

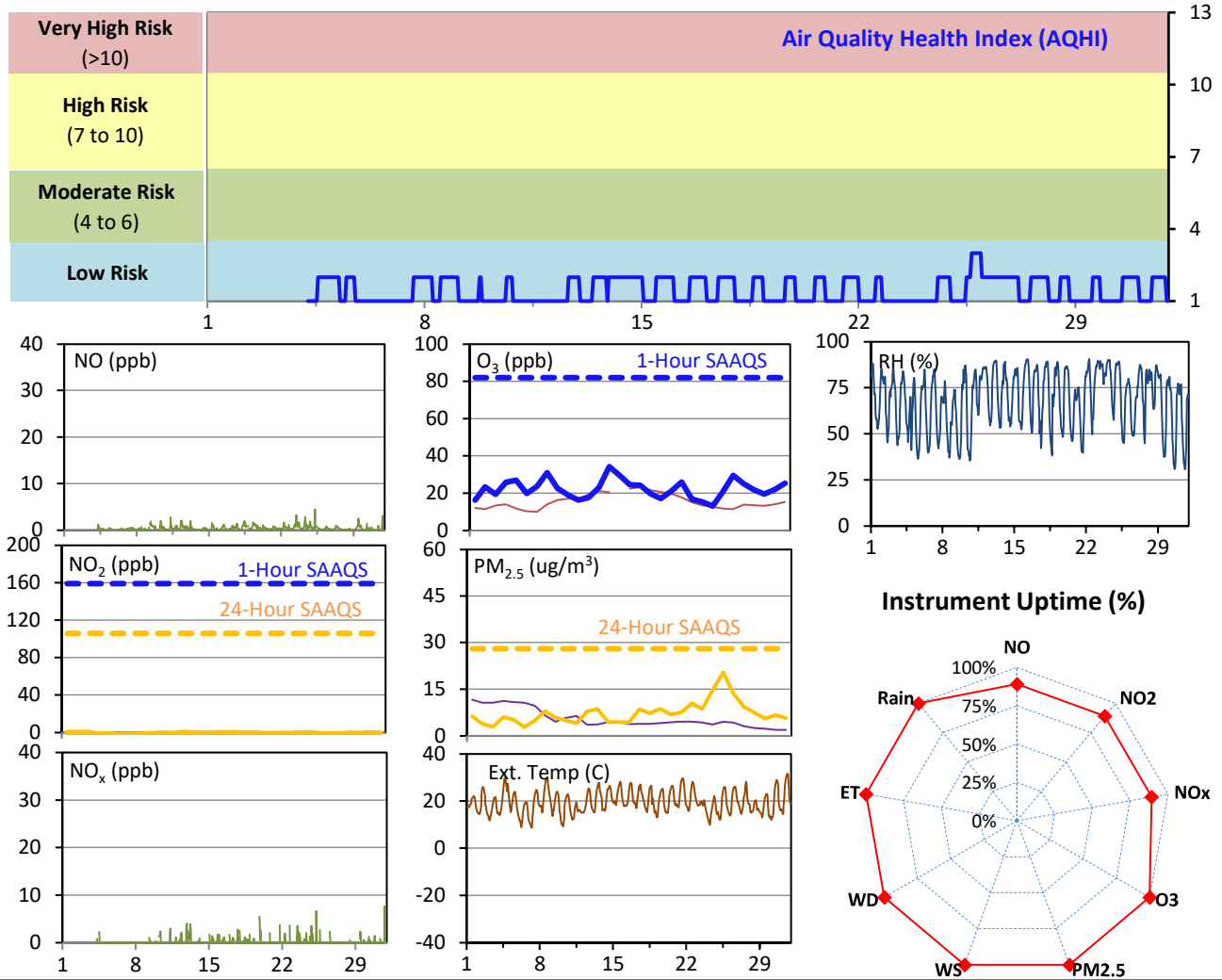
SESAA Esterhazy Station - August 2022 Summary Report

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	0.4	89.2%	0.9	Aug-23	-	-	4.4	Aug-25 06:00	-	-
NO ₂	ppb	0.1	89.2%	< 0.1	Aug-23	106	0	5.5	Aug-19 20:00	159	0
NO _x	ppb	0.3	89.2%	< 0.1	Aug-23	-	-	7.7	Aug-31 19:00	-	-
O ₃	ppb	22	100.0%	34	Aug-14	-	-	45	Aug-27 16:00	82	0
PM _{2.5}	ug/m3	7	100.0%	20	Aug-25	28	0	38	Aug-30 22:00	-	-

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

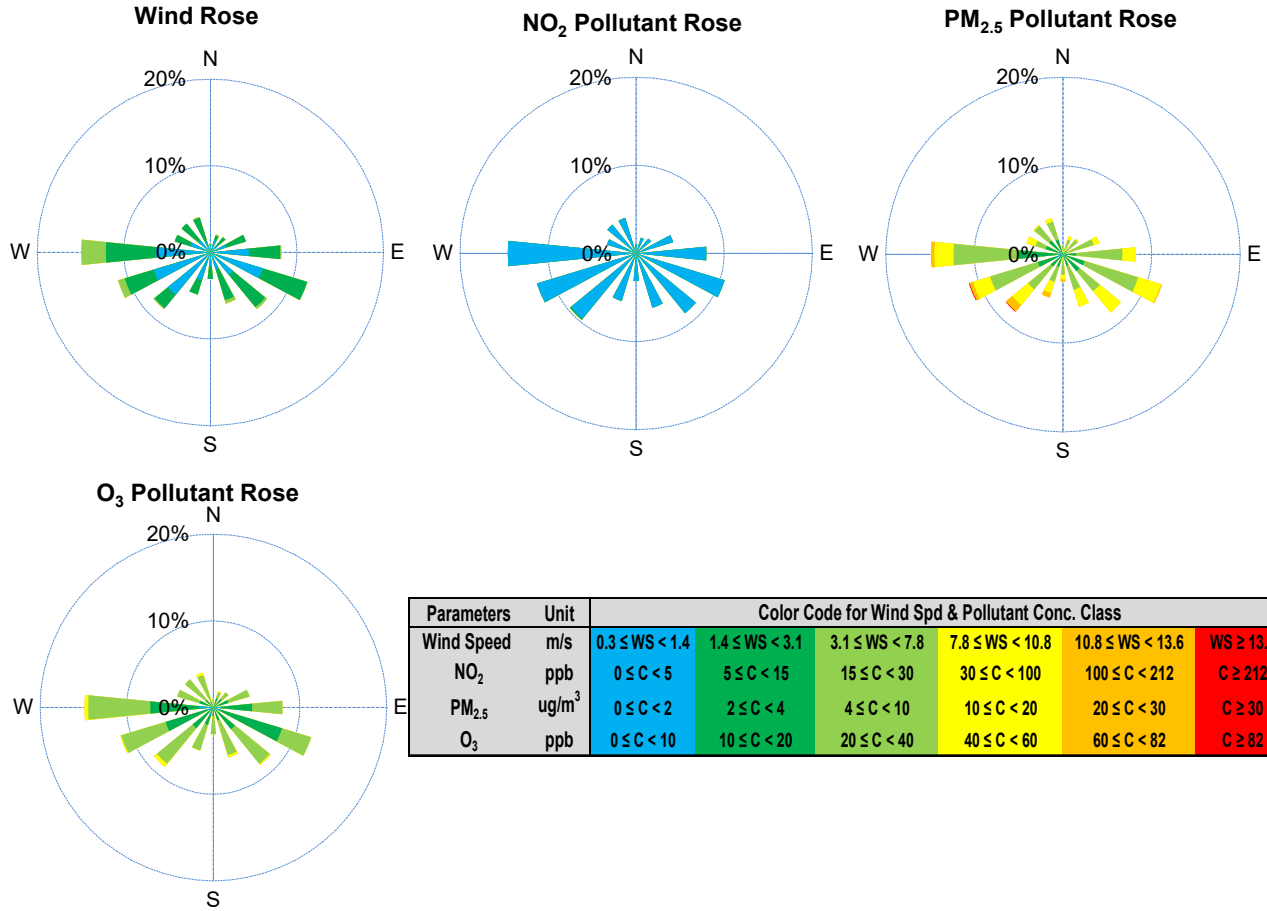
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

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

*All compliance parameters were greater than 90% operational with the exception of NO, NO₂ and NO_x.

