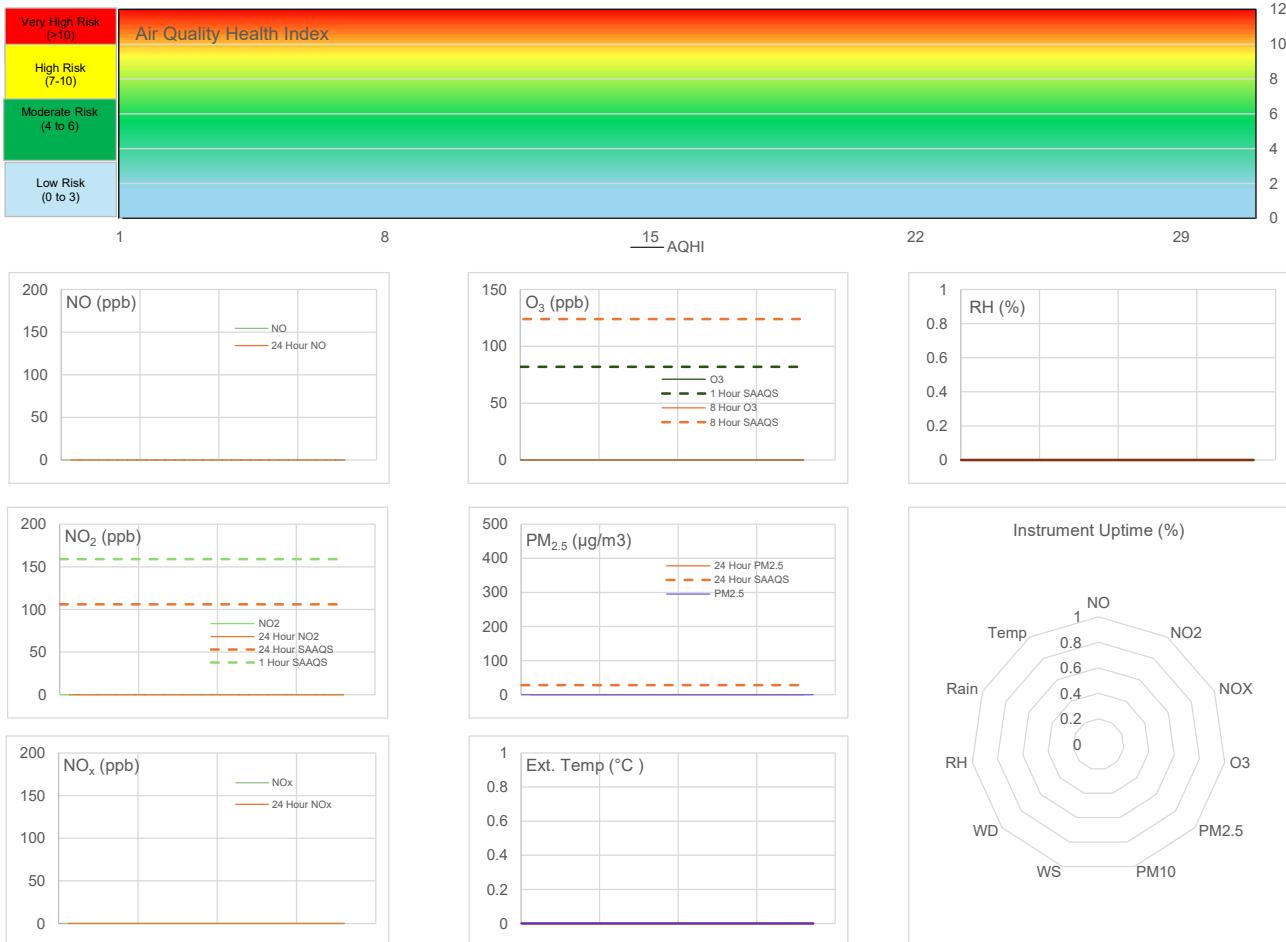


SESAA Esterhazy Station - October 2025 Summary Report

Pollutant		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Concentration	Date and Time		
NO	ppb	No Data	0.0%	0.0	-	-	-	No Data	-	-	-
NO ₂	ppb	No Data	0.0%	0.0	-	106	0	No Data	-	159	0
NO _x	ppb	No Data	0.0%	0.0	-	-	-	No Data	-	-	-
O ₃	ppb	No Data	0.0%	0.0	-	124 (8-Hour)	0	No Data	-	82	0
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	-	28	0	No Data	-	-	-

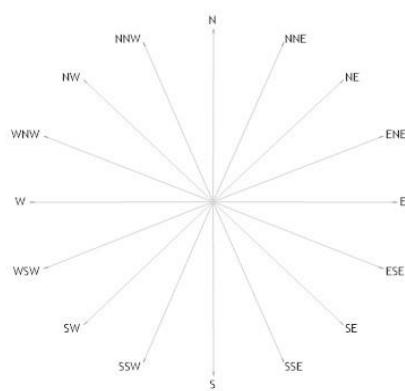
SAAQS: Saskatchewan Ambient Air Quality Standards



