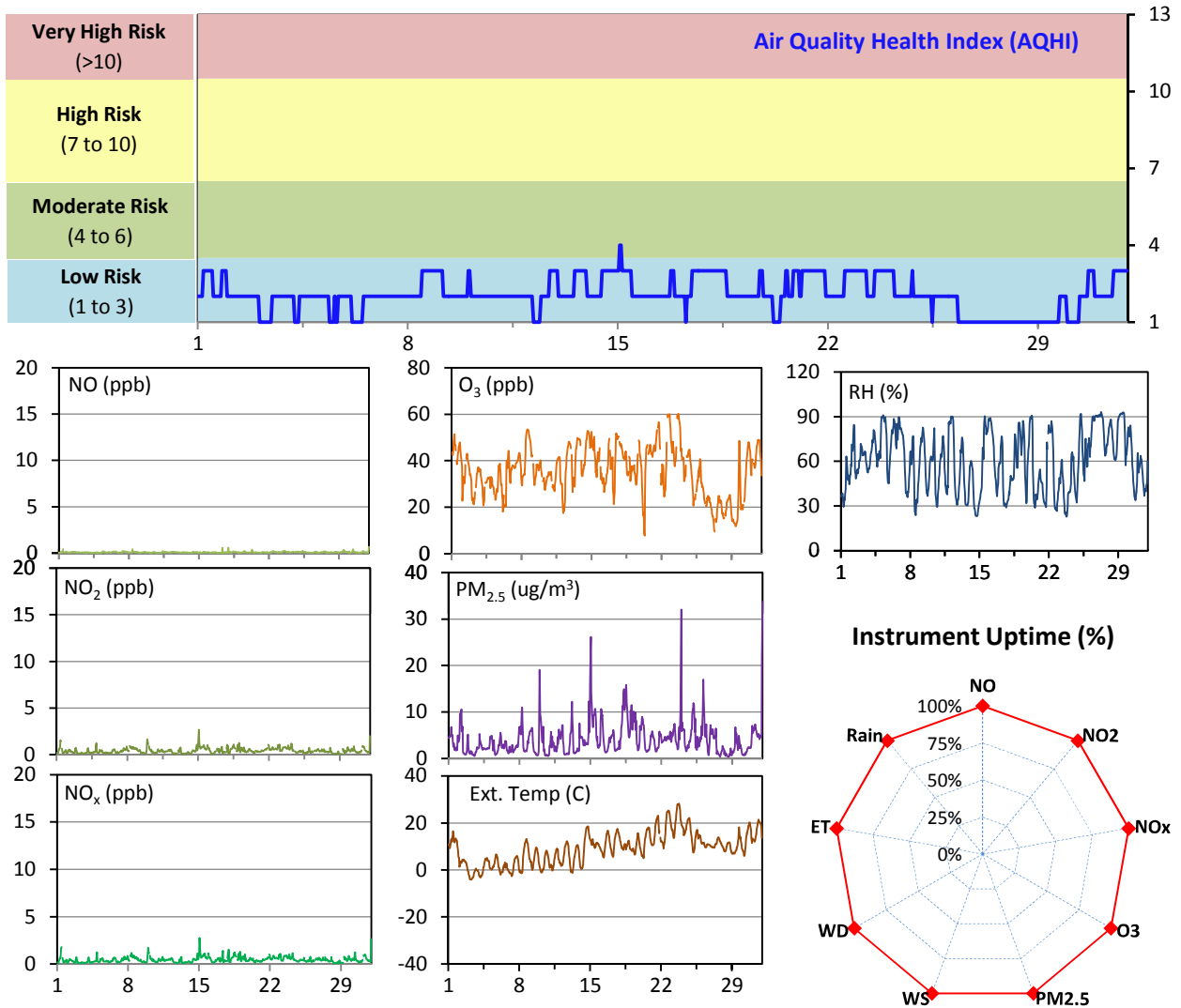


WYAMZ Meadow Lake Station - May 2014 Summary Report

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	99.9%	0.1	May-29	-	-	0.7	May-31 23:00	-	-
NO ₂	ppb	0.4	99.9%	0.9	May-15	106	0	2.7	May-15 01:00	159	0
NO _x	ppb	0.5	99.9%	1.0	May-15	-	-	2.8	May-15 01:00	-	-
O ₃	ppb	36	99.9%	49	May-23	-	-	60	May-23 16:00	82	0
PM _{2.5}	ug/m3	4	99.9%	10	May-18	30	0	34	May-31 23:00	-	-

