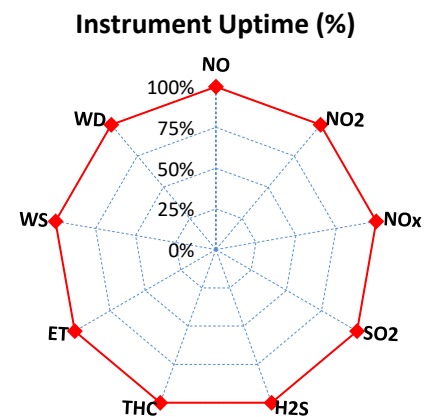
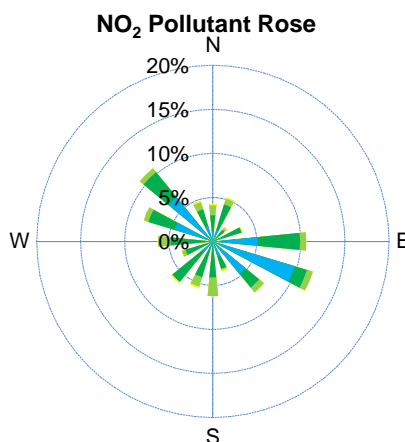
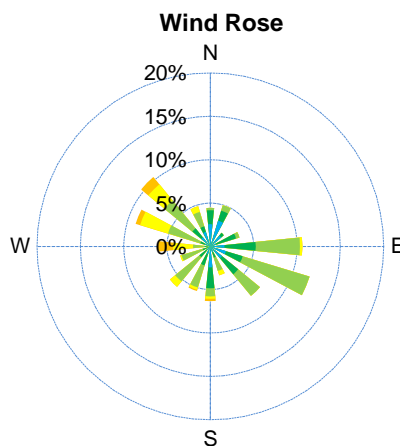
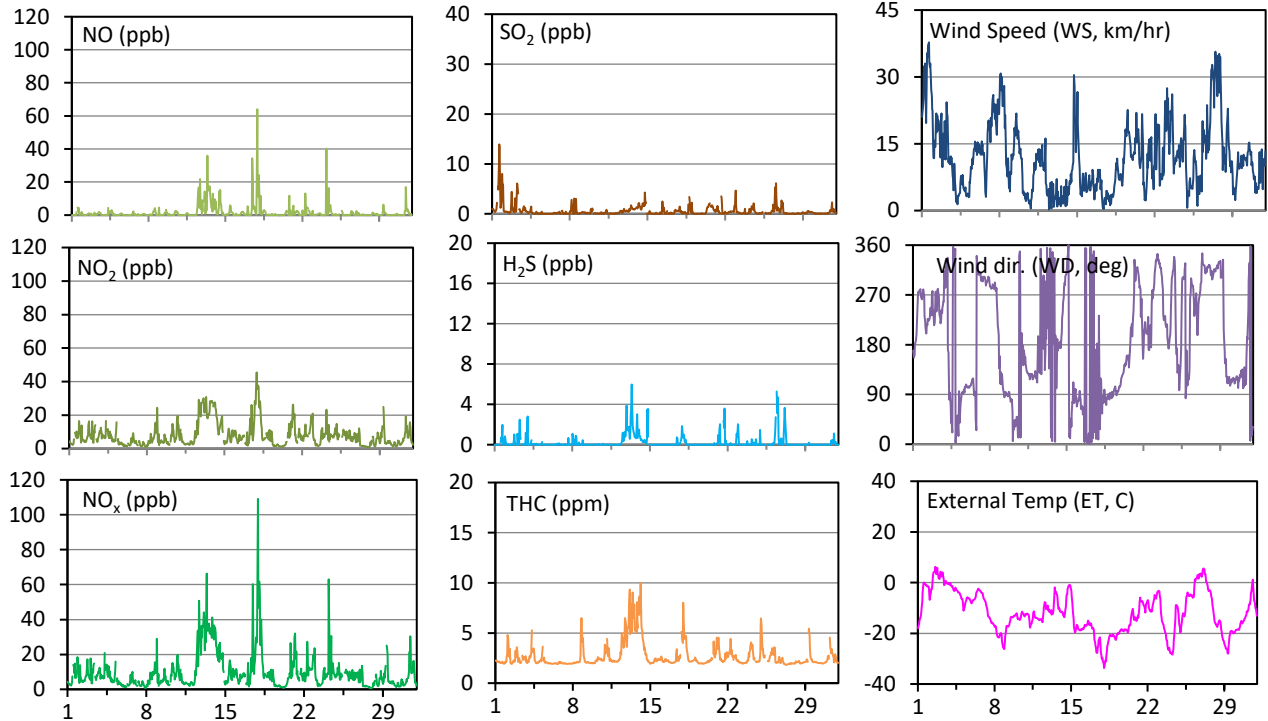


