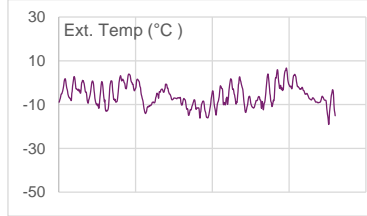
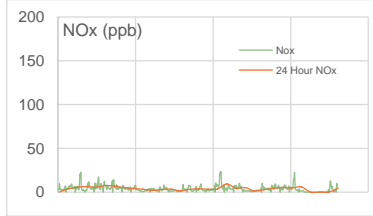
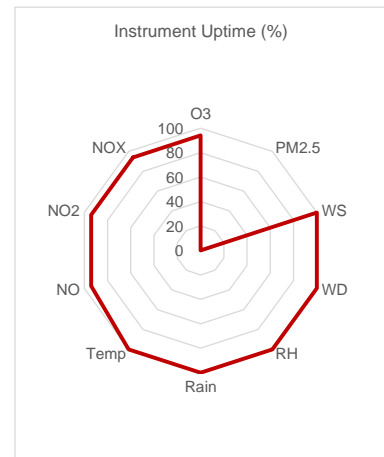
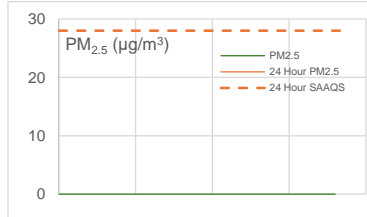
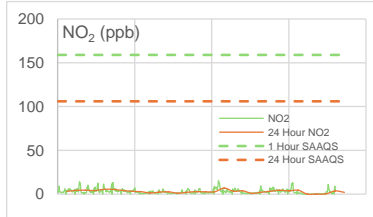
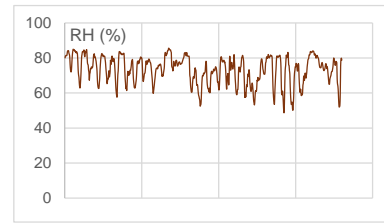
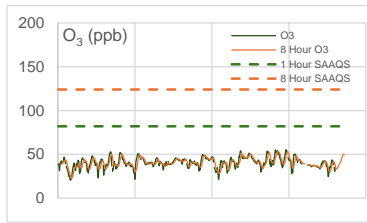
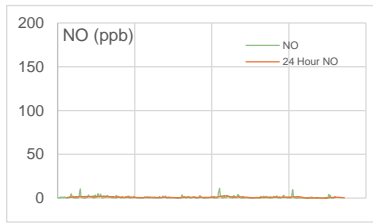
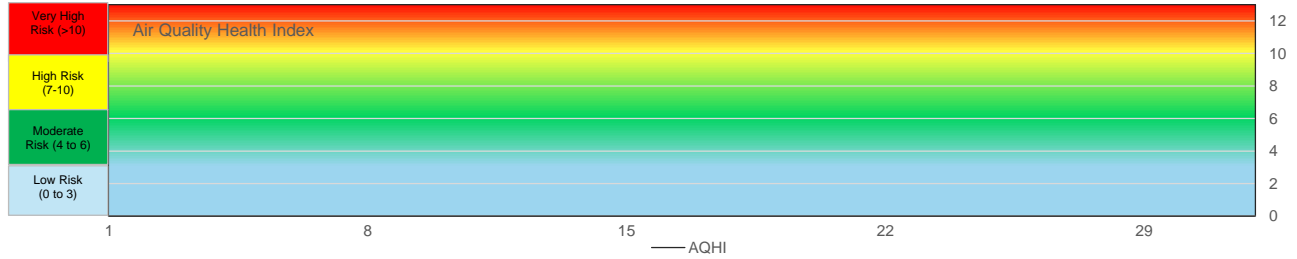


WYAMZ Clavet Station - March 2025 Summary Report

Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	1	94.1%	2.46	18-Mar	-	-	11.2	3/18/2025 12:00 PM	-	-
NO ₂	ppb	3.1	94.1%	6.93	18-Mar	106	0	15.3	3/18/2025 9:00 AM	159	0
NO _x	ppb	4.1	94.1%	9.38	18-Mar	-	-	23.6	3/18/2025 12:00 PM	-	-
O ₃	ppb	40.4	94.1%	53.23	24-Mar	124 (8 hours)	0	55.2	3/25/2025 4:00 PM	82	0
PM _{2.5}	µg/m ³	No Data	0.0%	0.00	-	28	0	No Data	-	-	-

