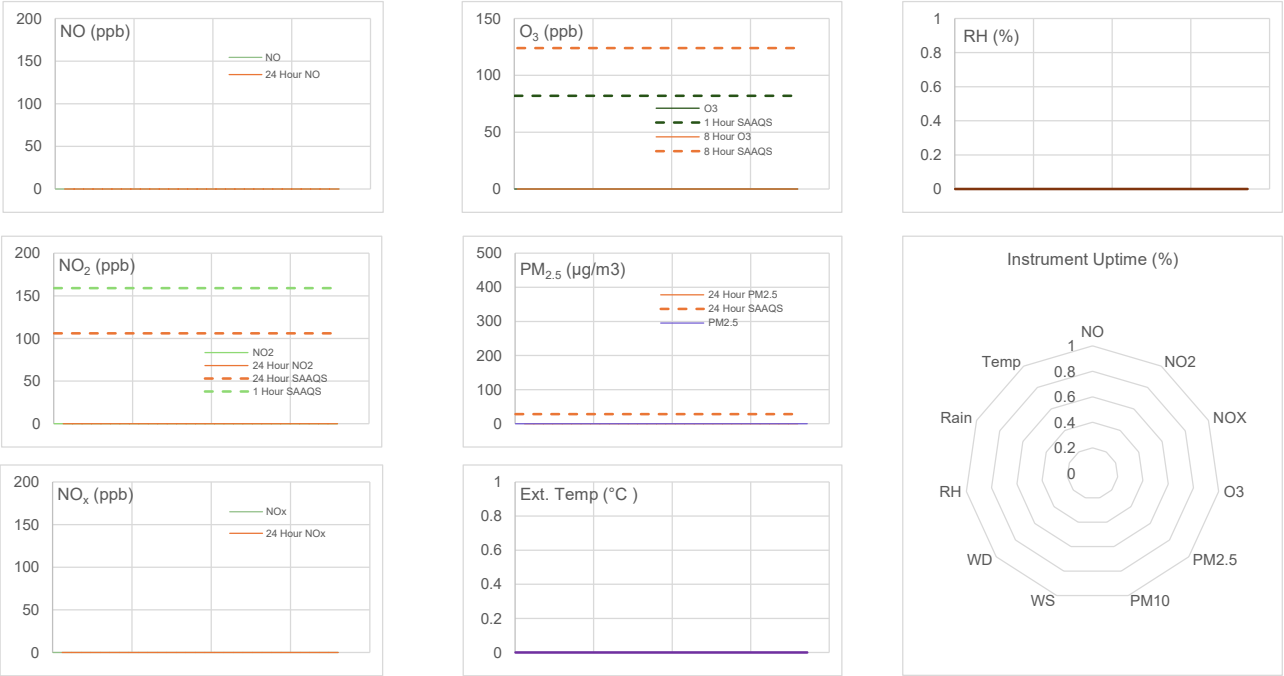
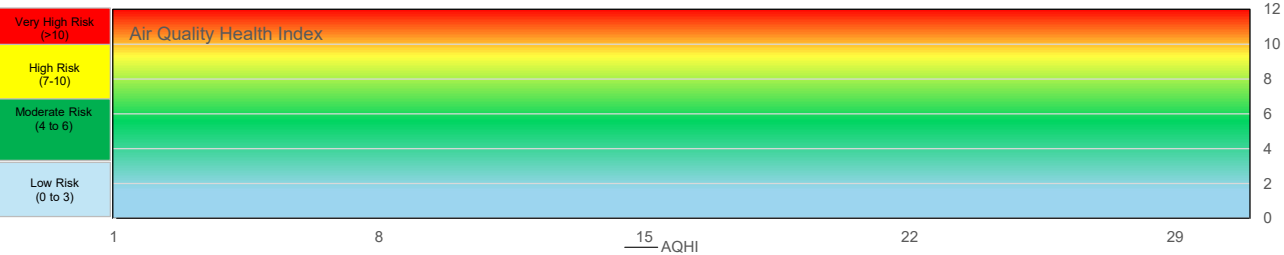


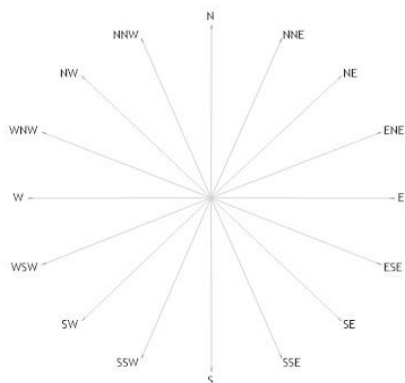
SESAA Esterhazy Station - August 2025 Summary Report											
Pollutant		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Concentration	Date and Time		
NO	ppb	No Data	0.0%	0.0	-	-	-	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

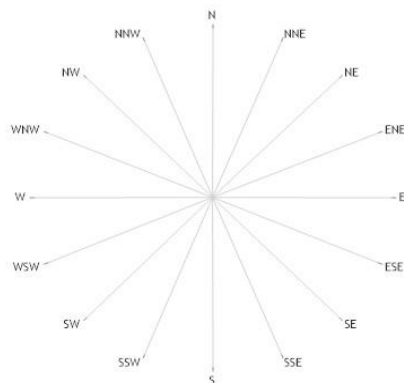


Exceedance Summary									
24-hour Exceedance Information			Summary of other Parameters during Exceedance						
Pollutant	Date	Conc.	WS	WD	Precip.	NO	NO ₂	NO _x	PM _{2.5}

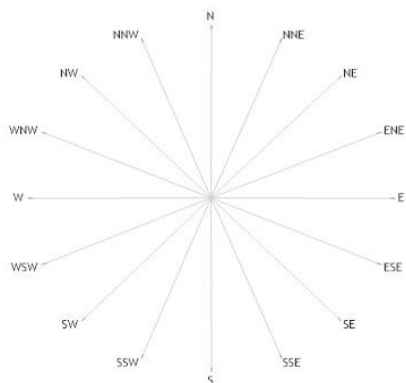
SESAA Esterhazy Station - August 2025 Summary Report



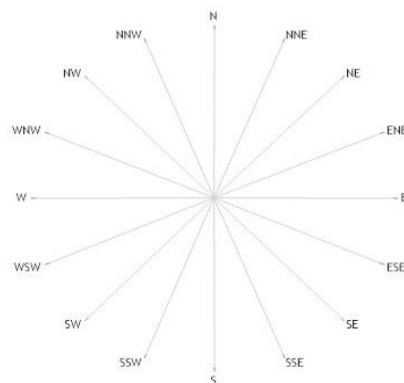
Wind Rose



Pollution Rose NO₂



Pollution Rose O₃



Pollution Rose PM_{2.5}

Parameters	Unit	Color Code for Wind Speed and Pollutant Concentration Class						
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	

* System was shut down on July 5, 2025.

