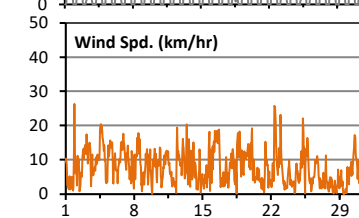
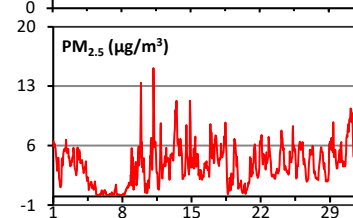
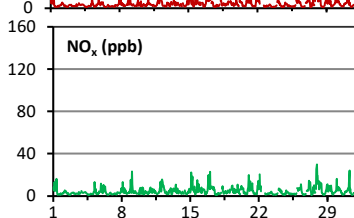
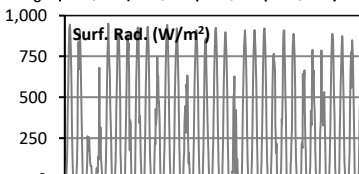
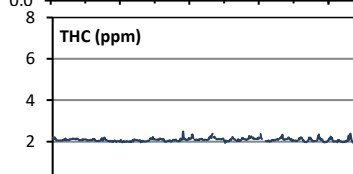
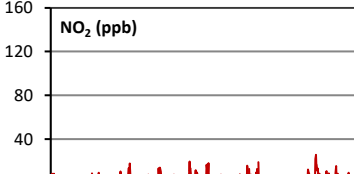
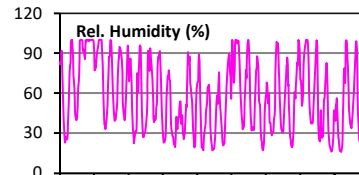
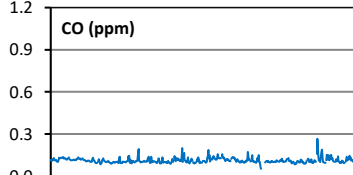
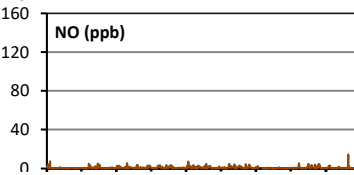
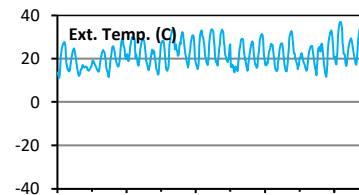
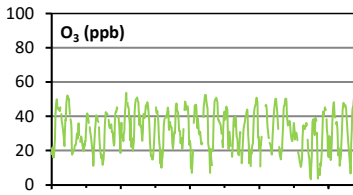
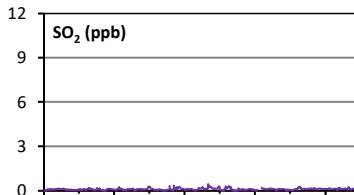
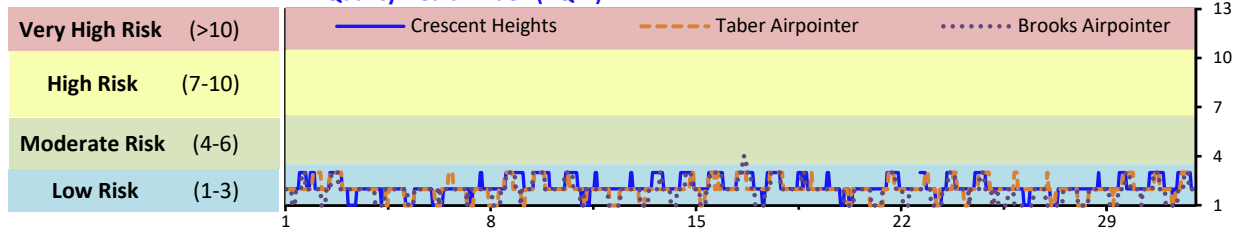


Palliser Airshed Society - July 2022 Summary Report

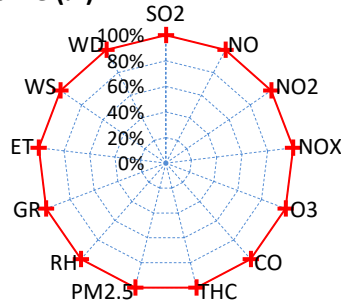
Continuous Sampling Results - Crescent Heights Station

