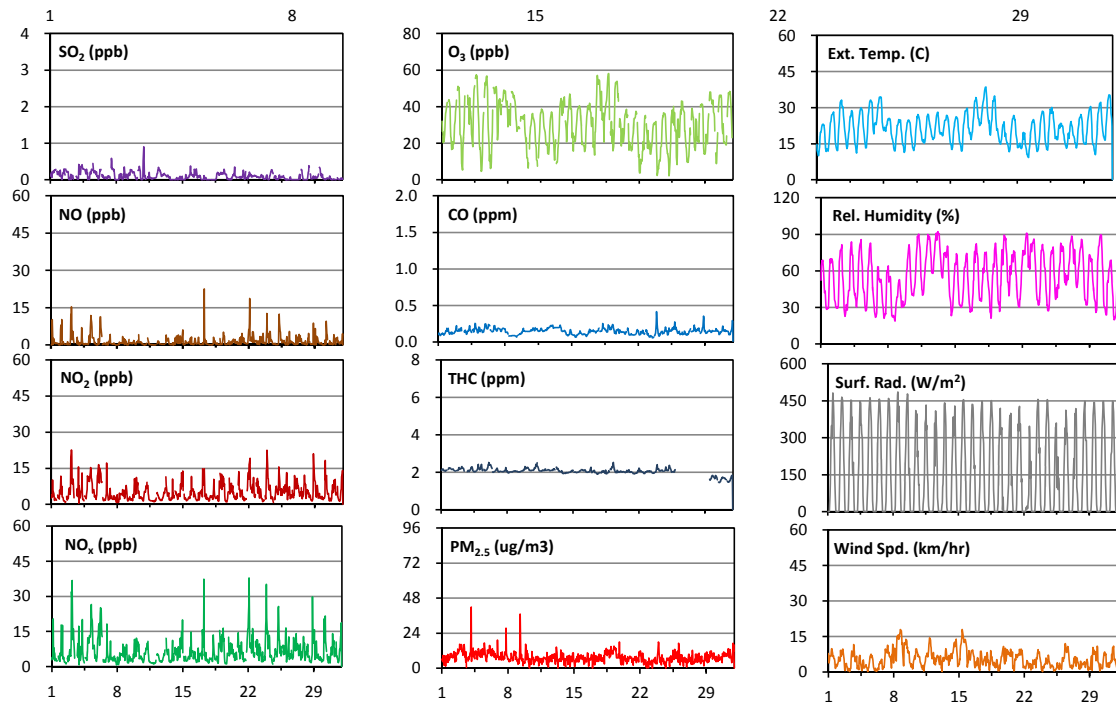
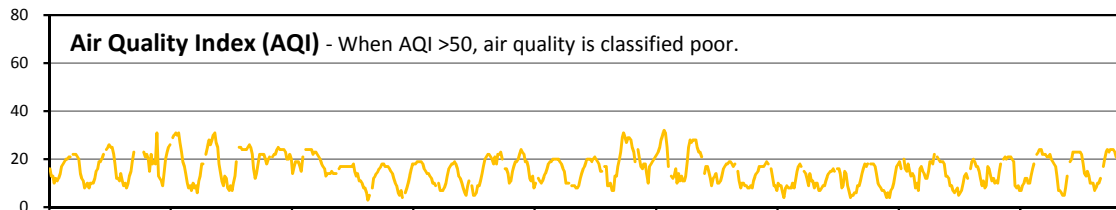


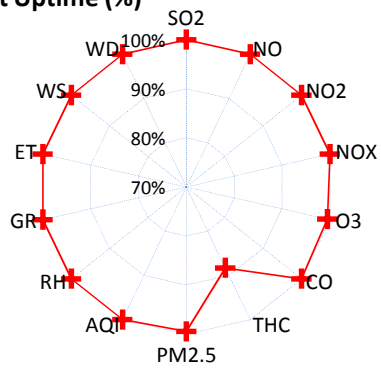
Palliser Airshed Society - July 2011 Summary Report

Continuous Sampling Results - Crescent Heights Station

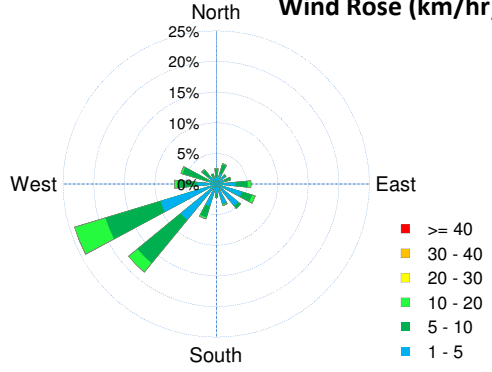
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
SO ₂	ppb	0.1	100.0%	0.3	Jul-4	48	0	0.9	Jul-10 22:00	172	0
NO	ppb	1	100.0%	3	Jul-3	-	-	22	Jul-17 7:00	-	-
NO ₂	ppb	5	100.0%	9	Jul-3	-	0	23	Jul-03 4:00	159	0
NO _x	ppb	6	100.0%	13	Jul-3	-	-	38	Jul-22 3:00	-	-
O ₃	ppb	30	99.5%	43	Jul-7	-	0	58	Jul-18 18:00	82	0
CO	ppm	0.1	100.0%	0.2	Jul-13	-	0	0.4	Jul-23 23:00	13	0
THC	ppm	2.1	88.3%	2.2	Jul-6	-	-	2.5	Jul-19 7:00	-	-
PM _{2.5}	µg/m ³	7.4	99.5%	11.3	Jul-4	30	-	41.8	Jul-04 3:00	-	-