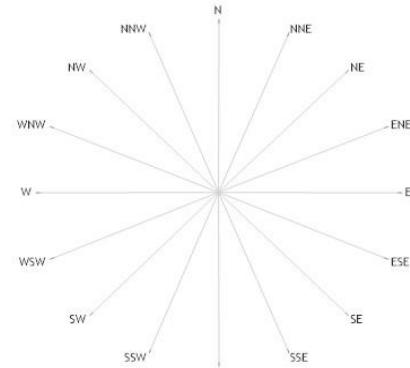
Exceedance Summary

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

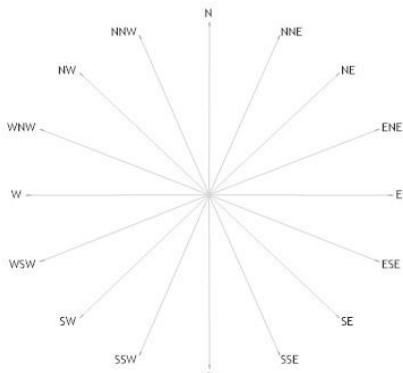
SESAA Esterhazy Station - October 2025 Summary Report



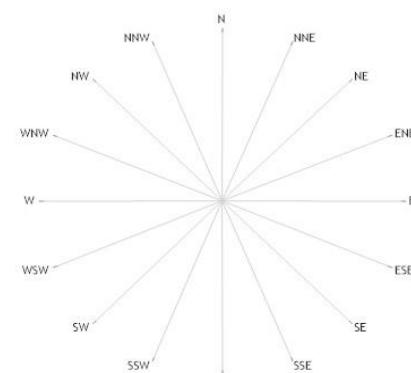
Wind Rose



Pollution Rose NO₂



Pollution Rose O₃



Pollution Rose PM_{2.5}

Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration Class					
		N/A	N/A	N/A	N/A	N/A	N/A
Wind Speed	m/s	N/A	N/A	N/A	N/A	N/A	N/A
NO ₂	ppb	N/A	N/A	N/A	N/A	N/A	N/A
O ₃	ppb	N/A	N/A	N/A	N/A	N/A	N/A
PM _{2.5}	µg/m ³	N/A	N/A	N/A	N/A	N/A	N/A

* System was shut down on July 5, 2025 due to HVAC system malfunctioned.

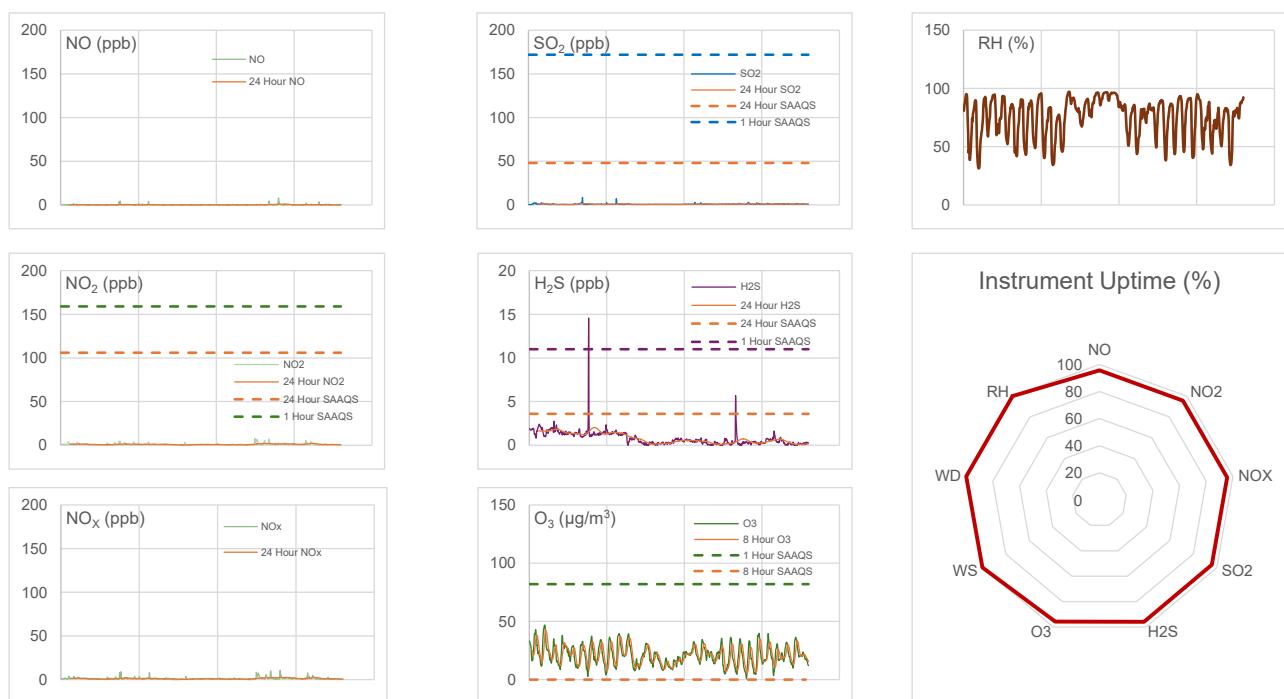
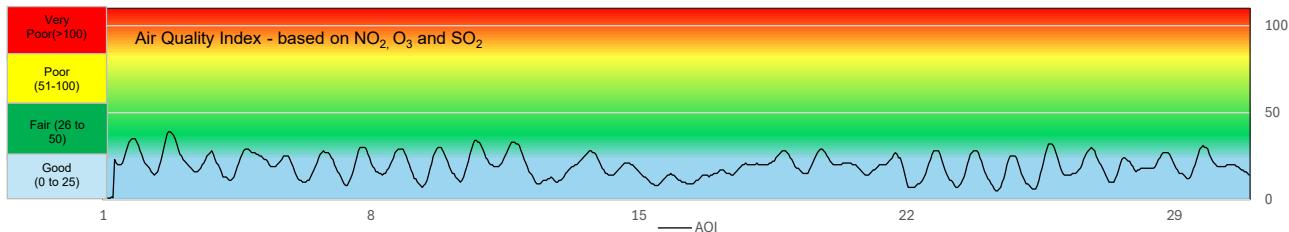
* Most recent quarterly calibrations were completed on April 26, 2025.



