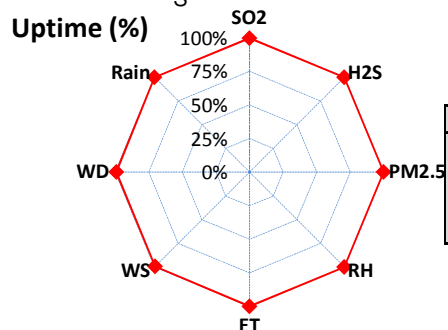
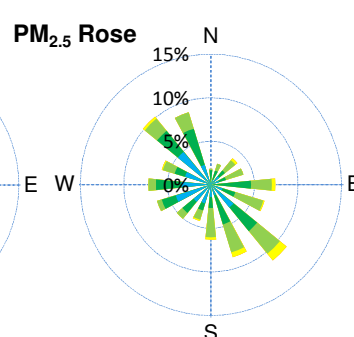
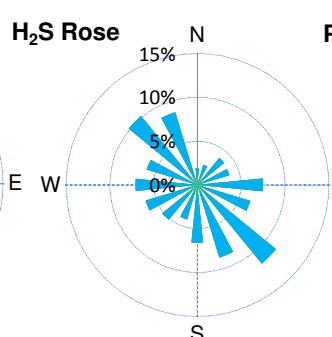
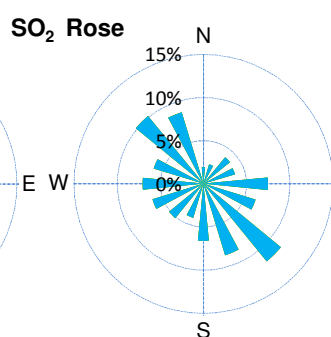
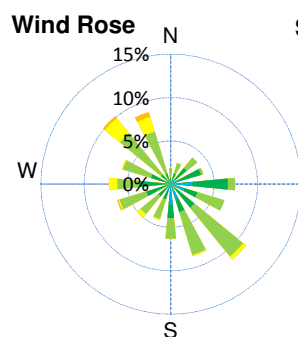
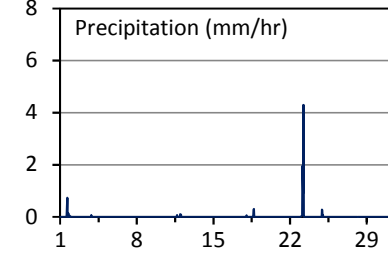
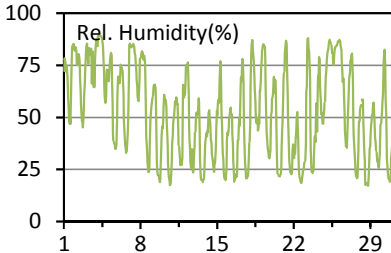
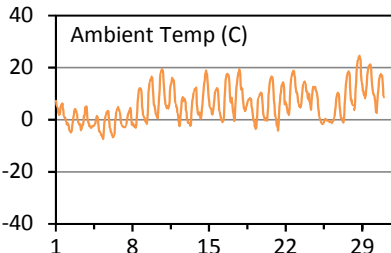
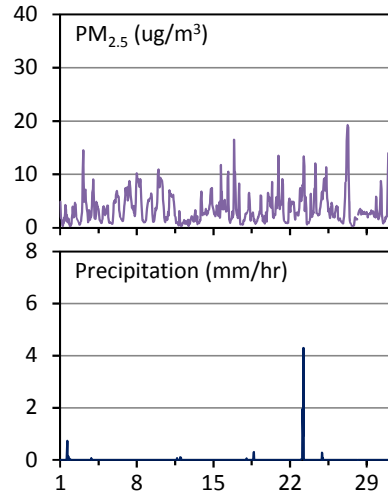
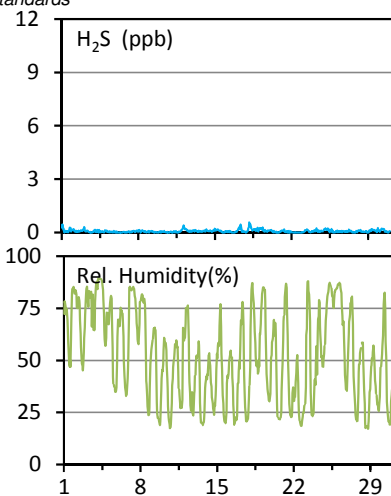
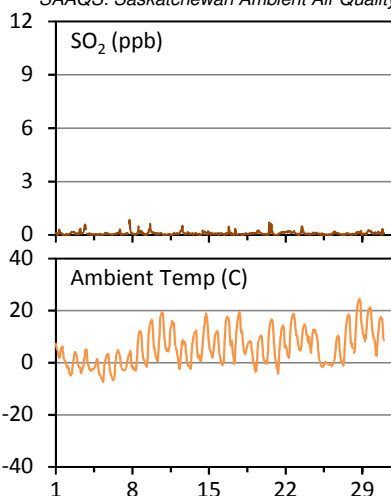


WYAMZ Kindersley Station - April 2015 Summary Report

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	0.1	99.7%	0.2	Apr-3	57	0	0.8	Apr-07 17:00	172	0
H ₂ S	ppb	0.1	99.7%	0.2	Apr-18	3.6	0	0.6	Apr-18 03:00	10.8	0
PM _{2.5}	ug/m ³	4	99.9%	6	Apr-27	30	0	19	Apr-27 06:00	-	-

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 are above 90% operational.