Husky Oil Operations Limited East Station - January 2019 Summary Report

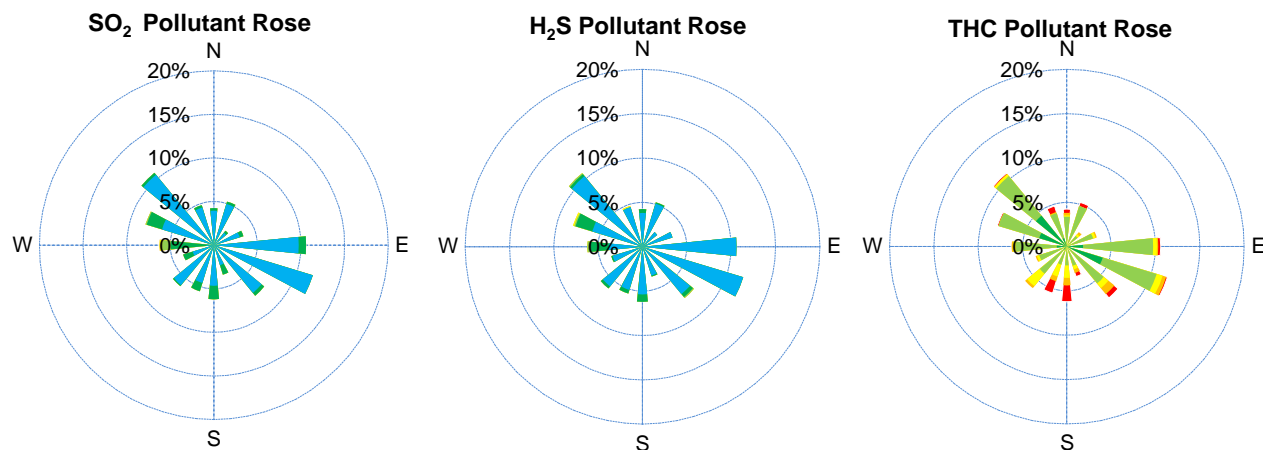
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standards	Exceed Days	Maximum		SAAQS Standards	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	1.8	100.0%	10.9	Jan-13	-	-	64.0	Jan-17 22:00	-	-
NO ₂	ppb	7.9	100.0%	24.9	Jan-13	106	0	45.5	Jan-17 22:00	159	0
NO _x	ppb	9.6	100.0%	35.7	Jan-13	-	-	109.1	Jan-17 22:00	-	-
SO ₂	ppb	1.0	100.0%	3.8	Jan-1	48	0	13.9	Jan-01 16:00	172	0
H ₂ S	ppb	0.0	100.0%	1.8	Jan-13	3.6	0	6.0	Jan-13 09:00	11.0	0
THC	ppm	2.7	100.0%	6.5	Jan-13	-	-	10.0	Jan-14 04:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	km/hr	1 ≤ WS < 5	5 ≤ WS < 10	10 ≤ WS < 20	20 ≤ WS < 30	30 ≤ WS < 40	WS ≥ 40
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 < 11	C ≥ 11
THC	ppm	0 ≤ C < 1	1 ≤ C < 2	2 ≤ C < 3	3 ≤ C < 4	4 ≤ C < 5	C ≥ 5

Husky Oil Operations Limited East Station - January 2019 Summary Report



Monthly Update

*Air monitoring data has been validated. Data may change after validation process.

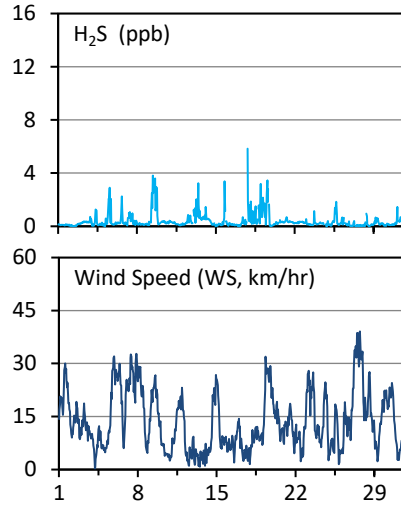
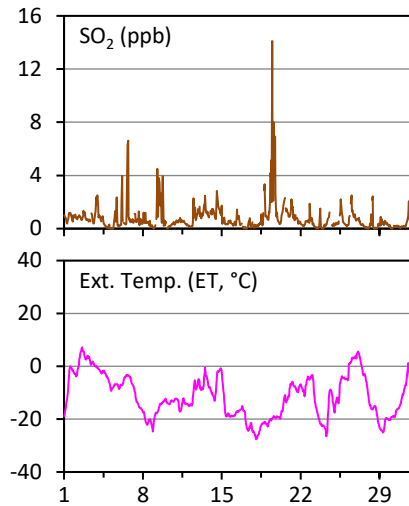
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

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

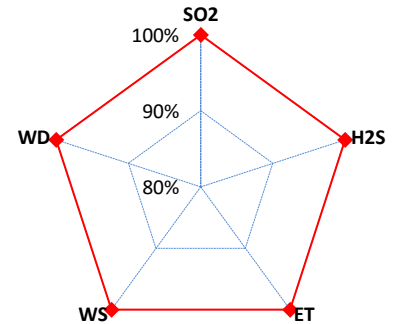
Husky Oil Operations Limited West Station - January 2019 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		AAAQO / SAAQS	Exceed Days	Maximum		AAAQO / SAAQS	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	1.0	100.0%	3.1	Jan-19	48 / 48	0 / 0	14.1	Jan-19 12:00	172 / 172	0 / 0
H ₂ S	ppb	0.0	100.0%	2.0	Jan-9	3 / 3.6	0 / 0	6.0	Jan-17 20:00	10 / 11.0	0 / 0

