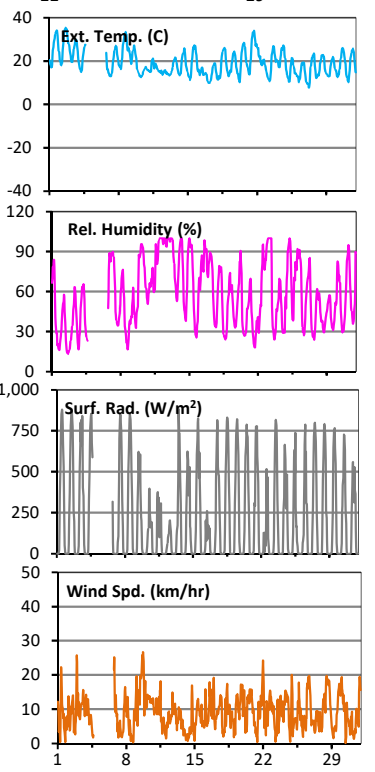
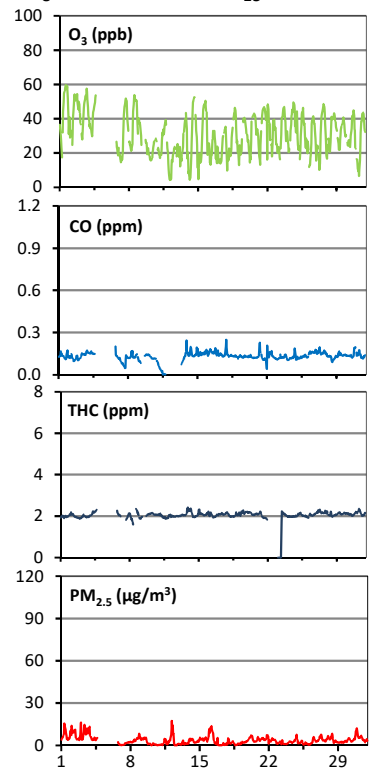
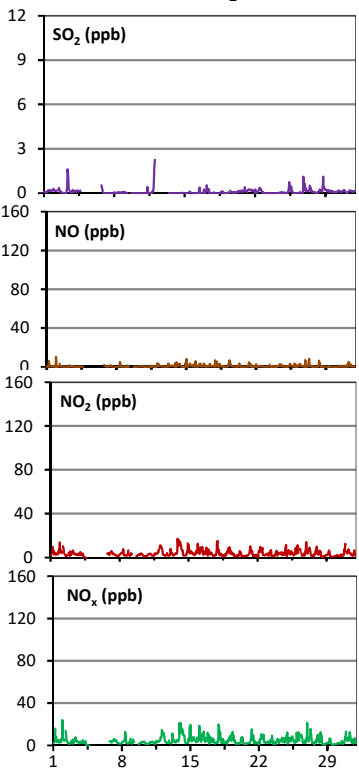
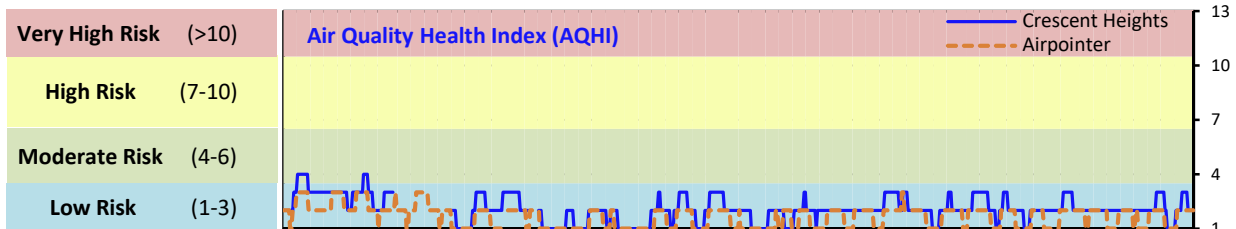


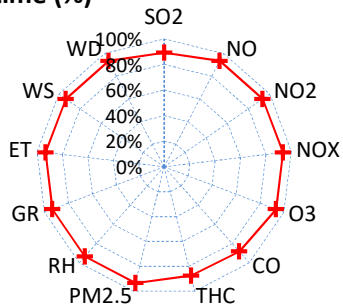
Palliser Airshed Society - August 2019 Summary Report

Continuous Sampling Results - Crescent Heights Station

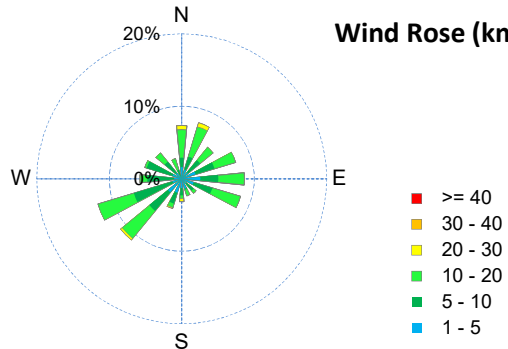
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
SO ₂	ppb	< 1	89.1%	< 1	Aug-3	48	0	2	Aug-12 1:00	172	0
NO	ppb	0.8	93.4%	1.5	Aug-15	-	-	10.3	Aug-01 23:00	-	-
NO ₂	ppb	3.7	93.4%	6.7	Aug-14	-	-	17.1	Aug-13 22:00	159	0
NO _x	ppb	4.5	93.4%	8.3	Aug-14	-	-	24.0	Aug-01 23:00	-	-
O ₃	ppb	31	93.4%	44	Aug-1	-	-	60	Aug-01 16:00	76	0
CO	ppm	0.1	88.3%	0.2	Aug-27	-	-	0.2	Aug-17 22:00	13	0
THC	ppm	2.0	87.5%	2.2	Aug-27	-	-	2.4	Aug-13 22:00	-	-
PM _{2.5}	µg/m ³	4	93.4%	9	Aug-3	29	0	17	Aug-12 5:00	80	0