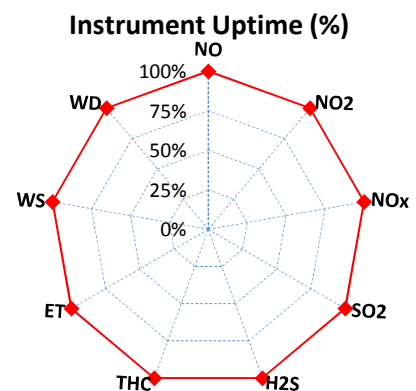
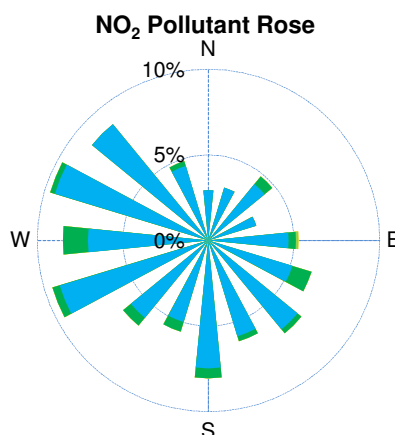
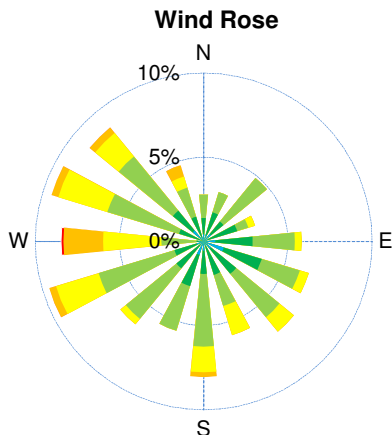
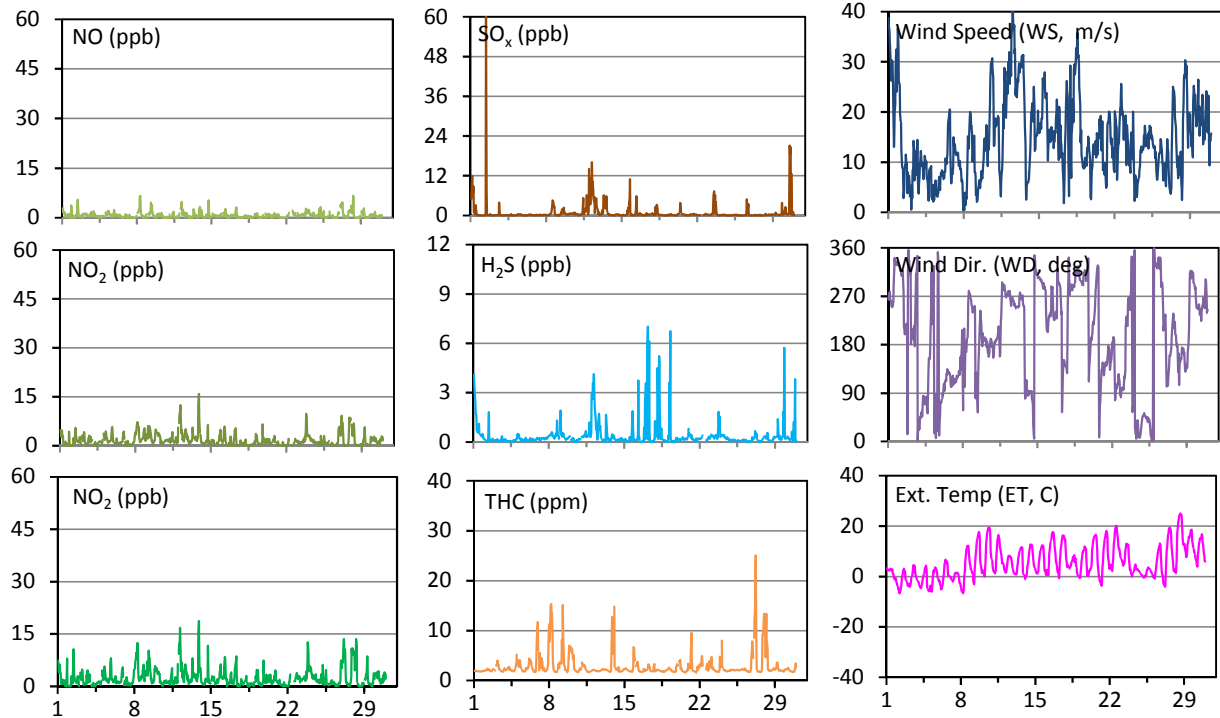
*There are 2 hours of H₂S and SO₂ data, and 1 hour for all other parameters flagged as "power failure" due to a power disruption.

