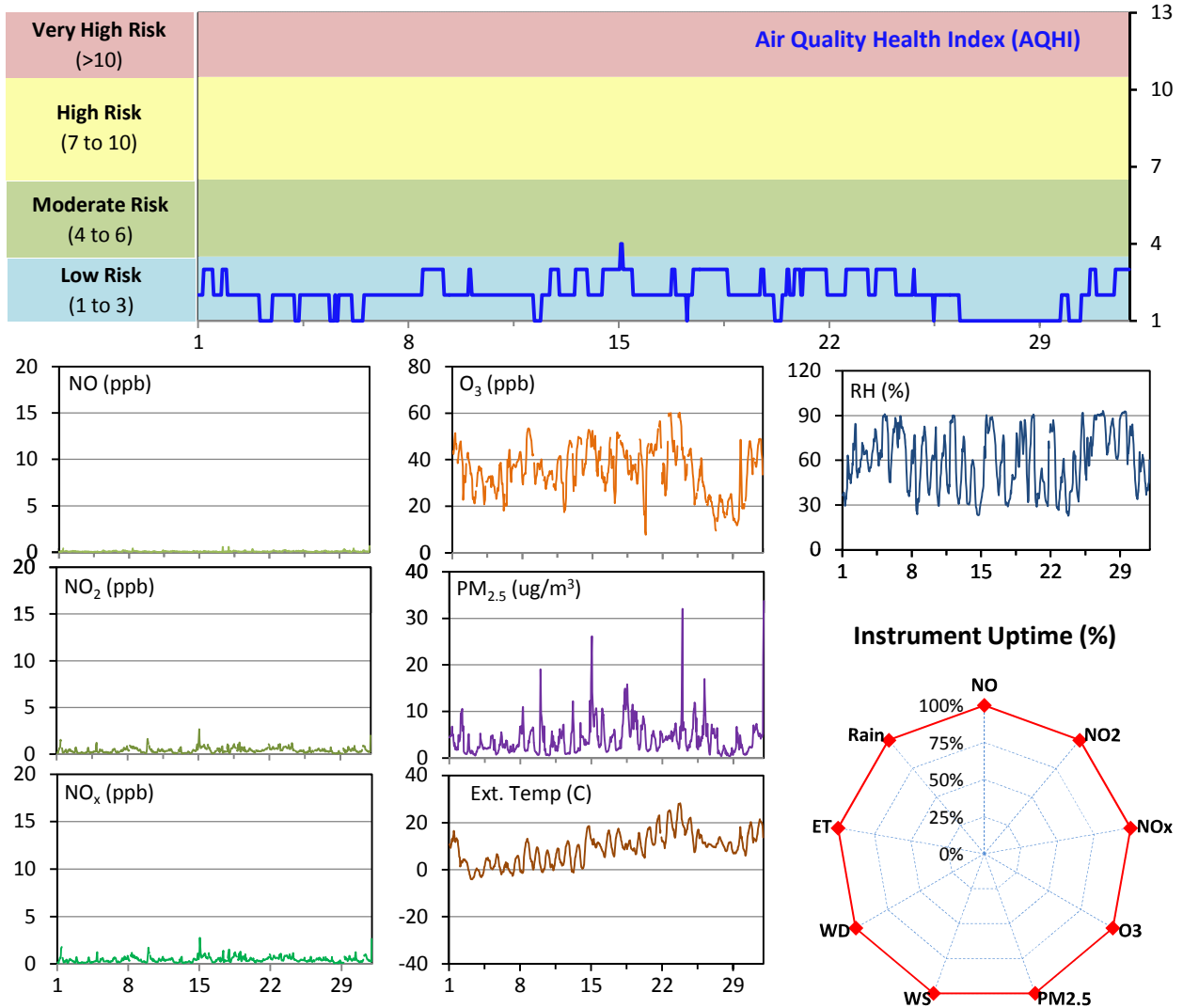


WYAMZ Meadow Lake Station - May 2014 Summary Report

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	-	-

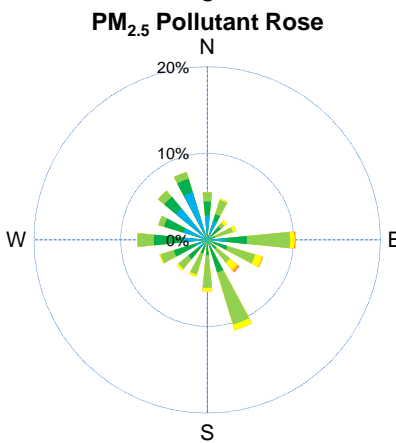
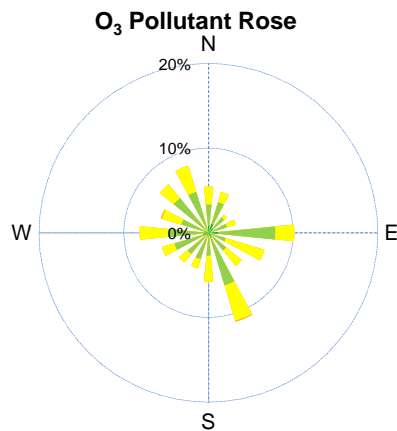
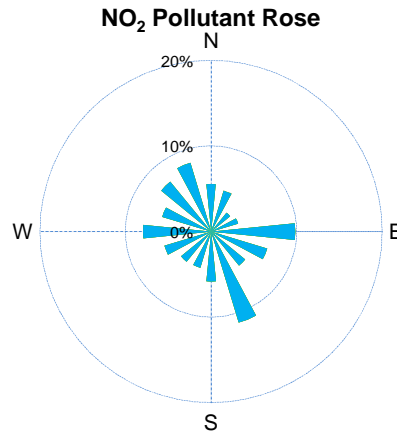
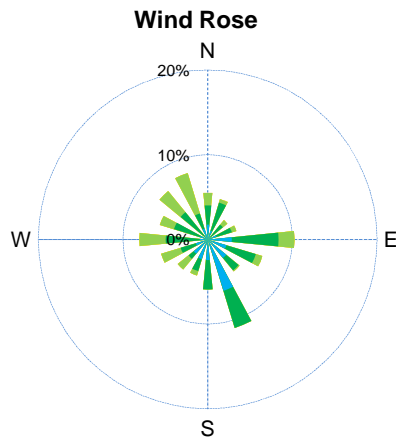
SAAQS: Saskatchewan Ambient Air Quality Standards