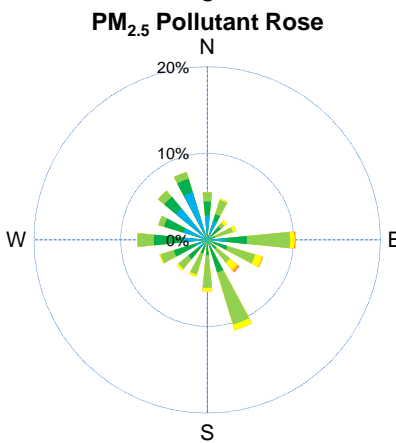
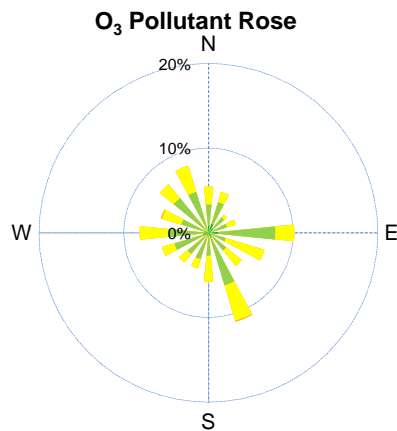
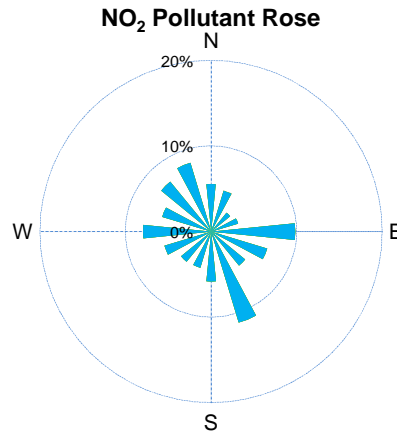
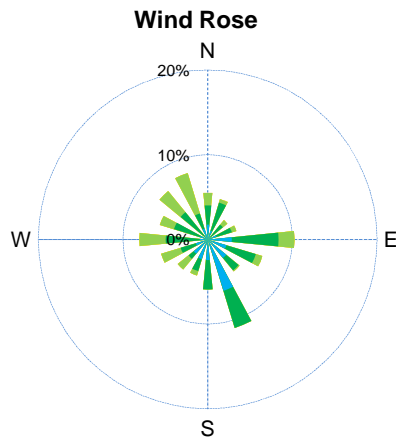
SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

- *Airpointer data is preliminary and is subject to QA/QC changes.
- *All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- *All compliance parameters were greater than 90% operational.
- *Operational issues include one hour of data for all parameters flagged as "power failure" on May 21 at 21:00, due to a power disruption.