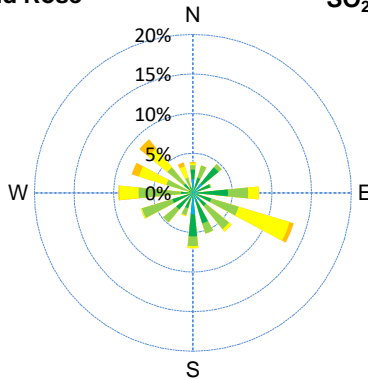
AAAQO: Alberta Ambient Air Quality Objectives; SAAQS: Saskatchewan Ambient Air Quality Standards.



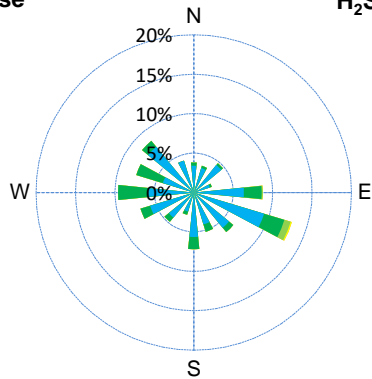
Uptime (%)



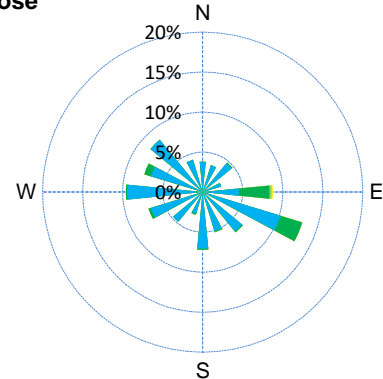
Wind Rose



SO₂ Rose



H₂S Rose



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	km/hr	1 ≤ WS < 5	5 ≤ WS < 10	10 ≤ WS < 20	20 ≤ WS < 30	30 ≤ WS < 40	WS ≥ 40
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 < 11	C ≥ 11

Monthly Update

*Air monitoring data has been validated. Data may change after validation process.

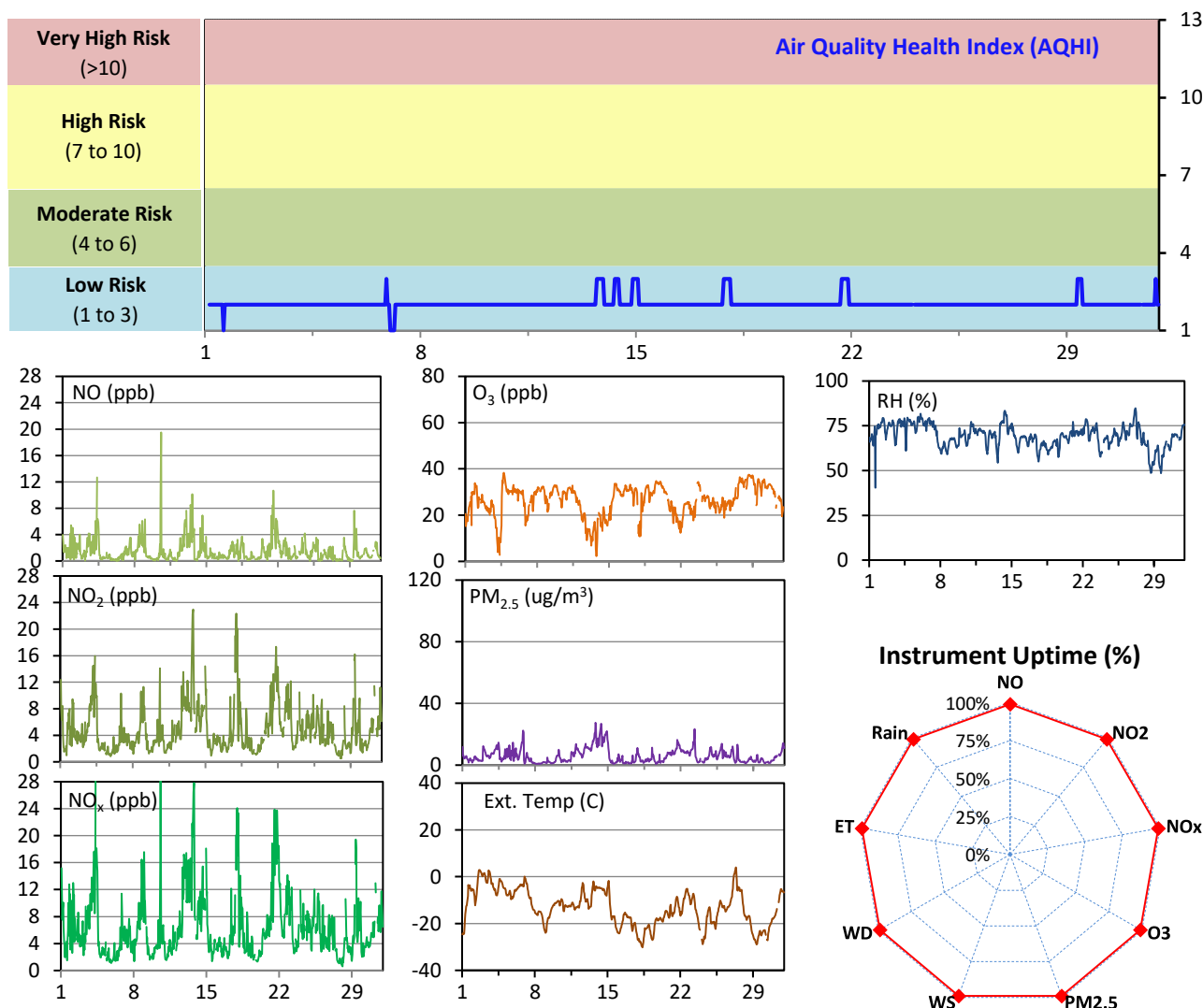
*All compliance parameters were within the Alberta Ambient Air Quality Objectives and the Saskatchewan Ambient Air Quality Standards.

