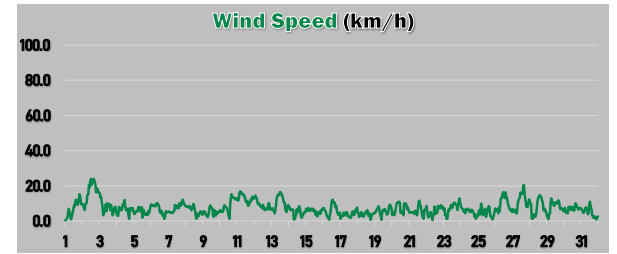
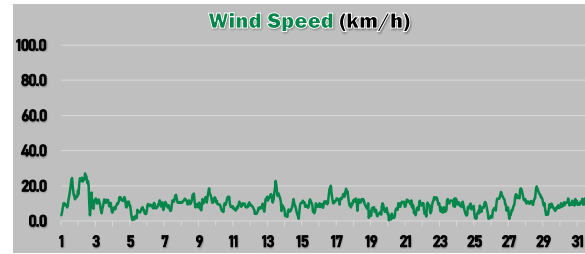
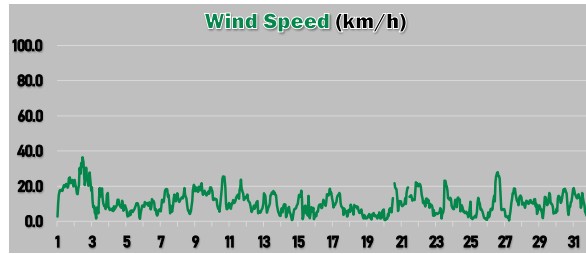
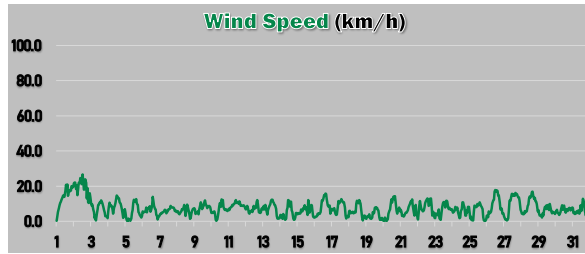
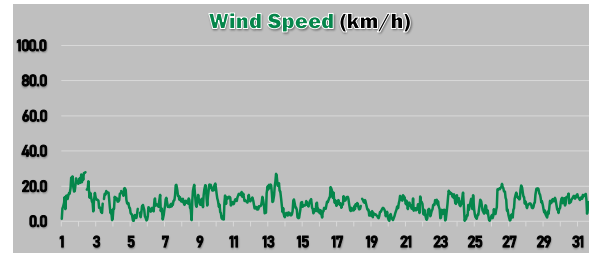
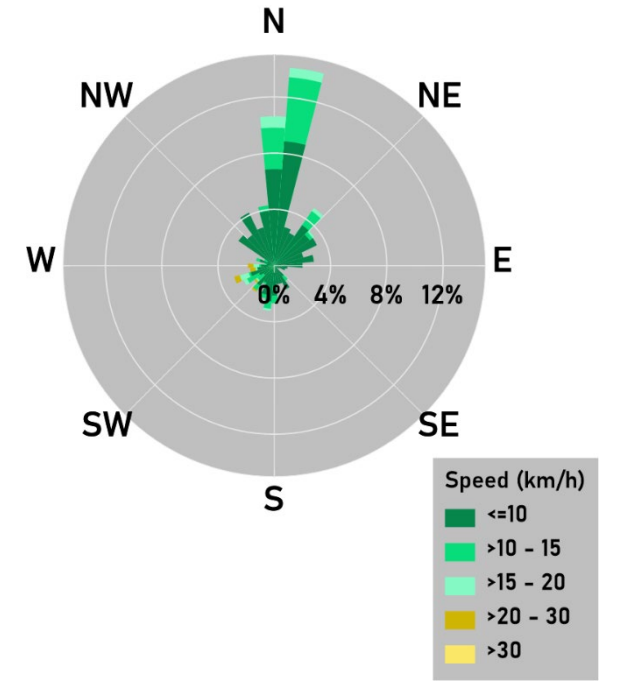
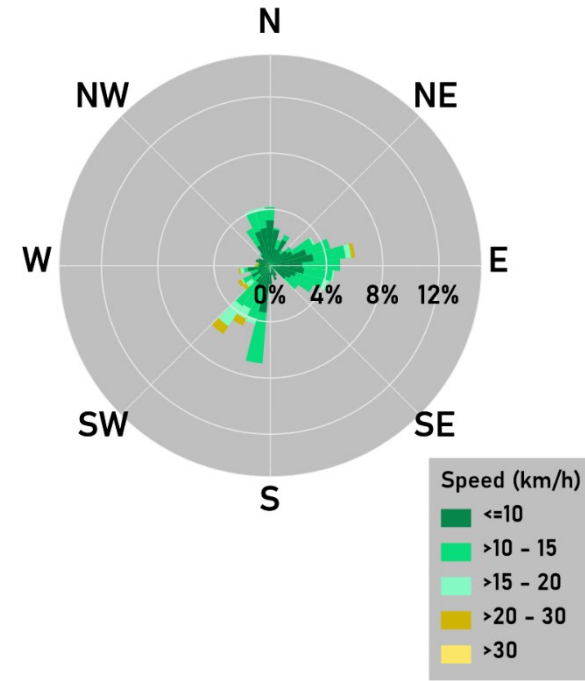
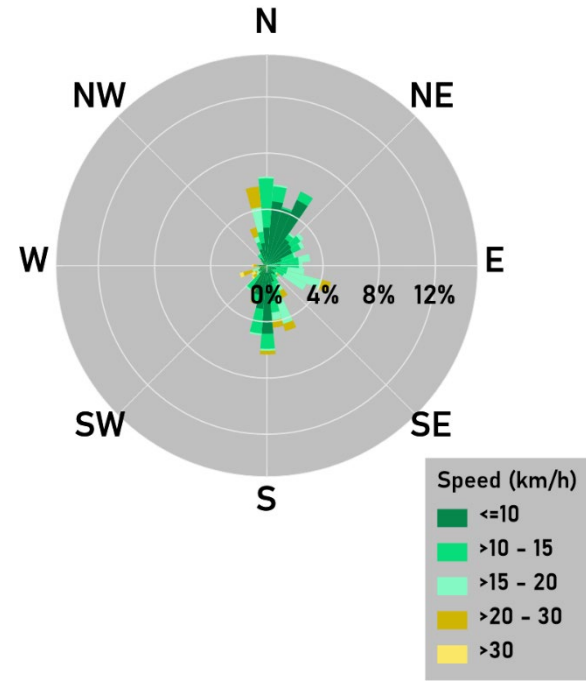
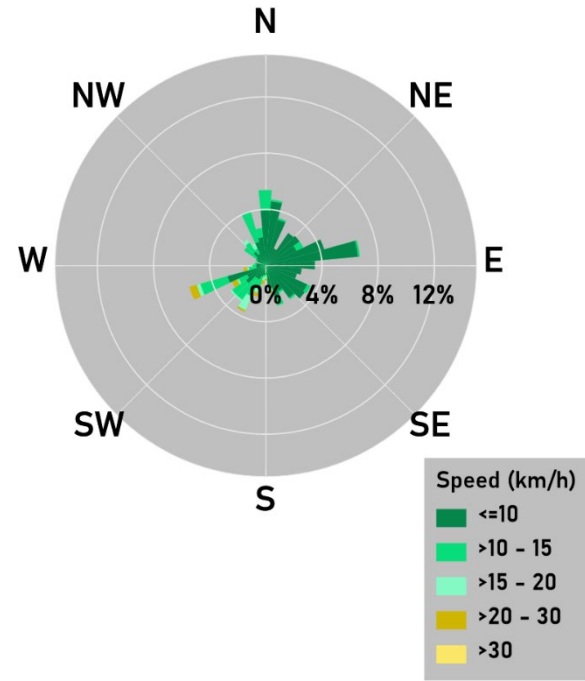
