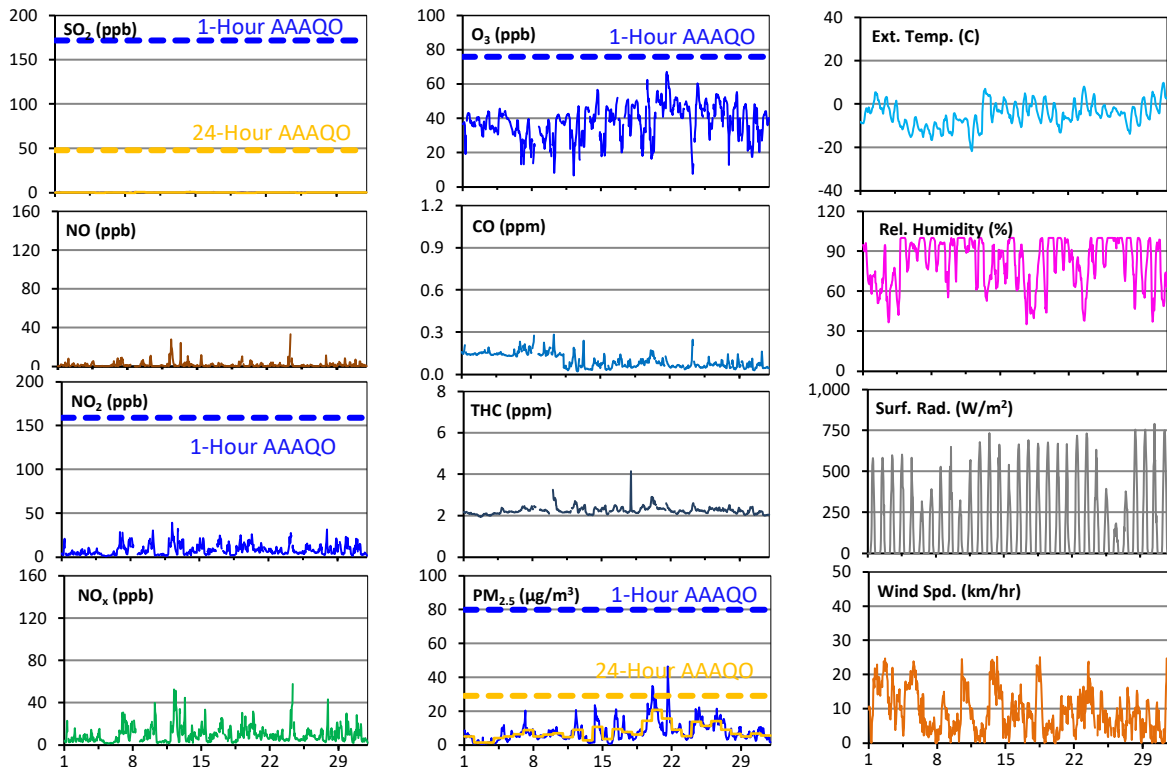
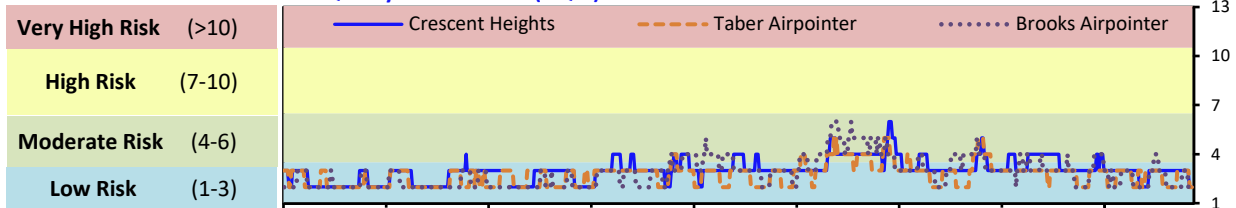


Palliser Airshed Society - March 2023 Summary Report

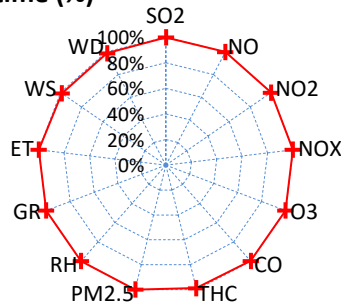
Continuous Sampling Results - Crescent Heights Station

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO	Exceed	Maximum		AAAQO	Exceed
				Conc	Time	Objective	No.	Conc	Time	Objective	No.
SO ₂	ppb	< 1	99.9%	< 1	Mar-1	48	0	1.0	Mar-14 10:00	172	0
NO	ppb	1.6	99.9%	6.2	Mar-12	-	-	33.2	Mar-24 9:00	-	-
NO ₂	ppb	8.0	99.9%	16.8	Mar-12	-	-	39.2	Mar-12 6:00	159	0
NO _x	ppb	9.6	99.9%	23.0	Mar-12	-	-	57.6	Mar-24 9:00	-	-
O ₃	ppb	38	99.9%	54	Mar-21	-	-	67	Mar-21 16:00	76	0
CO	ppm	0.1	99.9%	0.2	Mar-7	-	-	0.3	Mar-10 8:00	13	0
THC	ppm	2.2	98.9%	2.6	Mar-20	-	-	4.1	Mar-18 0:00	-	-
PM _{2.5}	µg/m ³	8	100.0%	21	Mar-20	29	0	47	Mar-21 15:00	80	0