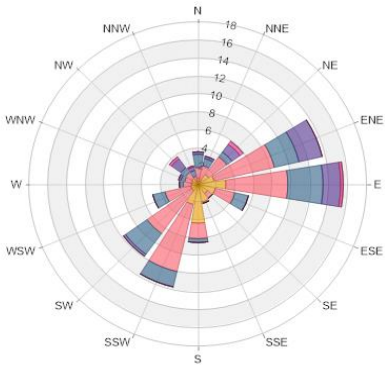
SAAQS: Saskatchewan Ambient Air Quality Standards



Exceedance Summary

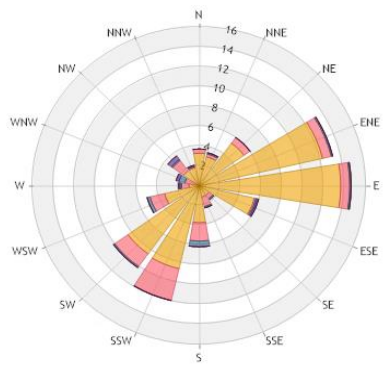
24-hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	Precip.	NO	NO ₂	NO _x	O ₃	PM _{2.5}

WYAMZ Clavet Station - March 2025 Summary Report



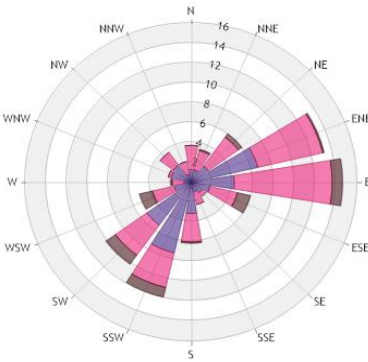
Icon Classes (m/s) 0.5-1.2 1.2-2.4 2.4-3.6 3.6-4.8 4.8-6.0 >6.0

Wind Rose



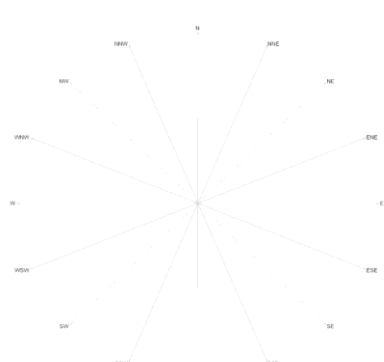
Icon Classes (ppb) 0-4 4-8 8-12 12-16 16-20 >20.0

Pollution Rose NO₂



Icon Classes (ppb) 0-10 10-20 20-30 30-40 40-50 >50.0

Pollution Rose O₃



Pollution Rose PM_{2.5}

Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class						
Wind Speed	m/s	0.5 - 1.2	1.2 - 2.4	2.4 - 3.6	3.6 - 4.8	4.8 - 6.0	> 6.0	
NO ₂	ppb	0.0-C-4.0	4.0-C-8.0	8.0-C-12.0	12.0-C-16.0	16.0-C-20.0	> 20	
O ₃	ppb	0.0-C-10.0	10.0-C-20.0	20.0-C-30.0	30.0-C-40.0	40.0-C-50.0	> 50	
PM _{2.5}	µg/m ³	N/A	N/A	N/A	N/A	N/A	N/A	