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

WYAMZ Clavet Station - January 2019 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	1.5	98.9%	4.0	Jan-13	-	-	19.5	Jan-10 14:00	-	-
NO ₂	ppb	4.9	98.9%	11.0	Jan-13	106	0	23.0	Jan-13 19:00	159	0
NO _x	ppb	6.4	98.9%	15.0	Jan-13	-	-	33.6	Jan-10 14:00	-	-
O ₃	ppb	26	98.9%	35	Jan-28	-	-	38	Jan-04 18:00	82	0
PM _{2.5}	ug/m3	6	98.9%	18	Jan-14	28	0	27	Jan-13 19:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

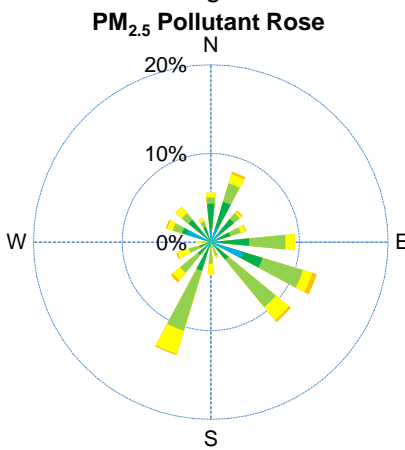
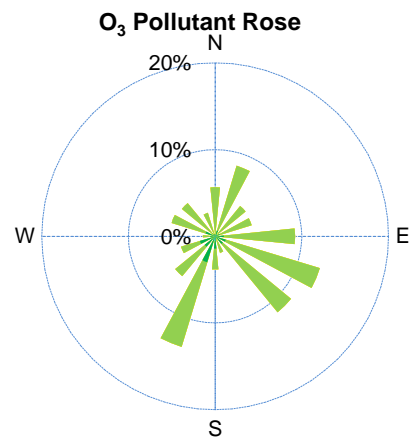
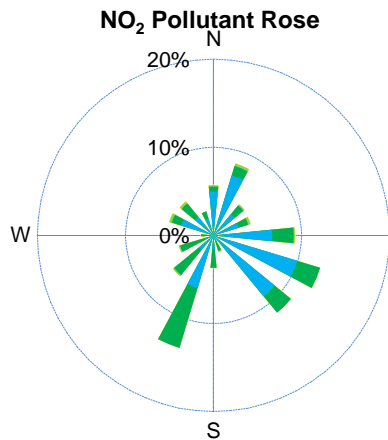
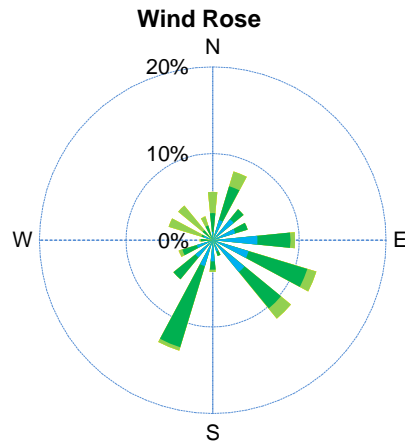
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

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

*All compliance parameters were greater than 90% operational for the month.

* Five hours of data flagged as "power failure" Jan 30-31 due to cold weather data interruptions, three hours on Jan 23 due to a power interruption.

