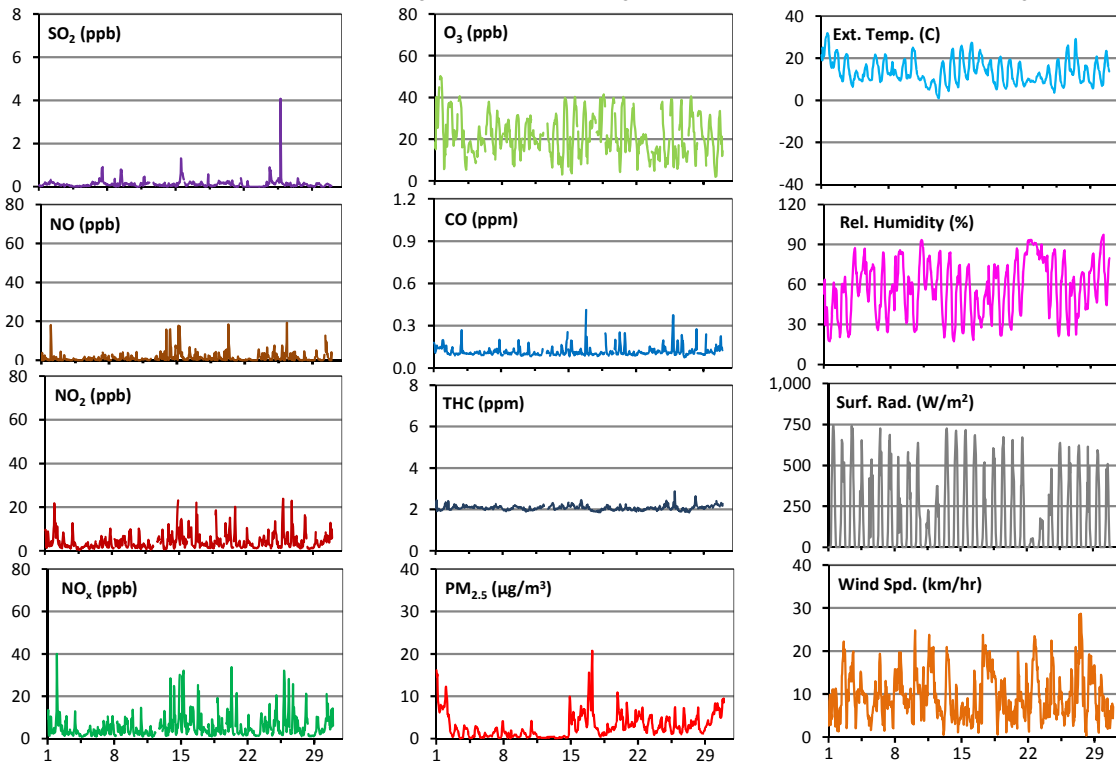
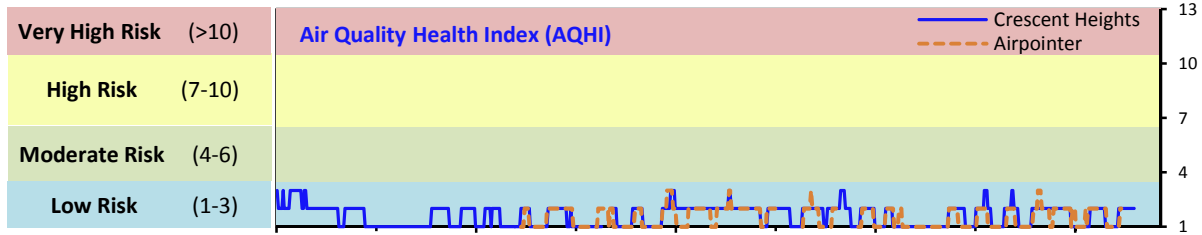


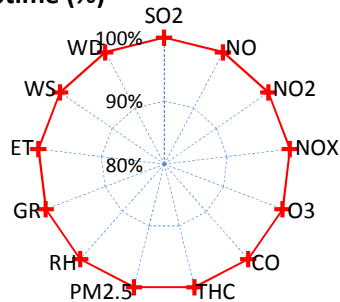
Palliser Airshed Society - September 2016 Summary Report

Continuous Sampling Results - Crescent Heights Station

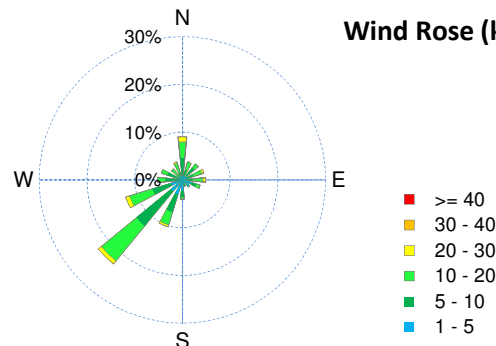
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO ₂	ppb	< 1	100.0%	< 1	Sep-25	48	0	4	Sep-25 19:00	172	0		
NO	ppb	1.3	100.0%	4.0	Sep-15	-	-	19.3	Sep-26 9:00	-	-		
NO ₂	ppb	4.2	100.0%	6.8	Sep-25	-	-	24.0	Sep-25 21:00	159	0		
NO _x	ppb	5.7	100.0%	10.6	Sep-15	-	-	40.0	Sep-02 0:00	-	-		
O ₃	ppb	22	100.0%	34	Sep-1	-	-	50	Sep-01 15:00	82	0		
CO	ppm	0.1	100.0%	0.2	Sep-1	-	-	0.4	Sep-16 20:00	13	0		
THC	ppm	2.1	100.0%	2.2	Sep-30	-	-	2.9	Sep-26 0:00	-	-		
PM _{2.5}	µg/m ³	3	100.0%	9	Sep-1	30	0	21	Sep-17 6:00	-	-		