SESAA Glen Ewen Station - October 2025 Summary Report

Pollutants		Month Records		24 Hour Records			1 Hour Records				
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	0.2	95.7%	0.9	10/24/2025	-	-	8	10/24/2025 8:00 AM	-	-
NO ₂	ppb	1	95.7%	2.2	10/27/2025	106	0	7.9	10/21/2025 7:00 PM	159	0
NO _x	ppb	1.1	95.7%	2.4	10/27/2025	-	-	10.7	10/24/2025 8:00 AM	-	-
SO ₂	ppb	0.8	95.8%	1.5	10/6/2025	48	0	8.6	10/6/2025 7:00 PM	172	0
H ₂ S	ppb	0.8	95.8%	2.0	10/7/2025	3.6	0	14.6	10/7/2025 9:00 AM	11	1
O ₃	ppb	20.8	95.7%	42.6	10/2/2025	124 (8 hours)	0	46.9	10/2/2025 4:00 PM	82	0

SAAQS: Saskatchewan Ambient Air Quality Standards



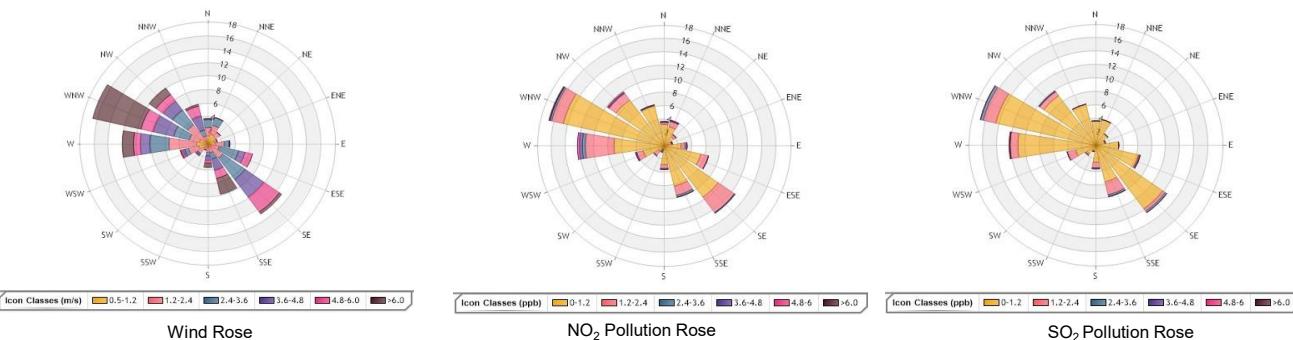
SESAA Glen Ewen Station - October 2025 Summary Report

Exceedance Summary (24-Hour Average)

24-hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NOx	SO ₂	O ₃

Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance					
Pollutant	Date and Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	O ₃
H ₂ S	7-Oct 9:00:00 AM	14.6	0.47	354	0.0	0.7	4.6	7.2



Wind Rose

NO₂ Pollution Rose

SO₂ Pollution Rose

H₂S Pollution Rose

O₃ Pollution Rose

Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class					
		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
Wind Speed	m/s	Yellow	Orange	Red	Dark Red	Black	W > 6.0
NO ₂	ppb	Yellow	Orange	Red	Dark Red	Black	C > 6.0
SO ₂	ppb	Yellow	Orange	Red	Dark Red	Black	C > 6.0
H ₂ S	ppb	Yellow	Orange	Red	Dark Red	Black	C > 6.0
O ₃	ppb	Yellow	Orange	Red	Dark Red	Black	C > 40.0

Monthly Update

* Quarterly calibrations were completed on July 29, 2025. Data prior to this date was not formally validated.

* All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of one H₂S one-hour exceedance.

* All compliance parameters were greater than 90% operational for the month.

* The NO₂ permeation tube was depleted, and as a result, daily span checks were not included in the data process.