An issue with overheating caused intermittent power interruptions throughout the month.

SESAA Esterhazy Station - August 2022 Summary Report



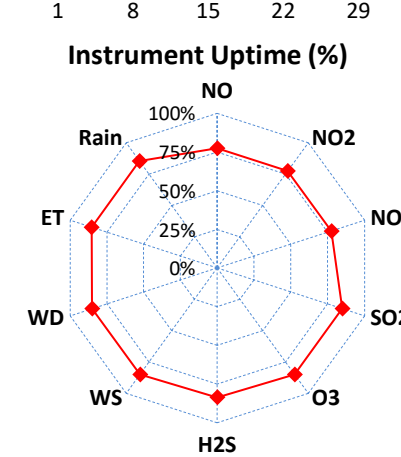
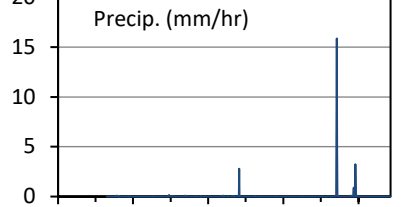
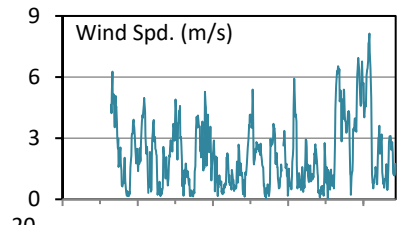
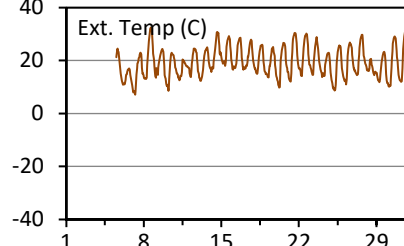
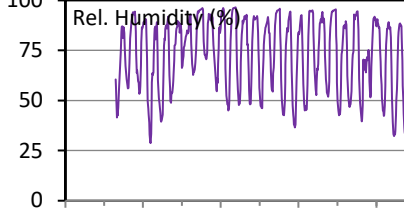
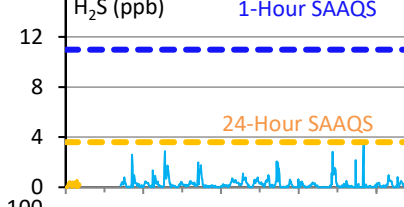
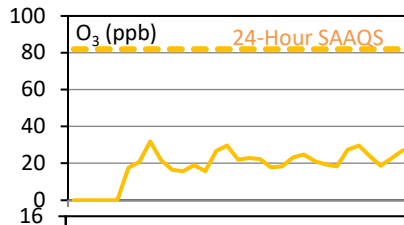
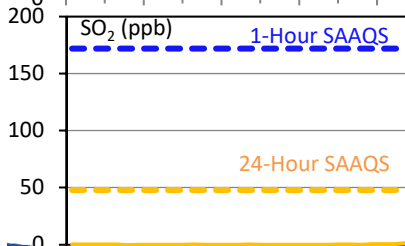
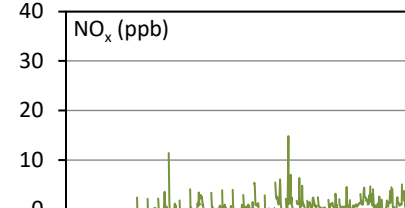
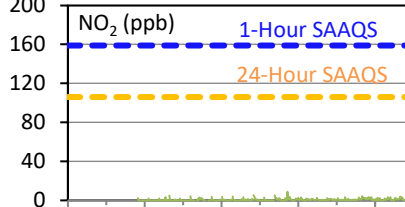
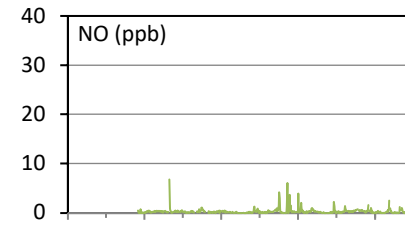
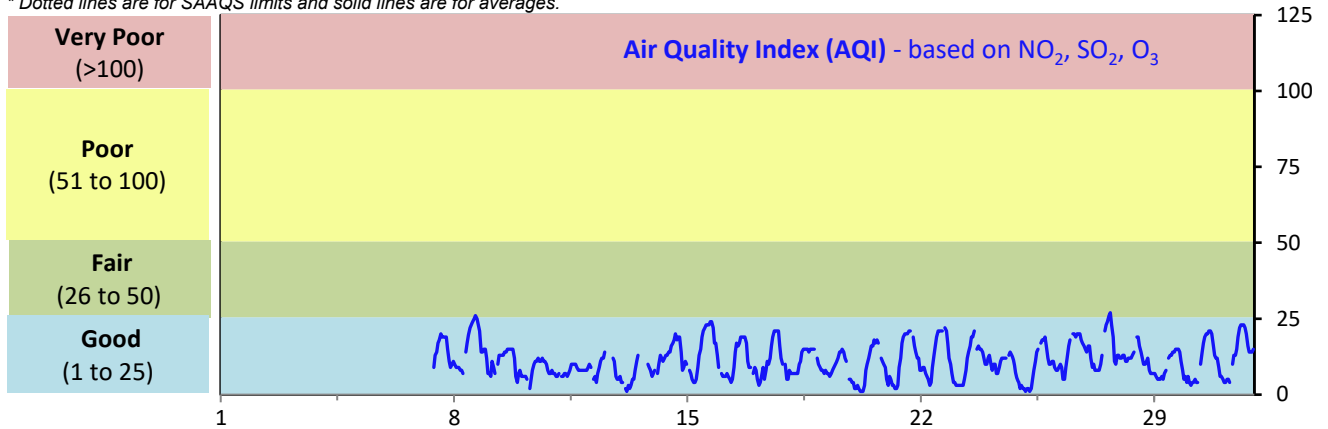
SESAA Glen Ewen Station - August 2022 Summary Report

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	0.3	77.4%	0.7	Aug-21	-	-	6.8	Aug-10 06:00	-	-
NO ₂	ppb	0.6	77.4%	1.3	Aug-28	106	0	8.8	Aug-21 00:00	159	0
NO _x	ppb	0.8	77.4%	1.8	Aug-21	-	-	14.8	Aug-21 00:00	-	-
SO ₂	ppb	0.2	84.9%	1.4	Aug-31	48	0	7.0	Aug-31 10:00	172	0
O ₃	ppb	22	84.9%	32	Aug-8	-	-	52	Aug-27 16:00	82	0
H ₂ S	ppb	0.3	83.5%	0.4	Aug-9	3.6	0	3.4	Aug-27 20:00	11	0