*There are 6 hours of WS added data flagged as "analyzer failure" while the instrument was malfunctioning, attributed to adverse weather.

Lloydminster East Station - April 2015 Summary Report

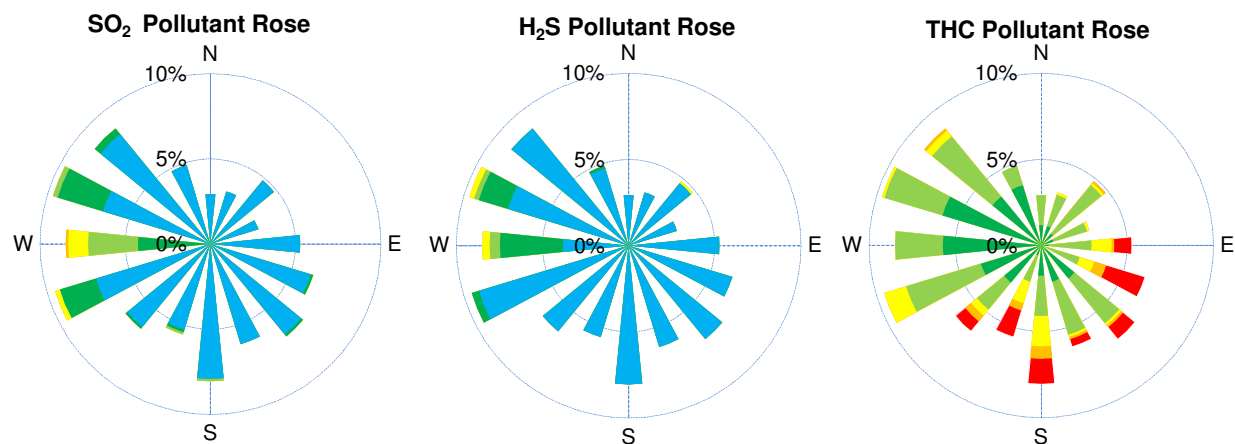
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standards	Exceed Days	Maximum		SAAQS Standards	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.8	100.0%	1.6	Apr-27	-	-	6.7	Apr-28 07:00	-	-
NO ₂	ppb	1.7	100.0%	4.3	Apr-12	-	-	15.9	Apr-13 22:00	212	0
NO _x	ppb	2.5	100.0%	5.4	Apr-12	-	-	18.7	Apr-13 22:00	-	-
SO ₂	ppb	1.0	100.0%	4.9	Apr-12	57	0	60.2	Apr-02 11:00	172	0
H ₂ S	ppb	0.4	100.0%	1.4	Apr-12	3.6	0	7.0	Apr-17 05:00	10.8	0
THC	ppm	2.9	100.0%	6.9	Apr-27	-	-	25.1	Apr-27 06:00	-	-

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 < 10.8	C ≥ 10.8
THC	ppm	0 ≤ C < 1	1 ≤ C < 2	2 ≤ C < 3	3 ≤ C < 4	4 ≤ C < 5	C ≥ 5