WYAMZ Meadow Lake Station - May 2014 Summary Report

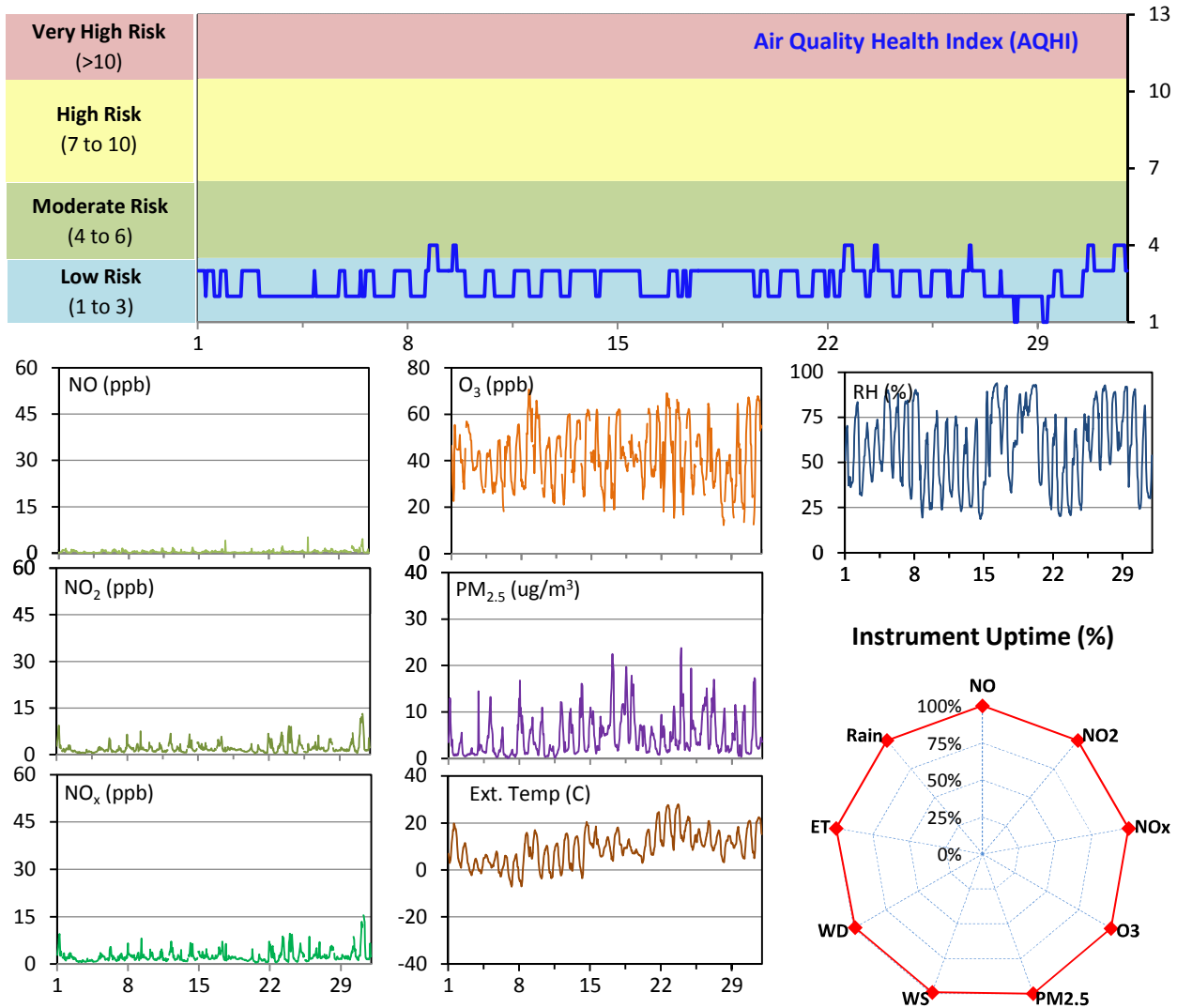


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 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 - May 2014 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
				Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
Name	Conc. Unit	Avg. Conc.	Uptime	Conc.	Time	Objective	Days	Conc.	Time	Objective	Hours
NO	ppb	0.4	100.0%	1.0	May-31	-	-	5.1	May-25 21:00	-	-
NO ₂	ppb	2.1	100.0%	5.3	May-31	106	0	13.2	May-31 06:00	159	0
NO _x	ppb	2.5	100.0%	6.2	May-31	-	-	15.5	May-31 05:00	-	-
O ₃	ppb	42	100.0%	52	May-9	-	-	71	May-08 18:00	82	0
PM _{2.5}	ug/m3	5	100.0%	10	May-18	30	0	24	May-23 23:00	-	-

