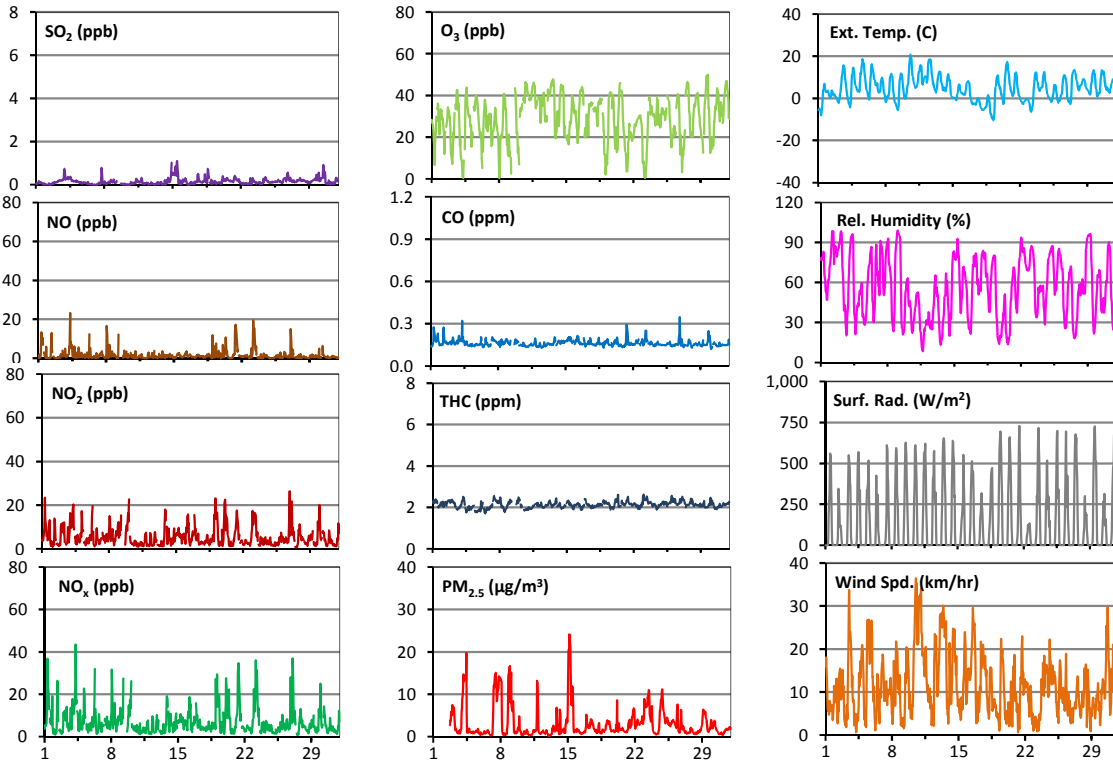
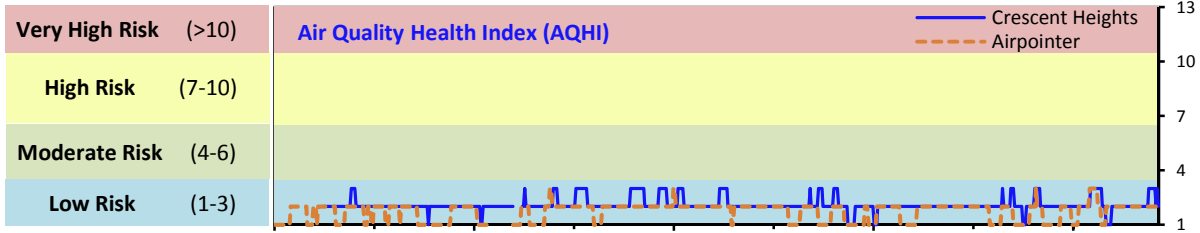


