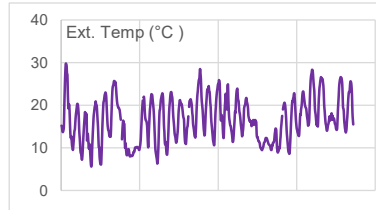
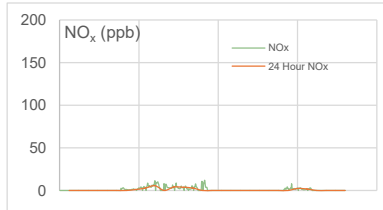
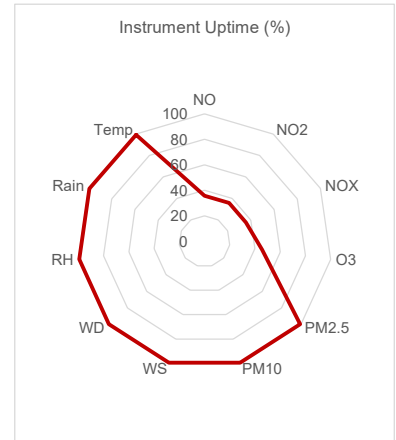
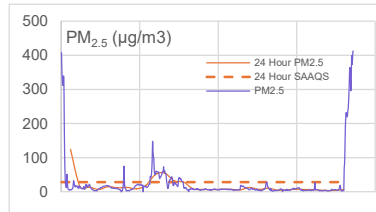
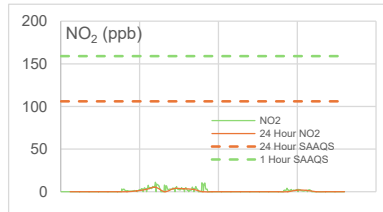
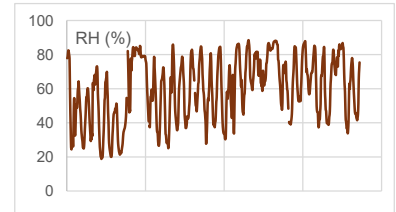
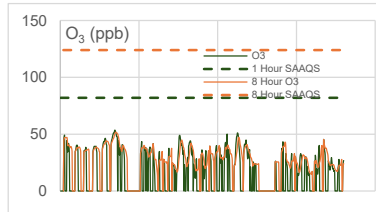
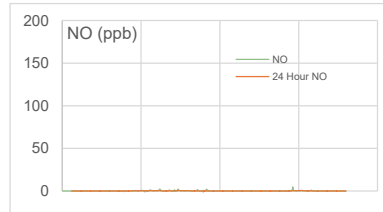
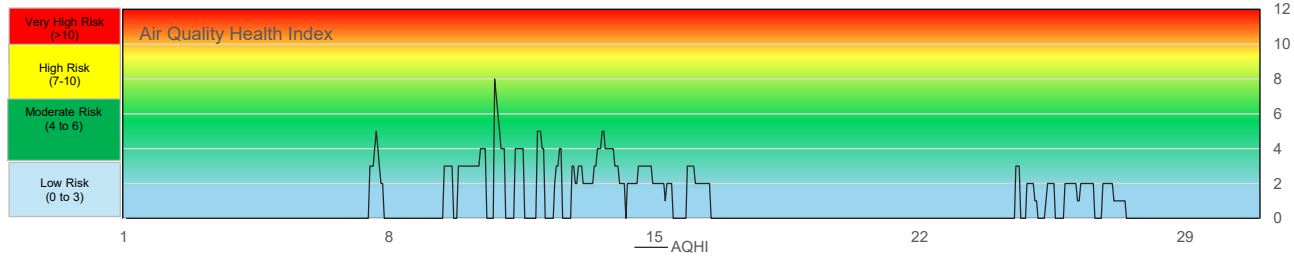


SESAA Esterhazy Station - June 2025 Summary Report

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	0.3	35.7%	0.6	6/25/2025	-	-	4.8	06/25/2025 09:00	-	-
NO ₂	ppb	3.1	35.7%	5.2	6/10/2025	106	0	11.1	06/10/2025 24:00	159	0
NO _x	ppb	3.5	35.7%	5.6	6/10/2025	-	-	12	06/16/2025 06:00	-	-
O ₃	ppb	32.3	45.6%	51.7	6/6/2025	124 (8-Hour)	0	53.6	06/06/2025 19:00	82	0
PM _{2.5}	µg/m ³	16.7	99.3%	124.2	6/1/2025	28	5	407.7	06/01/2025 01:00	-	-

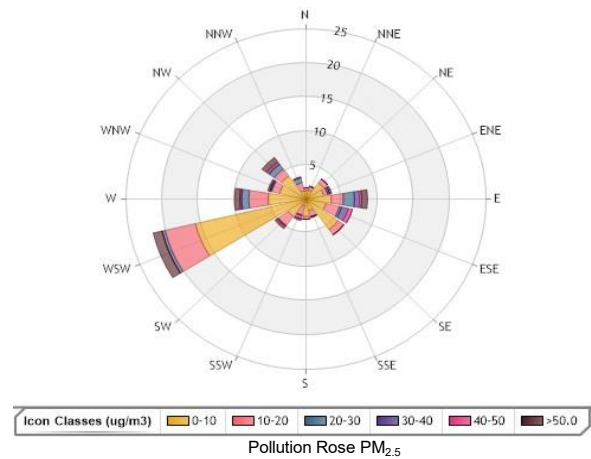
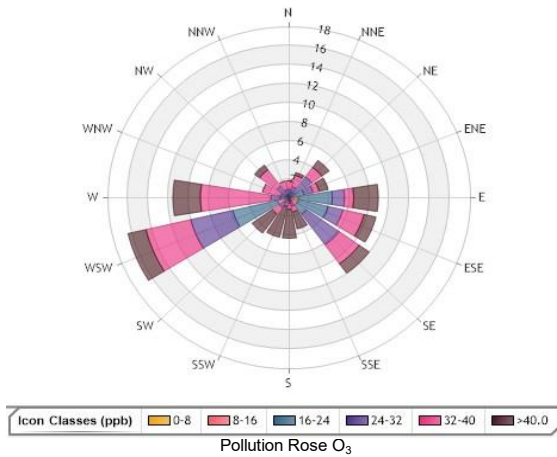
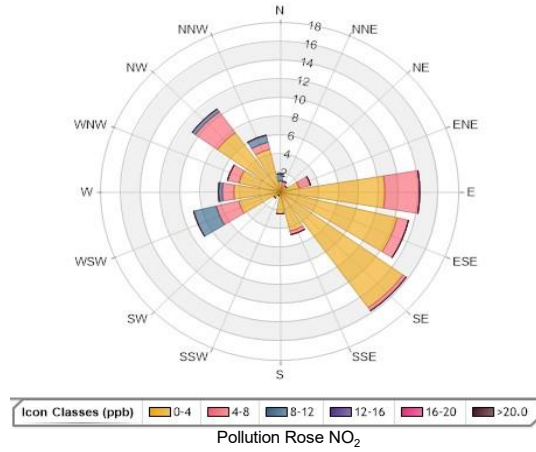
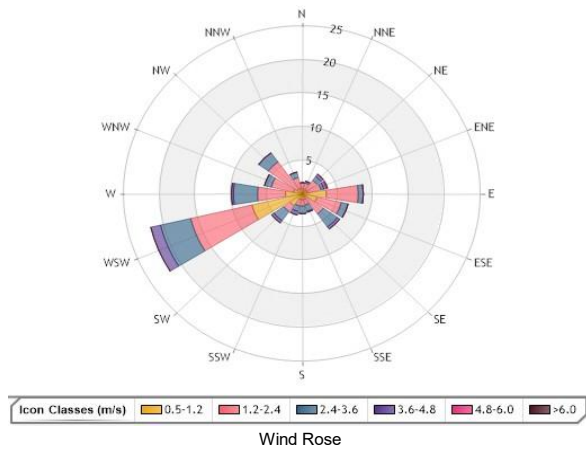
SAAQS: Saskatchewan Ambient Air Quality Standards