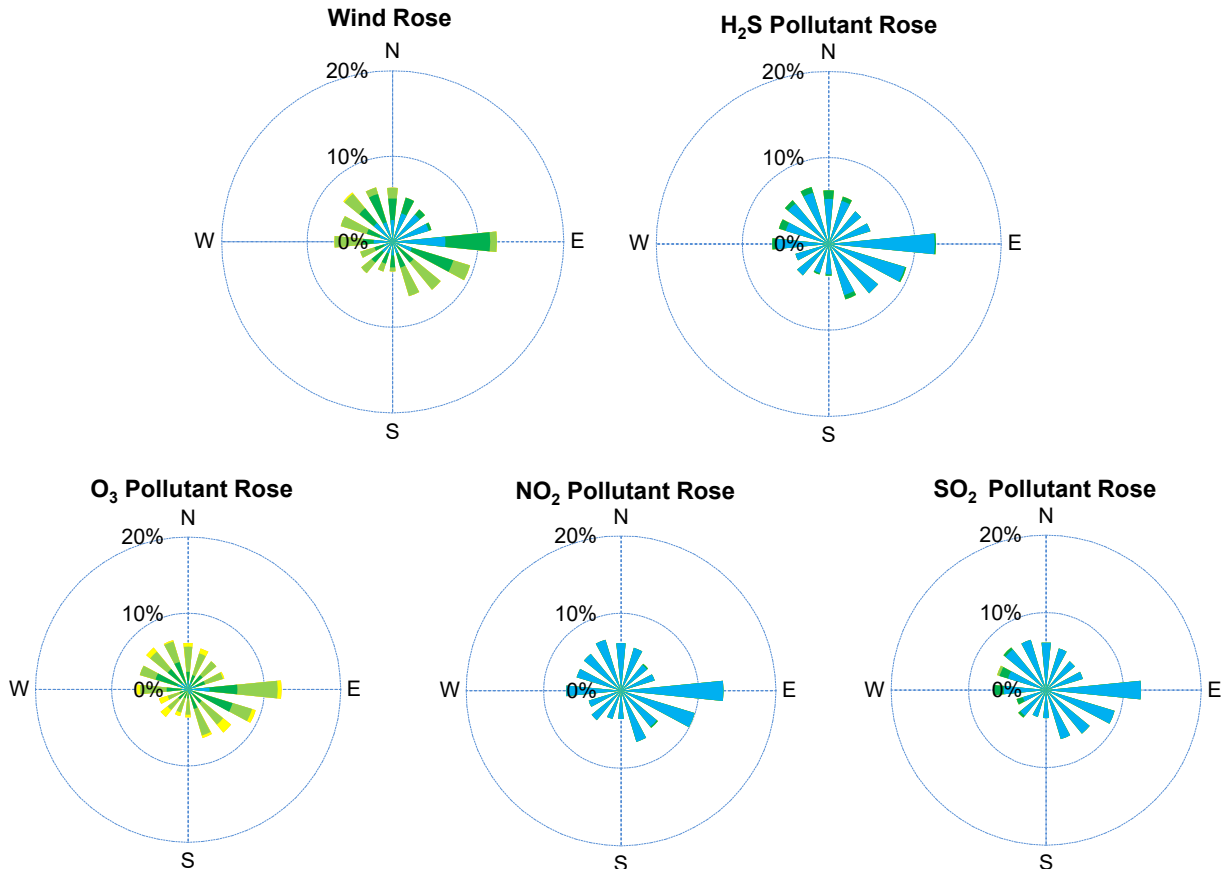
SAAQS: Saskatchewan Ambient Air Quality Standards

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

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



SESAA Glen Ewen Station - August 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	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$	
O ₃	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$	
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$	

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 due to power issues on site related to fuses. The station resumed operation on Aug 5

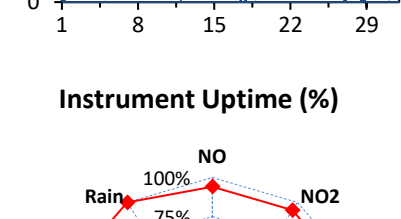
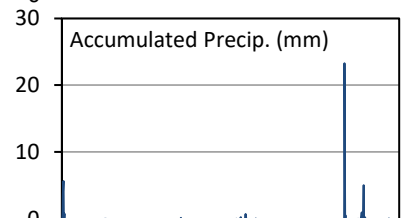
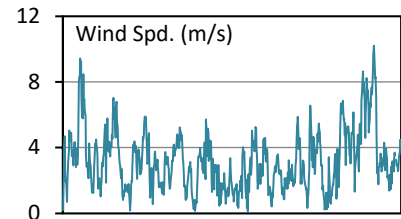
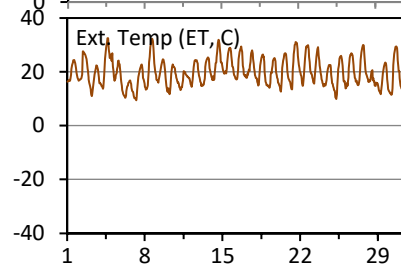
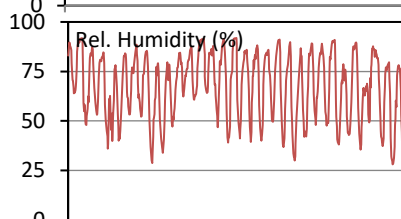
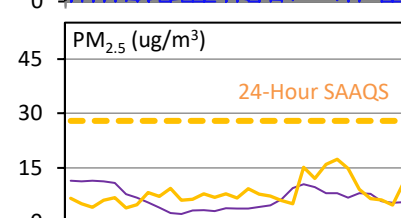
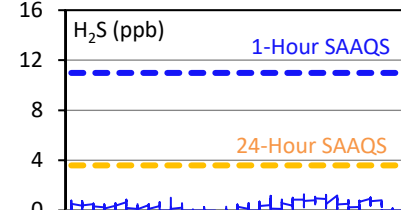
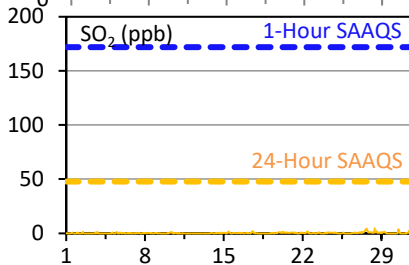
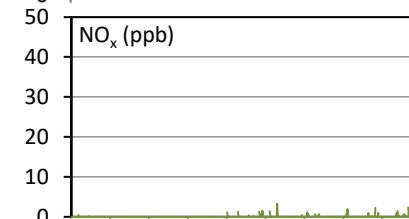
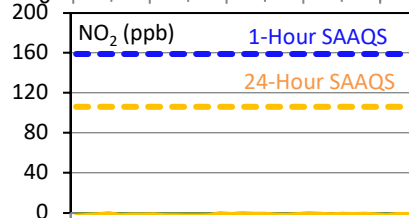
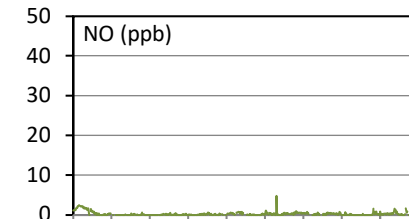
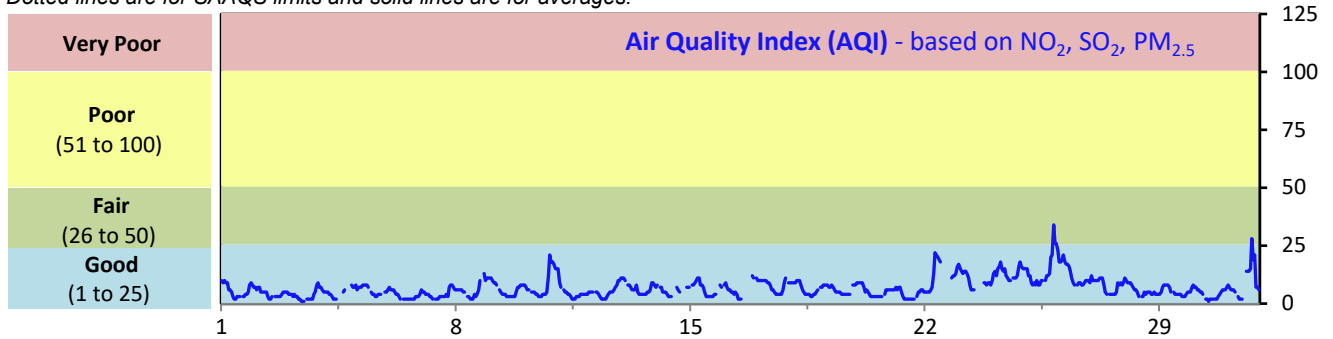
SESAA Oxbow Station - August 2022 Summary Report