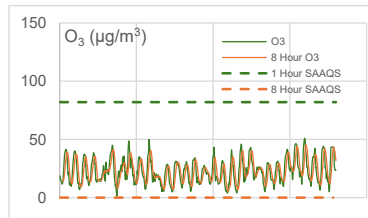
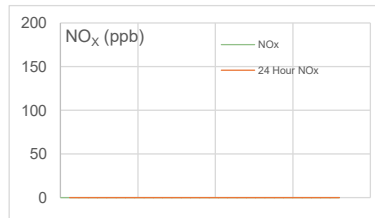
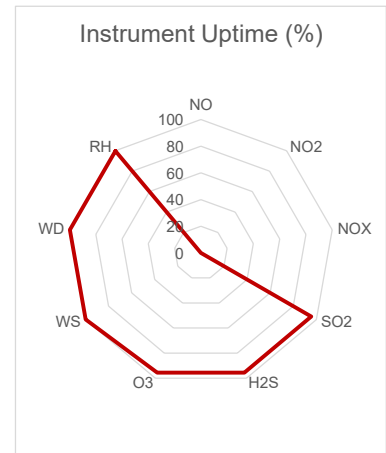
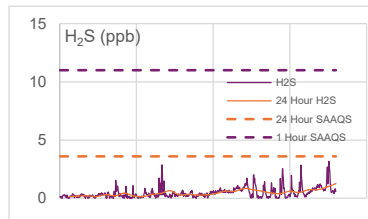
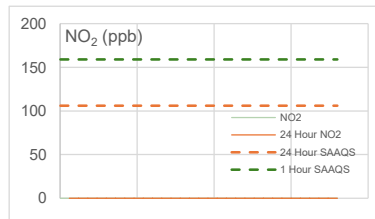
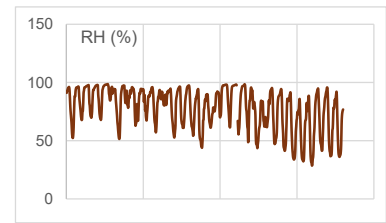
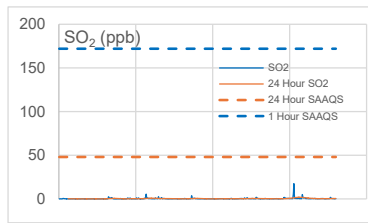
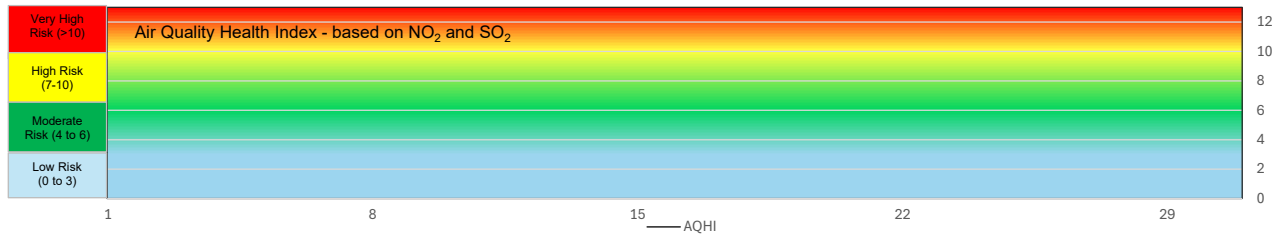
* Most recent quarterly calibrations were completed on April 26, 2025.



SESAA Glen Ewen Station - August 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%	0.00	-	-	-	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	0.4	95.6%	1.97	8/26/2025	48	0	17.5	8/26/2025 11:00 AM	172	0
H ₂ S	ppb	0.5	95.6%	1.27	8/30/2025	3.6	0	3.2	8/30/2025 6:00 AM	11	0
O ₃	ppb	23.1	95.6%	45.29	8/27/2025	124 (8 hours)	0	50.9	8/27/2025 2:00 PM	82	0

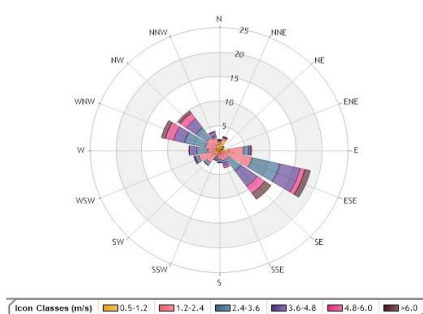
SAAQS: Saskatchewan Ambient Air Quality Standards



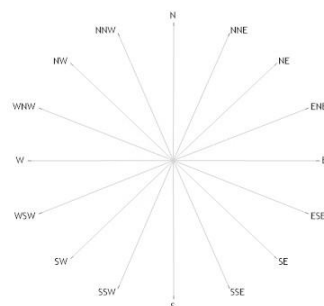
SESAA Glen Ewen Station - August 2025 Summary Report

Exceedance Summary

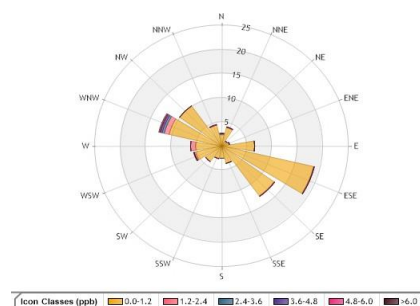
24-hour Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NOx	SO ₂	O ₃



