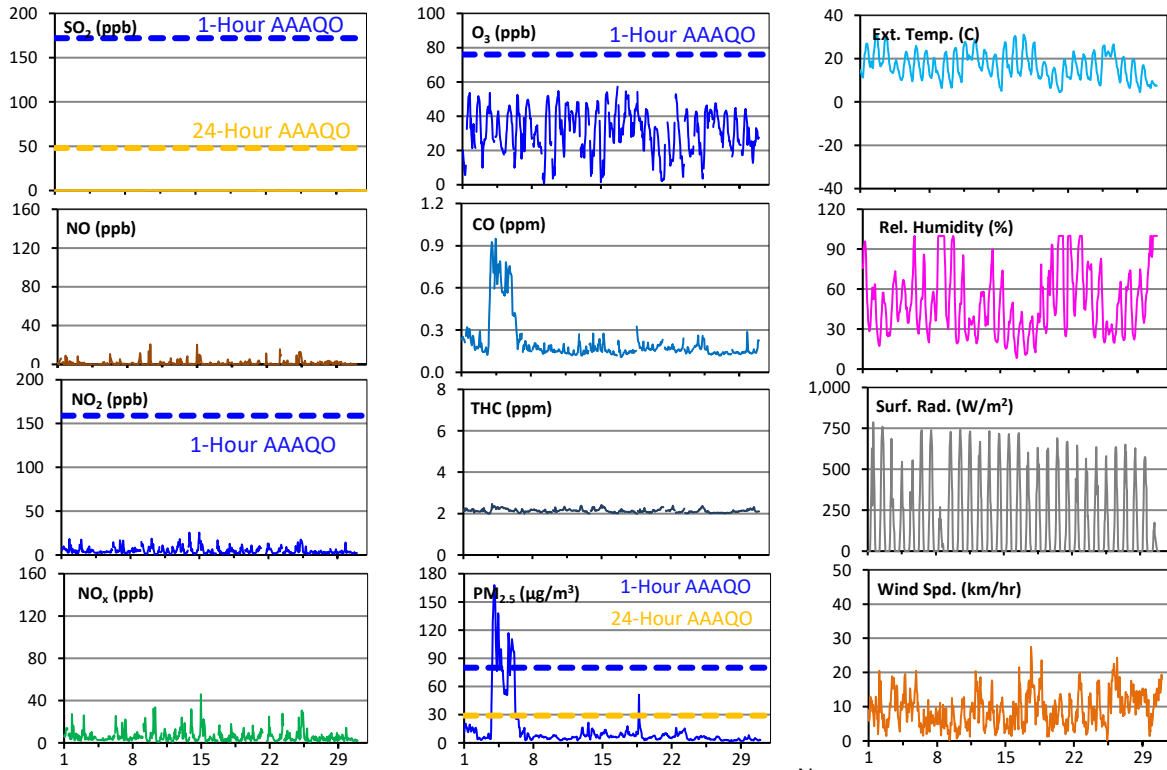
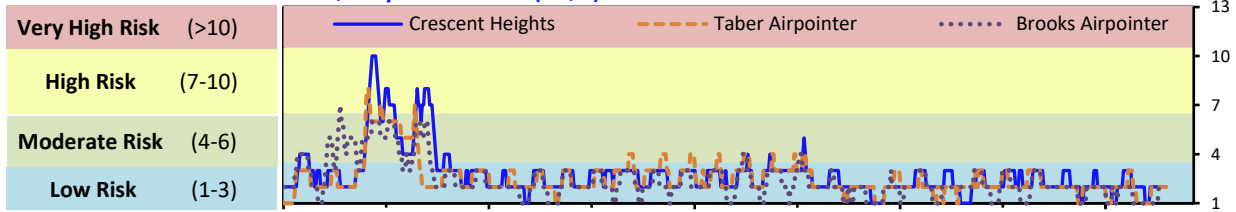


