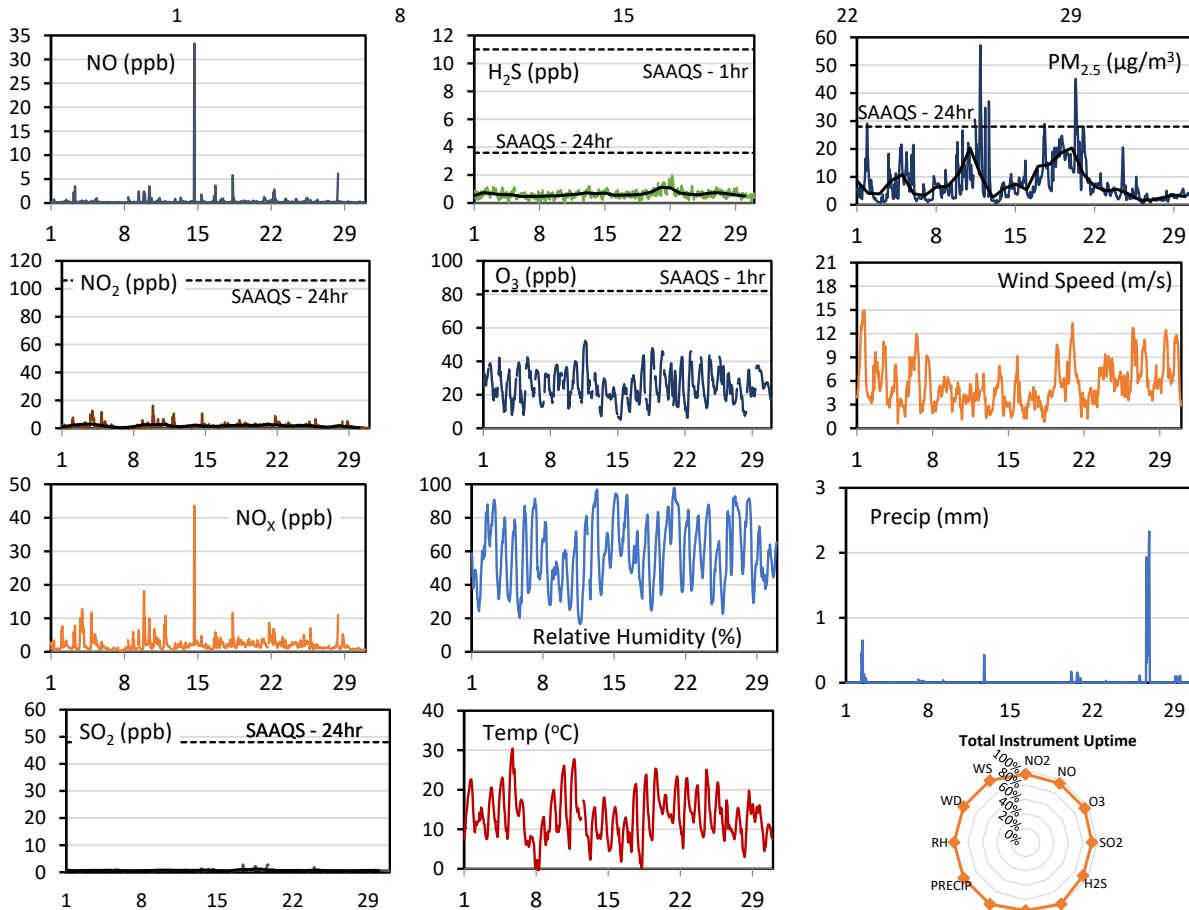
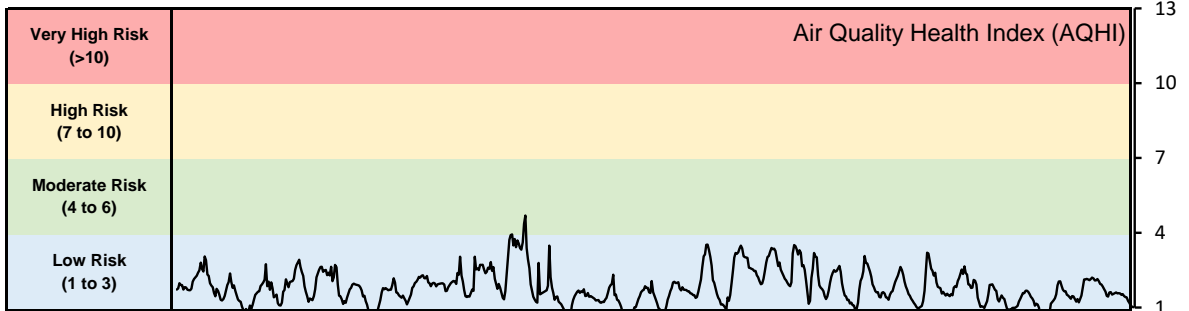