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	94.1%	1.8	Aug-01	-	-	4.8	Aug-19 13:00	-	-
NO ₂	ppb	< 0.1	94.1%	< 0.1	Aug-01	106	0	1.6	Aug-25 21:00	159	0
NO _x	ppb	0.1	94.1%	< 0.1	Aug-01	-	-	3.3	Aug-19 13:00	-	-
SO ₂	ppb	0.3	100.0%	1.5	Aug-27	48	0	8.8	Aug-31 13:00	172	0
H ₂ S	ppb	0.3	99.9%	0.8	Aug-23	3.6	0	1.9	Aug-31 13:00	11	0
PM _{2.5}	ug/m ³	8	99.9%	17	Aug-25	28	0	47	Aug-25 20:00	-	-

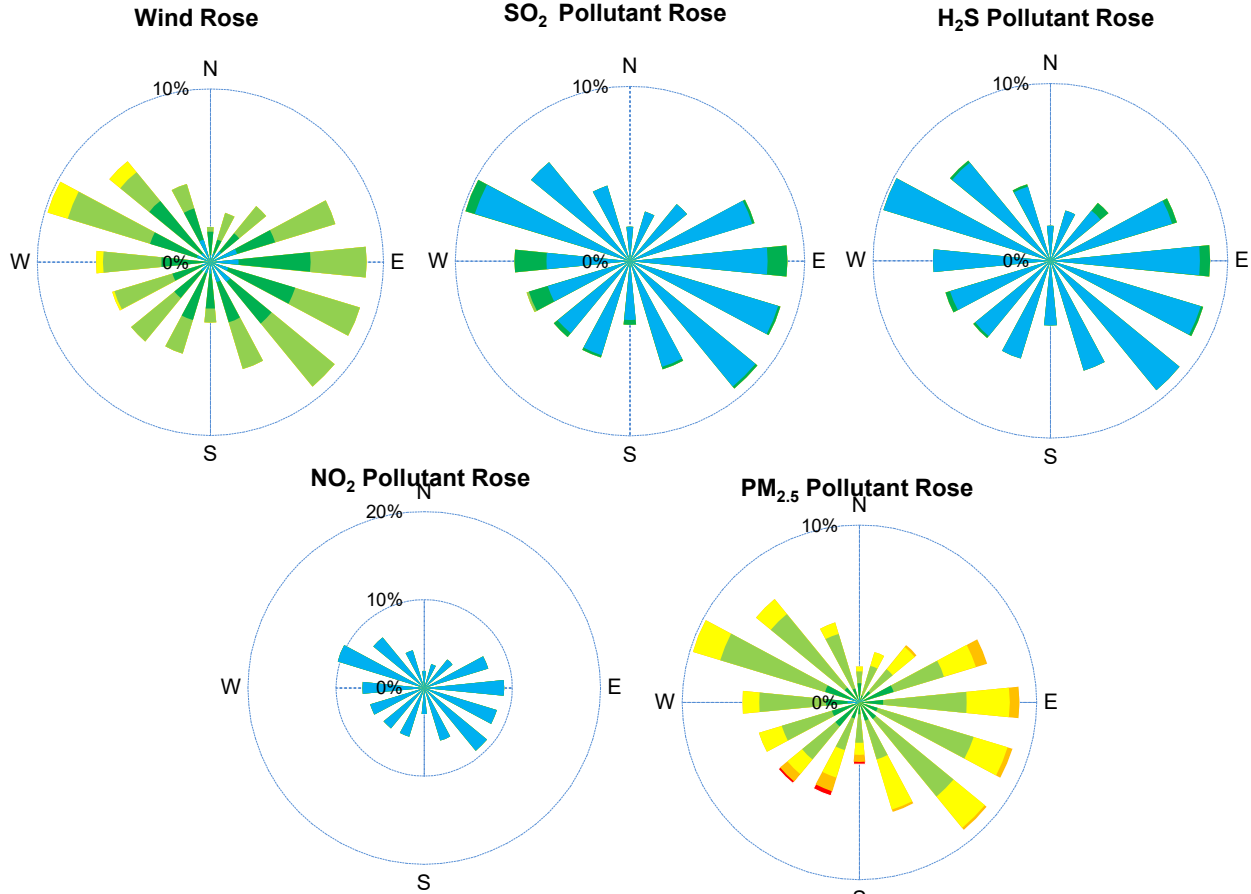
SAAQS: Saskatchewan Ambient Air Quality Standards

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

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



SESAA Oxbow Station - August 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
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 had greater than 90% operational uptime. NO, NO₂ and NO_x had 42 hours of data flagged as "analyzer failure" due to an issue with overheating causing intermittent power interruptions throughout the month.

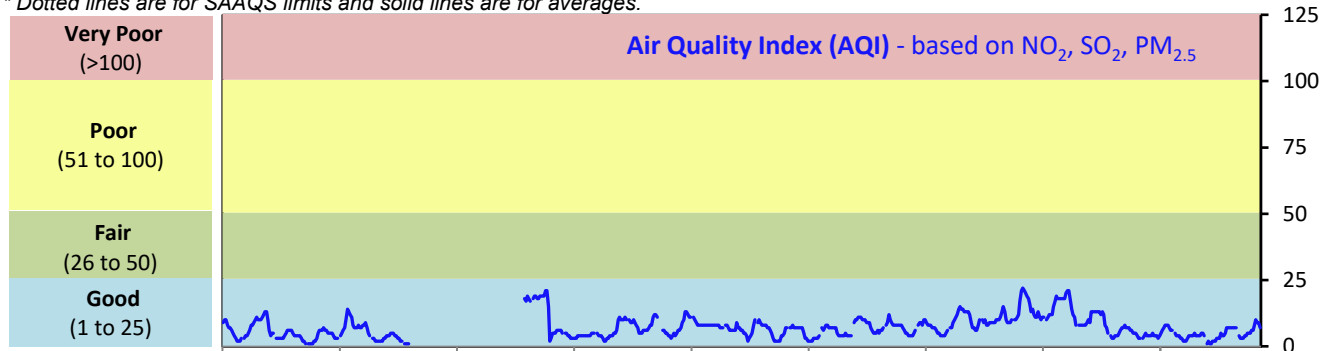
SESAA Stoughton Station - August 2022 Summary Report