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

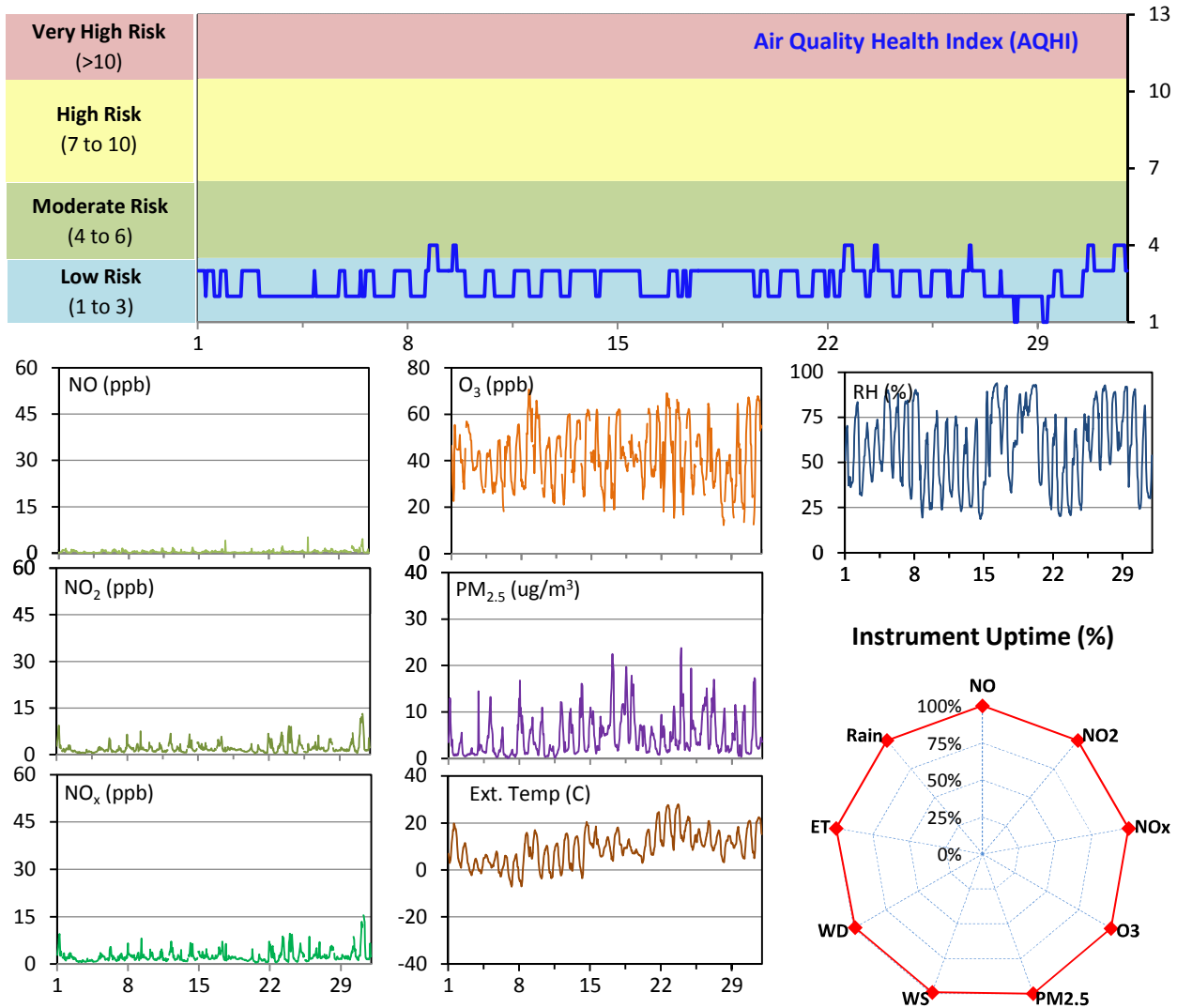


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 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			