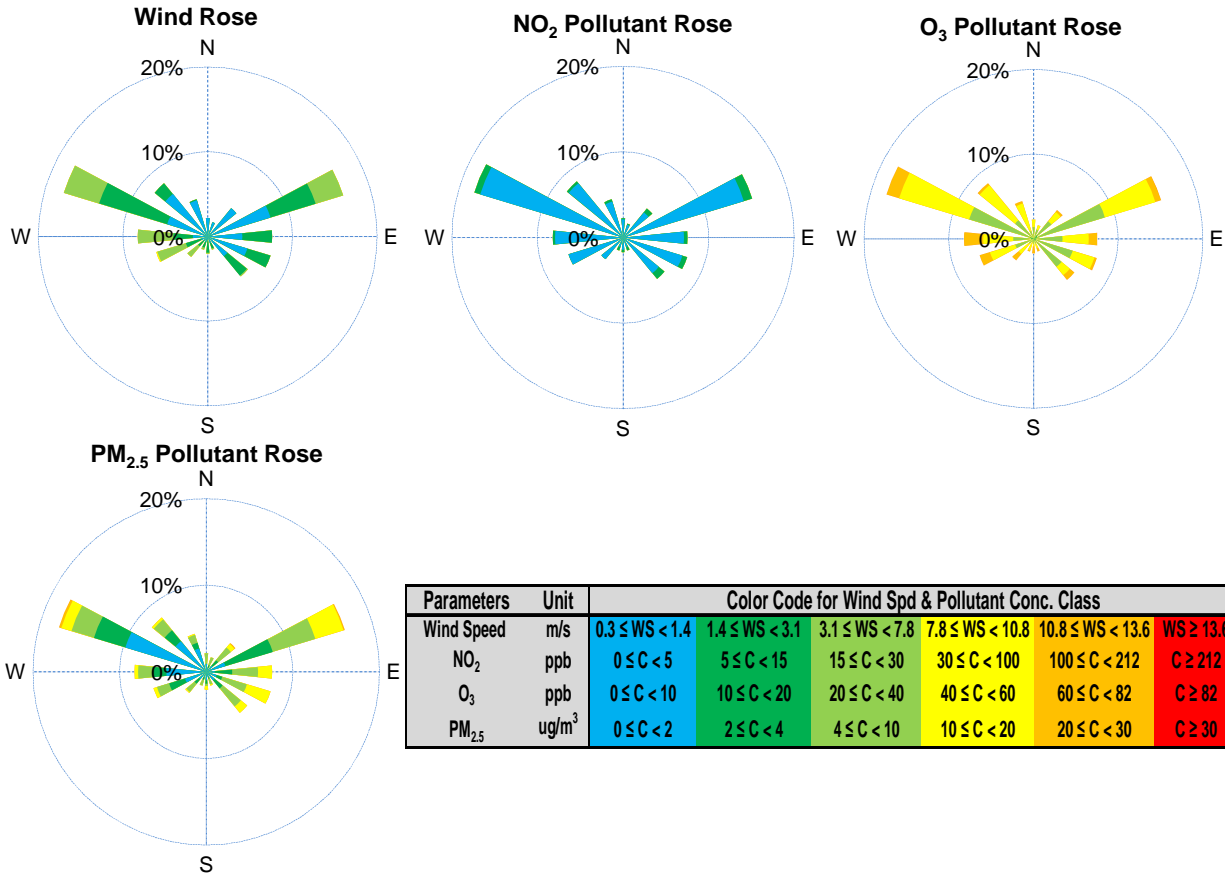
SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

- *Airpointer data is preliminary and is subject to QA/QC changes.
- *All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- *All compliance parameters are above 90% operational.
- *Operational issues include 7 hours of WS/WD data flagged as "analyzer failure" on May 21, due to a malfunctioning wind instrument.

