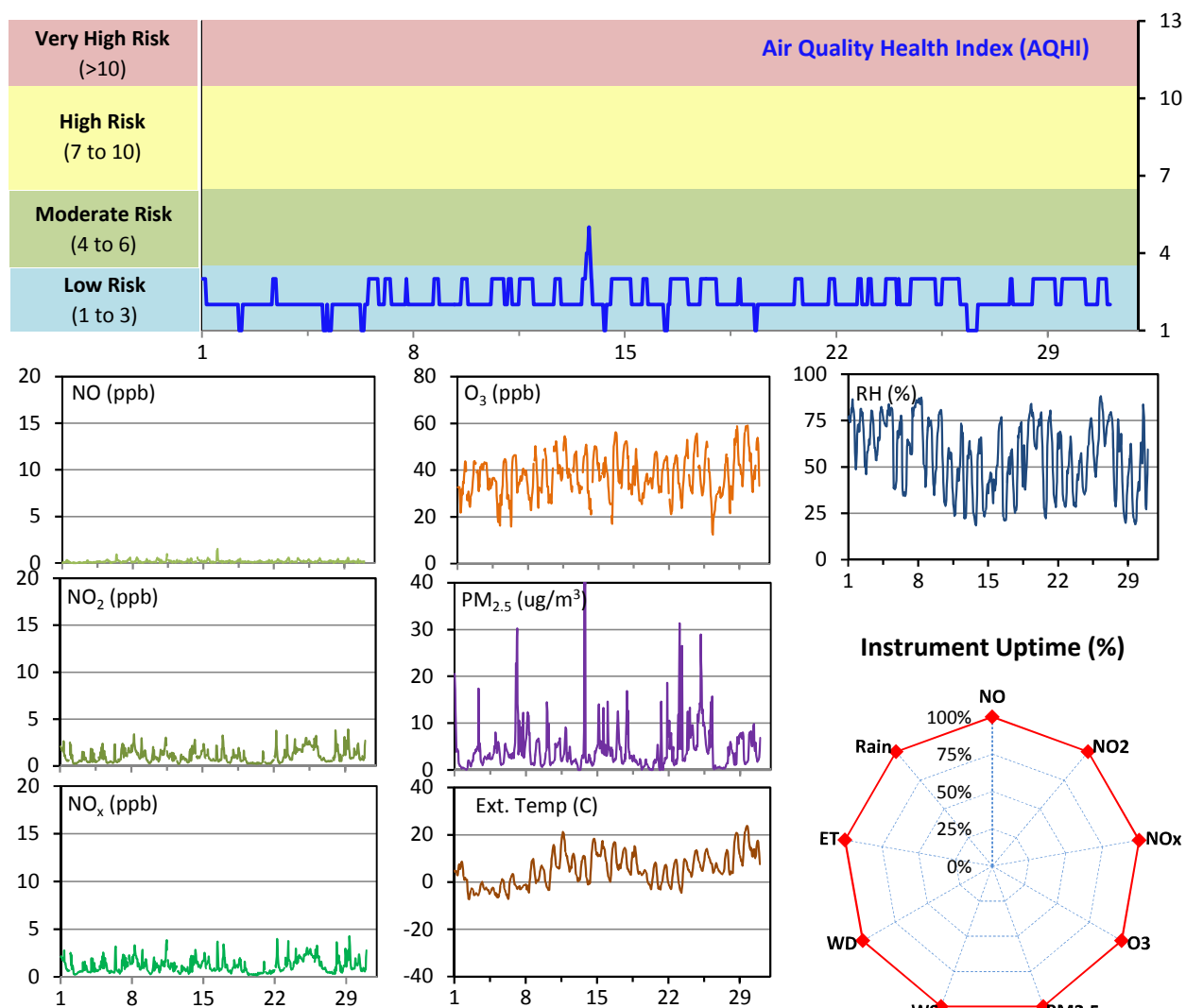


SESAA Esterhazy Station - April 2015 Summary Report

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	99.9%	0.3	Apr-16	-	-	1.5	Apr-16 09:00	-	-
NO ₂	ppb	1.1	99.9%	2.4	Apr-25	-	-	3.9	Apr-29 07:00	212	0
NO _x	ppb	1.2	99.9%	2.4	Apr-25	-	-	4.3	Apr-29 07:00	-	-
O ₃	ppb	38	100.0%	48	Apr-29	-	-	59	Apr-29 19:00	82	0
PM _{2.5}	ug/m3	4	100.0%	10	Apr-25	30	0	58	Apr-13 17:00	-	-

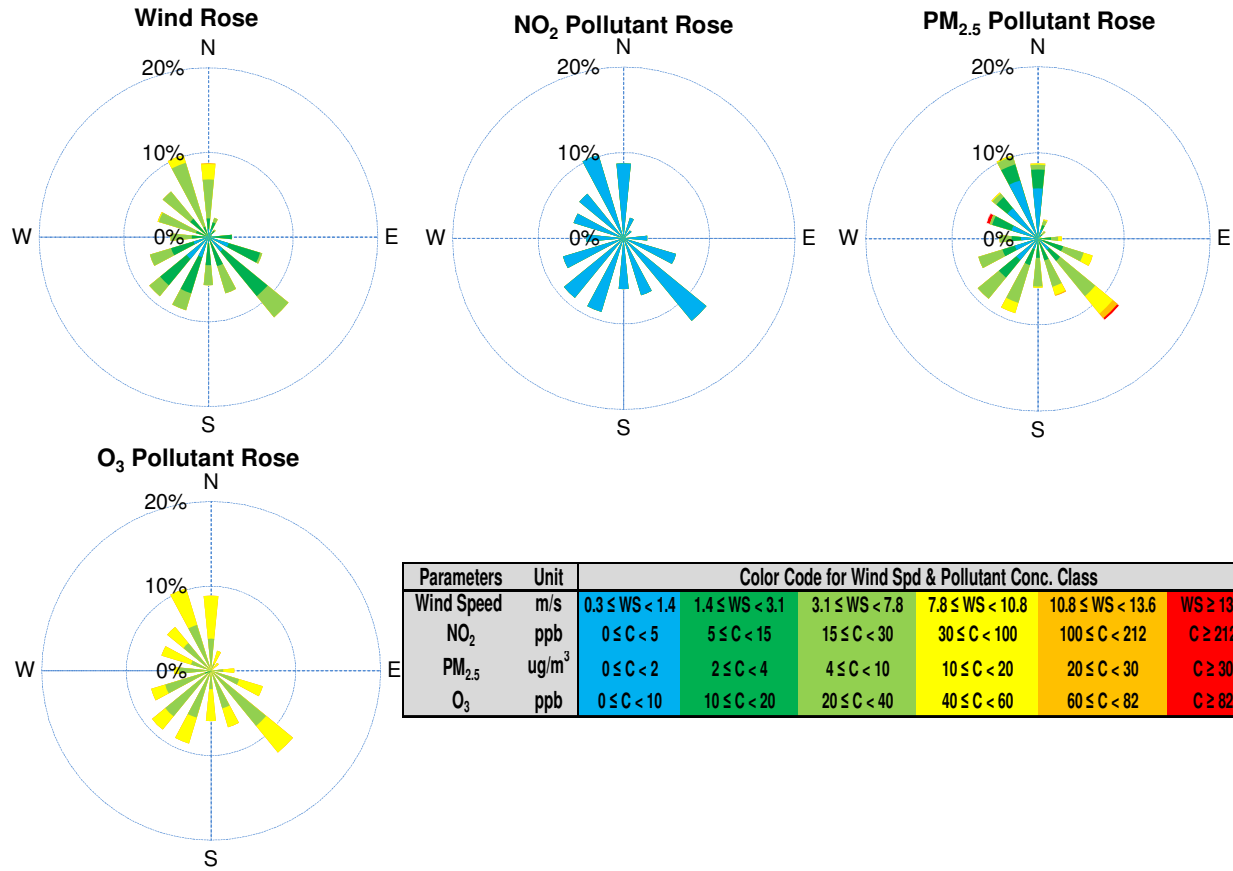
SAAQS: Saskatchewan Ambient Air Quality Standards



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 above 90% operational.
- *One hour of NO/NO₂/NO_x data is flagged as "analyzer failure" on April 2 due to abnormal data readings.