Monthly Update

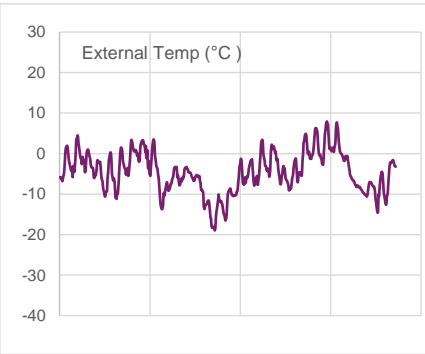
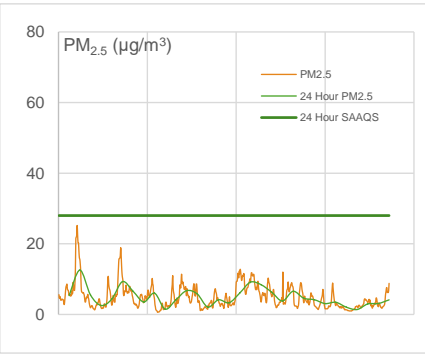
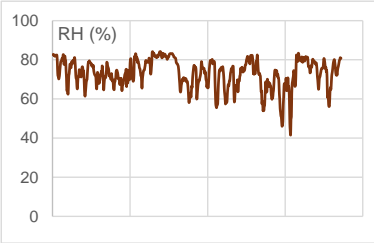
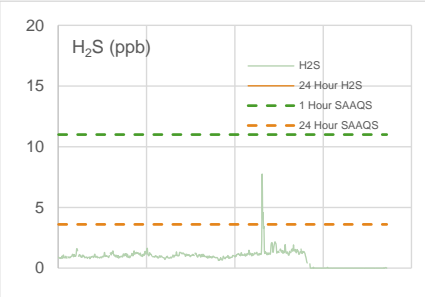
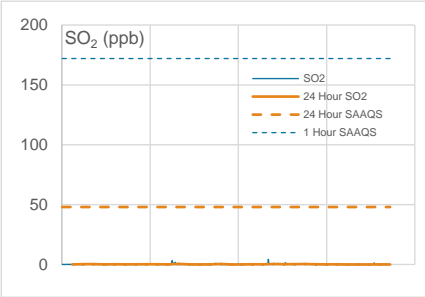
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All parameters were more than 90% operational for the month, except PM_{2.5}.
- * The PM_{2.5} monitor was removed on October 24, 2024, for repairs, resulting in no data availability for the remainder of the months.
- * One hour of data were flagged for all gas analyzers due to daily IZS checks, resulting in the loss of one hour of data each day.
- * Quarterly calibrations were completed on March 27, 2025.



WYAMZ Kerrobert Station - March 2025 Summary Report

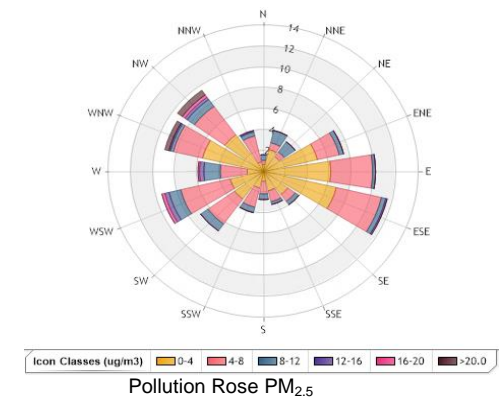
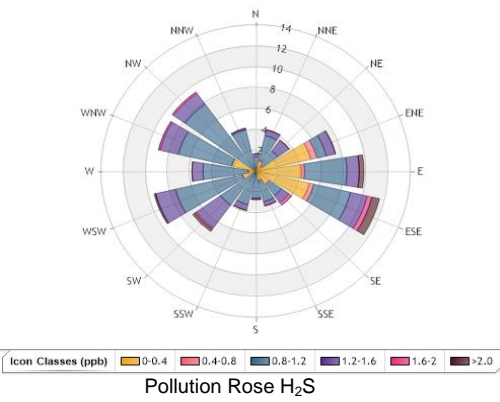
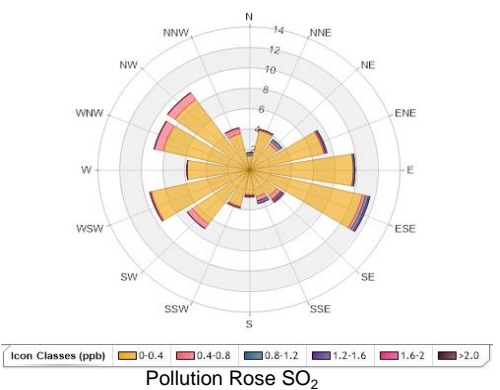
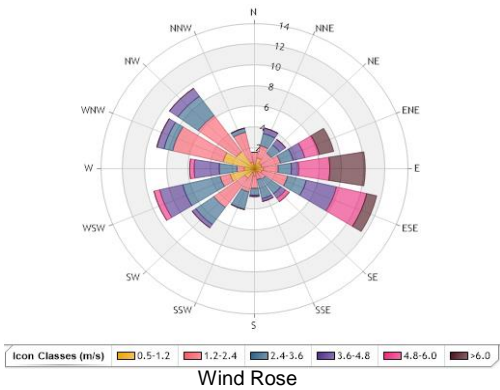
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQs Objective	Exceed Days	Maximum		SAAQs Objective	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0.1	95.2%	0.4	11-Mar	48	0	4.3	3/20/2025 12:00 PM	172	0
H ₂ S	ppb	0.9	95.2%	2.0	20-Mar	3.6	0	7.8	3/20/2025 6:00 AM	11	0
PM _{2.5}	µg/m ³	4.9	100.0%	12.6	2-Mar	28	0	25.2	3/2/2025 6:00 PM	-	-

