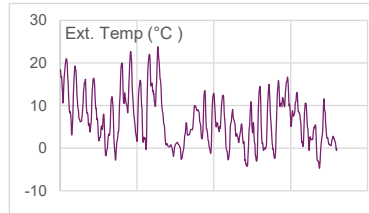
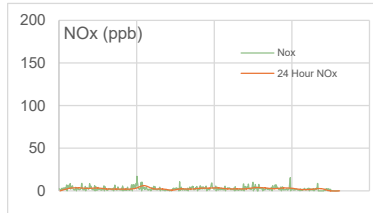
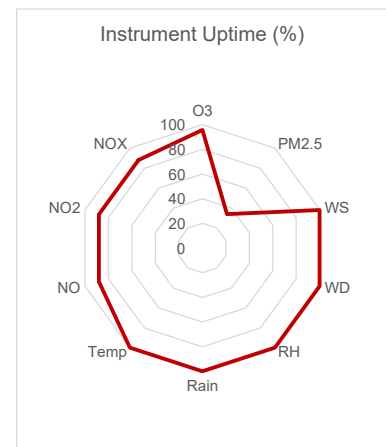
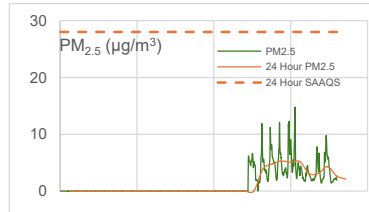
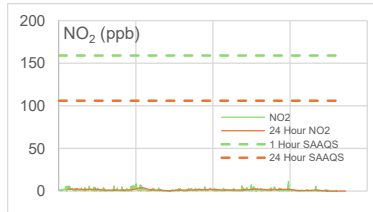
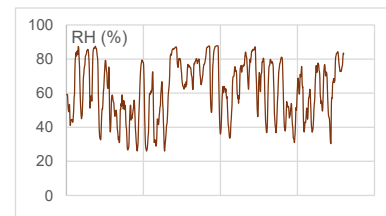
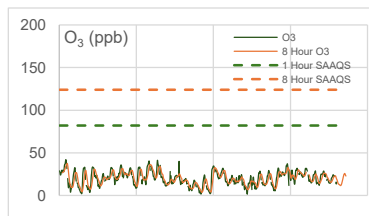
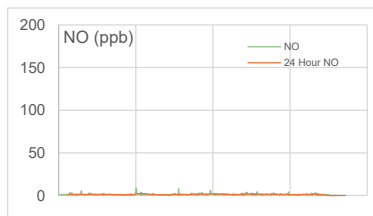
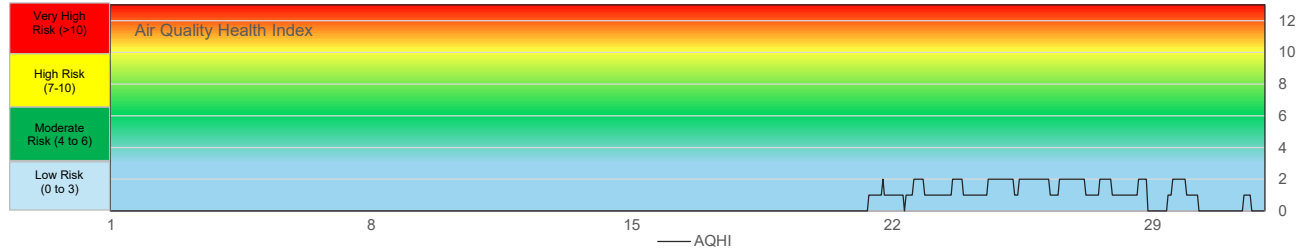


