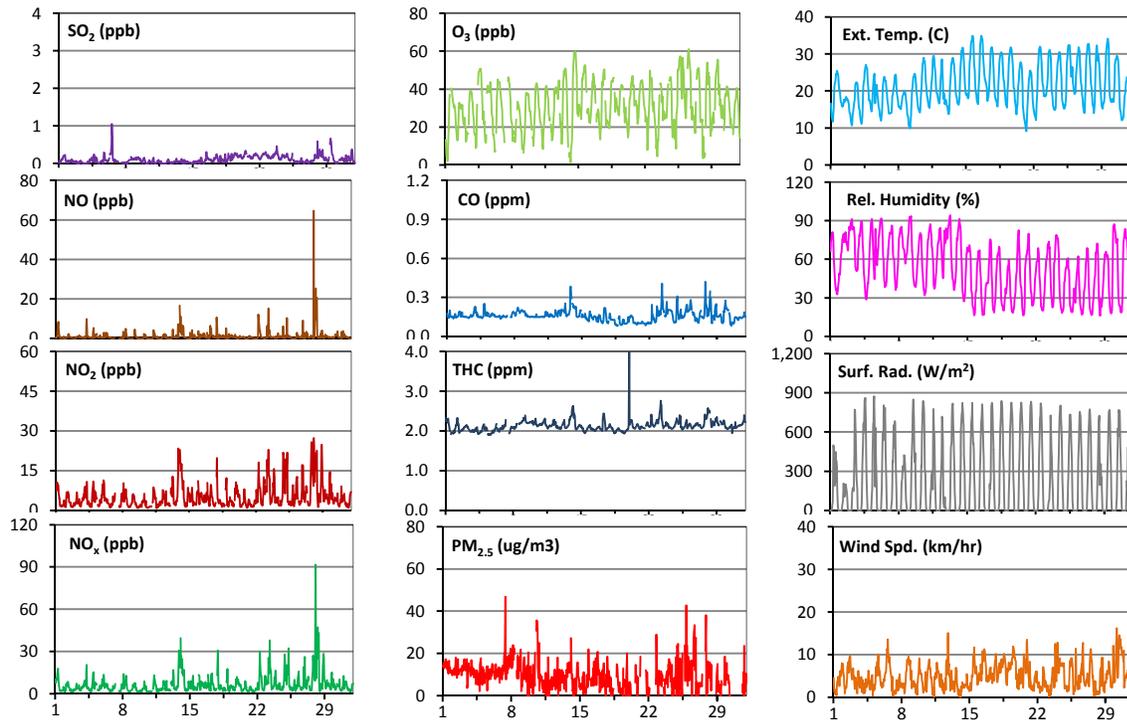
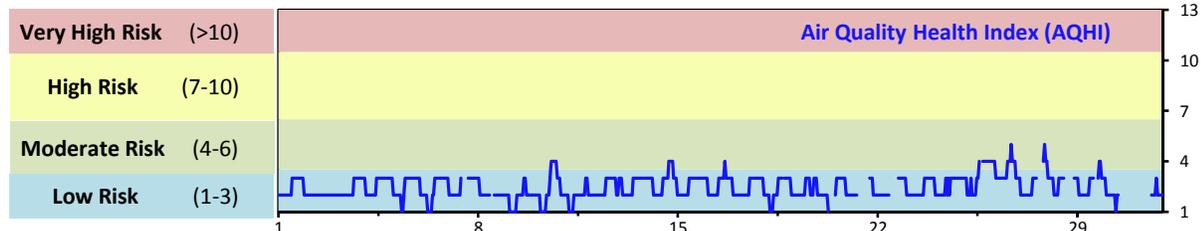


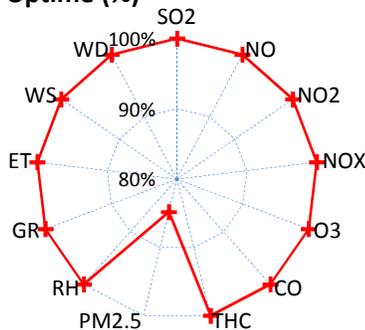
Palliser Airshed Society - August 2013 Summary Report