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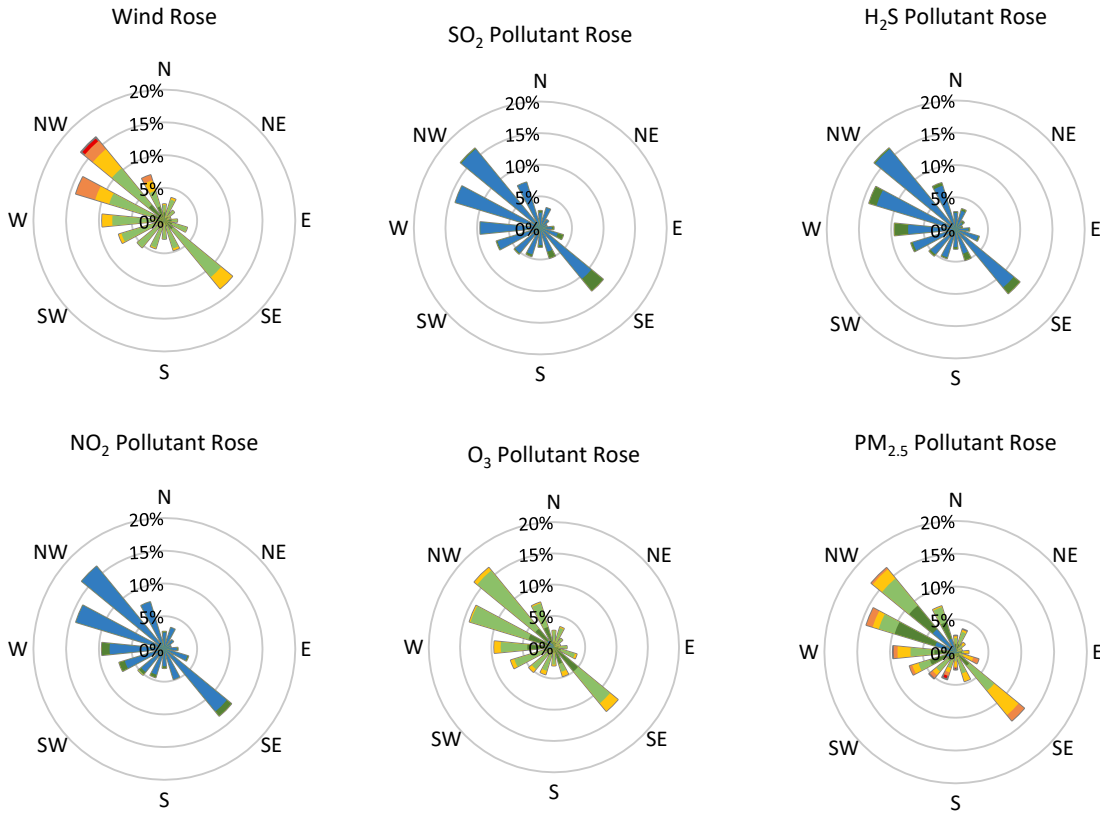
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Total Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.4	95%	1.7	Sep-14	-	-	33.3	Sep-14 16:00	-	-
NO ₂	ppb	1.8	95%	3.0	Sep-04	106	0	16.3	Sep-09 21:00	159	0
NO _x	ppb	2.2	95%	4.0	Sep-14	-	-	43.6	Sep-14 16:00	-	-
SO ₂	ppb	0.7	93%	1.2	Sep-19	48	0	2.9	Sep-19 17:00	172	0
H ₂ S	ppb	0.6	93%	1.1	Sep-21	3.6	0	2.0	Sep-22 05:00	11	0
O ₃	ppb	25.3	95%	34.8	Sep-11	-	-	52.3	Sep-11 15:00	82	0
PM _{2.5}	µg/m ³	7.6	99%	20.3	Sep-20	28	0	57.2	Sep-11 22:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