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	1.1	88.1%	5.0	Aug-23	-	-	8.4	Aug-23 13:00	-	-
NO ₂	ppb	0.2	88.1%	< 0.1	Aug-23	106	0	6.1	Aug-30 21:00	159	0
NO _x	ppb	0.8	88.1%	4.0	Aug-23	-	-	10.3	Aug-30 06:00	-	-
SO ₂	ppb	0.2	88.5%	0.9	Aug-20	48	0	4.7	Aug-14 15:00	172	0
H ₂ S	ppb	0.2	88.5%	0.8	Aug-25	3.6	0	2.6	Aug-25 05:00	11	0
PM _{2.5}	ug/m ³	9	90.2%	18	Aug-10	28	0	26	Aug-24 21:00	-	-

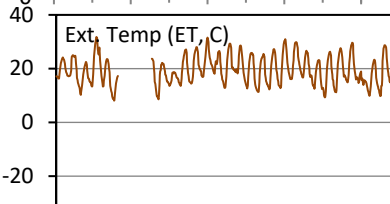
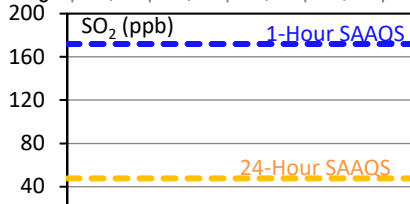
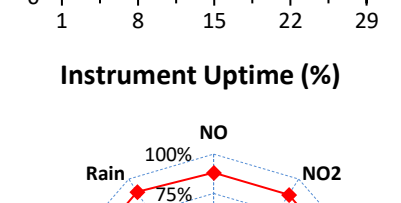
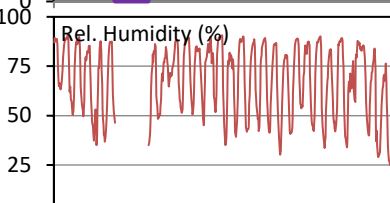
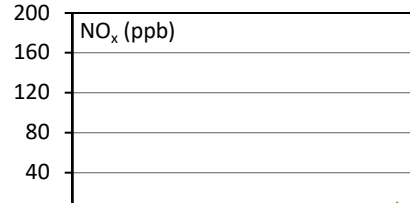
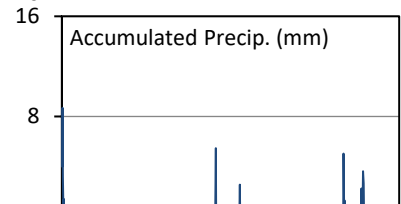
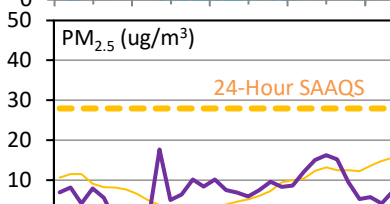
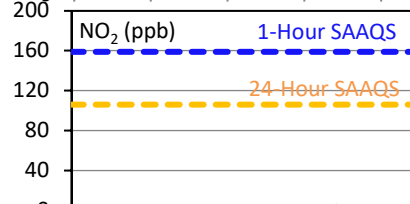
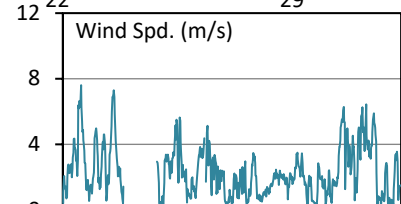
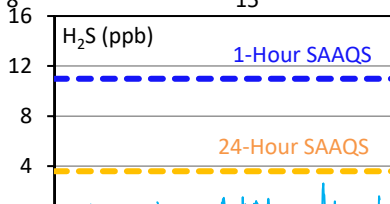
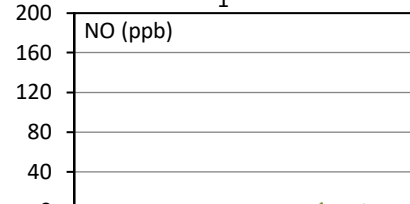
SAAQS: Saskatchewan Ambient Air Quality Standards

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

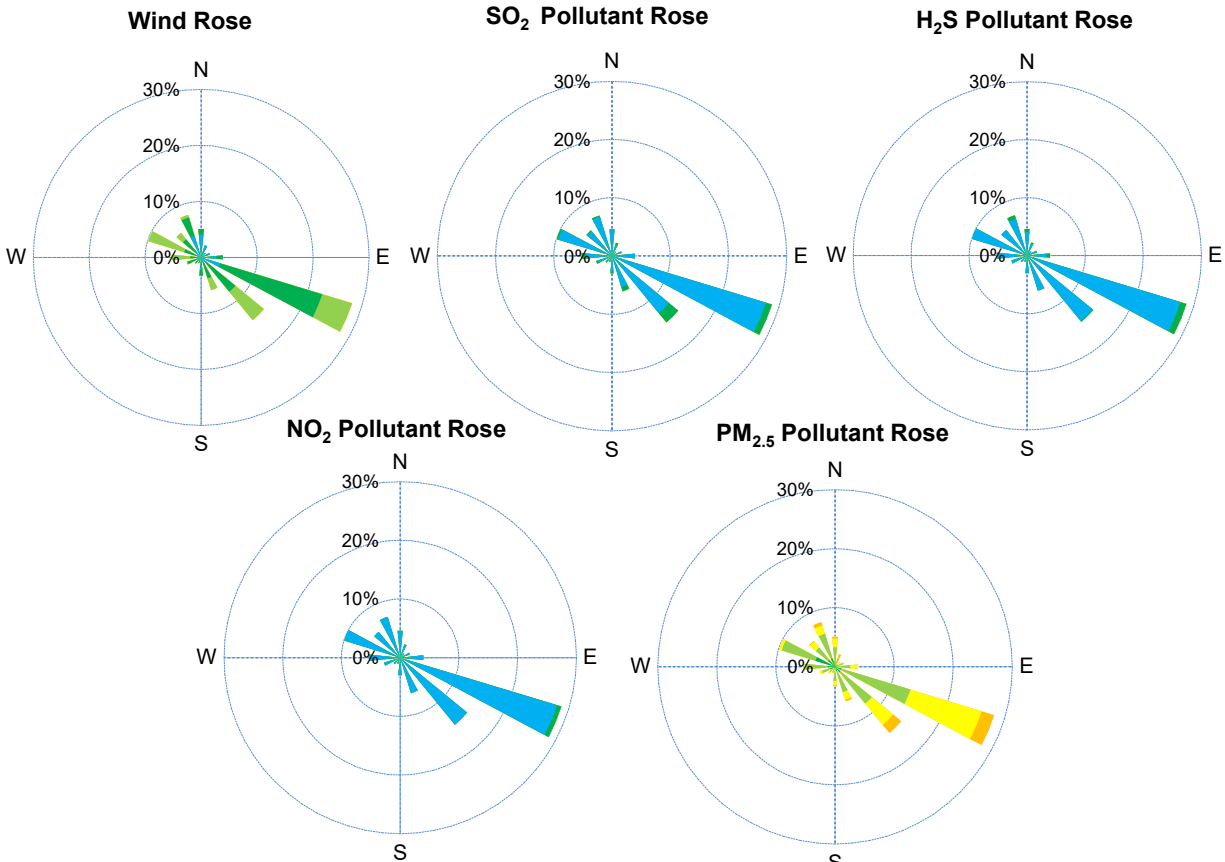
* Dotted lines are for SAAQS limits and solid lines are for averages.



1 8 15 22 29



SESAA Stoughton Station - August 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	
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 had less than 90% operational uptime due to an issue with overheating causing intermittent power interruptions throughout the month.

