

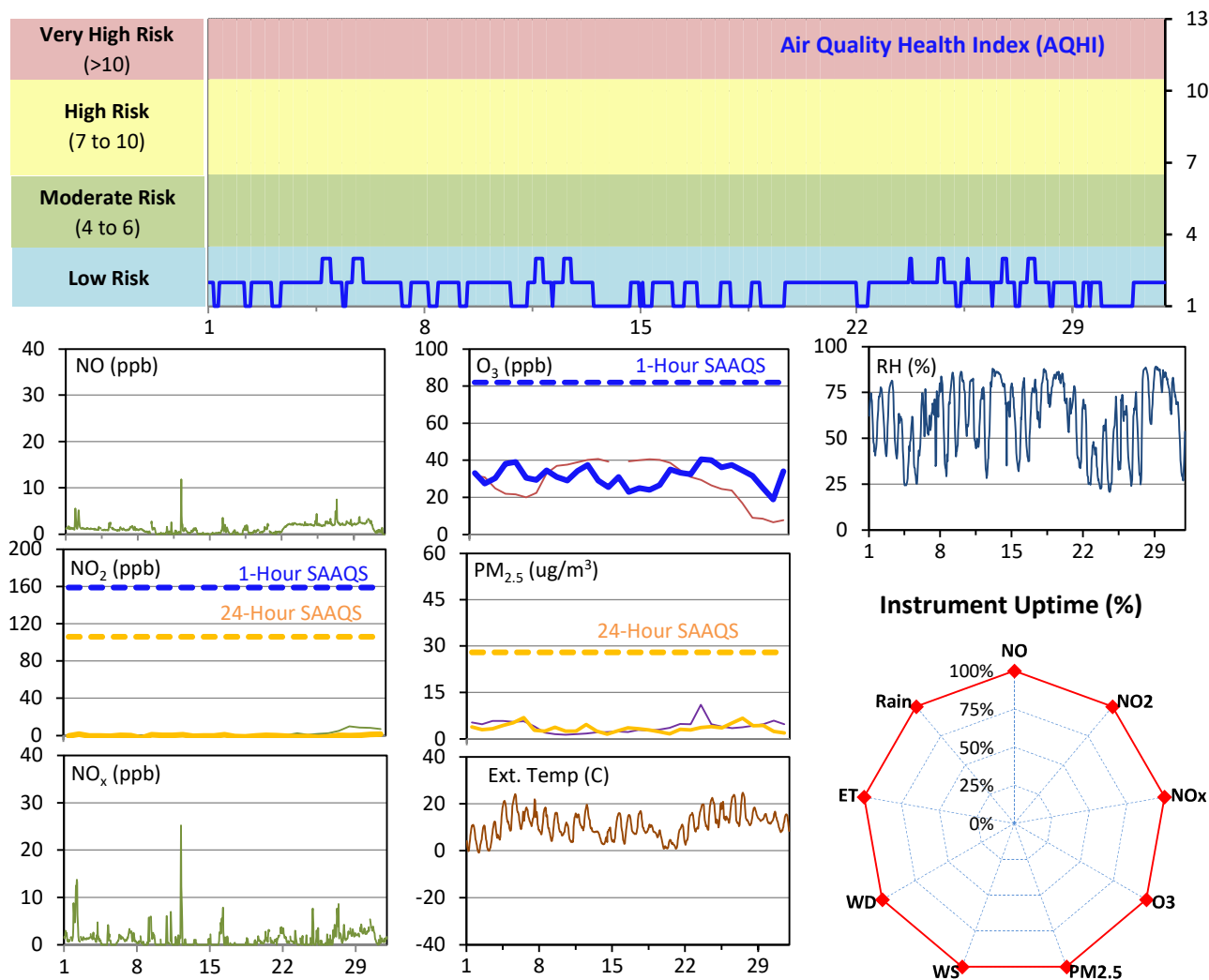
SESAA Esterhazy Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	1.2	100.0%	2.6	May-27	-	-	11.8	May-12 05:00	-	-
NO ₂	ppb	0.4	100.0%	1.6	May-31	106	0	13.5	May-12 05:00	159	0
NO _x	ppb	1.3	100.0%	4.1	May-2	-	-	25.3	May-12 05:00	-	-
O ₃	ppb	32	100.0%	41	May-23	-	-	54	May-27 15:00	82	0
PM _{2.5}	ug/m3	3	100.0%	7	May-6	28	0	19	May-04 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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



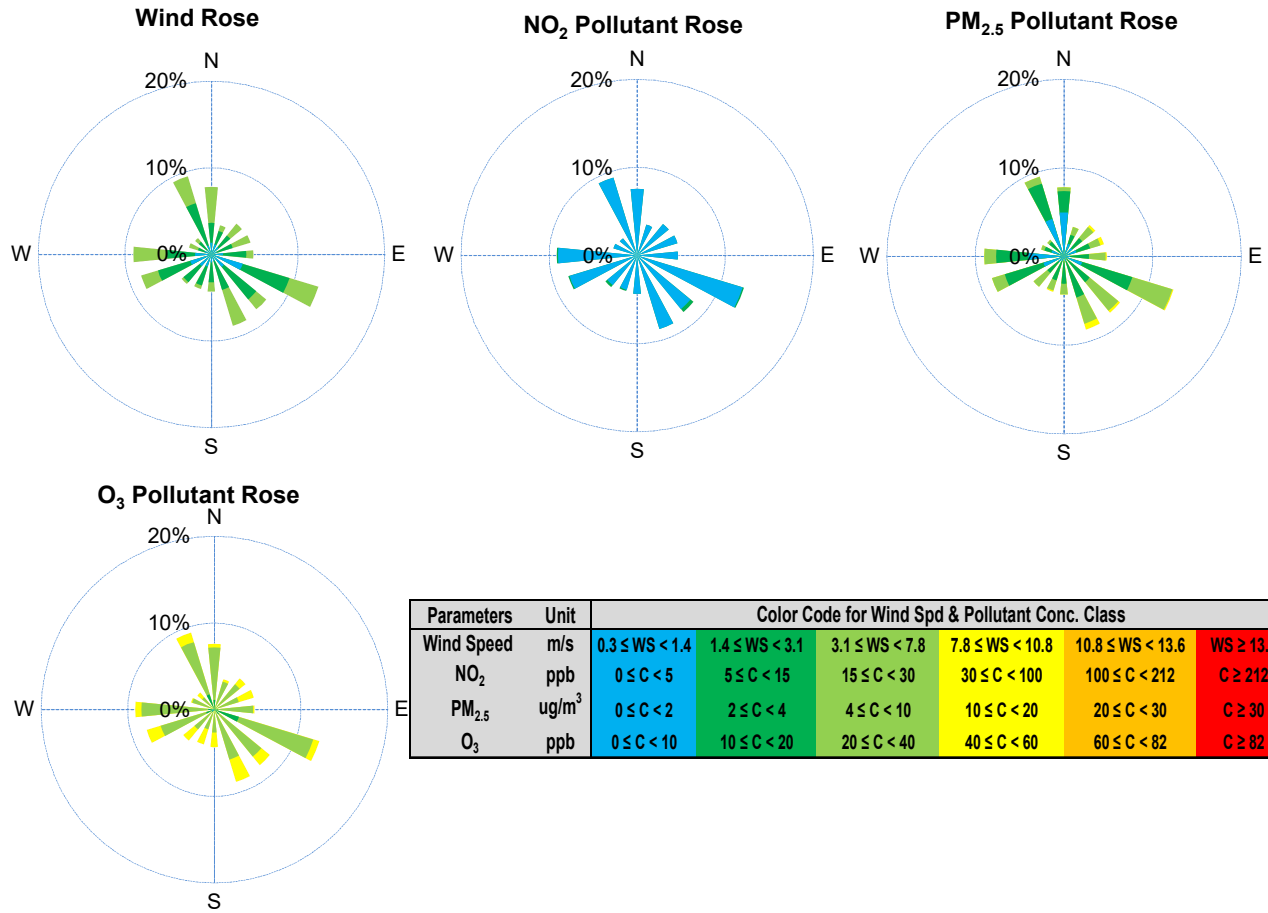
Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational.

