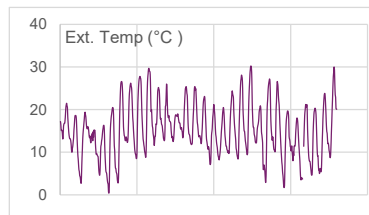
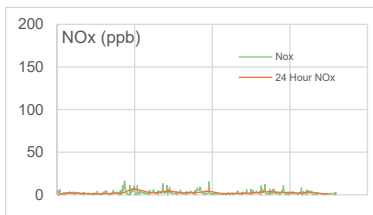
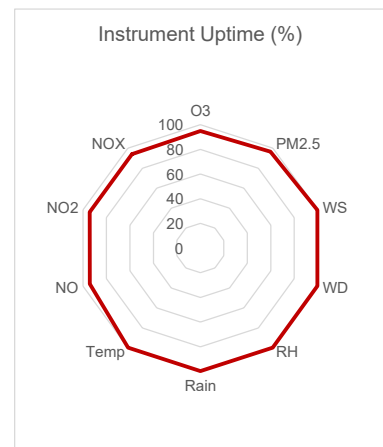
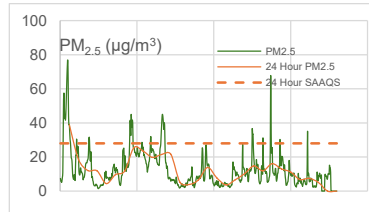
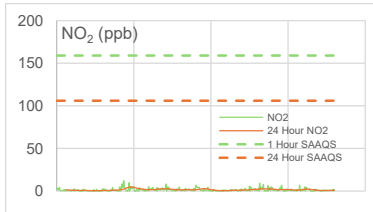
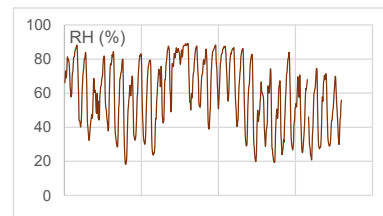
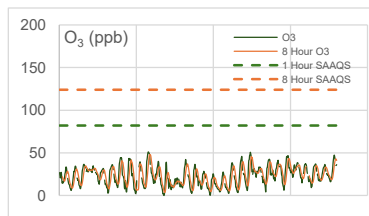
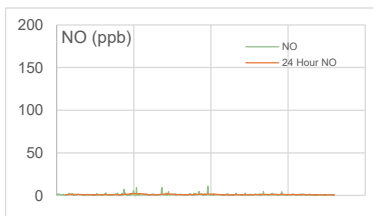
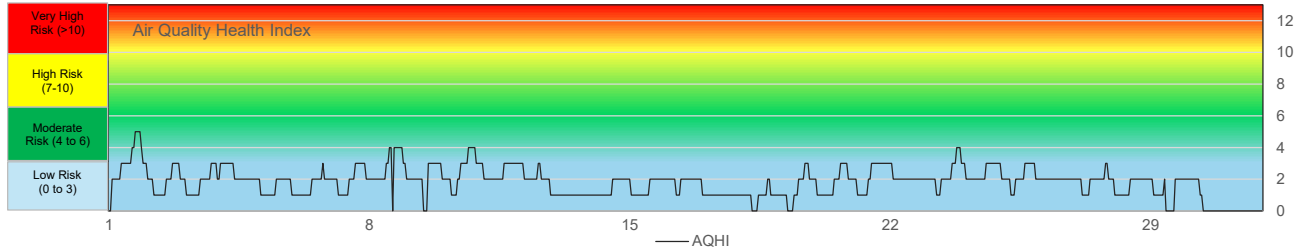


WYAMZ Clavet Station - September 2025 Summary Report

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	94.2%	2.2	9-Sep	-	-	10.9	9/17/2025 8:00 AM	-	-
NO ₂	ppb	1.6	94.3%	4.8	8-Sep	106	0	12.2	9/8/2025 6:00 AM	159	0
NO _x	ppb	2.6	94.2%	6.8	8-Sep	-	-	16.1	9/8/2025 7:00 AM	-	0
O ₃	ppb	23	94.9%	48.0	10-Sep	124 (8 hours)	0	51	9/10/2025 3:00 PM	82	0
PM _{2.5}	µg/m ³	12.9	96.5%	39.0	1-Sep	28	1	76.9	9/1/2025 8:00 PM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