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}	1-Jun	124.2	1.9	202.4	0.0	<Samp	<Samp	<Samp	<Samp	124.2
PM _{2.5}	10-Jun	50.1	1.8	283.6	0.0	0.4	5.2	5.6	<Samp	50.1
PM _{2.5}	11-Jun	54.5	0.7	232.8	0.0	<Samp	<Samp	<Samp	<Samp	54.5
PM _{2.5}	12-Jun	31.5	1.44	106.9	0.00	0.31	3.74	4.07	<Samp	31.5
PM _{2.5}	13-Jun	28.2	1.81	99.9	0.00	0.38	3.41	3.79	33.04	28.2

SESAA Esterhazy Station - June 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	
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	C > 20.0	
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-10.0	10.0-C-20.0	20.0-C-30.0	30.0-C-40.0	40.0-C-50.0	C > 50.0	

* Data referenced is raw data that has not undergone the full validation process due to shelter temperature concerns for all analyzers.

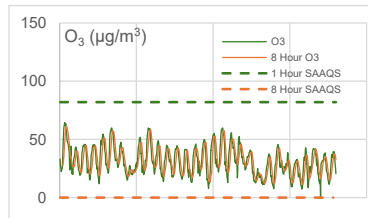
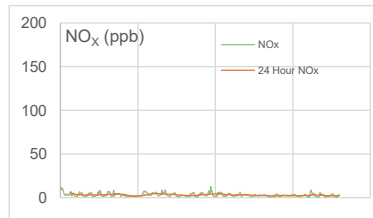
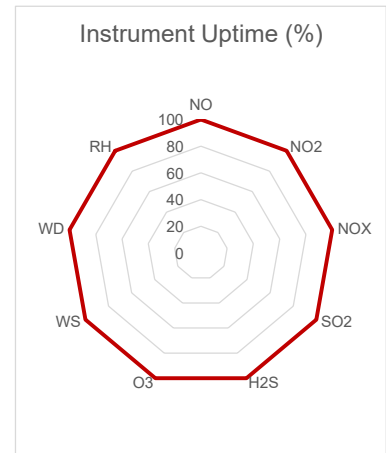
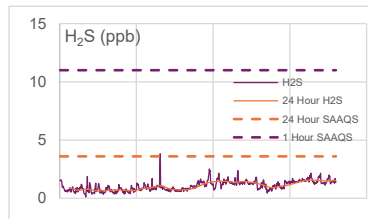
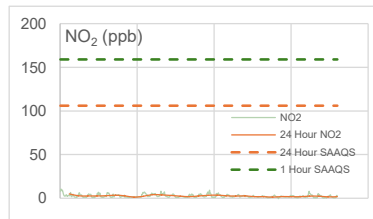
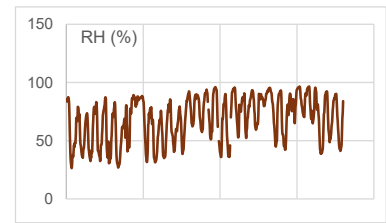
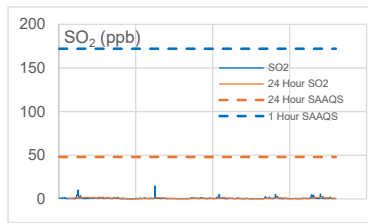
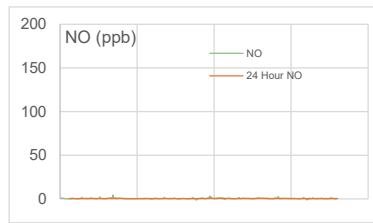
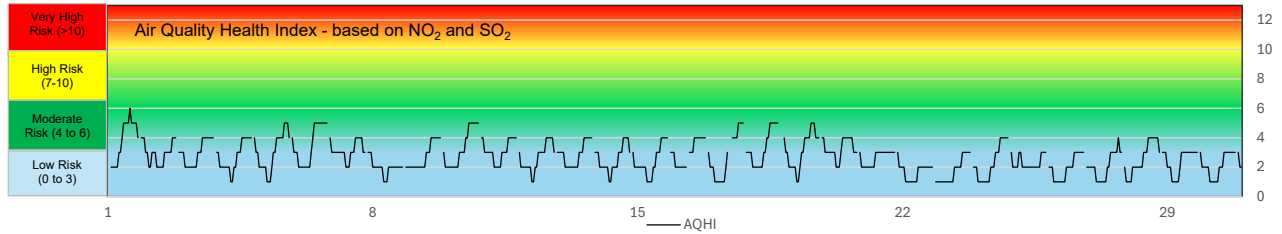
* Most recent quarterly calibrations were completed on April 26, 2025.