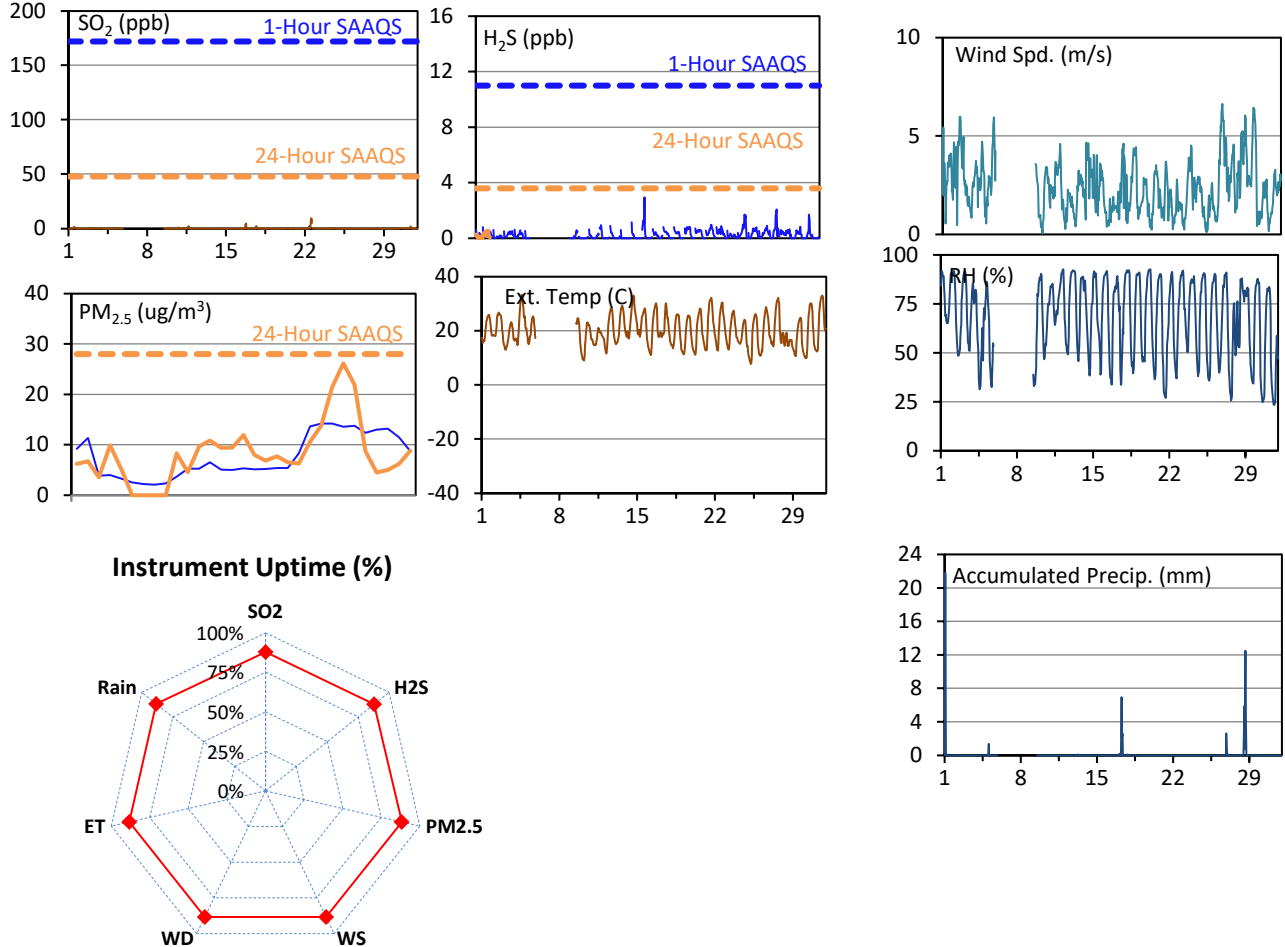
SESAA Torquay Station - August 2022 Summary Report

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	87.8%	0.1	Aug-30	48	0	9.3	Aug-22 13:00	172	0
H ₂ S	ppb	0.3	87.8%	0.5	Aug-28	3.6	0	3	Aug-16 05:00	11	0
PM _{2.5}	ug/m3	10	88.3%	26	Aug-25	28	0	66	Aug-25 21:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

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

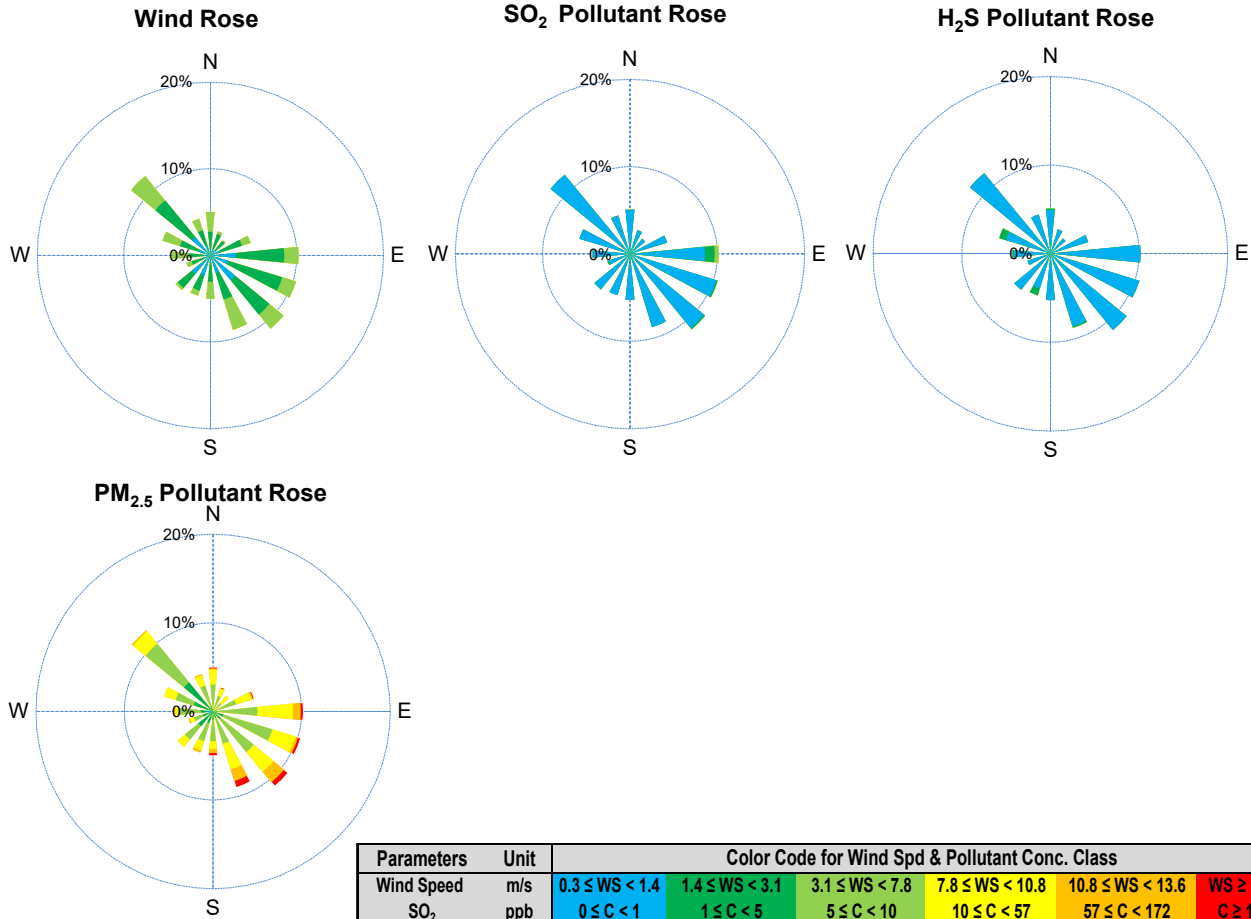
* Dotted lines are for SAAQS limits and solid lines are for averages.