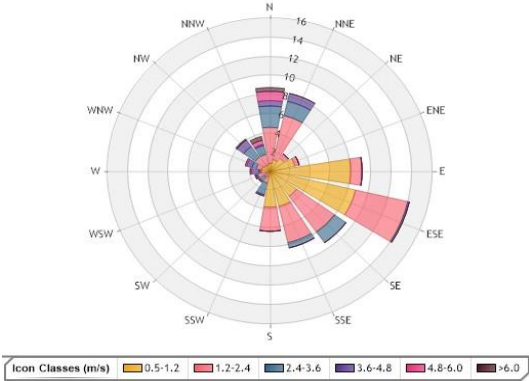
24 Hour Exceedance Summary

Exceedance Information			Summary of other Parameters during Exceedance								
Pollutant	Date	Conc.	WS	WD	Precip.	NO	NO ₂	NO _x	O ₃	PM _{2.5}	
PM _{2.5}	9/1/25 12:00 AM	39.0	1.8	116.5	0.0	0.9	1.5	2.4	22.1	39.0	

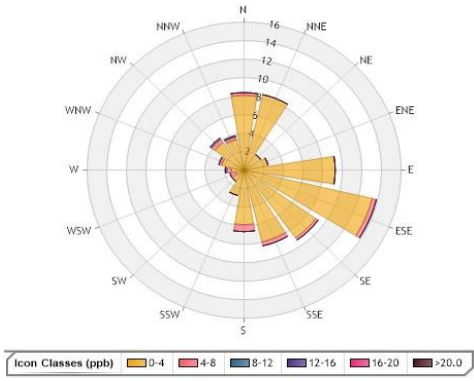
1 Hour Exceedance Summary

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

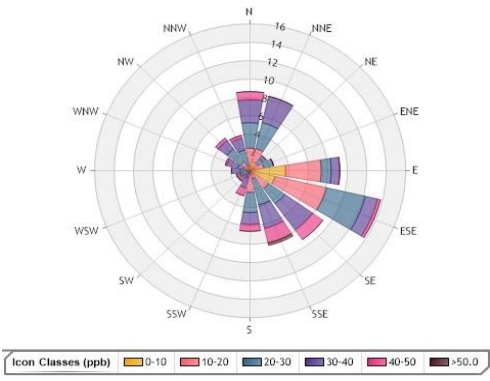
WYAMZ Clavet Station - September 2025 Summary Report



