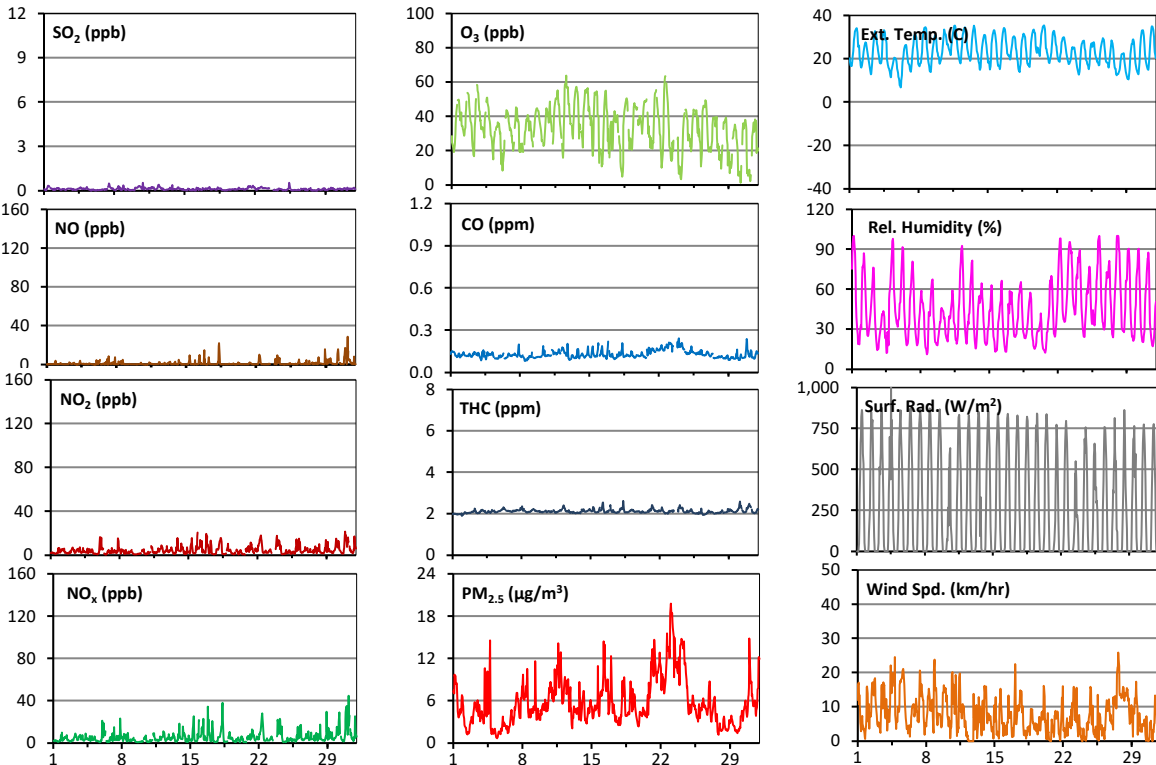
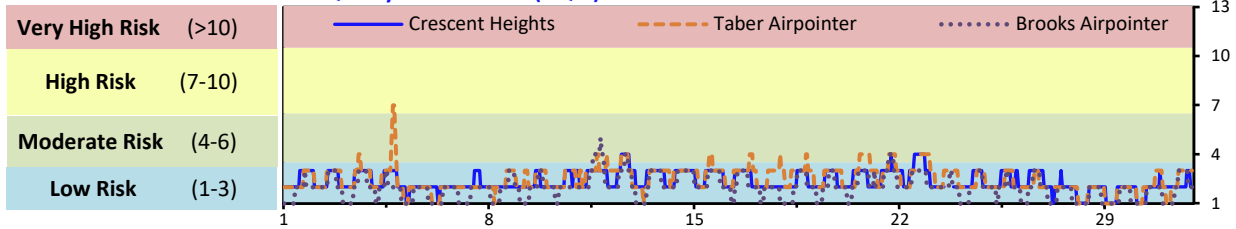


Palliser Airshed Society - August 2022 Summary Report

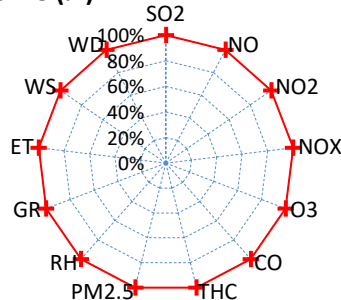
Continuous Sampling Results - Crescent Heights Station

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	100.0%	< 1	Aug-10	48	0	0.5	Aug-25 10:00	172	0
NO	ppb	1.1	100.0%	4.4	Aug-30	-	-	28.6	Aug-31 5:00	-	-
NO ₂	ppb	4.3	100.0%	7.8	Aug-30	-	-	21.6	Aug-30 22:00	159	0
NO _x	ppb	5.4	100.0%	12.1	Aug-30	-	-	44.8	Aug-31 5:00	-	-
O ₃	ppb	33	100.0%	44	Aug-14	-	-	64	Aug-12 15:00	76	0
CO	ppm	0.1	100.0%	0.2	Aug-22	-	-	0.2	Aug-24 1:00	13	0
THC	ppm	2.1	100.0%	2.2	Aug-30	-	-	2.6	Aug-18 8:00	-	-
PM _{2.5}	µg/m ³	6	100.0%	13	Aug-23	29	0	20	Aug-23 1:00	80	0

