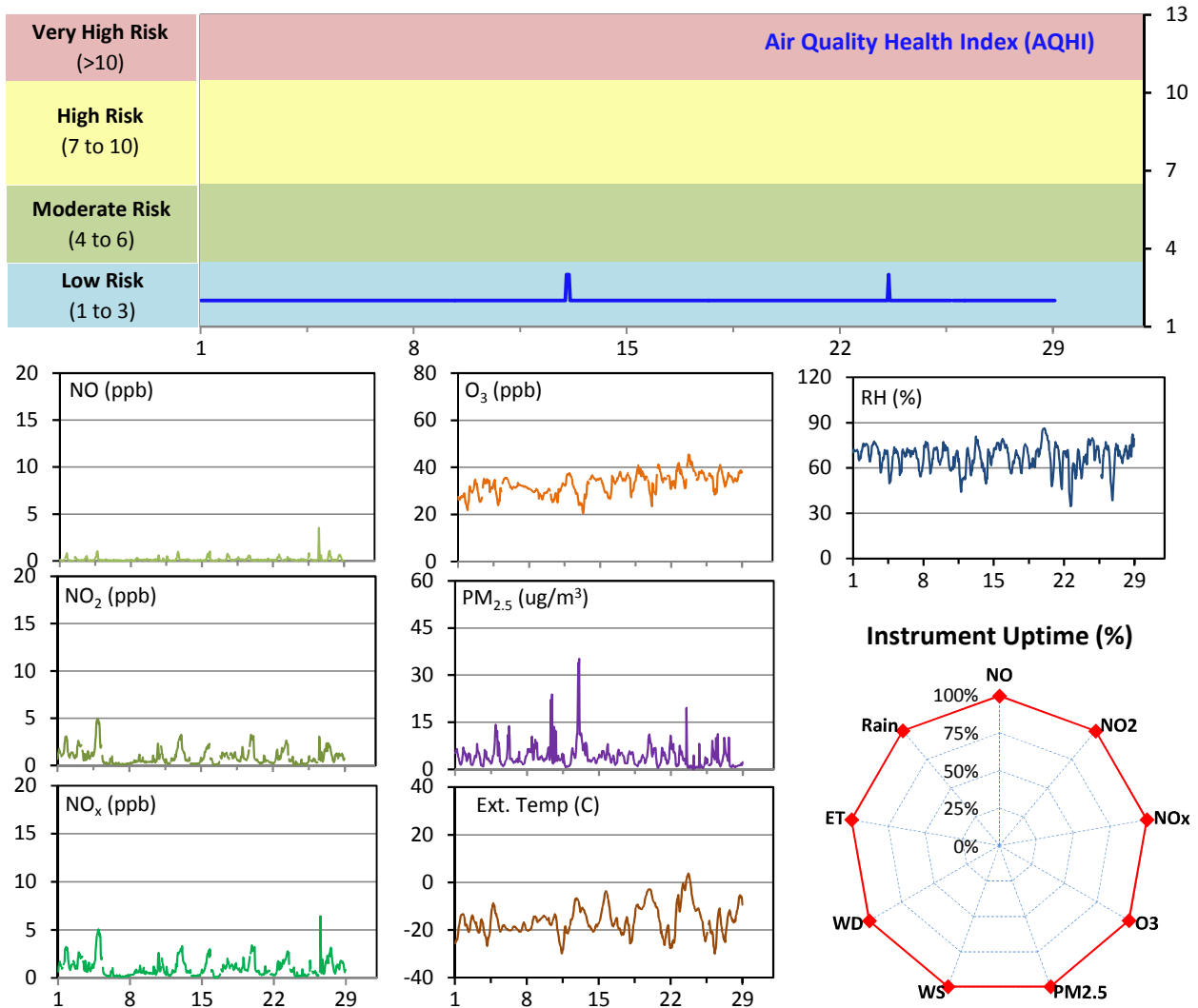


WYAMZ Meadow Lake Station - February 2015 Summary Report

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	99.5%	0.4	Feb-26	-	-	3.5	Feb-26 12:00	-	-
NO ₂	ppb	0.9	99.5%	2.2	Feb-4	-	-	5.0	Feb-04 22:00	212	0
NO _x	ppb	1.0	99.5%	2.4	Feb-4	-	-	6.4	Feb-26 12:00	-	-
O ₃	ppb	33	99.5%	38	Feb-23	-	-	45	Feb-23 17:00	82	0
PM _{2.5}	ug/m3	4	99.7%	10	Feb-13	30	0	35	Feb-13 01:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