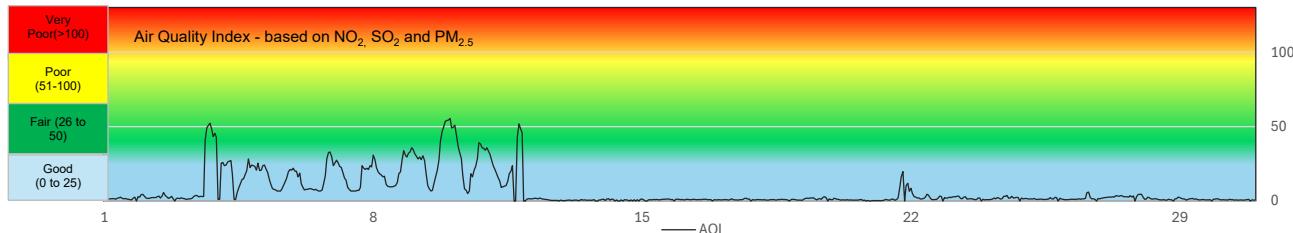
* One hour of data were flagged for all gas analyzers due to daily IZS checks, resulting in the loss of one hour of data each day.



SESAA Oxbow Station - October 2025 Summary Report

Pollutants		Month Records		24 Hour Records			1 Hour Records				
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	0	94.0%	0.2	10/22/2025	-	-	2.5	10/3/2025 4:00 PM	-	-
NO ₂	ppb	1.2	94.0%	3.1	10/27/2025	106	0	11.1	10/21/2025 7:00 PM	159	0
NO _x	ppb	0.8	94.0%	2.8	10/27/2025	-	-	10.5	10/21/2025 7:00 PM	-	-
SO ₂	ppb	0.9	94.0%	2.4	10/21/2025	48	0	13.8	10/21/2025 8:00 PM	172	0
H ₂ S	ppb	0.2	94.0%	0.5	10/12/2025	3.6	0	2.2	10/12/2025 8:00 AM	11	0
PM _{2.5}	µg/m ³	5.4	25.9%	7.2	10/10/2025	28	0	14.2	10/10/2025 1:00 AM	-	-

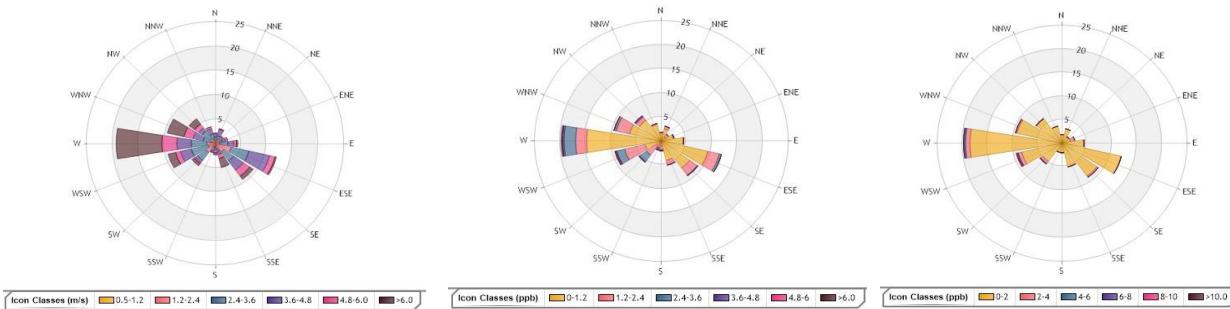
SAAQS: Saskatchewan Ambient Air Quality Standards



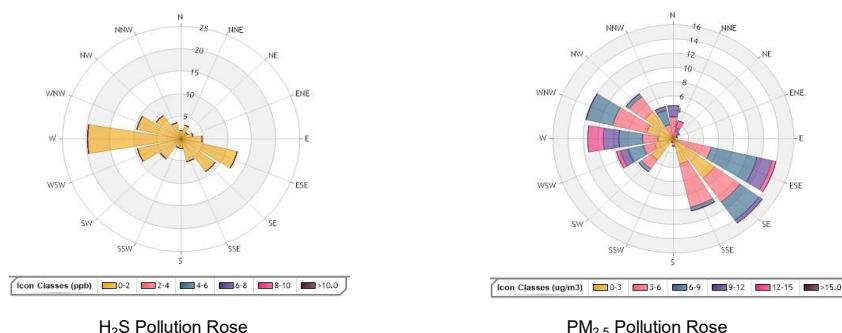
SESAA Oxbow Station - October 2025 Summary Report

Exceedance Summary

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



Wind Rose

NO₂ Pollution RoseSO₂ Pollution RoseH₂S Pollution RosePM_{2.5} Pollution Rose

Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration 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
SO ₂	ppb	0.0-C-2.0	2.0-C-4.0	4.0-C-6.0	6.0-C-8.0	8.0-C-10.0	C > 10.0
H ₂ S	ppb	0.0-C-2.0	2.0-C-4.0	4.0-C-6.0	6.0-C-8.0	8.0-C-10.0	C > 10.0
PM _{2.5}	µg/m ³	0.0-C-3.0	3.0-C-6.0	6.0-C-9.0	9.0-C-12.0	12.0-C-15.0	C > 15.0

