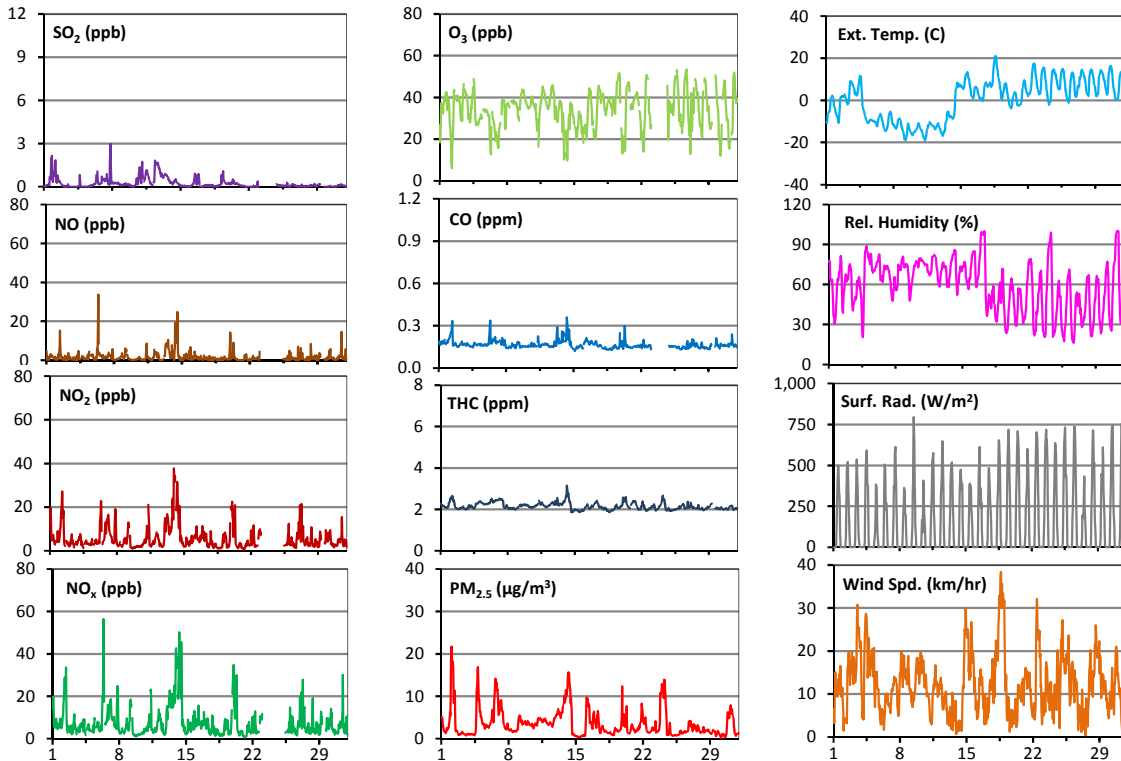
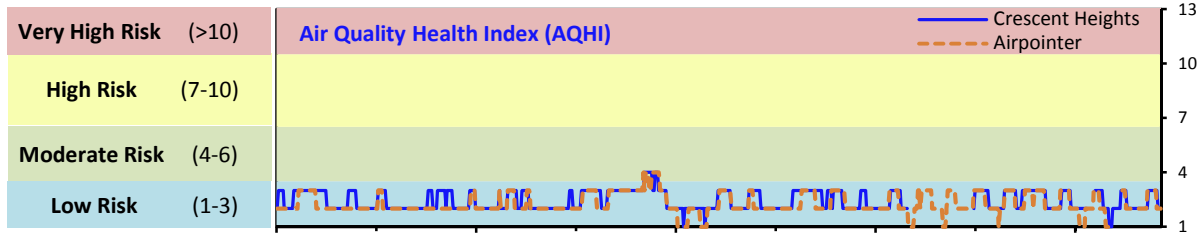


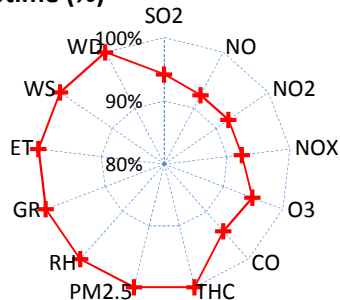
# Palliser Airshed Society - March 2017 Summary Report

## Continuous Sampling Results - Crescent Heights Station

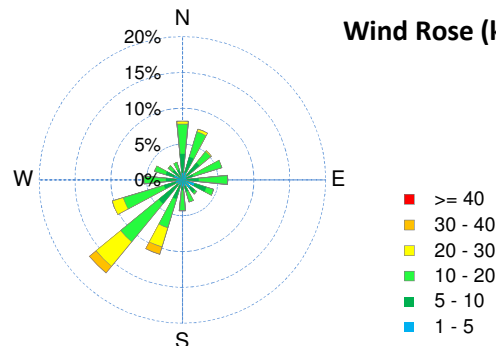
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	< 1	94.2%	1	Mar-12	48	0	3	Mar-07 20:00	172	0		
NO	ppb	1.7	92.3%	5.7	Mar-14	-	-	33.8	Mar-06 9:00	-	-		
NO <sub>2</sub>	ppb	5.8	92.3%	14.9	Mar-13	-	-	37.8	Mar-13 23:00	159	0		
NO <sub>x</sub>	ppb	7.5	92.3%	19.8	Mar-14	-	-	56.5	Mar-06 9:00	-	-		
O <sub>3</sub>	ppb	34	94.9%	40	Mar-25	-	-	53	Mar-26 17:00	82	0		
CO	ppm	0.2	94.1%	0.2	Mar-14	-	-	0.4	Mar-14 8:00	13	0		
THC	ppm	2.2	100.0%	2.4	Mar-6	-	-	3.1	Mar-14 5:00	-	-		
PM <sub>2.5</sub>	µg/m <sup>3</sup>	4	100.0%	8	Mar-6	30	0	22	Mar-02 2:00	80	0		