* colored lines indicate 1-hr concentration data for all parameters; solid black lines indicate 24-hr concentrations for PM_{2.5}, NO₂, SO₂, and H₂S

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Parameters	Unit	Color Code for Wind Speed and Pollution Concentration Class						
		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	
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	
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82	
PM _{2.5}	μg/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30	

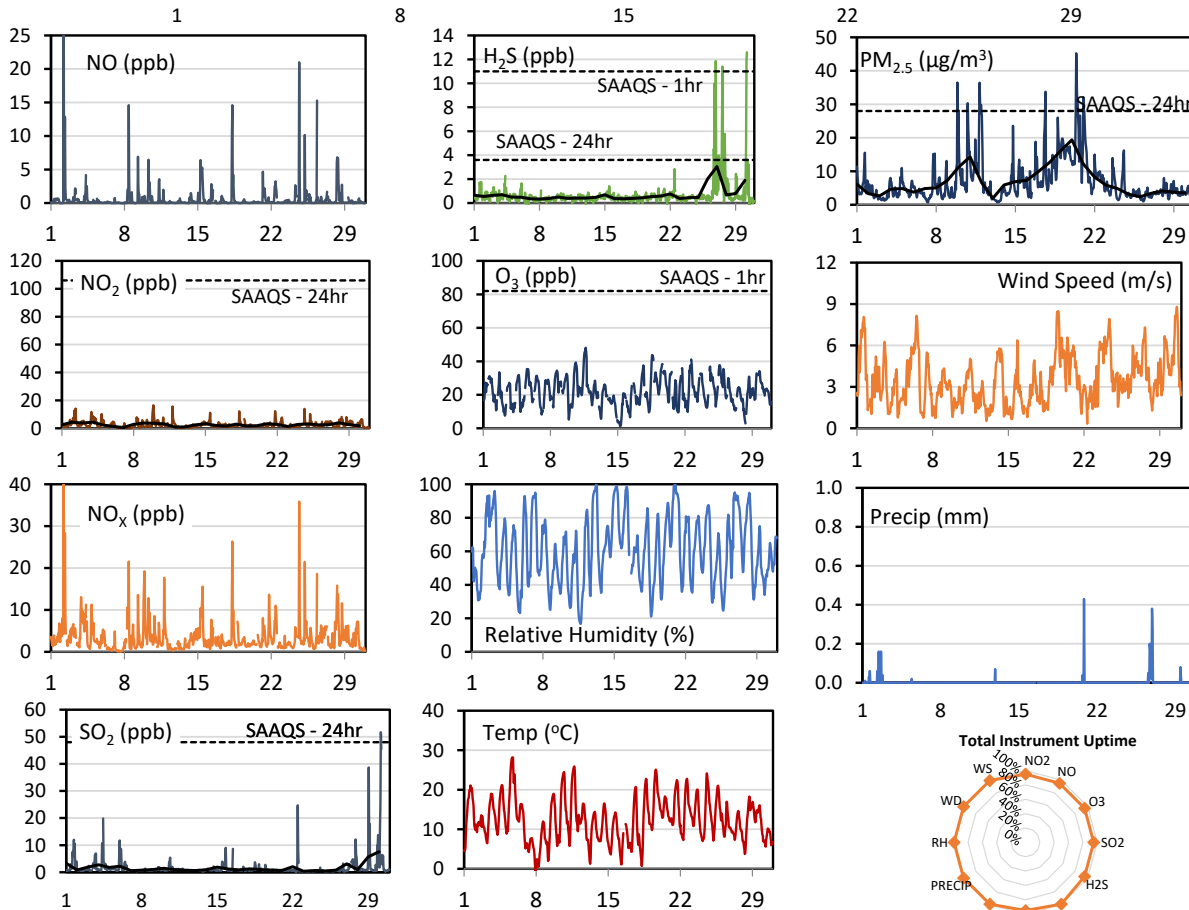
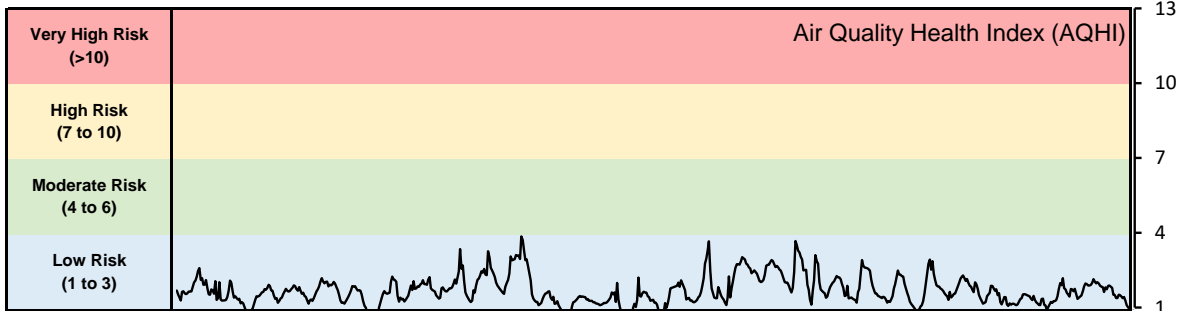
Monthly Update

- Achieved > 92% of scheduled uptime for all parameters
- Downtime of <8% due to routine daily internal zeroes and spans

GPAZ Regina Station - September 2020 Summary Report

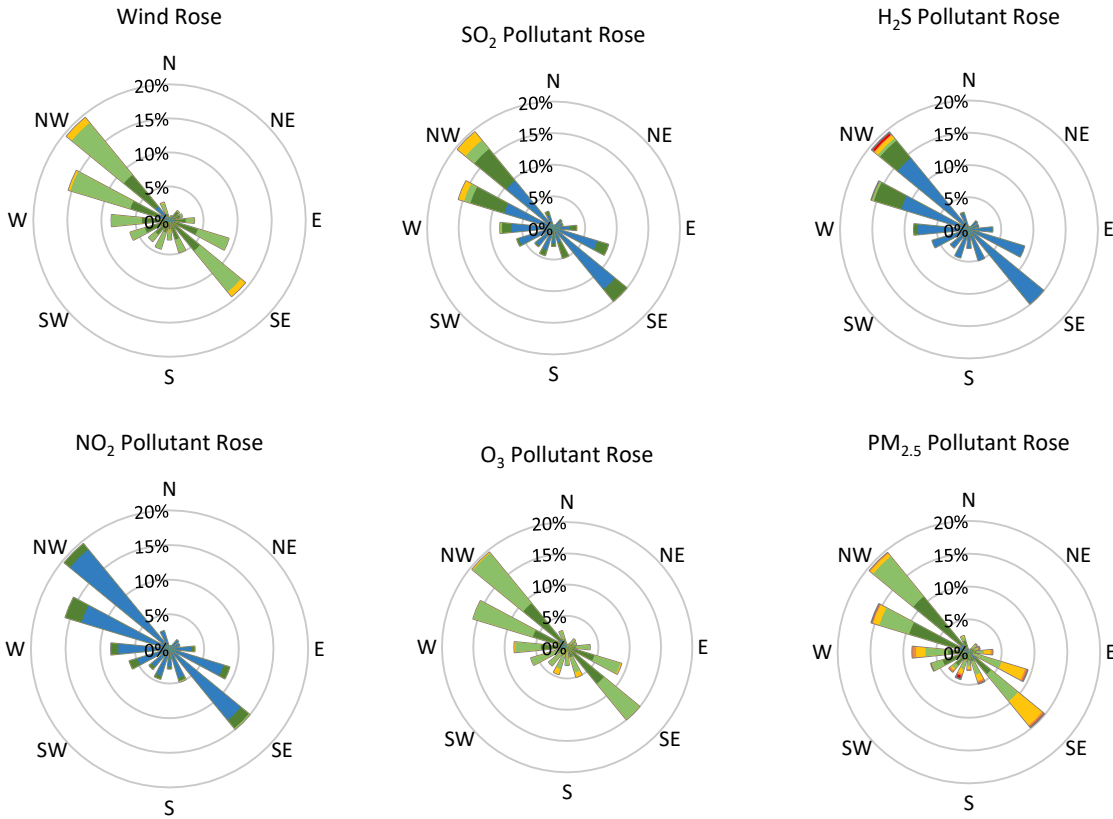
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Total Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.6	95%	2.5	Sep-02	-	-	36.1	Sep-02 05:00	-	-
NO ₂	ppb	2.6	95%	4.4	Sep-02	106	0	16.5	Sep-09 22:00	159	0
NO _x	ppb	3.4	95%	7.2	Sep-02	-	-	49.0	Sep-02 05:00	-	-
SO ₂	ppb	1.6	95%	7.6	Sep-30	48	0	51.7	Sep-30 04:00	172	0
H ₂ S	ppb	0.7	95%	3.1	Sep-27	3.6	0	12.6	Sep-30 05:00	11	4
O ₃	ppb	22.2	95%	31.4	Sep-11	-	-	48.1	Sep-11 16:00	82	0
PM _{2.5}	µg/m ³	6.9	99%	19.4	Sep-20	28	0	45.2	Sep-20 09:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



* colored lines indicate 1-hr concentration data for all parameters; solid black lines indicate 24-hr concentrations for PM_{2.5}, NO₂, SO₂, and H₂S

GPAZ Regina Station - September 2020 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollution Concentration 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
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
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82
PM _{2.5}	µg/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

Monthly Update

- Achieved > 95% of scheduled uptime for all parameters
- Downtime of <5% due to routine daily internal zeroes and spans

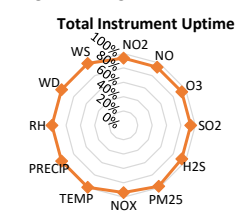
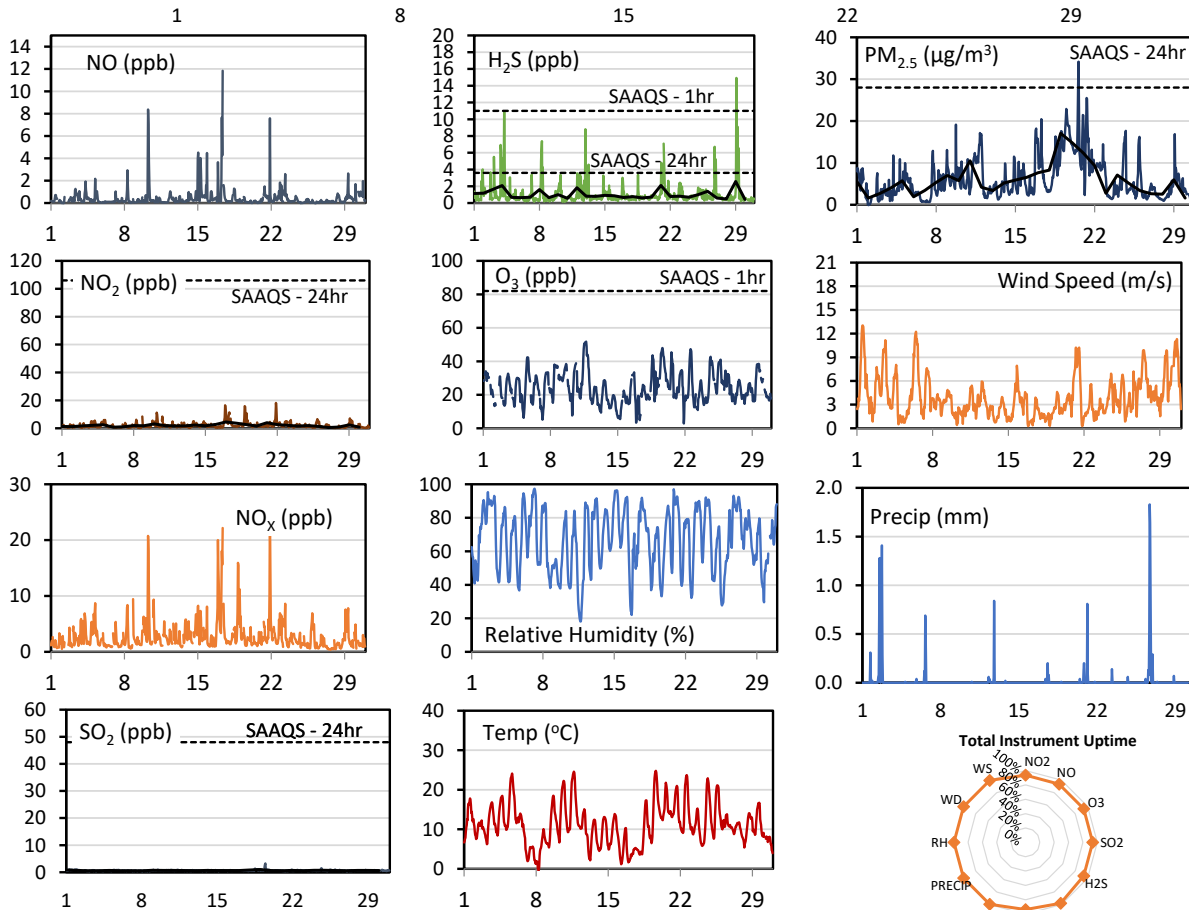
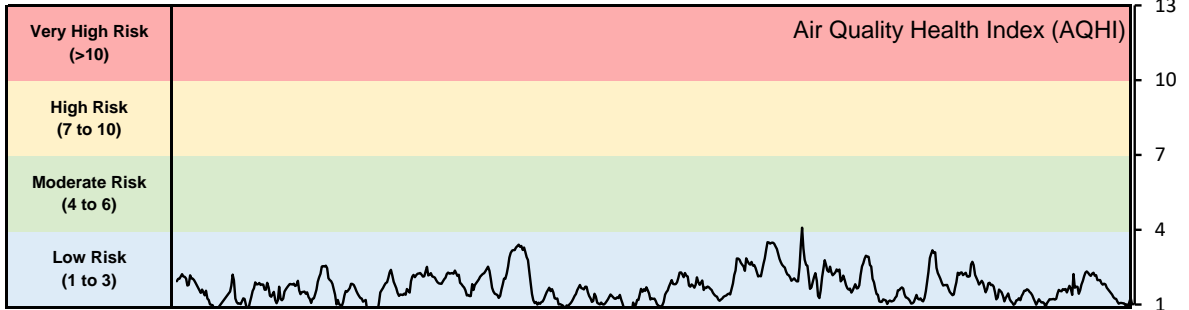
Exceedance Summary (1- Hour Average - Exceedances in Bold)

Exceedance Time	AQHI	NO ₂	NO	SO ₂	O ₃	NO _x	H ₂ S	PM _{2.5}	WD	WS
	-	ppb	ppb	ppb	ppb	ppb	ppb	µg/m ³	deg	m/s
Sep-26 21:00	1.3	3.9	0.1	0.5	15.8	4.4	11.9	2.7	301.9	5.5
Sep-27 14:00	1.5	1.3	0.4	4.8	23.9	1.9	11.4	3.6	308.3	6.9
Sep-30 04:00	1.9	6.1	0.1	51.7	22.5	6.8	11.9	4.1	305.3	5.3
Sep-30 05:00	1.9	6.5	0.1	45.5	21.4	7.2	12.6	5.0	304.7	5.3