Monthly Update

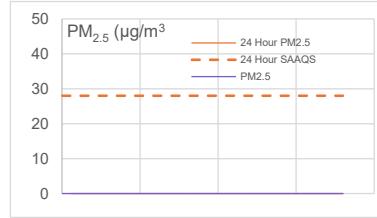
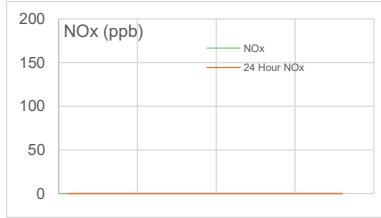
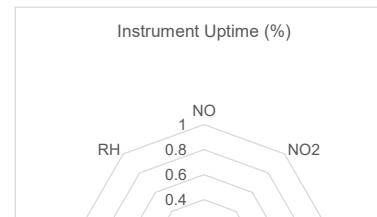
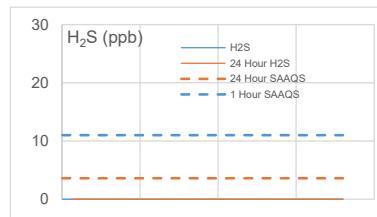
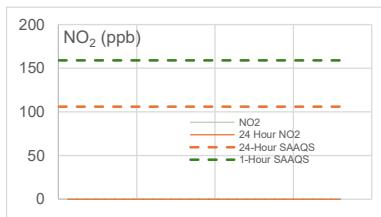
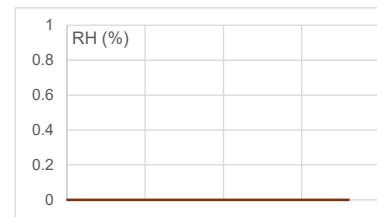
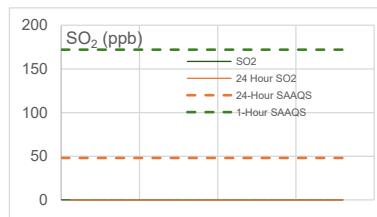
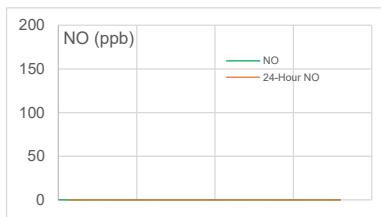
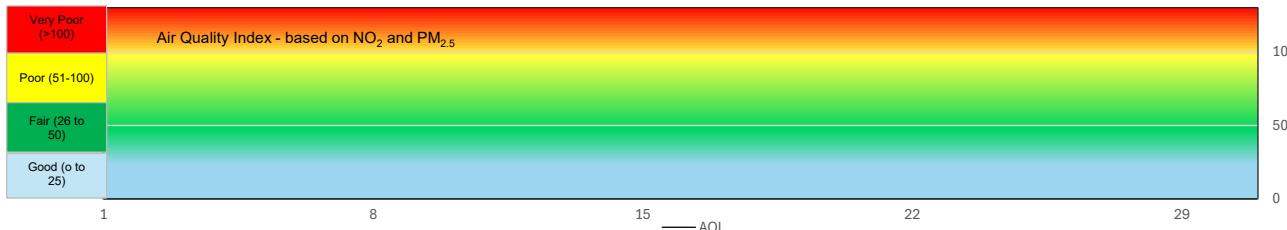
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were more than 90% operational for the month, except for PM_{2.5}
- * A total of 551 hours of PM_{2.5} data intermittent throughout the month were flagged as "analyzer malfunction," resulting in missing and flatlined data.
- * The NO₂ permeation tube was depleted, and as a result, daily span checks were not included in the data process.
- * 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 July 29, 2025.



SESA Stoughton Station - October 2025 Summary Report

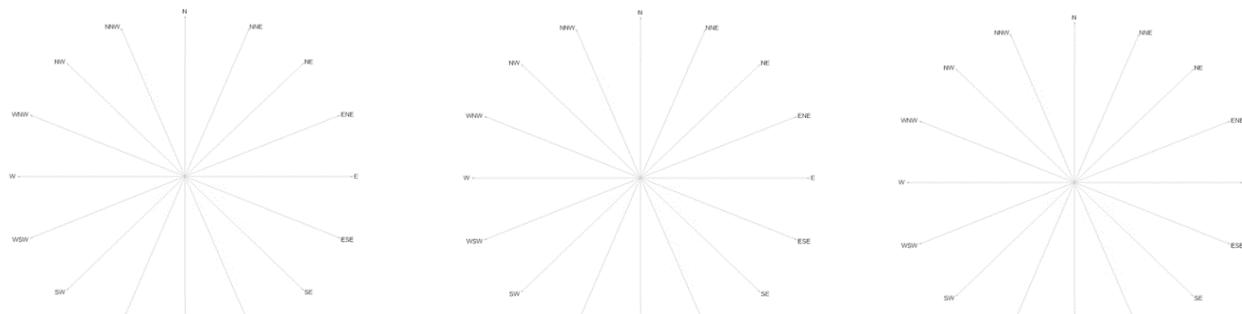
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	No Data	0.0%	0.0	-	-	-	No Data	-	-	-
NO ₂	ppb	No Data	0.0%	0.0	-	106	0	No Data	-	159	0
NO _x	ppb	No Data	0.0%	0.0	-	-	-	No Data	-	-	-
SO ₂	ppb	No Data	0.0%	0.0	-	48	0	No Data	-	172	0
H ₂ S	ppb	No Data	0.0%	0.0	-	3.6	0	No Data	-	11	0
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	-	28	0	No Data	-	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

