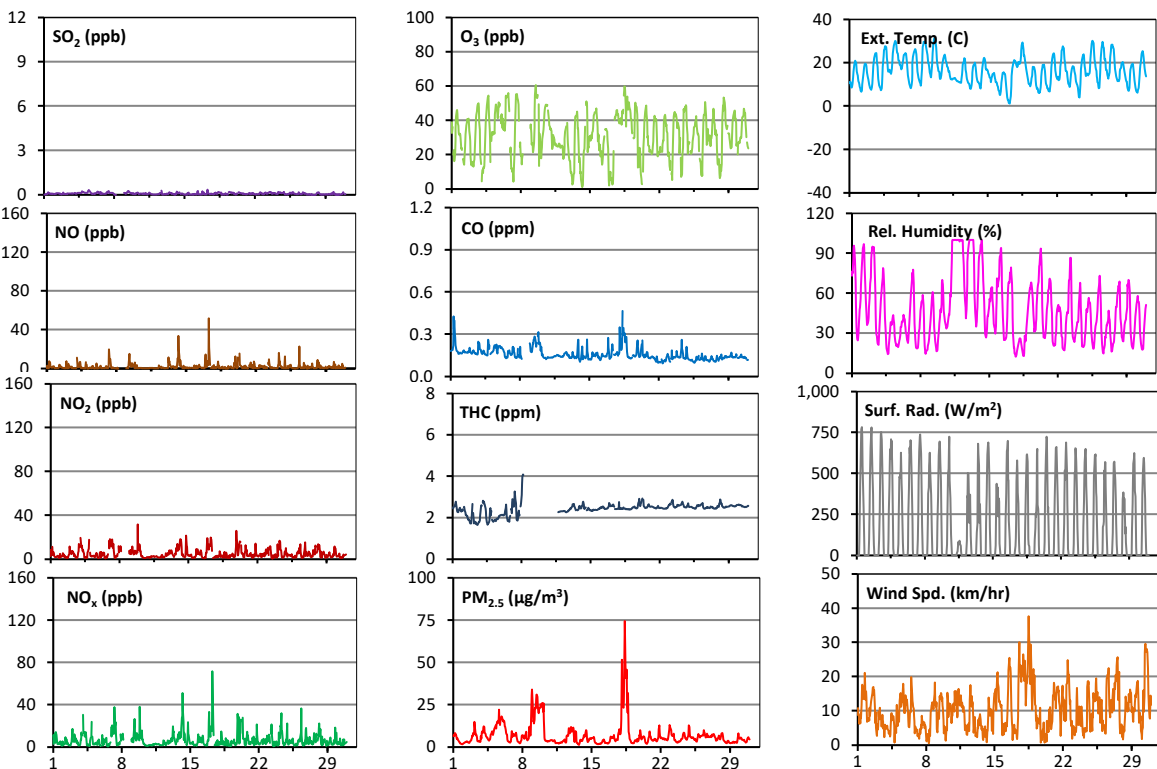
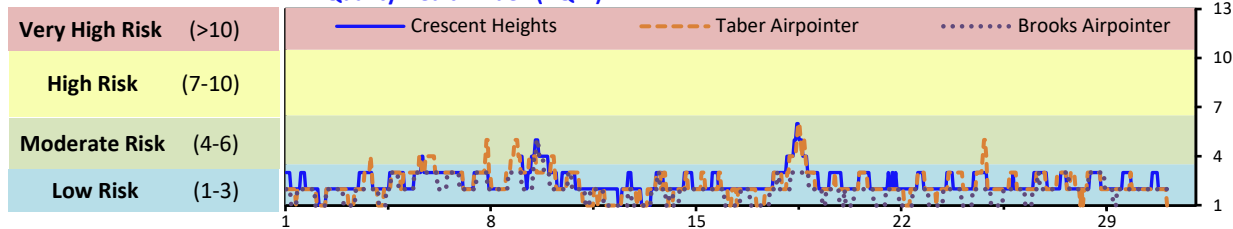


Palliser Airshed Society - September 2021 Summary Report

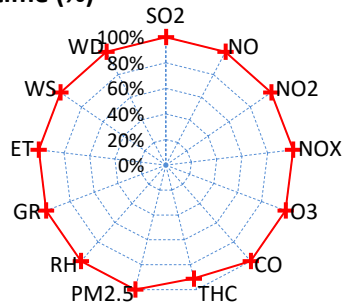
Continuous Sampling Results - Crescent Heights Station

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	Sep-5	48	0	< 1	Sep-17 7:00	172	0	
NO	ppb	1.7	100.0%	5.4	Sep-14	-	-	51.7	Sep-17 7:00	-	-	
NO ₂	ppb	4.9	100.0%	8.8	Sep-7	-	-	31.8	Sep-09 21:00	159	0	
NO _x	ppb	6.5	100.0%	14.0	Sep-14	-	-	71.7	Sep-17 7:00	-	-	
O ₃	ppb	31	100.0%	47	Sep-18	-	-	61	Sep-09 13:00	76	10	
CO	ppm	0.2	100.0%	0.2	Sep-18	-	-	0.5	Sep-18 9:00	13	0	
THC	ppm	2.4	91.1%	2.6	Sep-20	-	-	4.1	Sep-08 4:00	-	-	
PM _{2.5}	µg/m ³	7	100.0%	28	Sep-18	29	0	74	Sep-18 9:00	80	0	