WYAMZ Unity Station - May 2014 Summary Report

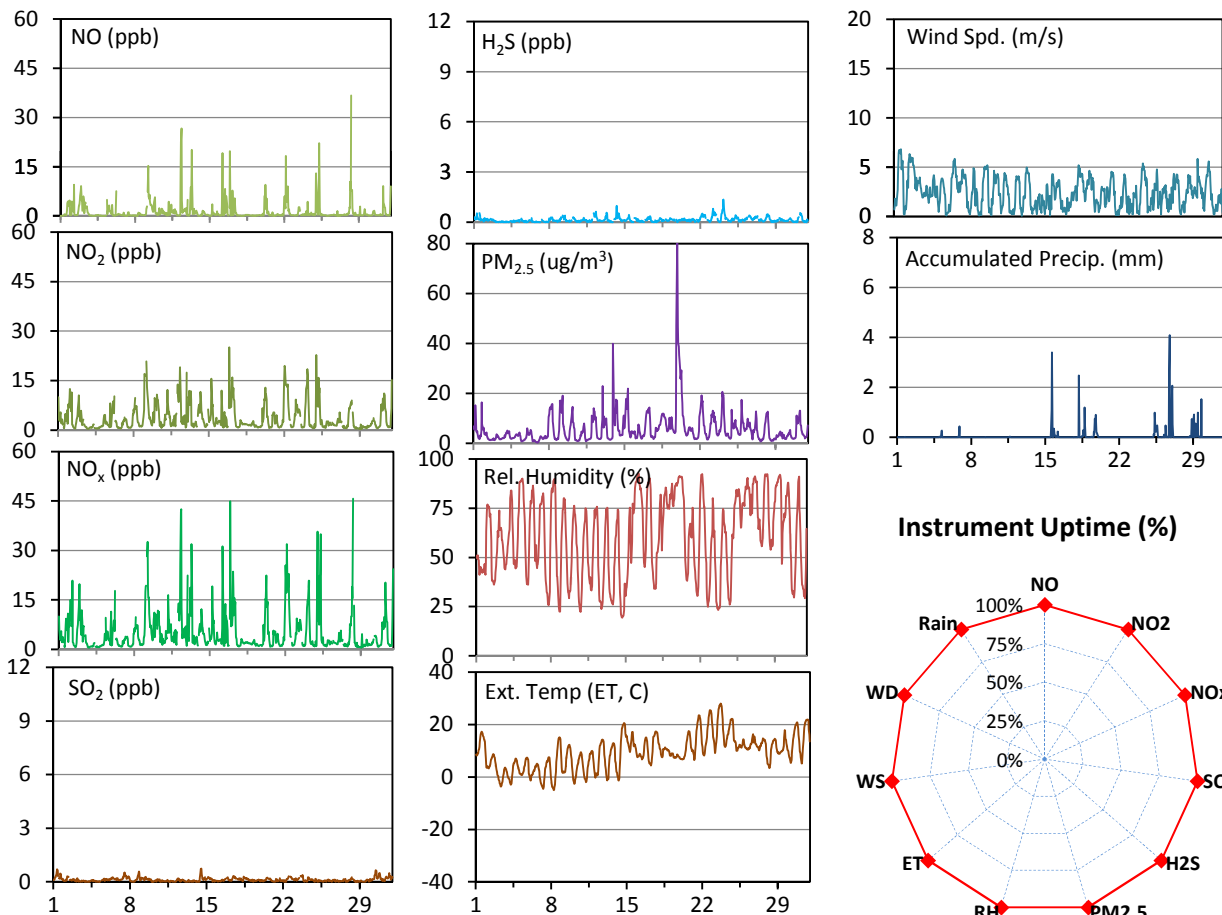
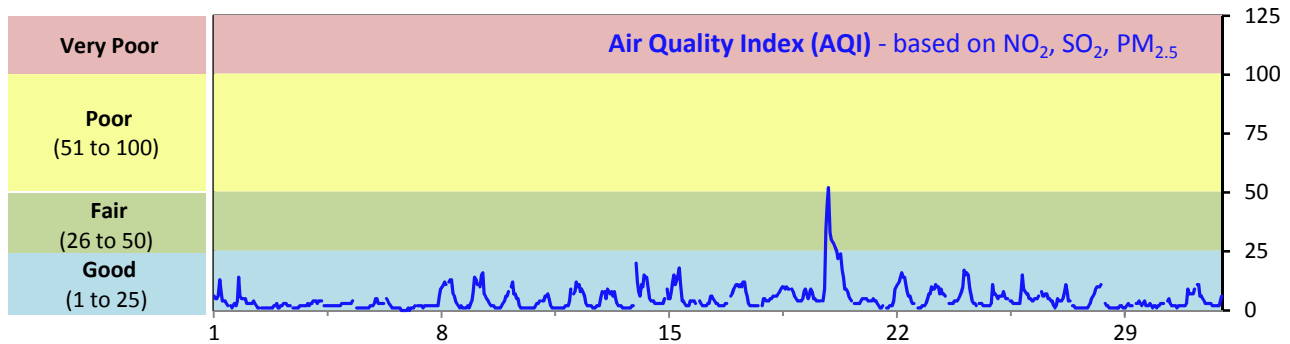


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
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	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