SESAA Esterhazy Station - May 2022 Summary Report



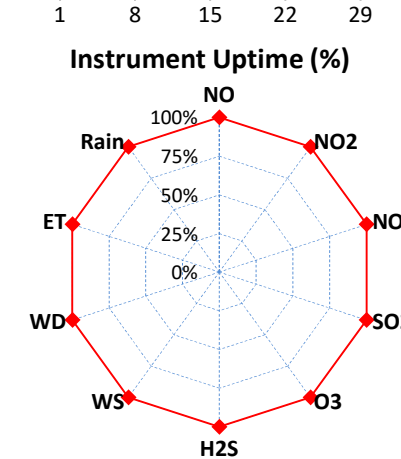
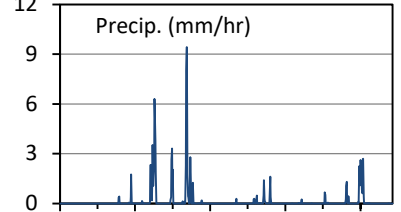
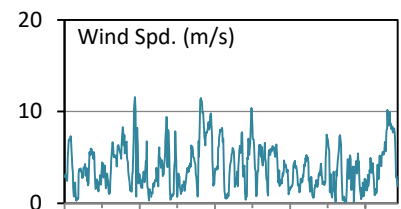
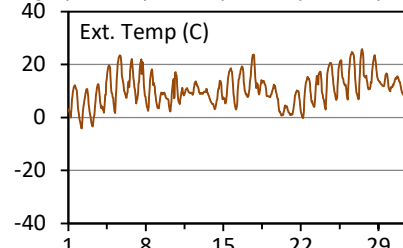
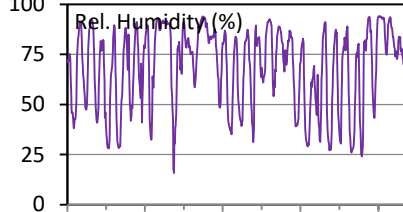
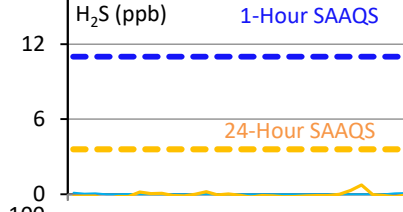
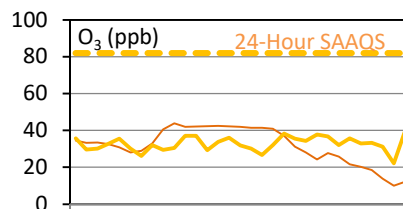
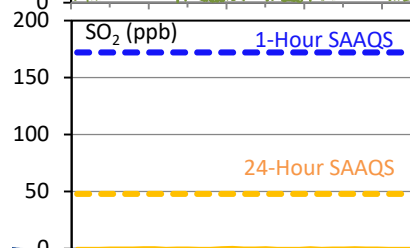
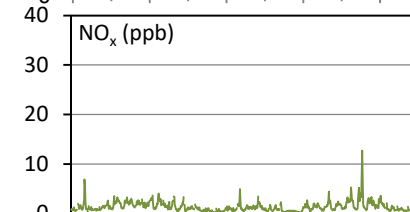
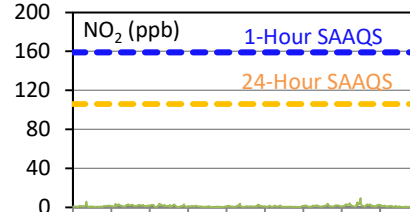
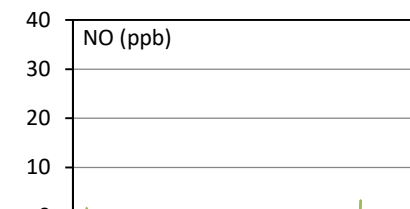
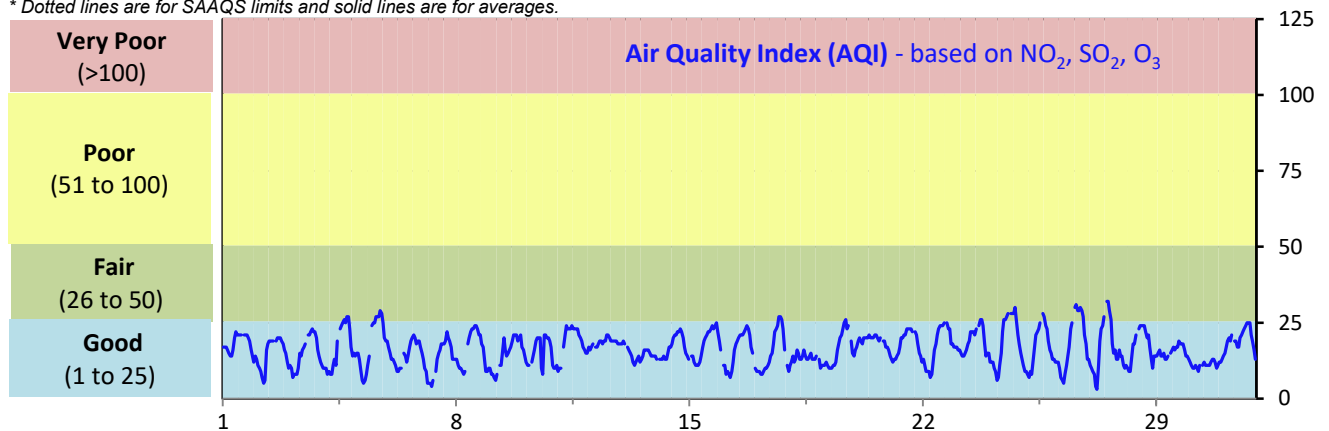
SESAA Glen Ewen Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.2	100.0%	0.6	May-8	-	-	3.4	May-27 05:00	-	-
NO ₂	ppb	1.1	100.0%	2.7	May-27	106	0	9.3	May-27 05:00	159	0
NO _x	ppb	1.3	100.0%	3.0	May-27	-	-	12.7	May-27 05:00	-	-
SO ₂	ppb	0.1	100.0%	0.7	May-15	48	0	3.6	May-26 09:00	172	0
O ₃	ppb	33	100.0%	39	May-31	-	-	58	May-27 12:00	82	0
H ₂ S	ppb	0.1	100.0%	0.2	May-7	3.6	0	4.3	May-26 23:00	11	0

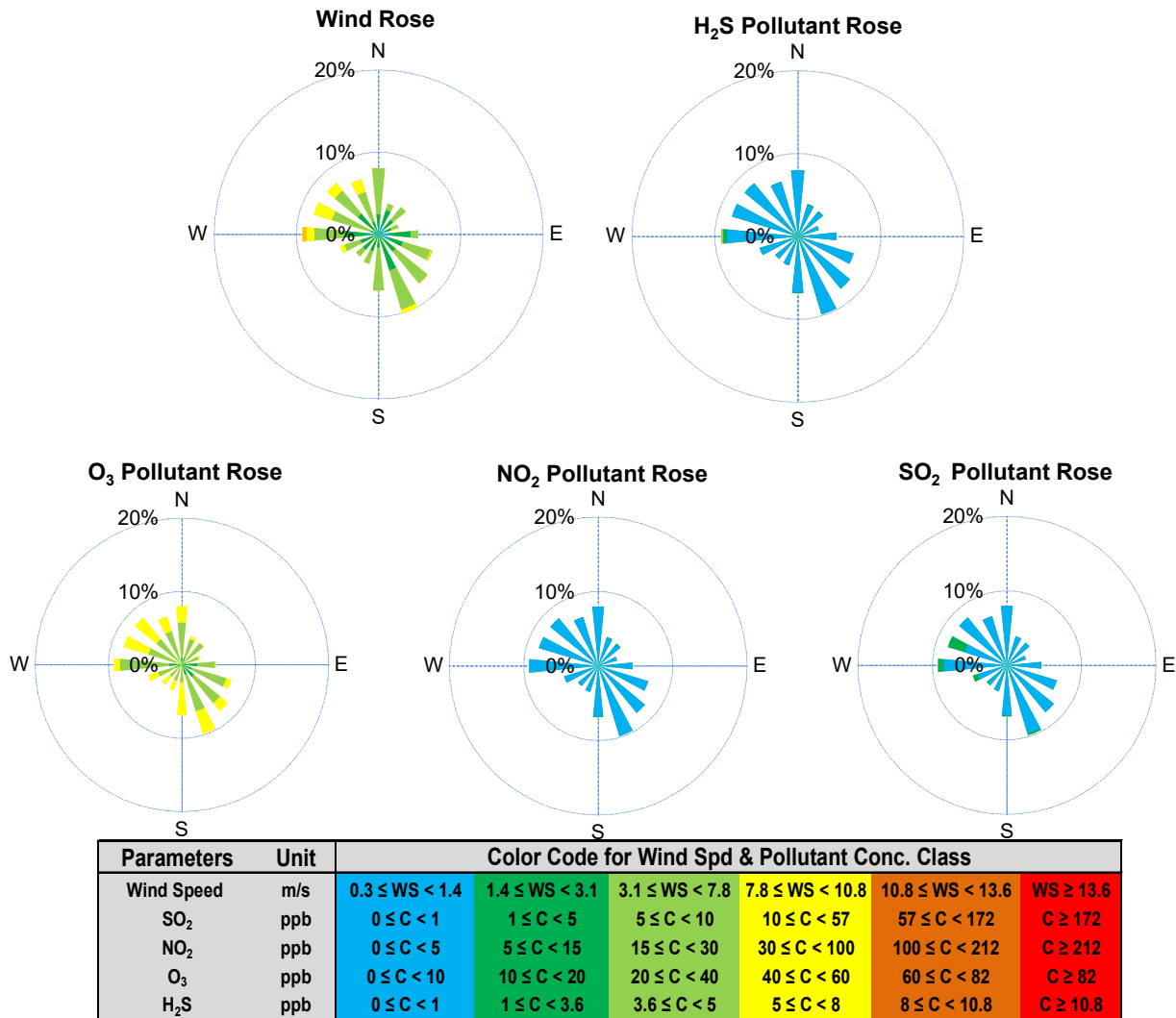
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* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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SESAA Glen Ewen Station - May 2022 Summary Report



Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational.

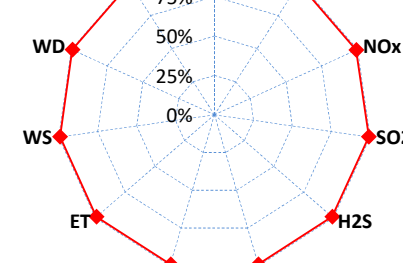
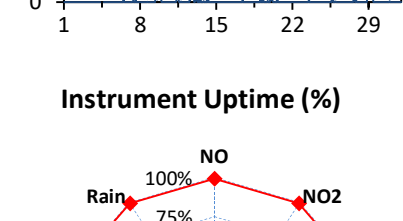
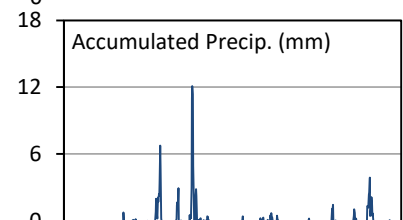
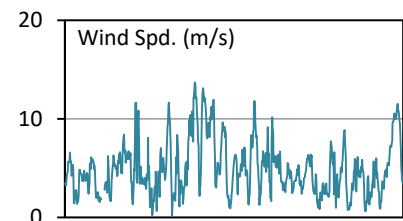
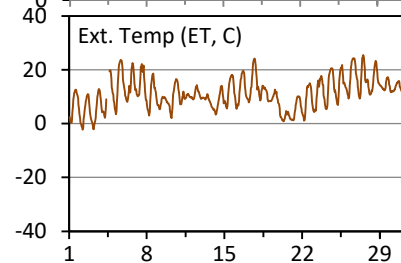
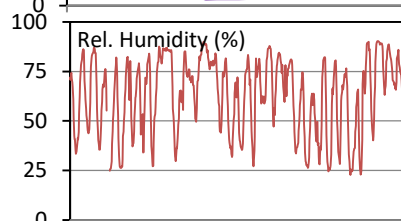
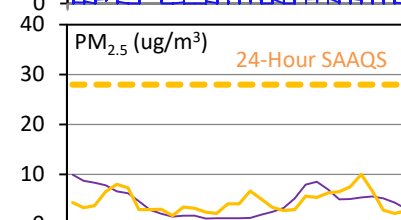
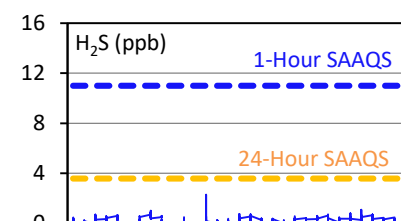
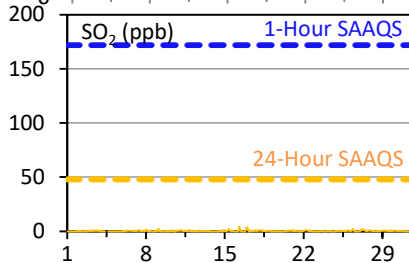
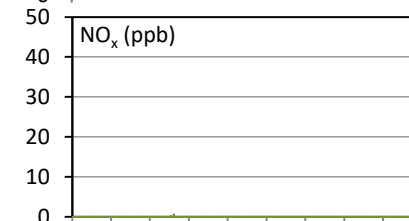
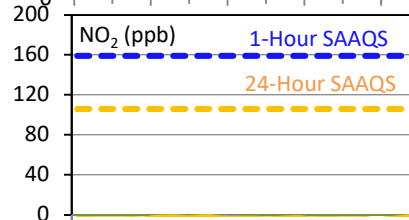
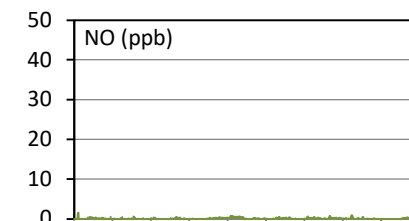
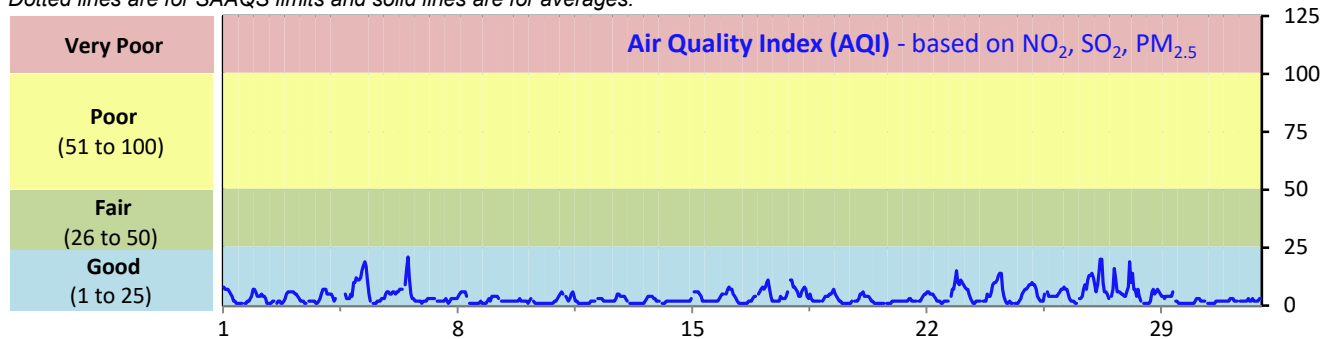
SESAA Oxbow Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.1	99.2%	0.4	Mar-06	-	-	1.6	May-01 09:00	-	-
NO ₂	ppb	< 0.1	99.2%	< 0.1	Mar-06	106	0	0.6	May-10 03:00	159	0
NO _x	ppb	< 0.1	99.2%	< 0.1	Mar-06	-	-	0.7	May-10 03:00	-	-
SO ₂	ppb	0.3	99.2%	0.8	May-27	48	0	4.5	May-16 07:00	172	0
H ₂ S	ppb	0.2	99.2%	0.7	May-8	3.6	0	2.3	May-13 17:00	11	0
PM _{2.5}	ug/m3	5	99.2%	10	May-27	28	0	25	May-06 12:00	-	-