SAAQs: Saskatchewan Ambient Air Quality Standards



Exceedance Summary								
24-hour Exceedance Information			Summary of other Parameters during Exceedance					
Pollutant	Date	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}

WYAMZ Kerrobert Station - March 2025 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class					
Wind Speed	m/s	0.5-W-1.2	1.2-W- 2.4	2.4-W-3.6	3.6-W-4.8	4.8-W-6.0	> 6.0
SO ₂	ppb	0.0-C-0.4	0.4-C-0.8	0.8-C-1.2	1.2-C-1.6	1.6-C-2.0	C > 2.0
H ₂ S	ppb	0.0-C-0.4	0.4-C-0.8	0.8-C-1.2	1.2-C-1.6	1.6-C-2.0	C > 2.0
PM _{2.5}	µg/m ³	0.0-C-4.0	4.0-C-8.0	8.0-C-12.0	12.0-C-16.0	16.0-C-20.0	C > 20.0

Monthly Update

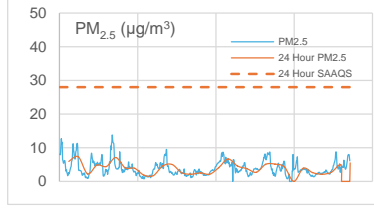
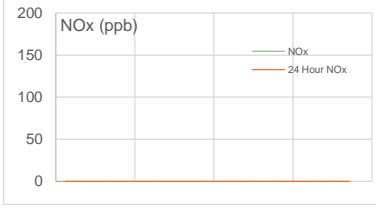
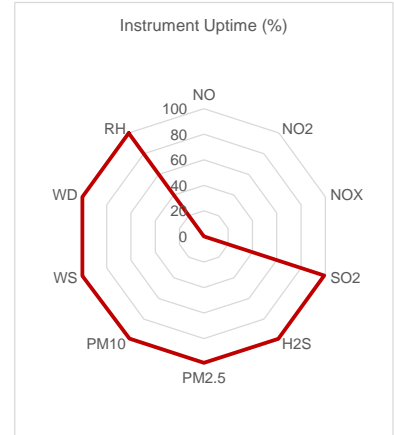
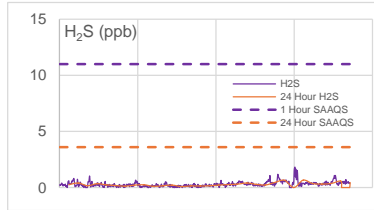
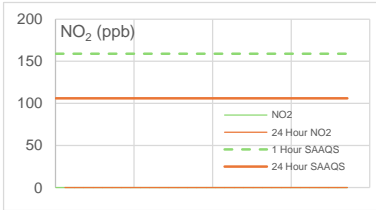
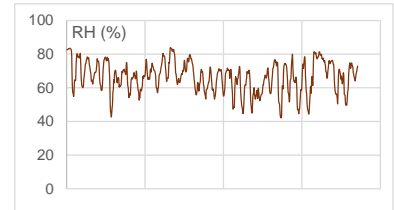
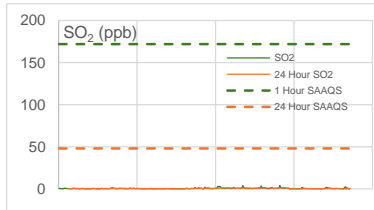
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were more than 90% operational for the month.
- * One hour of data were flagged for all gas analyzers due to daily IZS checks, resulting in the loss of one hour of data each day.
- * Quarterly calibrations were completed on March 24, 2025.



