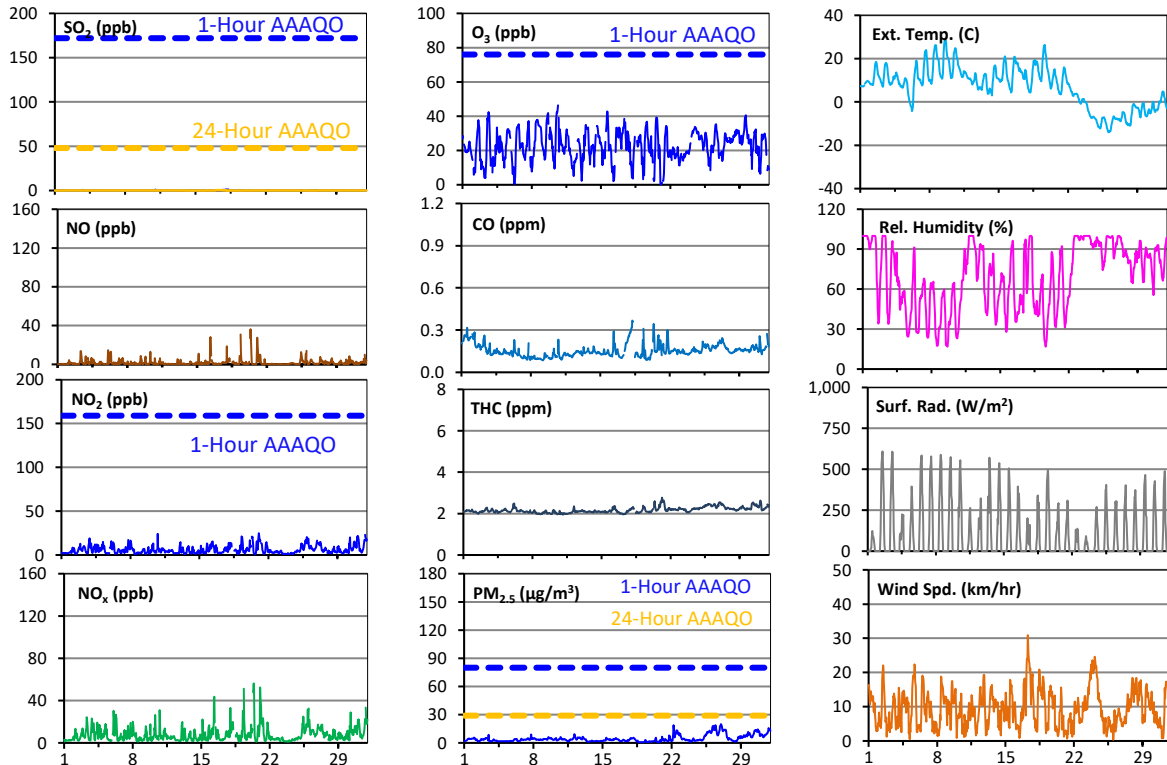
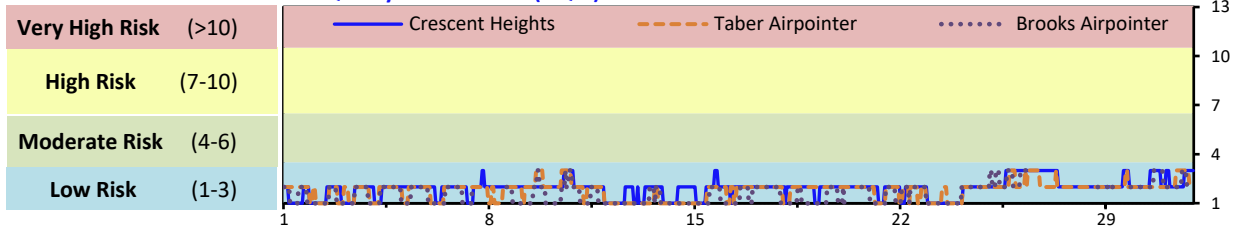