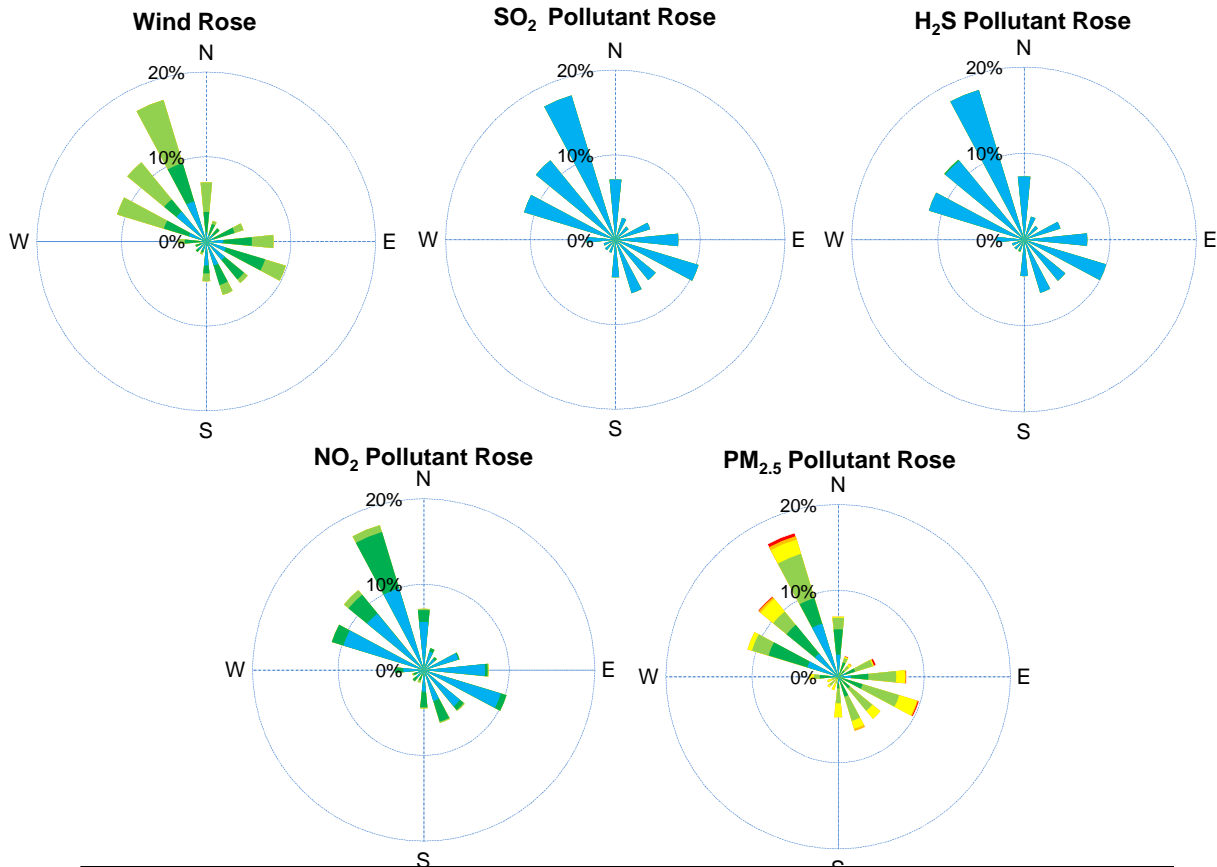
WYAMZ Maidstone Station - May 2014 Summary Report

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	1.4	100.0%	4.0	May-12	-	-	36.7	May-28 06:00	-	-
NO ₂	ppb	3.7	100.0%	7.8	May-9	106	0	25.1	May-16 21:00	159	0
NO _x	ppb	5.1	100.0%	11.5	May-9	-	-	45.7	May-28 06:00	-	-
SO ₂	ppb	0.1	100.0%	0.3	May-30	48	0	0.7	May-14 12:00	172	0
H ₂ S	ppb	0.1	100.0%	0.4	May-24	3.6	0	1.4	May-24 03:00	10.8	0
PM _{2.5}	ug/m3	6	100.0%	17	May-19	30	0	84	May-19 21:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



WYAMZ Maidstone Station - May 2014 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

- *Airpointer data is preliminary and subject to QA/QC changes.
- *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.