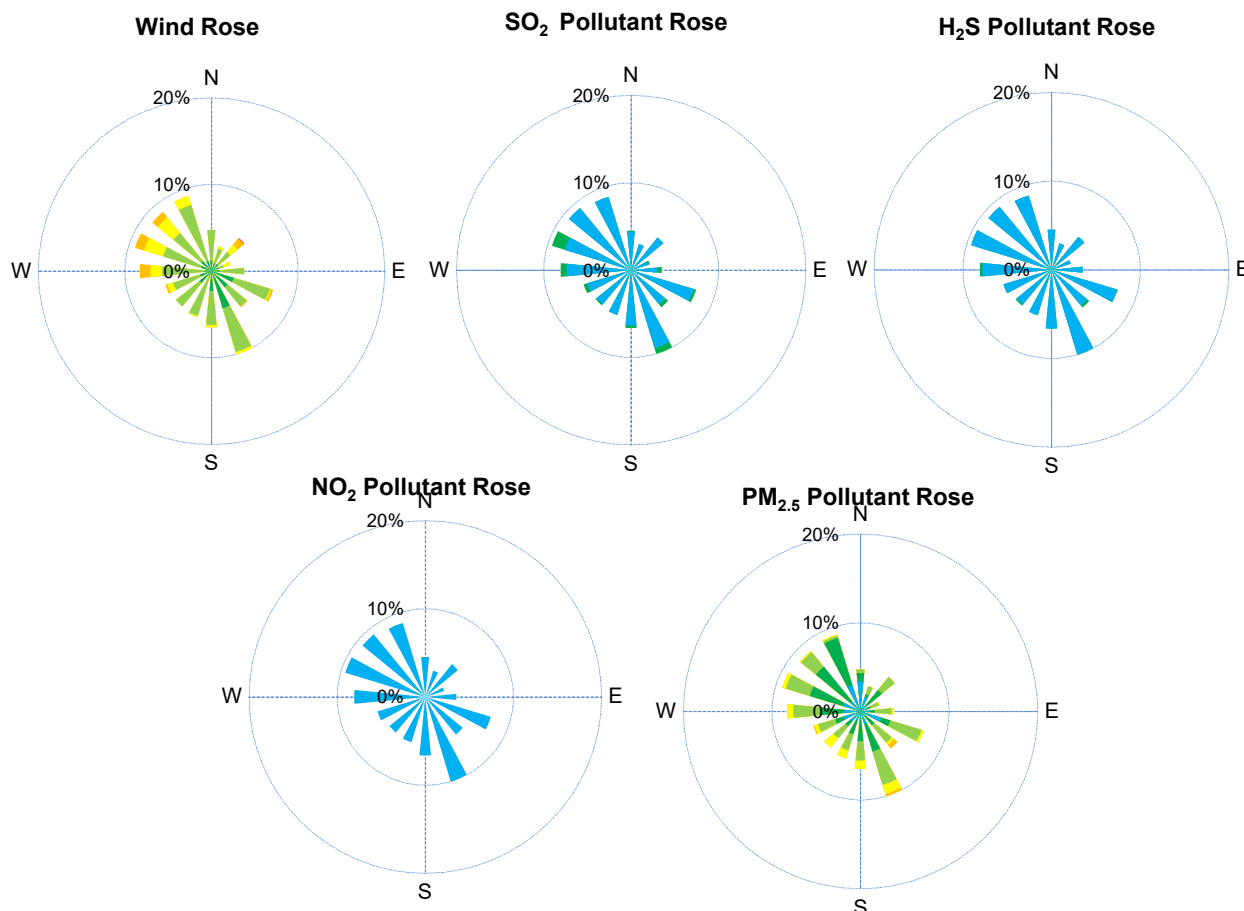
SAAQS: Saskatchewan Ambient Air Quality Standards

* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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



SESAA Oxbow Station - May 2022 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters had greater than 90% operational uptime.

* 6 hours of data for all parameters flagged as "power failure" due to power issues on site.

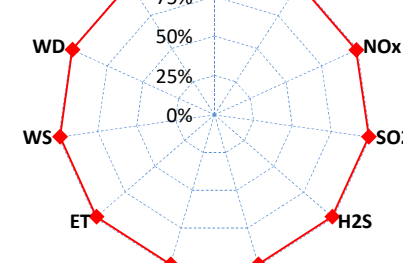
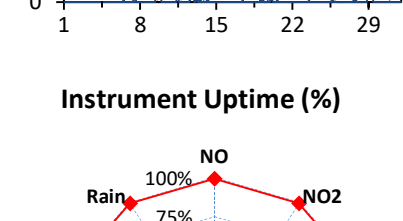
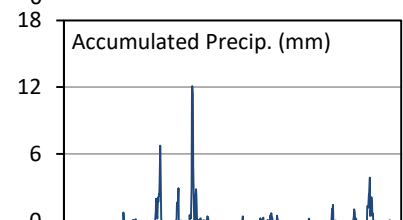
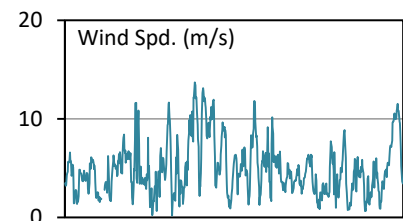
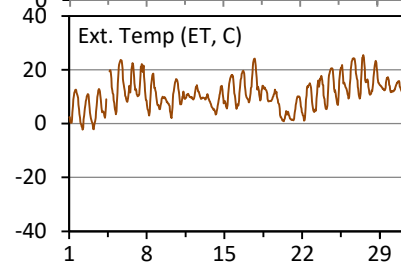
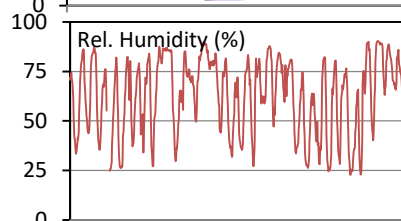
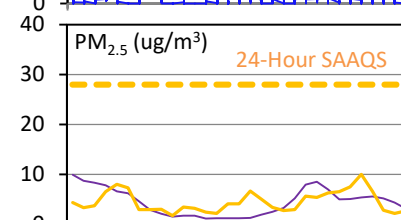
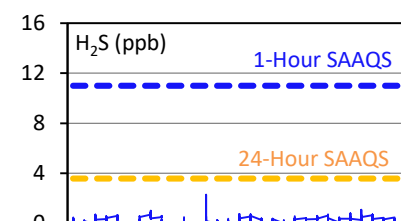
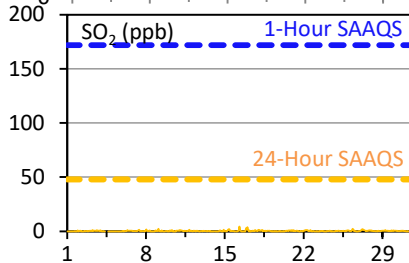
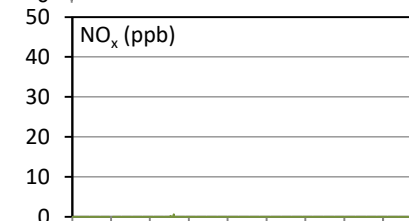
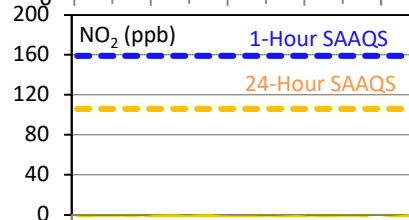
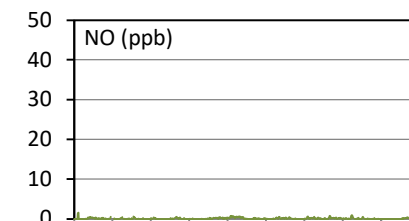
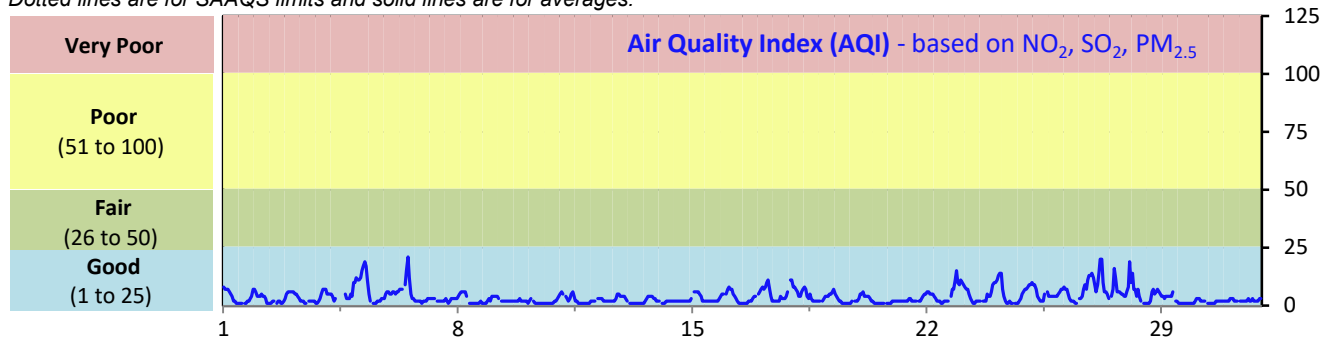
SESAA Oxbow Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.1	99.2%	0.4	Mar-06	-	-	1.6	May-01 09:00	-	-
NO ₂	ppb	< 0.1	99.2%	< 0.1	Mar-06	106	0	0.6	May-10 03:00	159	0
NO _x	ppb	< 0.1	99.2%	< 0.1	Mar-06	-	-	0.7	May-10 03:00	-	-
SO ₂	ppb	0.3	99.2%	0.8	May-27	48	0	4.5	May-16 07:00	172	0
H ₂ S	ppb	0.2	99.2%	0.7	May-8	3.6	0	2.3	May-13 17:00	11	0
PM _{2.5}	ug/m3	5	99.2%	10	May-27	28	0	25	May-06 12:00	-	-