Lloydminster East Station - April 2015 Summary Report



Monthly Update

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

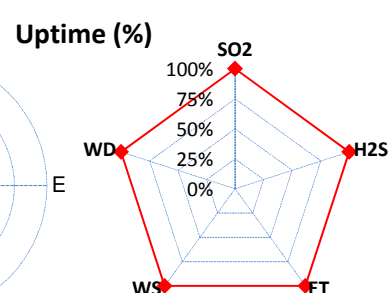
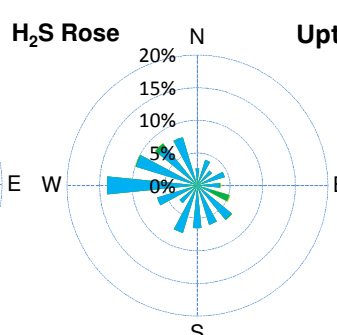
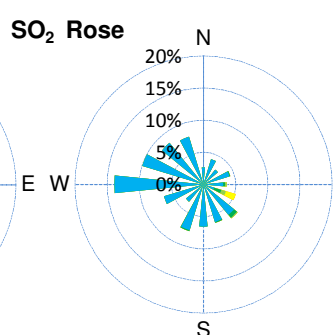
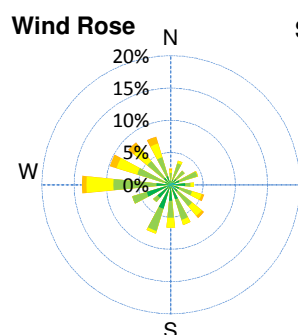
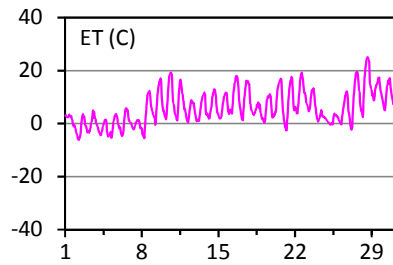
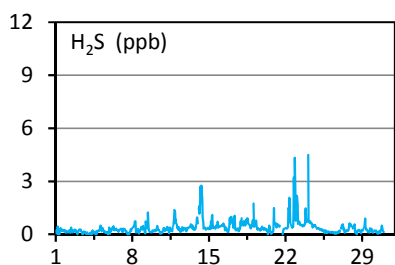
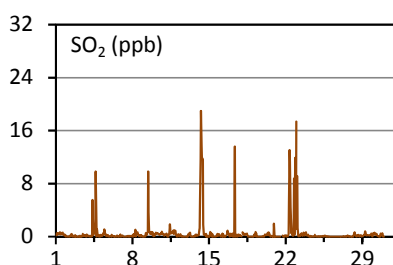
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

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

Lloydminster West Station - April 2015 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	0.5	100.0%	4.0	Apr-22	48 / 57	0 / 0	19.0	Apr-14 07:00	172 / 172	0 / 0
H ₂ S	ppb	0.4	100.0%	1.1	Apr-22	3.0 / 3.6	0 / 0	4.4	Apr-24 02:00	10.0 / 10.8	0 / 0

AAAQO: Alberta Ambient Air Quality Objectives; 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
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

Monthly Update

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

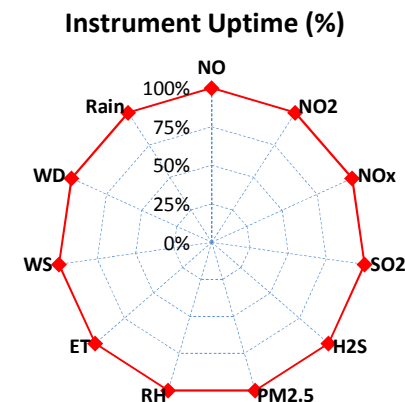
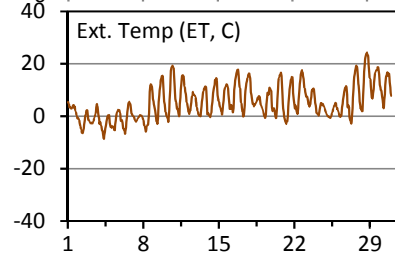
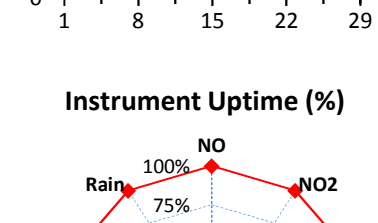
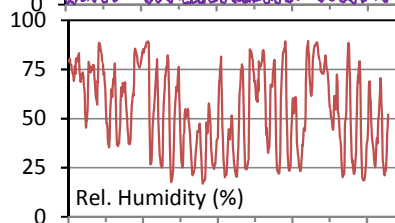
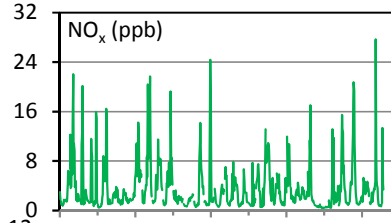
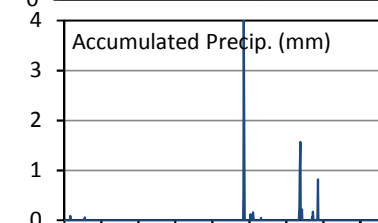
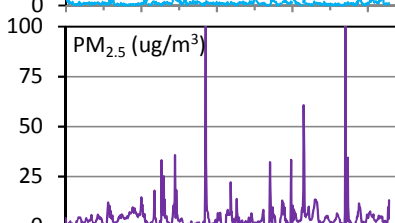
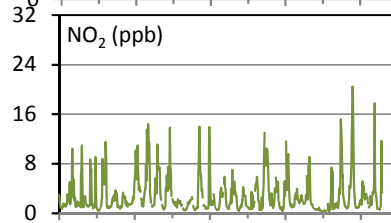
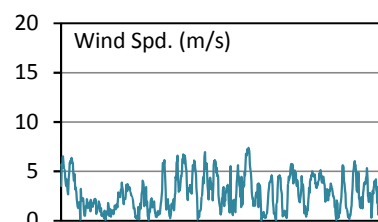
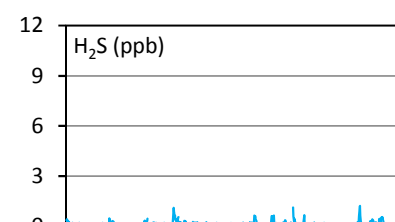
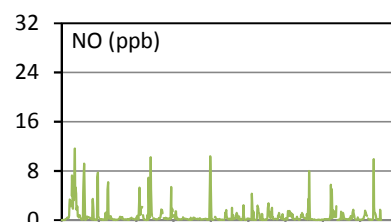
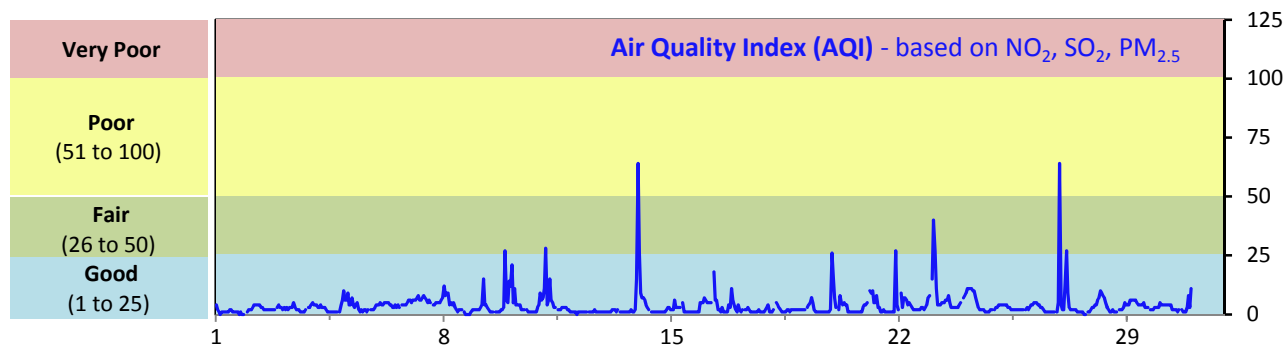
*All compliance parameters were within the Alberta Ambient Air Quality Objectives, and the Saskatchewan Ambient Air Quality Standards.