SESAA Glen Ewen Station - June 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	0.5	100.0%	0.83	6/6/2025	-	-	0.8	06/06/2025 24:00	-	-
NO ₂	ppb	2.6	100.0%	5.03	6/1/2025	106	0	5	06/01/2025 24:00	159	0
NO _x	ppb	3.1	100.0%	5.52	6/1/2025	-	-	5.5	06/01/2025 24:00	-	-
SO ₂	ppb	0.8	100.0%	1.73	6/3/2025	48	0	1.7	06/03/2025 24:00	172	0
H ₂ S	ppb	1.1	100.0%	1.55	6/27/2025	3.6	0	1.6	06/27/2025 24:00	11	0
O ₃	ppb	31.3	100.0%	61.36	6/1/2025	124 (8 hours)	0	45.2	06/01/2025 24:00	82	0

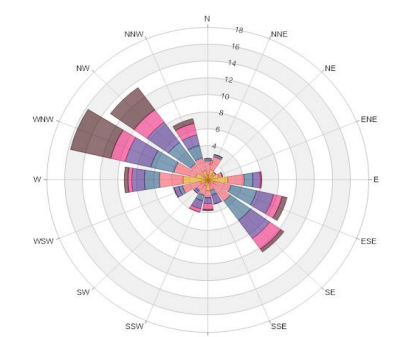
SAAQS: Saskatchewan Ambient Air Quality Standards



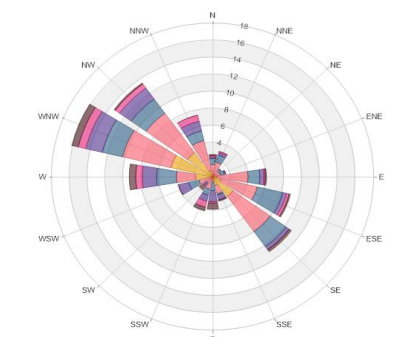
SESAA Glen Ewen Station - June 2025 Summary Report

Exceedance Summary

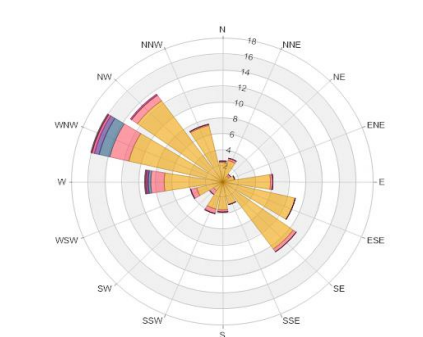
24-hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	O ₃



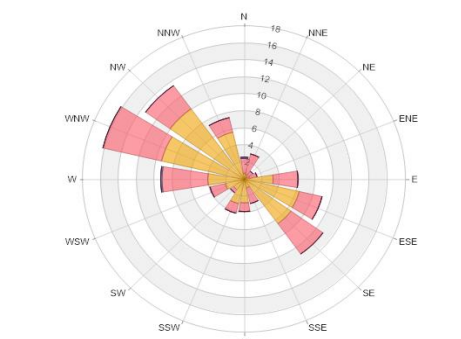
Wind Rose



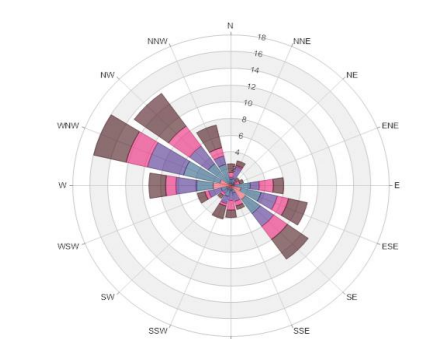
NO₂ Pollution Rose



SO₂ Pollution Rose



H₂S Pollution Rose



O₃ Pollution Rose

Parameters	Unit	Color Code for Wind Speed and Pollutant Conc. Class						
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- 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	
H ₂ S	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	

Monthly Update

* Data referenced is raw data that has not undergone the full validation process due to internal span and zero inconsistencies for all analyzers.

* Modem reinstalled on May 17, 2025.

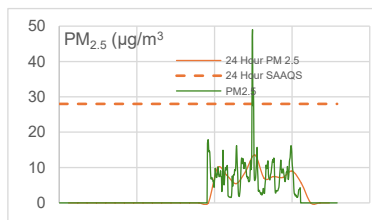
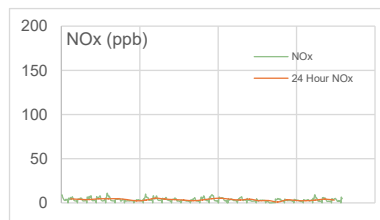
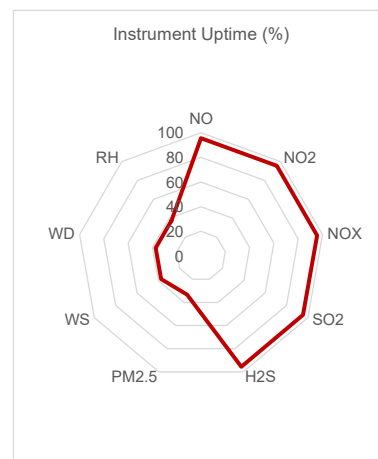
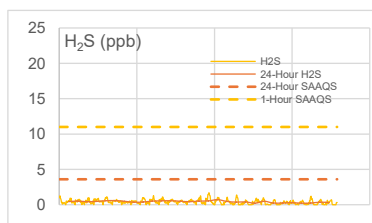
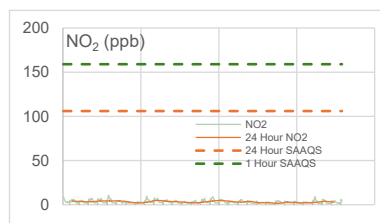
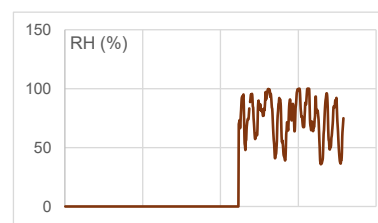
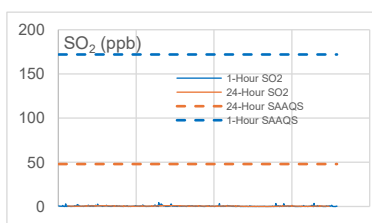
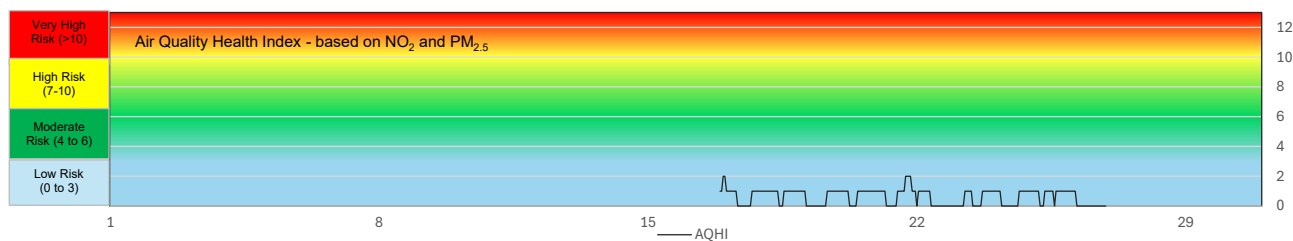
* The station is scheduled to undergo a full multipoint calibration during the week of July 28, 2025.