WYAMZ Clavet Station - October 2025 Summary Report

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	1.2	88.2%	2.26	9-Oct	-	-	8.6	10/9/2025 9:00 AM	-	-
NO ₂	ppb	1.5	88.2%	3.92	9-Oct	106	0	11.3	10/25/2025 8:00 PM	159	0
NO _x	ppb	2.7	88.2%	6.16	9-Oct	-	-	17.1	10/9/2025 9:00 AM	-	-
O ₃	ppb	19.8	95.7%	37.49	1-Oct	124 (8 hours)	0	42	10/1/2025 5:00 PM	82	0
PM _{2.5}	µg/m ³	4	34.0%	5.28	24-Oct	28	0	14.8	10/26/2025 11:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



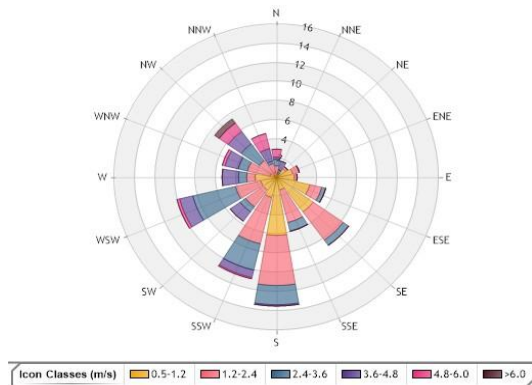
24 Hour Exceedance Summary

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

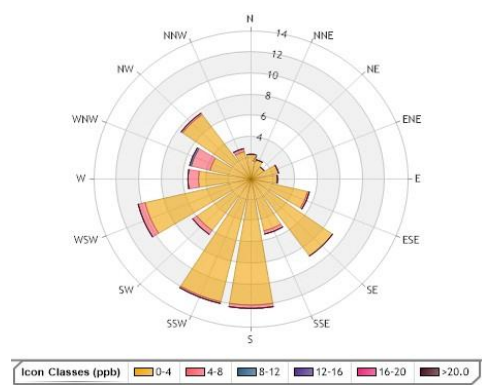
1 Hour Exceedance Summary

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

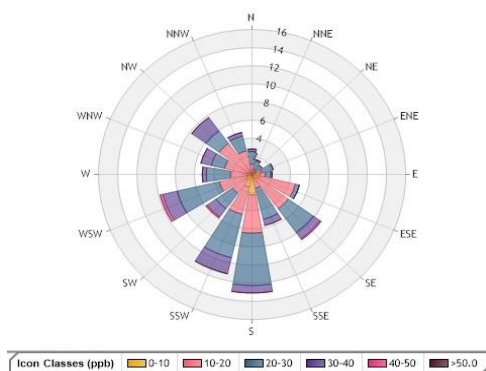
WYAMZ Clavet Station - October 2025 Summary Report



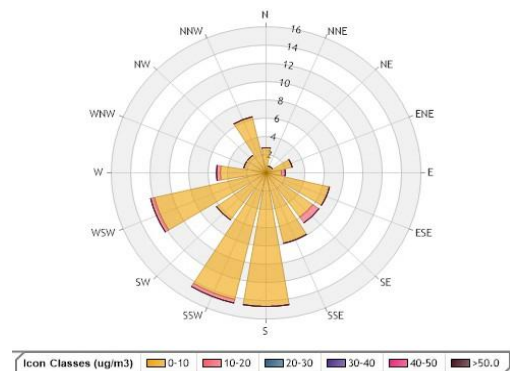
Wind Rose



Pollution Rose NO₂



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	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