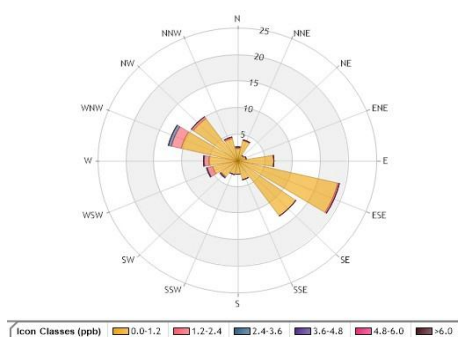
Wind Rose



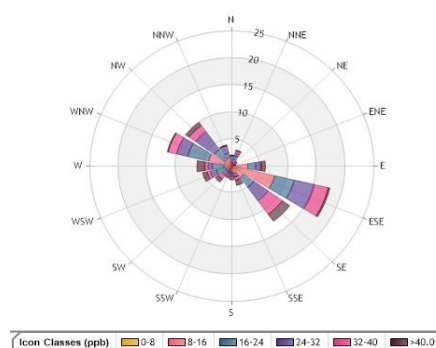
NO₂ Pollution Rose



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

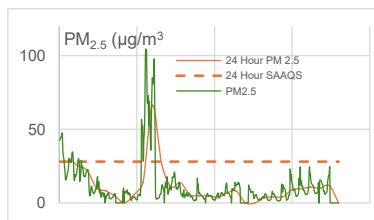
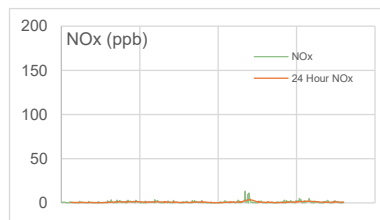
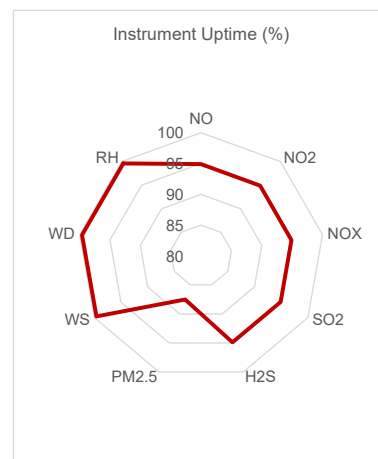
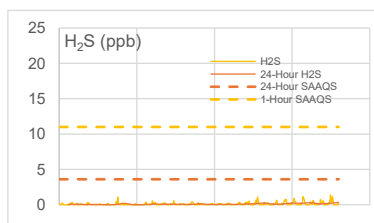
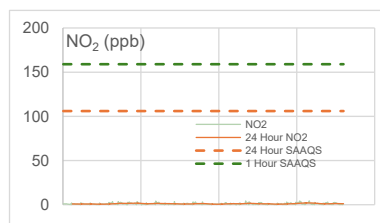
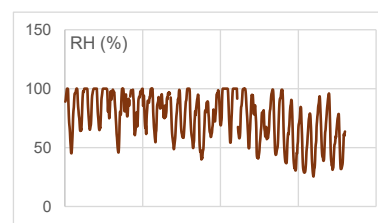
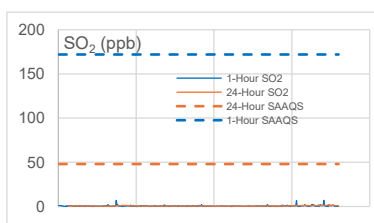
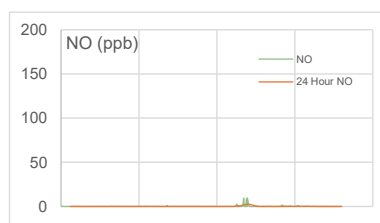
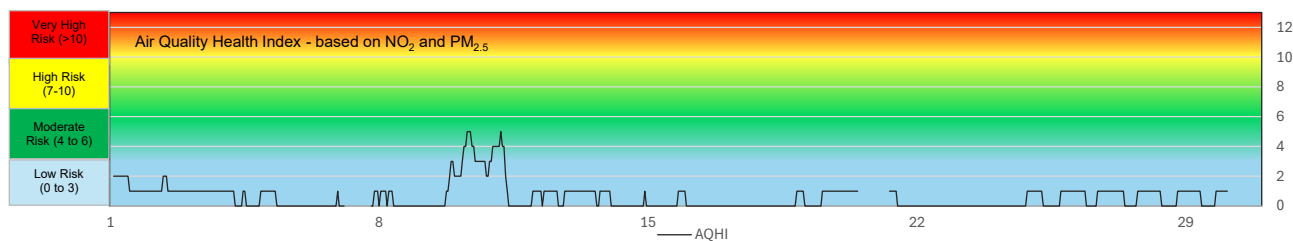
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- * All compliance parameters were greater than 90% operational for the month except for the NOx analyzer
- * A total of 744 hours of NOx data has been flagged due to an analyzer error, which is currently under investigation.
- * 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 - August 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	0.1	94.9%	2.5	8/20/2025	-	-	9.6	8/20/2025 10:00 PM	-	-
NO ₂	ppb	1.1	94.9%	2.0	8/26/2025	106	0	4.4	8/27/2025 8:00 AM	159	0
NO _x	ppb	0.9	94.9%	3.5	8/20/2025	-	-	13.3	8/20/2025 1:00 PM	-	-
SO ₂	ppb	0.6	94.9%	1.4	8/29/2025	48	0	7	8/7/2025 5:00 AM	172	0
H ₂ S	ppb	0.1	94.9%	0.3	8/30/2025	3.6	0	1.4	8/30/2025 3:00 AM	11	0
PM _{2.5}	µg/m ³	12.7	87.5%	66.3	8/10/2025	28	2	104.5	8/10/2025 7:00 AM	-	-

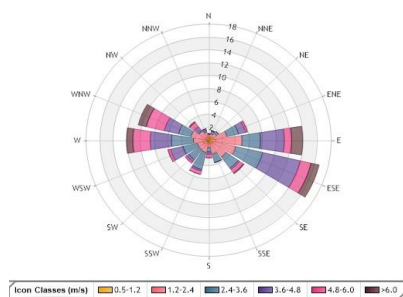
SAAQS: Saskatchewan Ambient Air Quality Standards



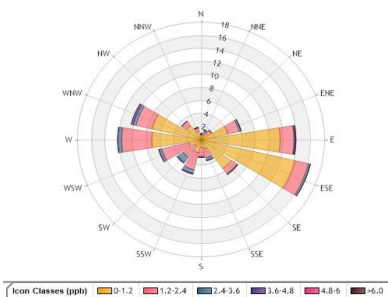
SESAA Oxbow Station - August 2025 Summary Report

