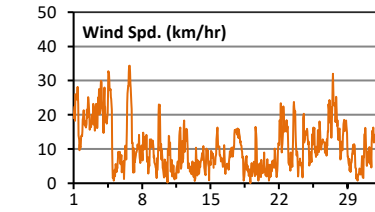
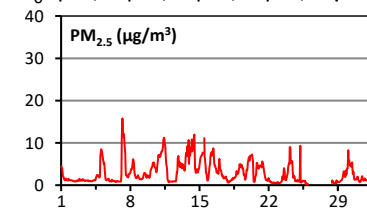
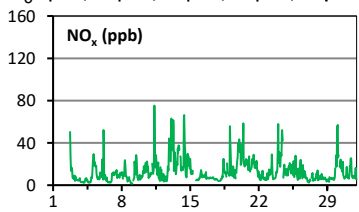
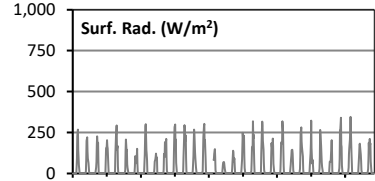
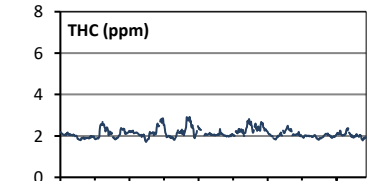
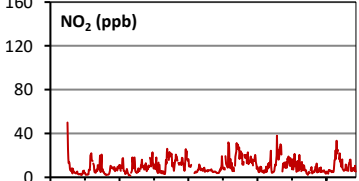
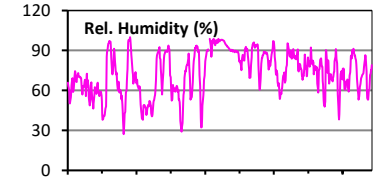
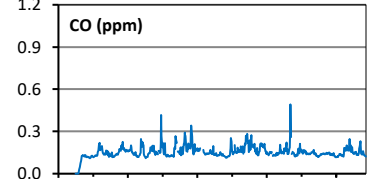
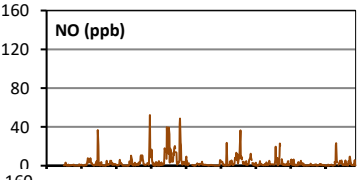
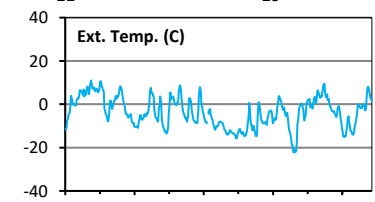
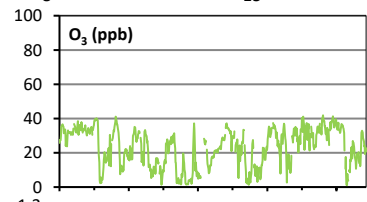
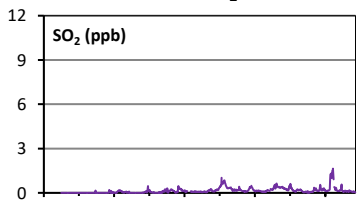
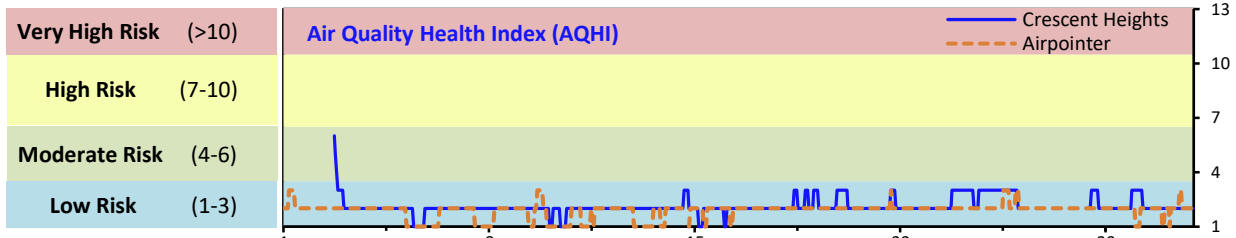