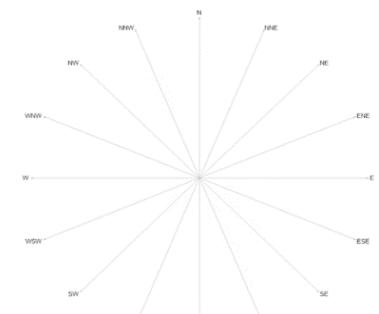


SESA Stoughton Station - October 2025 Summary Report

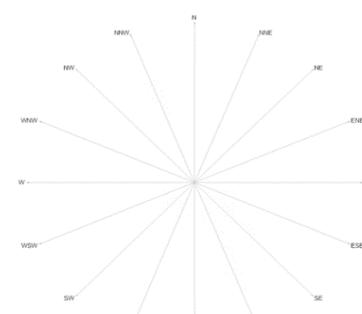
Exceedance Summary										
Exceedance Summary			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NOx	SO ₂	PM _{2.5}



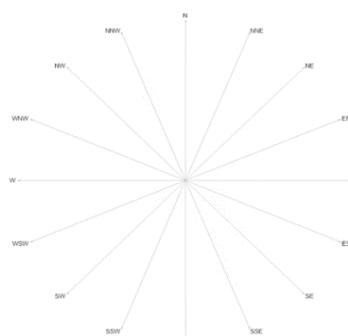
Wind Rose



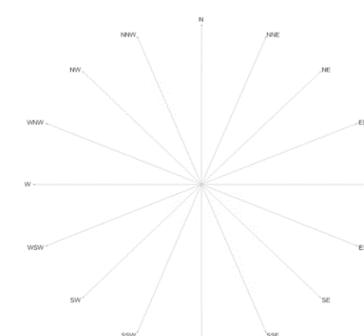
NO₂ Pollution Rose



SO₂ Pollution Rose



H₂S Pollution Rose



PM_{2.5} Pollution Rose

Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration Class					
Wind Speed	m/s	N/A	N/A	N/A	N/A	N/A	N/A
NO ₂	ppb	N/A	N/A	N/A	N/A	N/A	N/A
SO ₂	ppb	N/A	N/A	N/A	N/A	N/A	N/A
H ₂ S	ppb	N/A	N/A	N/A	N/A	N/A	N/A
PM _{2.5}	µg/m ³	N/A	N/A	N/A	N/A	N/A	N/A

Monthly Update

* PM_{2.5} was removed from service in December 2024 for repair. Weather station was removed on July 28, 2025. System was shut down on July 31, 2025.

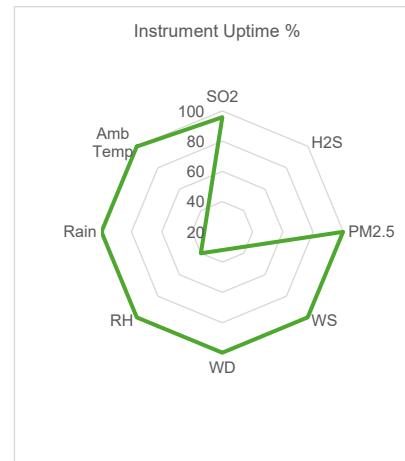
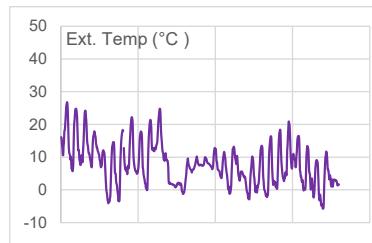
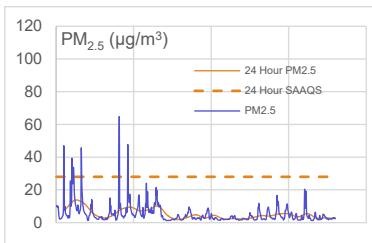
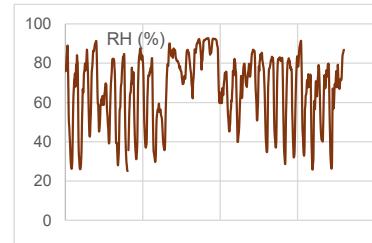
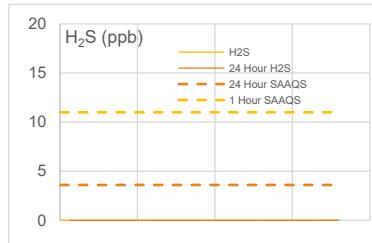
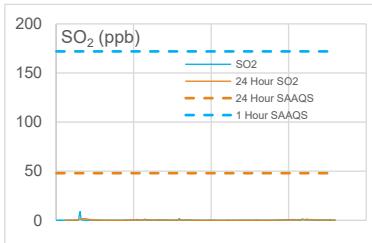
* Most recent quarterly calibrations were completed on April 22, 2025