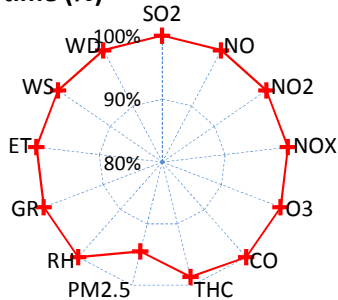
Palliser Airshed Society - March 2016 Summary Report

Continuous Sampling Results - Crescent Heights Station

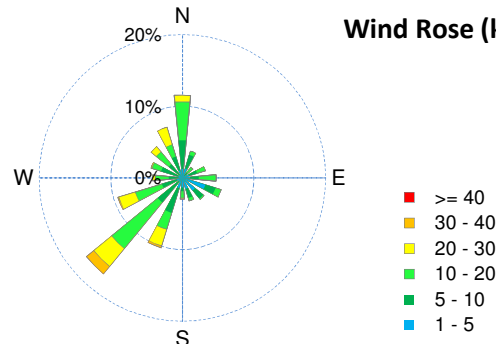
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO ₂	ppb	< 1	100.0%	< 1	Mar-15	48	0	1	Mar-15 12:00	172	0		
NO	ppb	1.6	100.0%	4.7	Mar-23	-	-	23.2	Mar-04 7:00	-	-		
NO ₂	ppb	5.4	100.0%	8.1	Mar-19	-	-	26.4	Mar-26 21:00	159	0		
NO _x	ppb	7.0	100.0%	12.7	Mar-23	-	-	43.5	Mar-04 7:00	-	-		
O ₃	ppb	29	100.0%	40	Mar-11	-	-	50	Mar-29 18:00	82	0		
CO	ppm	0.2	100.0%	0.2	Mar-15	-	-	0.3	Mar-26 21:00	13	0		
THC	ppm	2.1	98.7%	2.3	Mar-23	-	-	2.6	Mar-20 9:00	-	-		
PM _{2.5}	µg/m ³	3	94.5%	10	Mar-7	30	0	24	Mar-15 5:00	-	-		



Instrument Uptime (%)

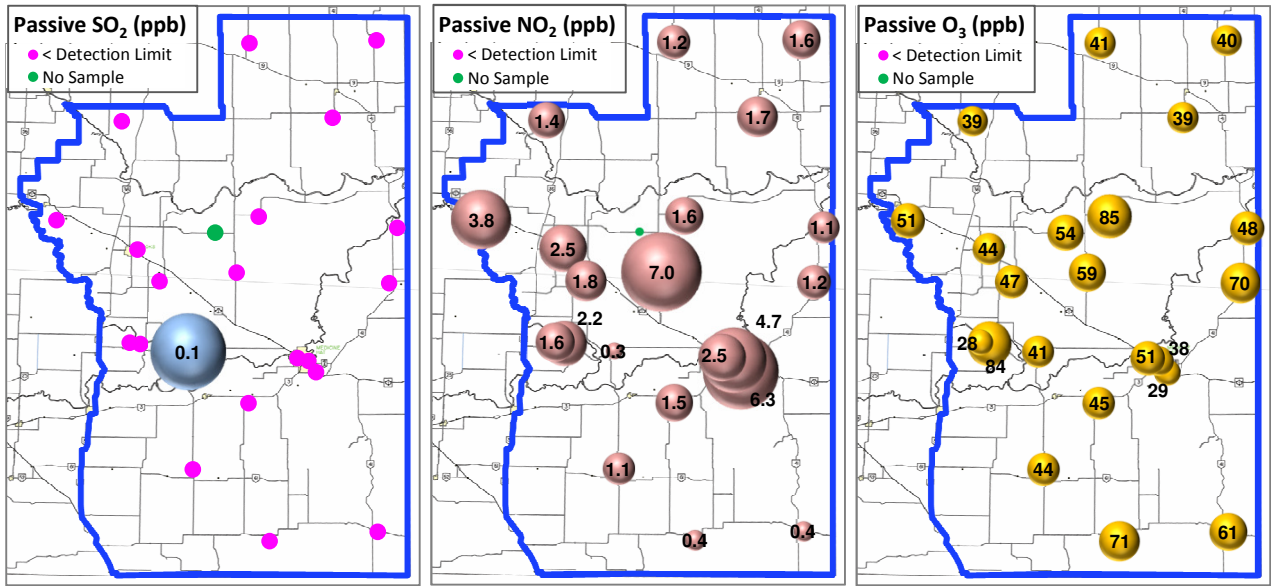


Wind Rose (km/hr)