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

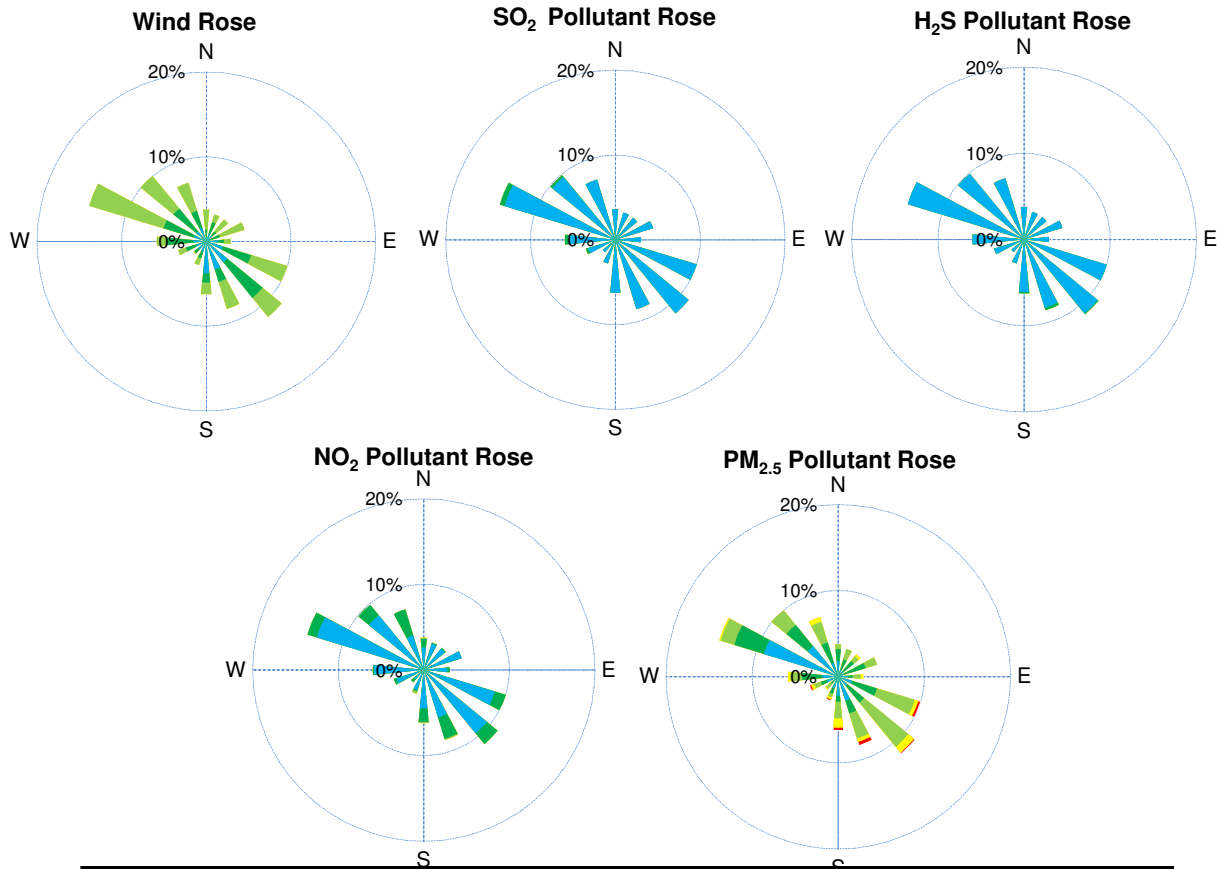
WYAMZ Maidstone Station - April 2015 Summary Report

