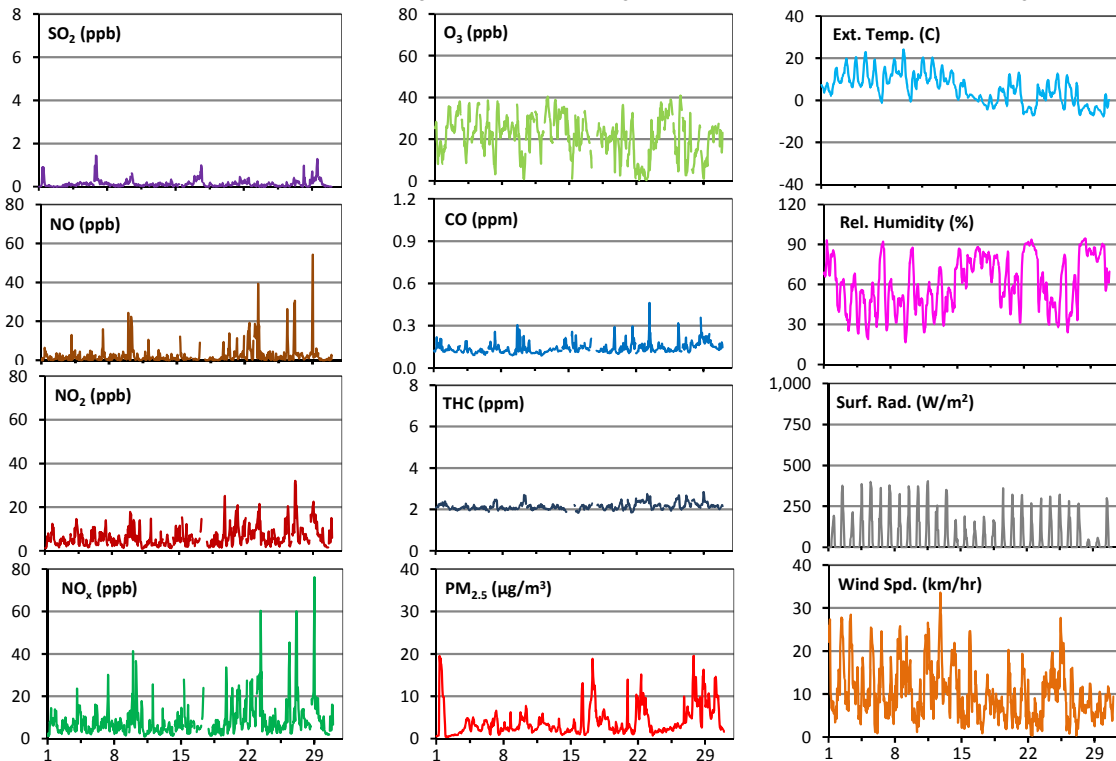
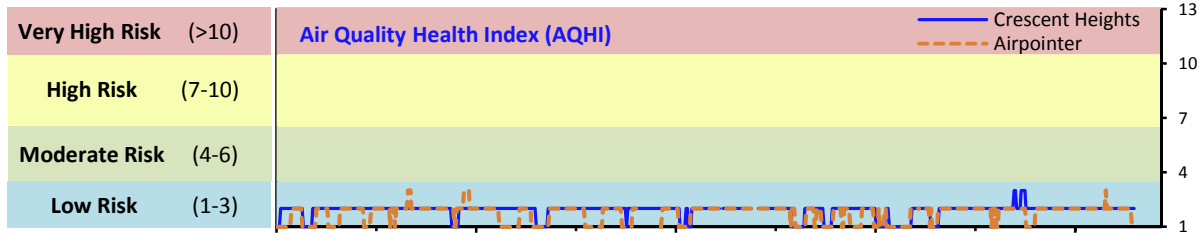