Instrument Uptime (%)

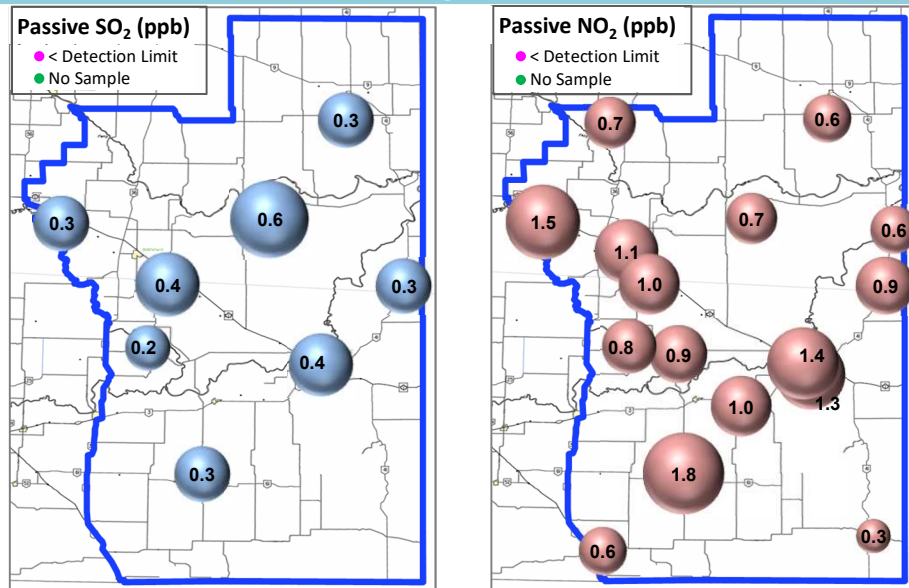


Wind Rose (km/hr)



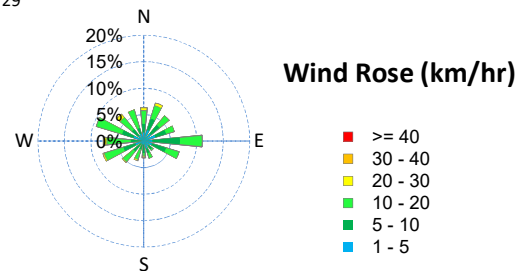
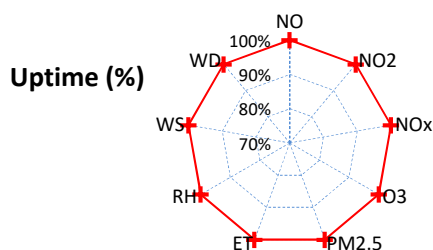
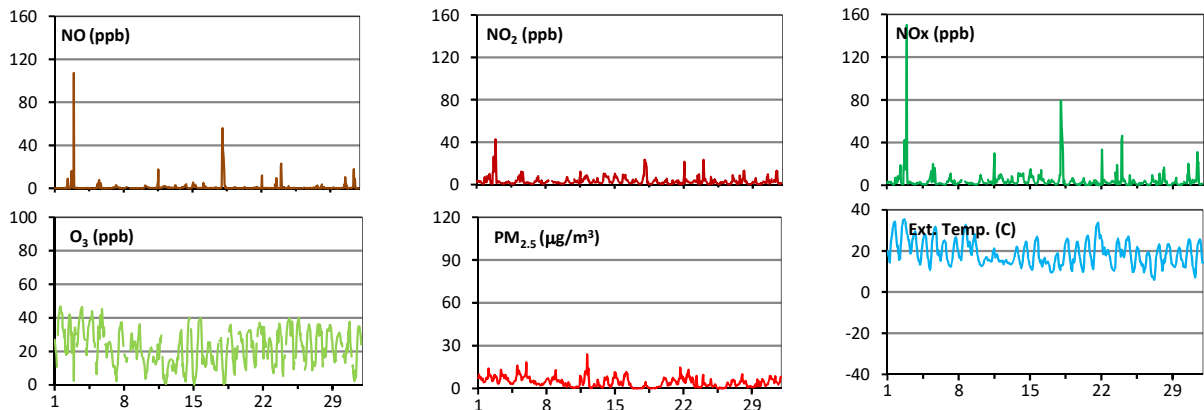
Palliser Airshed Society - August 2019 Summary Report

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	1.2	100.0%	9.7	Aug-18	-	-	107.3	Aug-02 23:00	-	-
NO ₂	ppb	3.2	100.0%	9.4	Aug-2	-	-	42.7	Aug-02 23:00	159	0
NO _x	ppb	4.4	100.0%	16.5	Aug-2	-	-	150.0	Aug-02 23:00	-	-
O ₃	ppb	23	100.0%	36	Aug-3	-	-	47	Aug-01 14:00	76	0
PM _{2.5}	ug/m3	4	100.0%	10	Aug-5	29	0	24	Aug-12 4:00	80	4



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 at the Trap Club Station. SO₂, THC and CO at Crescent Heights had

< 90% operational uptime. All other compliance parameters were >90% operational.