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	Jul-17	48	0	< 1	Jul-17 9:00	172	0
NO	ppb	0.8	100.0%	1.5	Jul-27	-	-	14.4	Jul-31 7:00	-	-
NO ₂	ppb	3.8	100.0%	7.1	Jul-27	-	-	25.9	Jul-27 23:00	159	0
NO _x	ppb	4.4	100.0%	8.6	Jul-27	-	-	29.9	Jul-27 23:00	-	-
O ₃	ppb	32	100.0%	40	Jul-02	-	-	54	Jul-08 14:00	76	0
CO	ppm	0.1	100.0%	0.1	Jul-17	-	-	0.3	Jul-27 22:00	13	0
THC	ppm	2.1	100.0%	2.2	Jul-17	-	-	2.5	Jul-14 7:00	-	-
PM _{2.5}	µg/m ³	4	100.0%	7	Jul-13	29	0	15	Jul-11 4:00	80	0

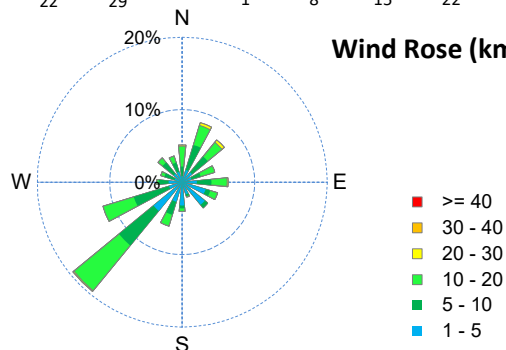
Air Quality Health Index (AQHI)



Instrument Uptime (%)

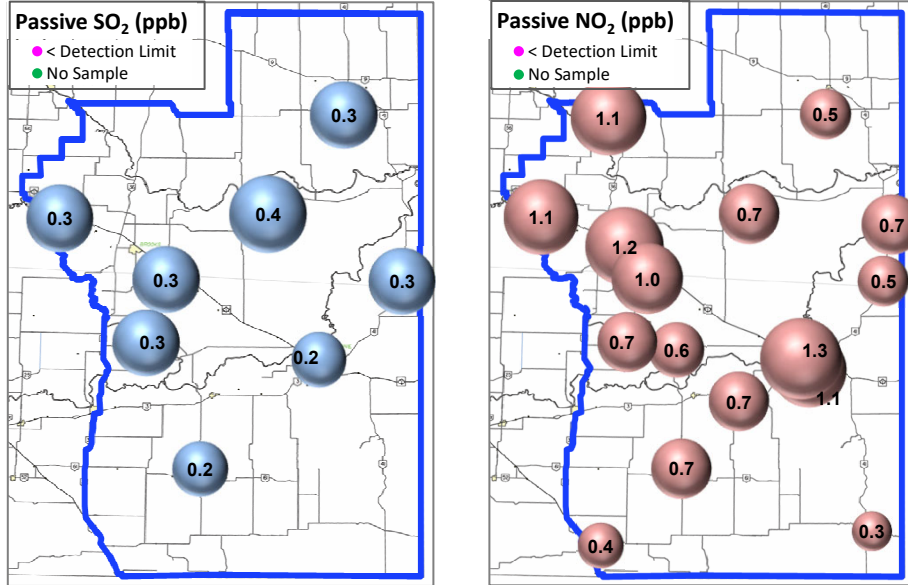


Wind Rose (km/hr)



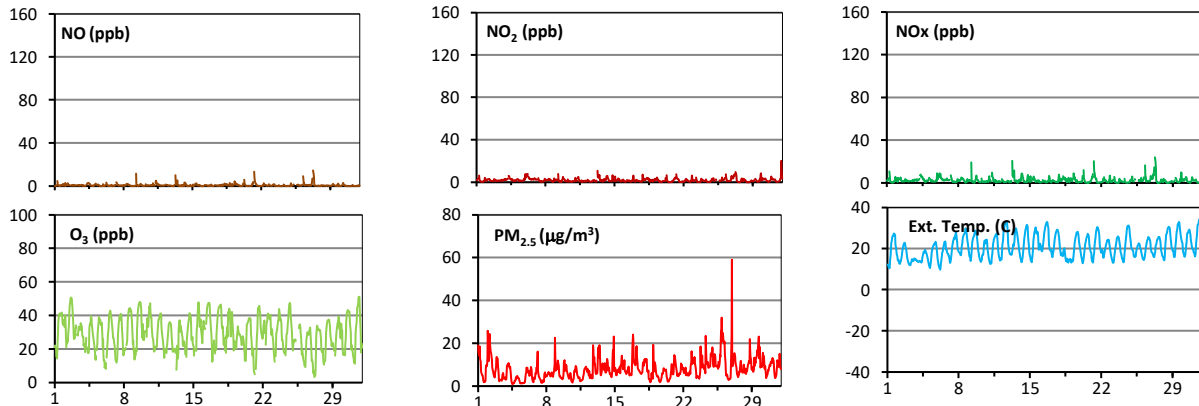
Palliser Airshed Society - July 2022 Summary Report