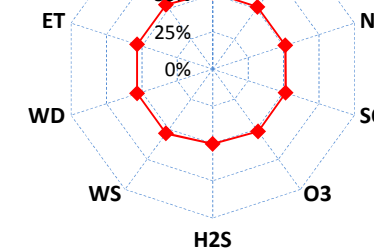
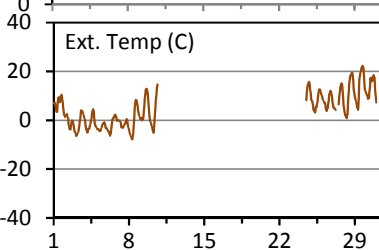
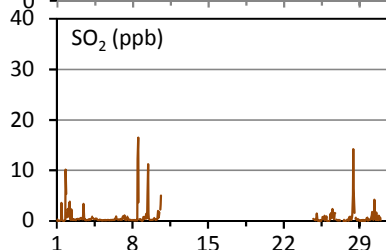
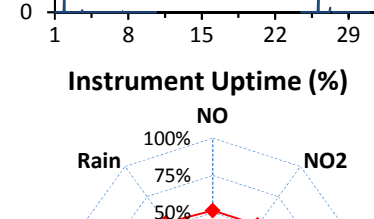
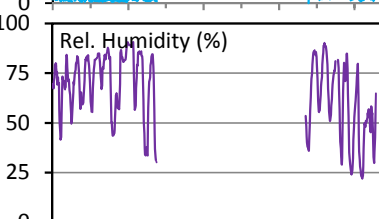
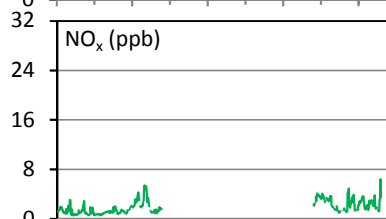
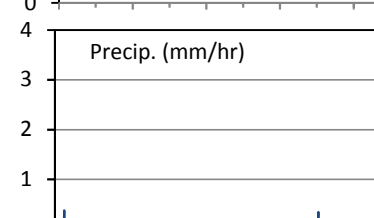
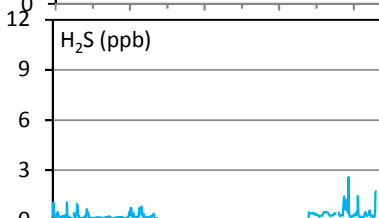
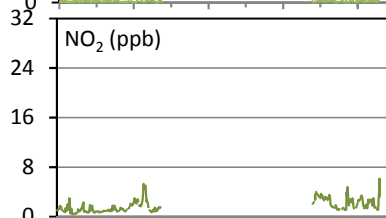
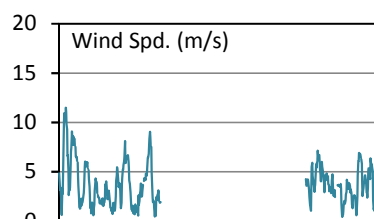
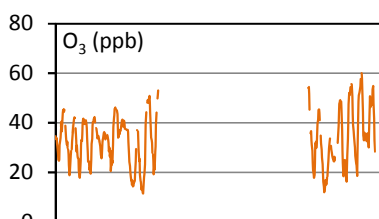
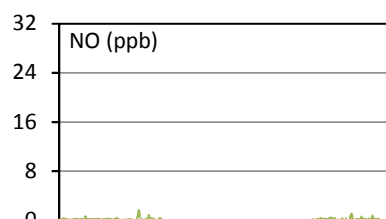
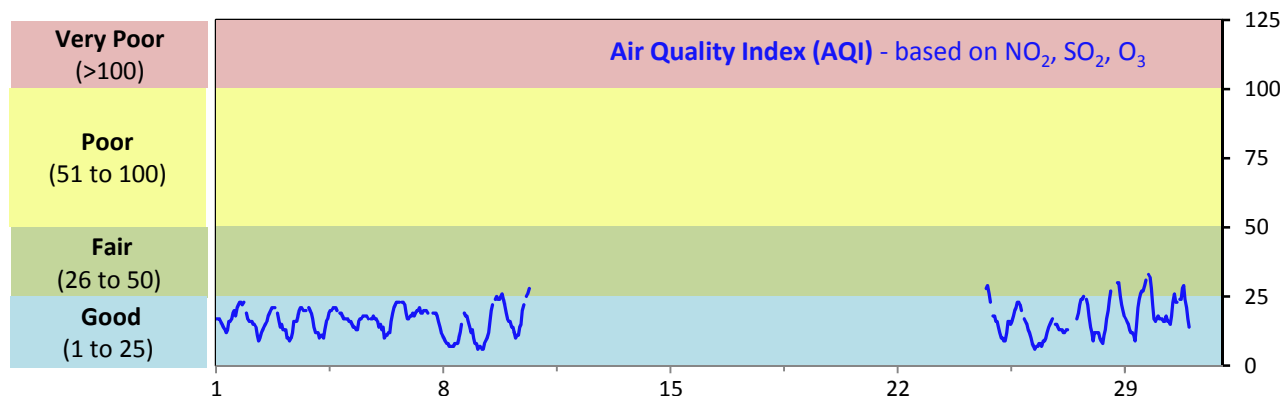
SESAA Esterhazy Station - April 2015 Summary Report