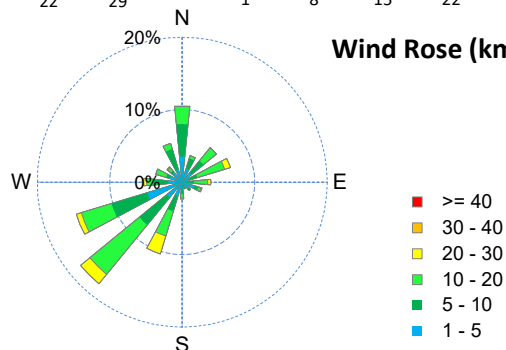
Air Quality Health Index (AQHI)



Instrument Uptime (%)

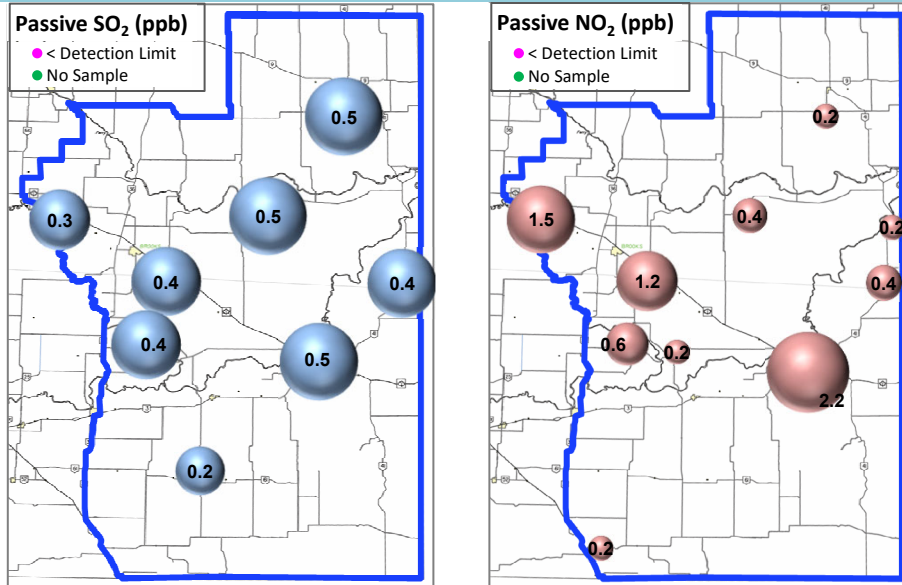


Wind Rose (km/hr)



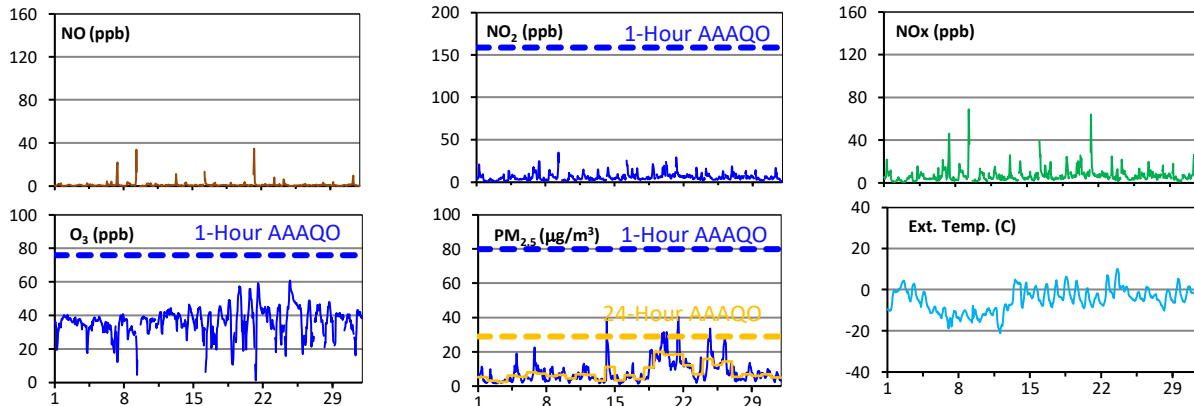
Palliser Airshed Society - March 2023 Summary Report