Monthly Update

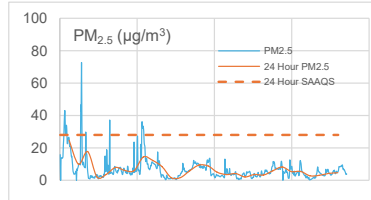
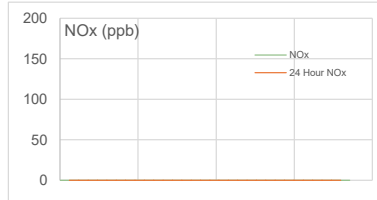
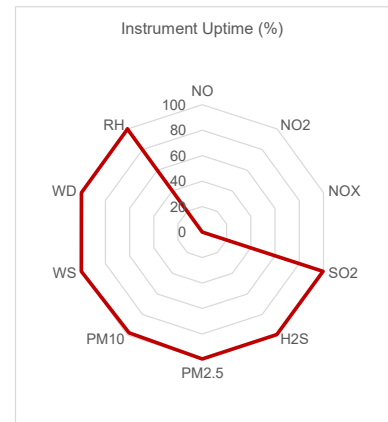
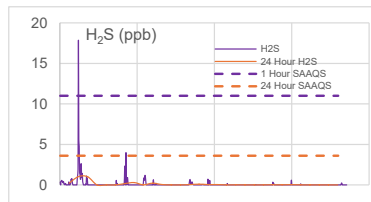
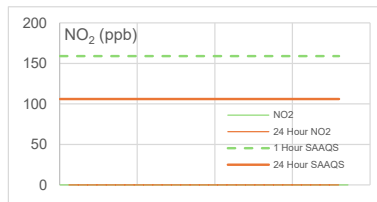
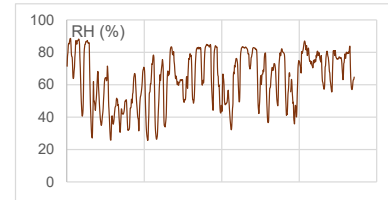
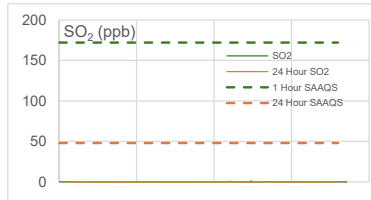
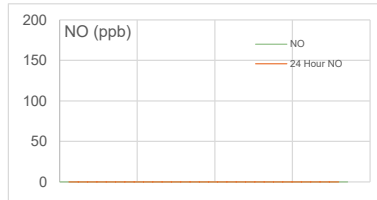
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All parameters were more than 90% operational for the month with the exception of PM_{2.5} and NO_x.
- * A total 88 hours of NO_x data not available due to analyzer error.
- * A total 491 hours of PM_{2.5} data not available due to analyzer error.
- * 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 September 9, 2025.



WYAMZ Maidstone Station - October 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	99.6%	0.1	21-Oct	48	0	1.5	10/21/2025 3:00 PM	172	0
H ₂ S	ppb	0.1	99.5%	1.0	2-Oct	3.6	0	17.9	10/3/2025 12:00 AM	11	1
PM _{2.5}	µg/m ³	6.7	99.6%	24.7	1-Oct	28	0	72.7	10/3/2025 8:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



