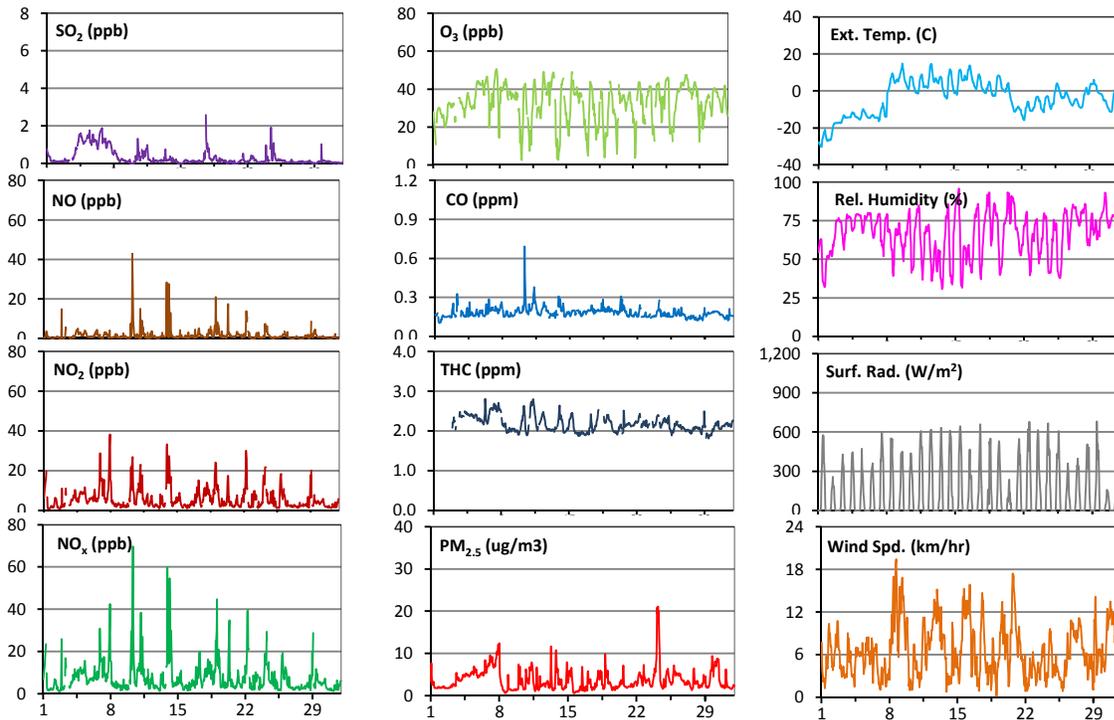
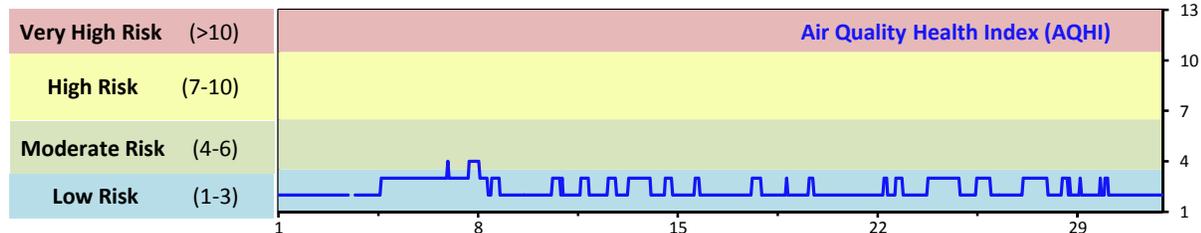


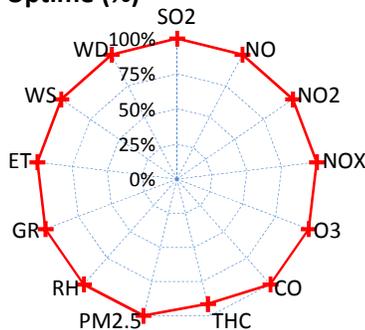
# Palliser Airshed Society - March 2014 Summary Report