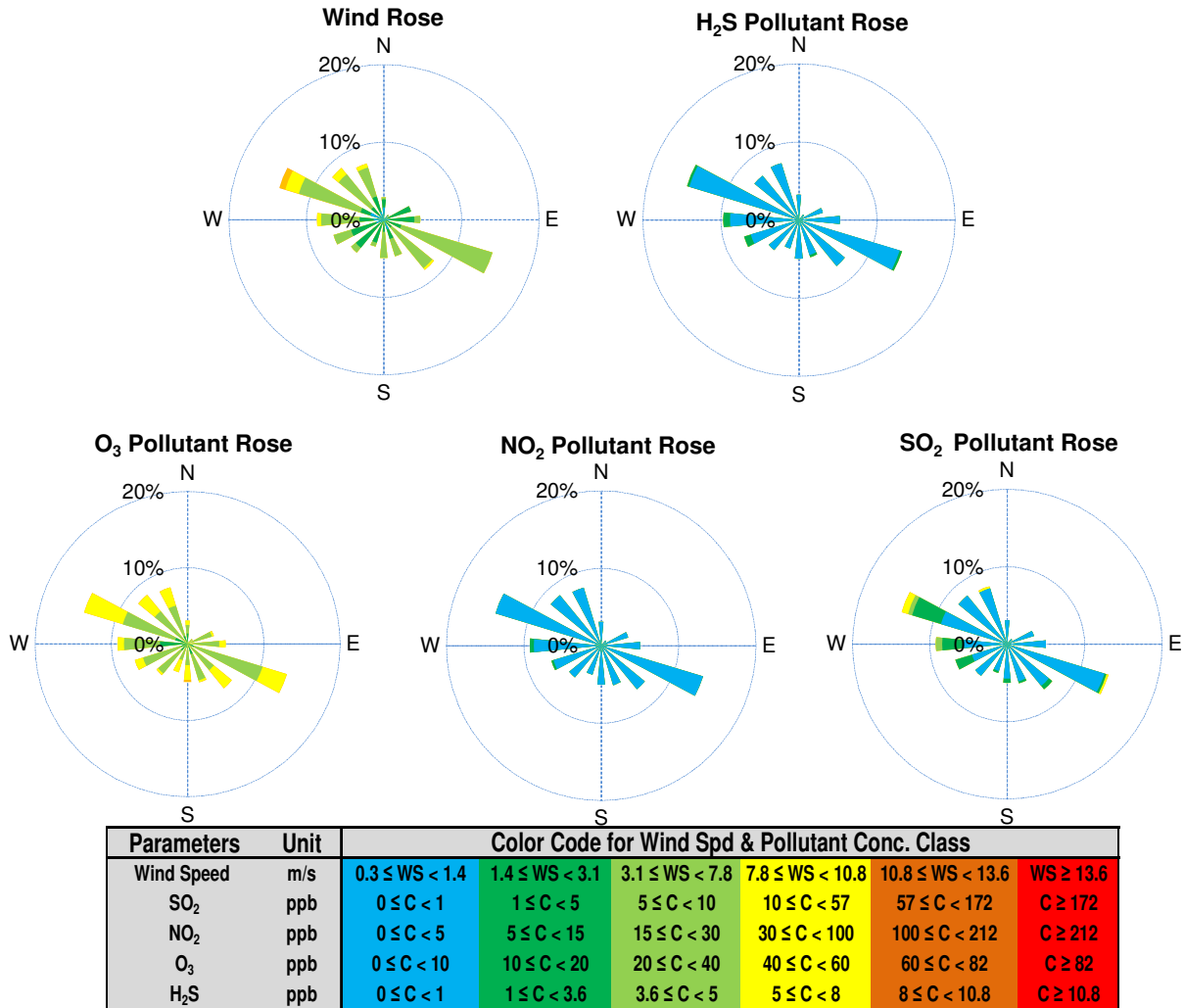
SESAA Glen Ewen Station - April 2015 Summary Report

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	51.4%	0.4	Apr-8	-	-	1.7	Apr-08 11:00	-	-
NO ₂	ppb	1.7	51.4%	3.3	Apr-25	-	-	6.2	Apr-30 22:00	212	0
NO _x	ppb	1.9	51.4%	3.5	Apr-25	-	-	6.4	Apr-30 22:00	-	-
SO ₂	ppb	0.7	51.5%	1.7	Apr-28	57	0	16.5	Apr-08 12:00	172	0
O ₃	ppb	33	51.8%	40	Apr-29	-	-	60	Apr-29 17:00	82	0
H ₂ S	ppb	0.3	50.3%	0.7	Apr-28	3.6	0	3	Apr-28 10:00	10.8	0

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Glen Ewen Station - April 2015 Summary Report



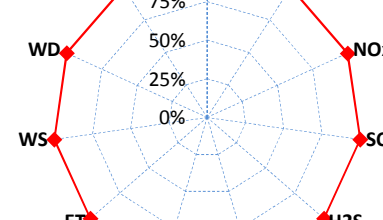
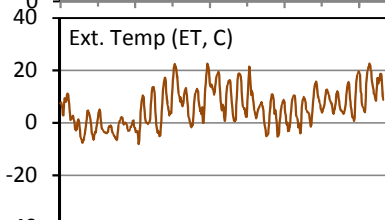
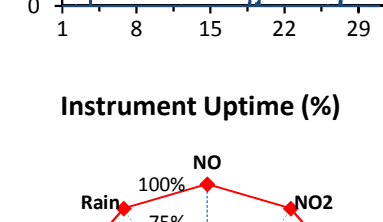
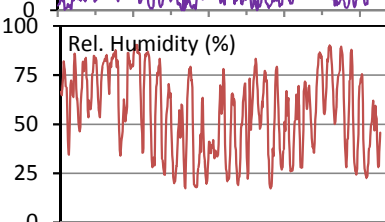
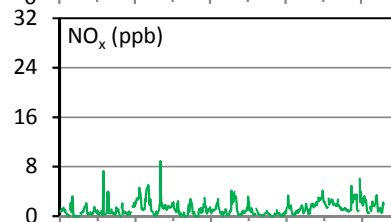
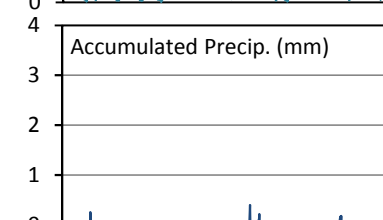
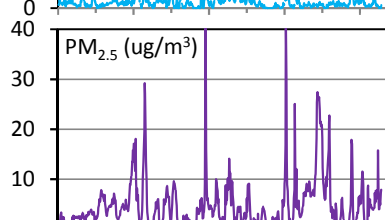
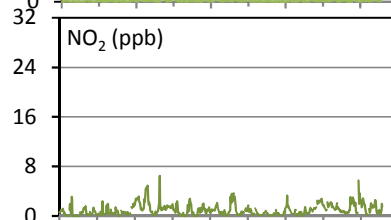
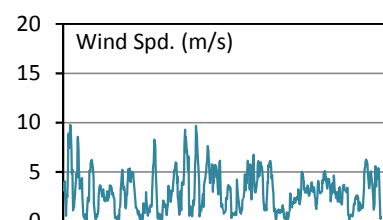
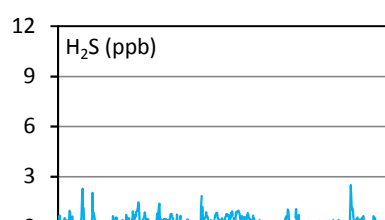
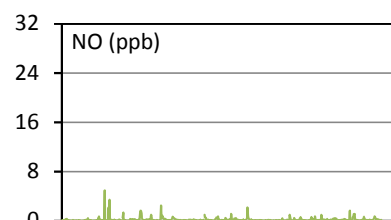
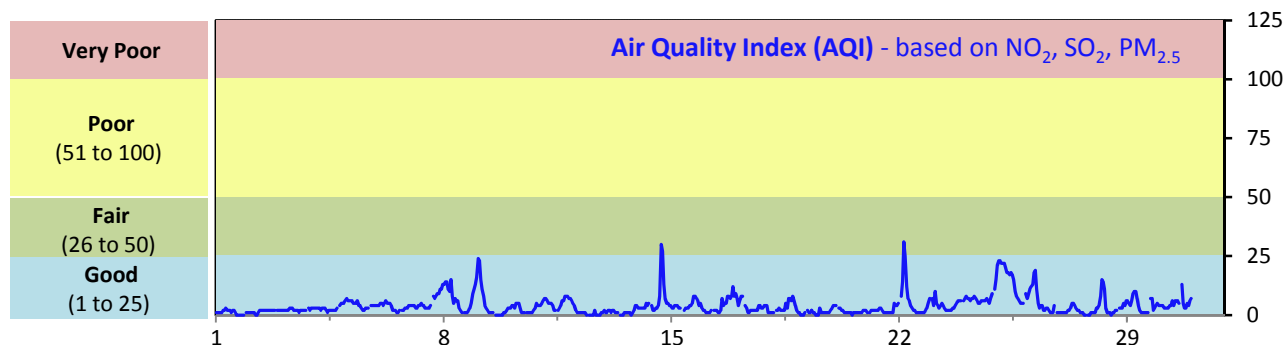
Monthly Update

- *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.
- *No compliance parameters are above 90% operational, the airpointer was not operational April 10 16:00 to April 24 10:00 due to a melted fuse.
- *6 hours of SO₂ and H₂S data, and 5 hours for all other parameters is flagged as "power failure" on April 27 due to a power disruption.
- *Routine quarterly calibrations were completed on April 24 following replacement of the fuse.