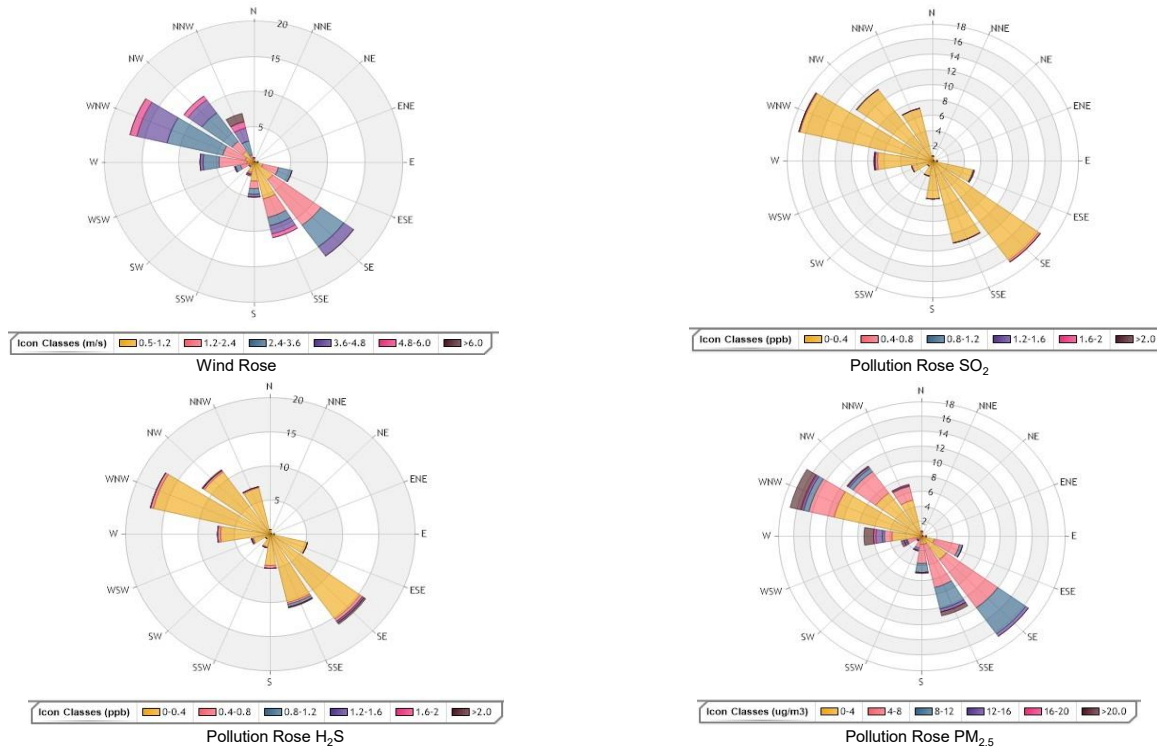
Exceedance Summary

24 - Hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	PM _{2.5}

Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance						
Pollutant	Date /Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	PM _{2.5}	
H ₂ S	10/3/2025 0:00	17.86	0.1	183	0.0	0.0	No Data	9.1	

WYAMZ Maidstone Station - October 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

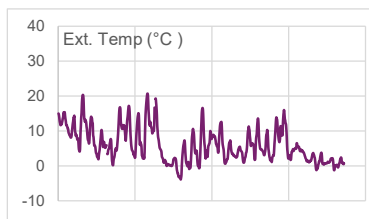
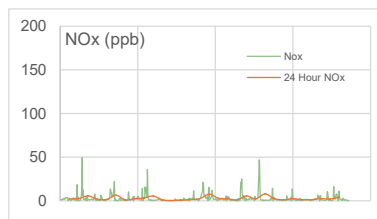
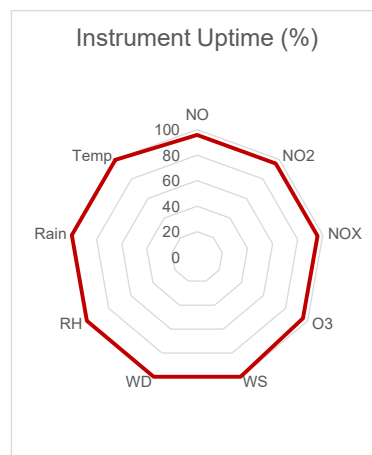
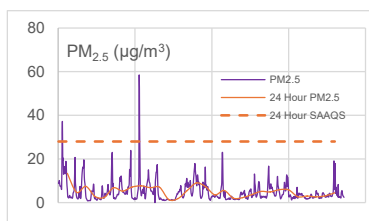
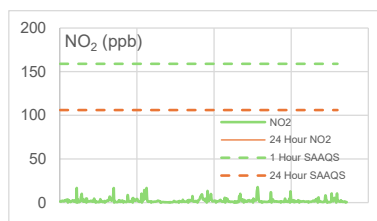
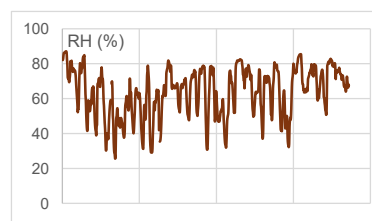
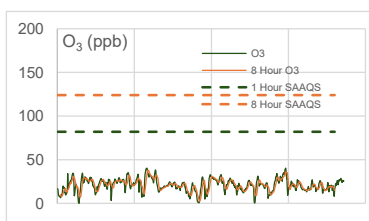
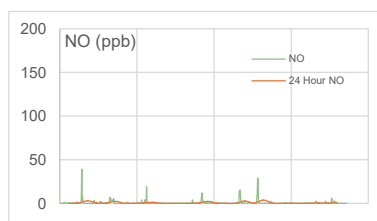
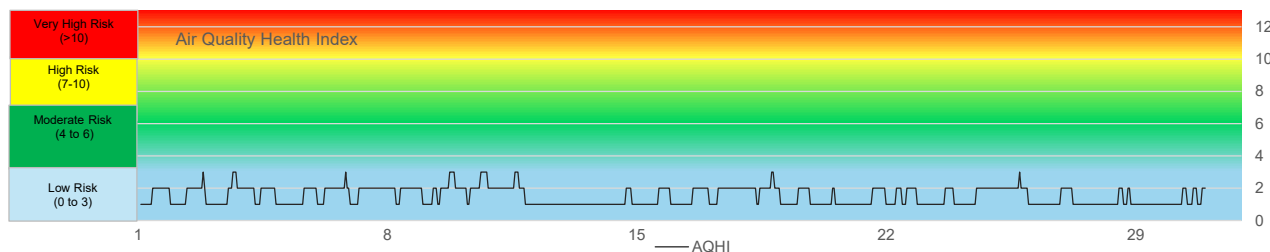
- * System was restarted on September 10, 2025.
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of one H₂S 1-Hour Exceedance.
- * All compliance parameters were greater than 90% operational for the month with the exception of the NO_x analyzer.
- * The NO₂ analyzer was removed on December 17, 2024 for service and maintenance.
- * The internal daily IZS checks for the H₂S and SO₂ analyzers are not working, resulting in the data acquisition system not receiving daily calibration data.
- * 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 completed on September 11, 2025.