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
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	-	-

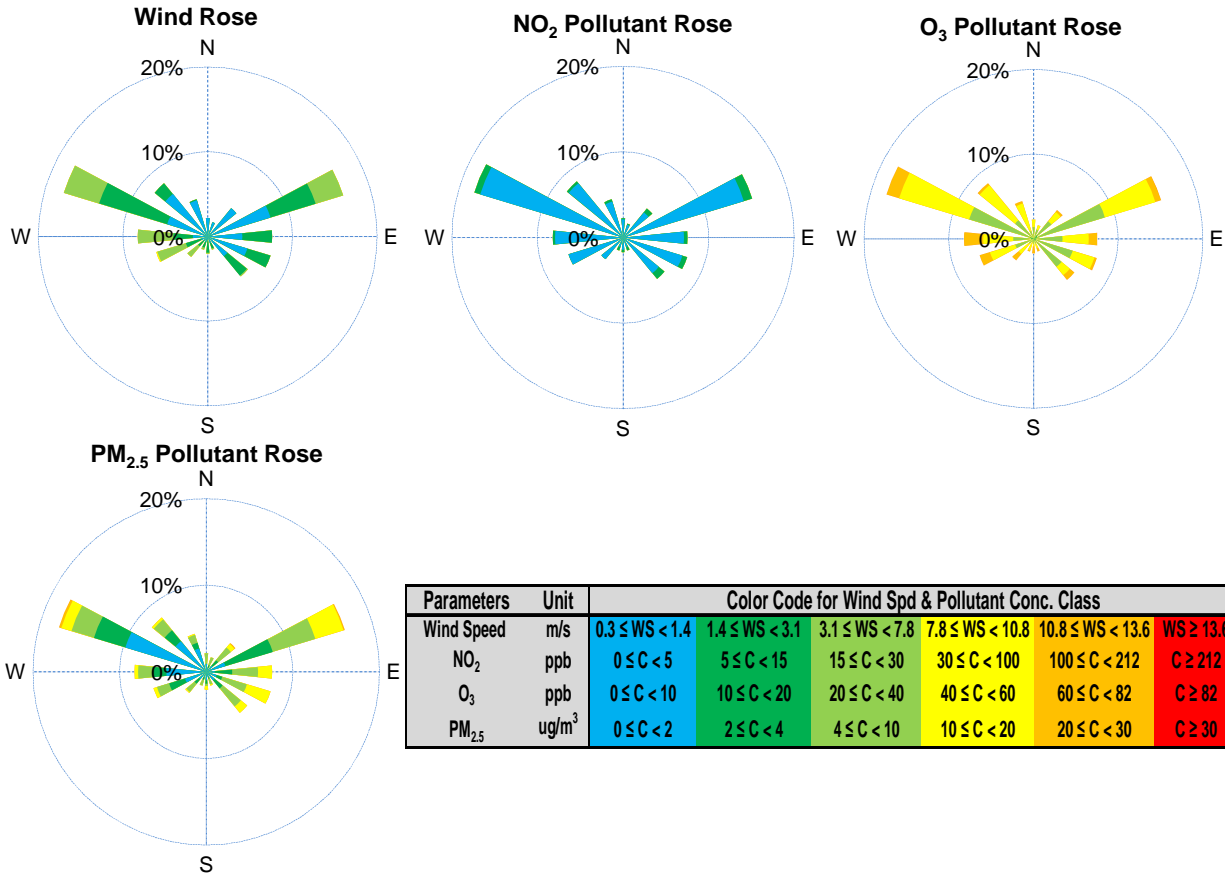
SAAQS: Saskatchewan Ambient Air Quality Standards



