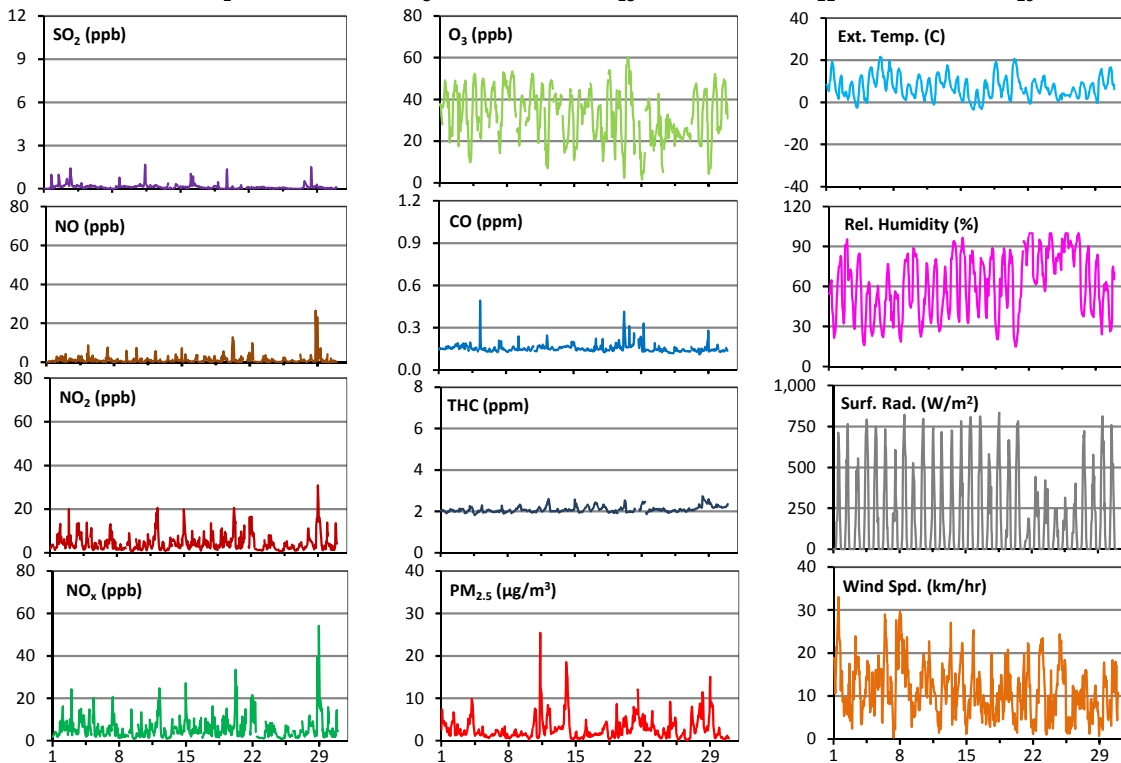
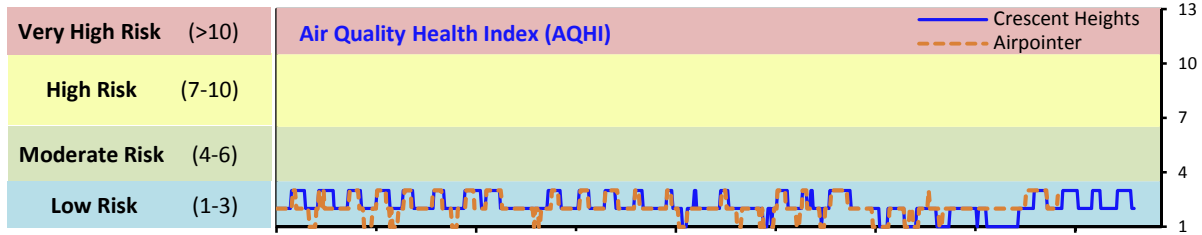


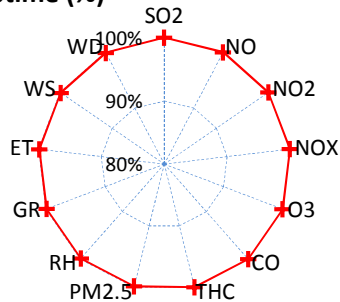
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Continuous Sampling Results - Crescent Heights Station

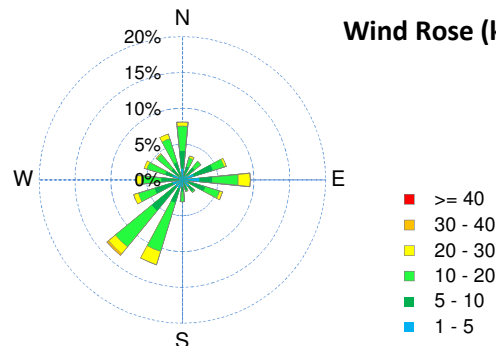
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO ₂	ppb	< 1	100.0%	< 1	Apr-3	48	0	2	Apr-11 9:00	172	0		
NO	ppb	1.1	100.0%	3.6	Apr-28	-	-	26.5	Apr-28 20:00	-	-		
NO ₂	ppb	4.4	100.0%	7.3	Apr-28	-	-	30.9	Apr-29 0:00	159	0		
NO _x	ppb	5.5	100.0%	11.0	Apr-28	-	-	54.2	Apr-29 0:00	-	-		
O ₃	ppb	33	100.0%	45	Apr-8	-	-	60	Apr-20 16:00	82	0		
CO	ppm	0.2	100.0%	0.2	Apr-20	-	-	0.5	Apr-05 8:00	13	0		
THC	ppm	2.1	100.0%	2.4	Apr-28	-	-	2.7	Apr-28 9:00	-	-		
PM _{2.5}	µg/m ³	3	99.9%	6	Apr-21	30	0	25	Apr-11 8:00	80	0		