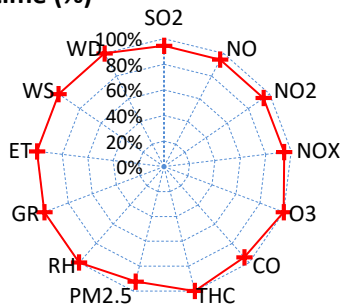
# Palliser Airshed Society - January 2019 Summary Report

## Continuous Sampling Results - Crescent Heights Station

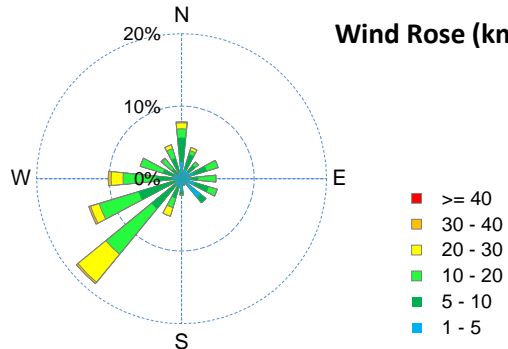
Pollutants	Month Records			24-Hour Records				1-Hour Records				
	Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
					Conc	Time			Conc	Time		
SO <sub>2</sub>	ppb	< 1	94.5%	0.6	Jan-29	48	0	2	Jan-29 19:00	172	0	
NO	ppb	3.2	94.5%	16.8	Jan-13	-	-	52.2	Jan-11 9:00	-	-	
NO <sub>2</sub>	ppb	10.1	94.5%	19.5	Jan-20	-	-	50.1	Jan-02 18:00	159	0	
NO <sub>x</sub>	ppb	13.2	94.5%	32.9	Jan-13	-	-	75.3	Jan-11 9:00	-	-	
O <sub>3</sub>	ppb	23	100.0%	35	Jan-28	-	-	42	Jan-27 16:00	76	0	
CO	ppm	0.2	94.5%	0.2	Jan-14	-	-	0.5	Jan-24 10:00	13	0	
THC	ppm	2.1	100.0%	2.5	Jan-20	-	-	2.9	Jan-14 3:00	-	-	
PM <sub>2.5</sub>	µg/m <sup>3</sup>	3	92.3%	7	Jan-14	29	0	16	Jan-07 5:00	80	0	



Instrument Uptime (%)

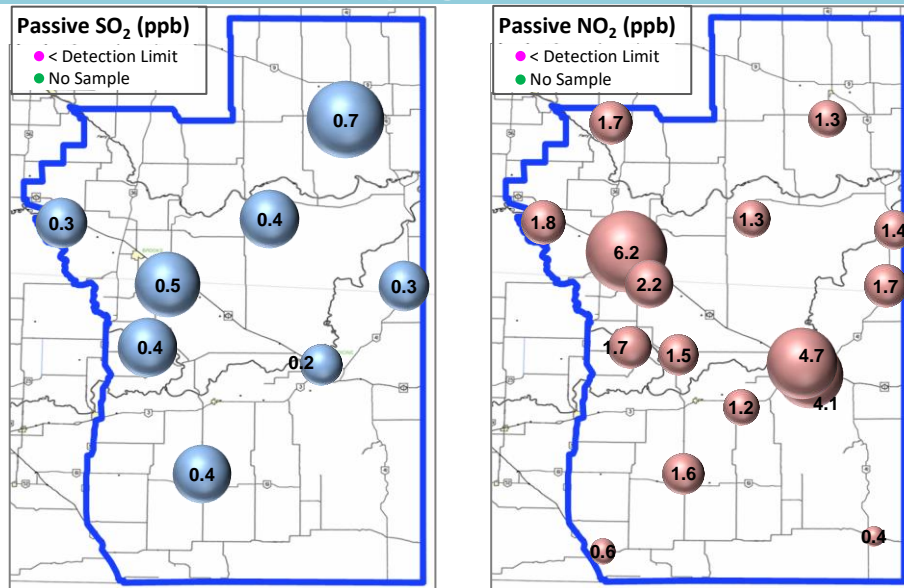


Wind Rose (km/hr)



