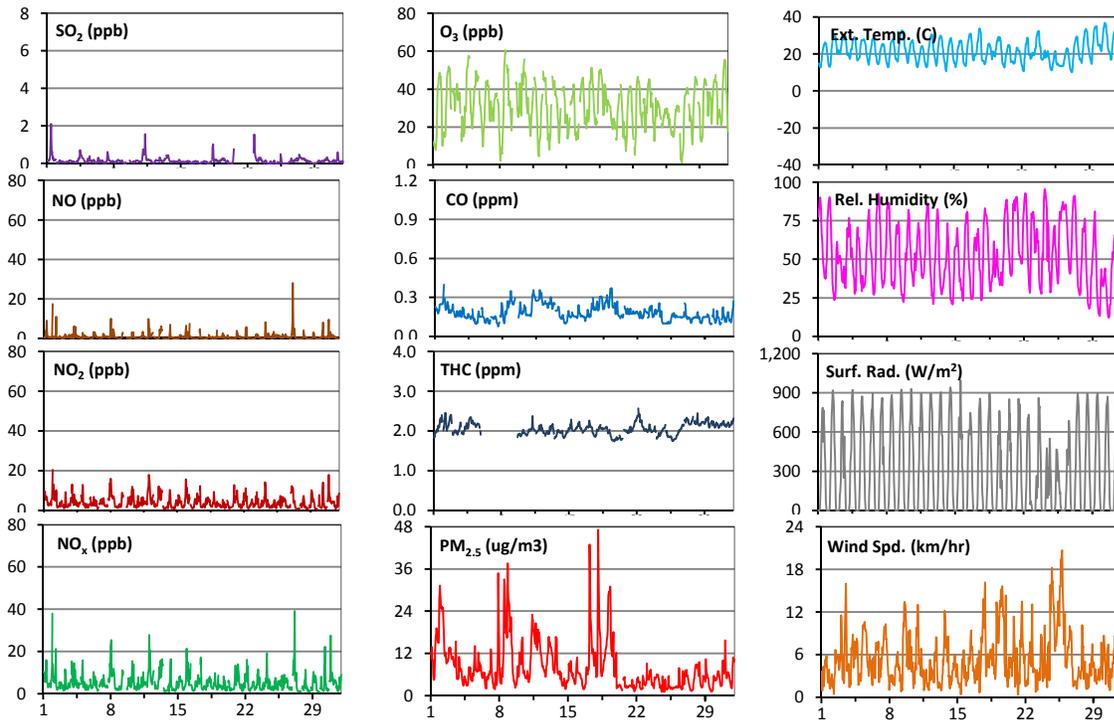
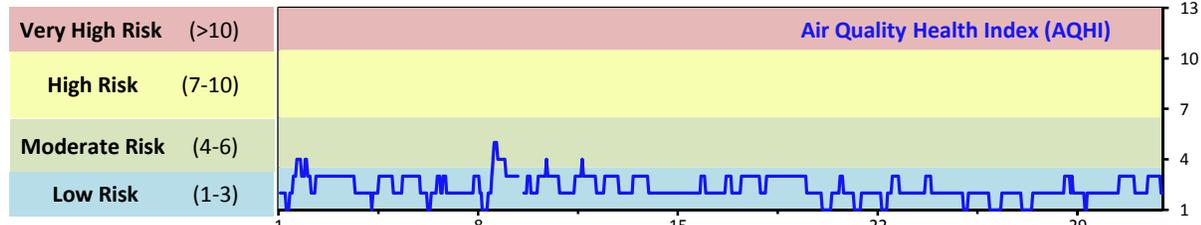


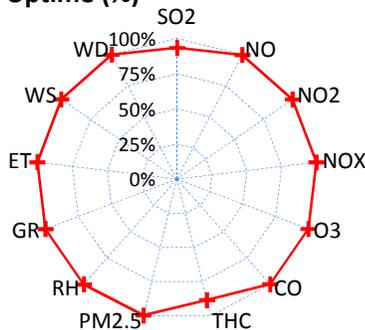
# Palliser Airshed Society - July 2014 Summary Report