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	0.7	100.0%	2.4	Apr-2	-	-	11.6	Apr-02 05:00	-	-
NO ₂	ppb	2.9	100.0%	5.4	Apr-9	-	-	20.5	Apr-28 05:00	212	0
NO _x	ppb	3.6	100.0%	7.2	Apr-9	-	-	27.7	Apr-30 06:00	-	-
SO ₂	ppb	0.2	100.0%	0.6	Apr-30	57	0	2.8	Apr-03 10:00	172	0
H ₂ S	ppb	0.1	100.0%	0.3	Apr-11	3.6	0	1.2	Apr-28 06:00	10.8	0
PM _{2.5}	ug/m3	4	100.0%	10	Apr-23	30	0	108	Apr-13 23:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



WYAMZ Maidstone 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.

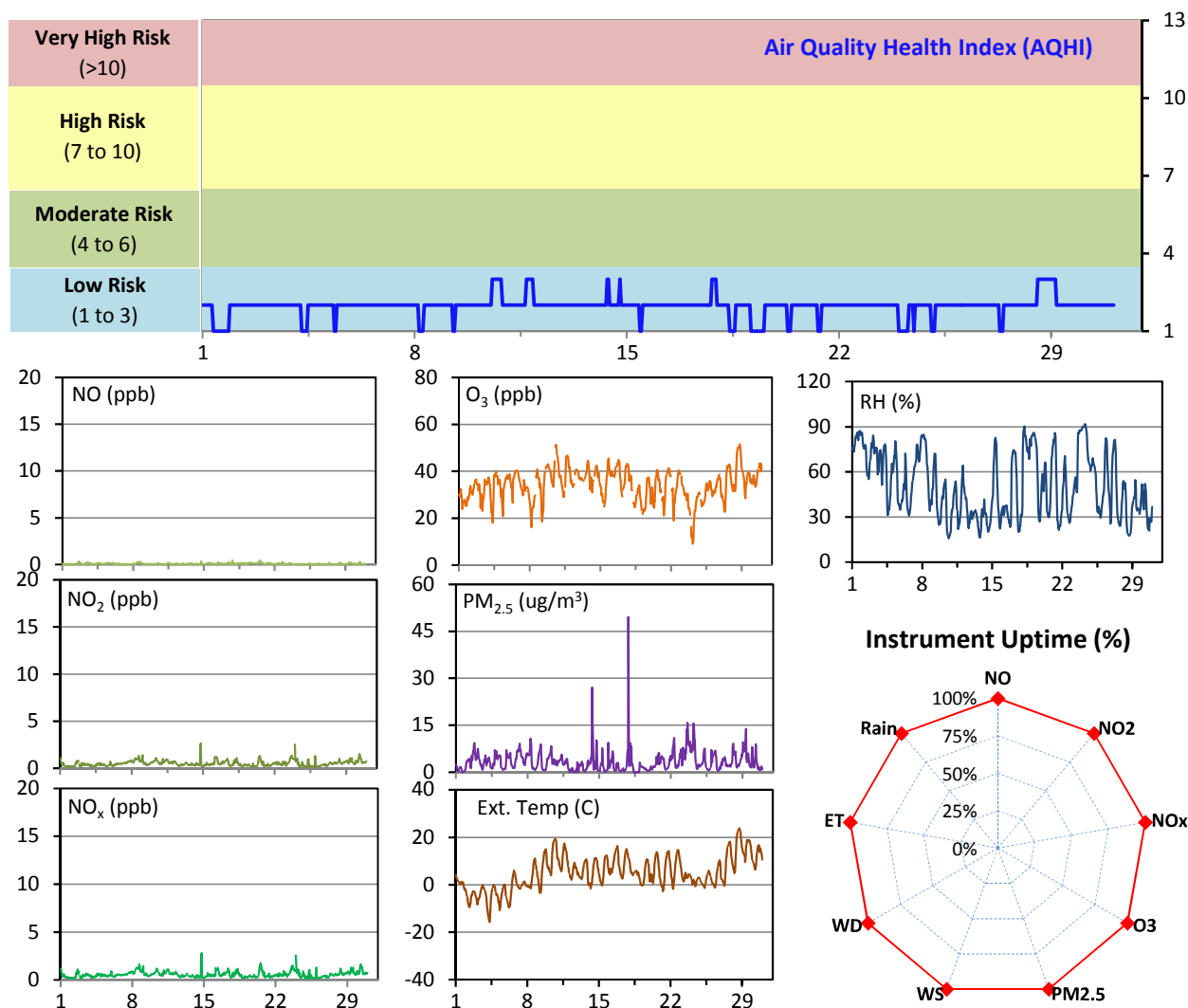
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