Instrument Uptime (%)

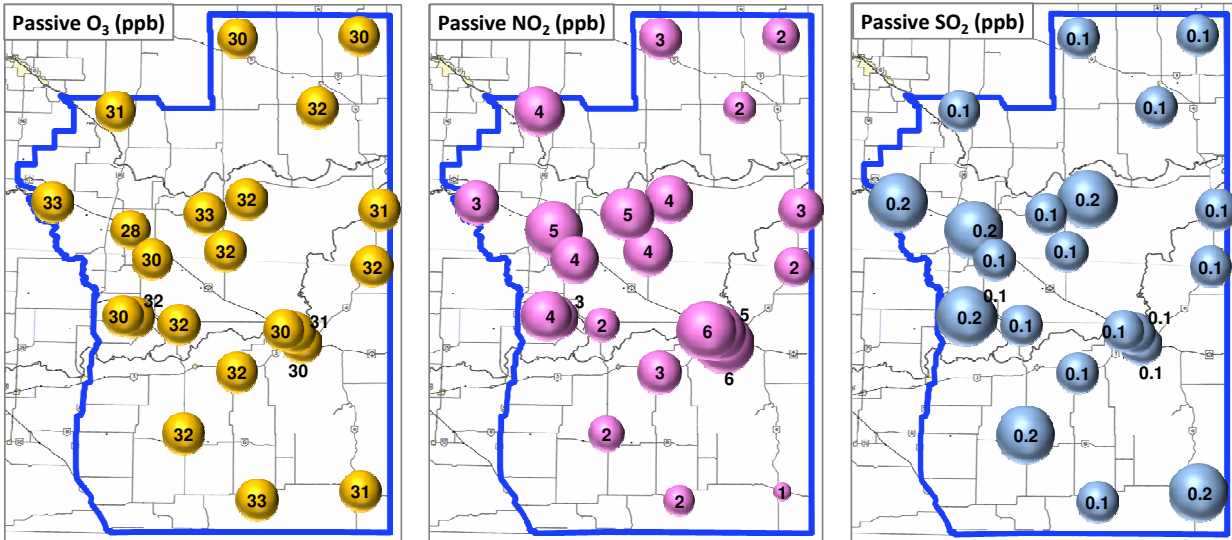


Wind Rose (km/hr)



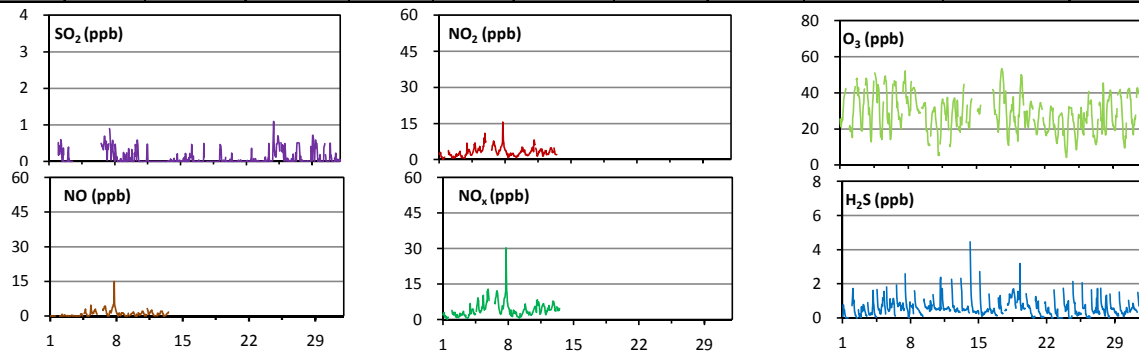
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Passive Sampling Results

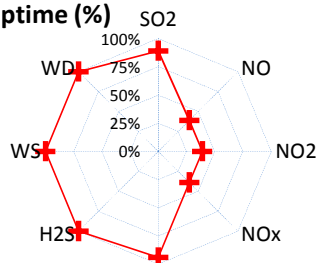


Rover Station Sampling Results - Hays Station

Pollutants	Name	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
			Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO ₂	ppb	0.1	89.1%	0.4	Jul-25	48	0	1.1	Jul-24 22:00	172	0	
NO	ppb	1	39.0%	3	Jul-7	-	-	15	Jul-07 19:00	-	-	
NO ₂	ppb	3	39.0%	5	Jul-5	-	0	16	Jul-07 19:00	159	0	
NO _x	ppb	4	39.0%	7	Jul-7	-	-	30	Jul-07 19:00	-	-	
O ₃	ppb	29	94.1%	38	Jul-17	-	0	53	Jul-17 15:00	82	0	
H ₂ S	ppb	1	100.0%	1	Jul-18	3	0	4	Jul-14 4:00	10	0	



Instrument Uptime (%)



Wind Rose (km/hr)



Monthly Update

- * The measured ambient concentrations of all parameters are within the AAAQO for the month of July 2011.
- * Crescent Heights station: THC analyzer uptime was <90%. A nonconformance report has been sent to Alberta Environment.
- * Portable Hays station: SO₂ and NO_x analyzer uptime was <90%. A nonconformance report has been sent to Alberta Environ.
- * The above malfunctioning analyzers have been repaired and have returned monitoring.