WYAMZ Clavet Station - January 2019 Summary Report

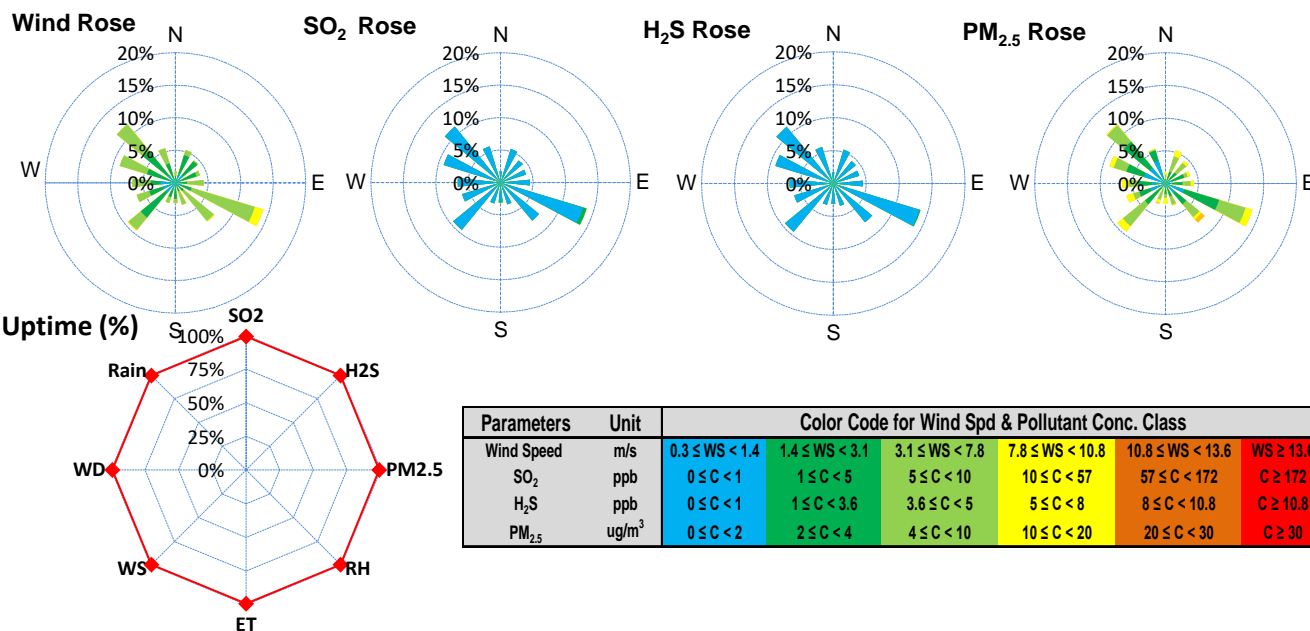
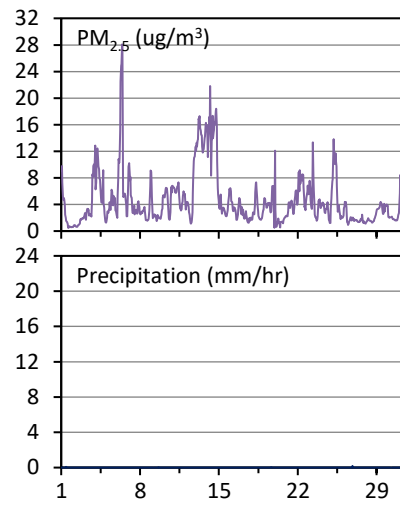
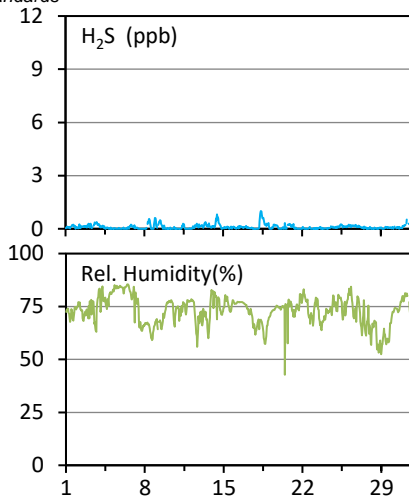
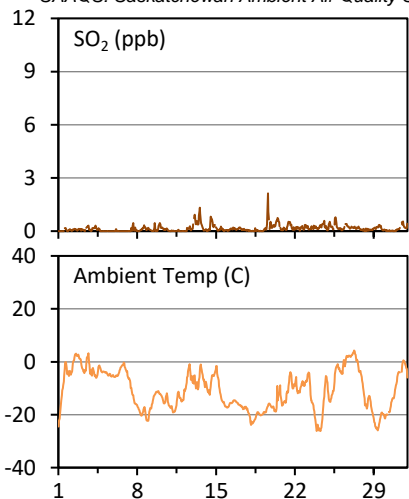


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
O ₃	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

WYAMZ Kerrobert Station - January 2019 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
SO ₂	ppb	0.2	99.2%	0.5	Jan-13	48	0	2.1	Jan-19 14:00	172	0
H ₂ S	ppb	0.1	99.2%	0.4	Jan-18	3.6	0	1.0	Jan-18 08:00	11	0
PM _{2.5}	ug/m3	5	98.9%	15	Jan-13	28	0	28	Jan-06 09:00	-	-