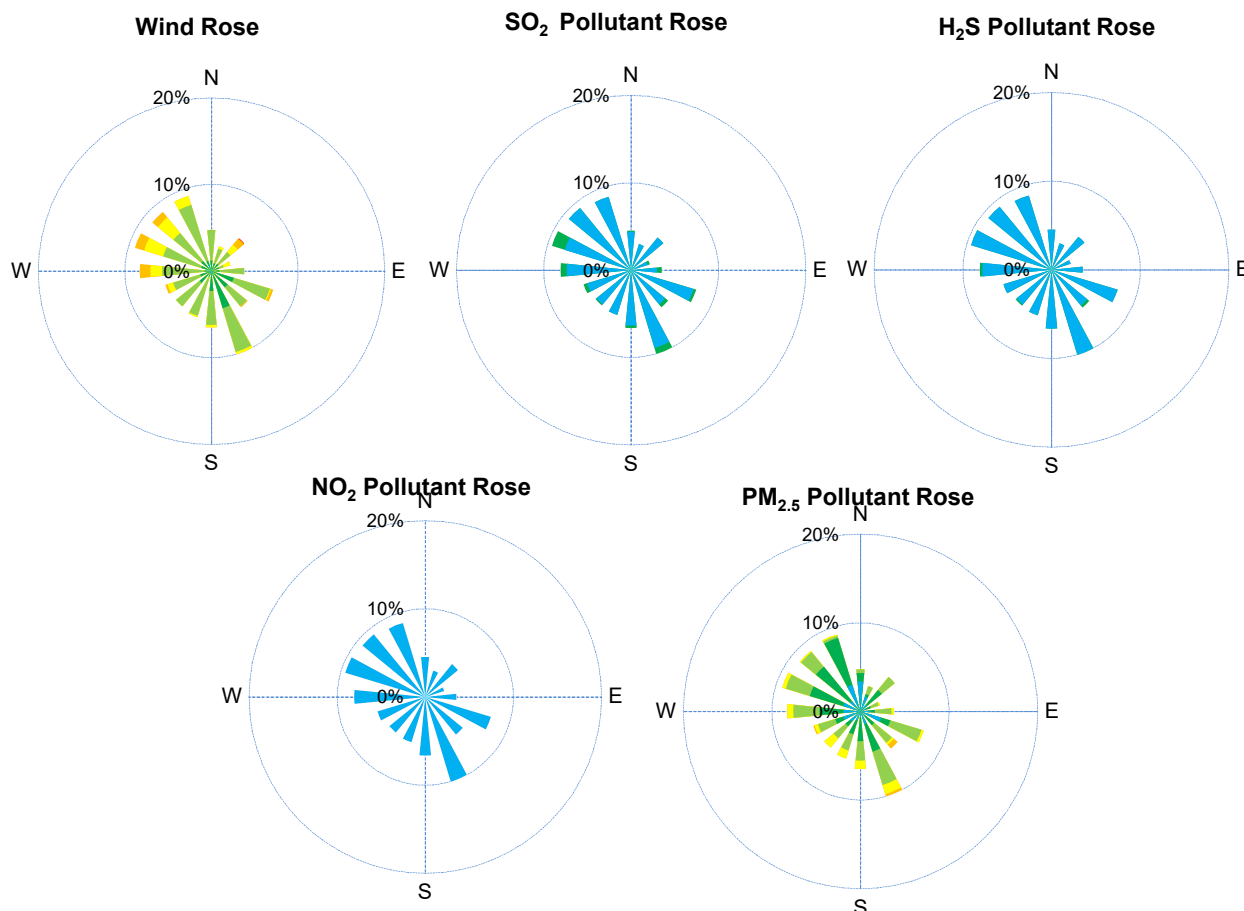
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SESAA Oxbow Station - May 2022 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

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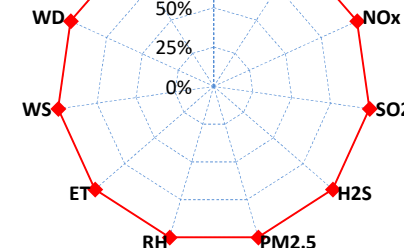
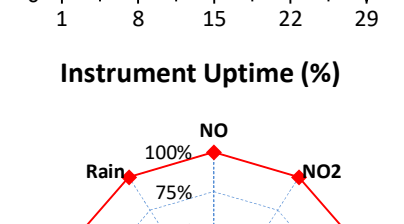
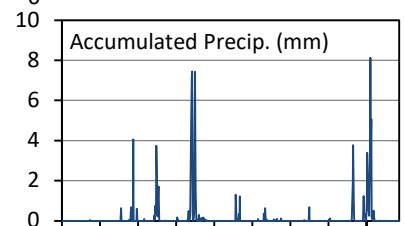
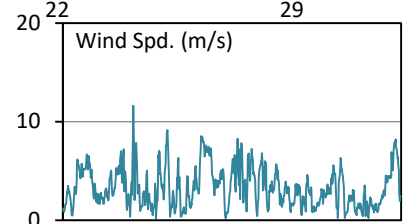
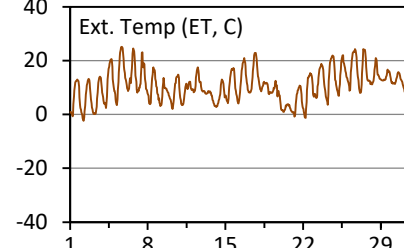
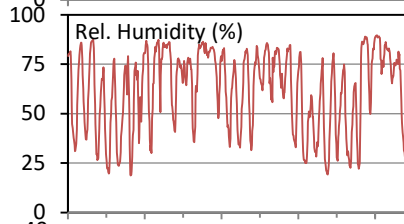
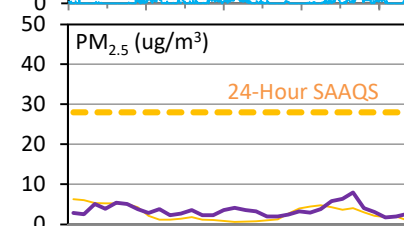
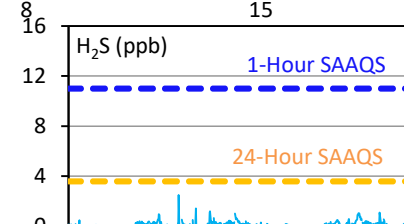
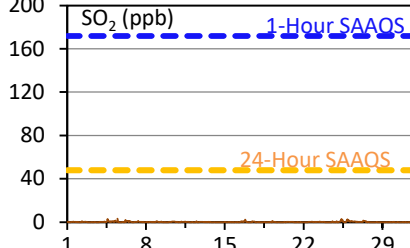
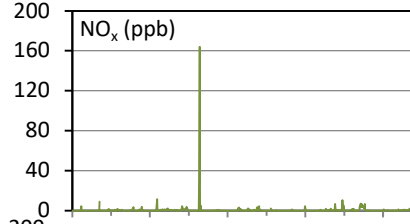
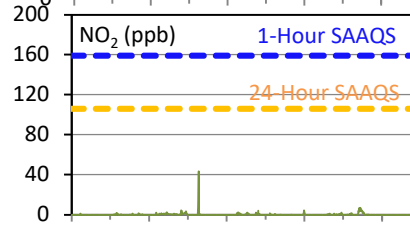
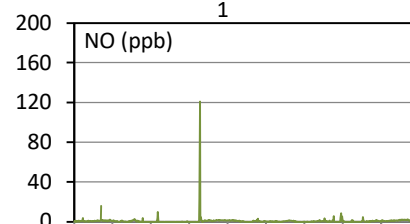
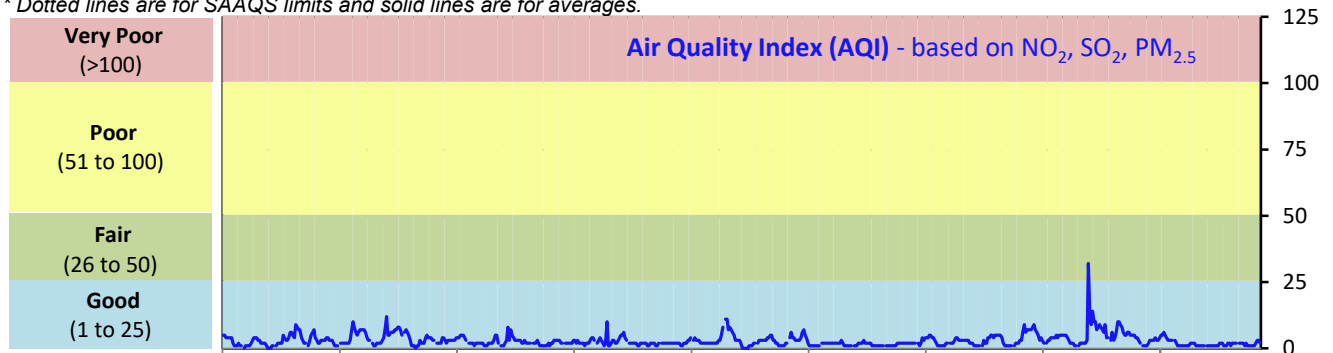
SESAA Stoughton Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.7	100.0%	1.6	May-3	-	-	121.0	May-12 11:00	-	-
NO ₂	ppb	0.3	100.0%	0.7	May-9	106	0	43.3	May-12 11:00	159	0
NO _x	ppb	0.7	100.0%	0.5	May-31	-	-	164.1	May-12 11:00	-	-
SO ₂	ppb	0.2	100.0%	0.8	May-25	48	0	3.3	May-05 11:00	172	0
H ₂ S	ppb	0.1	100.0%	0.5	May-27	3.6	0	2.5	May-10 22:00	11	0
PM _{2.5}	ug/m3	4	100.0%	8	May-27	28	0	43	May-26 20:00	-	-