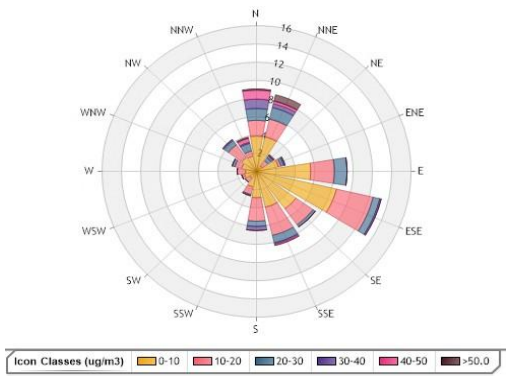
Wind Rose



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

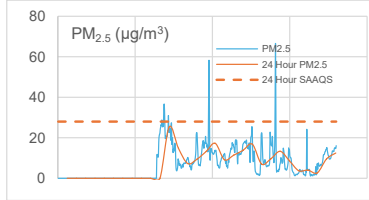
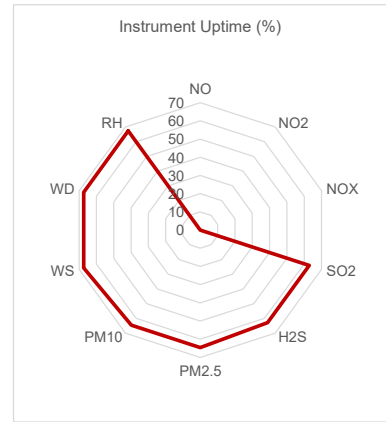
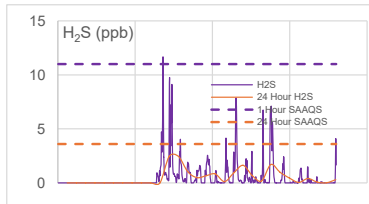
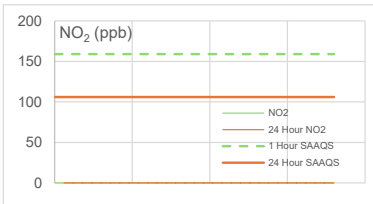
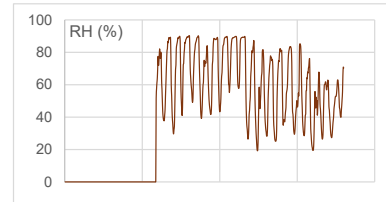
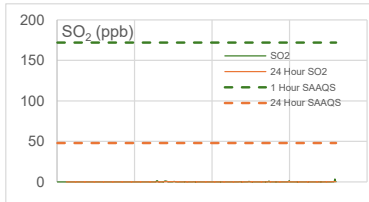
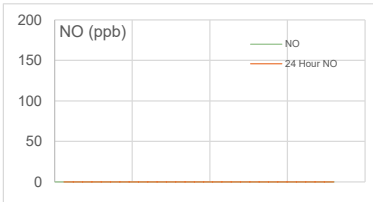
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards except for one PM_{2.5} 24-hours average exceedance most likely attributed to wildfire smoke in the area.
- * All 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 September 9, 2025.



WYAMZ Maidstone Station - September 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	-	-	0	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	0.1	62.9%	0.4	30-Sep	48	0	3.7	9/30/2025 9:00 PM	172	0
H ₂ S	ppb	0.8	62.9%	2.5	12-Sep	3.6	0	11.7	9/12/2025 8:00 AM	11	1
PM _{2.5}	µg/m ³	11.1	64.6%	25.4	12-Sep	28	0	66.6	9/24/2025 11:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



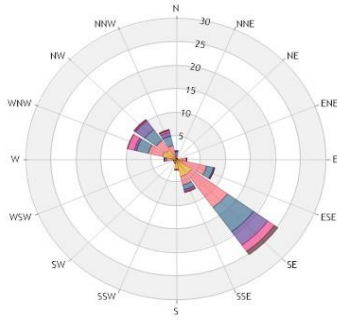
Exceedance Summary

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)

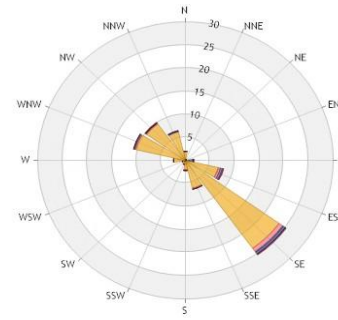
1-hour Exceedance Information			Summary of Other Parameters During Exceedance						
Pollutant	Date /Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	PM _{2.5}	
H ₂ S	9/12/2025 8:00	11.7	0.5	161.8	0.0	0.0	NA	26.7	

WYAMZ Maidstone Station - September 2025 Summary Report



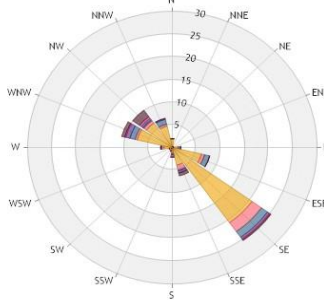
Icon Classes (m/s) 0.5-1.2 1.2-2.4 2.4-3.6 3.6-4.8 4.8-6.0 >6.0

Wind Rose



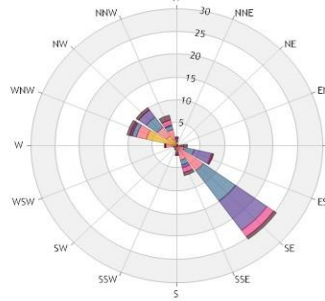
Icon Classes (ppb) 0-0.4 0.4-0.8 0.8-1.2 1.2-1.6 1.6-2 >2.0

Pollution Rose SO₂



Icon Classes (ppb) 0-0.4 0.4-0.8 0.8-1.2 1.2-1.6 1.6-2 >2.0

Pollution Rose H₂S



Icon Classes (ug/m3) 0-4 4-8 8-12 12-16 16-20 >20.0

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	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