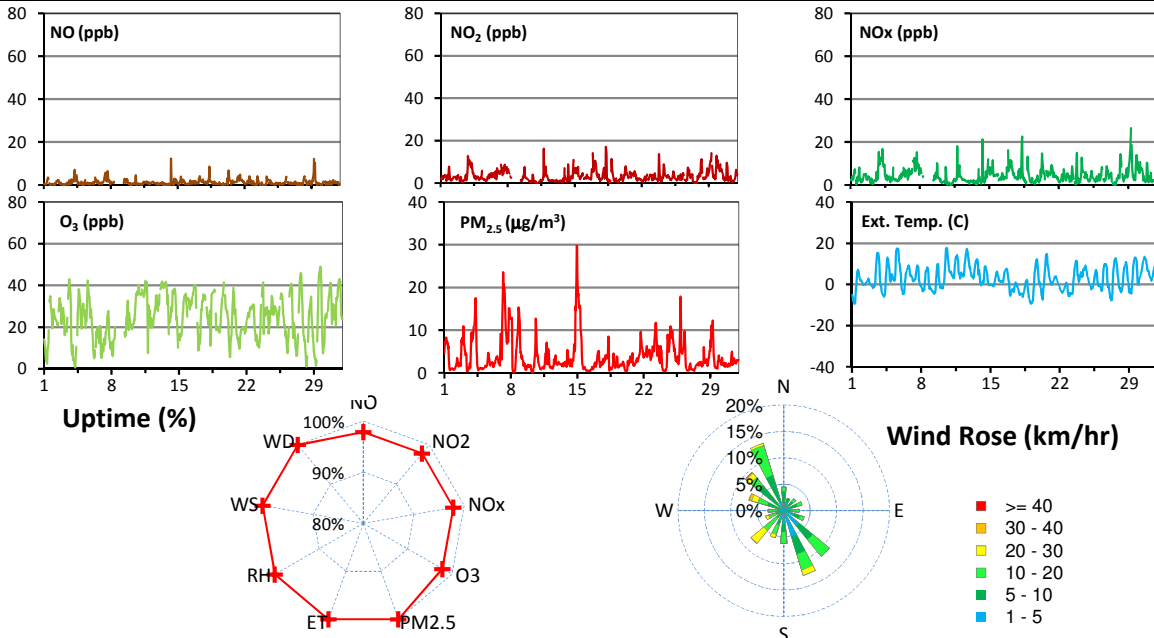
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Passive Sampling Results



Continuous Sampling Results - Brooks Station

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAQO	Exceed	Maximum		AAQO	Exceed
				Conc	Time	Objective	No.	Conc	Time	Objective	No.
NO	ppb	1.2	97.8%	2.3	Mar-7	-	-	12.4	Mar-14 8:00	-	-
NO ₂	ppb	3.2	97.8%	6.9	Mar-29	-	-	17.1	Mar-18 7:00	159	0
NO _x	ppb	4.4	97.8%	9.1	Mar-29	-	-	26.5	Mar-29 7:00	-	-
O ₃	ppb	25	97.8%	38	Mar-13	-	-	49	Mar-29 17:00	82	0
PM _{2.5}	ug/m3	4	100.0%	13	Mar-7	30	0	30	Mar-14 23:00	-	-



Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*The measured ambient concentrations of all parameters are within the AAAQO.

*All compliance parameters are above 90% operational. 41 hours of PM_{2.5} data at CH are flagged as "analyzer failure" due to a pump failure. 16 hours of NO_x/O₃ data after the calibration at the Brooks station is flagged as "maintenance". The airpointer failed to switch back to sample mode after the calibration, it was remotely switched over the following morning.