Instrument Uptime (%)

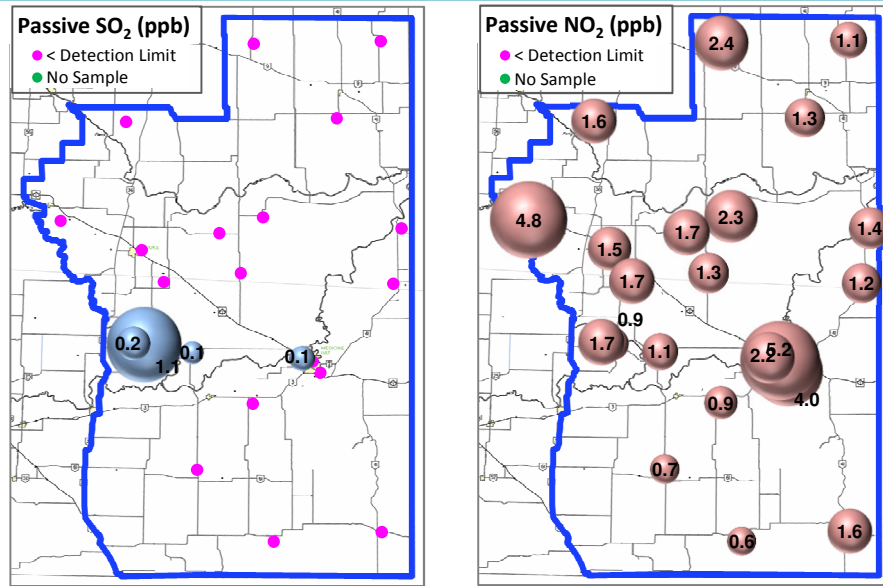


Wind Rose (km/hr)



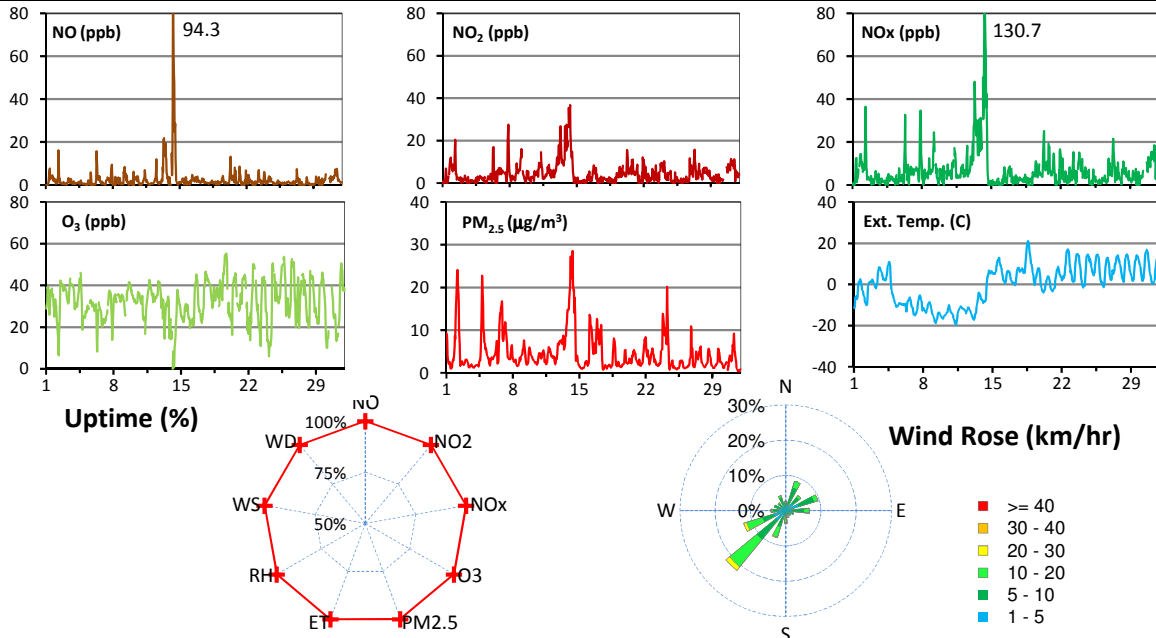
# Palliser Airshed Society - March 2017 Summary Report

## 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	2.5	100.0%	17.3	Mar-14	-	-	94.3	Mar-14 8:00	-	-		
NO <sub>2</sub>	ppb	4.3	100.0%	15.7	Mar-13	-	-	36.4	Mar-14 8:00	159	0		
NO <sub>x</sub>	ppb	6.8	100.0%	30	Mar-14	-	-	130.7	Mar-14 8:00	-	-		
O <sub>3</sub>	ppb	32	100.0%	43	Mar-19	-	-	55	Mar-19 18:00	82	0		
PM <sub>2.5</sub>	ug/m3	5	99.9%	14	Mar-14	30	0	29	Mar-14 8:00	80	0		



## 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 >90% operational. Operational issues include "analyzer failure" for the SO<sub>2</sub>, NO<sub>x</sub>, CO, and O<sub>3</sub> analyzers at the Crescent Heights station, due to issues with the power supply for the analyzers and pumps.

\*Ozone passive monitoring was discontinued in March 2017.