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

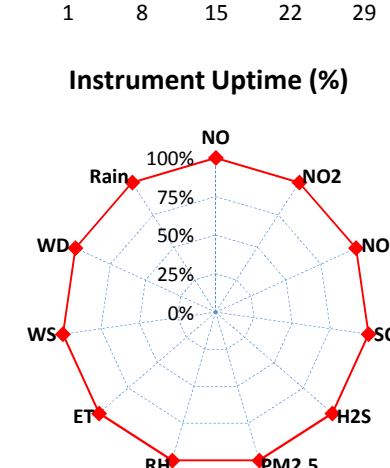
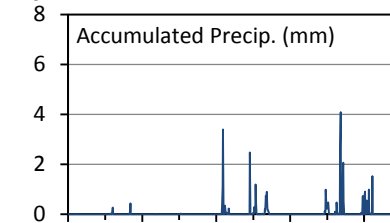
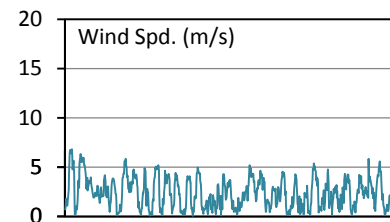
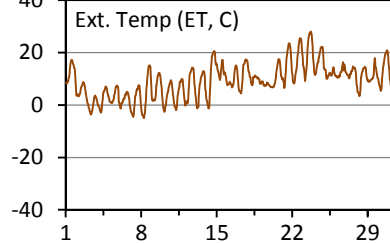
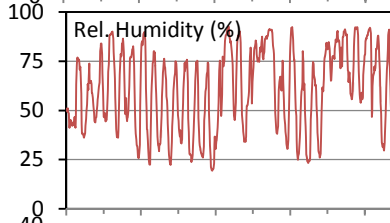
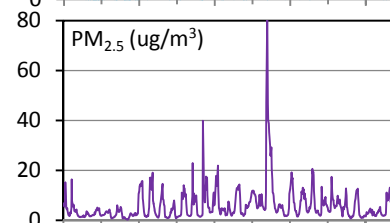
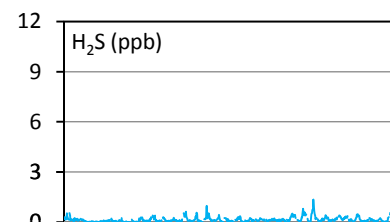
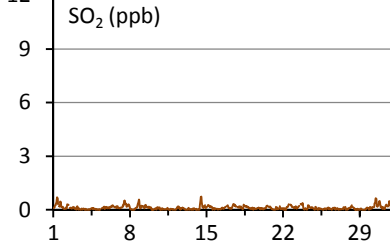
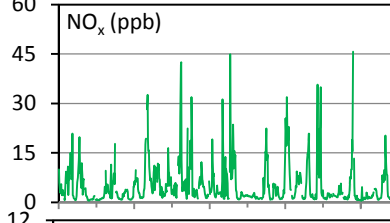
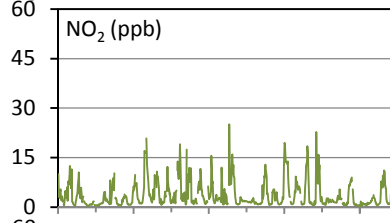
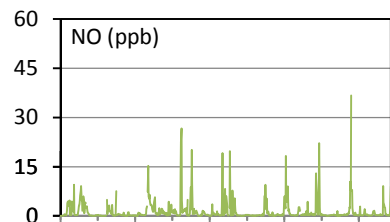
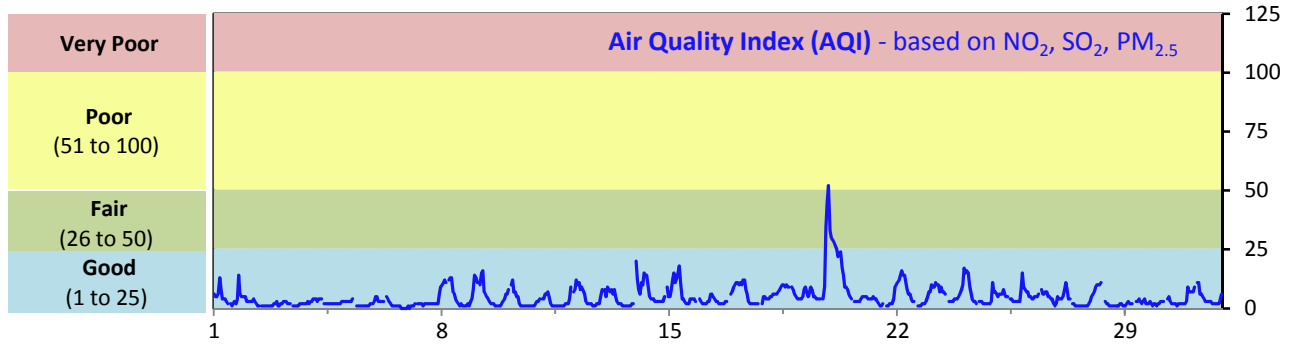