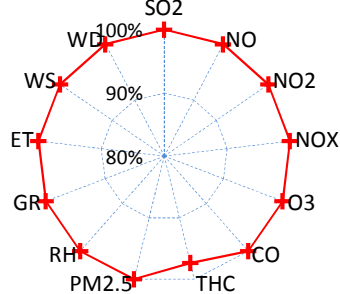
Palliser Airshed Society - November 2016 Summary Report

Continuous Sampling Results - Crescent Heights Station

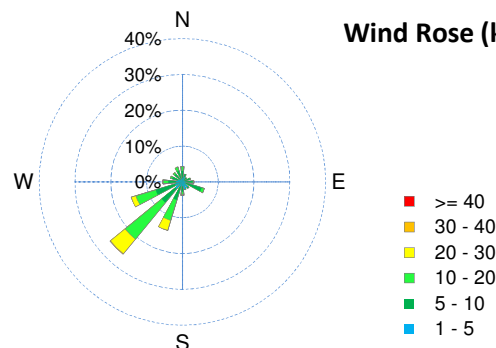
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO ₂	ppb	< 1	100.0%	< 1	Nov-29	48	0	1	Nov-06 21:00	172	0		
NO	ppb	2.3	100.0%	9.3	Nov-23	-	-	54.3	Nov-29 1:00	-	-		
NO ₂	ppb	6.3	100.0%	12.5	Nov-27	-	-	32.1	Nov-27 4:00	159	0		
NO _x	ppb	8.6	100.0%	19.4	Nov-23	-	-	76.2	Nov-29 1:00	-	-		
O ₃	ppb	22	100.0%	33	Nov-25	-	-	41	Nov-26 15:00	82	0		
CO	ppm	0.1	100.0%	0.2	Nov-28	-	-	0.5	Nov-23 10:00	13	0		
THC	ppm	2.1	97.4%	2.4	Nov-22	-	-	2.8	Nov-29 0:00	-	-		
PM _{2.5}	µg/m ³	4	100.0%	9	Nov-28	30	0	20	Nov-27 20:00	80	0		



Instrument Uptime (%)

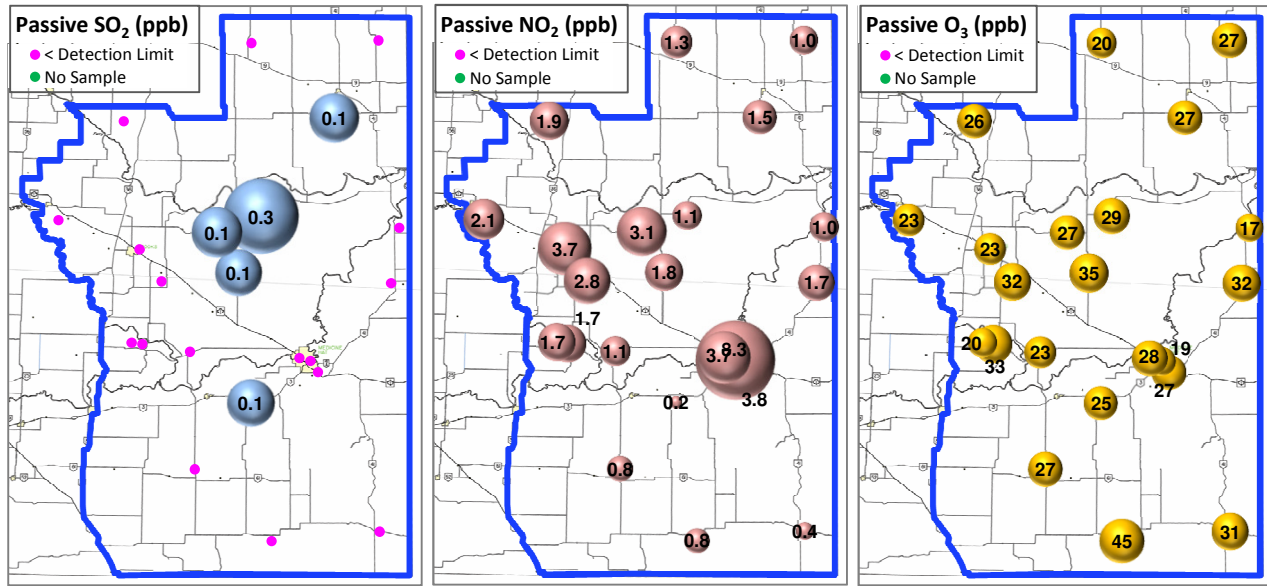


Wind Rose (km/hr)