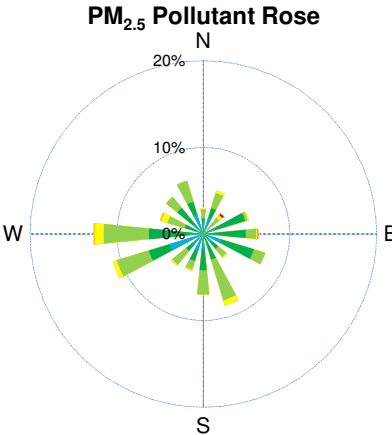
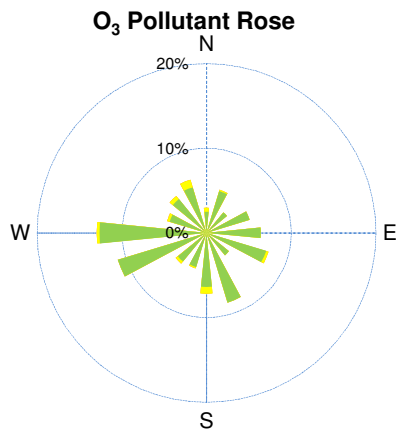
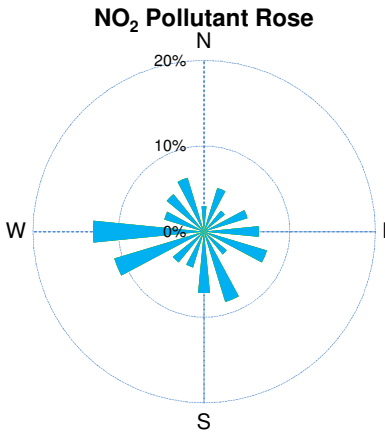
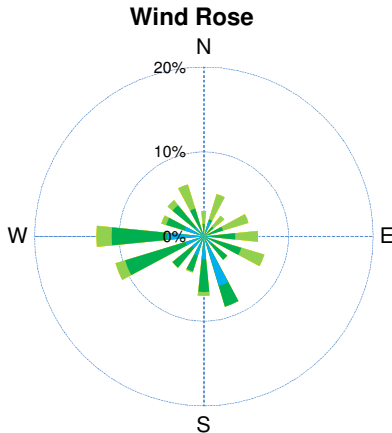


Monthly Update

- *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.
- * 3 hours of NO/NO₂/NO_x and O₃ data, and 2 hours for all other parameters, is flagged as "power failure" on Feb 25, due to a power disruption.