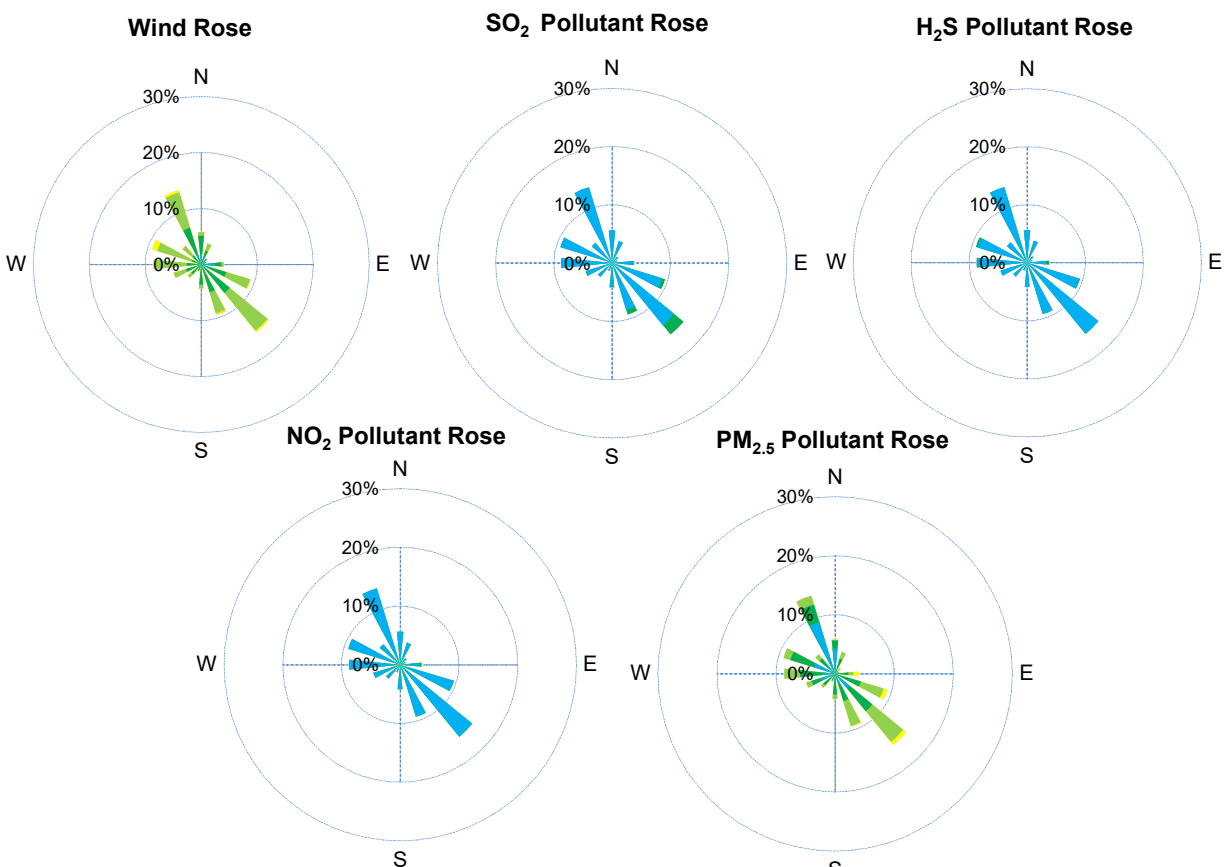
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SESAA Stoughton Station - May 2022 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters had greater than 90% operational uptime.

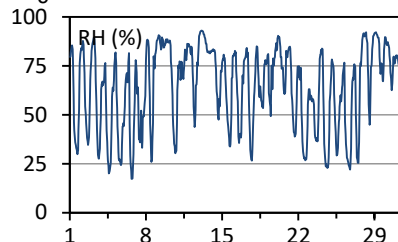
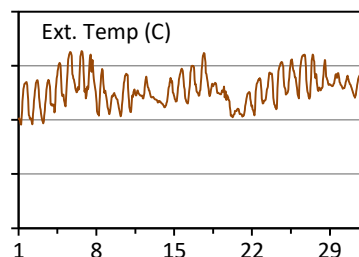
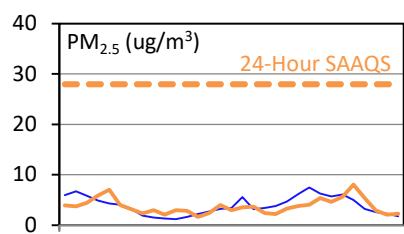
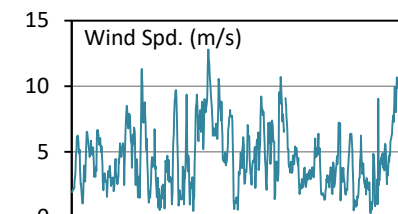
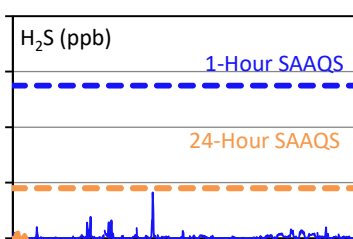
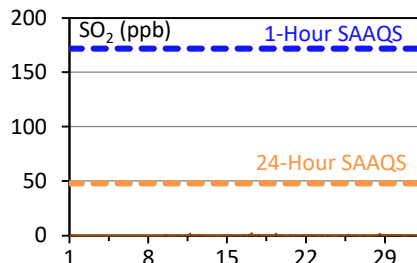
SESAA Torquay Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	0.1	100.0%	0.4	May-17	48	0	2.4	May-17 04:00	172	0
H ₂ S	ppb	0.1	100.0%	0.3	May-9	3.6	0	3.3	May-13 15:00	11	0
PM _{2.5}	ug/m3	4	100.0%	8	May-27	28	0	23	May-26 21:00	-	-