## Continuous Sampling Results - Crescent Heights Station

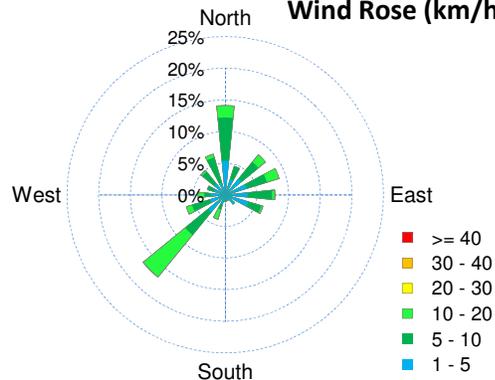
Pollutants	Month Records			24-Hour Records				1-Hour Records				
	Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	0.3	100.0%	1.3	Mar-5	48	0	2.6	Mar-17 16:00	172	0	
NO	ppb	1.7	100.0%	5.4	Mar-10	-	-	42.9	Mar-10 8:00	-	-	
NO <sub>2</sub>	ppb	5.9	100.0%	12.1	Mar-7	-	-	38.3	Mar-07 23:00	159	0	
NO <sub>x</sub>	ppb	7.6	100.0%	16.2	Mar-10	-	-	69.7	Mar-10 8:00	-	-	
O <sub>3</sub>	ppb	32	100.0%	43	Mar-27	-	-	51	Mar-07 16:00	82	0	
CO	ppm	0.2	100.0%	0.2	Mar-10	-	-	0.7	Mar-10 8:00	13	0	
THC	ppm	2.2	91.4%	2.6	Mar-7	-	-	2.8	Mar-06 9:00	-	-	
PM <sub>2.5</sub>	µg/m <sup>3</sup>	4	100.0%	9	Mar-7	30	0	21	Mar-24 5:00	-	-	



Instrument Uptime (%)

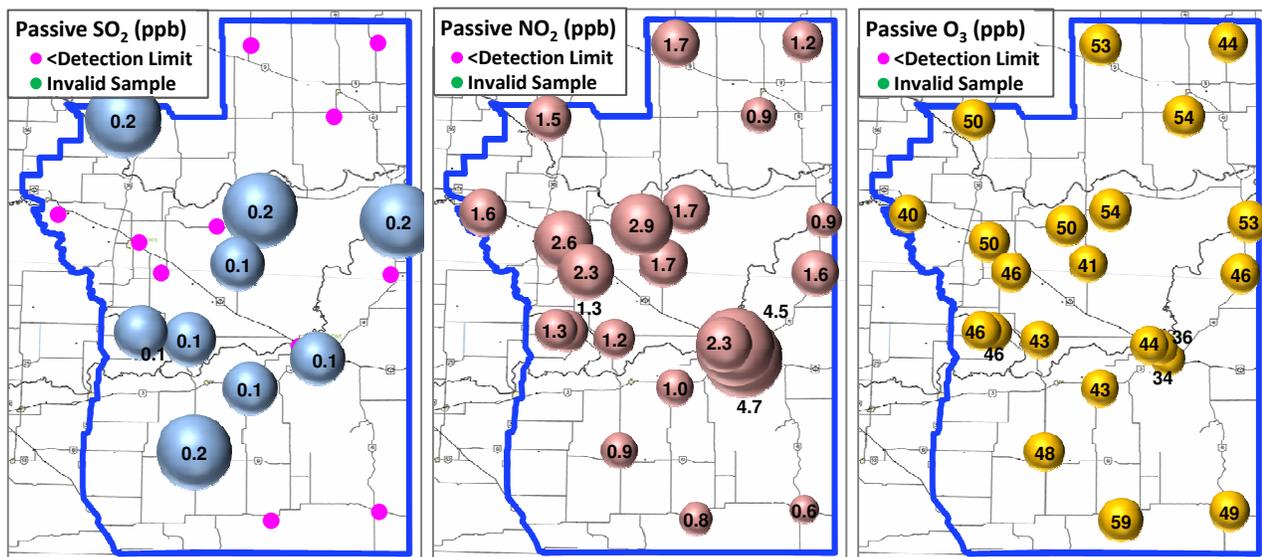


Wind Rose (km/hr)



# Palliser Airshed Society - March 2014 Summary Report

## Passive Sampling Results



## 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 for the month of March.

\* All compliance parameters are above 90% operational for the month of March.

\* Operational issues for the month of March include: 60 hours of THC data is flagged as "analyzer failure" throughout the month.

It was initially caused by a failure with the pressure switch in the zero air supply, and the pressure switch and the pump were replaced on March 2 (4 hours of data is flagged as "maintenance"). The analyzer failed again on March 18 and March 23, as the new pump was drawing a greater electric current and causing the breaker switch to trip off. The station power supply slightly exceeds the specifications of the 701 zero air supply. Technicians will be installing a UPS to condition the power that is causing this breaker to trip.