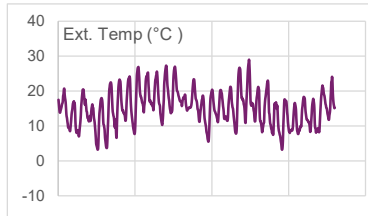
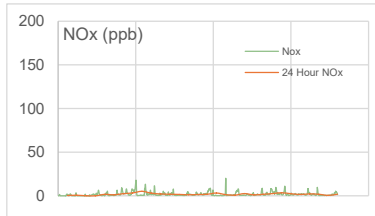
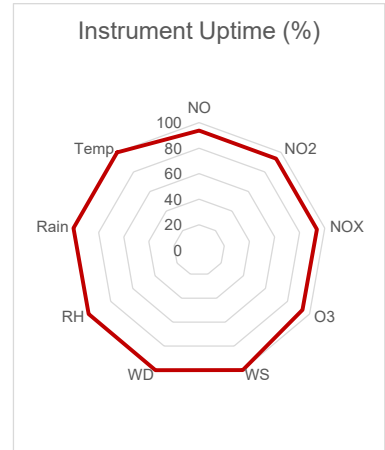
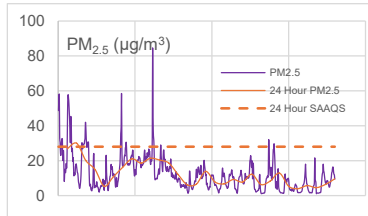
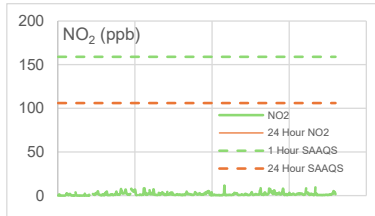
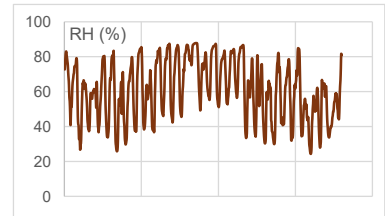
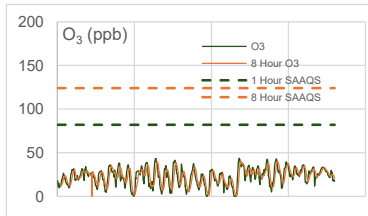
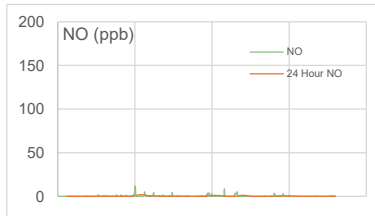
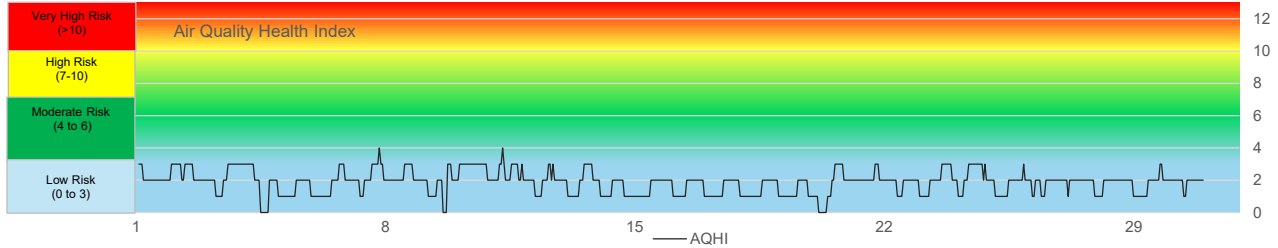
- * System was restarted on September 10, 2025.
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of one H₂S 1-Hour Exceedance.
- * All compliance parameters were less than 90% operational for the month.
- * 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 - September 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	93.8%	1.9	9-Sep	-	-	11.9	9/9/2025 9:00 AM	-	-
NO ₂	ppb	1.7	93.8%	3.4	9-Sep	106	0	11.5	9/19/2025 12:00 AM	159	0
NO _x	ppb	1.8	93.8%	5.2	9-Sep	-	-	20.1	9/19/2025 12:00 AM	-	-
O ₃	ppb	22.7	93.6%	40.2	20-Sep	124 (8 hours)	0	43.7	9/20/2025 4:00 PM	82	0
PM _{2.5}	µg/m ³	12.3	100.0%	30.0	2-Sep	28	1	84.6	9/11/2025 6:00 AM	-	-

