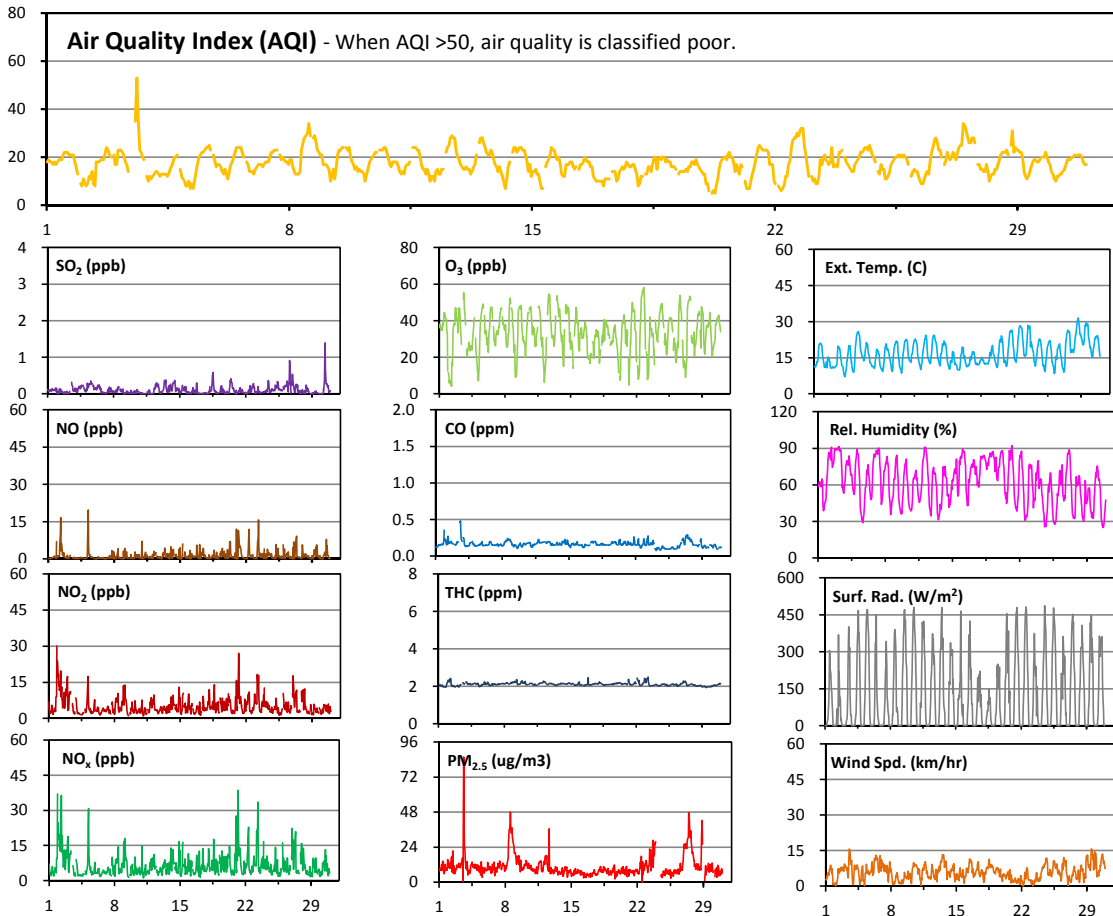


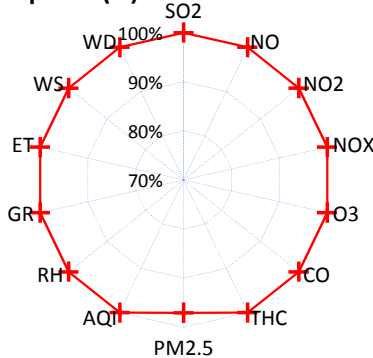
# Palliser Airshed Society - June 2011 Summary Report

## Continuous Sampling Results - Crescent Heights Station

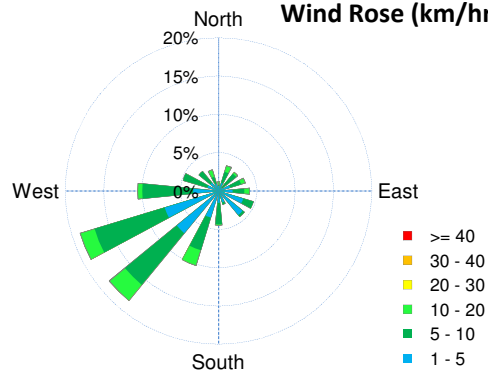
Pollutants	Name	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
			Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	0.1	100.0%	0.3	Jun-26	48	0	1.4	Jun-30 10:00	172	0	
NO	ppb	1	100.0%	3	Jun-2	-	-	20	Jun-05 6:00	-	-	
NO <sub>2</sub>	ppb	5	100.0%	11	Jun-2	-	-	30	Jun-01 22:00	159	0	
NO <sub>x</sub>	ppb	6	100.0%	14	Jun-2	-	-	39	Jun-21 5:00	-	-	
O <sub>3</sub>	ppb	33	100.0%	39	Jun-3	-	-	58	Jun-22 20:00	82	0	
CO	ppm	0.2	100.0%	0.2	Jun-3	-	-	0.5	Jun-03 15:00	13	0	
THC	ppm	2.1	100.0%	2.2	Jun-22	-	-	2.5	Jun-23 7:00	-	-	
PM <sub>2.5</sub>	µg/m <sup>3</sup>	10.7	97.1%	28.1	Jun-27	30	0	85.7	Jun-03 15:00	-	-	