Instrument Uptime (%)

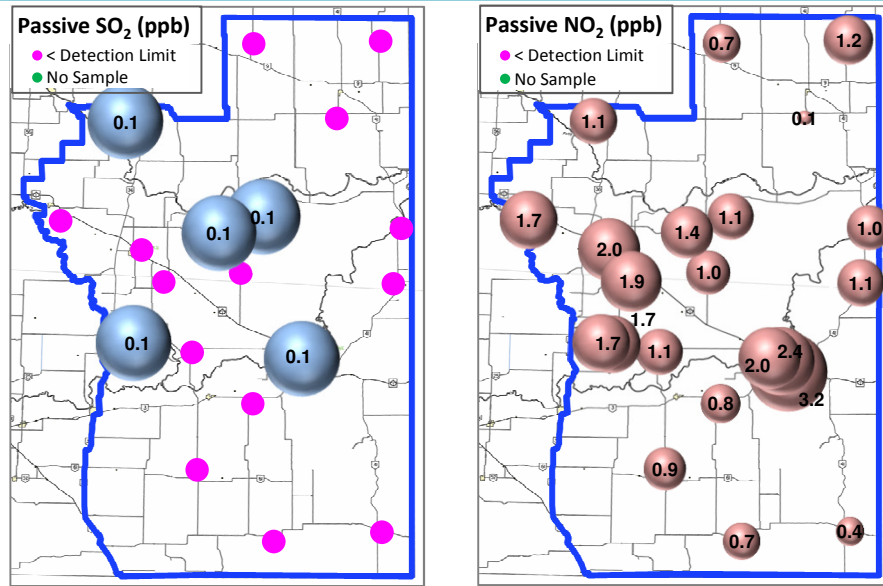


Wind Rose (km/hr)



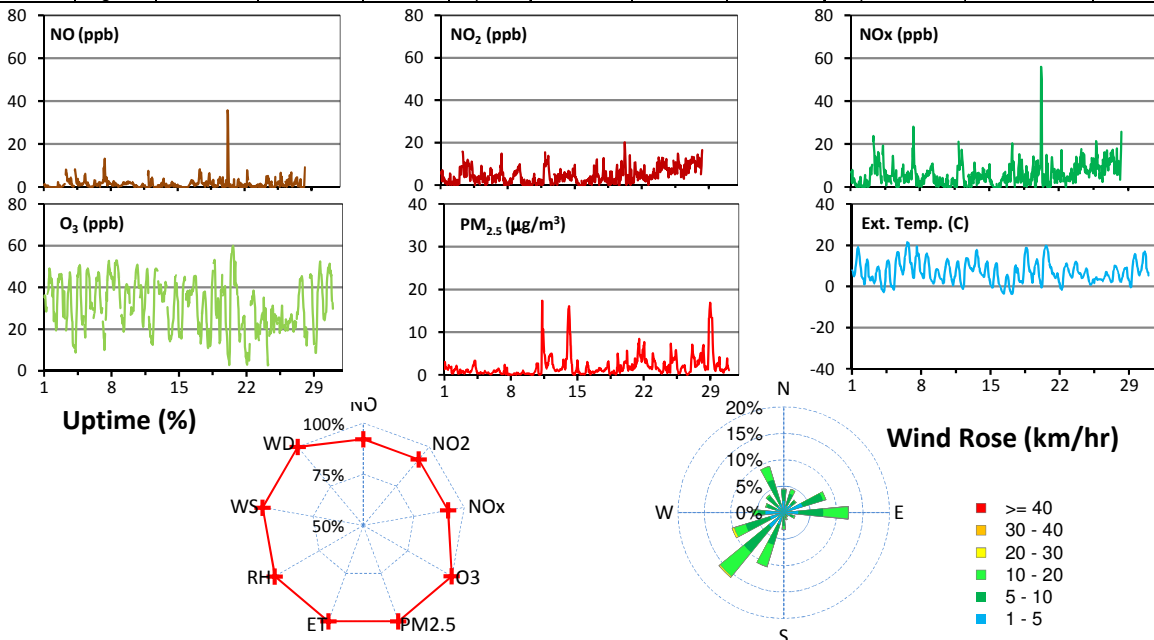
Palliser Airshed Society - April 2017 Summary Report

Passive Sampling Results



Continuous Sampling Results - Medicine Hat Airport 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		
NO	ppb	1.5	92.1%	4.1	Apr-20	-	-	35.8	Apr-20 6:00	-	-		
NO ₂	ppb	4.5	92.1%	10.2	Apr-27	-	-	20.2	Apr-20 6:00	159	0		
NO _x	ppb	6.0	92.1%	11.9	Apr-3	-	-	56.0	Apr-20 6:00	-	-		
O ₃	ppb	32	99.9%	45	Apr-8	-	-	60	Apr-20 15:00	82	0		
PM _{2.5}	ug/m3	2	100.0%	5	Apr-29	30	0	17	Apr-11 8:00	80	0		



Monthly Update

*All data has been validated; data may change after validation process.

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

*All compliance parameters are >90% operational. Data for the NO_x analyzer at the Medicine Hat Airport station was flagged as invalid following the April 28 calibration. The analyzer failed to meet AMD calibration criteria during the May routine calibration, and the data was invalidated back to the last valid calibration (April 28).