Exceedance Summary

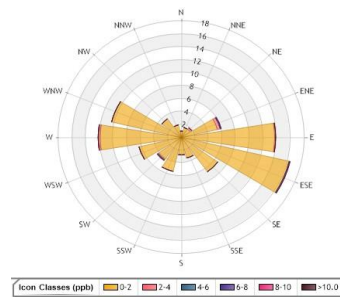
Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	PM _{2.5}
PM _{2.5}	1-Aug	30.6	3.9	117.4	0.0	0.0	0.8	0.5	0.6	30.6
PM _{2.5}	10-Aug	66.3	3.7	252.9	0.1	0.0	1.5	1.2	0.5	66.3



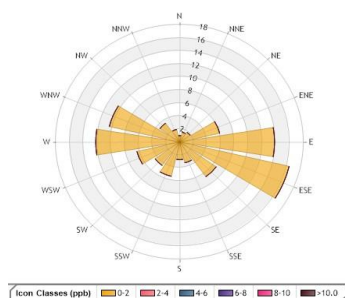
Wind Rose



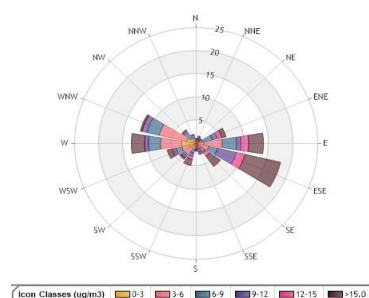
NO₂ Pollution Rose



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

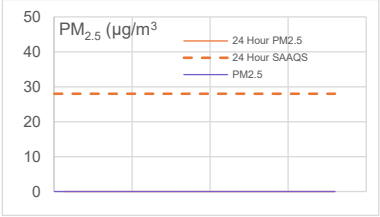
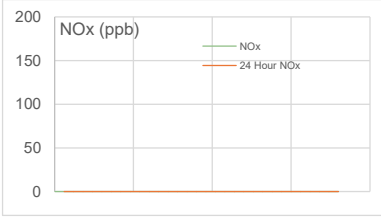
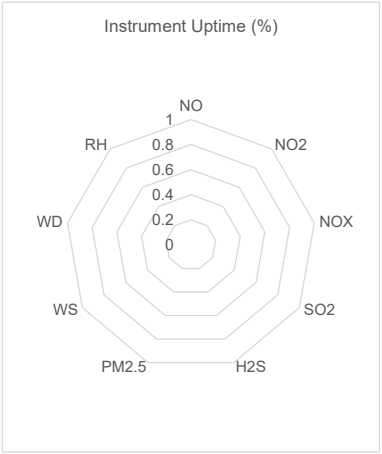
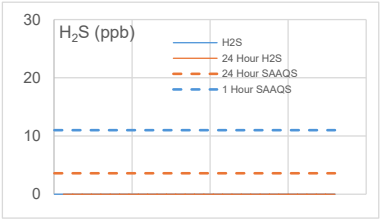
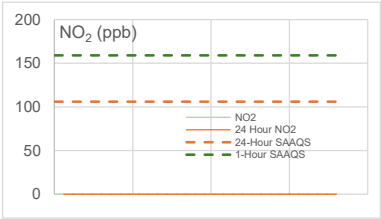
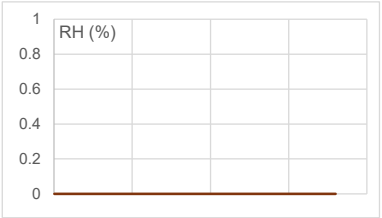
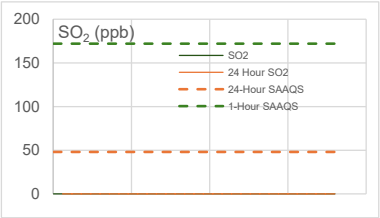
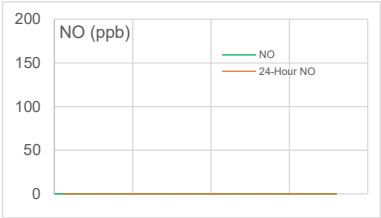
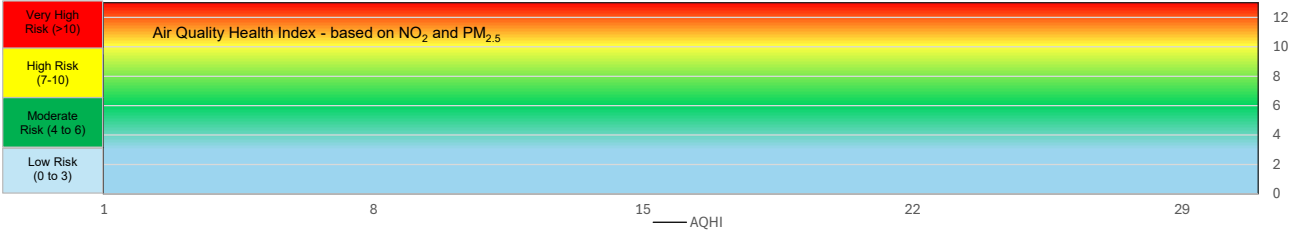
Monthly Update

- * 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 except for two 24-hour PM_{2.5} exceedances.
- * All compliance parameters were more than 90% operational for the month, except for PM_{2.5}.
- * A total of 90 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.
- * Quarterly calibrations were completed on July 29, 2025.



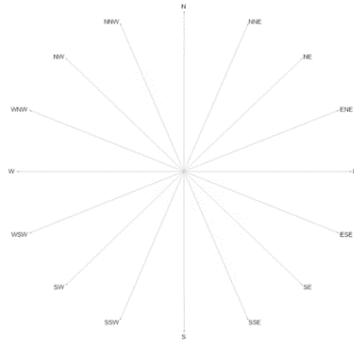
SESAA Stoughton Station - August 2025 Summary Report											
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
NO	ppb	No Data	0.0%	0.0	-	-	-	No Data	-	-	-
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

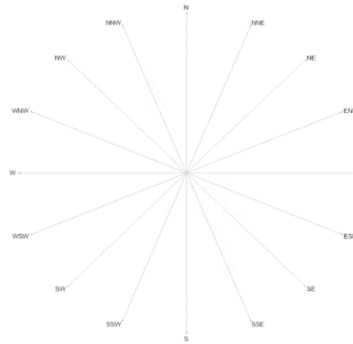


SESAA Stoughton Station - August 2025 Summary Report

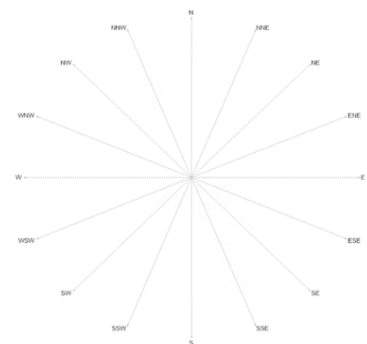
Exceedance Summary										
Exceedance Summary			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NO _x	SO ₂	PM _{2.5}