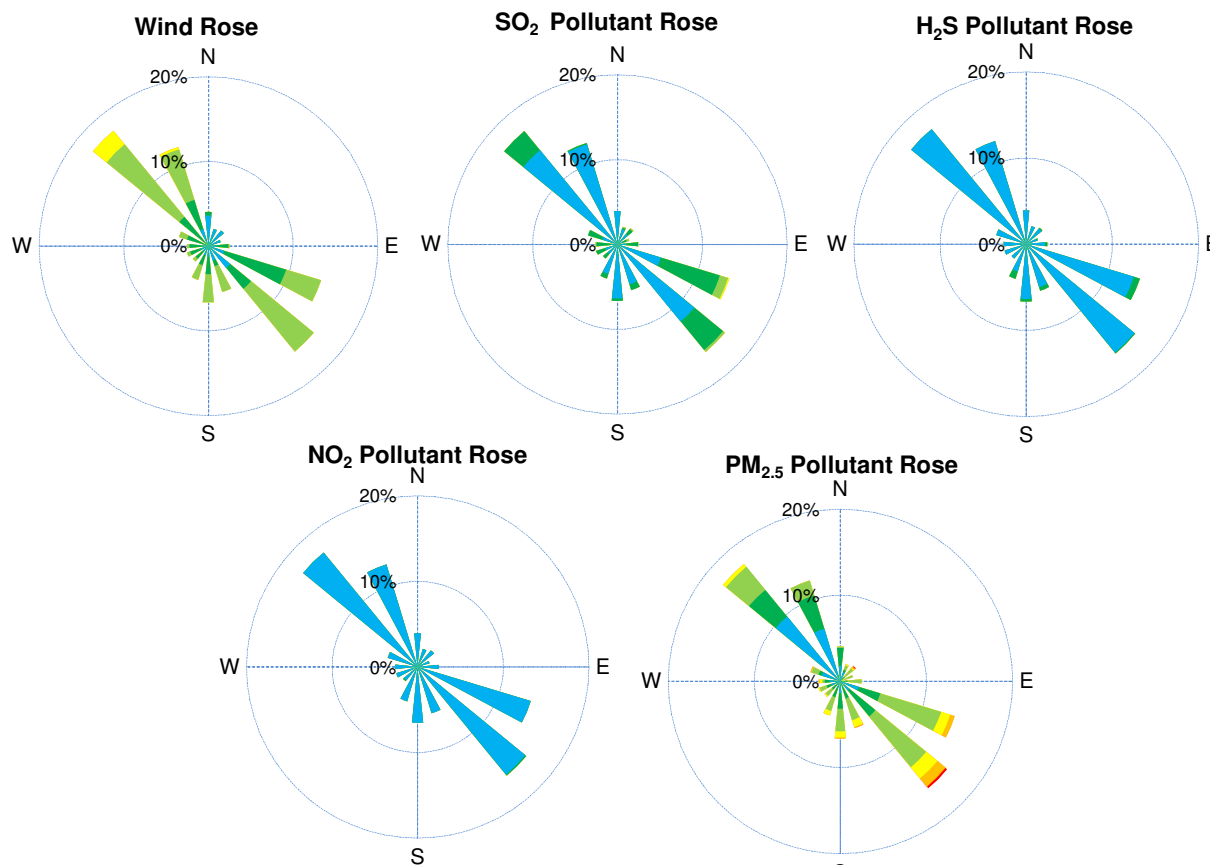
SESAA Oxbow Station - April 2015 Summary Report

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	99.9%	0.5	Apr-5	-	-	4.9	Apr-05 00:00	-	-
NO ₂	ppb	1.0	99.9%	2.2	Apr-28	-	-	6.5	Apr-10 07:00	212	0
NO _x	ppb	1.2	99.9%	2.8	Apr-28	-	-	8.9	Apr-10 07:00	-	-
SO ₂	ppb	0.9	100.0%	2.5	Apr-14	57	0	12.1	Apr-14 07:00	172	0
H ₂ S	ppb	0.3	100.0%	0.7	Apr-17	3.6	0	2.5	Apr-28 03:00	10.8	0
PM _{2.5}	ug/m3	5	100.0%	17	Apr-25	30	0	42	Apr-22 03:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Oxbow Station - April 2015 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 Standard.