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C <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

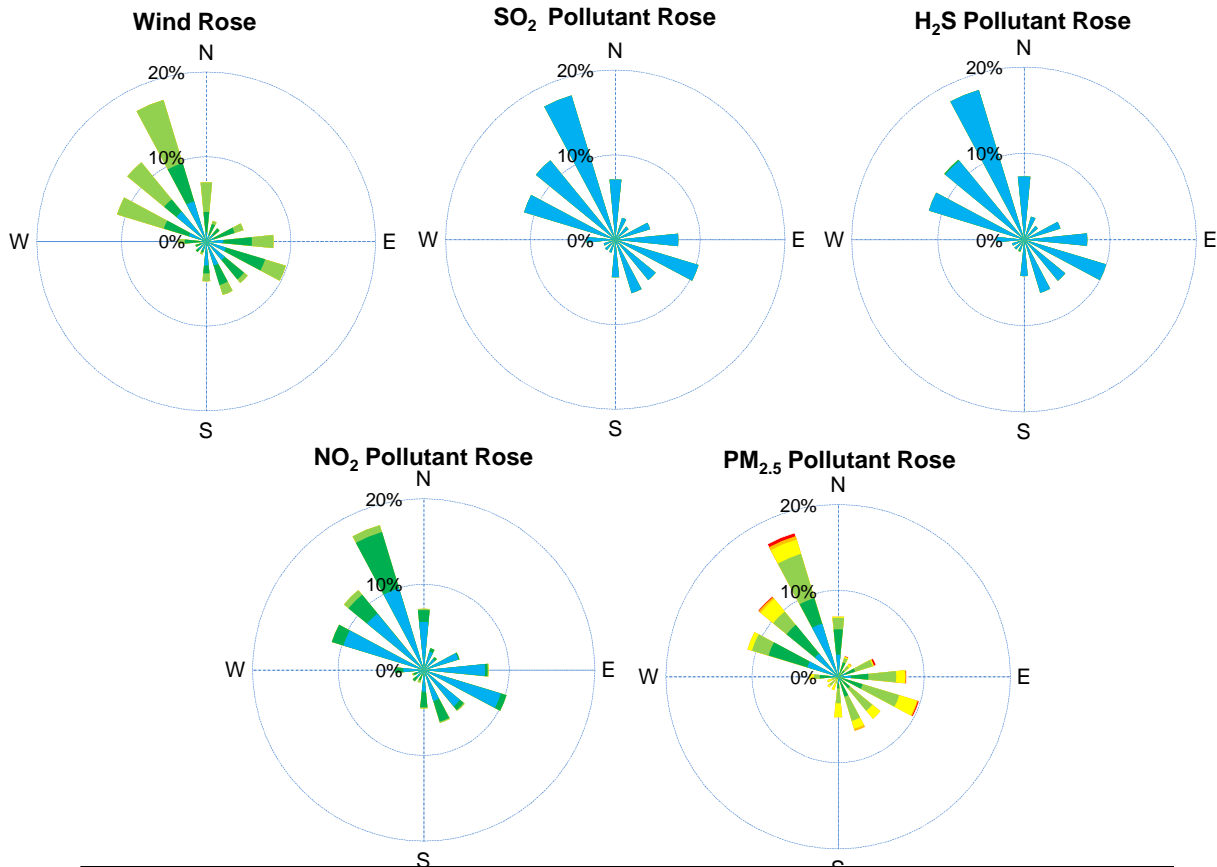
WYAMZ Maidstone Station - May 2014 Summary Report

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.

