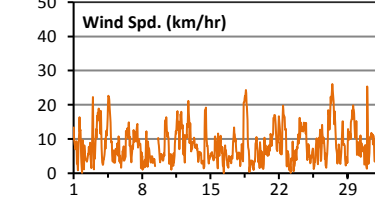
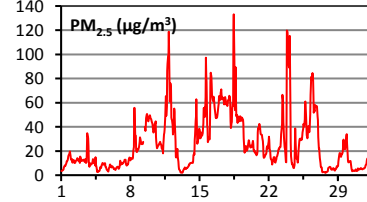
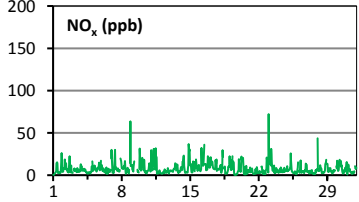
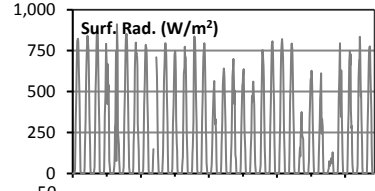
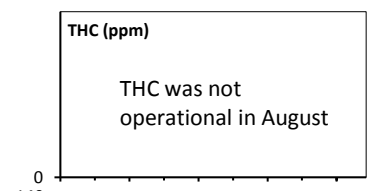
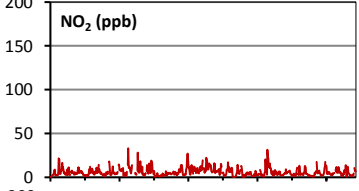
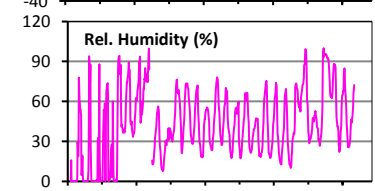
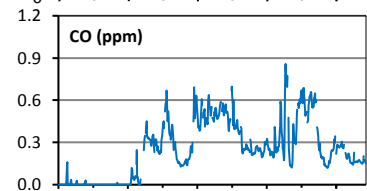
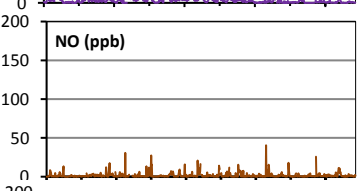
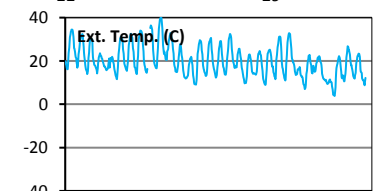
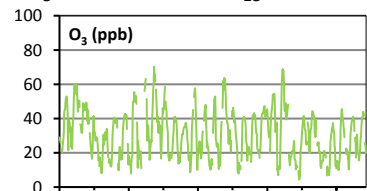
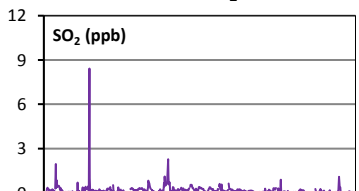
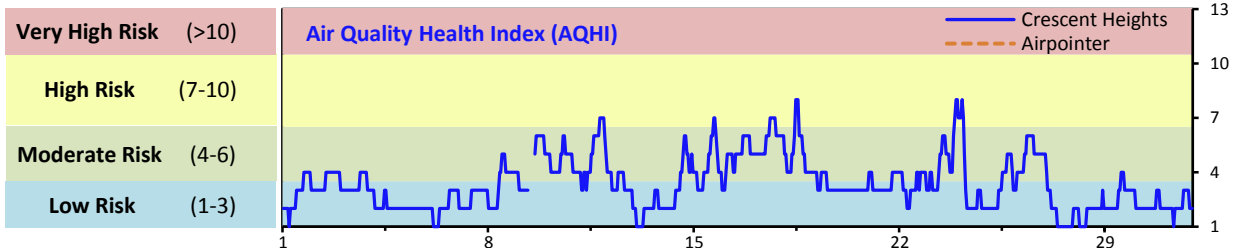