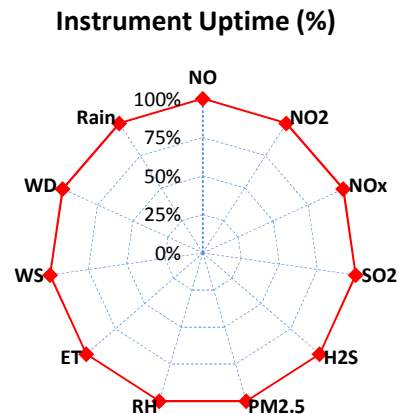
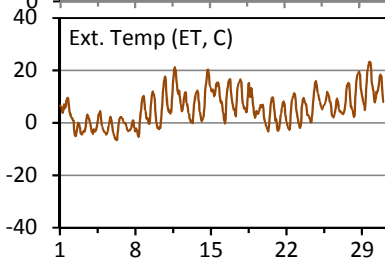
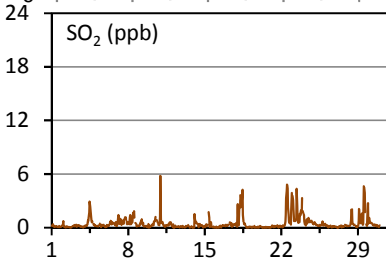
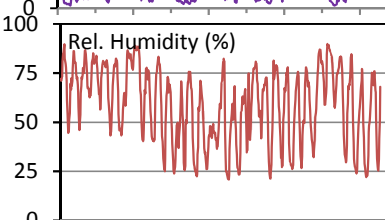
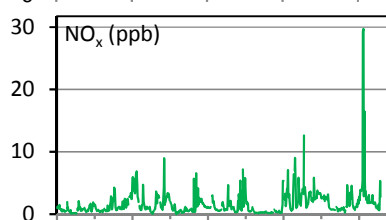
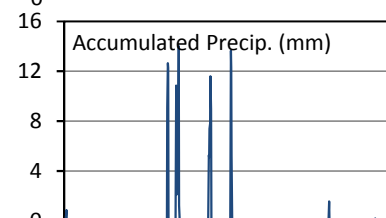
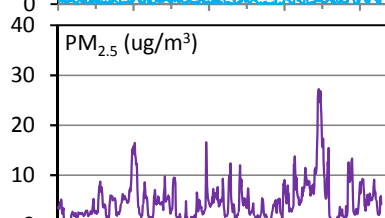
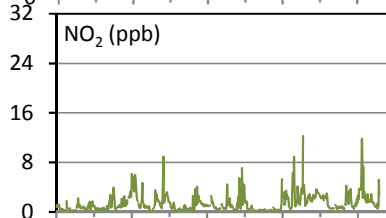
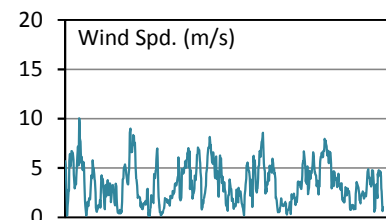
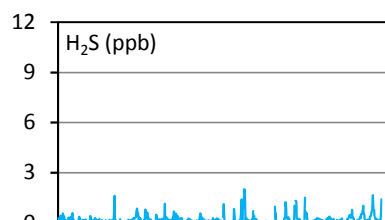
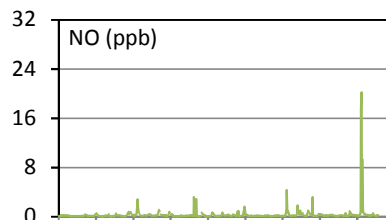
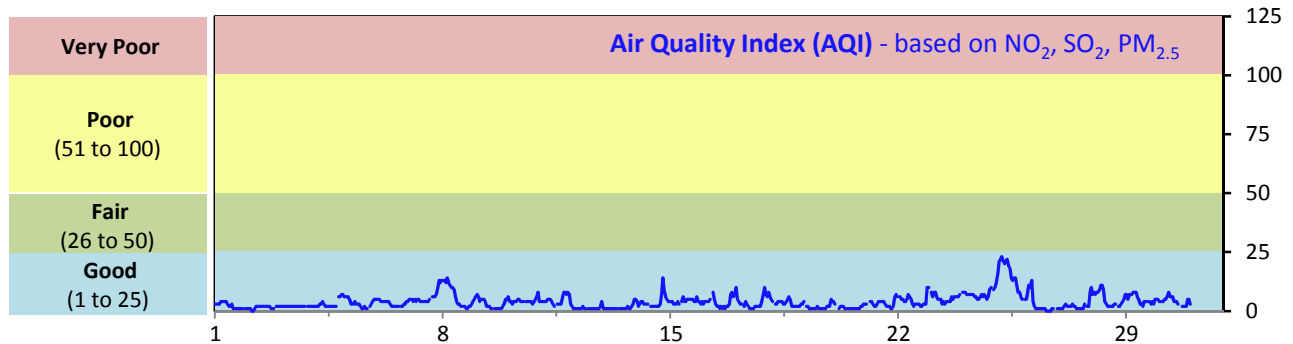
*All compliance parameters are above 90% operational.

*One hour of NO/NO₂/NO_x data is flagged as "power failure" on April 15 due to a power disruption.

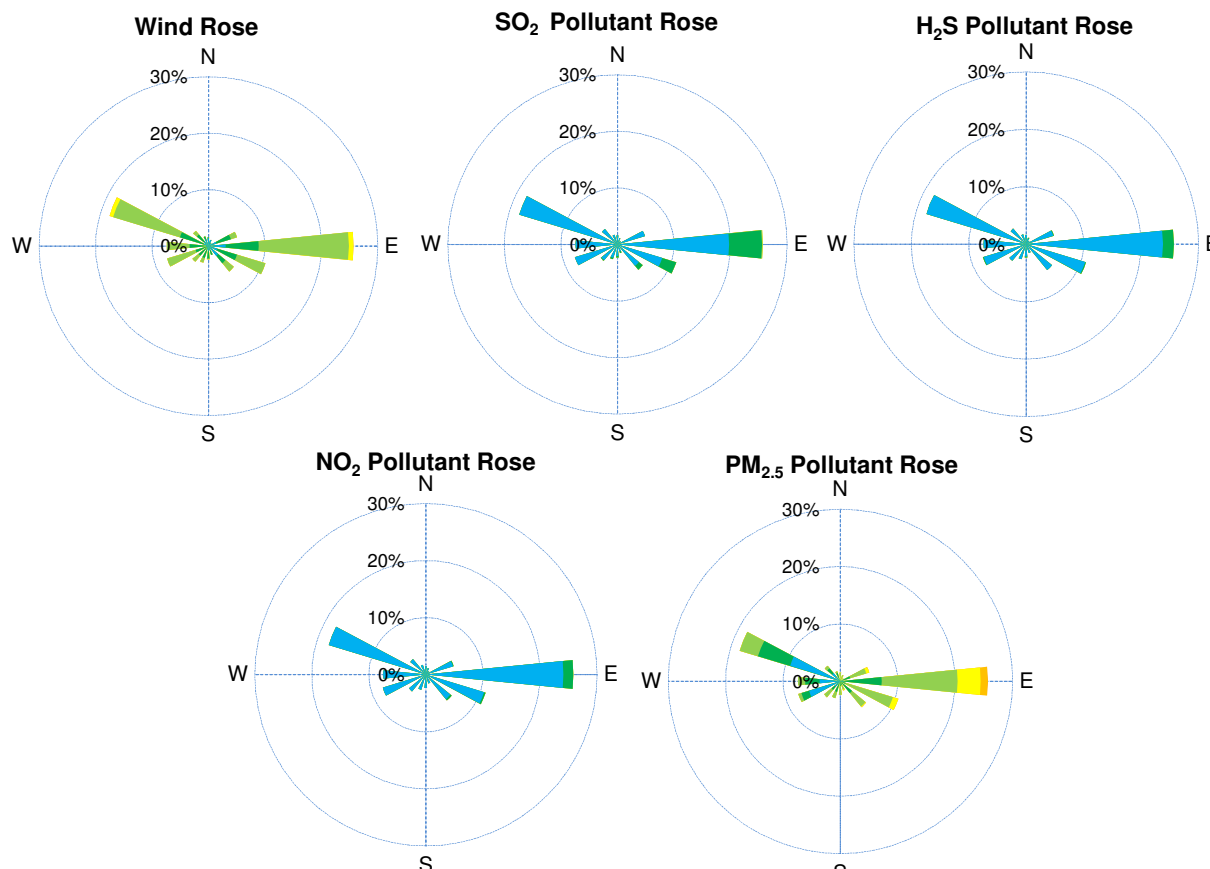
SESAA Stoughton Station - April 2015 Summary Report

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	100.0%	2.5	Apr-29	-	-	20.2	Apr-29 09:00	-	-
NO ₂	ppb	1.4	100.0%	3.7	Apr-29	-	-	12.3	Apr-23 21:00	212	0
NO _x	ppb	1.7	100.0%	6.1	Apr-29	-	-	30.0	Apr-29 09:00	-	-
SO ₂	ppb	0.5	100.0%	1.6	Apr-23	57	0	5.8	Apr-10 22:00	172	0
H ₂ S	ppb	0.2	100.0%	0.5	Apr-18	3.6	0	2.0	Apr-18 05:00	10.8	0
PM _{2.5}	ug/m3	5	100.0%	17	Apr-25	30	0	27	Apr-25 04:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Stoughton Station - April 2015 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.