Passive Sampling Results

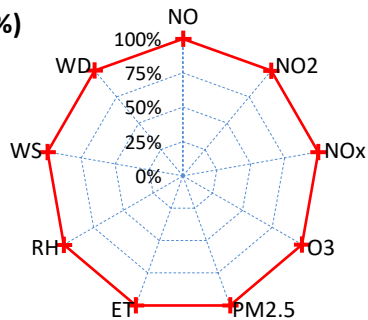


Continuous Sampling Results - Taber Airpointer

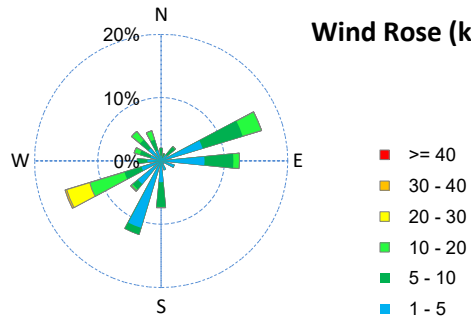
Pollutants	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
		Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	0.9	99.7%	3.2	Mar-21	-	-	34.7	Mar-21 7:00	-	-
NO ₂	ppb	5.9	99.7%	10.3	Mar-20	-	-	35.0	Mar-09 8:00	159	0
NO _x	ppb	6.8	99.7%	12.7	Mar-21	-	-	68.8	Mar-09 8:00	-	-
O ₃	ppb	36	99.7%	44	Mar-25	-	-	61	Mar-24 18:00	76	0
PM _{2.5}	ug/m3	8	100.0%	20	Mar-19	29	0	41	Mar-21 12:00	80	0



Uptime (%)



Wind Rose (km/hr)

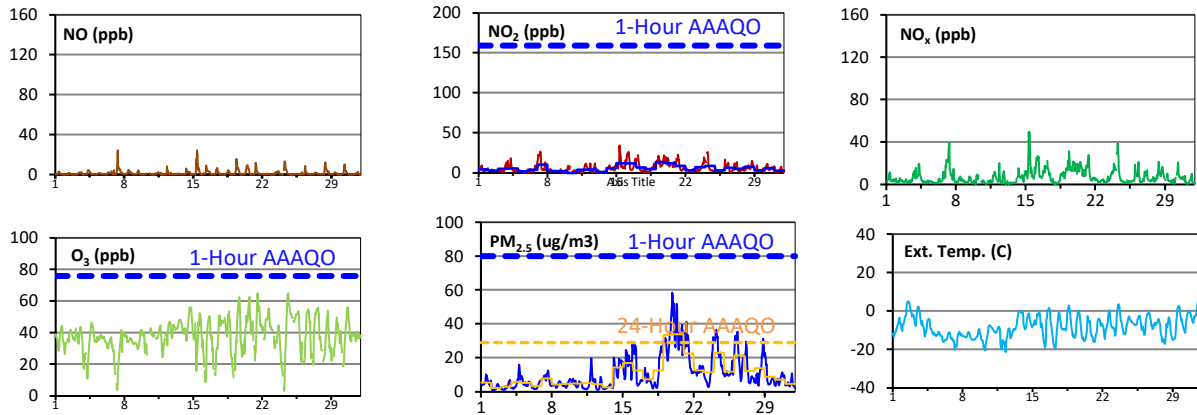


Palliser Airshed Society - March 2023 Summary Report

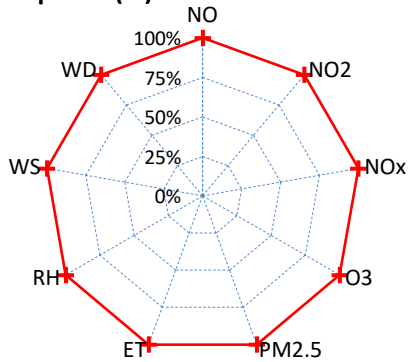
Continuous Sampling Results - Brooks

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO	Exceed No.	Maximum		AAAQO	Exceed No.
				Conc	Time	Objective		Conc	Time	Objective	
NO	ppb	1.4	100.0%	4.7	Mar-15	-	-	24.3	Mar-15 10:00	-	-
NO ₂	ppb	5.6	100.0%	13.4	Mar-19	-	-	34.4	Mar-15 8:00	159	0
NO _x	ppb	6.9	100.0%	16.5	Mar-15	-	-	49.5	Mar-15 8:00	-	-
O ₃	ppb	38	100.0%	46	Mar-14	-	-	65	Mar-21 13:00	76	0
PM _{2.5}	ug/m3	11	100.0%	34	Mar-20	29	2	58	Mar-19 22:00	80	0

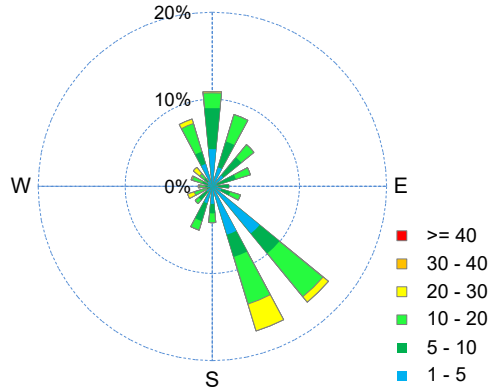
* Dotted lines are for AAAQO limits and solid lines are for averages.



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 24-hour PM 2.5 exceedances attributed to a temperature inversion.

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