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 less than 90% operational uptime due to an issue with overheating causing intermittent power interruptions throughout the month.

SESAA Torquay Station - August 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

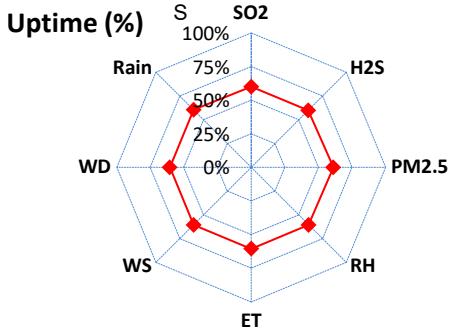
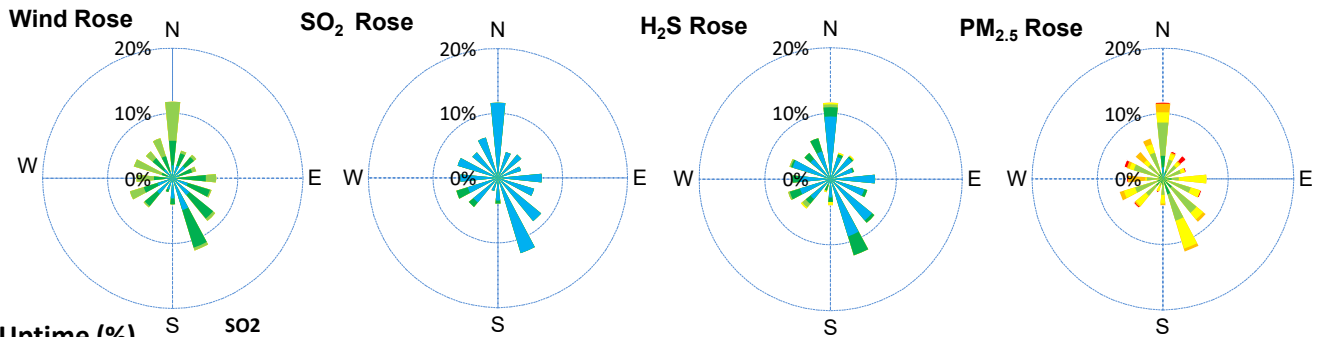
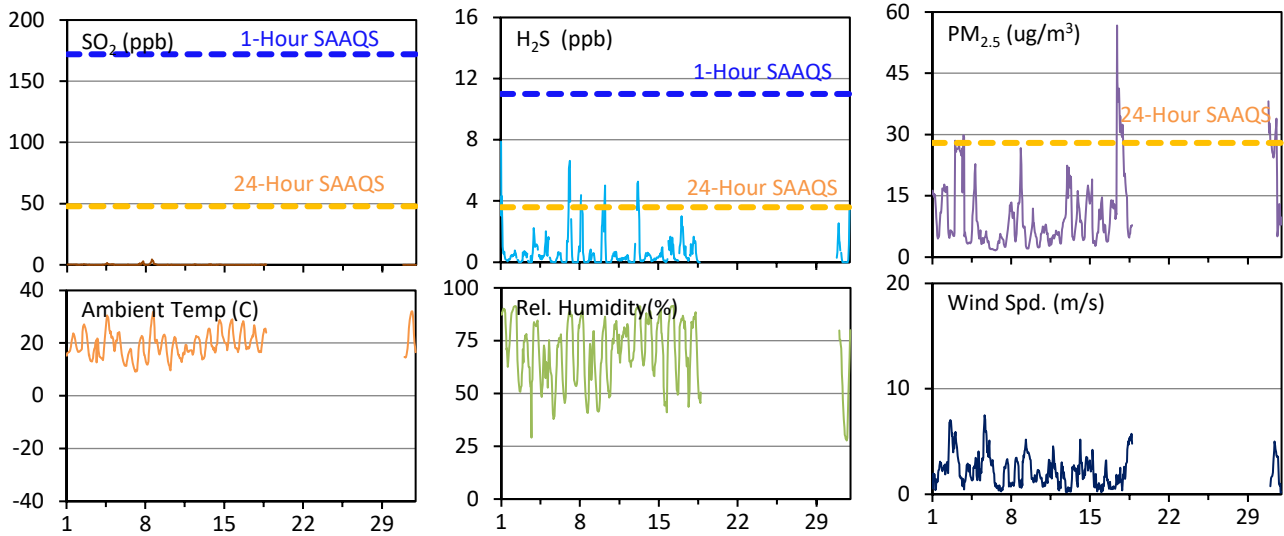
SESAA Wauchope Station - August 2022 Summary Report

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	59.9%	1.1	Aug-8	48	0	4.5	Aug-08 13:00	172	0
H ₂ S	ppb	0.7	59.9%	1.5	Aug-13	3.6	0	7.9	Aug-01 00:00	11	0
PM _{2.5}	ug/m ³	11	61.0%	26	Aug-17	28	0	57	Aug-17 09:00	-	-

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 less than 90% operational due to a power issue on site.