# Palliser Airshed Society - October 2023 Summary Report

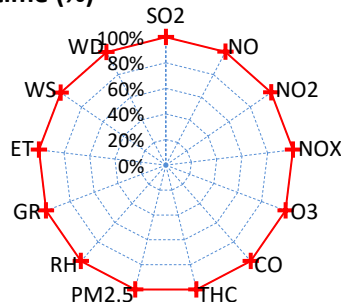
## Continuous Sampling Results - Crescent Heights Station

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 <sub>2</sub>	ppb	0.1	100.0%	0.4	Oct-18	48	0	1.3	Oct-18 7:00	172	0
NO	ppb	1.9	100.0%	5.0	Oct-20	-	-	36.3	Oct-20 9:00	-	-
NO <sub>2</sub>	ppb	6.0	100.0%	12.0	Oct-31	-	-	24.9	Oct-21 1:00	159	0
NO <sub>x</sub>	ppb	8.0	100.0%	14.6	Oct-21	-	-	56.2	Oct-20 9:00	-	-
O <sub>3</sub>	ppb	22.6	100.0%	30.1	Oct-24	-	-	46.4	Oct-10 16:00	76	0
CO	ppm	0.2	100.0%	0.2	Oct-1	-	-	0.4	Oct-18 6:00	13	0
THC	ppm	2.2	100.0%	2.4	Oct-26	-	-	2.8	Oct-21 4:00	-	-
PM <sub>2.5</sub>	µg/m <sup>3</sup>	4.6	100.0%	14	Oct-26	29	0	19.9	Oct-27 0:00	80	0

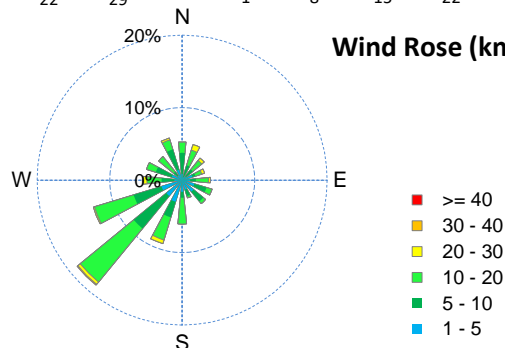
### Air Quality Health Index (AQHI)