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

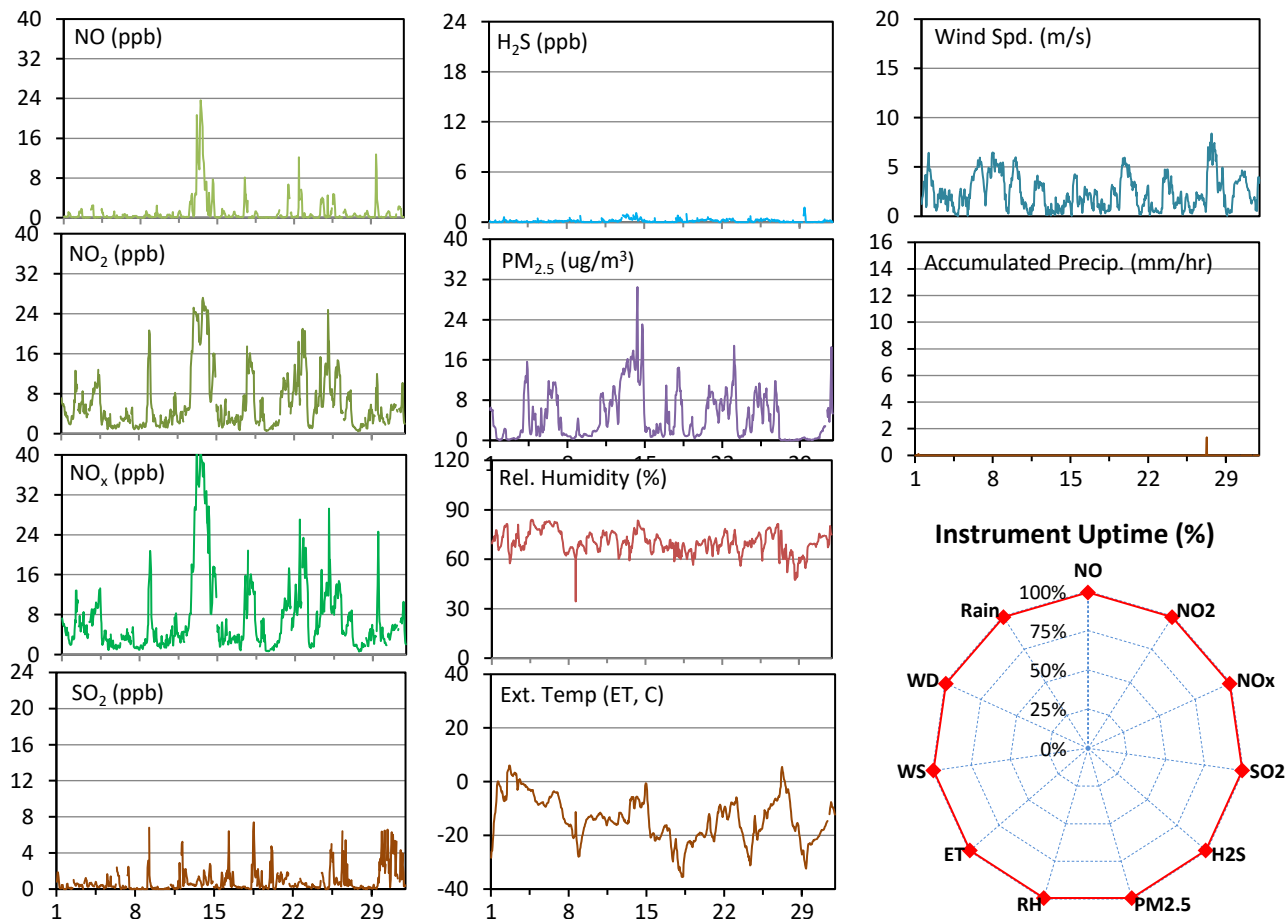
Monthly Update

- *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.
- * Five hours of data flagged as "power failure" Jan 30-31 due to cold weather data interruptions, one hour on Jan 9 due to a power interruption.

WYAMZ Maidstone Station - January 2019 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	1.1	99.3%	13.4	Jan-13	-	-	23.7	Jan-13 11:00	-	-
NO ₂	ppb	6.1	99.3%	22.8	Jan-13	106	0	27.2	Jan-13 18:00	159	0
NO _x	ppb	7.2	99.3%	36.2	Jan-13	-	-	45.0	Jan-13 03:00	-	-
SO ₂	ppb	0.8	99.3%	3.7	Jan-30	48	0	7.4	Jan-18 12:00	172	0
H ₂ S	ppb	0.1	99.3%	0.6	Jan-13	3.6	0	1.7	Jan-29 10:00	11	0
PM _{2.5}	ug/m3	5	99.3%	15	Jan-14	28	0	30	Jan-14 07:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