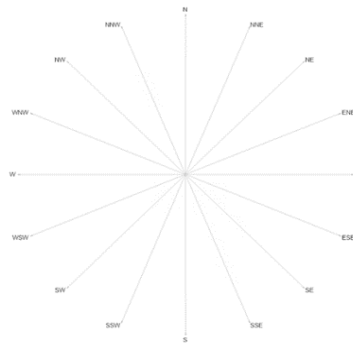
Wind Rose



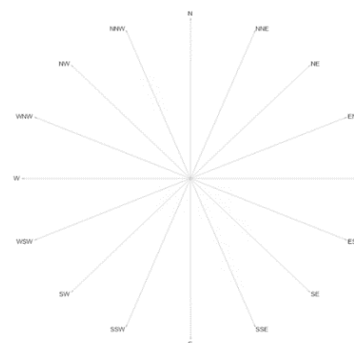
NO₂ Pollution Rose



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

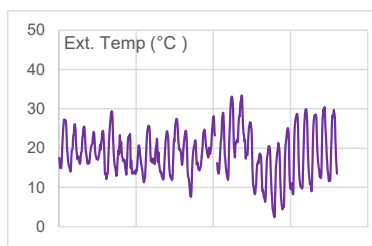
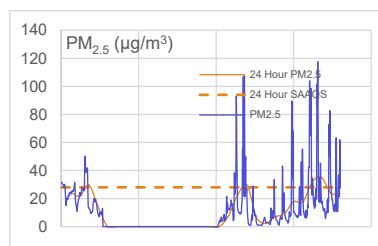
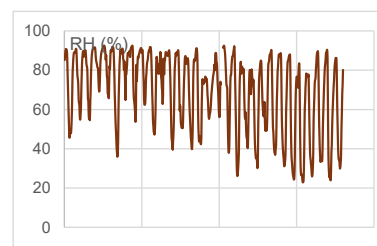
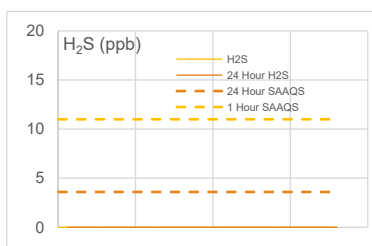
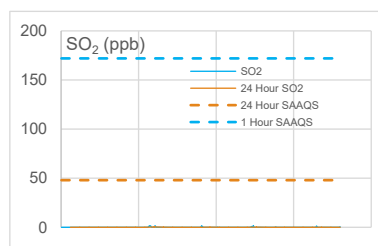
* PM_{2.5} was removed from service in December 2024 for repair. Weather station was removed on July 28, 2025. System was shut down on July 31, 2025.
 * Most recent quarterly calibrations were completed on April 22, 2025



SESAA Torquay Station - August 2025 Summary Report

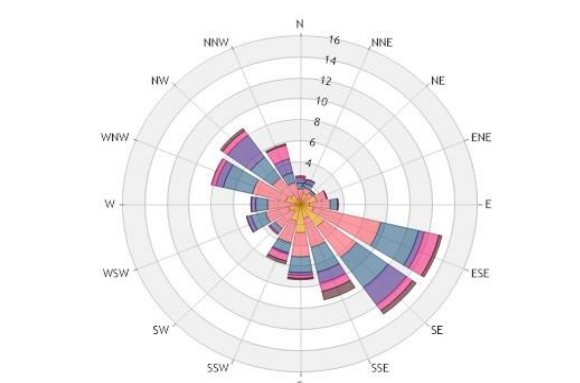
Pollutants		Month Records		24 Hour Records				1 Hour Records			
Name	Unit	Average Concentration	Uptime	Maximum		SAAQS*	Exceedance Days	Maximum		SAAQS*	Exceed Hours
				Conc.	Date			Conc.	Date and Time		
SO ₂	ppb	0	92.3%	0.4	8/10/2025	48	0	1.8	8/21/2025 4:00 PM	172	0
H ₂ S	ppb	No Data	0.0%	0.0	-	3.6	0	No Data	0	11	0
PM _{2.5}	µg/m ³	18.8	59.7%	35.0	8/28/2025	28	4	117.5	8/28/2025 2:00 PM	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

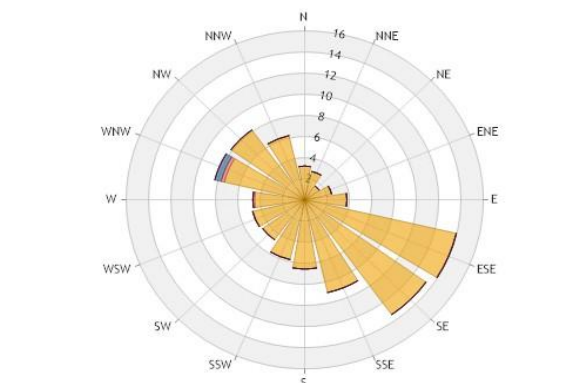


Exceedance Summary									
24-hour Exceedance Information				Summary of other Parameters during Exceedance					
Pollutant	Date	Conc.		WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
PM _{2.5}	3-Aug	29.5		2.6	126.4	0.0	0.0	<Samp	29.5
PM _{2.5}	20-Aug	29.5		2.1	198.7	0.0	<Samp	<Samp	29.5
PM _{2.5}	27-Aug	32.0		2.1	148.0	0.0	0.0	<Samp	32.0
PM _{2.5}	28-Aug	35.0		1.4	134.0	0.0	0.1	<Samp	35.0

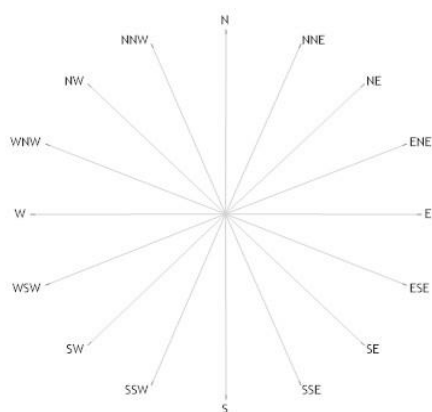
SESAA Torquay Station - August 2025 Summary Report