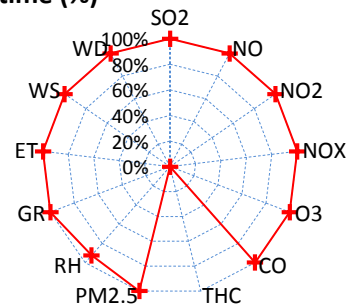
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Continuous Sampling Results - Crescent Heights Station

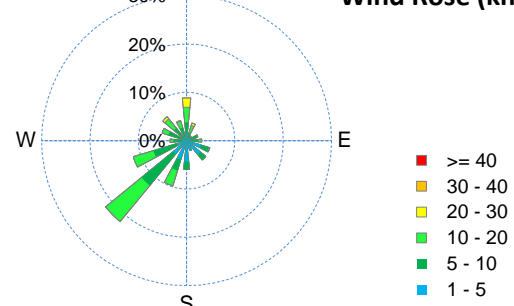
| Pollutants | Month Records | | | 24-Hour Records | | | | 1-Hour Records | | | | |
|-------------------|-------------------|-----------|------------|-----------------|---------|------|-----------------|----------------|--------------|------|-----------------|------------|
| | Name | Conc Unit | Avg. Conc. | Uptime | Maximum | | AAAQO Objective | Exceed No. | Maximum | | AAAQO Objective | Exceed No. |
| | | | | | Conc | Time | | | Conc | Time | | |
| SO ₂ | ppb | < 1 | 100.0% | 1 | Aug-5 | 48 | 0 | 8 | Aug-05 13:00 | 172 | 0 | |
| NO | ppb | 1.8 | 100.0% | 4.5 | Aug-23 | - | - | 40.5 | Aug-23 1:00 | - | - | |
| NO ₂ | ppb | 6.0 | 100.0% | 10.6 | Aug-16 | - | - | 33.2 | Aug-08 22:00 | 159 | 0 | |
| NO _x | ppb | 7.8 | 100.0% | 14.5 | Aug-16 | - | - | 72.2 | Aug-23 1:00 | - | - | |
| O ₃ | ppb | 31 | 100.0% | 46 | Aug-2 | - | - | 70 | Aug-10 14:00 | 82 | 0 | |
| CO | ppm | 0.3 | 100.0% | 0.6 | Aug-25 | - | - | 0.9 | Aug-23 22:00 | 13 | 0 | |
| THC | ppm | - | - | - | - | - | - | - | - | - | - | |
| PM _{2.5} | µg/m ³ | 27 | 100.0% | 62 | Aug-17 | 30 | 13 | 133 | Aug-18 12:00 | 80 | 25 | |



Instrument Uptime (%)

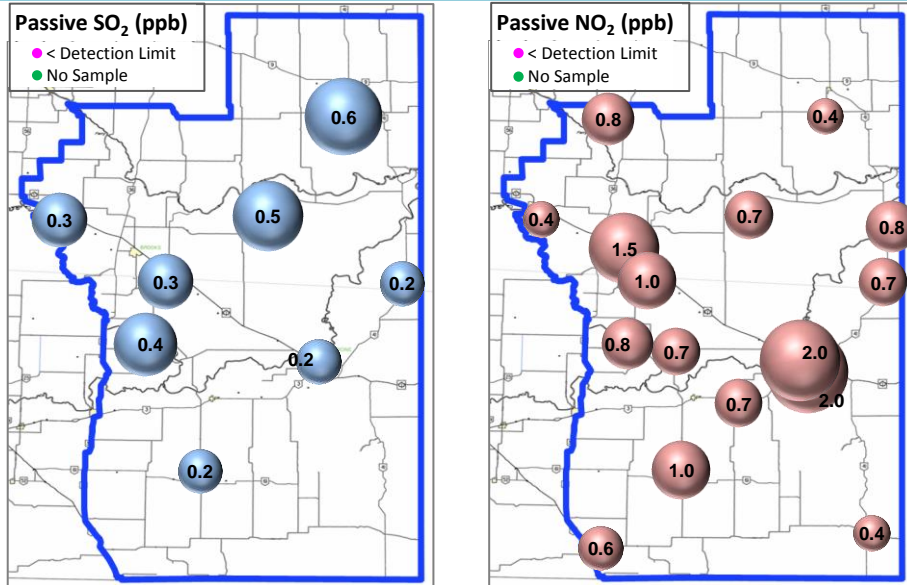


Wind Rose (km/hr)