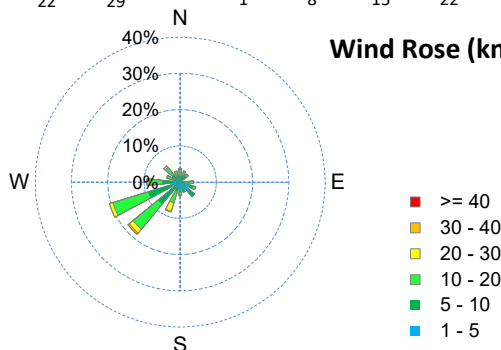
Air Quality Health Index (AQHI)



Instrument Uptime (%)

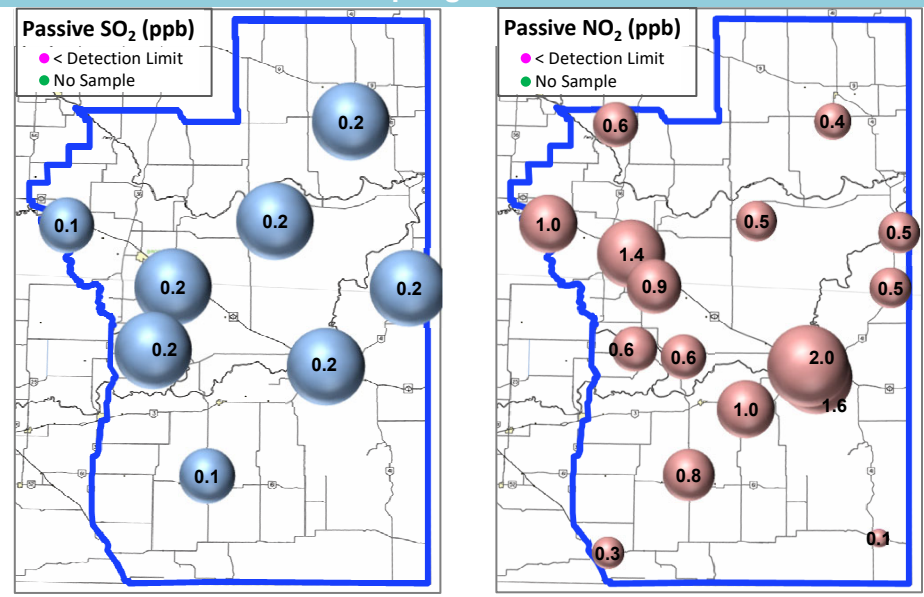


Wind Rose (km/hr)



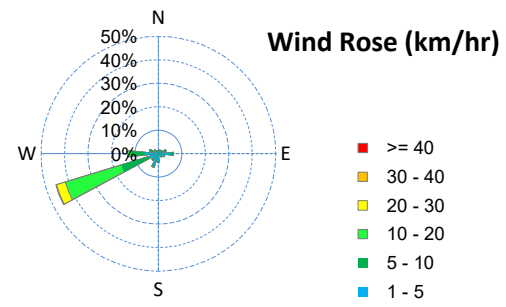
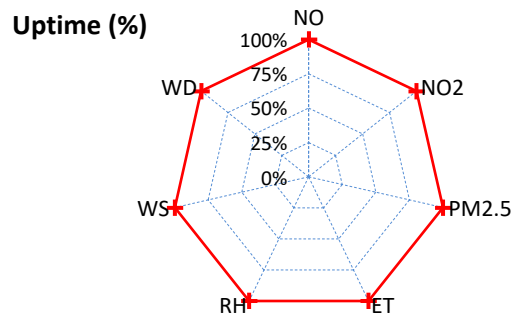
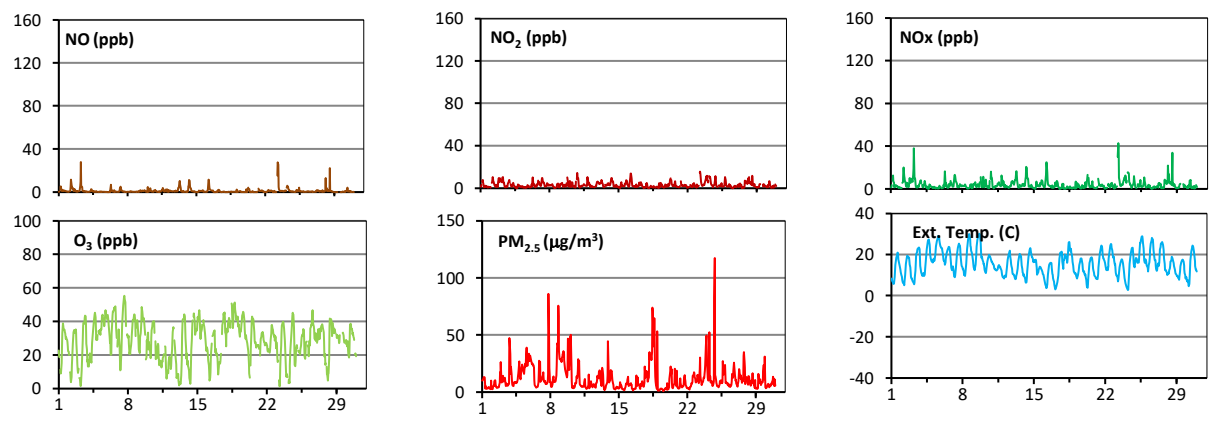
Palliser Airshed Society - September 2021 Summary Report