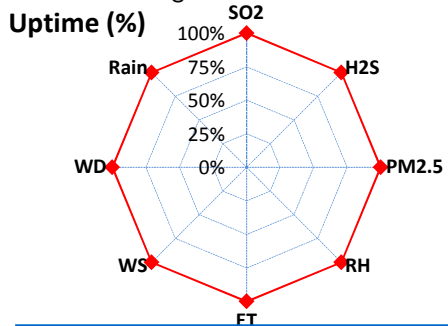
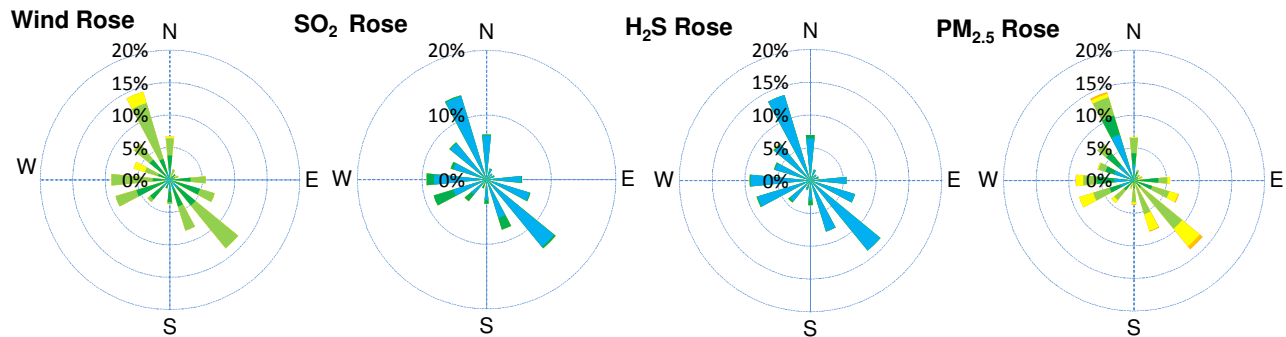
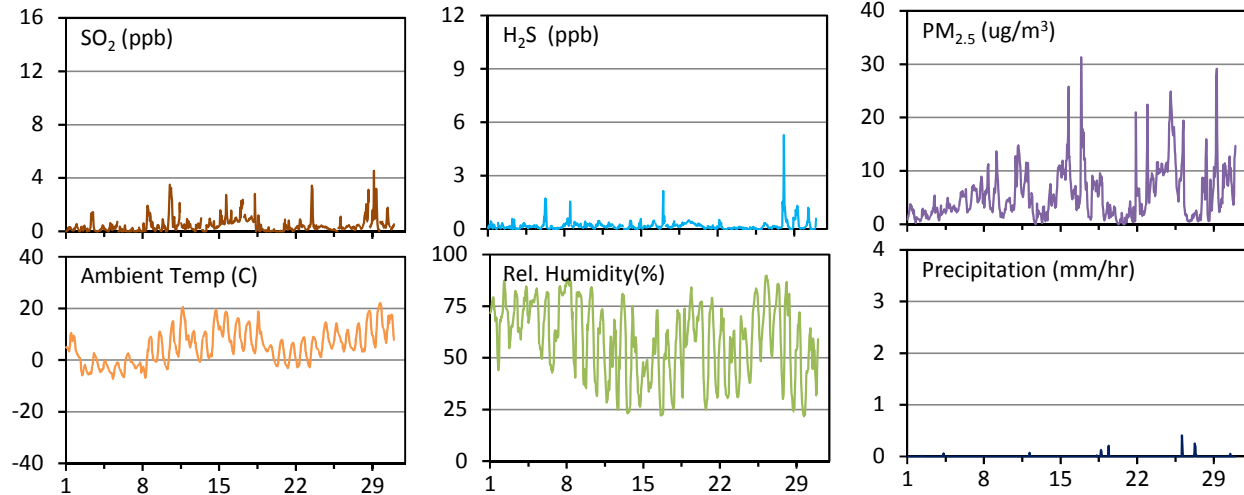
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters are above 90% operational. There are no operational issues to report.

SESAA Wauchope Station - April 2015 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	0.4	100.0%	1.2	Apr-17	57	0	4.5	Apr-29 03:00	172	0
H ₂ S	ppb	0.2	100.0%	0.6	Apr-28	3.6	0	5.3	Apr-28 01:00	10.8	0
PM _{2.5}	ug/m3	5	100.0%	13	Apr-25	30	0	31	Apr-16 21:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



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.

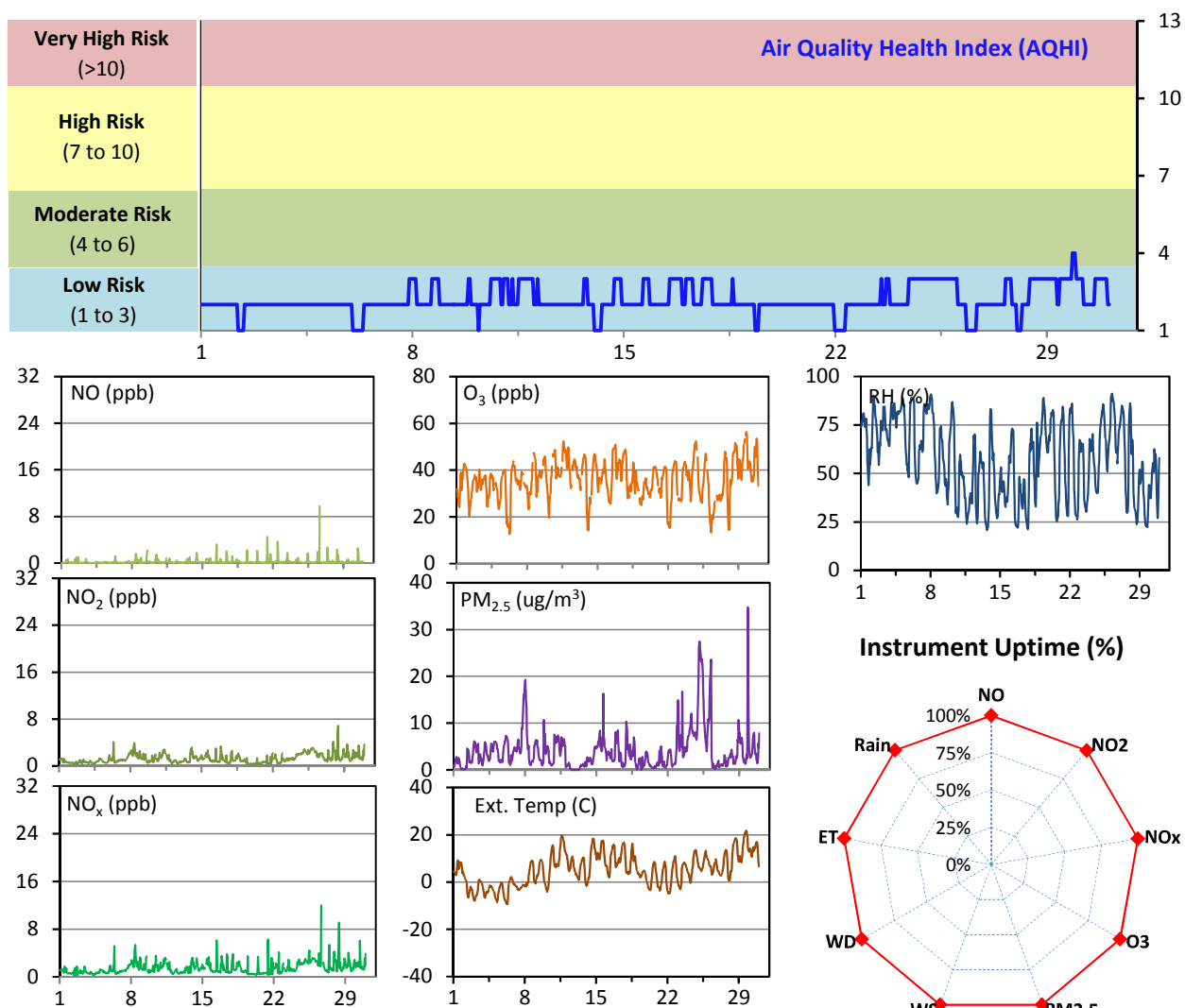
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational this month, there are no operational issues to report.