WYAMZ Meadow Lake Station - February 2015 Summary Report



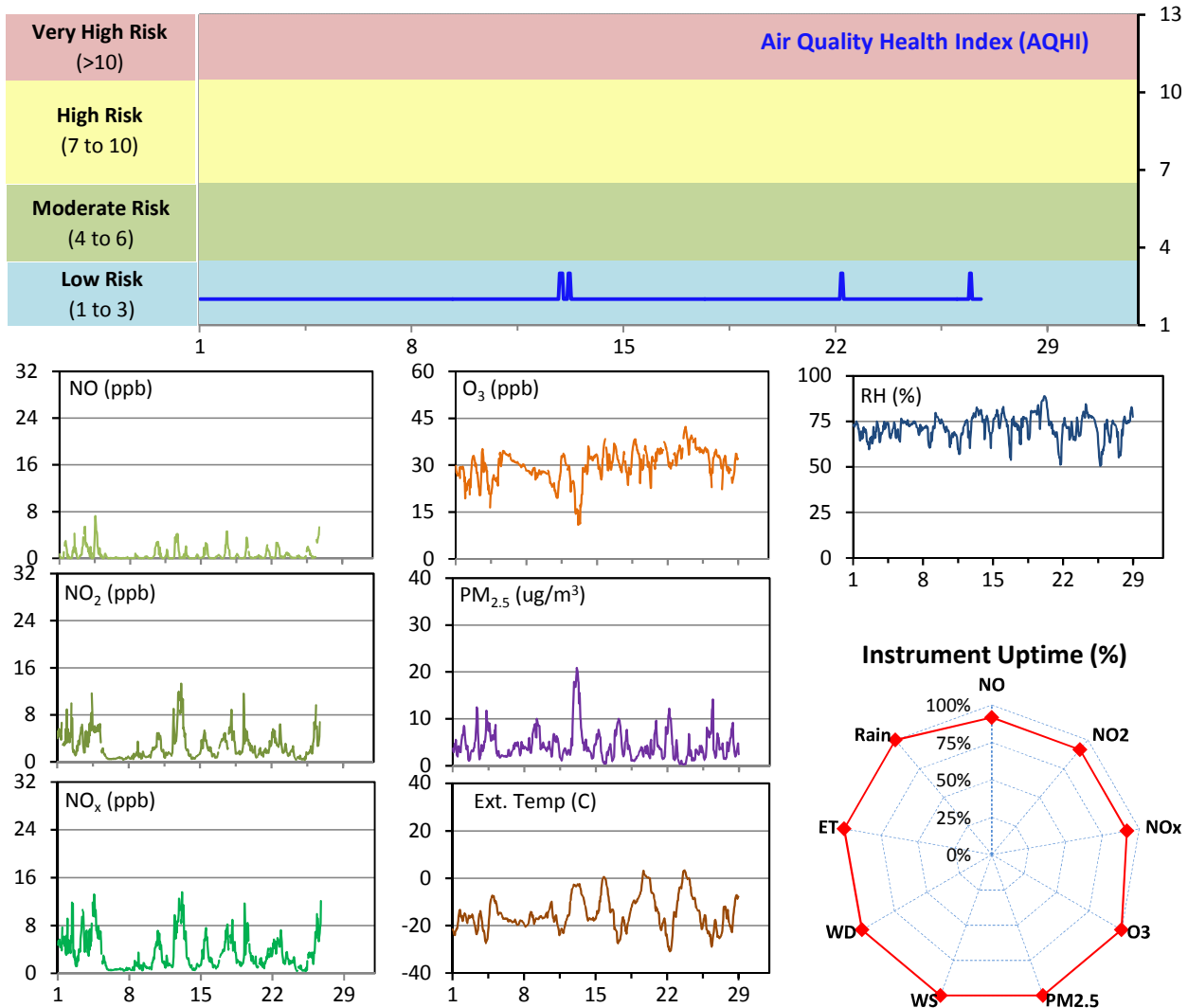
Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 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 - February 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	91.6%	2.1	Feb-4	-	-	7.3	Feb-04 13:00	-	-
NO ₂	ppb	2.7	91.6%	5.9	Feb-4	-	-	13.3	Feb-13 03:00	212	0
NO _x	ppb	3.3	91.6%	8.0	Feb-4	-	-	13.6	Feb-13 03:00	-	-
O ₃	ppb	30	100.0%	37	Feb-23	-	-	42	Feb-23 18:00	82	0
PM _{2.5}	ug/m3	4	100.0%	11	Feb-13	30	0	21	Feb-13 03:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