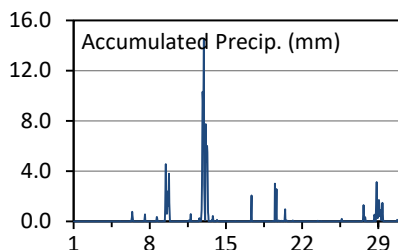
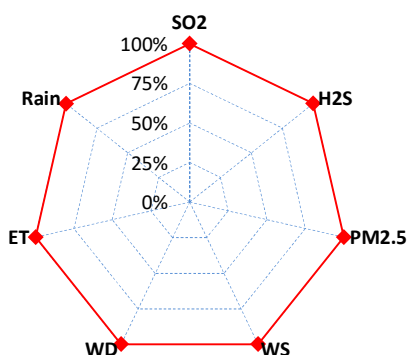
SAAQS: Saskatchewan Ambient Air Quality Standards

* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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



Instrument Uptime (%)



Monthly Update

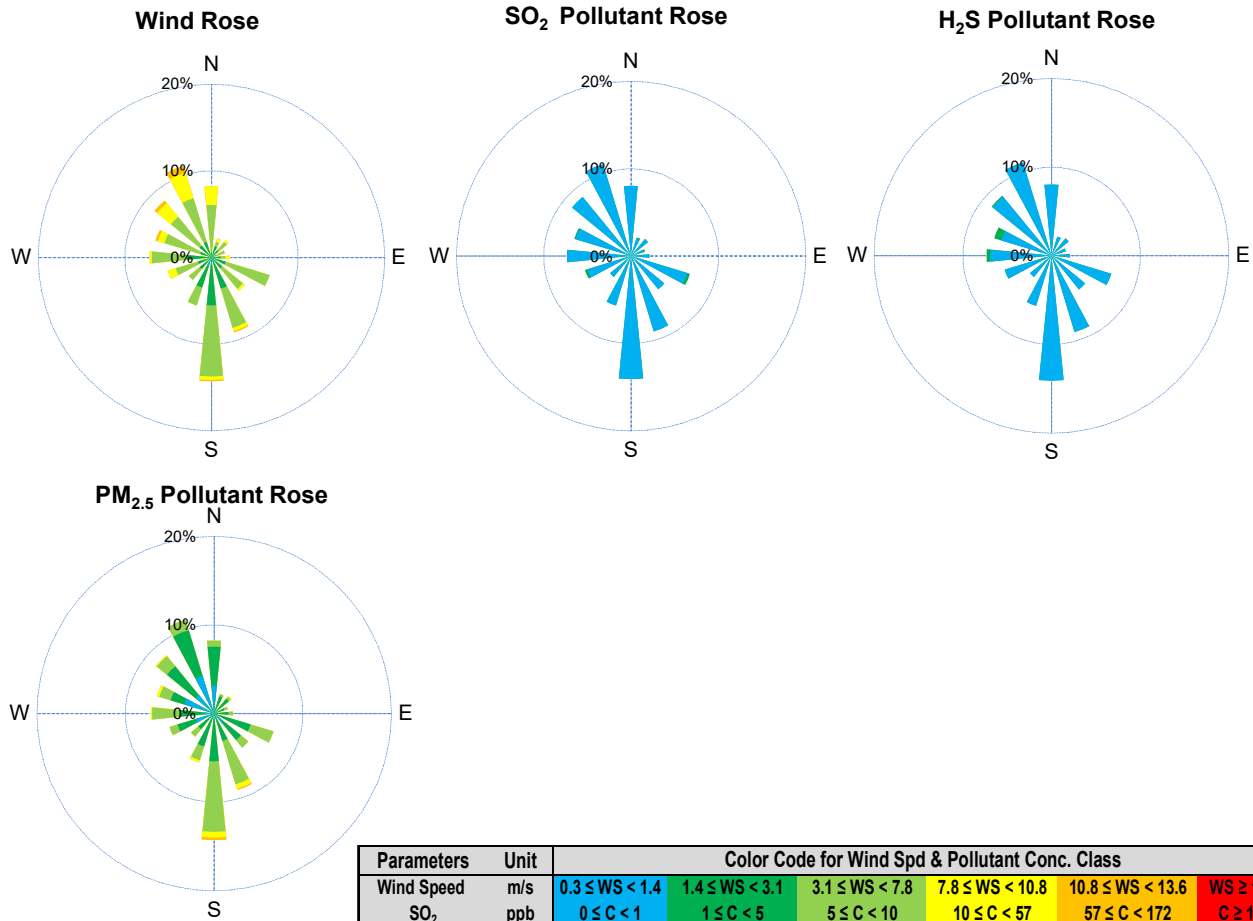
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were less than 90% operational.

* 2 hours of data flagged as "power failure" for all meteorological parameters due to power issues on site.

SESAA Torquay Station - May 2022 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8
PM _{2.5}	ug/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

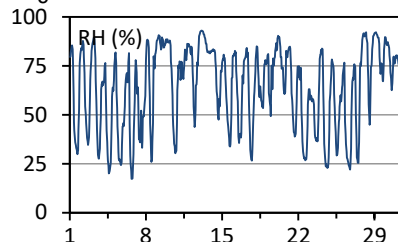
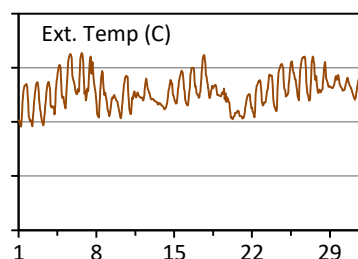
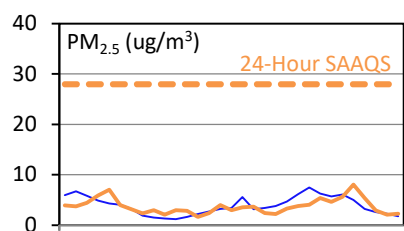
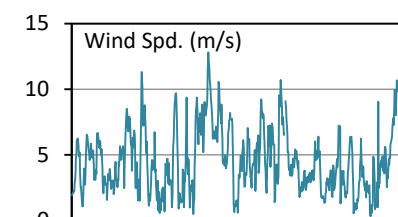
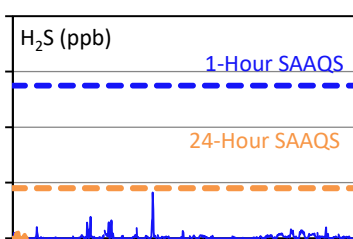
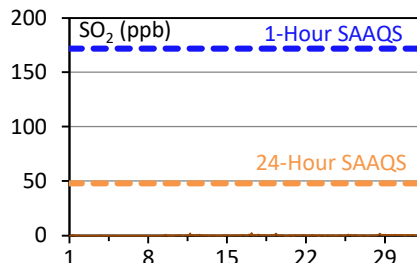
SESAA Torquay Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	0.1	100.0%	0.4	May-17	48	0	2.4	May-17 04:00	172	0
H ₂ S	ppb	0.1	100.0%	0.3	May-9	3.6	0	3.3	May-13 15:00	11	0
PM _{2.5}	ug/m3	4	100.0%	8	May-27	28	0	23	May-26 21:00	-	-

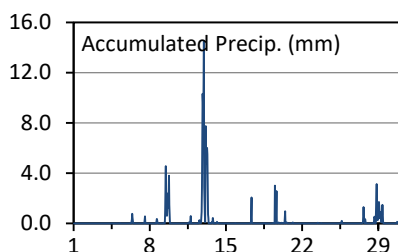
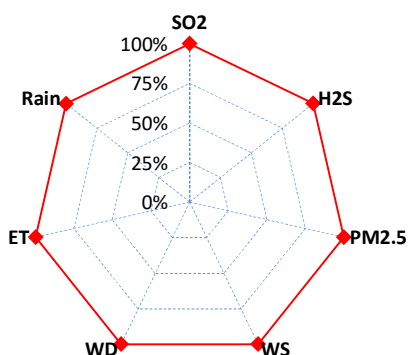
SAAQS: Saskatchewan Ambient Air Quality Standards

* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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



Instrument Uptime (%)