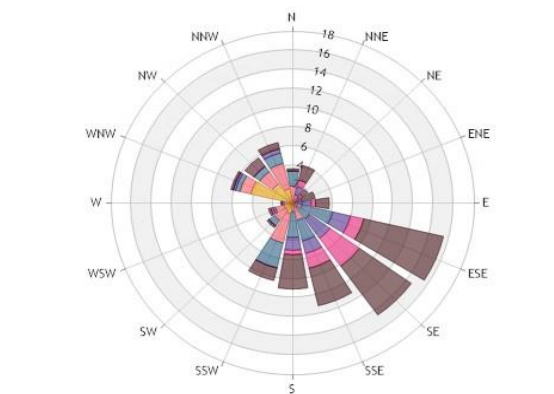
Wind Rose



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}	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

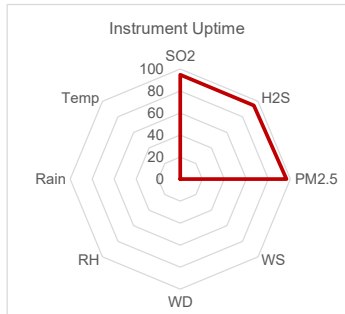
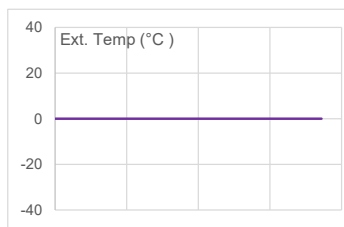
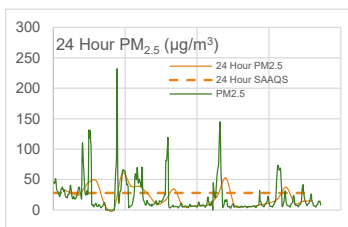
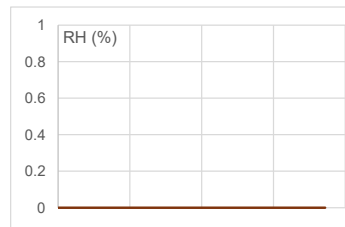
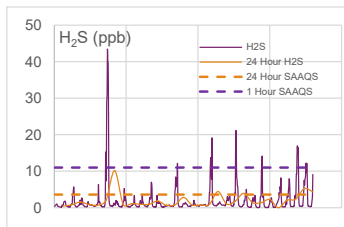
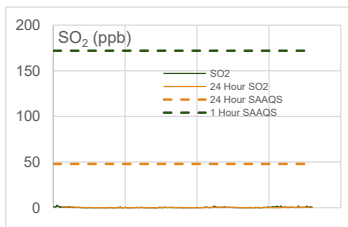
- * All data has been zero drift and baseline corrected, if needed. Data may change after final validation process.
- * All compliance parameters were within the Saskatchewan Ambient Air Quality Standards except for four, 24-hour PM_{2.5} exceedances.
- * All compliance parameters were less than 90% operational for the month except for PM_{2.5}.
- * H₂S monitor removed on July 30 due to analyzer errors.
- * A total of 300 hours of PM_{2.5} data were lost due to instrument malfunction.
- * 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 - August 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	94.8%	1.2	8/1/2025	48	0	2.7	8/1/2025 12:00 PM	172	0
H ₂ S	ppb	2.2	94.5%	10.2	8/7/2025	3.6	6	43.43	8/7/2025 4:00 AM	11	31
PM _{2.5}	µg/m ³	21.8	96.5%	60.2	8/8/2025	28	10	232.2	8/8/2025 10:00 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}	1-Aug	35.2	<Samp	<Samp	<Samp	1.2	0.5	35.2	
PM _{2.5}	2-Aug	28.4	<Samp	<Samp	<Samp	0.8	0.8	28.4	
PM _{2.5}	4-Aug	44.0	<Samp	<Samp	<Samp	0.1	0.9	44.0	
PM _{2.5}	5-Aug	47.3	<Samp	<Samp	<Samp	0.1	0.7	47.3	
PM _{2.5}	8-Aug	60.2	<Samp	<Samp	<Samp	0.2	0.8	60.2	
PM _{2.5}	9-Aug	39.2	<Samp	<Samp	<Samp	0.1	1.1	39.2	
PM _{2.5}	10-Aug	38.7	<Samp	<Samp	<Samp	0.2	0.9	38.7	
PM _{2.5}	14-Aug	34.3	<Samp	<Samp	<Samp	0.3	0.8	34.3	
PM _{2.5}	20-Aug	52.5	<Samp	<Samp	<Samp	0.4	1.0	52.5	
PM _{2.5}	27-Aug	37.3	<Samp	<Samp	<Samp	0.5	2.0	37.3	

SESAA Wauchope Station - August 2025 Summary Report

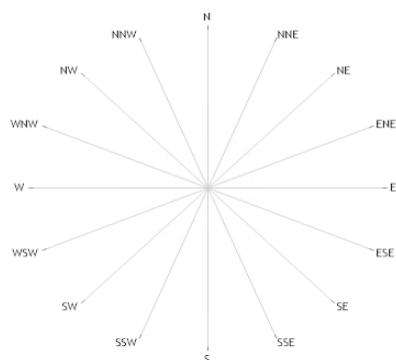
Exceedance Summary (24-Hour Average)

24-hour Exceedance Information			Summary of other Parameters during Exceedance					
Pollutant	Date	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
H ₂ S	7-Aug	10.2	<Samp	<Samp	<Samp	0.1	10.2	<Samp
H ₂ S	19-Aug	4.4	<Samp	<Samp	<Samp	0.6	4.4	22.6
H ₂ S	22-Aug	3.9	<Samp	<Samp	<Samp	0.1	3.9	5.5
H ₂ S	29-Aug	5.2	<Samp	<Samp	<Samp	0.4	5.2	14.4
H ₂ S	30-Aug	4.4	<Samp	<Samp	<Samp	0.7	4.4	15.0
H ₂ S	31-Aug	7.7	<Samp	<Samp	<Samp	0.8	7.7	9.5