Palliser Airshed Society - September 2023 Summary Report

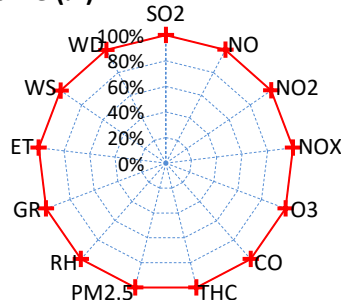
Continuous Sampling Results - Crescent Heights Station

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
SO ₂	ppb	0.1	100.0%	0.2	Sep-10	48	0	0.8	Sep-10 17:00	172	0
NO	ppb	1.1	100.0%	3.1	Sep-25	-	-	20.7	Sep-10 8:00	-	-
NO ₂	ppb	4.8	100.0%	7.0	Sep-1	-	-	25.6	Sep-15 0:00	159	0
NO _x	ppb	6.0	100.0%	9.7	Sep-25	-	-	46.0	Sep-15 0:00	-	-
O ₃	ppb	31.4	100.0%	41.5	Sep-17	-	-	57.2	Sep-16 17:00	76	0
CO	ppm	0.2	100.0%	0.8	Sep-4	-	-	0.9	Sep-04 11:00	13	0
THC	ppm	2.1	100.0%	2.3	Sep-4	-	-	2.5	Sep-03 22:00	-	-
PM _{2.5}	µg/m ³	14.1	100.0%	105.5	Sep-4	29	3	167.9	Sep-04 2:00	80	37

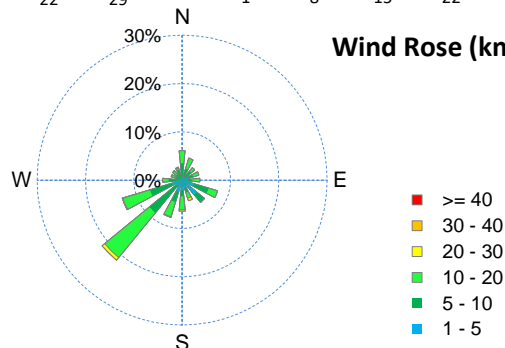
Air Quality Health Index (AQHI)



Instrument Uptime (%)

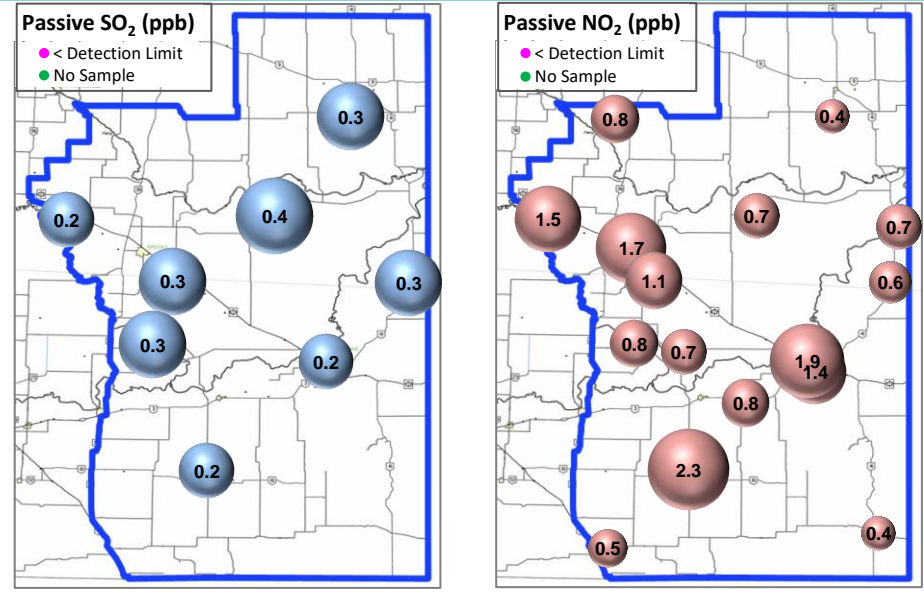


Wind Rose (km/hr)