### Instrument Uptime (%)

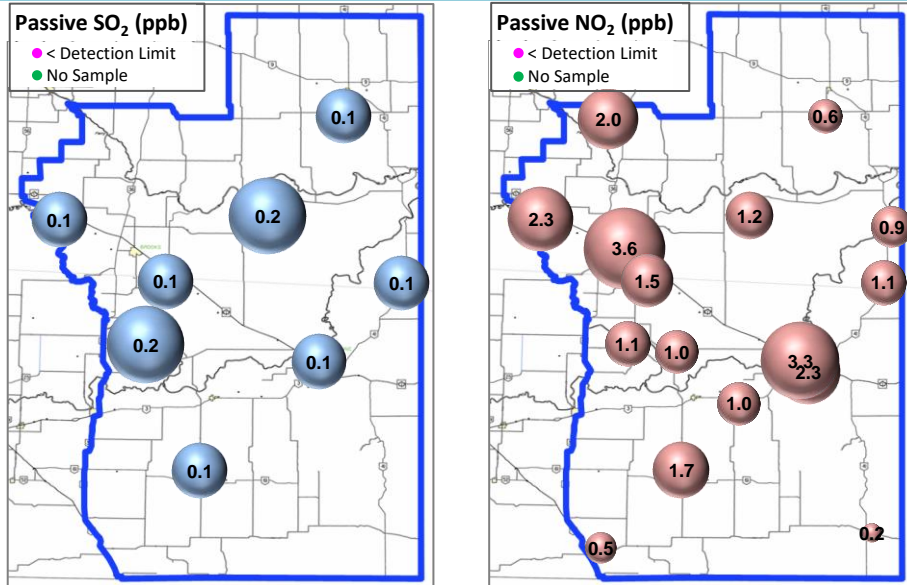


### Wind Rose (km/hr)



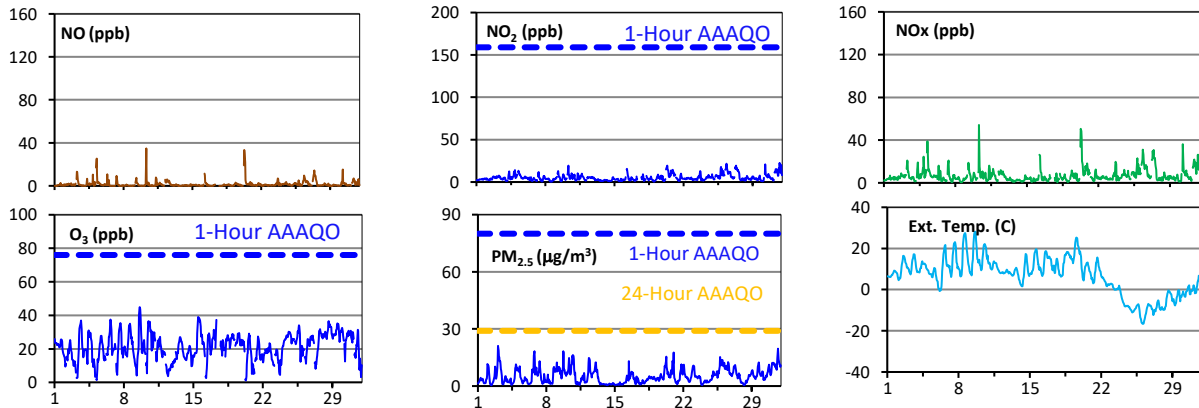
# Palliser Airshed Society - October 2023 Summary Report

## Passive Sampling Results

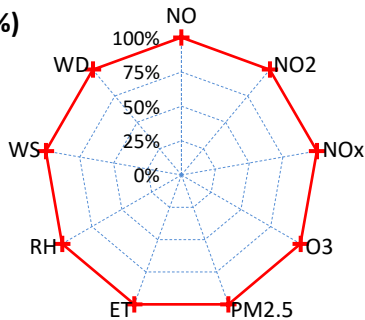


## Continuous Sampling Results - Taber Airpointer

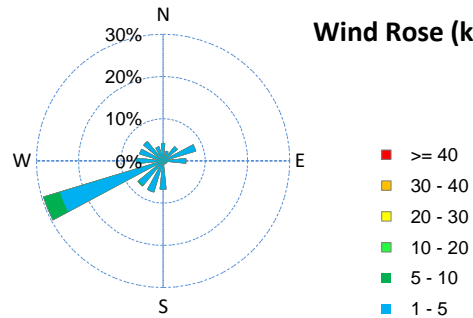
Pollutants	Conc Unit	Month Records		24-Hour Records				1-Hour Records			
		Avg. Conc.	Uptime	Maximum		AAAQO Objective	Exceed No.	Maximum		AAAQO Objective	Exceed No.
				Conc	Time			Conc	Time		
NO	ppb	1.6	100.0%	6.0	Oct-20	-	-	34.8	Oct-10 8:00	-	-
NO <sub>2</sub>	ppb	5.3	100.0%	11.8	Oct-31	-	-	22.6	Oct-31 18:00	159	0
NO <sub>x</sub>	ppb	6.9	100.0%	16.3	Oct-20	-	-	54.2	Oct-10 8:00	-	-
O <sub>3</sub>	ppb	21.2	100.0%	30.4	Oct-28	-	-	44.9	Oct-09 14:00	76	0
PM <sub>2.5</sub>	ug/m3	5.3	100.0%	11.7	Oct-31	29	0	21.1	Oct-03 2:00	80	0



### Uptime (%)



### Wind Rose (km/hr)

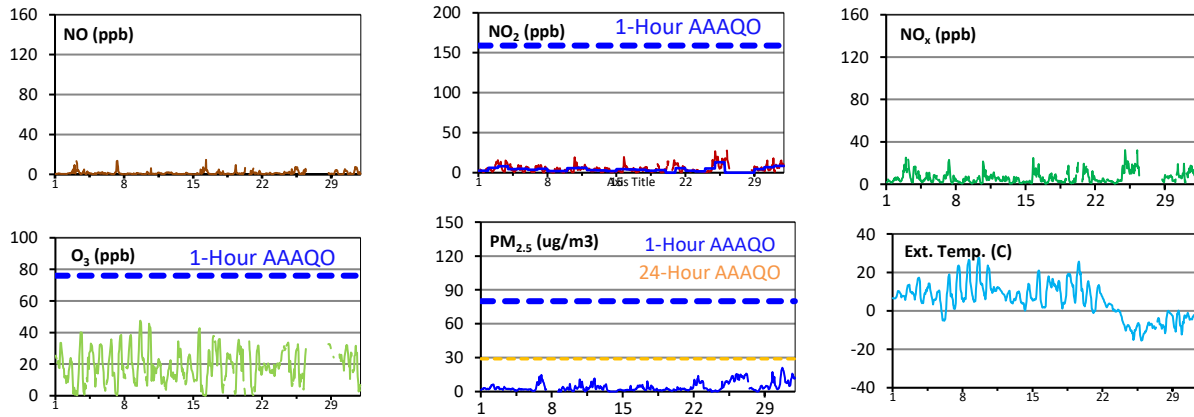


# Palliser Airshed Society - October 2023 Summary Report

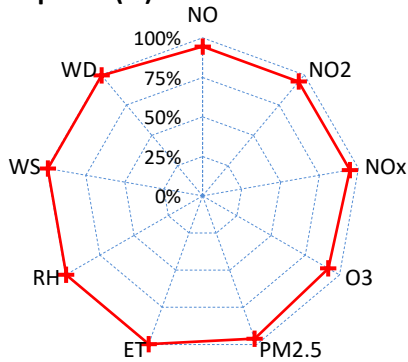
## Continuous Sampling Results - Brooks

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	1.4	94.5%	3.1	Oct-25	-	-	14.5	Oct-16 8:00	-	-
NO <sub>2</sub>	ppb	4.9	94.5%	13.1	Oct-25	-	-	27.7	Oct-26 6:00	159	0
NO <sub>x</sub>	ppb	6.2	94.5%	16.1	Oct-25	-	-	32.3	Oct-25 1:00	-	-
O <sub>3</sub>	ppb	19.1	91.7%	27	Oct-17	-	-	47.5	Oct-09 16:00	76	0
PM <sub>2.5</sub>	ug/m3	4.2	96.1%	12.9	Oct-26	29	0	21.1	Oct-30 18:00	80	0

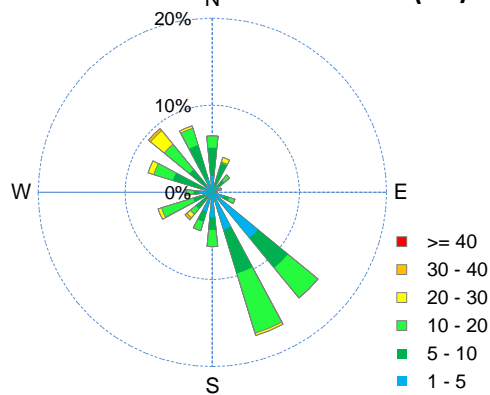
\* Dotted lines are for AAAQO limits and solid lines are for averages.



### 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.

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