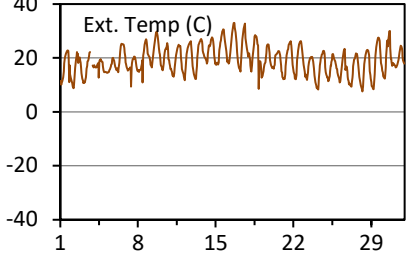
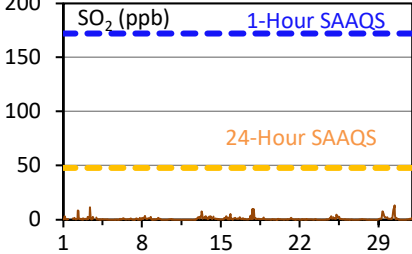
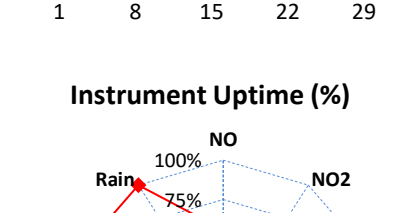
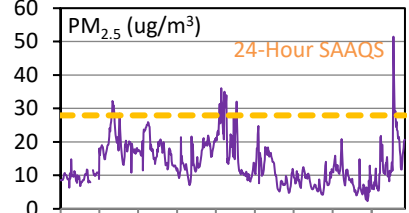
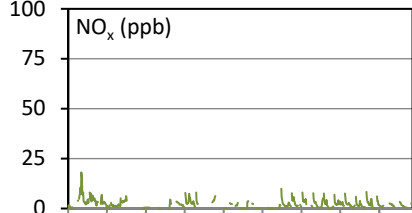
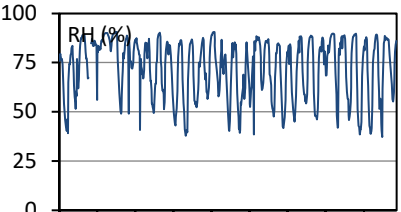
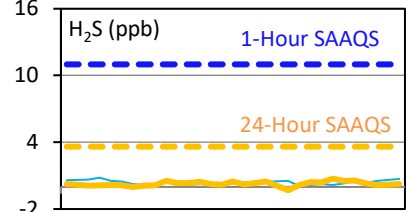
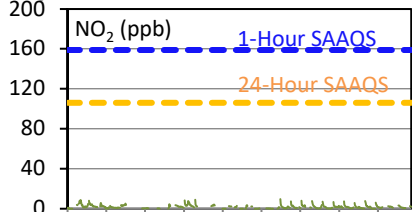
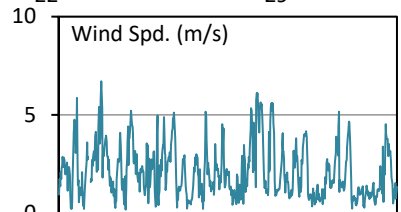
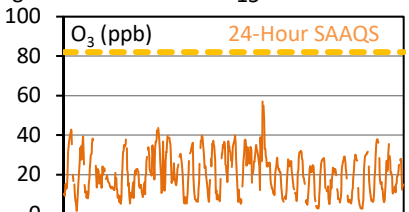
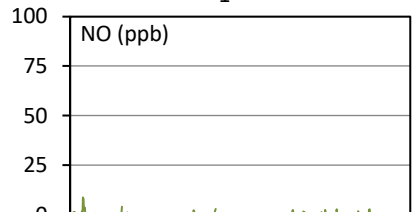
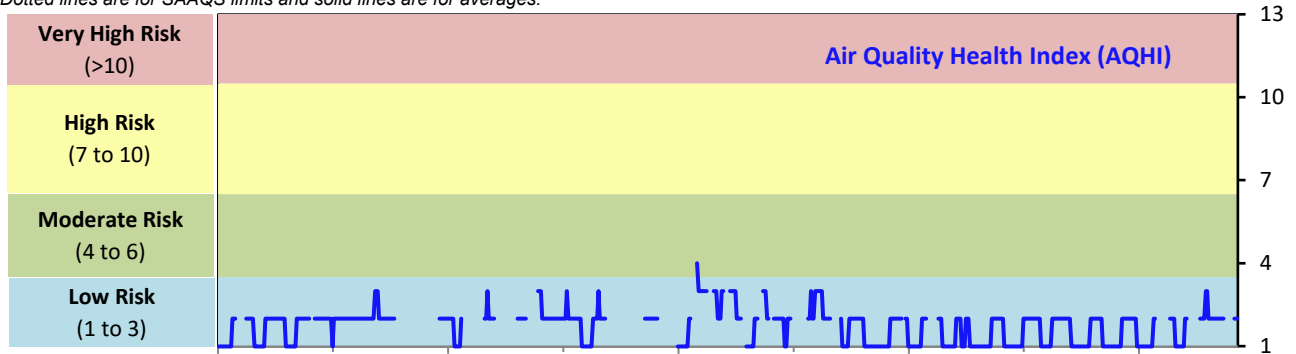
SESAA Weyburn Station - August 2022 Summary Report

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	0.4	55.6%	1.9	Aug-15	-	-	8.9	Aug-02 04:00	-	-
NO ₂	ppb	1.8	55.6%	2.1	Aug-2	106	0	10.3	Aug-17 07:00	159	0
NO _x	ppb	2.2	55.6%	3.8	Aug-15	-	-	18.1	Aug-02 04:00	-	-
SO ₂	ppb	0.7	100.0%	1.9	Aug-11	48	0	13.3	Aug-30 10:00	172	0
O ₃	ppb	21	100.0%	30	Aug-17	-	-	57	Aug-19 03:00	82	0
H ₂ S	ppb	0.4	100.0%	0.7	Aug-25	3.6	0	5.9	Aug-17 02:00	11	0
PM _{2.5}	ug/m3	14	100.0%	17	Aug-13	28	0	51	Aug-30 23:00	-	-

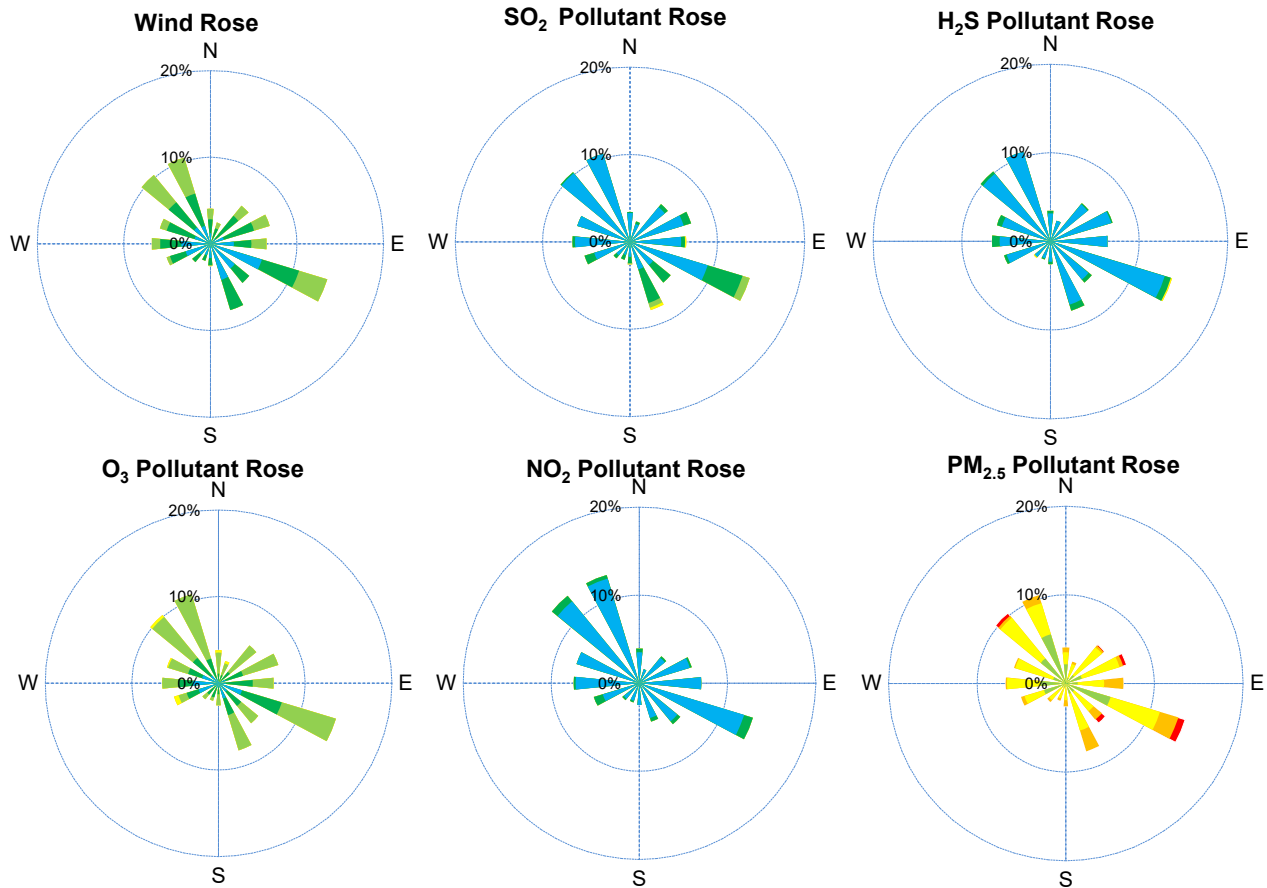
SAAQS: Saskatchewan Ambient Air Quality Standards

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

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



SESAA Weyburn Station - August 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

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 with the exception of NO, NO₂ and

NO_x. An issue with overheating caused intermittent power interruptions throughout the month.