SESAA Wawota Station - April 2015 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		
NO	ppb	0.3	99.7%	0.8	Apr-26	-	-	9.8	Apr-26 15:00	-	-
NO ₂	ppb	1.3	99.7%	2.6	Apr-25	-	-	6.9	Apr-28 09:00	212	0
NO _x	ppb	1.5	99.7%	2.9	Apr-26	-	-	12.0	Apr-26 15:00	-	-
O ₃	ppb	36	99.7%	46	Apr-29	-	-	56	Apr-29 18:00	82	0
PM _{2.5}	ug/m3	4	99.9%	16	Apr-25	30	0	35	Apr-29 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

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

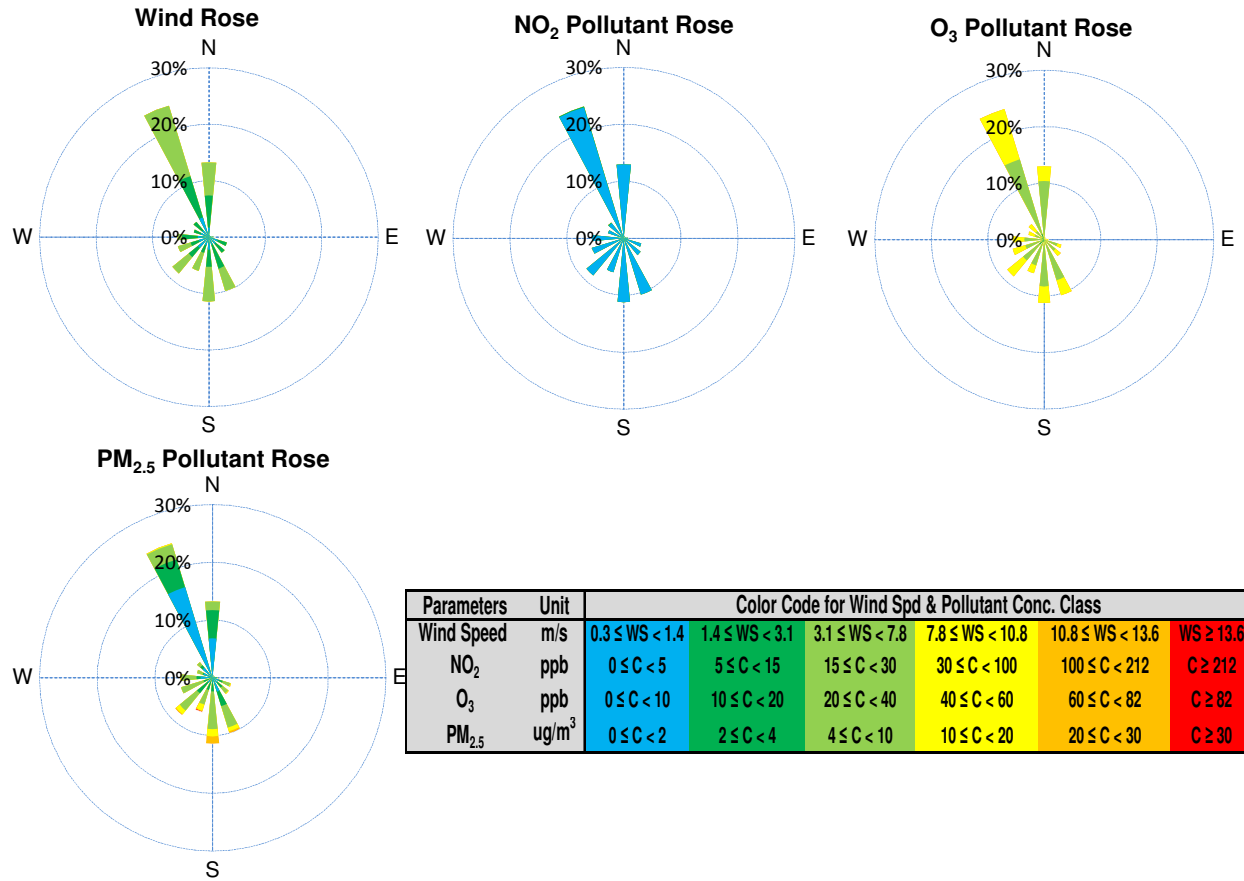
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational.

*2 hours of NO/NO₂/NO_x and O₃ data, and 1 hour for all other parameters is flagged as "power failure" on April 26 due to a power disruption.

*Wind data should be interpreted with caution as a large obstacle located near the airpointer may be affecting it.