WYAMZ Maidstone Station - March 2025 Summary Report

WYAMZ Maidstone Station - March 2025 Summary Report											
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	No Data	0.0%	0.00	-	-	-	No Data	-	-	-
NO ₂	ppb	No Data	0.0%	0.00	-	106	0	No Data	-	159	0
NO _x	ppb	No Data	0.0%	0.00	-	-	-	No Data	-	-	-
SO ₂	ppb	0.5	99.1%	1.2	24-Mar	48	0	4.0	3/24/2025 12:00 PM	172	0
H ₂ S	ppb	0.3	99.1%	0.7	26-Mar	3.6	0	1.8	3/26/2025 2:00 AM	11	0
PM _{2.5}	µg/m ³	4.0	98.9%	7.3	2-Mar	28	0	13.8	3/6/2025 3:00 PM	-	-

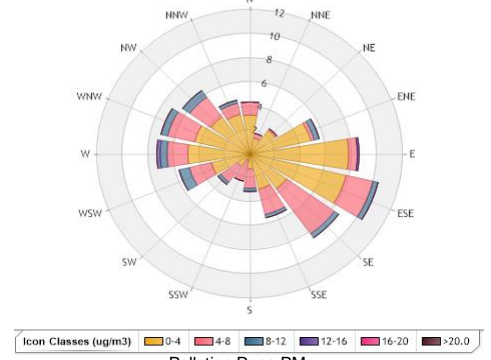
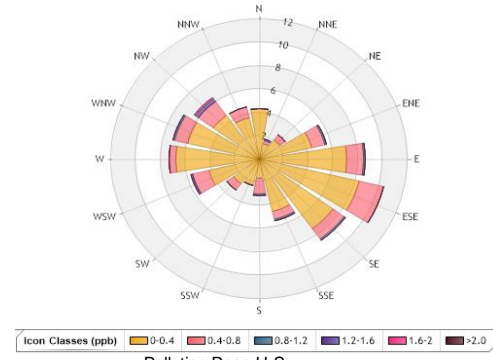
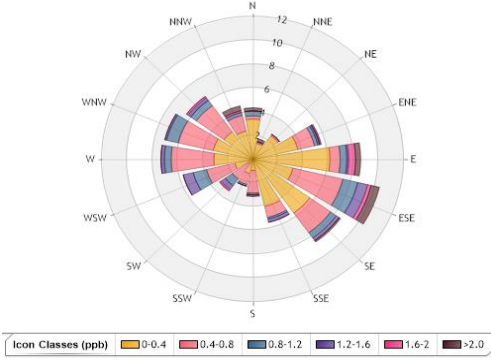
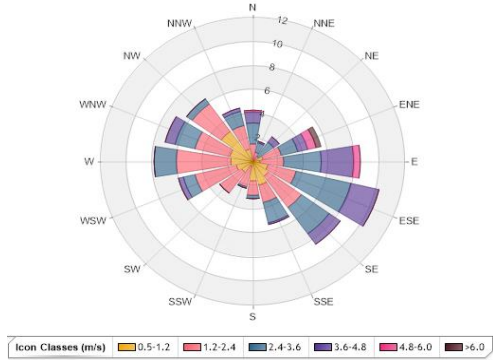
SAAQS: Saskatchewan Ambient Air Quality Standards



Exceedance Summary

Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	Precip.	NO	NO ₂	NO _x	SO ₂	PM _{2.5}

WYAMZ Maidstone Station - March 2025 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class					
Wind Speed	m/s	0.5 - 1.2	1.2 - 2.4	2.4 - 3.6	3.6 - 4.8	4.8 - 6.0	WS > 6.0
SO ₂	ppb	0.0-C-0.4	0.4-C-0.8	0.8-C-1.2	1.2-C-1.6	1.6-C-2.0	C > 2.0
H ₂ S	ppb	0.0-C-0.4	0.4-C-0.8	0.8-C-1.2	1.2-C-1.6	1.6-C-2.0	C > 2.0
PM _{2.5}	µg/m ³	0.0-C-4.0	4.0-C-8.0	8.0-C-12.0	12.0-C-16.0	16.0-C-20.0	C > 20.0