WYAMZ Meadow Lake Station - October 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	0.6	95.8%	3.7	22-Oct	-	-	39.3	10/3/2025 9:00 AM	-	-
NO ₂	ppb	2.3	95.8%	5.4	16-Oct	106	0	17.8	10/22/2025 9:00 AM	159	0
NO _x	ppb	2.8	95.8%	7.9	22-Oct	-	-	49.4	10/3/2025 9:00 AM	-	-
O ₃	ppb	21.0	95.8%	37.8	10-Oct	124 (8 hours)	0	40.3	10/25/2025 5:00 PM	82	0
PM _{2.5}	µg/m ³	5.0	99.9%	13.4	1-Oct	28	0	58.5	10/9/2025 7:00 PM	-	-

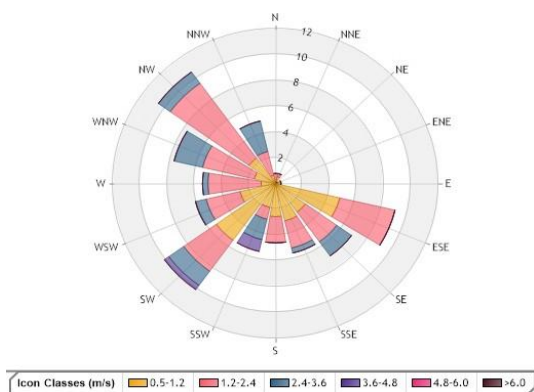
SAAQS: Saskatchewan Ambient Air Quality Standards