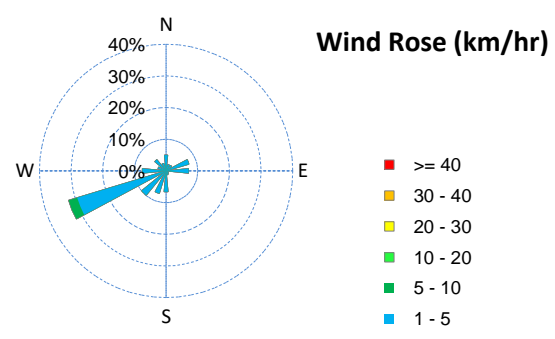
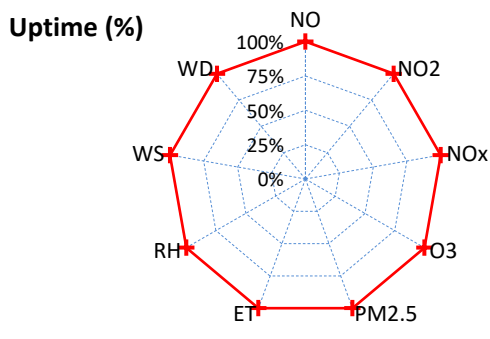
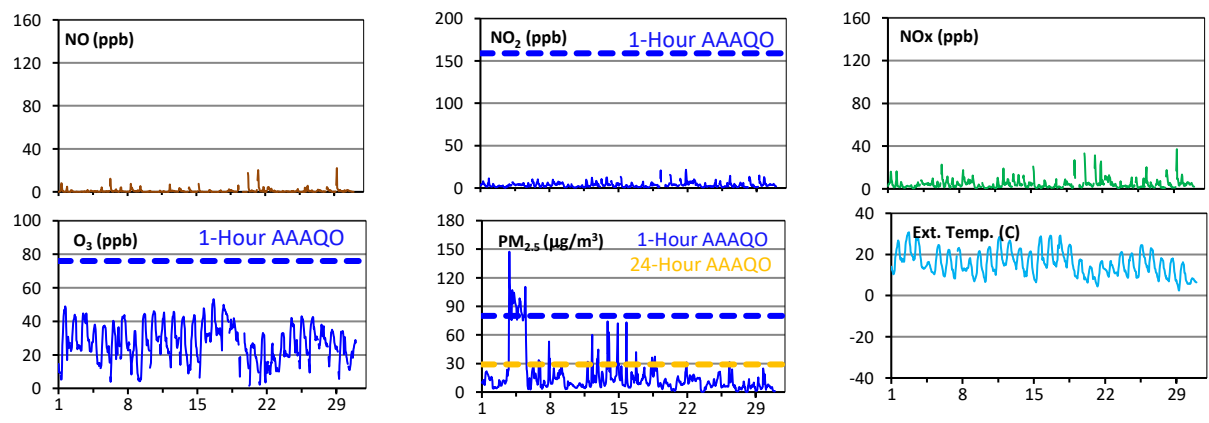
Palliser Airshed Society - September 2023 Summary Report

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	99.9%	3.1	Sep-21	-	-	22.2	Sep-29 7:00	-	-
NO ₂	ppb	3.6	99.9%	6.5	Sep-22	-	-	21.6	Sep-21 21:00	159	0
NO _x	ppb	4.5	99.9%	9.2	Sep-21	-	-	37.1	Sep-29 7:00	-	-
O ₃	ppb	27.8	99.9%	39.5	Sep-17	-	-	53.2	Sep-16 16:00	76	0
PM _{2.5}	ug/m3	16.5	99.9%	92	Sep-4	29	3	147.4	Sep-03 20:00	80	34