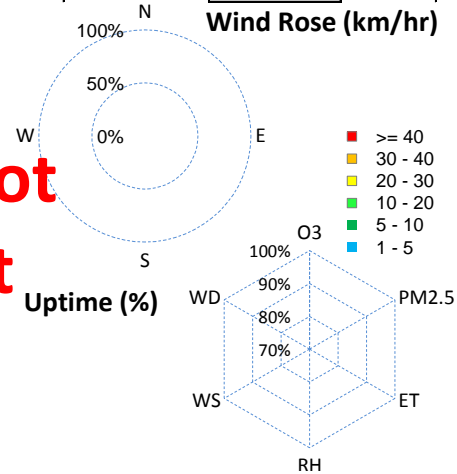
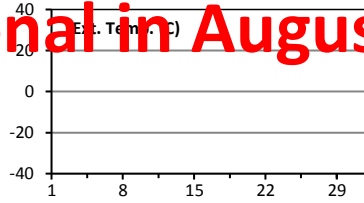
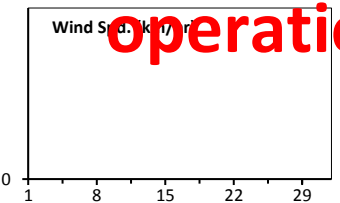
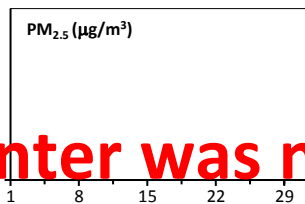
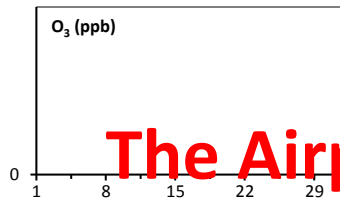
Palliser Airshed Society - August 2018 Summary Report

Passive Sampling Results

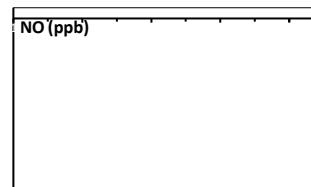
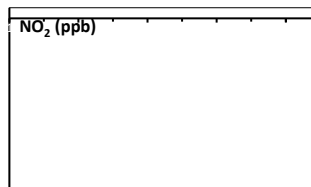
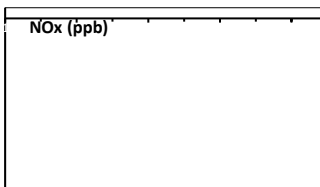


Continuous Sampling Results - Medicine Hat Trap Club

| Pollutants | Conc Unit | Month Records | | 24-Hour Records | | | | 1-Hour Records | | | |
|-------------------|-------------------|---------------|--------|-----------------|--------------|-----------------|------------|----------------|--------------|-----------------|------------|
| | | Avg. Conc. | Uptime | Maximum Conc | Maximum Time | AAAQO Objective | Exceed No. | Maximum Conc | Maximum Time | AAAQO Objective | Exceed No. |
| NO | ppb | - | 0.0% | - | #N/A | - | - | - | - | - | - |
| NO ₂ | ppb | - | 0.0% | - | #N/A | - | - | - | - | 159 | 0 |
| NO _x | ppb | - | 0.0% | - | #N/A | - | - | - | - | - | - |
| O ₃ | ppb | - | 0.0% | - | #N/A | - | - | - | - | 82 | 0 |
| PM _{2.5} | ug/m ³ | - | 0.0% | - | #N/A | 30 | 0 | - | - | 80 | 0 |



The Airpointer was not operational in August



Monthly Update

- *All data has been validated; data may change after validation process.
- *The measured ambient concentrations of all parameters are within the AAAQO with the exception of thirteen 24-hour and twenty-five 1-hour PM 2.5 exceedances at the Crescent Heights station for the month of August attributed to wildfires in the area.
- *All compliance parameters are greater than 90% operational, with the exception of the THC analyzer which was not operational during the month of August.
- * The Airpointer station was not operational in August.