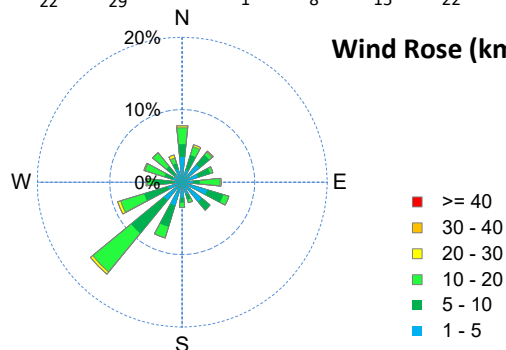
Air Quality Health Index (AQHI)



Instrument Uptime (%)

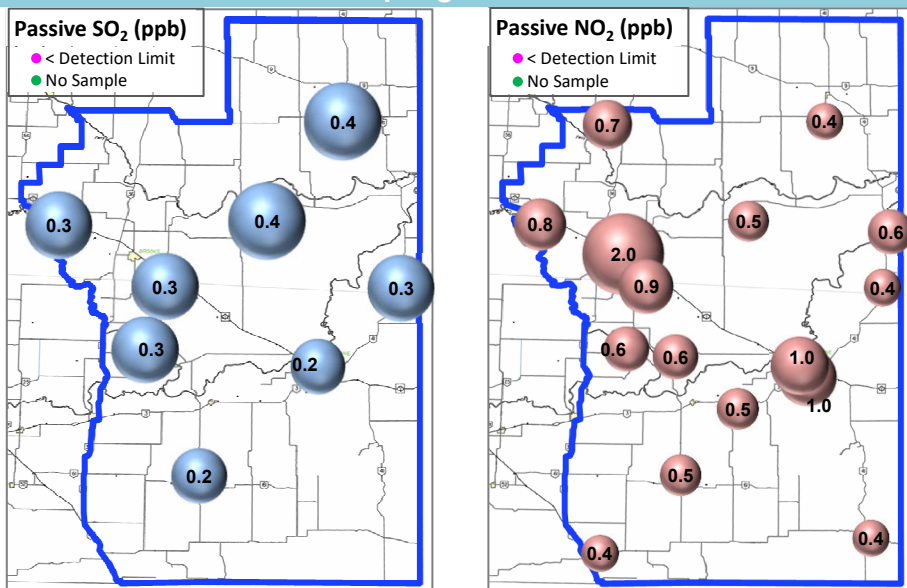


Wind Rose (km/hr)



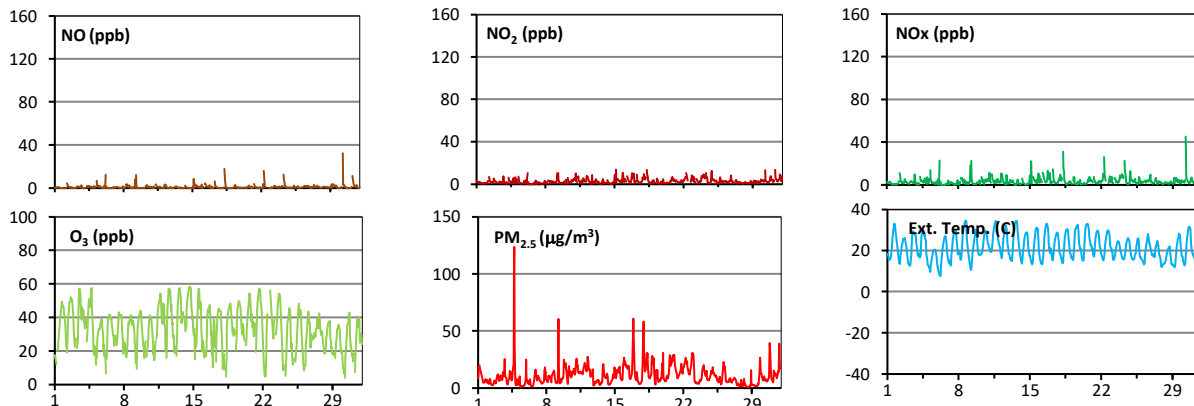
Palliser Airshed Society - August 2022 Summary Report