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

WYAMZ Meadow Lake 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	0.1	100.0%	0.2	Apr-20	-	-	0.4	Apr-17 19:00	-	-
NO ₂	ppb	0.5	100.0%	0.9	Apr-23	-	-	2.7	Apr-14 18:00	212	0
NO _x	ppb	0.6	100.0%	1.0	Apr-8	-	-	2.8	Apr-14 18:00	-	-
O ₃	ppb	34	100.0%	41	Apr-10	-	-	51	Apr-28 19:00	82	0
PM _{2.5}	ug/m3	3	100.0%	8	Apr-23	30	0	50	Apr-17 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



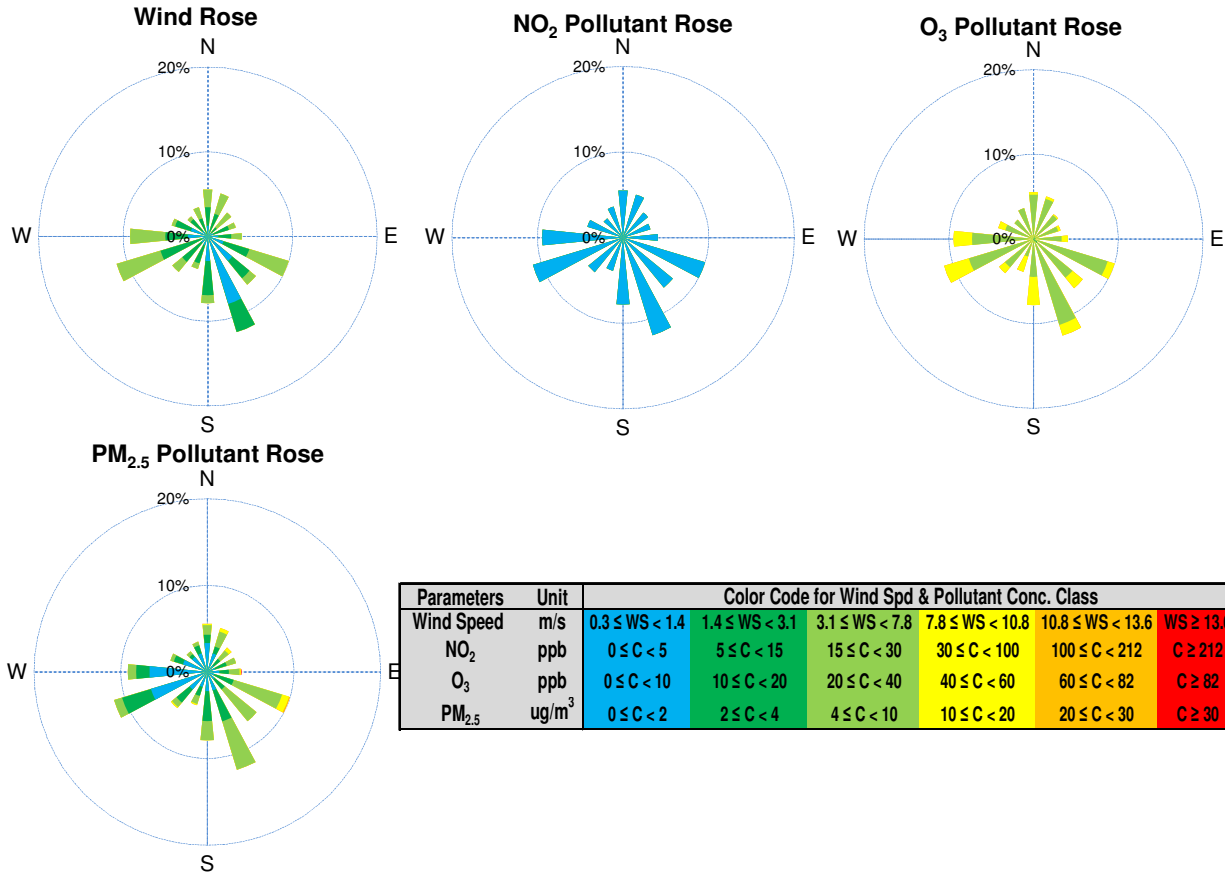
Monthly Update

*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, there are no operational issues to prevent.