SESAA Oxbow Station - June 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	0.4	95.6%	0.6	6/17/2025	-	-	2.2	6/17/2025 8:00 AM	-	-
NO ₂	ppb	3.3	95.6%	4.9	6/10/2025	106	0	10.7	6/6/2025 1:00 AM	159	0
NO _x	ppb	3.6	95.6%	5.3	6/10/2025	-	-	11	6/6/2025 1:00 AM	-	-
SO ₂	ppb	0.4	95.6%	0.9	6/12/2025	48	0	4.4	6/11/2025 10:00 PM	172	0
H ₂ S	ppb	0.4	95.6%	0.7	6/17/2025	3.6	0	1.7	6/17/2025 6:00 AM	11	0
PM _{2.5}	µg/m ³	8.4	33.3%	13.5	6/21/2025	28	0	66.4	6/11/2025 1:00 AM	-	-

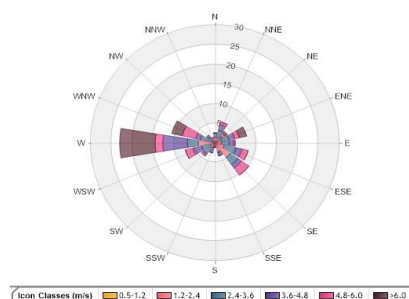
SAAQS: Saskatchewan Ambient Air Quality Standards



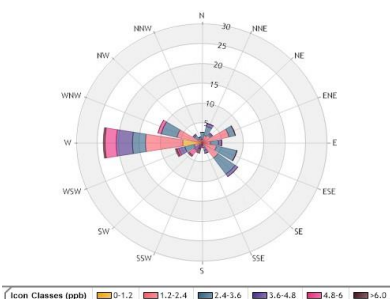
SESAA Oxbow Station - June 2025 Summary Report

Exceedance Summary

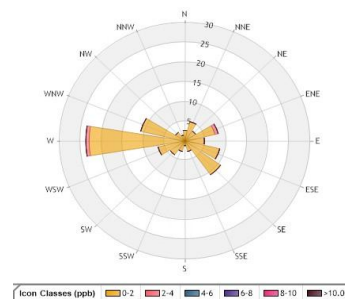
Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	PM _{2.5}



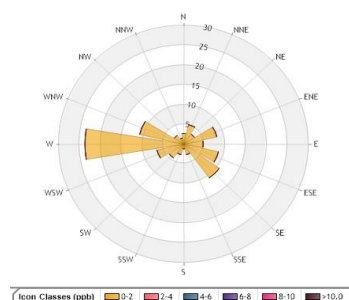
Wind Rose



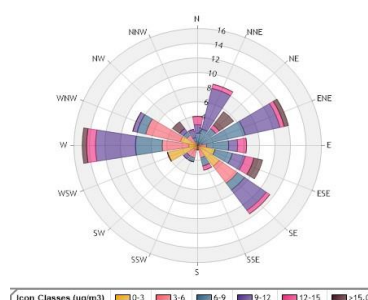
NO₂ Pollution Rose



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	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

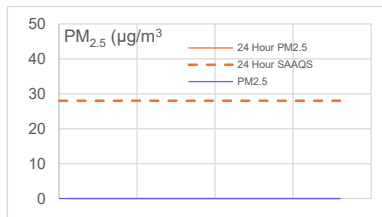
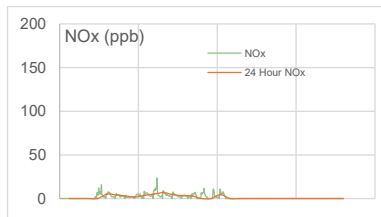
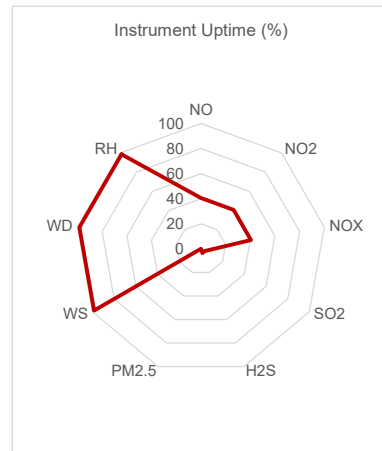
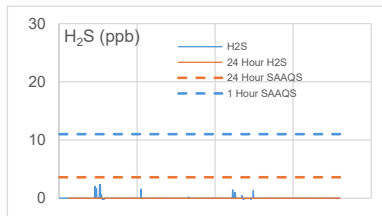
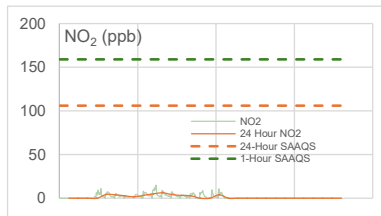
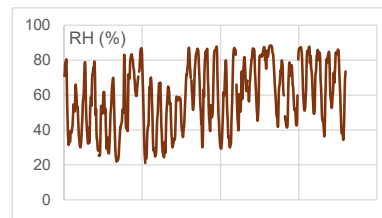
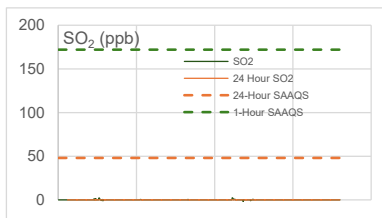
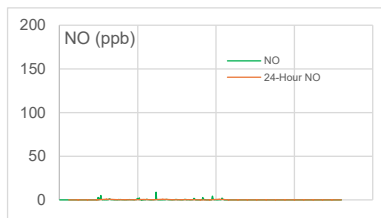
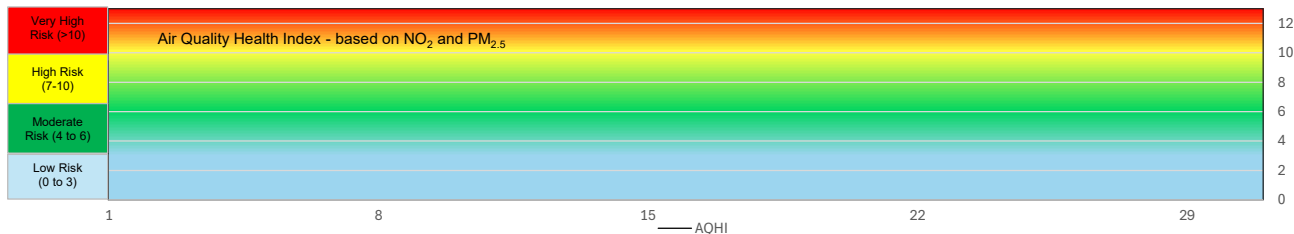
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were more than 90% operational for the month, except for PM_{2.5}.
- * A total of 451 hours of wind speed (WS) and wind direction (WD) data were flagged as "analyzer failure," resulting in missing data. The sensor was reinstalled on June 19, 2025.
- * A total of 480 hours of PM_{2.5} data intermittent throughout the month were flagged as "analyzer malfunction," resulting in missing and flatlined 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.
- * Most recent quarterly calibrations were completed on April 23, 2025.