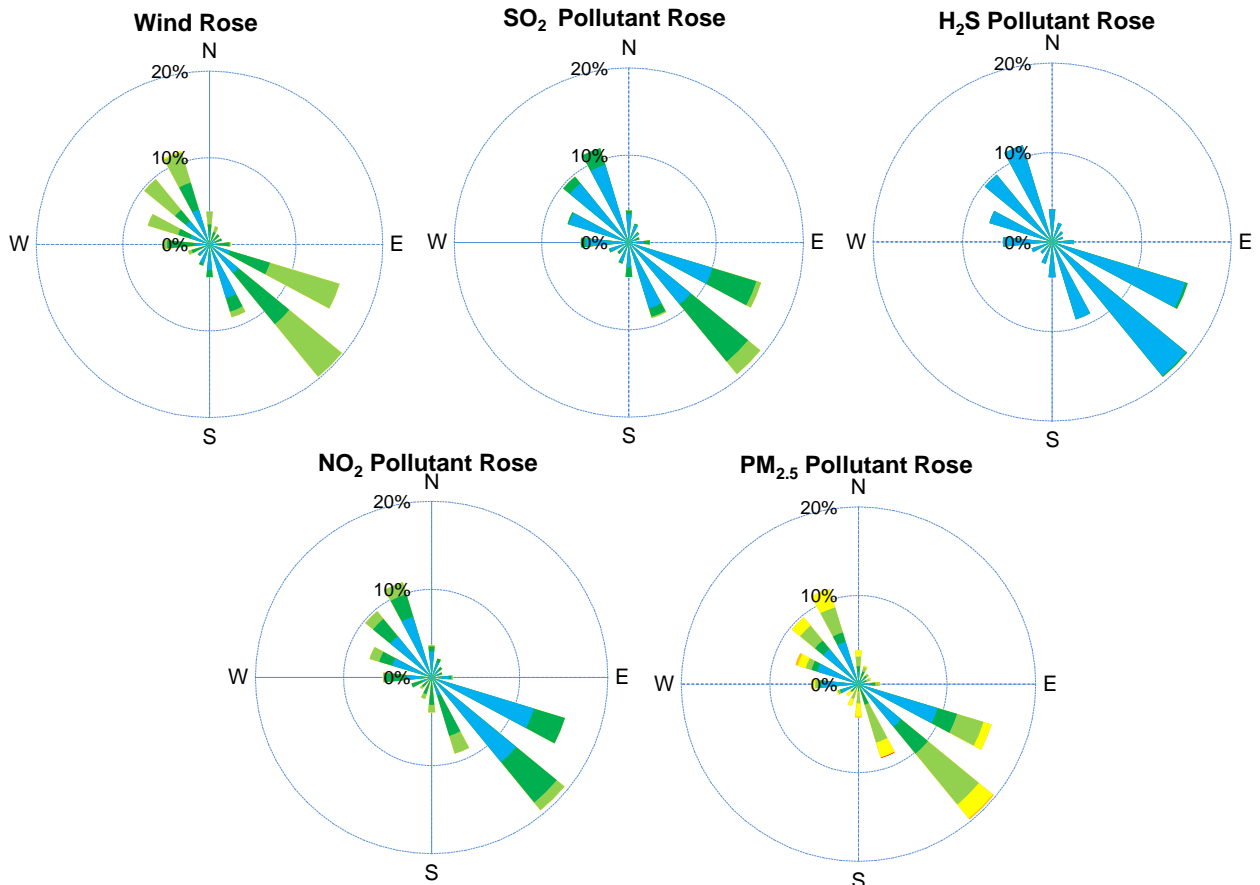
* All data has been slope, intercept, and baseline corrected. Data may change after validation process.

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

* All compliance parameters were greater than 90% operational.

* Five hours of data flagged as "power failure" Jan 30-31 due to cold weather data interruptions.