GPAZ Yorkton Station - September 2020 Summary Report

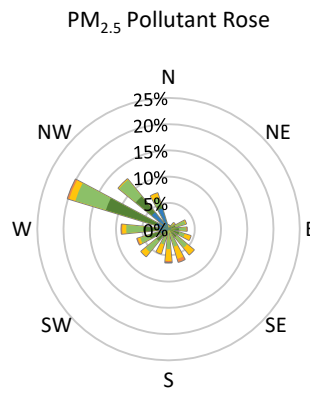
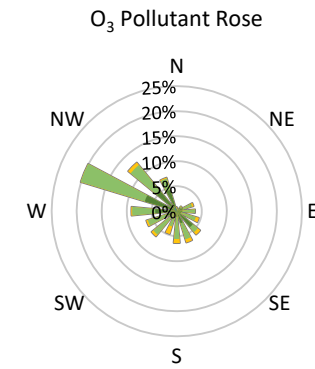
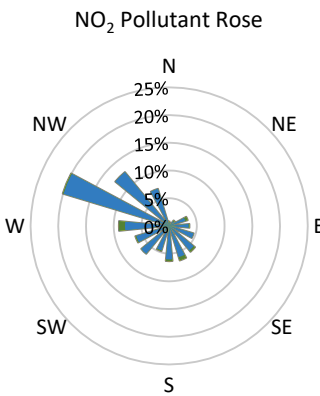
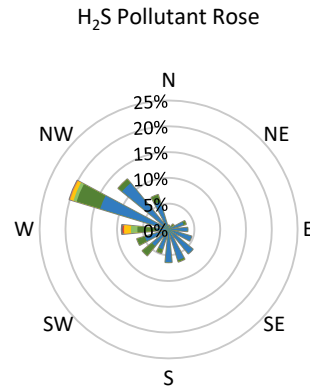
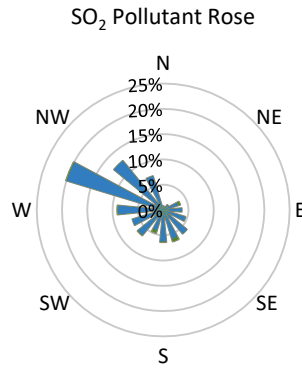
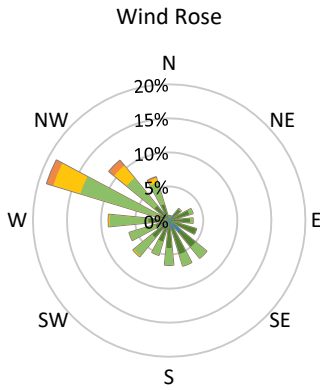
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Total Uptime	Maximum		SAAQS Standard	Exceed Days	Maximum		SAAQS Standard	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.4	94%	1.4	Sep-15	-	-	11.8	Sep-17 09:00	-	-
NO ₂	ppb	2.0	94%	4.5	Sep-17	106	0	18.2	Sep-21 21:00	159	0
NO _x	ppb	2.7	94%	6.0	Sep-17	-	-	25.6	Sep-21 21:00	-	-
SO ₂	ppb	0.6	94%	1.0	Sep-19	48	0	3.3	Sep-19 11:00	172	0
H ₂ S	ppb	1.0	94%	2.6	Sep-29	3.6	0	14.9	Sep-29 02:00	11	1
O ₃	ppb	24.4	94%	36.6	Sep-11	-	-	51.8	Sep-11 17:00	82	0
PM _{2.5}	µg/m ³	6.0	98%	17.1	Sep-19	28	0	34.2	Sep-20 14:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



* colored lines indicate 1-hr concentration data for all parameters; solid black lines indicate 24-hr concentrations for PM_{2.5}, NO₂, SO₂, and H₂S

CPAZ Yorkton Station - September 2020 Summary Report



Parameters	Unit	Color Code for Wind Speed and Pollution Concentration 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
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
O ₃	ppb	0 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 40	40 ≤ C < 60	60 ≤ C < 82	C ≥ 82
PM _{2.5}	µg/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

Monthly Update

- Achieved > 93% of scheduled uptime for all parameters
- Downtime of <7% due to routine daily internal zeroes and spans, and quarterly calibration

Exceedance Summary (1- Hour Average - Exceedances in Bold)

Exceedance Time	AQHI	NO ₂	NO	SO ₂	O ₃	NO _x	H ₂ S	PM _{2.5}	WD	WS
	-	ppb	ppb	ppb	ppb	ppb	ppb	µg/m ³	deg	m/s
Sep-29 02:00	2.2	7.1	0.5	0.7	16.2	7.6	14.9	16.9	273.4	3.0