WYAMZ Meadow Lake Station - April 2015 Summary Report

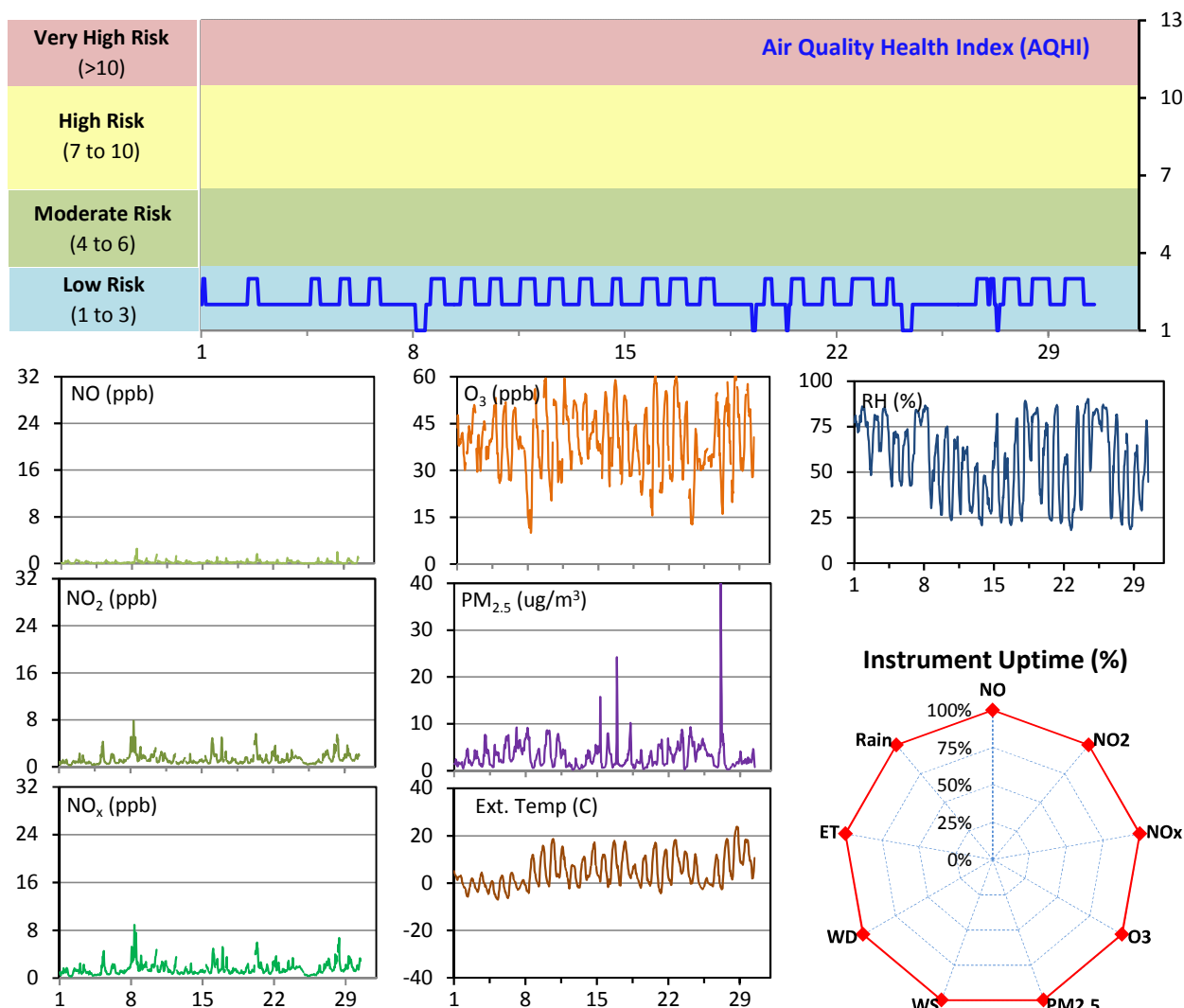


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C <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

WYAMZ Unity 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	0.2	99.9%	0.5	Apr-8	-	-	2.6	Apr-08 11:00	-	-
NO ₂	ppb	1.3	99.9%	2.9	Apr-8	-	-	7.8	Apr-08 07:00	212	0
NO _x	ppb	1.5	99.9%	3.4	Apr-8	-	-	8.9	Apr-08 07:00	-	-
O ₃	ppb	39	99.9%	45	Apr-30	-	-	61	Apr-28 15:00	82	0
PM _{2.5}	ug/m3	3	99.9%	6	Apr-7	30	0	41	Apr-27 02:00	-	-

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 are greater than 90% operational.

*One hour of data for all parameters is flagged as "power failure" on April 28 due to a power disruption.

WYAMZ Unity Station - April 2015 Summary Report