Monthly Update

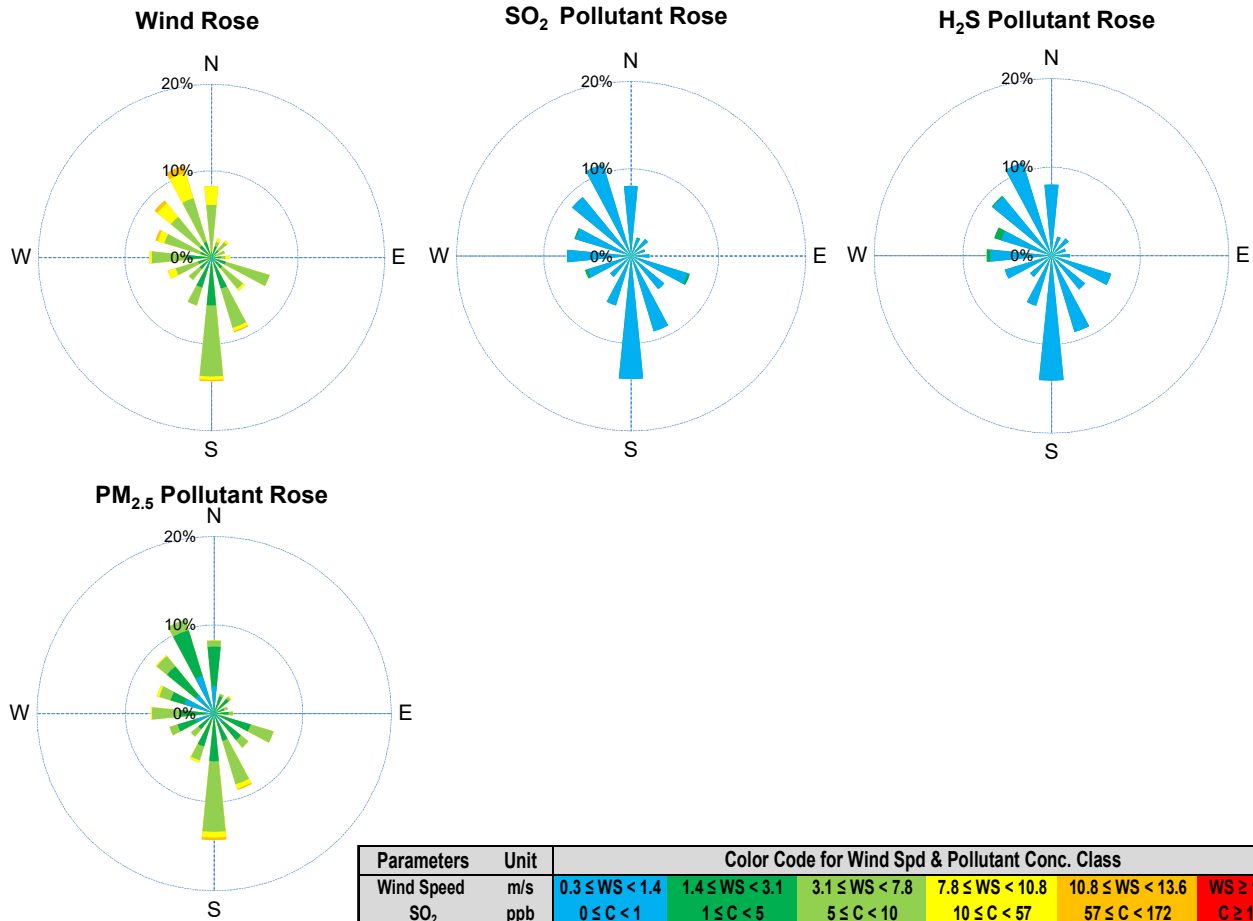
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were less than 90% operational.

* 2 hours of data flagged as "power failure" for all meteorological parameters due to power issues on site.

SESAA Torquay Station - May 2022 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8
PM _{2.5}	ug/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

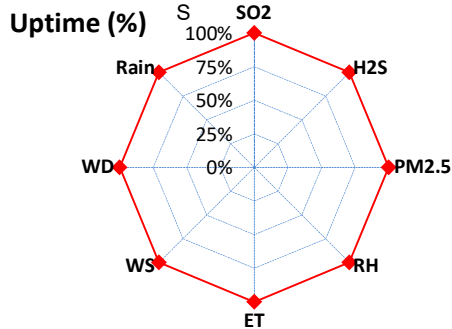
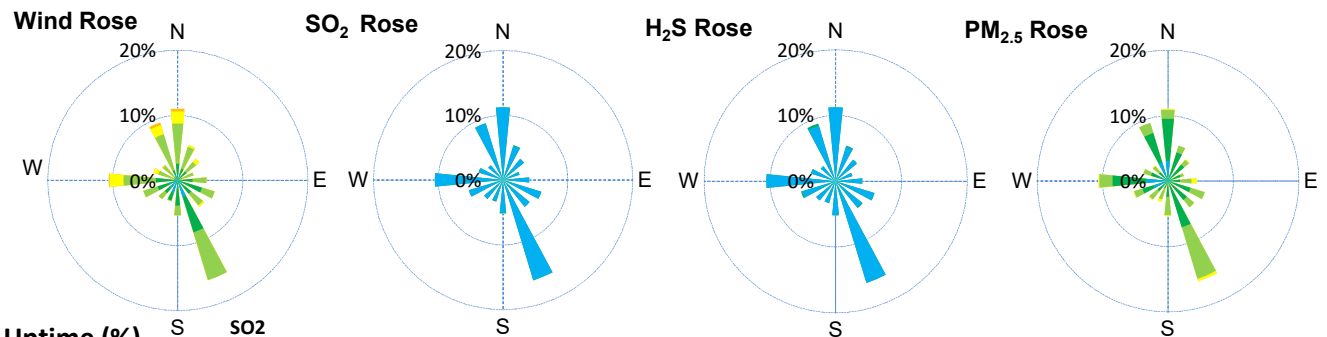
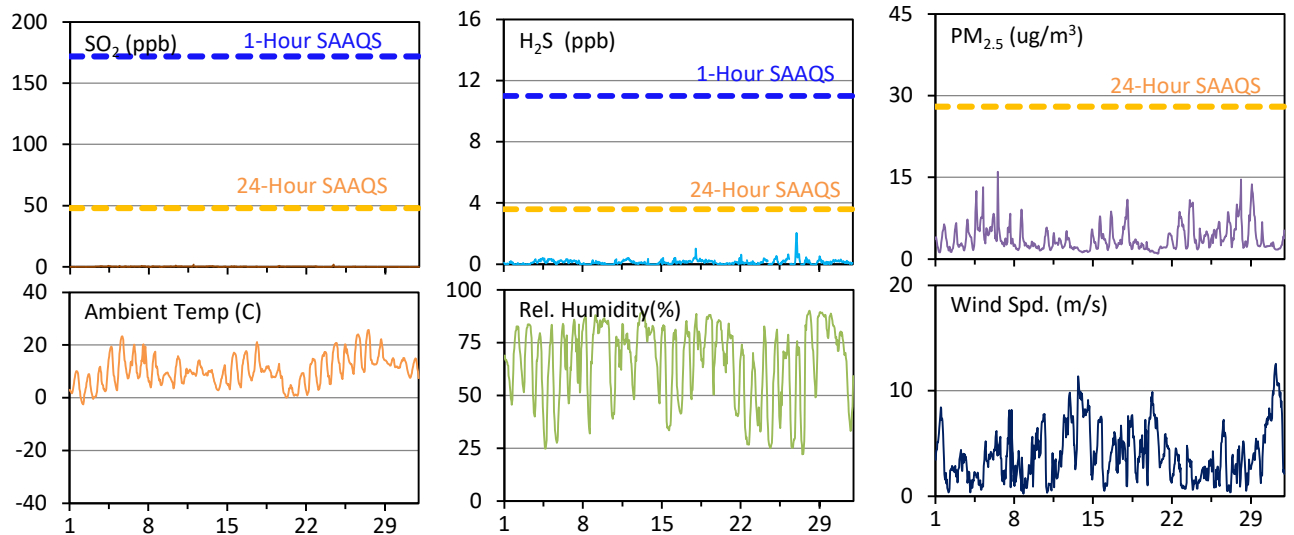
SESAA Wauchope Station - May 2022 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	0.1	100.0%	0.3	May-13	48	0	2.0	May-24 09:00	172	0
H ₂ S	ppb	0.1	100.0%	0.3	May-18	3.6	0	2.1	May-27 00:00	11	0
PM _{2.5}	ug/m3	4	100.0%	6	May-23	28	0	16	May-06 13:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

* Air Quality Standard refers to Saskatchewan Ambient Air Quality Standards (SAAQS).

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



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8
PM _{2.5}	ug/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational.