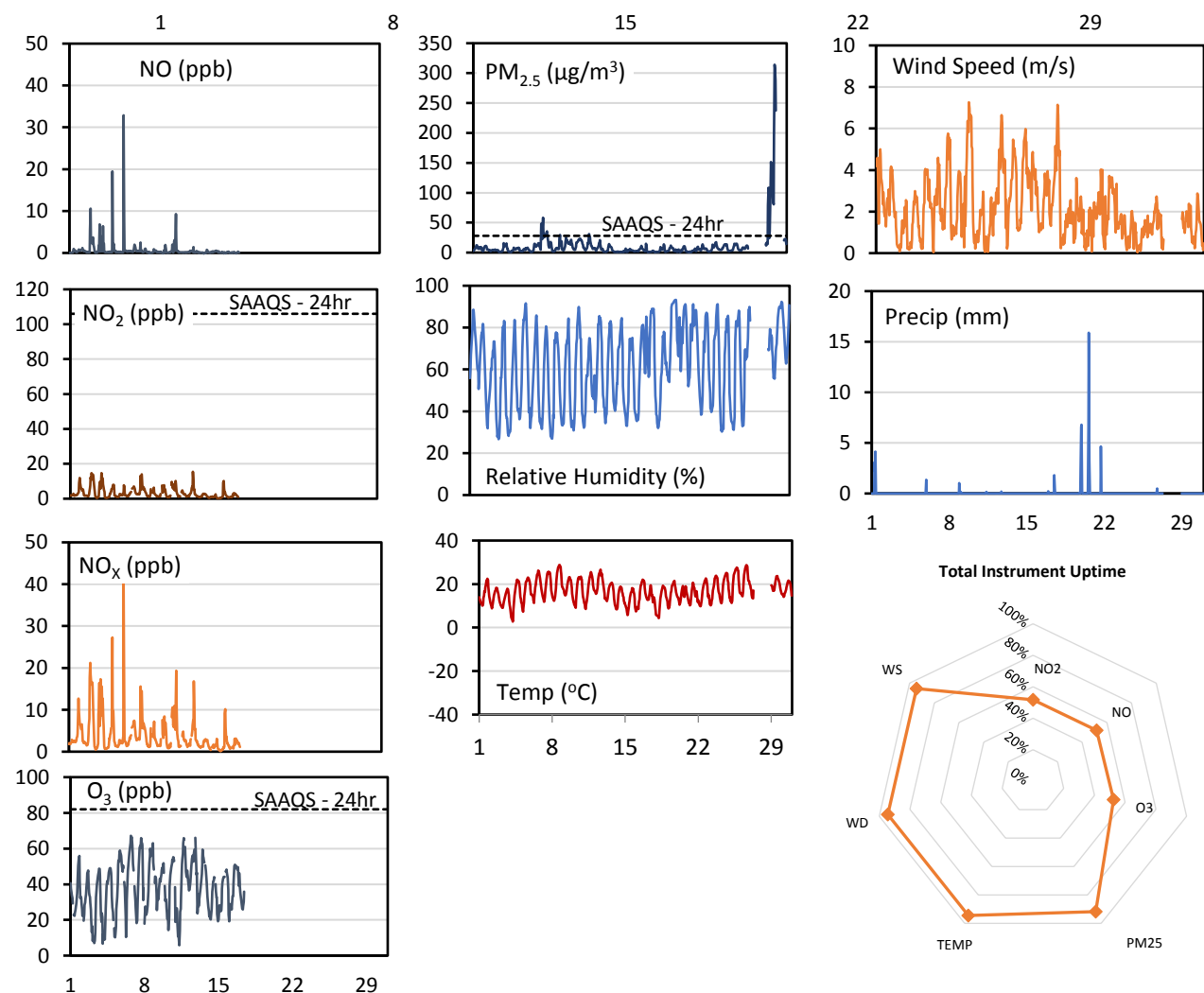
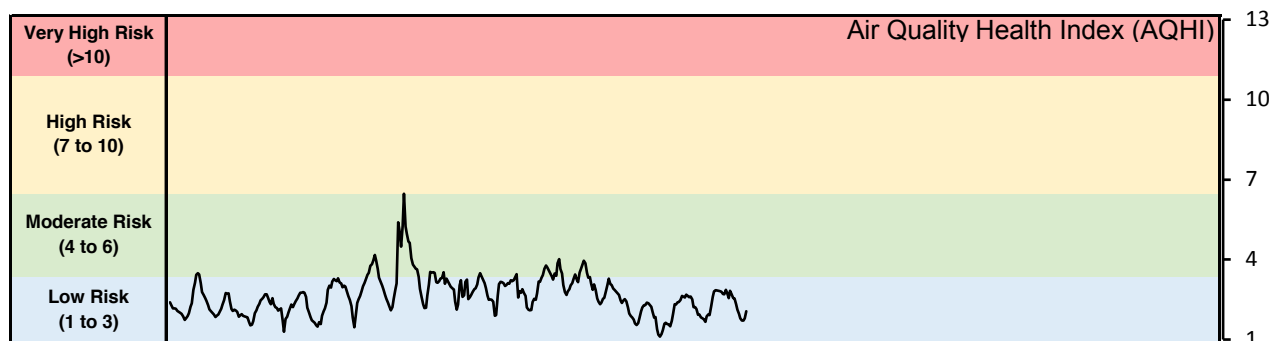


SESAA Esterhazy Station - June 2015 Summary Report

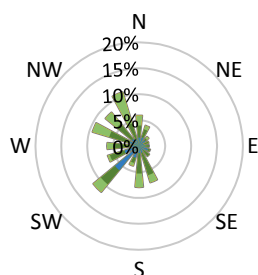
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Total Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.7	52%	2.1	Jun-06	-	-	32.9	Jun-06 06:00	-	-
NO ₂	ppb	3.2	52%	6.2	Jun-03	106	0	15.4	Jun-13 00:00	159	0
NO _x	ppb	3.9	52%	8.2	Jun-03	-	-	40.4	Jun-06 06:00	-	-
O ₃	ppb	37.9	53%	48.8	Jun-12	-	-	67.2	Jun-06 17:00	82	0
PM _{2.5}	µg/m ³	11.3	92%	112.7	Jun-29	28	1	314.1	Jun-29 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

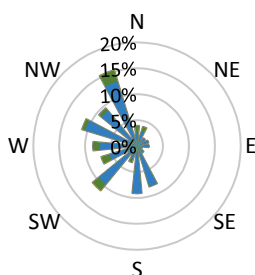


SESAA Esterhazy Station - June 2015 Summary Report

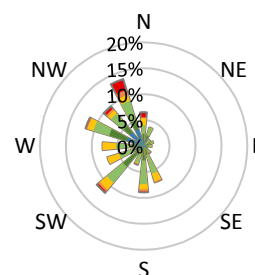
Wind Rose



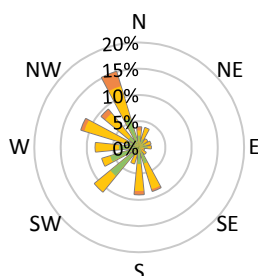
NO₂ Pollutant Rose



PM_{2.5} Pollutant Rose



O₃ Pollutant Rose



Parameters	Unit	Color Code for Wind Speed and Pollution Concentration Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
O ₃	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

- Achieved 92% of scheduled uptime for PM_{2.5}; 94% for temp, WD, WS, RH; and 54% for all other parameters
- Downtime of 4% results from routine daily Internal Zeroes and Spans
- NO_x and O₃ data invalidated starting June 17 due to operational issues

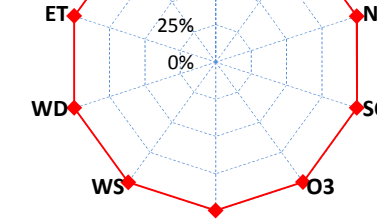
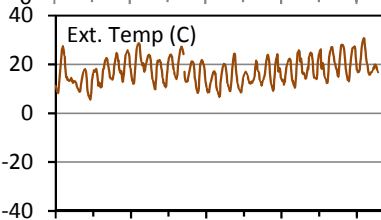
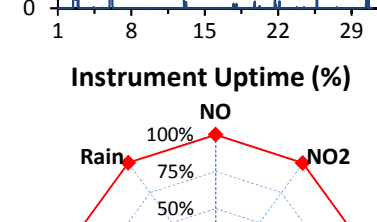
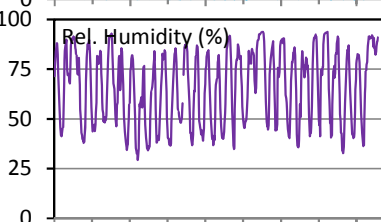
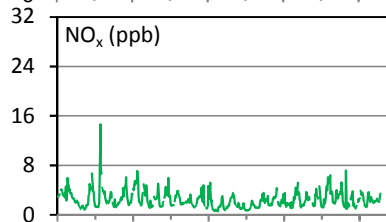
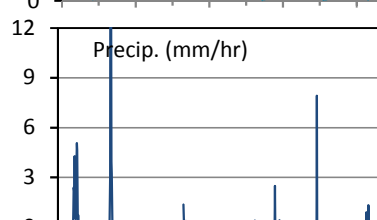
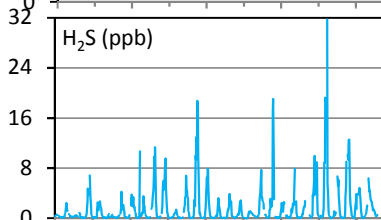
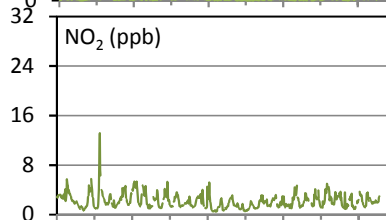
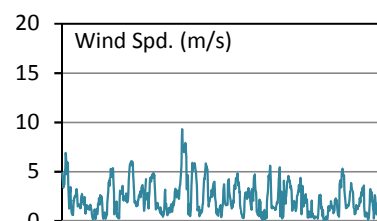
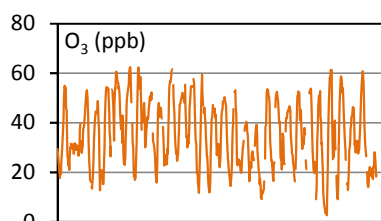
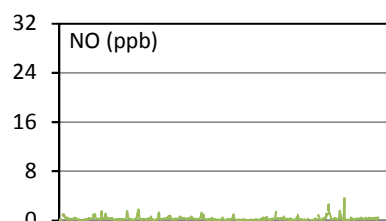
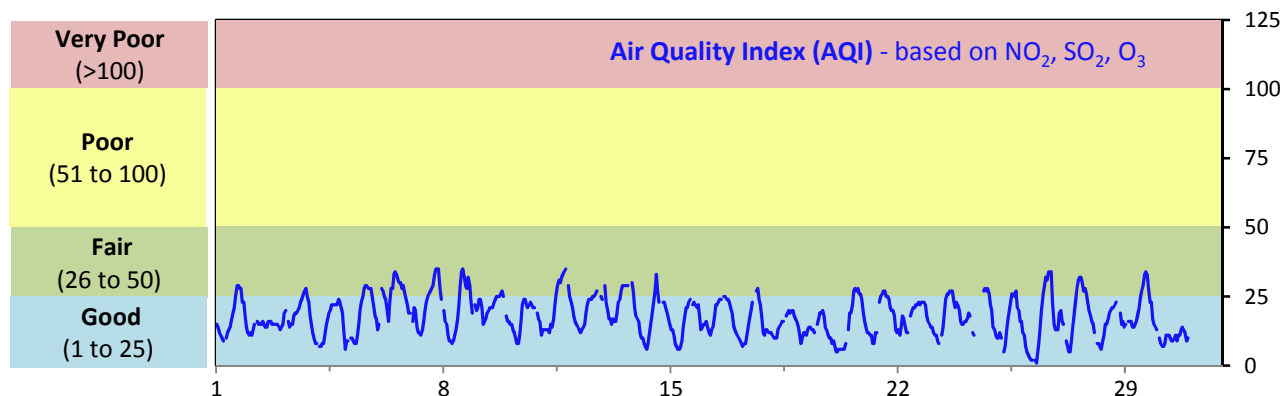
Exceedance Summary (24- Hour Average - Exceedances Highlighted)

Exceedance Time	AQI	NO ₂ ppb	NO ppb	O ₃ ppb	PM _{2.5} µg/m ³	NO _x ppb	Temp °C	WD deg	WS m/s
Jun-29	-	-	-	-	112.7	-	19.8	288.6	1.6

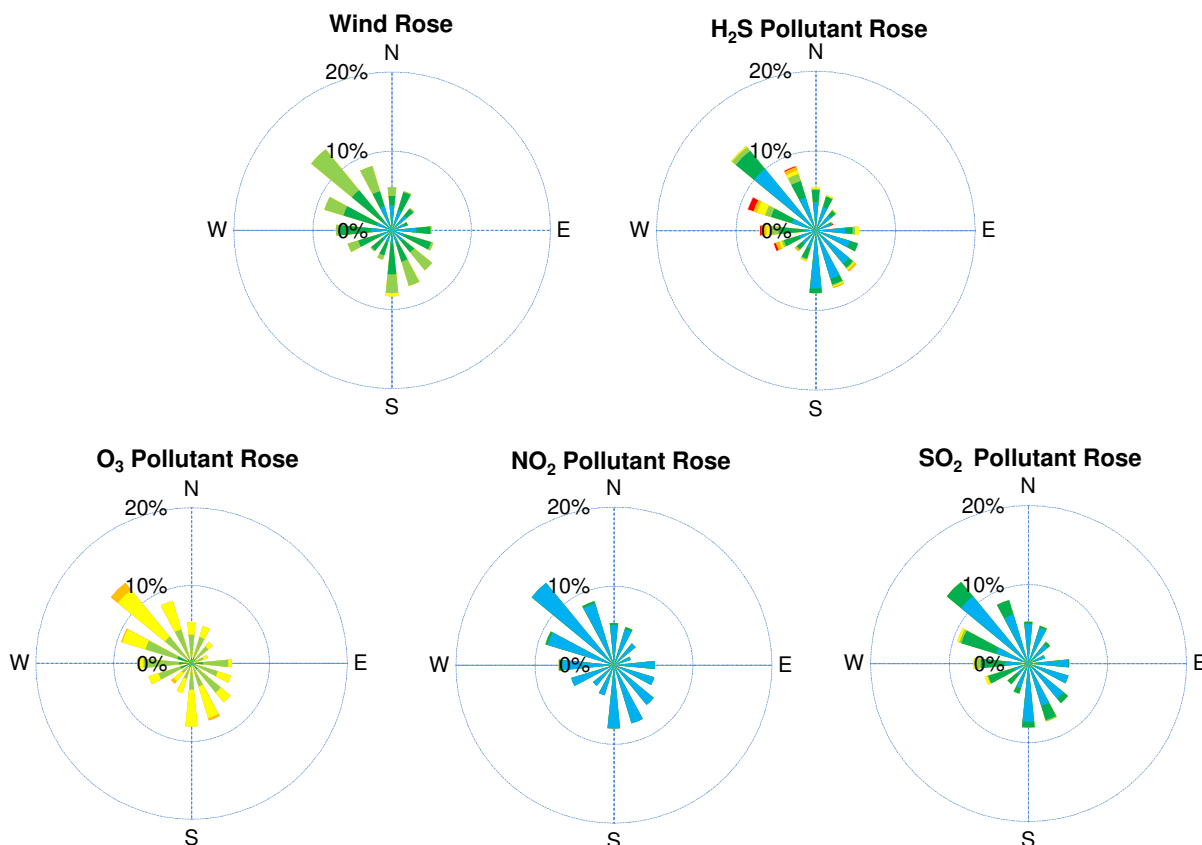
SESAA Glen Ewen Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.3	99.6%	0.7	Jun-26	-	-	3.6	Jun-27 17:00	-	-
NO ₂	ppb	2.2	99.6%	3.5	Jun-8	106	0	13.2	Jun-04 23:00	159	0
NO _x	ppb	2.5	99.6%	3.9	Jun-8	-	-	14.7	Jun-04 23:00	-	-
SO ₂	ppb	1.0	99.7%	4.1	Jun-8	48	0	27.8	Jun-08 09:00	172	0
O ₃	ppb	35	99.7%	50	Jun-6	-	-	63	Jun-07 19:00	82	0
H ₂ S	ppb	1.7	99.7%	4.7	Jun-14	3.6	3	31.7	Jun-26 06:00	11	11

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Glen Ewen Station - June 2015 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards, with the exception of 11 one-hour and 3 24-hour H₂S exceedance events. The 5 highest 1-hour averages and the 24-hour events are presented in the exceedance summary table below. For a complete list of all recorded exceedance events, please contact SESAA.

*All compliance parameters are above 90% operational.

*2-3 hours of data for all parameters is flagged as "power failure" intermittently throughout the month due to power disruptions.

*Routine quarterly calibrations were completed on June 24.

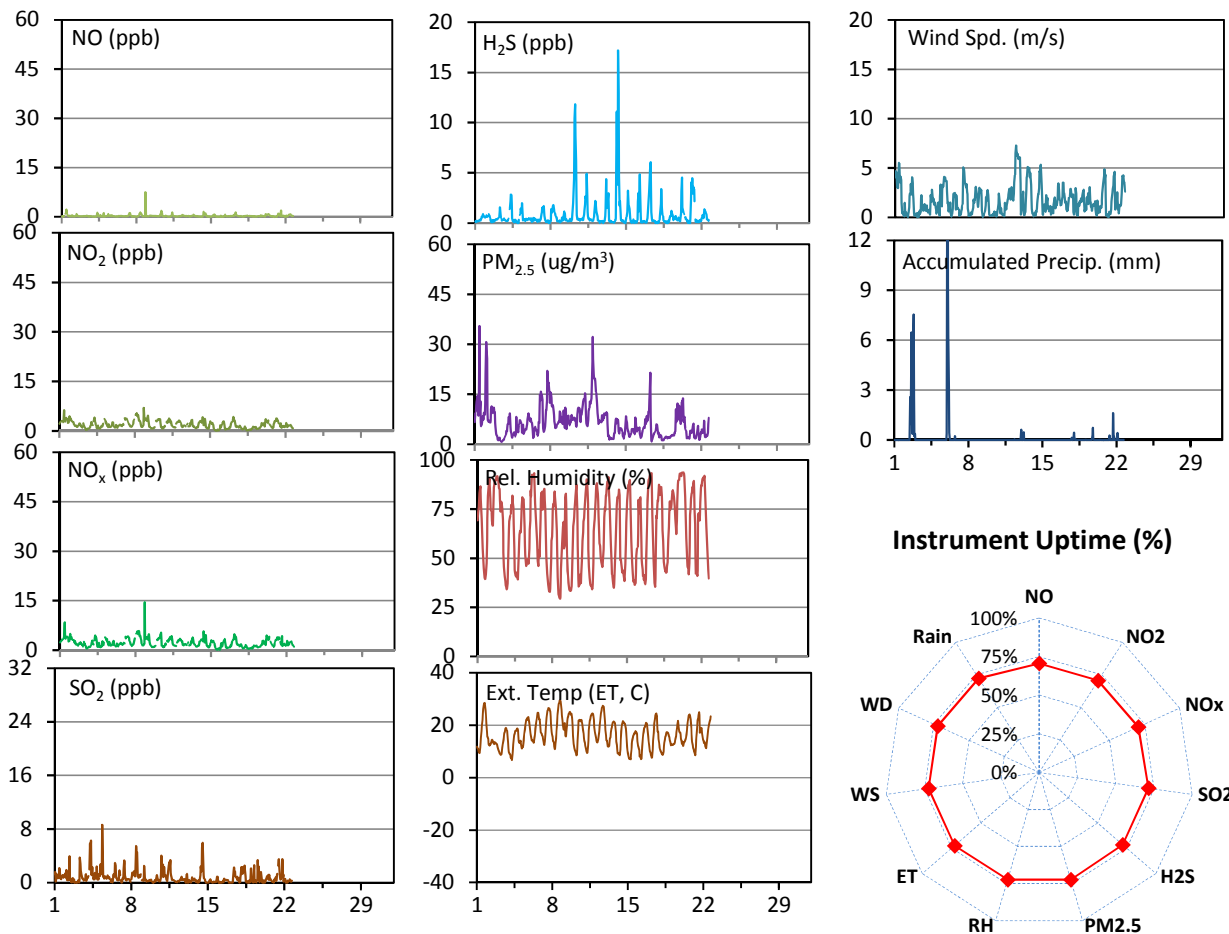
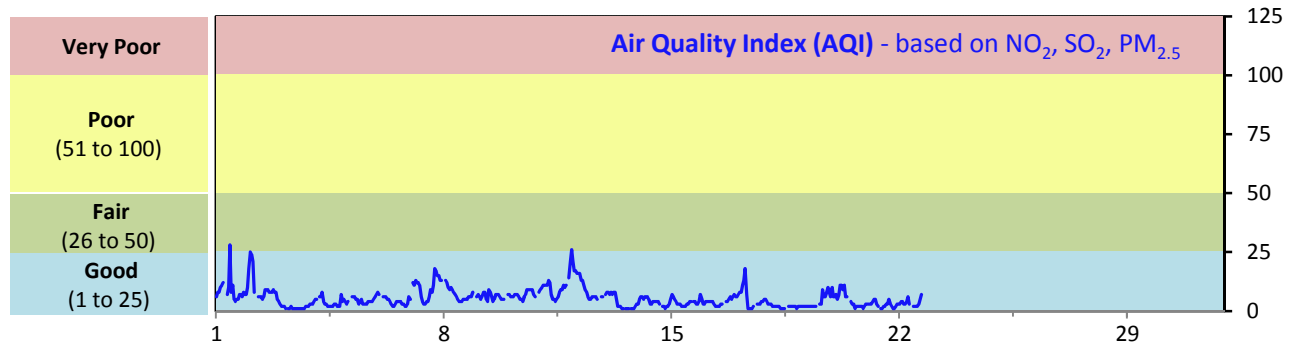
Exceedance Summary

Exceedance Summary										
1-hour Exceedance Information			Summary of Other Parameters During Exceedance							
Pollutant	Conc. ppb	Exceedance Time mmm-dd hh:mm	WS m/s	WD deg	AQI -	Rain mm	SO ₂ ppb	NO ₂ ppb	O ₃ ppb	H ₂ S ppb
H2S	31.7	Jun-26 06:00	0.5	257	1	0.0	0.4	3.8	3	31.7
H2S	19.3	Jun-26 02:00	0.4	334	2	0.0	0.5	4.3	5	19.3
H2S	19.0	Jun-21 06:00	1.2	286	8	0.0	0.7	2.7	16	19.0
H2S	18.7	Jun-14 05:00	0.8	273	7	0.0	0.8	2.8	14	18.7
H2S	18.7	Jun-26 03:00	0.2	68	2	0.0	0.5	4.2	4	18.7
24-hour Exceedance Information			WS	WD	AQI	Rain	SO ₂	NO ₂	O ₃	H ₂ S
H2S	4.7	Jun-14	2.8	281	17	0.0	1.4	2.4	34	4.7
H2S	4.7	Jun-26	1.1	200	17	0.0	1.3	2.9	32	4.7
H2S	4.1	Jun-28	2.0	293	15	0.0	0.6	1.8	31	4.1

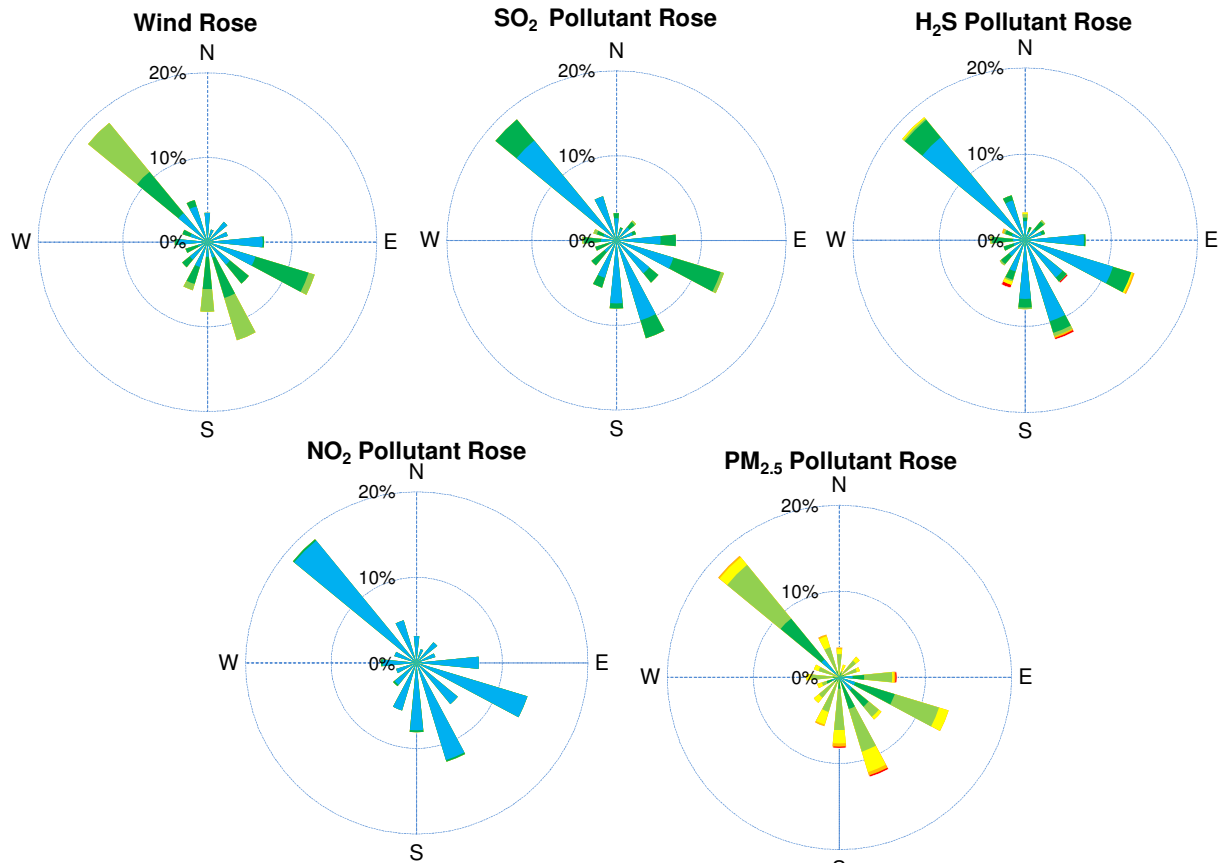
SESAA Oxbow Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.3	70.5%	0.7	Jun-8	-	-	7.5	Jun-08 20:00	-	-
NO ₂	ppb	1.9	70.5%	3.4	Jun-8	106	0	7.0	Jun-08 20:00	159	0
NO _x	ppb	2.2	70.5%	4.2	Jun-8	-	-	14.5	Jun-08 20:00	-	-
SO ₂	ppb	0.8	71.4%	1.7	Jun-4	48	0	8.6	Jun-05 08:00	172	0
H ₂ S	ppb	0.9	71.4%	3.1	Jun-14	3.6	0	17.2	Jun-14 06:00	11	4
PM _{2.5}	ug/m3	7	72.4%	13	Jun-11	28	0	35	Jun-01 10:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Oxbow Station - June 2015 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

- *All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- *All compliance parameters were within the Saskatchewan Ambient Air Quality Standard, with the exception of 4 one-hour H₂S exceedance events. Please refer to the exceedance summary table for details.
- *All compliance parameters did not maintain >90% operational uptime. The airpointer was shut down temporarily on June 22, due to air conditioning unit issues. It did not operate for the remainder of the month.
- *2 hours of NO/NO₂/NO_x data is flagged as "power failure" intermittently throughout the month due to power disruptions. All analyzers were affected, however NO/NO₂/NO_x is slower to recover.
- *Routine quarterly calibrations were completed on June 23.

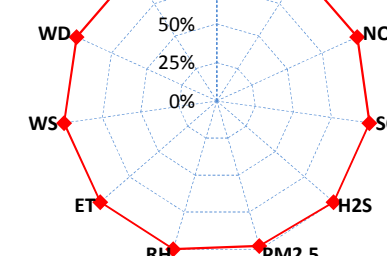
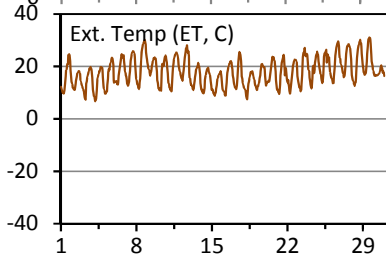
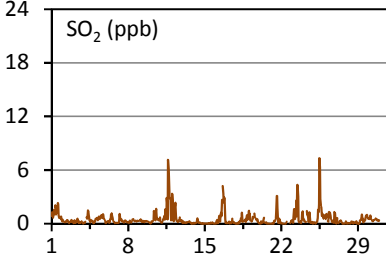
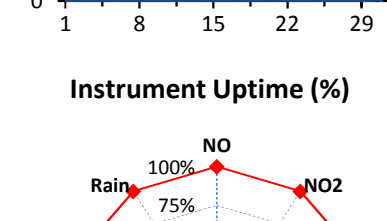
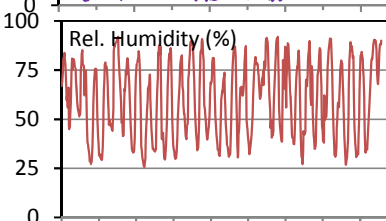
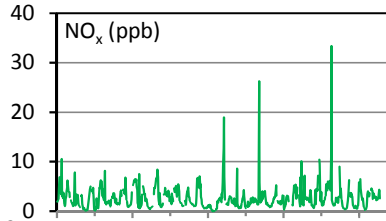
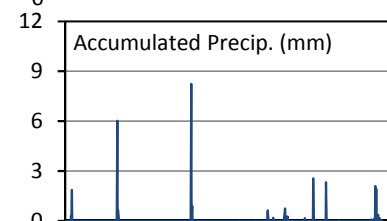
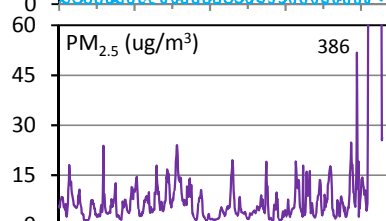
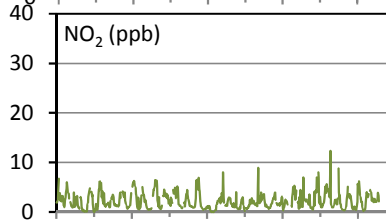
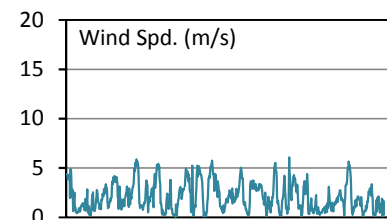
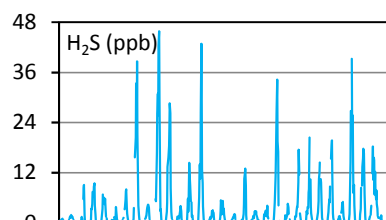
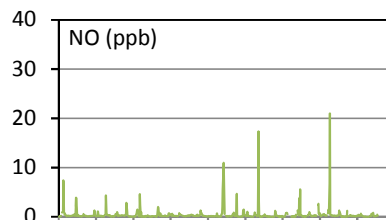
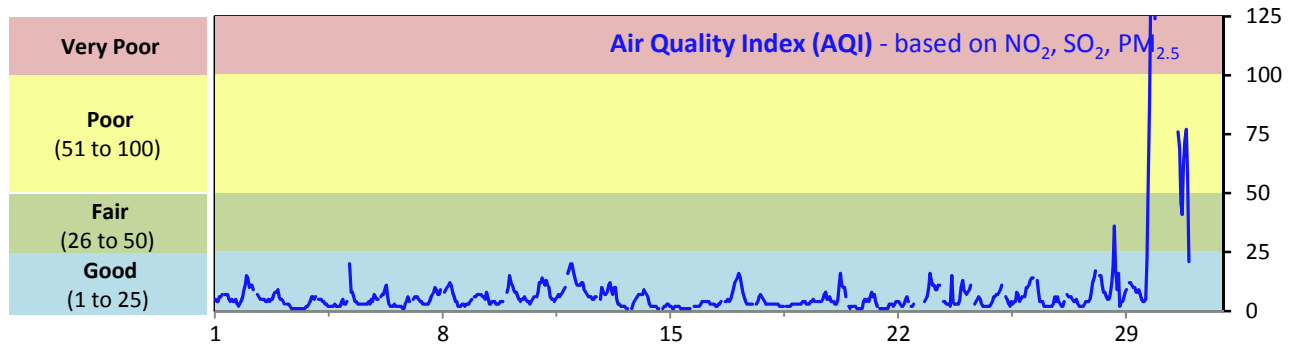
Exceedance Summary

1-hour Exceedance Information			Summary of Other Parameters During Exceedance								
Pollutant	1-hr Avg Conc.	Exceedance Time mmm-dd hh:mm	WS m/s	WD deg	AQI -	Rain mm	ET C	SO ₂ ppb	NO ₂ ppb	H ₂ S ppb	PM _{2.5} ug/m ³
H ₂ S	17.2	Jun-14 06:00	0.6	164	6	0.0	8.5	0.5	3.1	17.2	7
H ₂ S	12.9	Jun-14 07:00	0.5	209	5	0.0	10.8	1.1	4.2	12.9	6
H ₂ S	11.8	Jun-10 06:00	0.2	213	7	0.0	8.7	0.4	3.5	11.8	8
H ₂ S	11.1	Jun-14 03:00	0.5	138	5	0.0	9.3	0.0	3.1	11.1	6

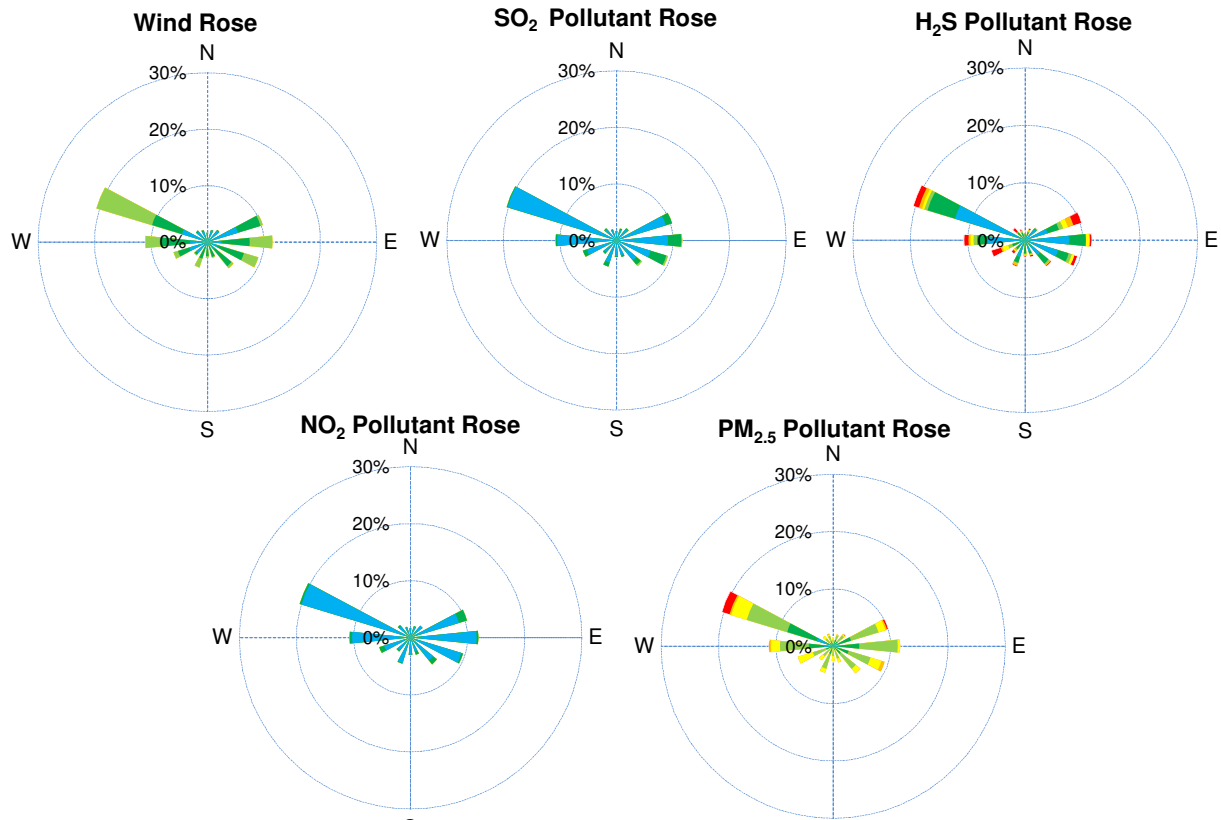
SESAA Stoughton Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.4	100.0%	1.6	Jun-26	-	-	21.0	Jun-26 10:00	-	-
NO ₂	ppb	2.3	100.0%	3.4	Jun-8	106	0	12.3	Jun-26 10:00	159	0
NO _x	ppb	2.7	100.0%	4.7	Jun-26	-	-	33.4	Jun-26 10:00	-	-
SO ₂	ppb	0.5	99.9%	1.7	Jun-11	48	0	7.3	Jun-25 11:00	172	0
H ₂ S	ppb	3.3	100.0%	10.9	Jun-10	3.6	9	45.8	Jun-10 06:00	11	62
PM _{2.5}	ug/m3	10	97.8%	73	Jun-29	28	1	386	Jun-29 19:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Stoughton Station - June 2015 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards, with the exception of 62 1-hour and 9 24-hour H2S exceedance events, and 1 24-hour PM2.5 exceedance event. Only the 5 highest 1-hour and 24-hour H2S exceedance events are presented in the table below. Please contact SESAA for a complete list of the recorded events.

*All compliance parameters are above 90% operational.

*16 hours of PM2.5 data is flagged as "analyzer failure" on June 29-30. The high PM2.5 concentrations associated with the wildfire smoke caused the analyzer to malfunction.

*Routine quarterly calibrations were completed on June 22.

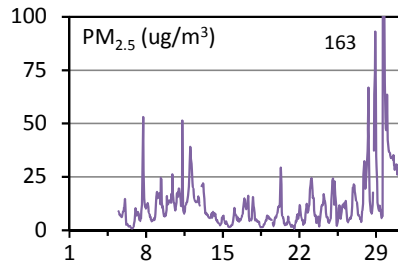
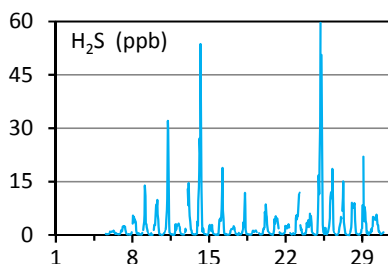
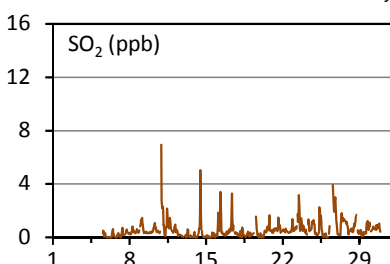
Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance								
Pollutant (unit)	1-hr Avg Conc.	Exceedance Time mmm-dd hh:mm	WS m/s	WD deg	AQI	Rain mm	ET C	SO ₂ ppb	NO ₂ ppb	H ₂ S ppb	PM _{2.5} ug/m3
H2S	45.8	Jun-10 06:00	0.3	71	8	0.0	10.8	0.3	6.3	45.8	10
H2S	42.9	Jun-14 04:00	0.1	60	9	0.0	9.7	0.0	4.5	42.9	11
H2S	42.4	Jun-10 05:00	0.2	21	8	0.0	11.2	0.3	6.3	42.4	9
H2S	38.7	Jun-08 05:00	0.7	267	12	0.0	11.3	0.2	6.3	38.7	15
H2S	34.3	Jun-21 05:00	0.4	183	6	0.0	9.5	0.1	3.1	34.3	7
24-hour Exceedance Information			WS	WD	AQI	Rain	ET	SO ₂	NO ₂	H ₂ S	PM _{2.5}
PM2.5	73.0	Jun-29	1.5	266	44	0.0	23.0	0.5	2.4	5.0	73
H2S	10.9	Jun-10	1.2	204	7	0.0	17.5	0.5	3.2	10.9	8
H2S	8.3	Jun-8	1.8	233	6	0.0	21.4	0.3	3.4	8.3	7
H2S	7.5	Jun-28	1.3	270	11	0.0	21.5	0.1	2.0	7.5	14
H2S	7.3	Jun-14	3.0	241	4	0.0	14.6	0.1	2.6	7.3	4
H2S	7.1	Jun-11	1.4	185	10	0.0	19	1.7	3.0	7.1	12

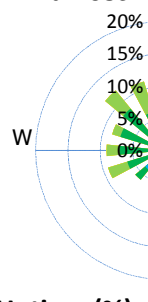
SESAA Wauchope Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	0.6	82.4%	1.0	Jun-23	48	0	7.0	Jun-10 21:00	172	0
H ₂ S	ppb	2.8	83.5%	11.2	Jun-25	3.6	4	59.7	Jun-25 04:00	11	29
PM _{2.5}	ug/m3	13	84.6%	42	Jun-29	28	3	163	Jun-29 16:00	-	-

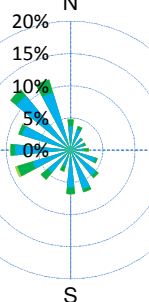
SAAQS: Saskatchewan Ambient Air Quality Standards



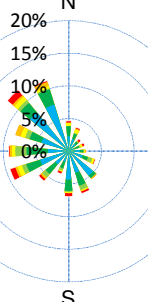
Wind Rose



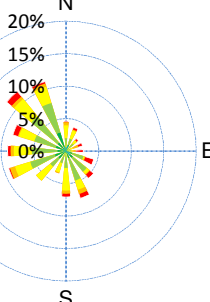
SO₂ Rose



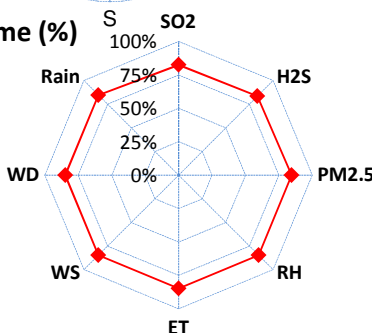
H₂S Rose



PM_{2.5} Rose



Uptime (%)



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8
PM _{2.5}	ug/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards, with the exception of 29 1-hour and 4 24-hour H₂S exceedance events, and 3 24-hour PM_{2.5} events. The 3 highest 1-hour H₂S events, and all 24-hour events are presented in the table below. Please contact SESAA for a complete list of all recorded exceedance events.

*No compliance parameters were greater than 90% operational this month, the airpointer was not operational June 1-5 due to a damaged breaker. Intermittent power disruptions also affected the airpointer this month.

*6 hours of SO₂ data are flagged as "analyzer failure" on June 26 due to abnormal data being recorded.

*Routine quarterly calibrations were completed on June 19.

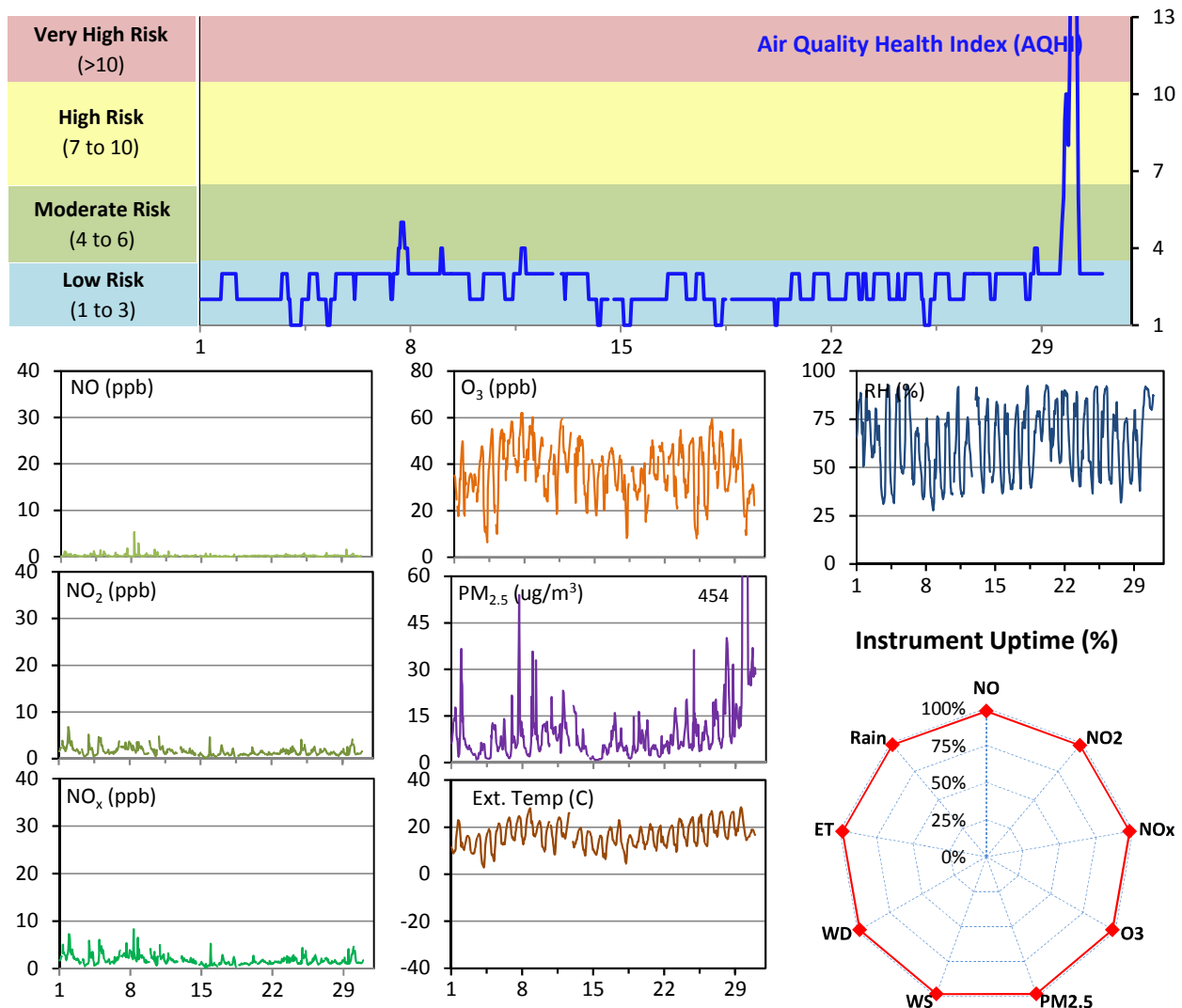
Exceedance Summary (1-Hour Average)

1-hour Exceedance Information			Summary of Other Parameters During Exceedance						
Pollutant	Conc. ppb	Exceedance Time mmm-dd hh:mm	WS m/s	WD deg	Rain mm	ET C	SO ₂ ppb	H ₂ S ppb	PM _{2.5} ug/m3
H2S	59.7	Jun-25 04:00	0.5	8	0.0	13.3	0.2	59.7	12
H2S	53.7	Jun-14 05:00	0.1	191	0.0	9.0	0.1	53.7	7
H2S	50.6	Jun-25 06:00	0.2	120	0.0	12.9	0.2	50.6	17
24-hour Exceedance Information			WS	WD	Rain	ET	SO ₂	H ₂ S	PM _{2.5}
PM2.5	42.0	Jun-29	1.8	209	0.0	22.8	0.6	3.4	42
PM2.5	35.0	Jun-30	1.6	106	0.0	17.8	0.7	2.3	35
PM2.5	33.0	Jun-28	2.0	304	0.0	21.6	0.7	3.0	33
H2S	11.2	Jun-25	0.7	185	1.0	19	0.5	11.2	12
H2S	8.5	Jun-14	3.1	265	0.0	15	0.5	8.5	5
H2S	4.8	Jun-11	1.4	216	0.0	19	0.9	4.8	16

SESAA Wawota Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.2	97.9%	0.6	Jun-8	-	-	5.4	Jun-08 07:00	-	-
NO ₂	ppb	1.5	97.9%	2.8	Jun-1	106	0	6.8	Jun-01 22:00	159	0
NO _x	ppb	1.8	97.9%	3.1	Jun-1	-	-	8.3	Jun-08 07:00	-	-
O ₃	ppb	38	98.1%	49	Jun-7	-	-	62	Jun-07 18:00	82	0
PM _{2.5}	ug/m3	13	98.2%	82	Jun-30	28	2	454	Jun-29 23:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

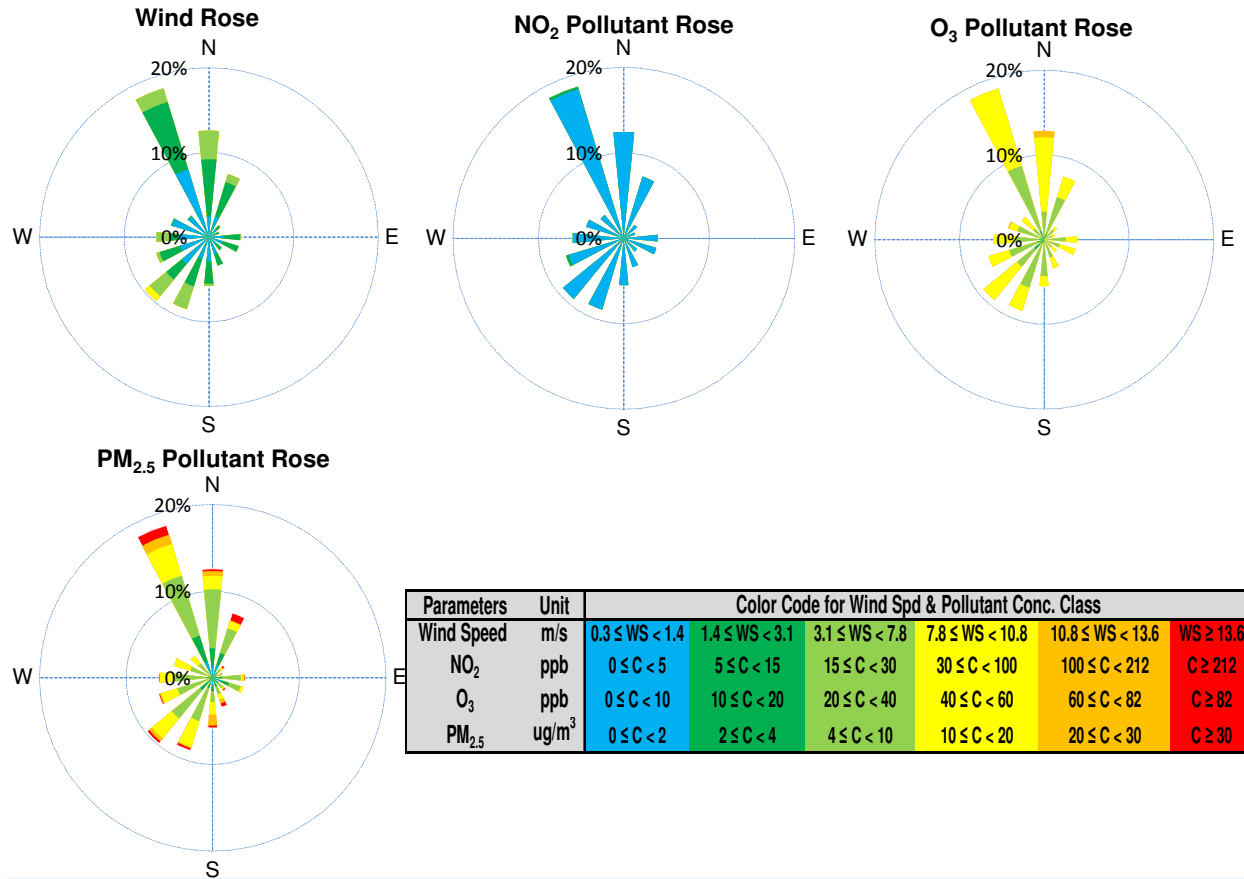
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards, with the exception of two 24-hour PM_{2.5} exceedance events. These events are attributed to wildfire smoke in the region. Please refer to the exceedance summary table for details.

*All compliance parameters were greater than 90% operational.

*13-14 hours of data for all parameters is flagged as "power failure" intermittently throughout the month due to power disruptions.

*Routine quarterly calibrations were completed on June 18.

SESAA Wawota Station - June 2015 Summary Report

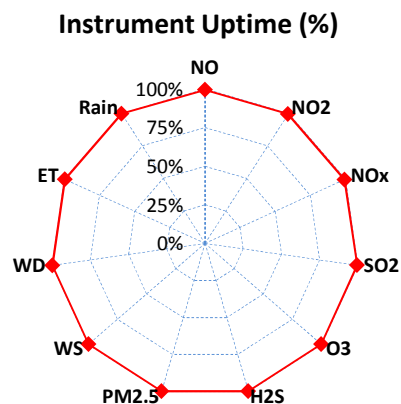
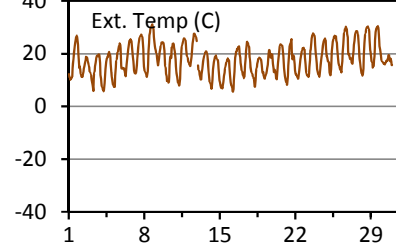
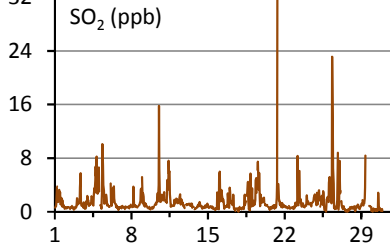
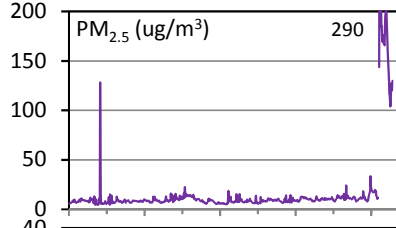
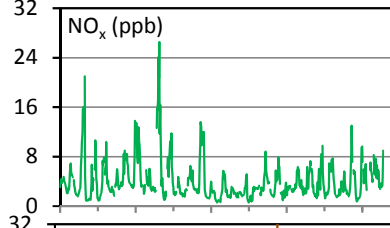
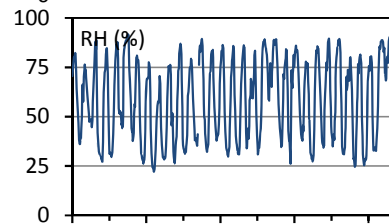
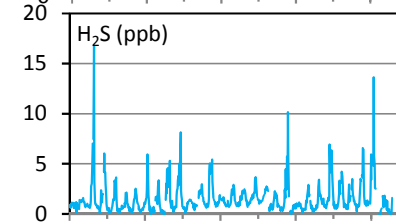
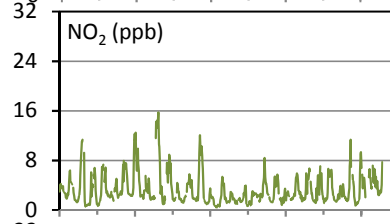
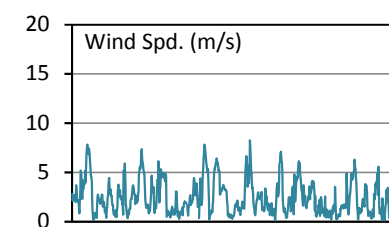
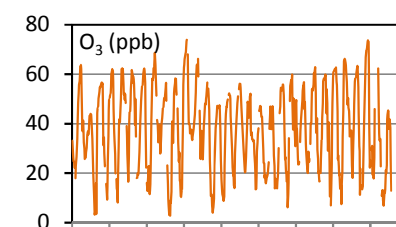
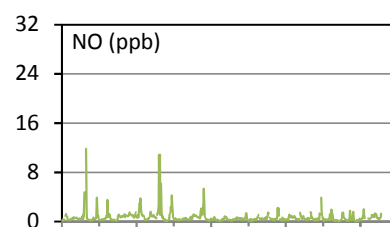
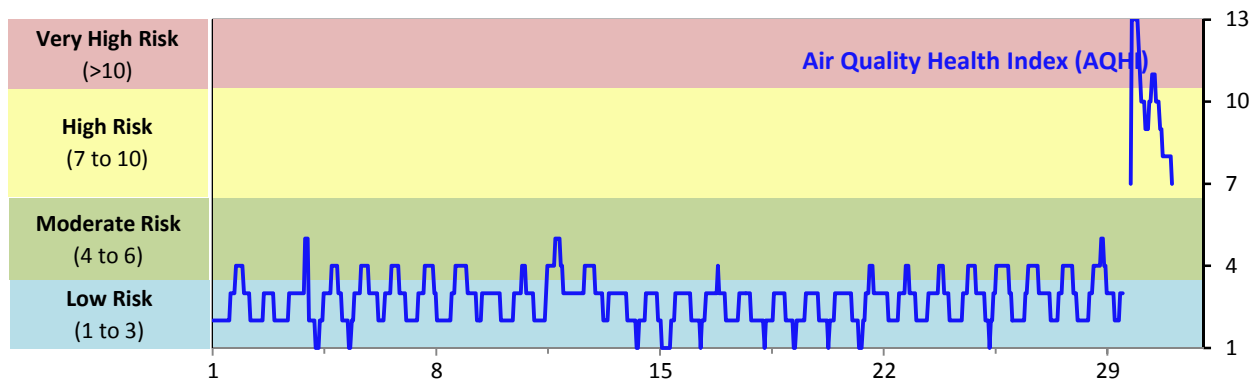


Exceedance Summary (24-Hour Average)												
Pollutant	Conc. ppb	Exceedance Date mmm-dd	WS m/s	WD deg	AQHI -	Rain mm	NO ppb	NO2 ppb	NOx ppb	O3 ppb	PM2.5 ug/m3	
PM2.5	82	Jun-30	1.1	175	6	0.0	0.2	1.3	1.5	24	82	
PM2.5	79	Jun-29	1.3	217	5	0.0	0.2	1.7	2.0	38	79	

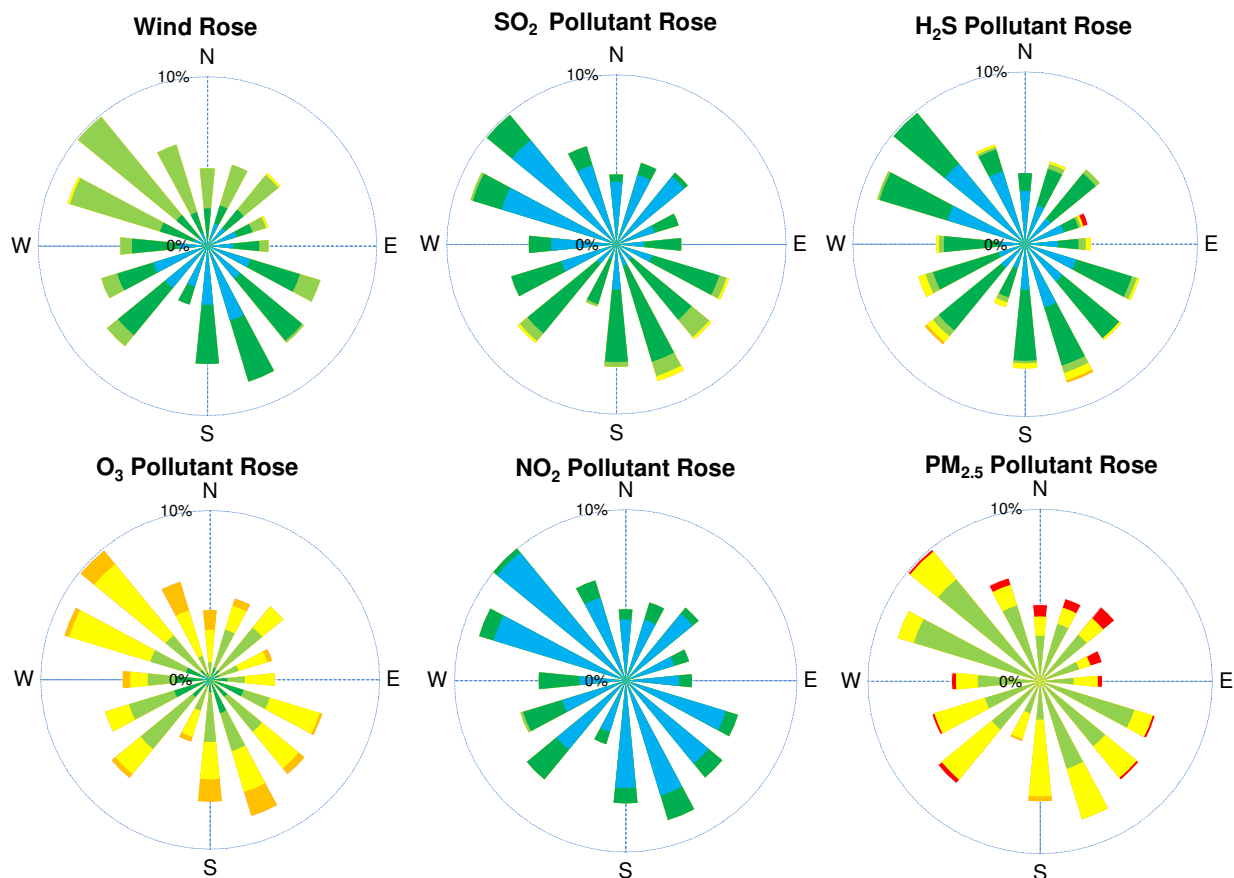
SESAA Weyburn Station - June 2015 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.7	99.4%	2.3	Jun-10	-	-	11.8	Jun-03 06:00	-	-
NO ₂	ppb	3.3	99.4%	6.4	Jun-10	106	0	15.8	Jun-10 04:00	159	0
NO _x	ppb	4.0	99.4%	8.6	Jun-10	-	-	26.5	Jun-10 04:00	-	-
SO ₂	ppb	1.5	99.6%	3.8	Jun-26	48	0	34.3	Jun-21 08:00	172	0
O ₃	ppb	38	99.7%	45	Jun-12	-	-	74	Jun-11 18:00	82	0
H ₂ S	ppb	1.5	99.7%	2.5	Jun-3	3.6	0	16.8	Jun-03 06:00	11	2
PM _{2.5}	ug/m3	16	99.7%	155	Jun-30	28	2	290	Jun-29 18:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



SESAA Weyburn Station - June 2015 Summary Report



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
O ₃	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$
H ₂ S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

Monthly Update

*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards, with the exception of 2 1-hour H₂S and 2 24-hour PM_{2.5} exceedance events. Please refer to the exceedance summary table for details. The PM_{2.5} events are attributed to wildfire smoke in the region on June 29-30.

*All compliance parameters are above 90% operational.

*2-4 hours of data for all parameters is flagged as "power failure" throughout the month due to intermittent power disruptions.

*Routine quarterly calibrations were completed on June 29.

Exceedance Summary

1-hour Exceedance Information			Summary of Other Parameters During Exceedance								
Pollutant	Conc. ppb	Exceedance Time mmm-dd hh:mm	WS m/s	WD deg	AQHI -	Rain mm	SO2 ppb	NO2 ppb	O3 ppb	H2S ppb	PM2.5 ug/m3
H2S	16.8	Jun-03 06:00	0.8	60	2	0.1	1.3	9.2	4	16.8	6
H2S	13.6	Jun-29 05:00	0.3	62	2	0.0	1.0	5.2	19	13.6	17
24-hour Exceedance Information			WS	WD	AQHI	Rain	SO ₂	NO ₂	O ₃	H ₂ S	PM _{2.5}
PM2.5	155	Jun-30	1.5	128	9	0.1	0.4	4.2	24	0.8	155
PM2.5	75	Jun-29	2.2	147	6	0.0	-	-	-	-	75