Monthly Update

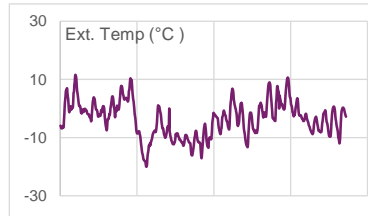
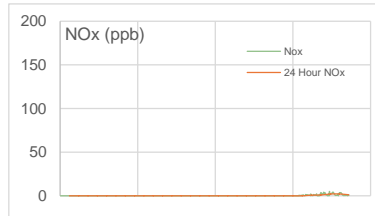
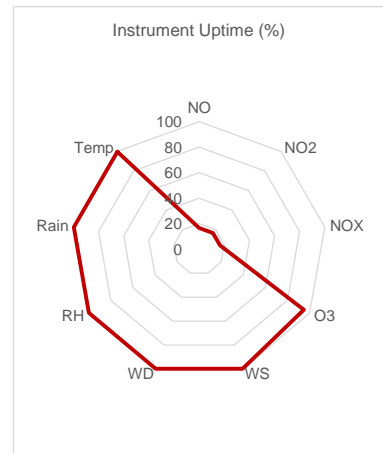
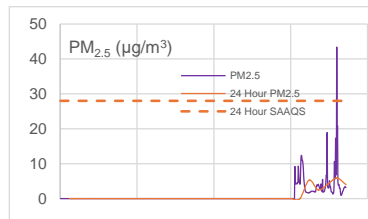
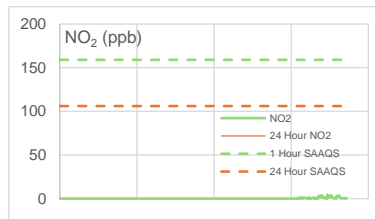
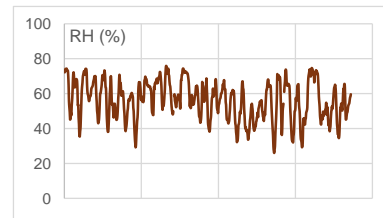
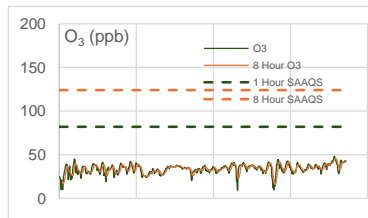
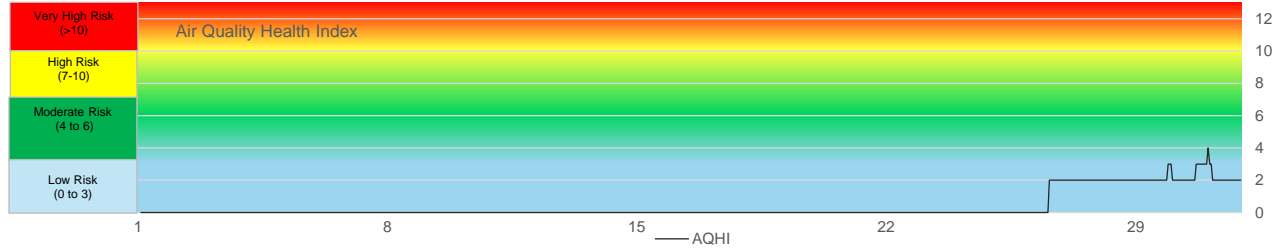
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance gas parameters were more than 90% operational for the month with the exception of the NO₂ sensor which was removed on December 17, 2024 for service and maintenance.
- * The internal daily IZS checks for the H₂S and SO₂ analyzers are currently malfunctioning, resulting in the data acquisition system not receiving daily calibration data.
- * Quarterly calibrations were completed on March 25, 2025.