Passive Sampling Results

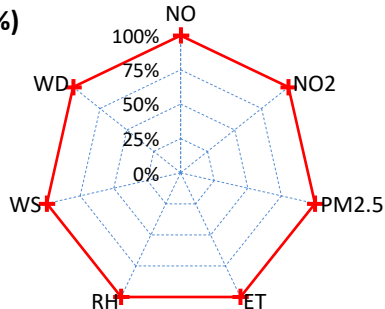


Continuous Sampling Results - Taber Airpointer

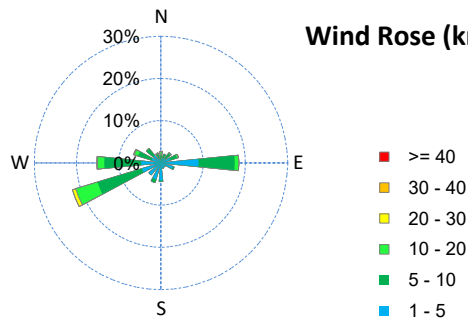
Pollutants	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
		Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	0.9	100.0%	2.0	Aug-30	-	-	32.3	Aug-30 7:00	-	-
NO ₂	ppb	2.6	100.0%	4.8	Aug-31	-	-	13.7	Aug-15 4:00	159	0
NO _x	ppb	3.4	100.0%	6.4	Aug-31	-	-	45.3	Aug-30 7:00	-	-
O ₃	ppb	33	100.0%	46	Aug-14	-	-	58	Aug-14 17:00	76	0
PM _{2.5}	ug/m3	11	100.0%	21	Aug-16	29	0	124	Aug-04 18:00	80	2



Uptime (%)



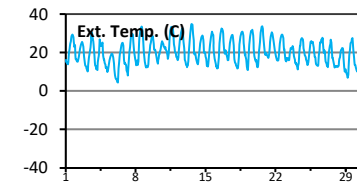
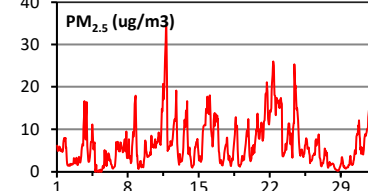
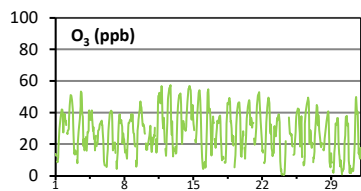
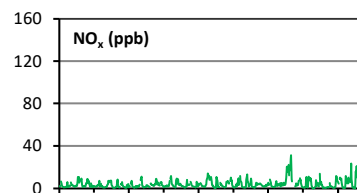
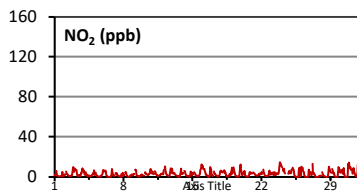
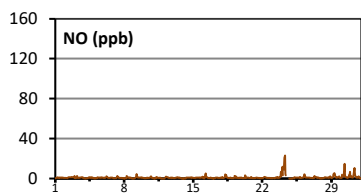
Wind Rose (km/hr)



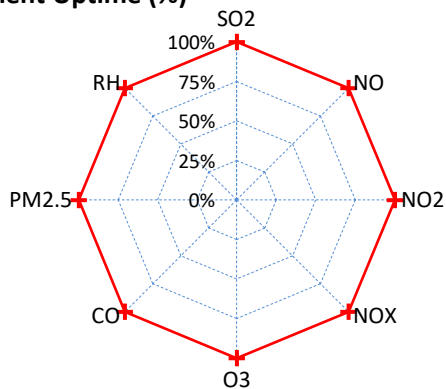
Palliser Airshed Society - August 2022 Summary Report

Continuous Sampling Results - Brooks

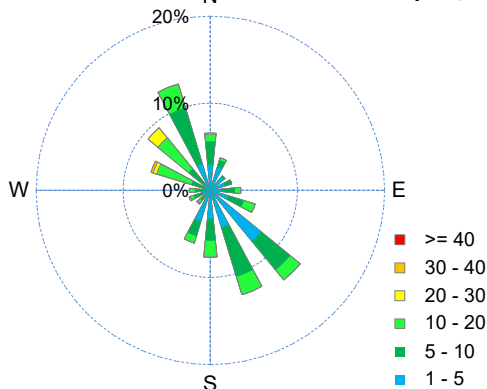
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	0.9	100.0%	2.6	Aug-30	-	-	23.2	Aug-24 8:00	-	-
NO ₂	ppb	2.9	100.0%	5.2	Aug-31	-	-	14.4	Aug-30 22:00	159	0
NO _x	ppb	3.8	100.0%	7.4	Aug-31	-	-	31.3	Aug-24 8:00	-	-
O ₃	ppb	28	100.0%	43	Aug-14	-	-	57	Aug-12 17:00	76	0
PM _{2.5}	ug/m3	6	100.0%	18	Aug-22	29	0	35	Aug-11 19:00	80	0



Instrument Uptime (%)



Wind Rose (km/hr)



Monthly Update

*All data has been validated; data may change after validation process.

*The measured ambient concentrations of all parameters are within the AAAQO with the exception of two 1-hr PM_{2.5} exceedances recorded at Taber.

*All compliance parameters at Crescent Heights, Taber and Brooks had > 90% operational uptime.