Passive Sampling Results

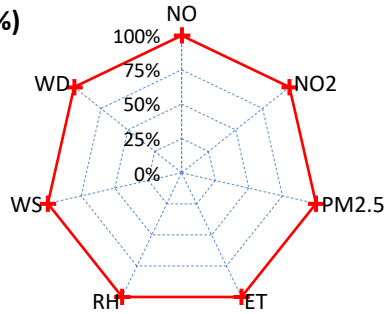


Continuous Sampling Results - Taber Airpointer

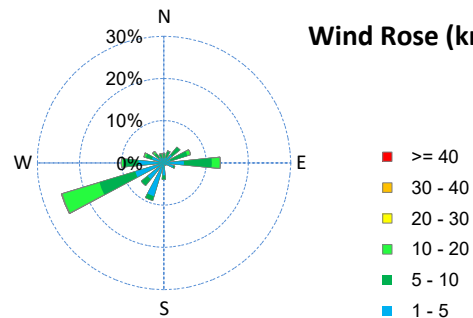
Pollutants	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
		Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	0.7	100.0%	2.0	Jul-27	-	-	14.4	Jul-27 7:00	-	-
NO ₂	ppb	1.8	100.0%	3.7	Jul-6	-	-	20.2	Jul-31 22:00	159	0
NO _x	ppb	2.4	100.0%	4.7	Jul-27	-	-	23.9	Jul-27 7:00	-	-
O ₃	ppb	29	100.0%	37	Jul-2	-	-	51	Jul-31 17:00	76	0
PM _{2.5}	ug/m3	8	100.0%	14	Jul-25	29	0	59	Jul-27 0:00	80	0



Uptime (%)



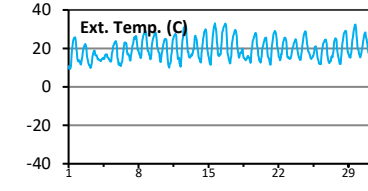
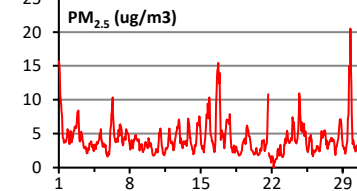
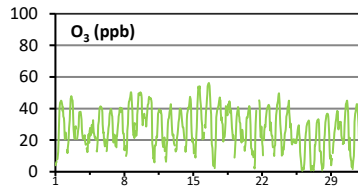
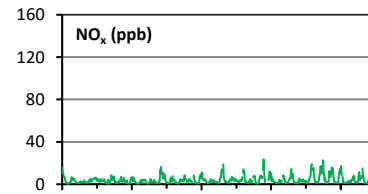
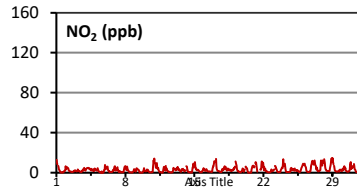
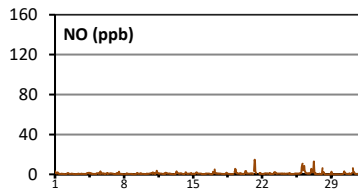
Wind Rose (km/hr)



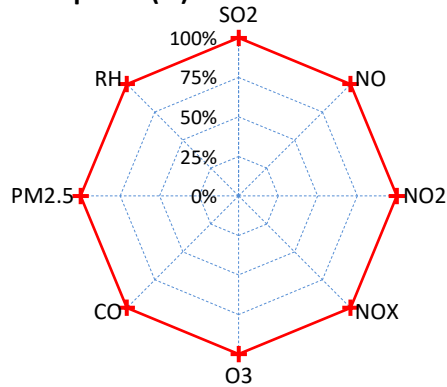
Palliser Airshed Society - July 2022 Summary Report

Continuous Sampling Results - Brooks

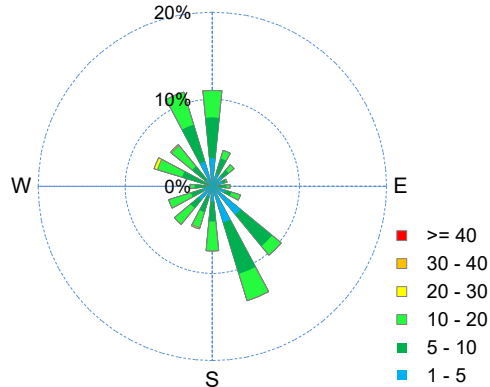
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc Unit	Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	0.9	100.0%	3.3	Jul-26	-	-	14.7	Jul-21 6:00	-	-
NO ₂	ppb	3.1	100.0%	6.3	Jul-28	-	-	14.7	Jul-29 1:00	159	0
NO _x	ppb	3.9	100.0%	8.0	Jul-26	-	-	23.5	Jul-21 6:00	-	-
O ₃	ppb	28	100.0%	39	Jul-9	-	-	56	Jul-16 15:00	76	0
PM _{2.5}	ug/m3	4	100.0%	8	Jul-16	29	0	20	Jul-29 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.

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