SESAA Stoughton Station - June 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	0.4	40.6%	0.7	6/5/2025	-	-	8.8	06/11/2025 07:00	-	-
NO ₂	ppb	3.9	40.6%	6.2	6/11/2025	106	0	14.9	06/11/2025 07:00	159	0
NO _x	ppb	4.2	40.6%	6.8	6/11/2025	-	-	23.6	06/11/2025 07:00	-	-
SO ₂	ppb	0.6	3.6%	0.0	-	48	0	2.4	06/19/2025 13:00	172	0
H ₂ S	ppb	0.6	3.6%	0.0	-	3.6	0	2.3	06/05/2025 10:00	11	0
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	-	28	0	No Data	-	-	-

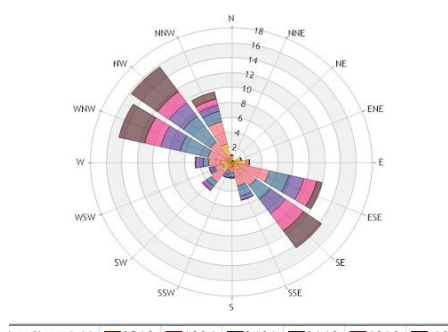
SAAQS: Saskatchewan Ambient Air Quality Standards



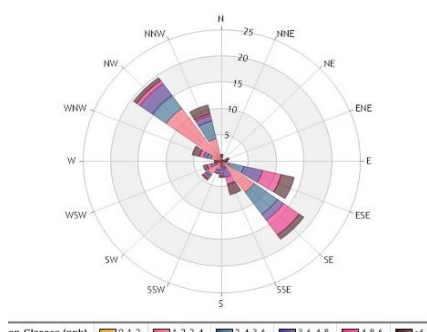
SESAA Stoughton Station - June 2025 Summary Report

Exceedance Summary

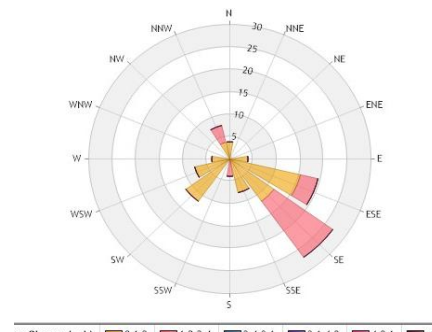
Exceedance Summary			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	PM _{2.5}



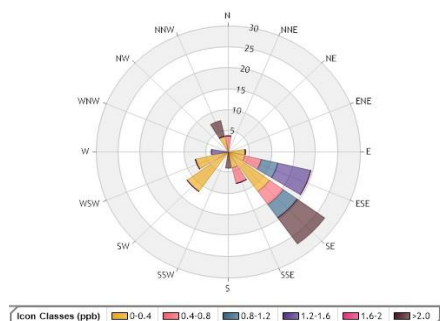
Wind Rose



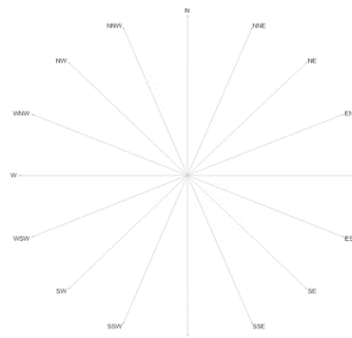
NO₂ Pollution Rose



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	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- 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	
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	N/A	N/A	N/A	N/A	N/A	N/A	