WYAMZ Meadow Lake Station - March 2025 Summary Report

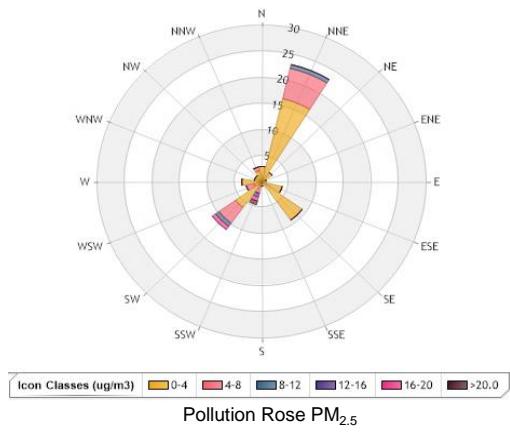
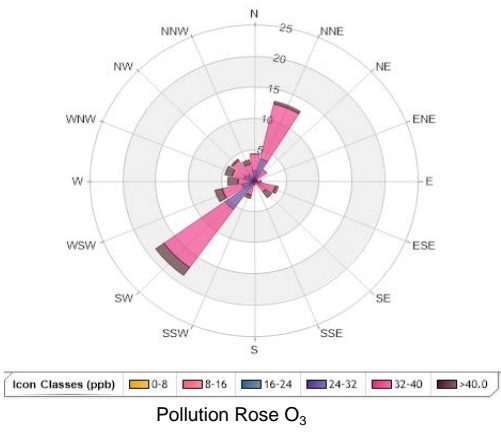
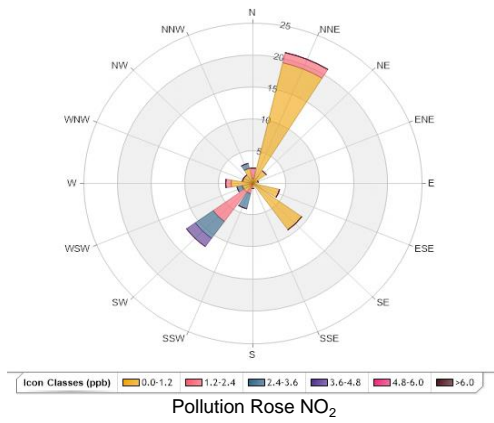
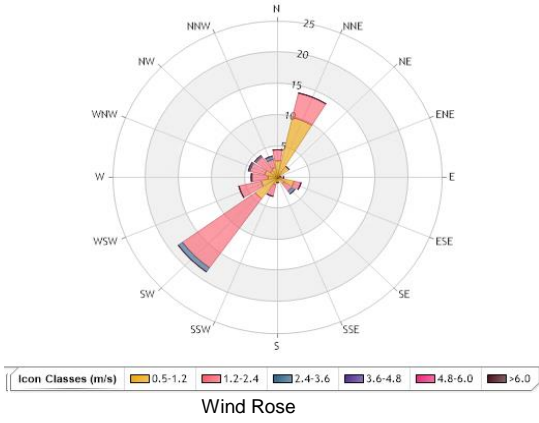
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS Objective*	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	0.3	16.7%	0.37	29-Mar	-	-	1.5	3/29/2025 11:00 AM	-	-
NO ₂	ppb	1.1	16.7%	1.72	30-Mar	106	0	4.7	3/29/2025 10:00 PM	159	0
NO _x	ppb	1.3	16.7%	2.09	30-Mar	-	-	5.1	3/29/2025 10:00 PM	-	-
O ₃	ppb	33.7	94.8%	45.56	30-Mar	124 (8 hours)	0	48.4	3/30/2025 6:00 PM	82	0
PM _{2.5}	µg/m ³	4.4	18.0%	5.93	30-Mar	28	0	43.4	3/31/2025 12:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Exceedance Summary										
24-hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	Precip.	NO	NO ₂	NO _x	O ₃	PM _{2.5}

WYAMZ Meadow Lake Station - March 2025 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class						
Wind Speed	m/s	0.5 - 1.2	1.2 - 2.4	2.4 - 3.6	3.6 - 4.8	4.8 - 6.0	WS > 6.0	
NO ₂	ppb	0.0-C-1.2	1.2-C-2.4	2.4-C-3.6	3.6-C-4.8	4.8-C-6.0	C > 6.0	
O ₃	ppb	0.0-C-8.0	8.0-C-16.0	16.0-C-24.0	24.0-C-32.0	32.0-C-40.0	C > 40.0	
PM _{2.5}	µg/m ³	0.0-C-4.0	4.0-C-8.0	8.0-C-12.0	12.0-C-16.0	16.0-C-20.0	C > 20.0	

Monthly Update

- * All data has been zero drift, and baseline corrected, if any. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were less than 90% operational for the month except for O₃.
- * A total of 620 hours of data were flagged as "analyzer malfunctioning" for the NOx monitor due to issues with ozone generation being offline and a malfunctioning pump.
- * A total of 610 hours of data were flagged as "analyzer malfunctioning" for PM_{2.5} monitor due to instrument pump issue.
- * Quarterly calibrations were completed on March 26, 2024.