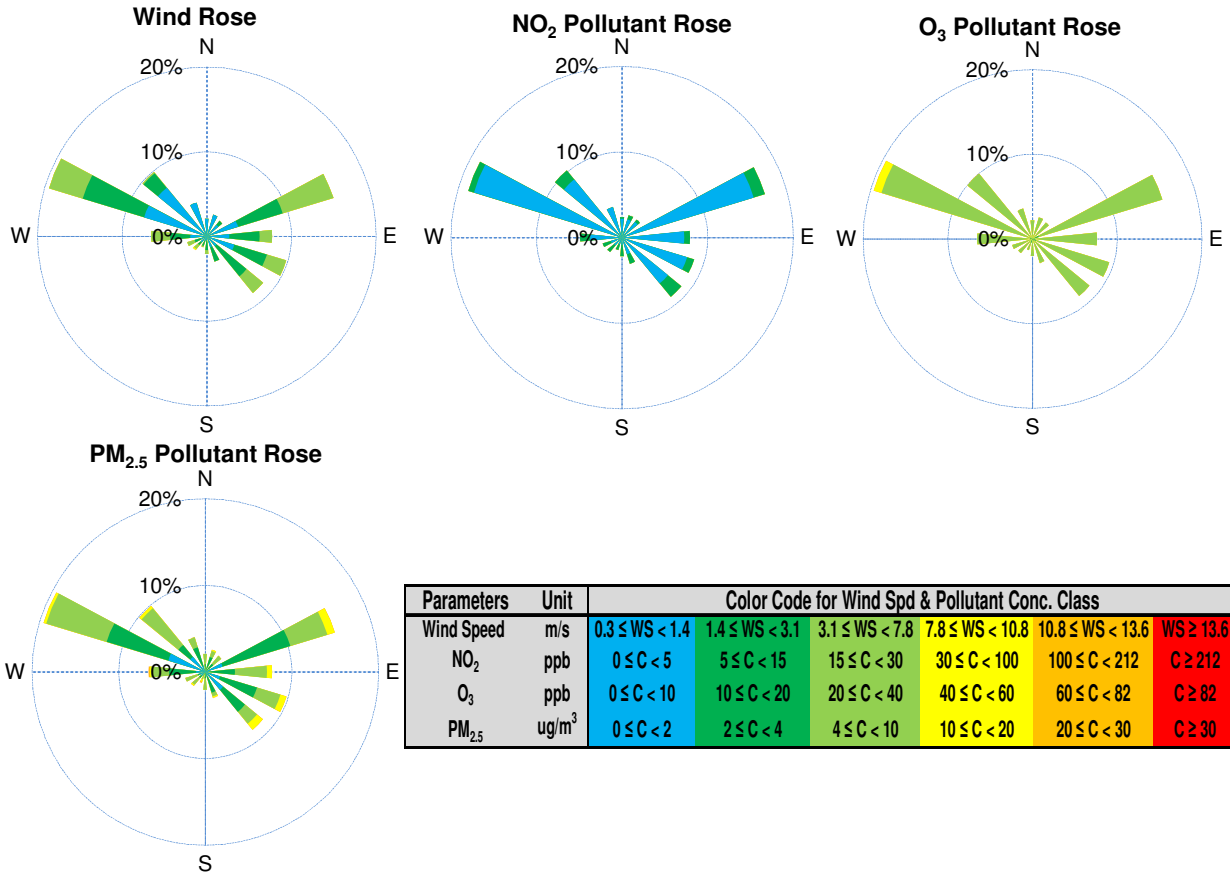


Monthly Update

- *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 above 90% operational.
- *The NO/NO₂/NO_x analyzer was malfunctioning from Feb 26 18:00 MST to March 4 17:00 MST, due to an electronics malfunction. The airpointer was reset and the analyzer returned to normal operations.