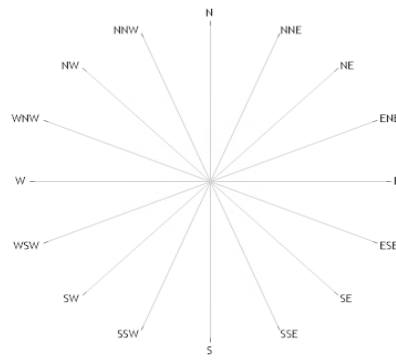
Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance					
Pollutant	Date and Time	Conc.	WS	WD	Precip.	SO ₂	H ₂ S	PM _{2.5}
H ₂ S	8/6/2025 11:00 PM	15.25	<Samp	<Samp	<Samp	0.1	15.25	11.8
H ₂ S	8/7/2025 1:00 AM	11.28	<Samp	<Samp	<Samp	0.0	11.28	7.7
H ₂ S	8/7/2025 2:00 AM	28.96	<Samp	<Samp	<Samp	0.0	28.96	NoData
H ₂ S	8/7/2025 3:00 AM	30.67	<Samp	<Samp	<Samp	0.0	30.67	NoData
H ₂ S	8/7/2025 4:00 AM	43.43	<Samp	<Samp	<Samp	0.0	43.43	NoData
H ₂ S	8/7/2025 5:00 AM	40.19	<Samp	<Samp	<Samp	0.0	40.19	NoData
H ₂ S	8/7/2025 6:00 AM	39.65	<Samp	<Samp	<Samp	0.0	39.65	NoData
H ₂ S	8/7/2025 7:00 AM	25.42	<Samp	<Samp	<Samp	0.1	25.42	NoData
H ₂ S	8/15/2025 7:00 AM	12.17	<Samp	<Samp	<Samp	0.1	12.17	5.8
H ₂ S	8/19/2025 3:00 AM	12.88	<Samp	<Samp	<Samp	0.1	12.88	7
H ₂ S	8/19/2025 4:00 AM	13.75	<Samp	<Samp	<Samp	0.1	13.75	8.2
H ₂ S	8/19/2025 5:00 AM	11.78	<Samp	<Samp	<Samp	0.2	11.78	8.6
H ₂ S	8/19/2025 7:00 AM	19.14	<Samp	<Samp	<Samp	0.1	19.14	8.3
H ₂ S	8/22/2025 1:00 AM	16.92	<Samp	<Samp	<Samp	0.1	16.92	5.4
H ₂ S	8/22/2025 2:00 AM	21.16	<Samp	<Samp	<Samp	0.2	21.16	5.7
H ₂ S	8/22/2025 3:00 AM	14.2	<Samp	<Samp	<Samp	0.1	14.2	5.9
H ₂ S	8/25/2025 3:00 AM	14.16	<Samp	<Samp	<Samp	0.0	14.16	10.3
H ₂ S	8/29/2025 4:00 AM	14.44	<Samp	<Samp	<Samp	0.3	14.44	7.5
H ₂ S	8/29/2025 5:00 AM	16.95	<Samp	<Samp	<Samp	0.3	16.95	7.6
H ₂ S	8/29/2025 6:00 AM	14.95	<Samp	<Samp	<Samp	0.3	14.95	7.4
H ₂ S	8/29/2025 7:00 AM	16.5	<Samp	<Samp	<Samp	0.2	16.5	7.3
H ₂ S	8/29/2025 8:00 AM	11.68	<Samp	<Samp	<Samp	0.4	11.68	7.4
H ₂ S	8/30/2025 5:00 AM	12.17	<Samp	<Samp	<Samp	0.4	12.17	14.8
H ₂ S	8/30/2025 7:00 AM	12.21	<Samp	<Samp	<Samp	0.4	12.21	10.6
H ₂ S	8/31/2025 1:00 AM	26.41	<Samp	<Samp	<Samp	0.3	26.41	13.2
H ₂ S	8/31/2025 2:00 AM	23.3	<Samp	<Samp	<Samp	0.3	23.3	11.6
H ₂ S	8/31/2025 3:00 AM	18.2	<Samp	<Samp	<Samp	0.4	18.2	8.3
H ₂ S	8/31/2025 4:00 AM	22.77	<Samp	<Samp	<Samp	0.4	22.77	7.7
H ₂ S	8/31/2025 5:00 AM	35.73	<Samp	<Samp	<Samp	0.5	35.73	7
H ₂ S	8/31/2025 6:00 AM	16.02	<Samp	<Samp	<Samp	0.5	16.02	6.6
H ₂ S	8/31/2025 7:00 AM	19.44	<Samp	<Samp	<Samp	0.6	19.44	6.7

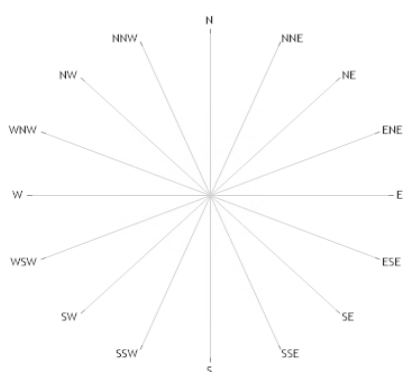
SESAA Wauchope Station - August 2025 Summary Report



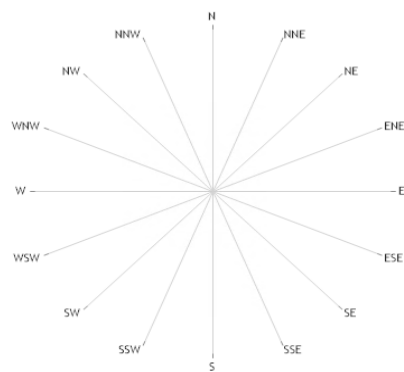
Wind Rose



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	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