Passive Sampling Results



Continuous Sampling Results - Taber Airpointer

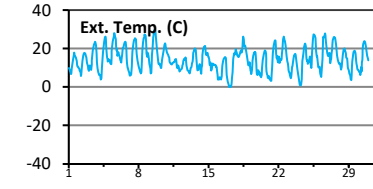
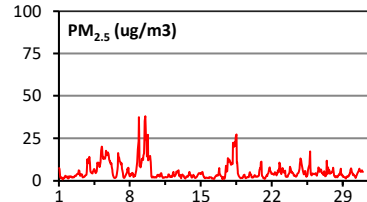
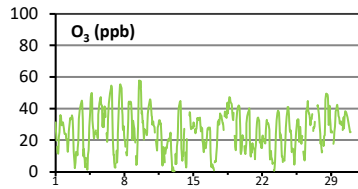
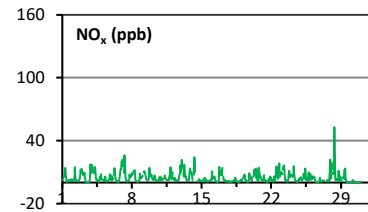
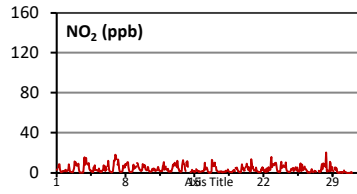
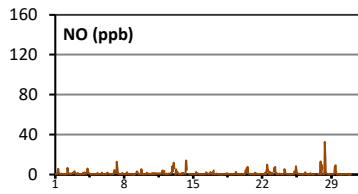
Pollutants	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
		Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	1.0	100.0%	3.7	Sep-23	-	-	27.8	Sep-03 7:00	-	-
NO ₂	ppb	2.9	100.0%	5.9	Sep-23	-	-	15.7	Sep-23 7:00	159	0
NO _x	ppb	2.9	100.0%	9.6	Sep-23	-	-	43.0	Sep-23 7:00	-	-
O ₃	ppb	29	100.0%	42	Sep-18	-	-	55	Sep-07 16:00	76	0
PM _{2.5}	ug/m3	12	100.0%	31	Sep-18	29	1	117	Sep-24 20:00	80	3



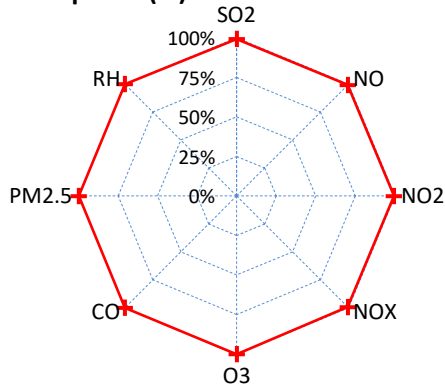
Palliser Airshed Society - September 2021 Summary Report

Continuous Sampling Results - Brooks

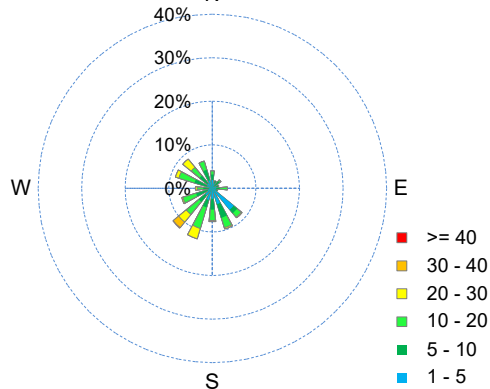
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	1.0	99.3%	3.3	Sep-28	-	-	32.5	Sep-28 9:00	-	-
NO ₂	ppb	3.6	99.3%	6.1	Sep-28	-	-	20.5	Sep-28 9:00	159	0
NO _x	ppb	4.6	99.3%	9.4	Sep-28	-	-	53.0	Sep-28 9:00	-	-
O ₃	ppb	27	99.3%	39	Sep-18	-	-	58	Sep-09 13:00	76	0
PM _{2.5}	ug/m3	5	100.0%	17	Sep-9	29	0	38	Sep-09 13:00	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 three 1-hour and one 24-hour PM_{2.5} exceedances recorded at Taber.

*All compliance parameters had > 90% operational uptime.