Monthly Update

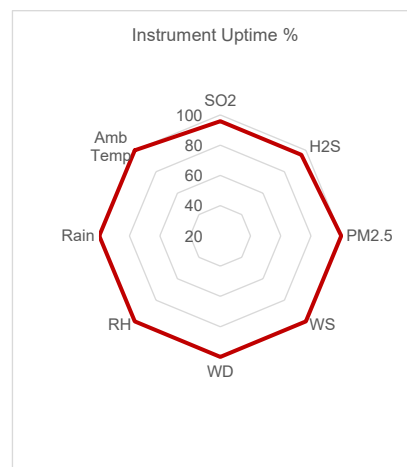
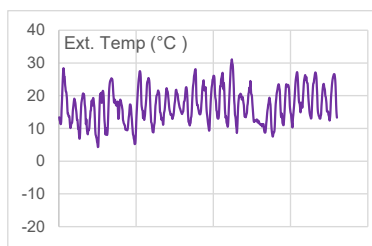
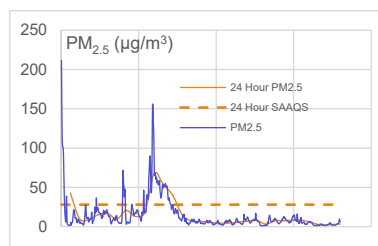
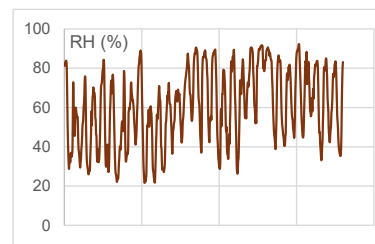
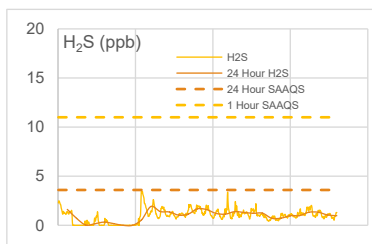
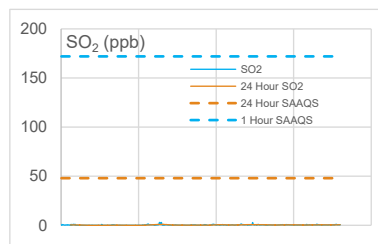
- * Data referenced is raw data that has not undergone the validation process due to internal span and zero inconsistencies as well as Intermittent shelter temperature fluctuations were observed in the shelter during the reporting period which affect the data integrity for all analyzers.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were less than 90% operational for the month.
- * PM_{2.5} was removed from service in December 2024 for repair.
- * Most recent quarterly calibrations were completed on April 22, 2025



SESAA Torquay Station - June 2025 Summary Report

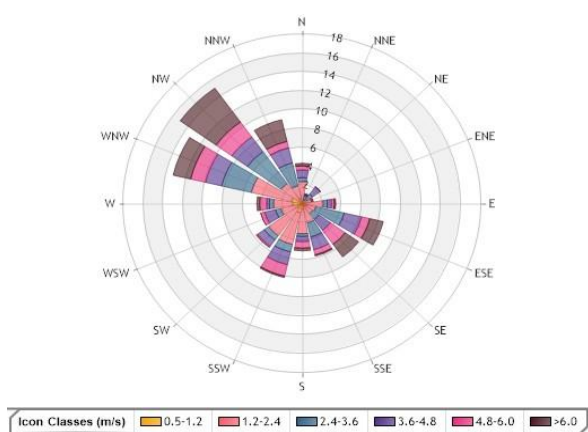
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0.3	95.8%	0.9	6/11/2025	48	0	3	6/11/2025 2:00 PM	172	0
H ₂ S	ppb	1.0	95.8%	1.9	6/10/2025	3.6	0	3.4	6/9/2025 11:00 PM	11	0
PM _{2.5}	µg/m ³	14.2	100.0%	67.5	6/10/2025	28	4	211.4	6/1/2025 1:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

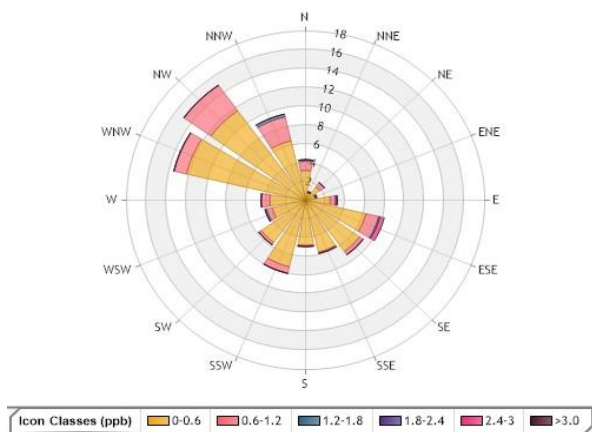


Exceedance Summary									
24-hour Exceedance Information				Summary of other Parameters during Exceedance					
Pollutant	Date	Conc.		WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
PM _{2.5}	1-Jun	42.7		4.6	264.6	0.0	0.4	1.6	42.7
PM _{2.5}	9-Jun	17.4		2.6	266.8	0.0	0.1	0.6	17.4
PM _{2.5}	10-Jun	67.5		4.1	287.6	0.0	0.7	1.9	67.5
PM _{2.5}	11-Jun	53.6		1.9	124.4	0.0	0.9	1.4	53.6

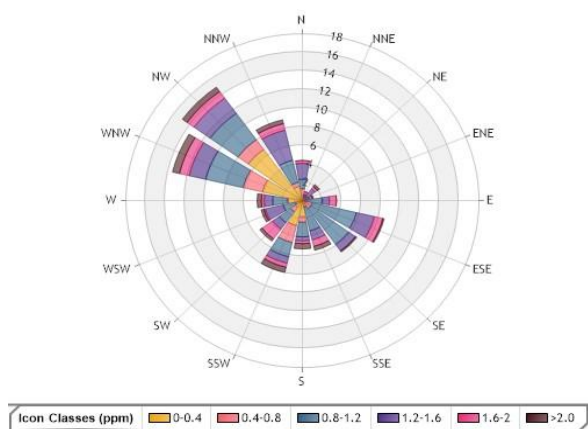
SESAA Torquay Station - June 2025 Summary Report



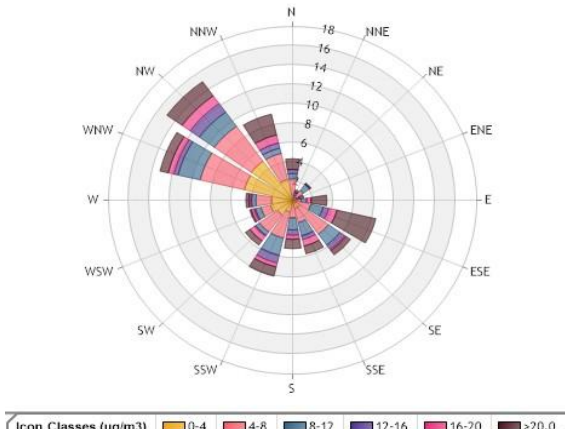
Wind Rose



Pollution Rose SO₂



Pollution Rose H₂S



Pollution Rose PM_{2.5}

Parameters	Unit	Color Code for Wind Speed and Pollutant 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	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}	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