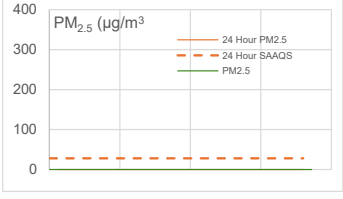
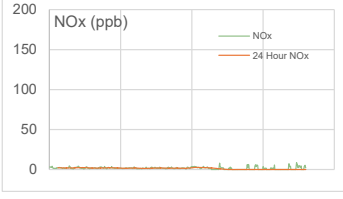
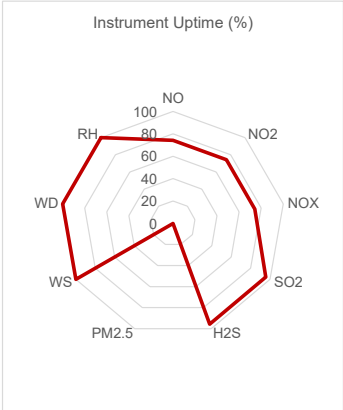
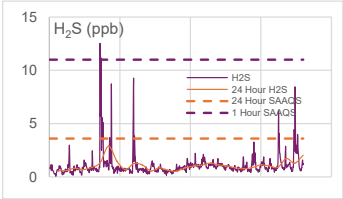
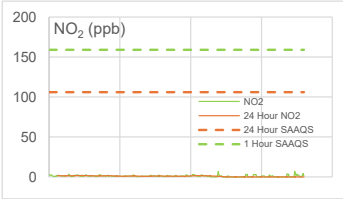
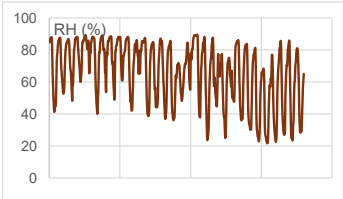
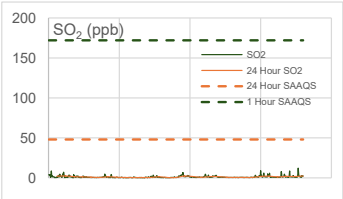
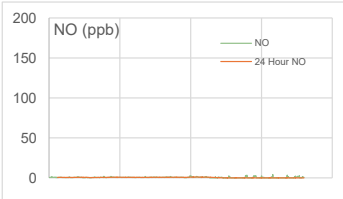
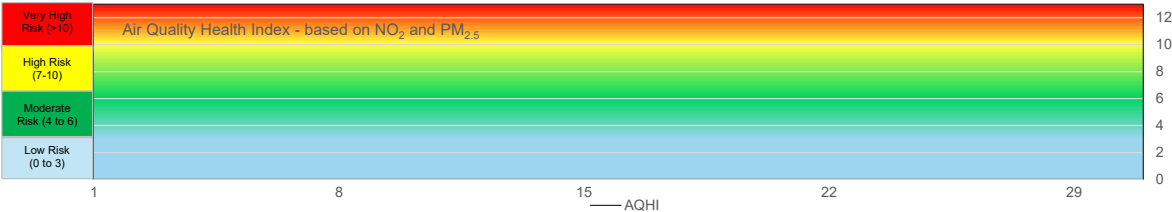
Monthly Update

- * 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 with the exception of thirty-one, one-hour H₂S exceedances, six 24-hour H₂S exceedances and ten 24-hour PM_{2.5} exceedances.
- * All compliance parameters were more than 90% operational for the month except for H₂S.
- * A total of 744 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 July 28, 2025.



SESAA Weyburn Station - August 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	74.2%	1.0	8/17/2025	-	-	4.2	8/27/2025 8:00 AM	-	-
NO ₂	ppb	1.3	74.2%	1.7	8/4/2025	106	0	7.0	8/29/2025 10:00 PM	159	0
NO _x	ppb	2.0	74.2%	2.5	8/17/2025	-	-	8.7	8/29/2025 10:00 PM	-	-
SO ₂	ppb	1.2	95.7%	2.4	8/2/2025	48	0	12.2	8/30/2025 10:00 AM	172	0
H ₂ S	ppb	1.1	95.7%	2.9	8/7/2025	3.6	0	12.5	8/7/2025 12:00 AM	11	2
PM _{2.5}	µg/m ³	No Data	0.0%	0.0	-	28	0	No Data	0	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



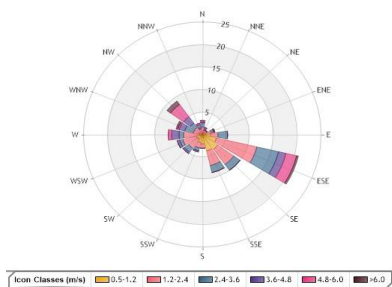
SESAA Weyburn Station - August 2025 Summary Report

Exceedance Summary (24-Hours Average)

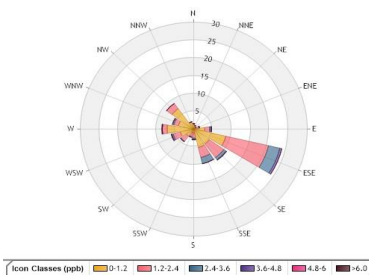
24-hours Exceedance Information			Summary of other Parameters during Exceedance							
Pollutant	Date	Conc.	WS	WD	H ₂ S	NO	NO ₂	NOx	SO ₂	PM _{2.5}

Exceedance Summary (1-Hour Average)

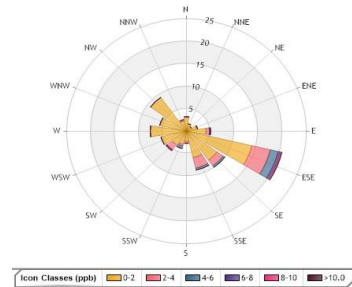
1-hour Exceedance Information			Summary of Other Parameters During Exceedance					
Pollutant	Date and Time	Conc.	WS	WD	Precip.	SO ₂	NO ₂	PM _{2.5}
H ₂ S	8/7/2025 0:00	12.5	0.9	185.6	0.0	0.7	2.5	-
H ₂ S	8/7/2025 3:00 AM	11.2	0.8	86.3	0.0	0.7	1.8	-



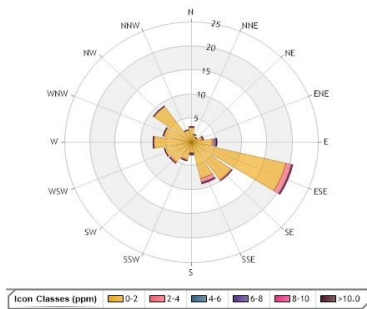
Wind Rose



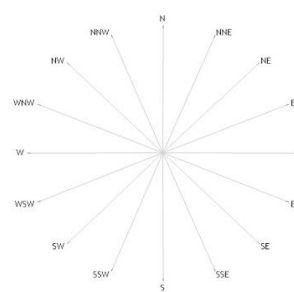
NO₂ Pollution Rose



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	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 Standard.
- * All compliance parameters were more than 90% operational for the month with the exception of PM_{2.5} and NOx.
- * 744 hours of PM_{2.5} data was invalidated due to analyzer error. The PM_{2.5} monitor was removed for repair.
- * A total 223 hours of NOx data was invalidated due to an unknown 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.
- * 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 July 31, 2025