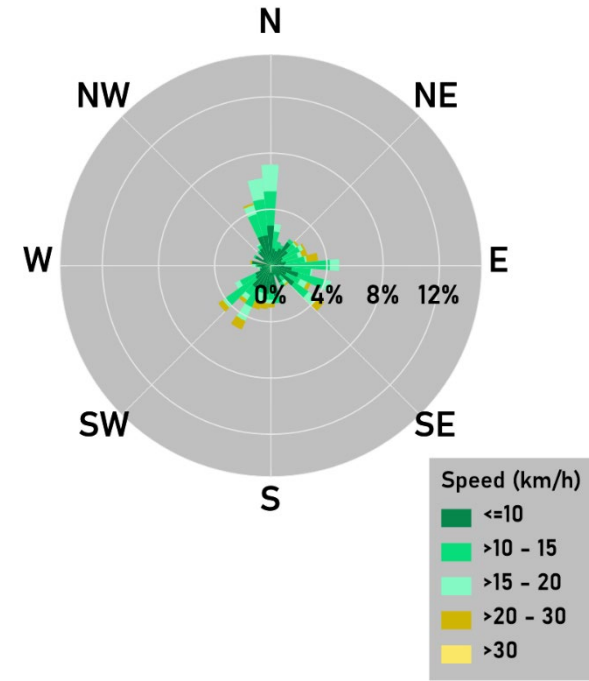
Station 986-C

Station 842-B

Reno-B Station

PRC Station

AQHI Station - Grimshaw



**Targets, Guidelines, and Objectives**  
 Sulphur Dioxide 1h AAAQO = 172 ppb  
 Ozone 1h AAAQO = 76 ppb  
 Particulate Matter (PM<sub>2.5</sub>) 1h AAAQG = 80 ug/m<sup>3</sup>  
 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