**Instrument Uptime (%)**

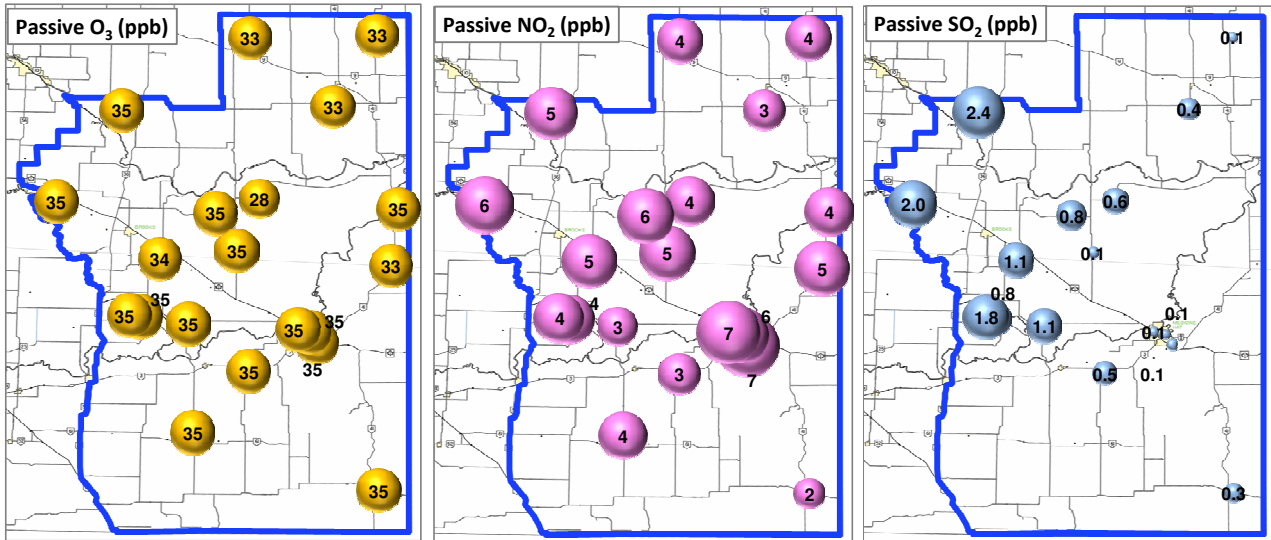


**Wind Rose (km/hr)**



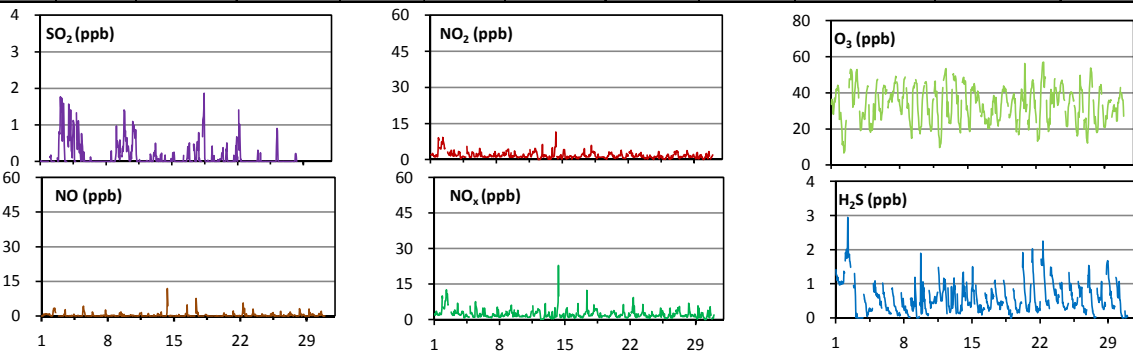
# Palliser Airshed Society - June 2011 Summary Report

## Passive Sampling Results

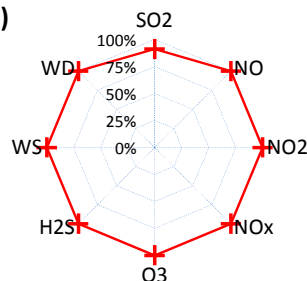


## Rover Station Sampling Results - Hays Station

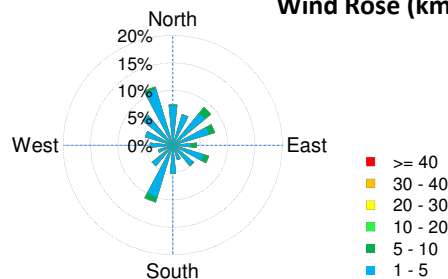
Pollutants	Name	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
			Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	0.2	91.1%	0.8	Jun-3	48	0	1.9	Jun-18 11:00	172	0	
NO	ppb	0	100.0%	1	Jun-14	-	-	12	Jun-14 8:00	-	-	
NO <sub>2</sub>	ppb	2	100.0%	3	Jun-1	-	-	11	Jun-14 8:00	159	0	
NO <sub>x</sub>	ppb	2	100.0%	3	Jun-1	-	-	23	Jun-14 8:00	-	-	
O <sub>3</sub>	ppb	34	100.0%	41	Jun-3	-	-	57	Jun-22 18:00	82	0	
H <sub>2</sub> S	ppb	1	100.0%	1	Jun-1	3	0	3	Jun-02 6:00	10	0	



### Instrument Uptime (%)



### Wind Rose (km/hr)



## Monthly Update

- \* The new Alberta Ambient Air Quality Objectives (AAAQO) for nitrogen dioxide are effective on June 15, 2011.
- \* Ambient concentrations of all parameters are within the AAAQO for the month of June 2011.
- \* All parameters are above 90% operational for the month of June 2011.
- \* Portable Hays Station: SO<sub>2</sub> analyzer was malfunctioning between June 28 and July 1, 2011. The analyzer has been repaired.