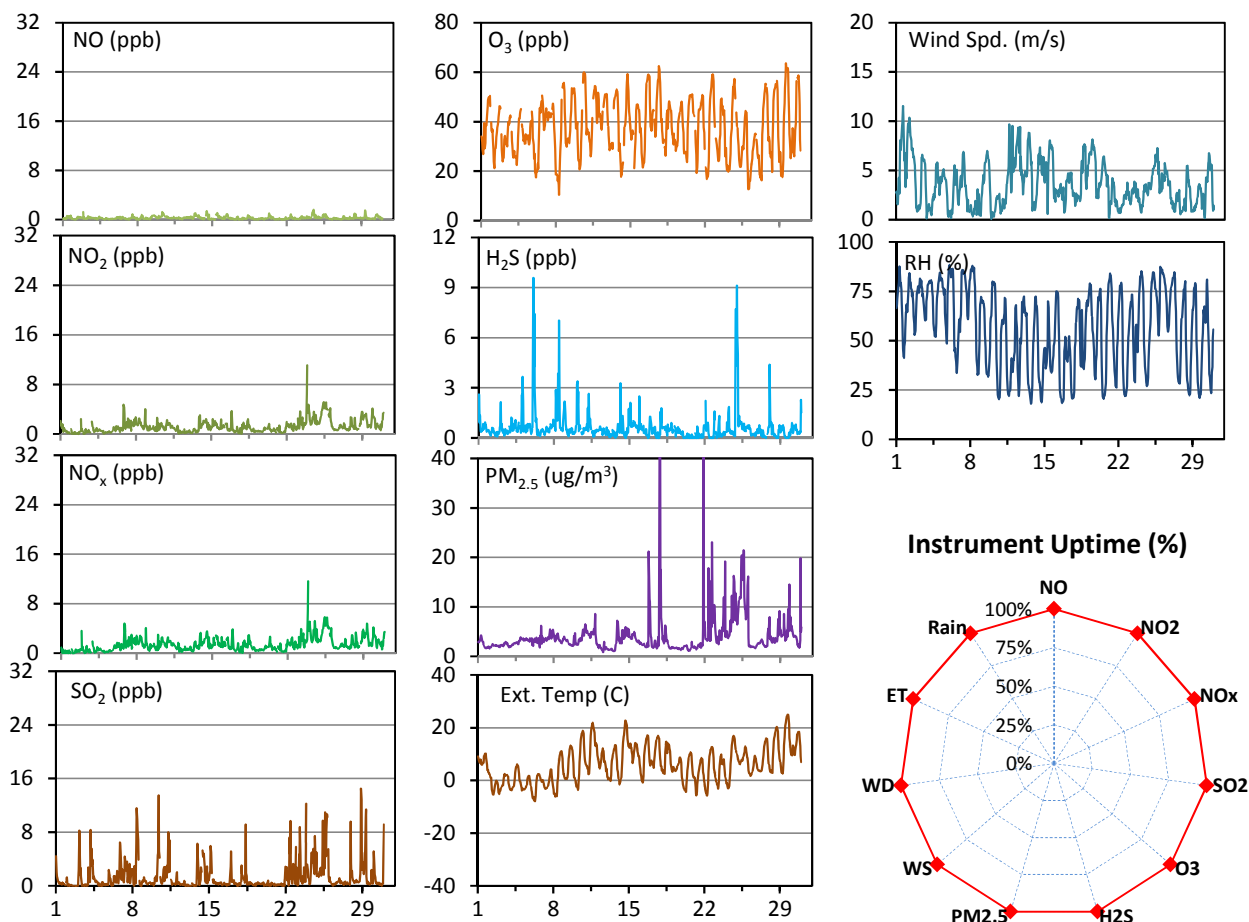
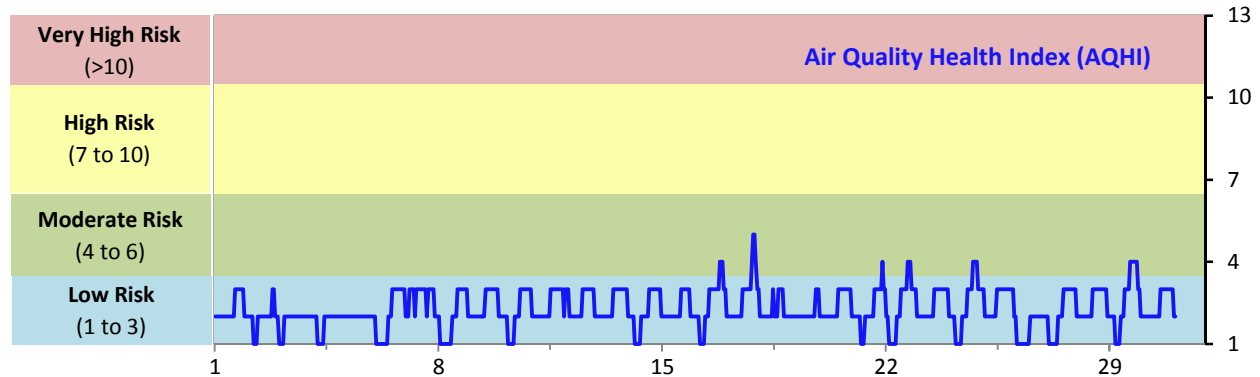
SESAA Wawota Station - April 2015 Summary Report



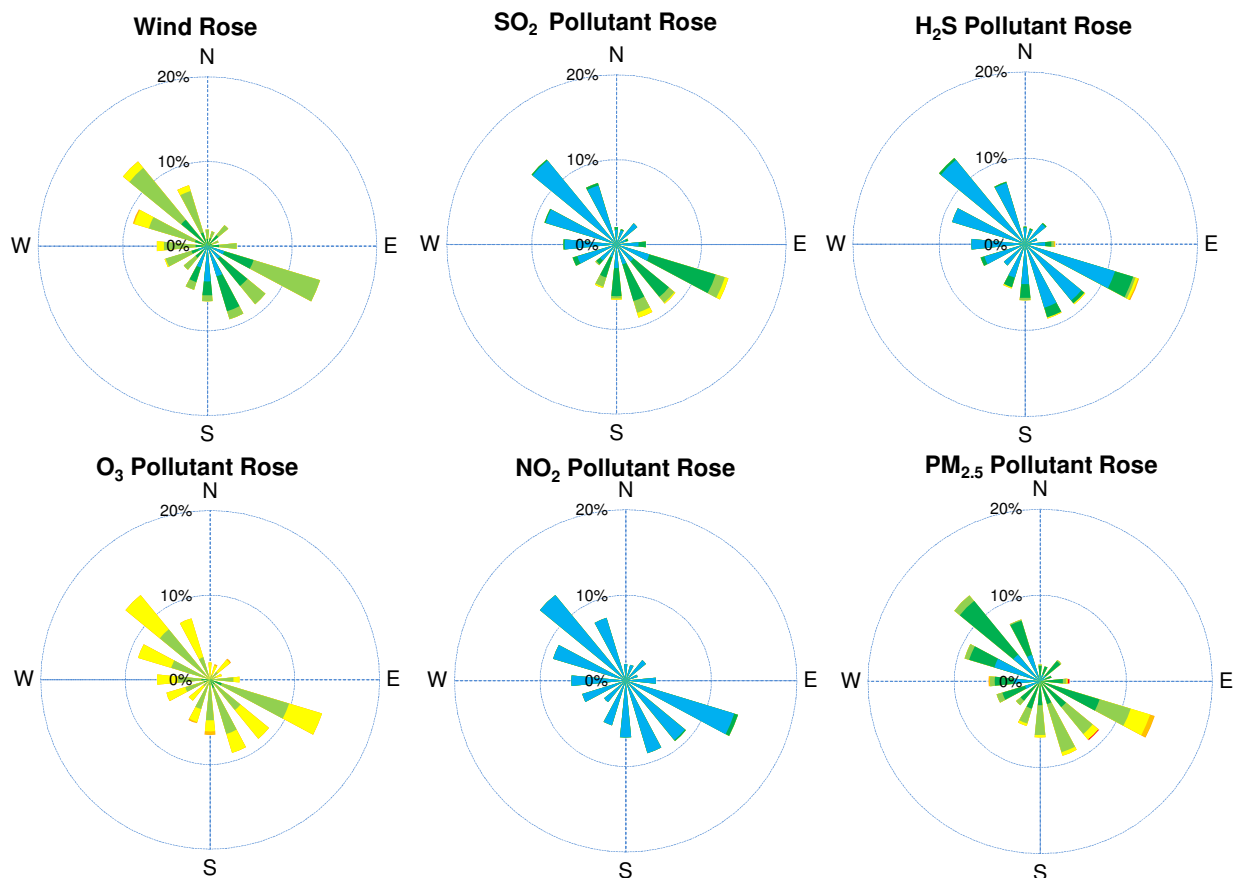
SESAA Weyburn Station - April 2015 Summary Report

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	100.0%	0.5	Apr-24	-	-	1.6	Apr-24 12:00	-	-
NO ₂	ppb	1.2	100.0%	3.7	Apr-25	-	-	11.1	Apr-23 21:00	212	0
NO _x	ppb	1.4	100.0%	4.0	Apr-25	-	-	11.6	Apr-23 21:00	-	-
SO ₂	ppb	1.4	100.0%	4.5	Apr-25	57	0	14.5	Apr-28 21:00	172	0
O ₃	ppb	37	100.0%	47	Apr-17	-	-	64	Apr-29 14:00	82	0
H ₂ S	ppb	0.6	100.0%	1.8	Apr-6	3.6	0	9.6	Apr-06 02:00	10.8	0
PM _{2.5}	ug/m3	4	100.0%	13	Apr-25	30	0	83	Apr-17 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Weyburn Station - April 2015 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	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
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 are above 90% operational. There are no operational issues to report.