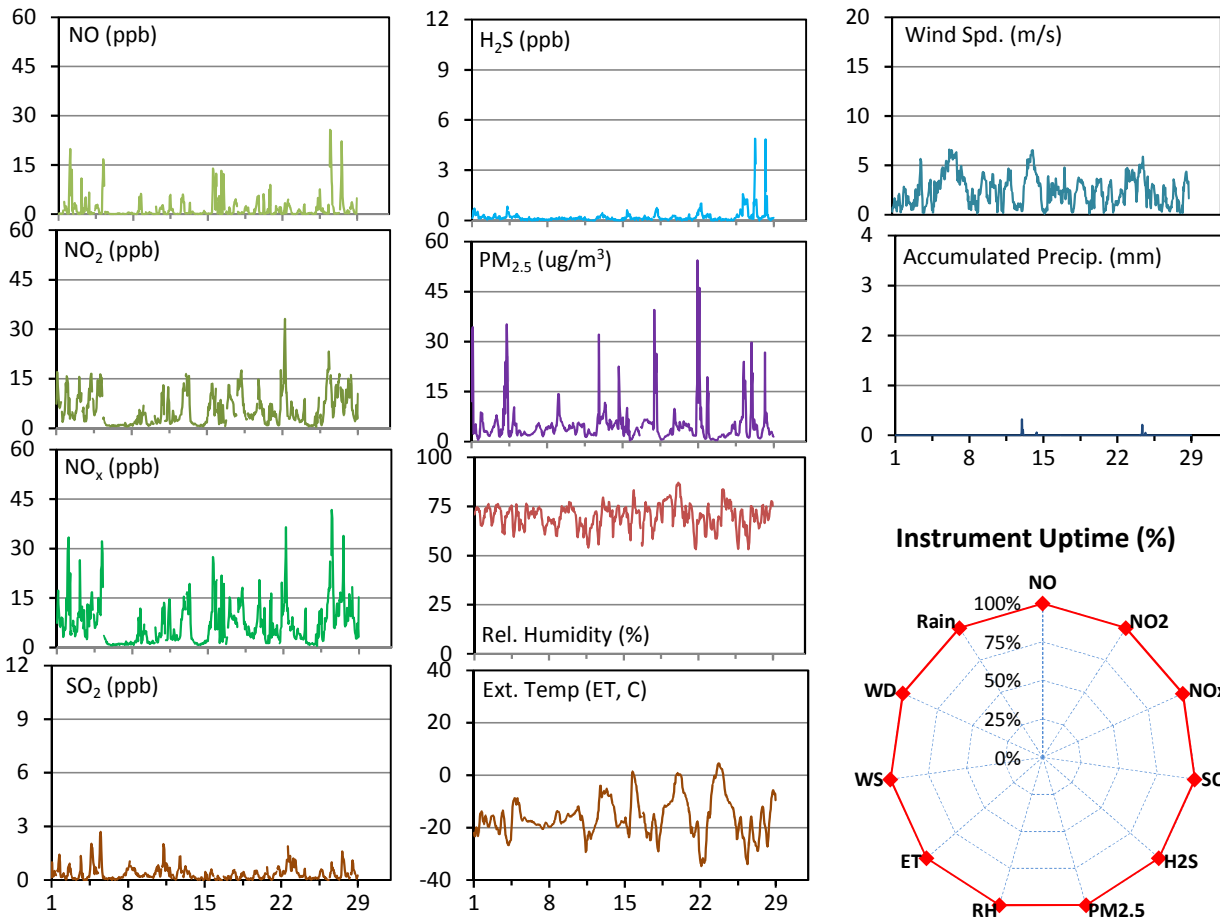
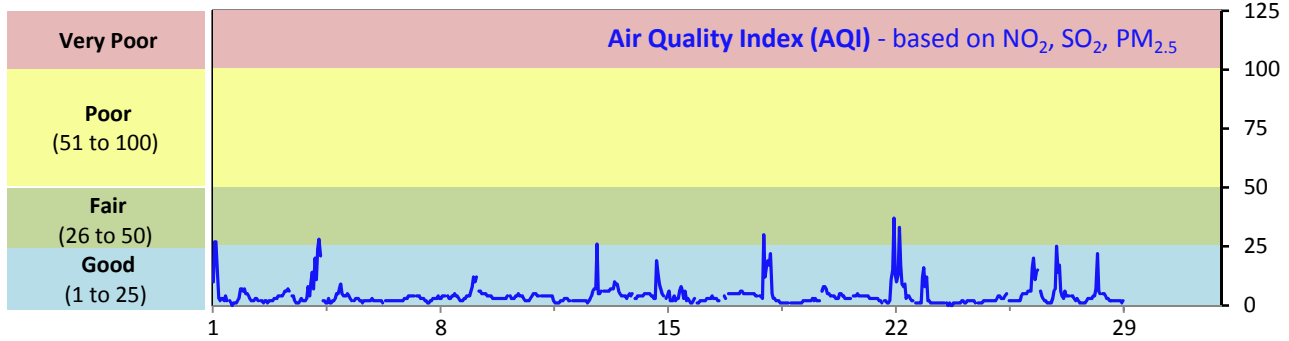
WYAMZ Unity Station - February 2015 Summary Report