SESAA Torquay Station - October 2025 Summary Report

Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0.2	95.8%	1.6	10/3/2025	48	0	8.9	10/3/2025 2:00 PM	172	0
H ₂ S	ppb	No Data	0.0%	0.0	-	3.6	0	No Data	0	11	0
PM _{2.5}	µg/m ³	5.1	99.9%	13.7	10/2/2025	28	0	64.8	10/7/2025 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.	SO ₂

SESAA Torquay Station - October 2025 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration 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
SO ₂	ppb	0.0-C-0.6	0.6-C-1.2	1.2-C-1.8	1.8-C-2.4	2.4-C-3.0	C > 3.0
H ₂ S	ppb	NA	NA	NA	NA	NA	NA
PM _{2.5}	ug/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 except for H₂S.

* H₂S monitor removed on July 30 due to analyzer errors.

* 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.

* Most recent quarterly calibrations were completed on July 30, 2025.



SESAA Wauchope Station - October 2025 Summary Report											
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0.5	95.8%	1.2	10/11/2025	48	0	4.2	10/11/2025 2:00 AM	172	0
H ₂ S	ppb	No Data	0.0%	0.0	NA	3.6	0	No Data	NA	11	0
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	NA	28	0	No Data	NA	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

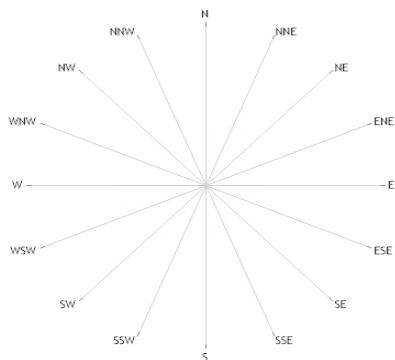


Exceedance Summary (24-Hour Average)									
24-hour Exceedance Information			Summary of other Parameters during Exceedance						
Pollutant	Date	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}	

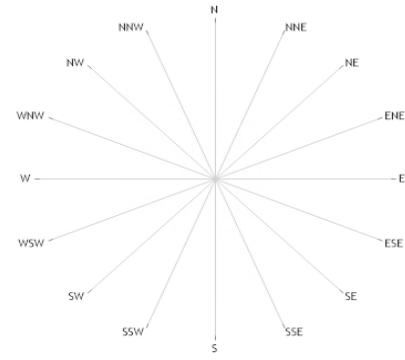
SESAW Wauchope Station - October 2025 Summary Report

Exceedance Summary (1-Hour Average)

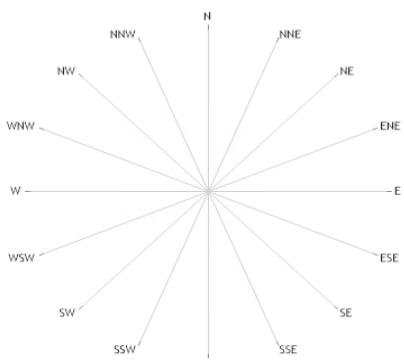
1-hour Exceedance Information			Summary of Other Parameters During Exceedance					
Pollutant	Date and Time	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}



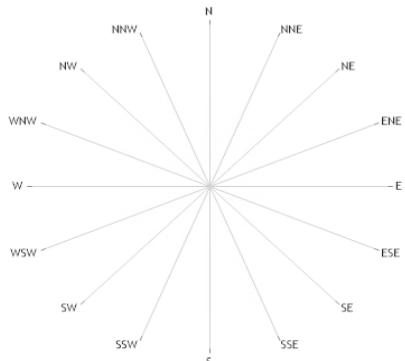
Wind Rose



Pollution Rose SO₂



Pollution Rose H₂S



Pollution Rose PM_{2.5}

Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration Class					
Wind Speed	m/s	N/A	N/A	N/A	N/A	N/A	N/A
SO ₂	ppb	N/A	N/A	N/A	N/A	N/A	N/A
H ₂ S	ppb	N/A	N/A	N/A	N/A	N/A	N/A
PM _{2.5}	µg/m ³	N/A	N/A	N/A	N/A	N/A	N/A