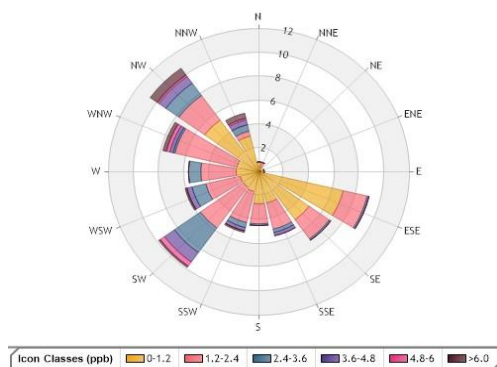
Exceedance Summary

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

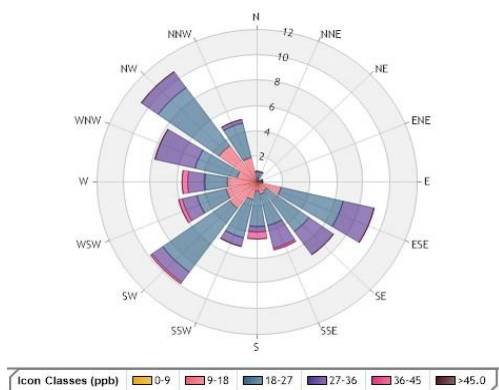
WYAMZ Meadow Lake Station - October 2025 Summary Report



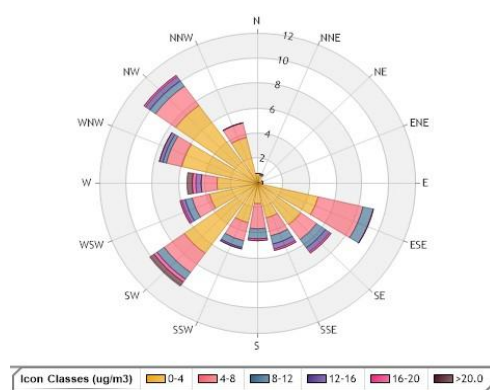
Wind Rose



Pollution Rose NO₂



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-W-1.2	1.2-W-2.4	2.4-W-3.6	3.6-W-4.8	4.8-W-6.0	W > 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-9.0	9.0-C-18.0	18.0-C-27.0	27.0-C-36.0	36.0-C-45.0	C > 45.0	
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

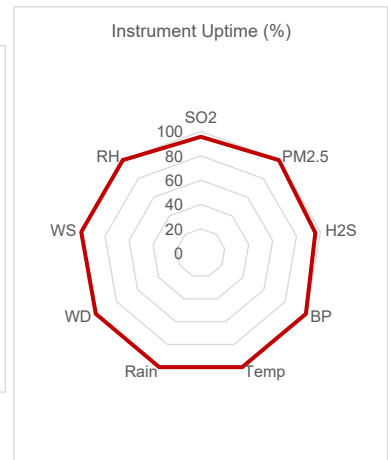
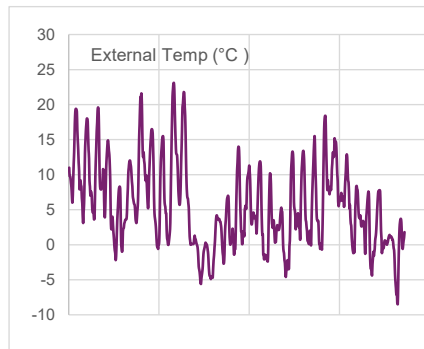
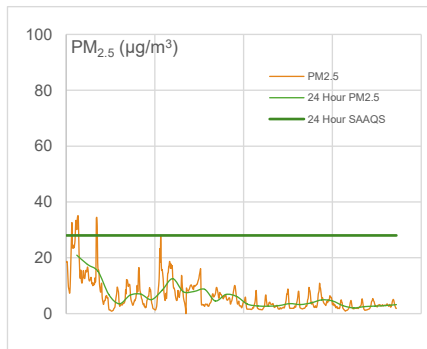
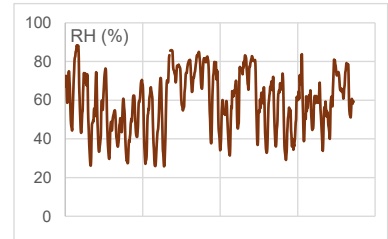
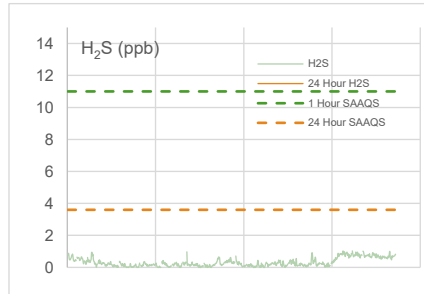
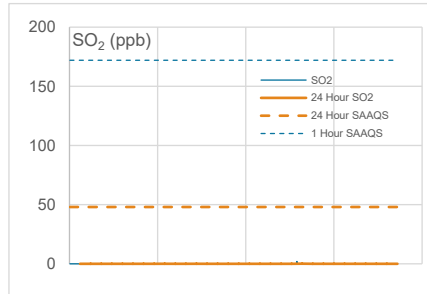
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of one PM_{2.5} 24-Hour Exceedances.
- * All compliance parameters were more than 90% operational for the month.
- * One hour of data was 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 September 4, 2025.