WYAMZ Maidstone Station - January 2019 Summary Report

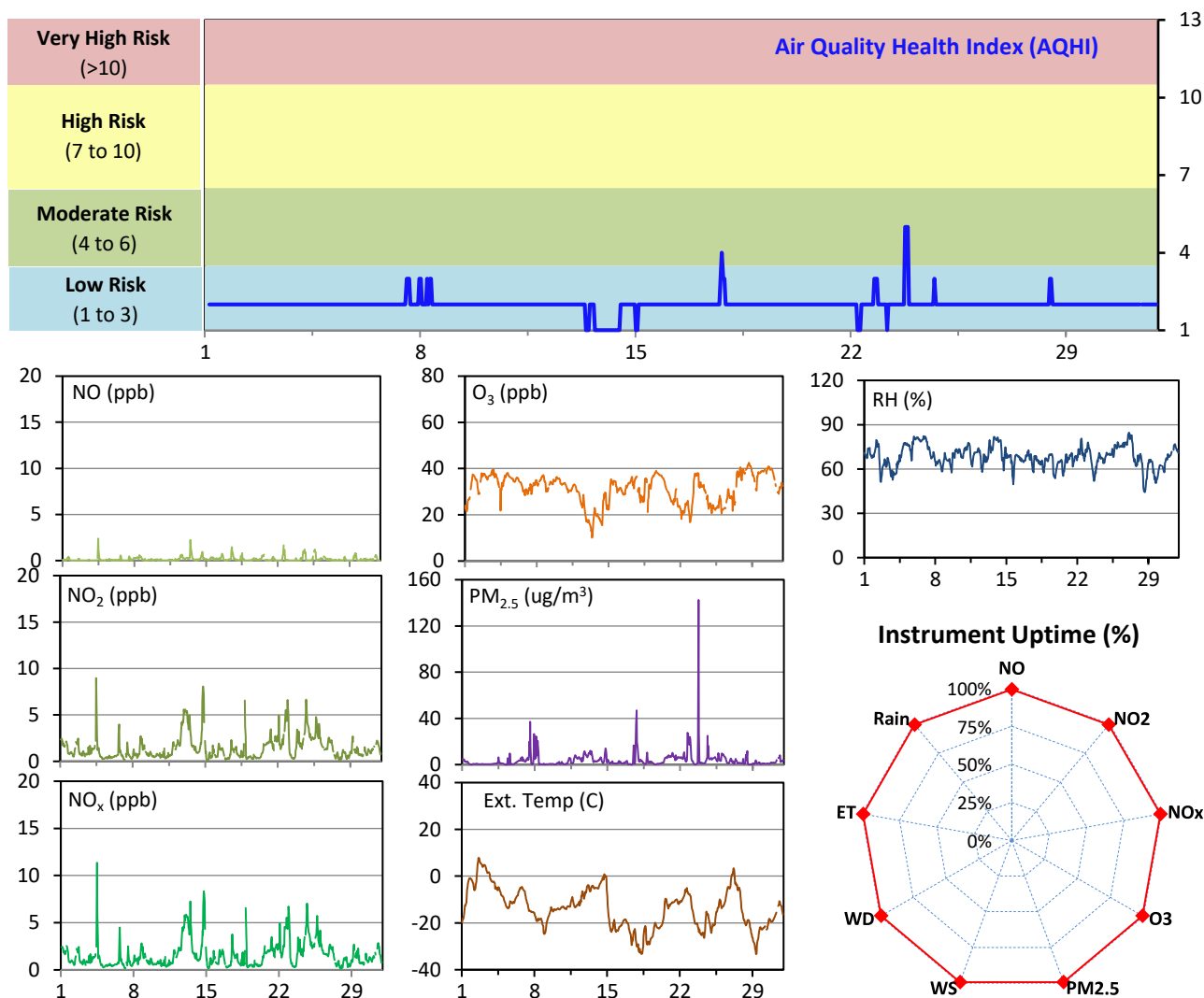


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
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	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$

WYAMZ Meadow Lake Station - January 2019 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	0.2	99.3%	0.4	Jan-13	-	-	2.4	Jan-04 11:00	-	-
NO ₂	ppb	1.4	99.3%	3.4	Jan-13	106	0	9.0	Jan-04 11:00	159	0
NO _x	ppb	1.6	99.3%	3.8	Jan-13	-	-	11.4	Jan-04 11:00	-	-
O ₃	ppb	31	99.3%	40	Jan-28	-	-	43	Jan-28 16:00	82	0
PM _{2.5}	ug/m3	4	99.3%	11	Jan-22	28	0	143	Jan-23 18:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

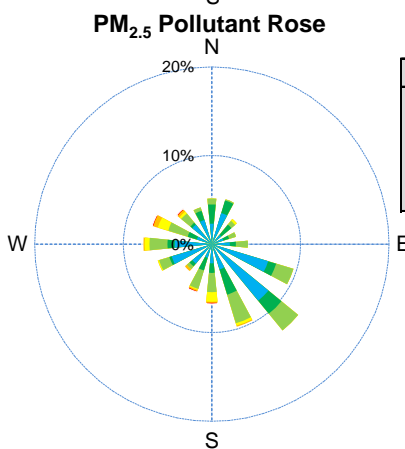
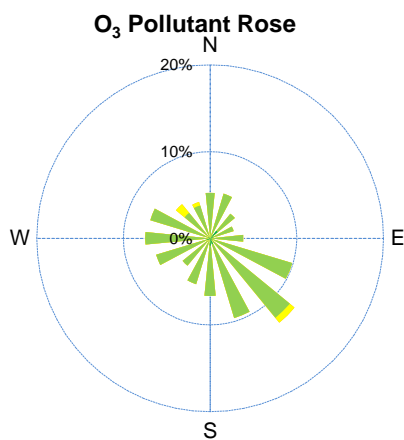
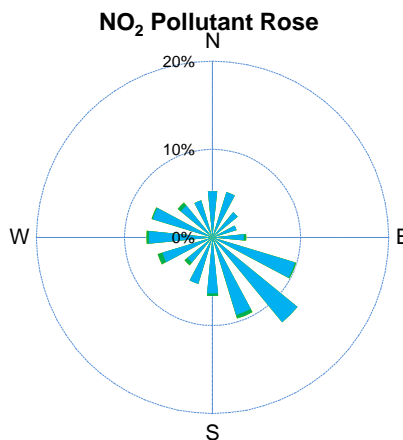
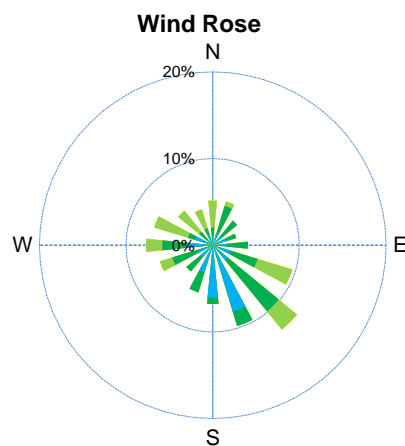
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

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

*All compliance parameters were greater than 90% operational.

* Five hours of data flagged as "power failure" Jan 30-31 due to cold weather data interruptions

WYAMZ Meadow Lake Station - January 2019 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
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	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$