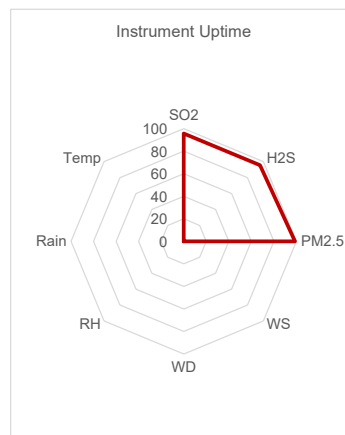
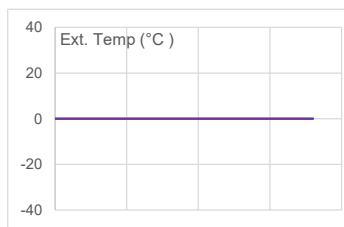
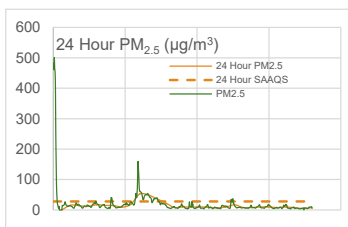
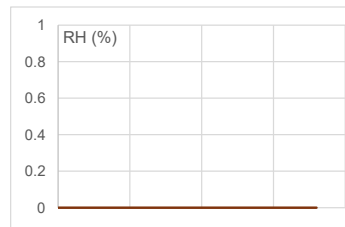
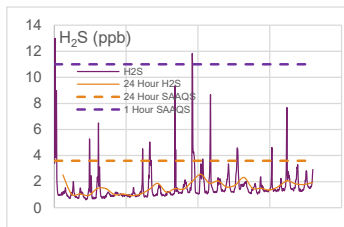
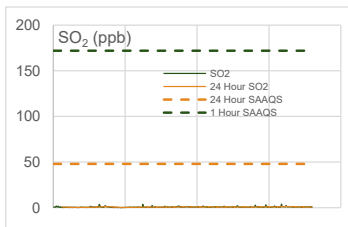
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards except for four, 24-hour PM_{2.5} exceedances due to smoke from regional wildfires.
- * All compliance 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.
- * Most recent quarterly calibrations were completed on April 24, 2025.



SESAA Wauchope Station - June 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	0.7	95.7%	1.3	6/27/2025	48	0	3.9	6/27/2025 11:00 AM	172	0
H ₂ S	ppb	1.6	95.7%	2.6	6/17/2025	3.6	0	12.99	6/1/2025 2:00 AM	11	3
PM _{2.5}	µg/m ³	19.3	98.8%	52.2	6/10/2025	28	3	500.6	6/1/2025 3:00 AM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



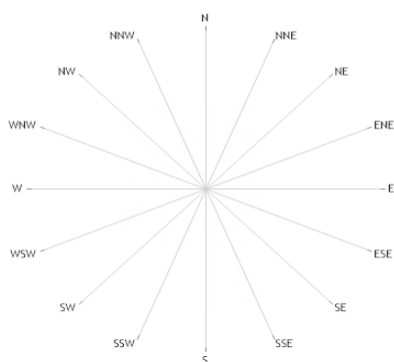
Exceedance Summary (24-Hour Average)

24-hour Exceedance Information			Summary of other Parameters during Exceedance					
Pollutant	Date	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
PM _{2.5}	10-Jun	52.2	<Samp	<Samp	<Samp	0.5	1.0	52.2
PM _{2.5}	11-Jun	49.4	<Samp	<Samp	<Samp	0.7	1.4	49.4
PM _{2.5}	12-Jun	37.0	<Samp	<Samp	<Samp	0.6	1.9	37.0

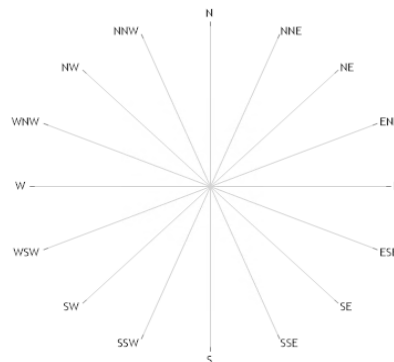
SESAA Wauchope Station - June 2025 Summary Report

Exceedance Summary (1-Hour Average)

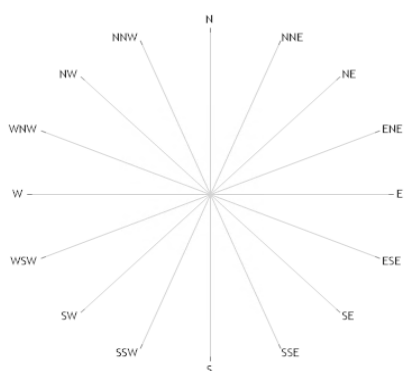
1-hour Exceedance Information				Summary of Other Parameters During Exceedance					
Pollutant	Date	Time	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
H ₂ S	1-Jun	2:00 AM	13.0	<Samp	<Samp	<Samp	0.6	13.0	461.2
H ₂ S	17-Jun	12:00 AM	11.8	<Samp	<Samp	<Samp	0.6	11.8	10.0
H ₂ S	17-Jun	1:00 AM	11.1	<Samp	<Samp	<Samp	0.5	11.1	11.6



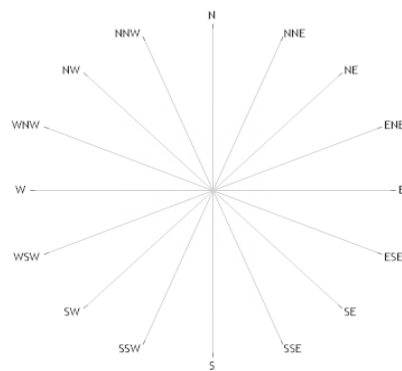
Wind Rose



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	N/A
SO ₂	ppb	N/A	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	N/A
PM _{2.5}	µg/m ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Monthly Update