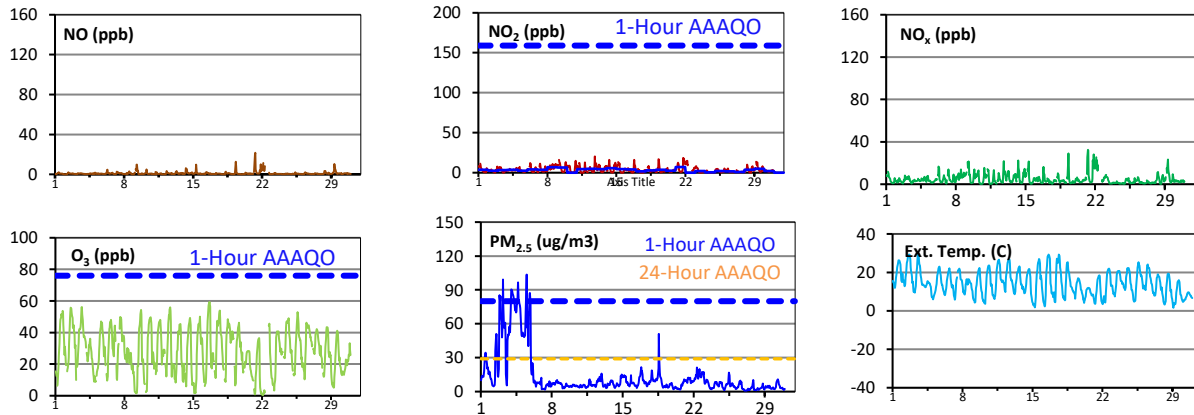


Palliser Airshed Society - September 2023 Summary Report

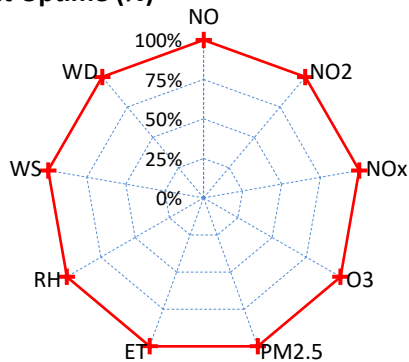
Continuous Sampling Results - Brooks

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	1.1	99.9%	4.5	Sep-21	-	-	21.6	Sep-21 8:00	-	-
NO ₂	ppb	3.7	99.9%	7.1	Sep-21	-	-	20.4	Sep-12 20:00	159	0
NO _x	ppb	4.8	99.9%	11.5	Sep-21	-	-	32.5	Sep-21 7:00	-	-
O ₃	ppb	28.5	99.9%	36.8	Sep-3	-	-	59.4	Sep-16 16:00	76	0
PM _{2.5}	ug/m3	13.7	99.9%	79.2	Sep-4	29	4	103.6	Sep-05 13:00	80	21

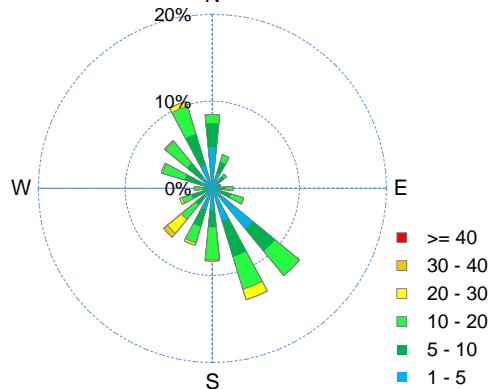
* Dotted lines are for AAAQO limits and solid lines are for averages.



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 PM2.5

PM 2.5 exceedances recorded at Crescent Heights, 3 X 24-hour and 37 X 1-hour. PM2.5 exceedances recorded at Taber, 3 X 24-hour and 34 X 1-hour. PM 2.5 exceedances recorded at Brooks, 4 X 24-hour and 21 X 1-hour

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