Monthly Update

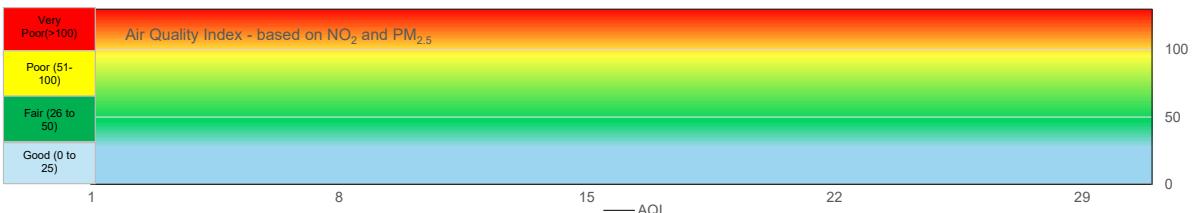
- * All data has been zero baseline corrected, if any. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were less 90% operational for the month except for SO₂.
- * A total of 744 hours of data flagged as "analyzer failure" for WS/WD
- * A total of 744 hours of data flagged as analyzer malfunctioning for H₂S.
- * A total of 744 hours of data flagged as analyzer malfunctioning for PM_{2.5}.
- * 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.
- * Most recent quarterly calibrations were completed on July 28, 2025.



SESAA Weyburn Station - October 2025 Summary Report

Pollutants		Month Records		24 Hour Records			1 Hour Records				
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	0.7	95.8%	1.3	10/21/2025	-	-	3.4	10/21/2025 8:00 AM	-	-
NO ₂	ppb	1.0	95.8%	1.9	10/15/2025	106	0	8.8	10/27/2025 6:00 PM	159	0
NO _x	ppb	1.7	95.8%	2.7	10/21/2025	-	-	10.5	10/27/2025 6:00 PM	-	-
SO ₂	ppb	1.6	95.8%	5.5	10/8/2025	48	0	18.5	10/11/2025 7:00 PM	172	0
H ₂ S	ppb	1.1	95.8%	1.7	10/22/2025	3.6	0	12.3	10/22/2025 2:00 AM	11	1
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	-	28	0	No Data	0	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



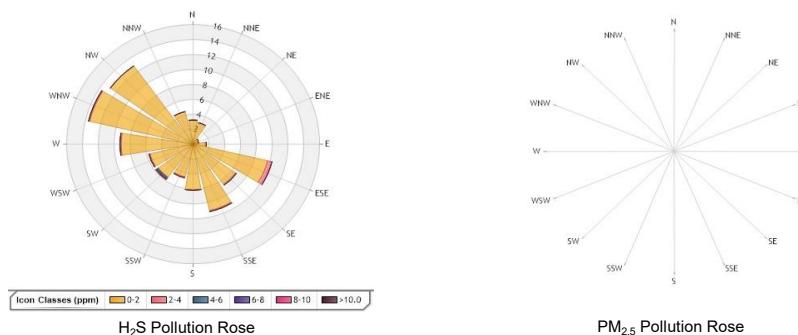
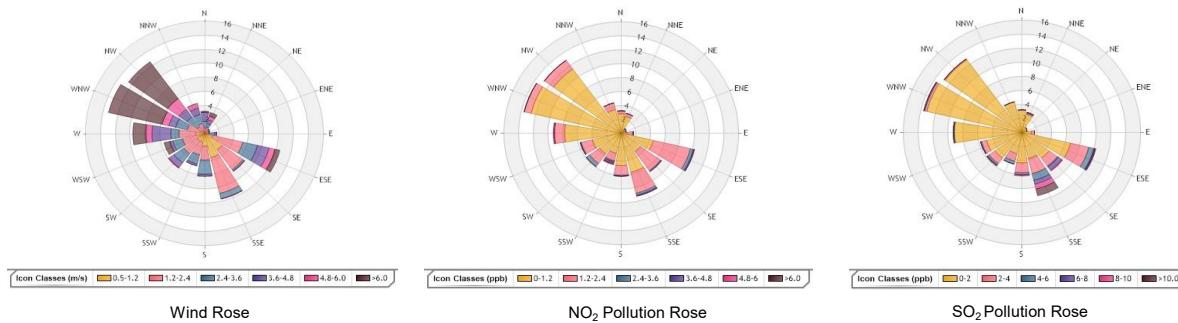
SESAA Weyburn Station - October 2025 Summary Report

Exceedance Summary (24-Hours Average)

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

Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance					
Pollutant	Date and Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	PM _{2.5}
H ₂ S	22-Oct 2:00:00 AM	12.3	2.1	234	0.0	1.2	0.5	No Data



Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration 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
SO ₂	ppb	0.0-C-2.0	2.0-C-4.0	4.0-C-6.0	6.0-C-8.0	8.0-C-10.0	C > 10.0
H ₂ S	ppb	0.0-C-2.0	2.0-C-4.0	4.0-C-6.0	6.0-C-8.0	8.0-C-10.0	C > 10.0
PM _{2.5}	µg/m ³	NA	NA	NA	NA	NA	NA

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 H₂S one-hour exceedance.
- * All compliance parameters were more than 90% operational for the month with the exception of PM_{2.5}
- * PM_{2.5} data was invalidated due to analyzer error during reporting period. The PM_{2.5} monitor was removed for repair.
- * 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.
- * The SO₂ and NO₂ permeation tube was depleted, and as a result, daily span checks were not included in the data process.
- * Most recent quarterly calibrations were completed on July 31, 2025