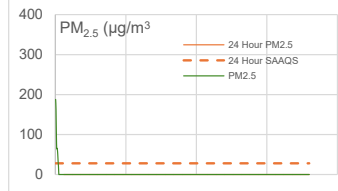
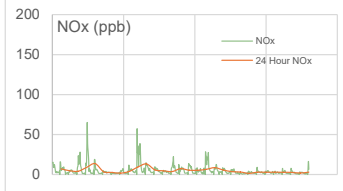
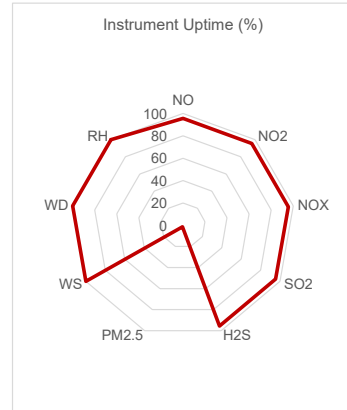
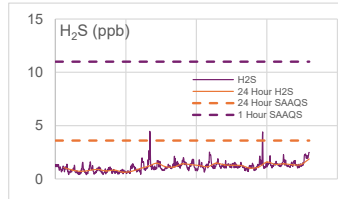
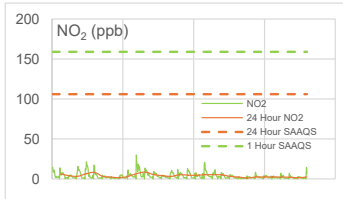
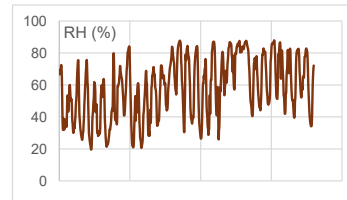
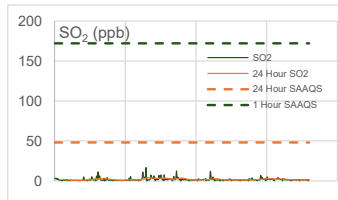
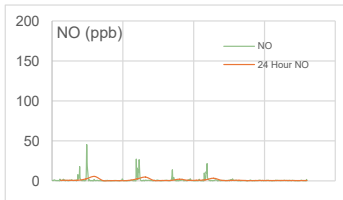
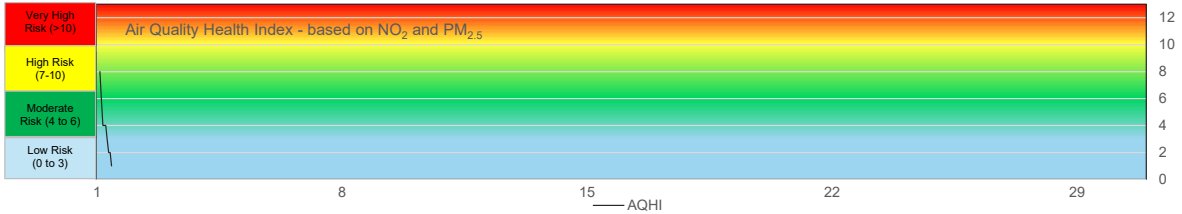
- * All data has been zero baseline corrected, if any. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards with the exception of three, one-hour H₂S exceedances and three 24-hour PM_{2.5} exceedances due to smoke from regional wildfires.
- * All compliance parameters were more than 90% operational for the month.
- * A total of 720 hours of data flagged as "analyzer failure" for WS/WD
- * 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 April 22, 2025.



SESAA Weyburn Station - June 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	1.1	95.6%	5.6	6/5/2025	-	-	45.4	06/05/2025 02:00	-	-
NO ₂	ppb	4.0	95.6%	8.5	6/11/2025	106	0	30.0	06/10/2025 22:00	159	0
NO _x	ppb	5.1	95.6%	13.7	6/5/2025	-	-	65.1	06/05/2025 02:00	-	-
SO ₂	ppb	1.8	95.6%	3.9	6/11/2025	48	0	16.6	06/11/2025 19:00	172	0
H ₂ S	ppb	1.2	95.6%	1.9	6/30/2025	3.6	0	4.5	06/12/2025 04:00	11	0
PM _{2.5}	µg/m ³	82.8	1.3%	0.0	-	28	0	187.9	06/01/2025 01:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



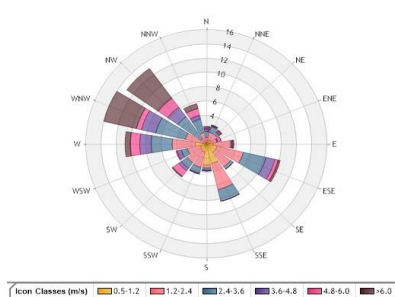
SESAA Weyburn Station - June 2025 Summary Report

Exceedance Summary (24-Hours Average)

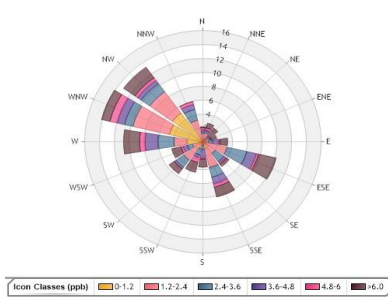
24-hours Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NOx	SO ₂	PM _{2.5}

Exceedance Summary (1-Hour Average)

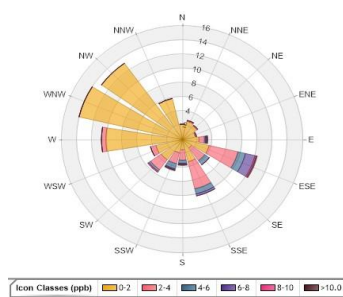
1-hour Exceedance Information				Summary of Other Parameters During Exceedance					
Pollutant	Date	Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	PM _{2.5}



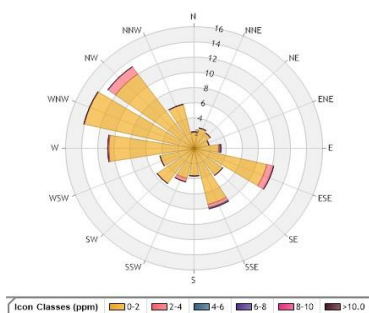
Wind Rose



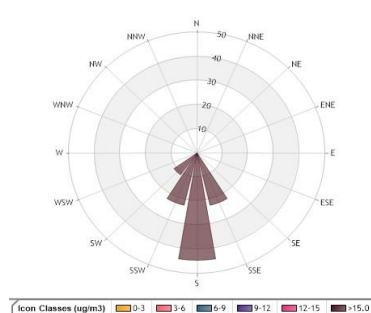
NO₂ Pollution Rose



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	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 Standard.
- * All compliance parameters were more than 90% operational for the month with the exception of PM_{2.5}.
- * 712 hours of PM_{2.5} data was invalidated due to analyzer error. 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 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 April 25, 2025.