WYAMZ Kerrobert Station - October 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	95.7%	0.1	22-Oct	48	0	2.0	10/22/2025 12:00 PM	172	0
H ₂ S	ppb	0.3	95.7%	0.8	27-Oct	3.6	0	1.0	10/27/2025 1:00 AM	11	0
PM _{2.5}	µg/m ³	6.2	99.9%	20.9	1-Oct	28	0	35.1	10/2/2025 3:00 AM	-	-

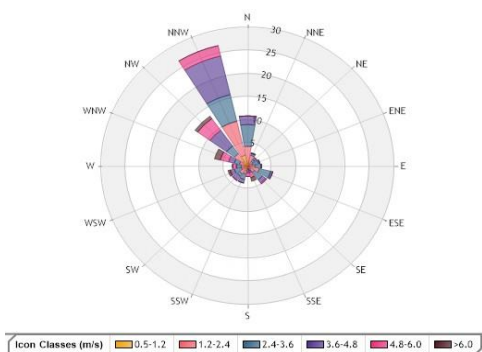
SAAQS: Saskatchewan Ambient Air Quality Standards



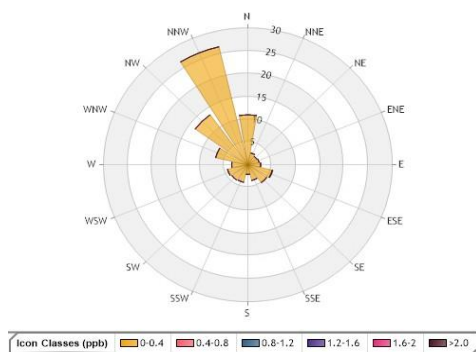
Exceedance Summary

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

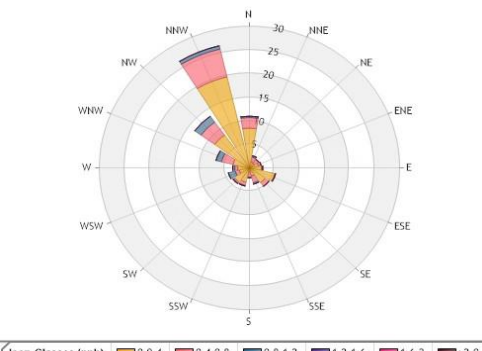
WYAMZ Kerrobert Station - October 2025 Summary Report



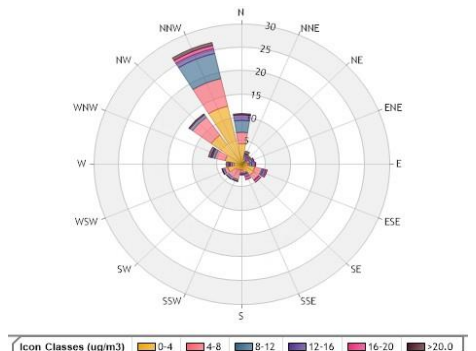
Wind Rose



Pollution Rose SO₂



Pollution Rose H₂S



Pollution Rose PM_{2.5}

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 greater 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 completed on September 10, 2025.