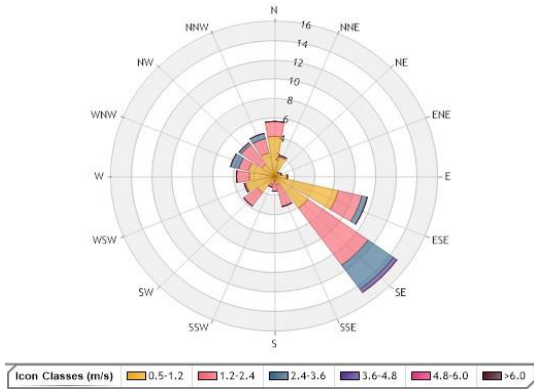
SAAQS: Saskatchewan Ambient Air Quality Standards



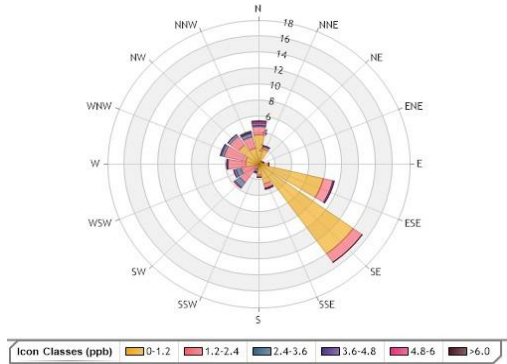
Exceedance Summary

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}
PM _{2.5}	2-Sep	30.0	0.7	157.7	0.0	0.0	0.8	0.7	20.5	30.0

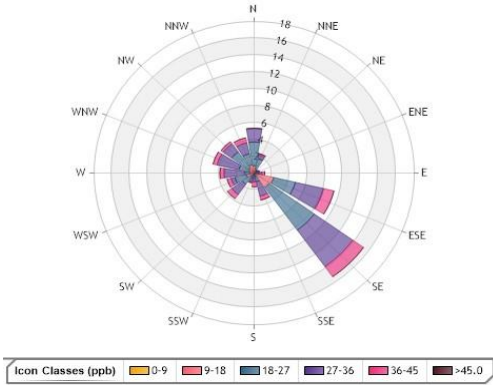
WYAMZ Meadow Lake Station - September 2025 Summary Report



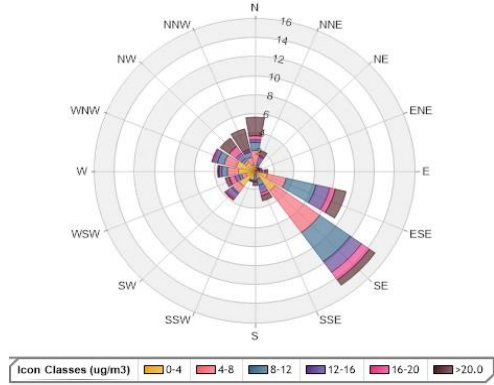
Wind Rose



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

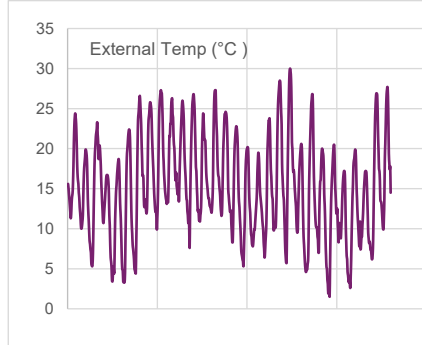
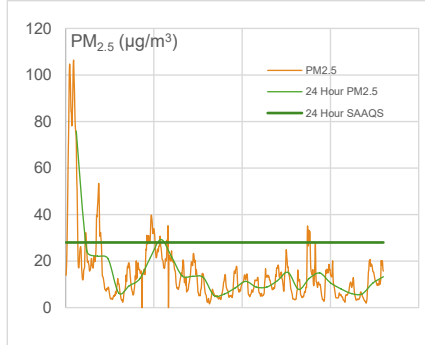
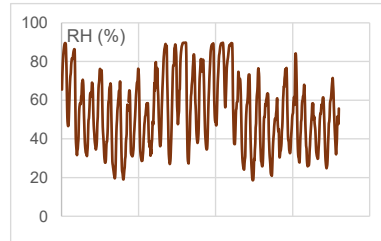
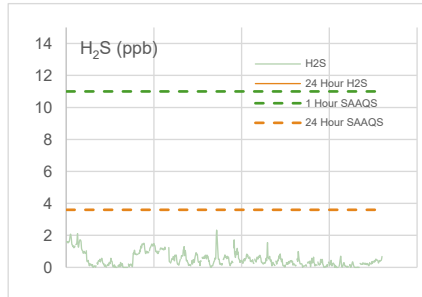
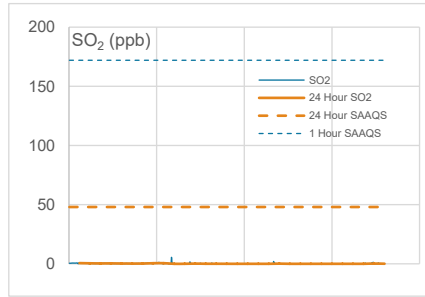
- * All data has been zero drift, and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of one PM_{2.5} 24-Hour Exceedances.
- * All compliance parameters were more 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 - September 2025 Summary Report