Instrument Uptime (%)

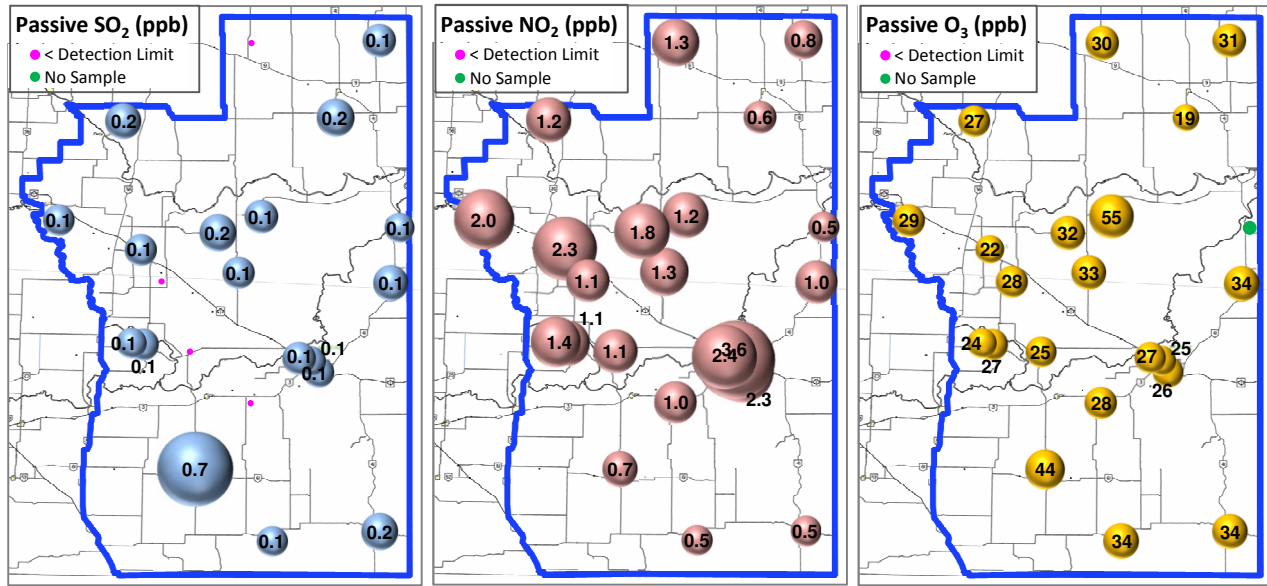


Wind Rose (km/hr)



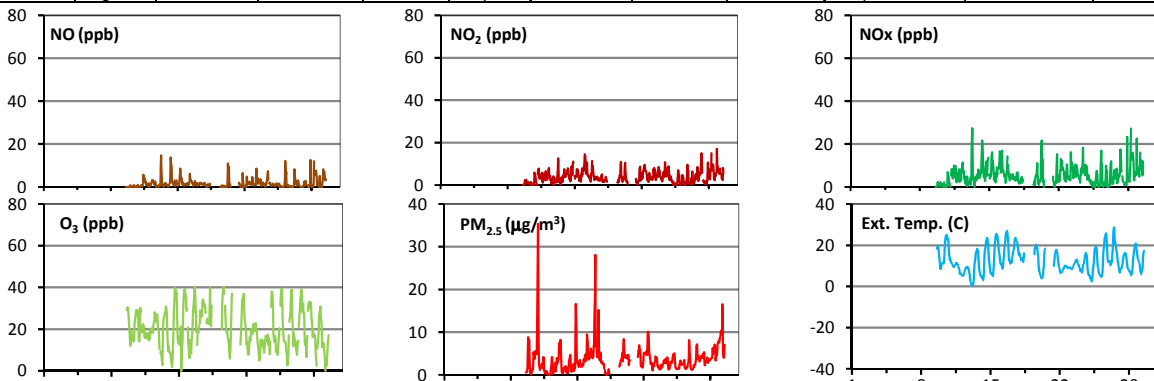
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Passive Sampling Results

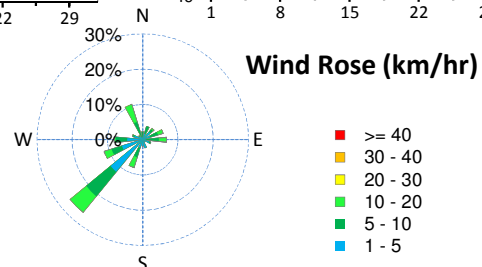
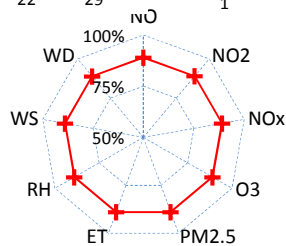


Continuous Sampling Results - Medicine Hat Airport Station

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	1.7	89.0%	3.1	Sep-14	-	-	14.7	Sep-13 7:00	-	-
NO ₂	ppb	3.9	89.0%	6.6	Sep-29	-	-	17.1	Sep-29 21:00	159	0
NO _x	ppb	5.6	89.0%	9.4	Sep-29	-	-	27.5	Sep-13 7:00	-	-
O ₃	ppb	20	89.0%	27	Sep-17	-	-	40	Sep-19 16:00	82	0
PM _{2.5}	ug/m3	4	88.9%	7	Sep-16	30	0	35	Sep-10 21:00	-	-



Uptime (%)



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 at Crescent Heights are >90% operational. The Brooks station was decommissioned Sept 1, and the Medicine Hat Airport station began operations on Sept 9. The MH Airport station was <90% operational in Sept due to power issues.