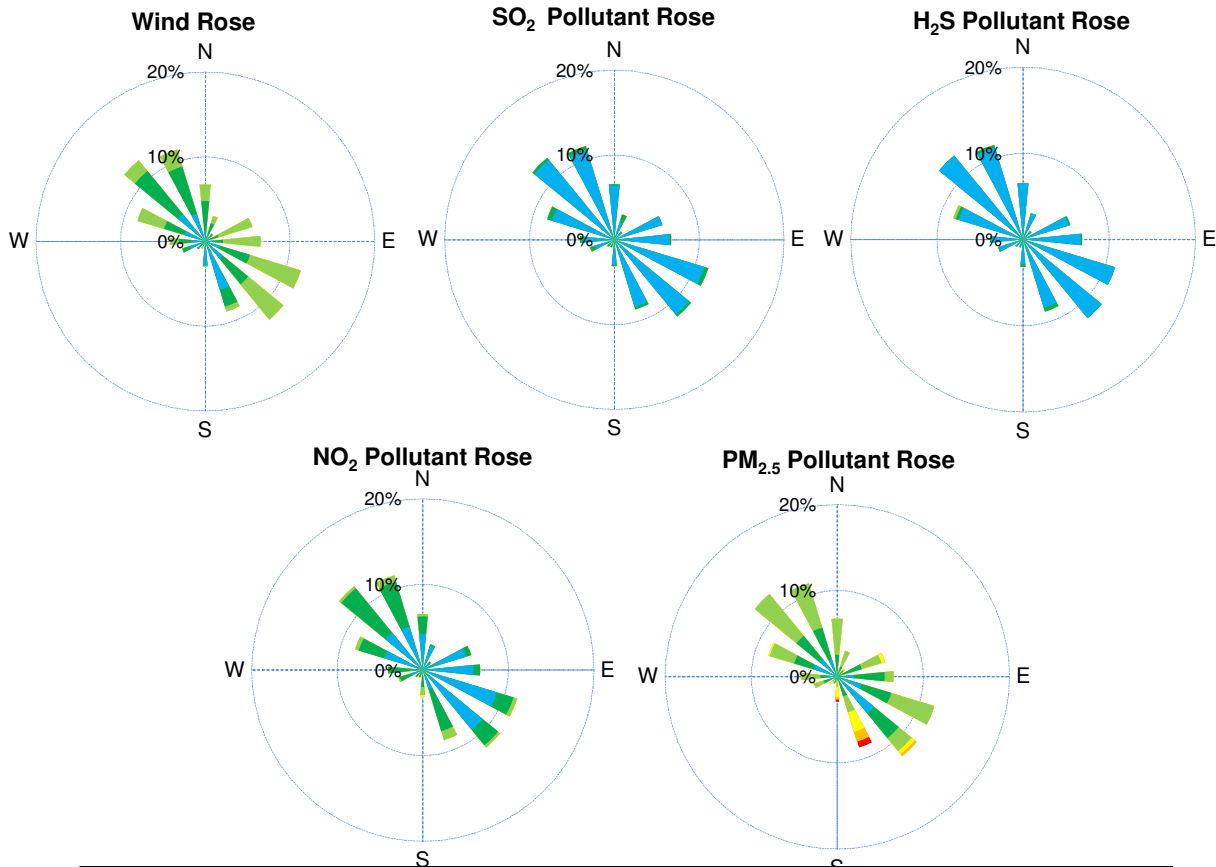
WYAMZ Maidstone Station - February 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS	Exceed Days	Maximum		SAAQS	Exceed Hours
				Conc.	Time	Objective		Conc.	Time	Objective	
NO	ppb	1.5	99.7%	5.1	Feb-26	-	-	25.7	Feb-26 11:00	-	-
NO ₂	ppb	5.6	99.7%	11.8	Feb-26	-	-	33.1	Feb-22 05:00	212	0
NO _x	ppb	7.1	99.7%	16.9	Feb-26	-	-	41.7	Feb-26 11:00	-	-
SO ₂	ppb	0.4	99.5%	0.8	Feb-11	57	0	2.7	Feb-05 11:00	172	0
H ₂ S	ppb	0.2	99.5%	0.7	Feb-27	3.6	0	4.9	Feb-27 06:00	10.8	0
PM _{2.5}	ug/m3	5	99.7%	10	Feb-4	30	0	54	Feb-21 22:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



WYAMZ Maidstone Station - February 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	
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.