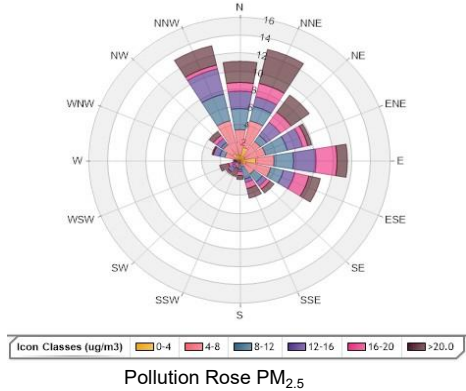
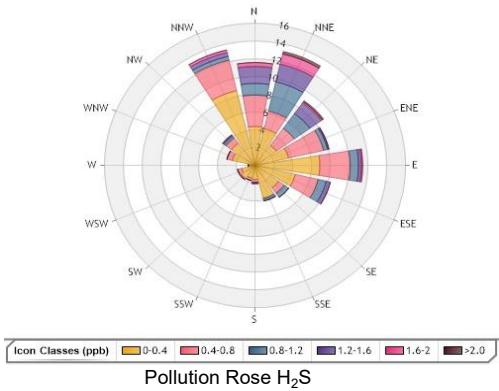
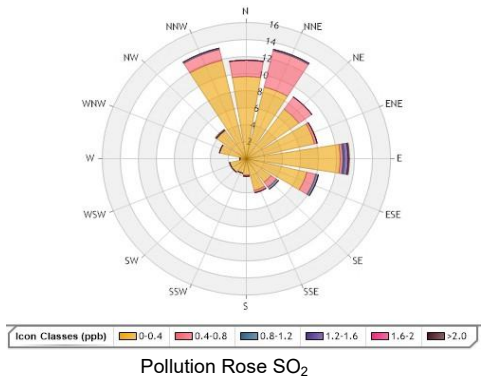
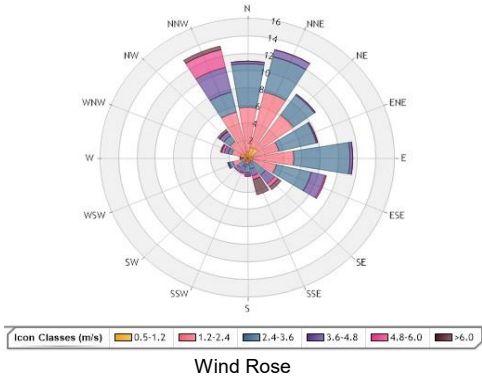
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQs Objective	Exceed Days	Maximum		SAAQs Objective	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0.2	94.9%	0.6	1-Sep	48	0	5.5	9/10/2025 6:00 PM	172	0
H ₂ S	ppb	0.5	94.9%	1.5	1-Sep	3.6	0	2.3	9/15/2025 7:00 AM	11	0
PM _{2.5}	µg/m ³	15	99.7%	75.9	1-Sep	28	2	106.4	9/1/2025 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}
PM _{2.5}	1-Sep	75.9	2.4	162.1	0.0	0.6	1.5	75.9
PM _{2.5}	9-Sep	29.3	2.2	82.6	0.0	0.5	1.2	29.3

WYAMZ Kerrobert Station - September 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 with the exception of two PM_{2.5} 24-Hour Exceedances.
- * 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.