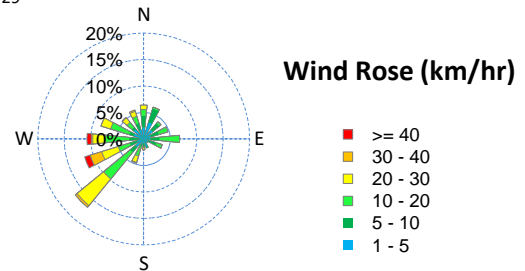
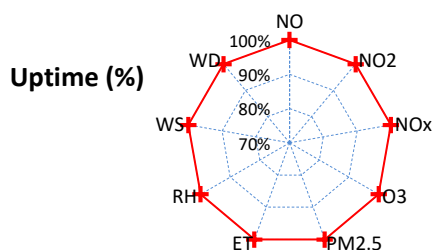
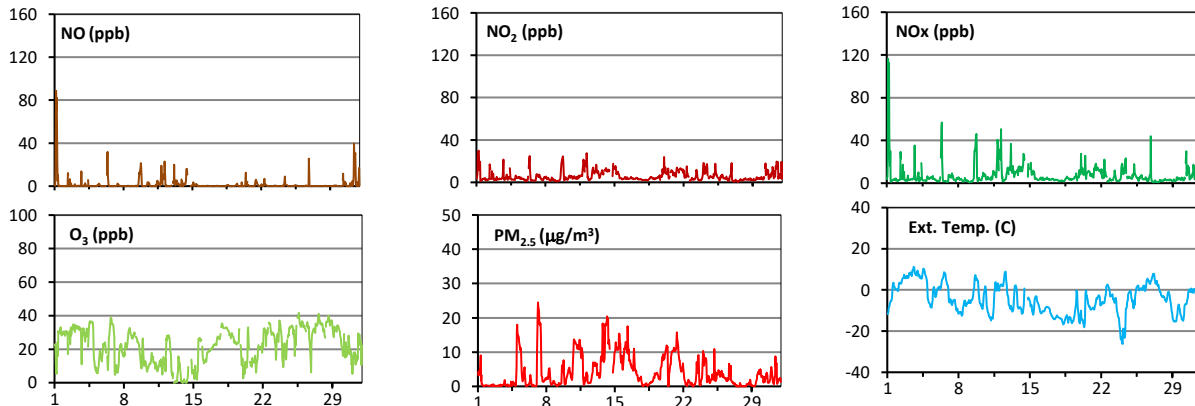
# Palliser Airshed Society - January 2019 Summary Report

## Passive Sampling Results



## Continuous Sampling Results - Medicine Hat Trap Club

Pollutants	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		
NO	ppb	1.8	100.0%	12.6	Jan-1	-	-	88.7	Jan-01 4:00	-	-
NO <sub>2</sub>	ppb	5.8	100.0%	10.3	Jan-21	-	-	29.9	Jan-01 6:00	159	0
NO <sub>x</sub>	ppb	7.6	100.0%	21	Jan-1	-	-	116.3	Jan-01 4:00	-	-
O <sub>3</sub>	ppb	22	100.00%	35	Jan-28	-	-	42	Jan-25 16:00	76	0
PM <sub>2.5</sub>	ug/m3	4	100.00%	10	Jan-15	29	0	25	Jan-07 4:00	80	0



## Monthly Update

- \*All data has been validated; data may change after validation process.
- \*The measured ambient concentrations of all parameters are within the AAAQO.
- \*All compliance parameters are > 90% operational.
- \* Ozone 1-hour AAAQO objective revised from 80 ppb to 76 ppb.