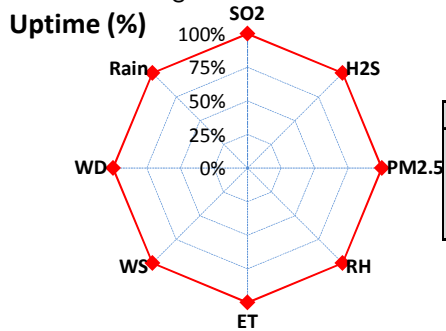
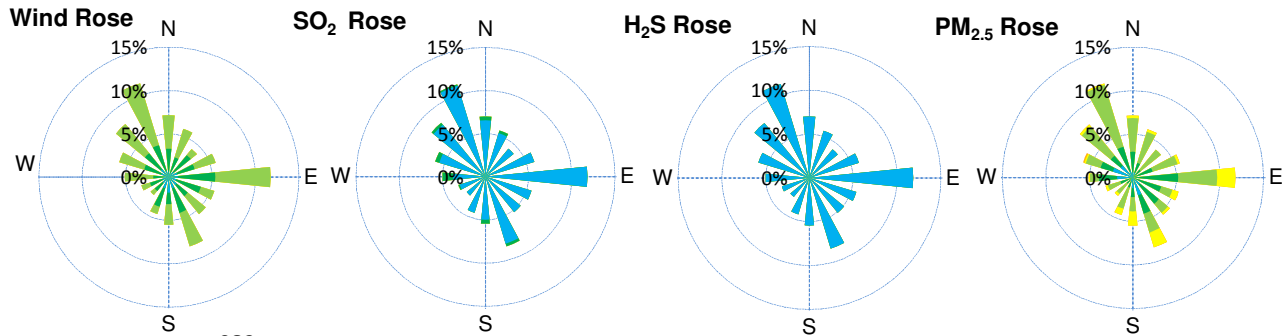
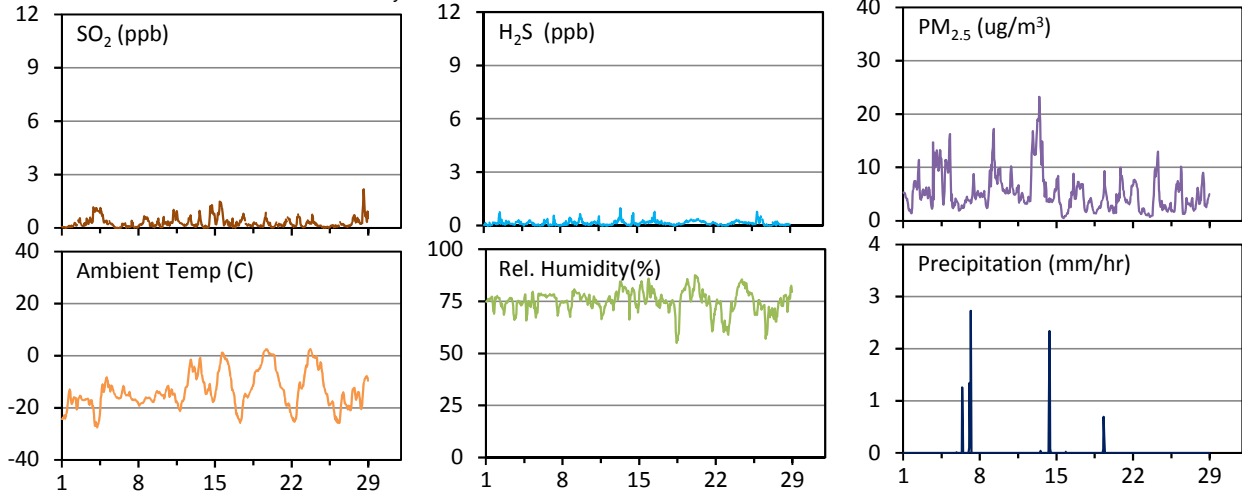
*All compliance parameters are above 90% operational.

*3 hours of SO₂ and H₂S data, and 2 hours for all other parameters, is flagged as "power failure" on Feb 16 due to a power disruption. SO₂ and H₂S were slower to recover.

WYAMZ Kindersley Station - February 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	0.3	100.0%	0.8	Feb-4	57	0	2.2	Feb-28 14:00	172	0
H ₂ S	ppb	0.1	100.0%	0.3	Feb-13	3.6	0	1.0	Feb-13 11:00	10.8	0
PM _{2.5}	ug/m ³	5	100.0%	14	Feb-13	30	0	23	Feb-13 10:00	-	-

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 no operational issues to report.