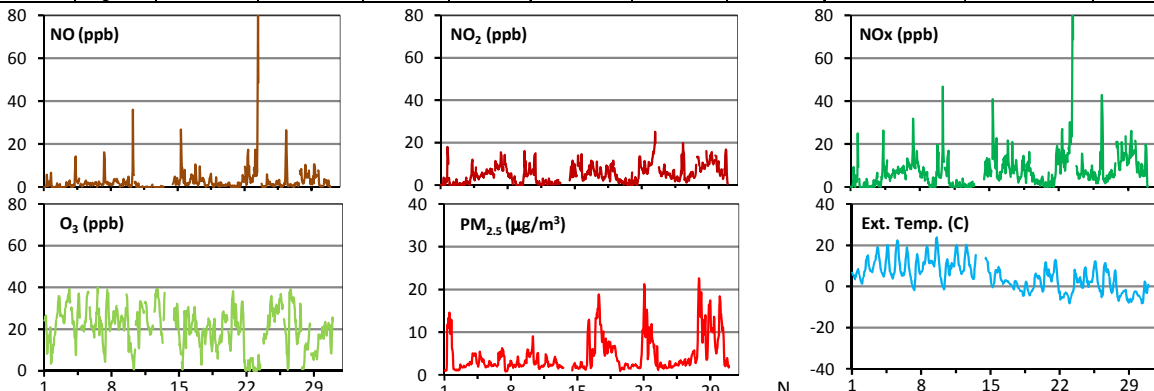
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Passive Sampling Results

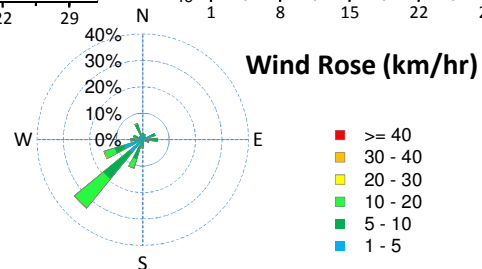
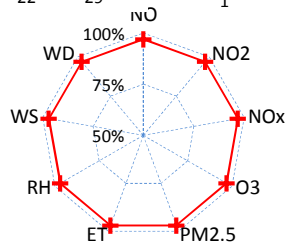


Continuous Sampling Results - Medicine Hat Airport Station

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAQO	Exceed	Maximum		AAQO	Exceed
				Conc	Time	Objective	No.	Conc	Time	Objective	No.
NO	ppb	2.4	96.9%	5.5	Nov-22	-	-	80.6	Nov-23 10:00	-	-
NO ₂	ppb	5.2	96.9%	11.3	Nov-29	-	-	25.1	Nov-23 10:00	159	0
NO _x	ppb	7.6	96.9%	15.5	Nov-29	-	-	106.4	Nov-23 10:00	-	-
O ₃	ppb	21	96.9%	31	Nov-3	-	-	40	Nov-06 14:00	82	0
PM _{2.5}	ug/m3	5	96.9%	11	Nov-17	30	0	23	Nov-27 20:00	80	0



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 AAQO.

*All compliance parameters are >90% operational. The MH Airport station experienced power issues, causing a power disruption to the airpointer on Nov 13-14. The THC analyzer at Crescent Heights was malfunctioning on Nov 14-15 due to malfunctioning hydrogen cylinder.

*The Crescent Heights station was audited by AEP on Nov 16.