Continuous Sampling Results - Crescent Heights Station

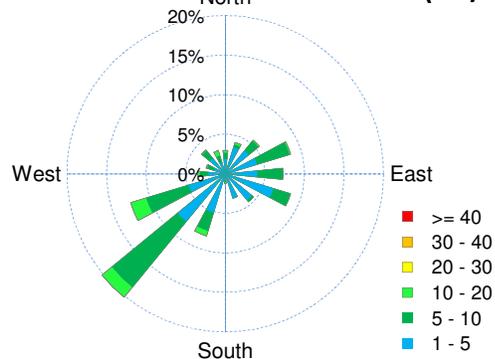
Pollutants	Month Records	24-Hour Records						1-Hour Records					
		Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
						Conc	Time			Conc	Time		
SO ₂	ppb	0.1	100.0%	0.2	Aug-23	48	0	1	Aug-06 14:00	172	0		
NO	ppb	1.3	100.0%	7.5	Aug-28	-	-	64.6	Aug-28 2:00	-	-		
NO ₂	ppb	5.2	100.0%	12.7	Aug-28	-	-	27.4	Aug-28 2:00	159	0		
NO _x	ppb	6.5	100.0%	20.1	Aug-28	-	-	91.7	Aug-28 2:00	-	-		
O ₃	ppb	31	100.0%	42	Aug-26	-	-	61	Aug-26 15:00	82	0		
CO	ppm	0.2	100.0%	0.2	Aug-13	-	-	0.4	Aug-27 20:00	13	0		
THC	ppm	2.1	100.0%	2.3	Aug-28	-	-	4.3	Aug-20 0:00	-	-		
PM _{2.5}	µg/m ³	10	84.8%	16	Aug-7	30	0	47	Aug-07 10:00	-	-		



Instrument Uptime (%)

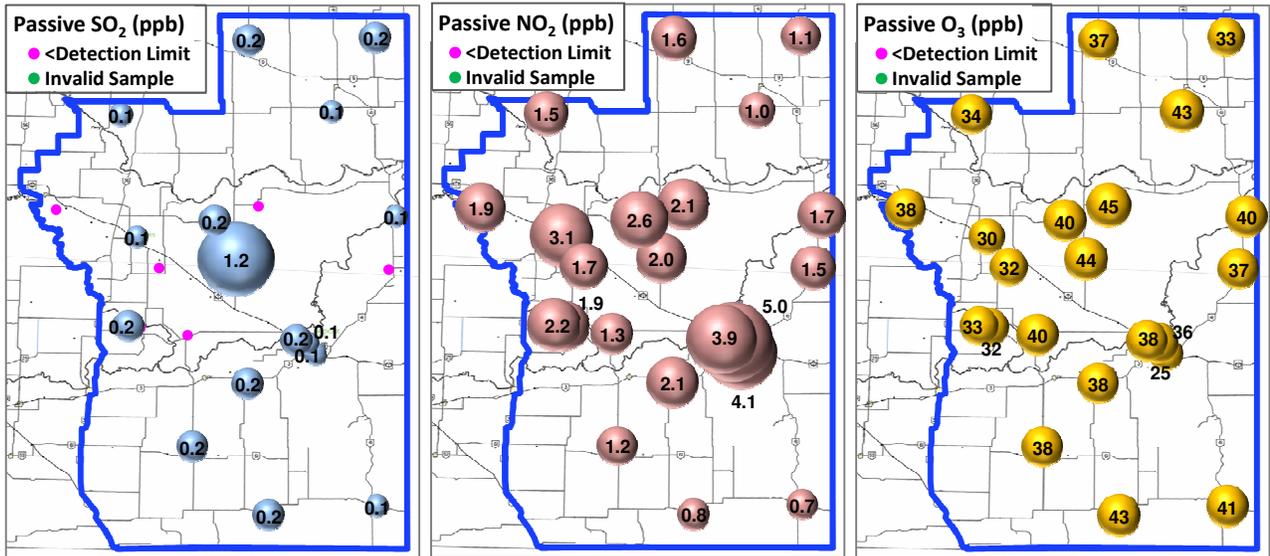


Wind Rose (km/hr)



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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 August 2013.
- * All compliance parameters are above 90% operational for the month of August 2013, with the exception of the PM_{2.5} analyzer. ESRD reference number: 274905.
- * Routine monthly calibration was performed on Aug 7. THC was re-calibrated on Aug 8, as the span cylinder was swapped out.
- * The operational issues for the month of August include 113 hours of PM_{2.5} data flagged as "analyzer failure", due to intermittent negative readings. The dryer unit in the FDMS unit was replaced, and the filter was reset. Technicians continue to monitor the analyzer. There are no other operational issues to report.