## Continuous Sampling Results - Crescent Heights Station

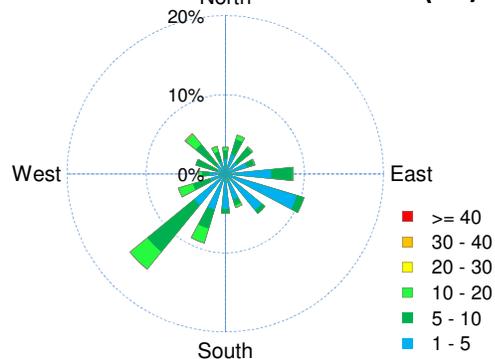
Pollutants	Month Records			24-Hour Records				1-Hour Records				
	Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	0.1	93.4%	0.4	Jul-1	48	0	2.1	Jul-01 11:00	172	0	
NO	ppb	1.0	99.7%	2.5	Jul-27	-	-	28.1	Jul-27 4:00	-	-	
NO <sub>2</sub>	ppb	4.1	99.7%	6.2	Jul-1	-	-	20.5	Jul-01 23:00	159	0	
NO <sub>x</sub>	ppb	5.2	99.7%	8.4	Jul-1	-	-	39.1	Jul-27 4:00	-	-	
O <sub>3</sub>	ppb	31	99.7%	39	Jul-10	-	-	60	Jul-08 14:00	82	0	
CO	ppm	0.2	99.7%	0.3	Jul-11	-	-	0.4	Jul-01 23:00	13	0	
THC	ppm	2.1	88.6%	2.2	Jul-27	-	-	2.6	Jul-22 4:00	-	-	
PM <sub>2.5</sub>	µg/m <sup>3</sup>	8	99.7%	17	Jul-8	30	0	47	Jul-18 3:00	-	-	



Instrument Uptime (%)

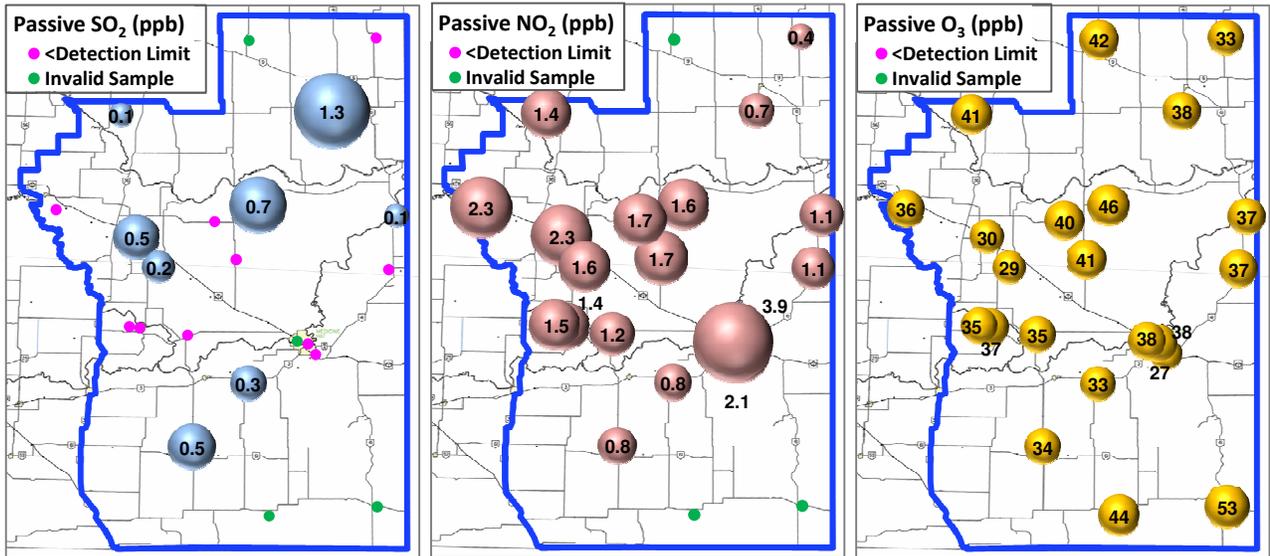


Wind Rose (km/hr)



# Palliser Airshed Society - July 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.

\*All compliance parameters are above 90% operational, with the exception of the THC analyzer (ESRD #286713).

\*Operational issues include: 2 hours of data for all pollutant parameters flagged as "power failure" on July 20. Following the power failure, the SO<sub>2</sub> analyzer was malfunctioning. 46 hours of data is flagged as "analyzer failure". The analyzer was reset and an AIC was triggered. The analyzer returned to normal operations. The THC analyzer did not maintain >90% operational time for the month. 79 hours of data is flagged as "analyzer failure" on July 5-9. The zero-air generator was malfunctioning. It was replaced on July 9 and the analyzer has returned to normal operations.

\*SO<sub>2</sub>/NO<sub>2</sub> passive samples at sites 5, 16, 17, and 20 were missing this month.