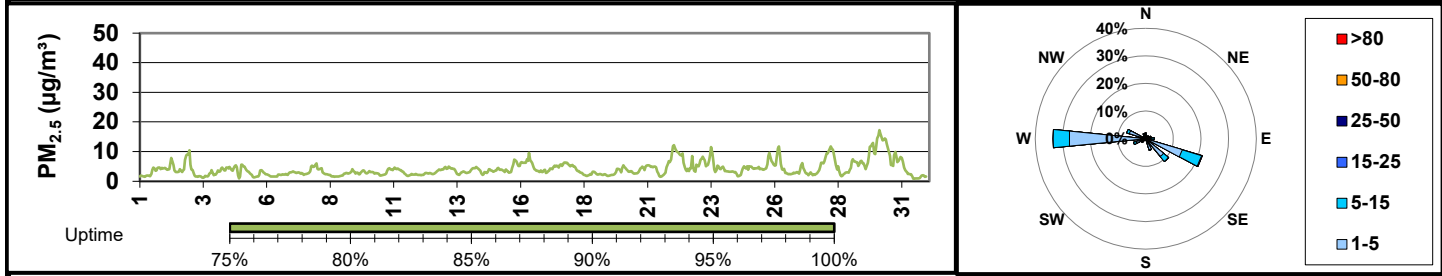
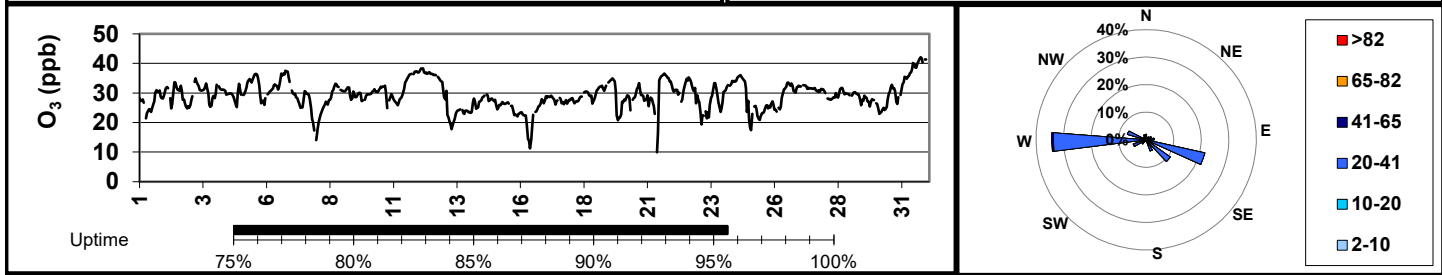
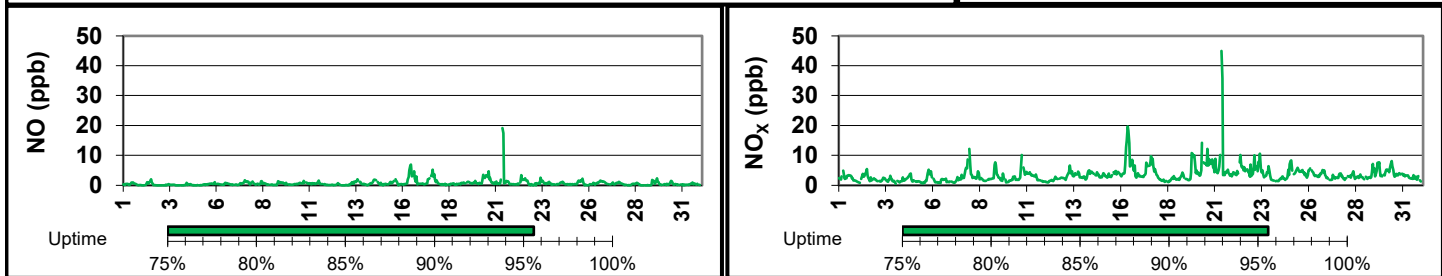
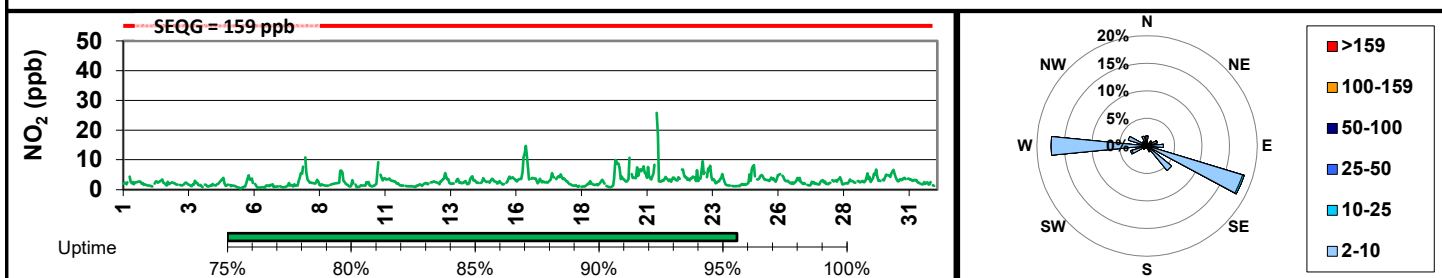
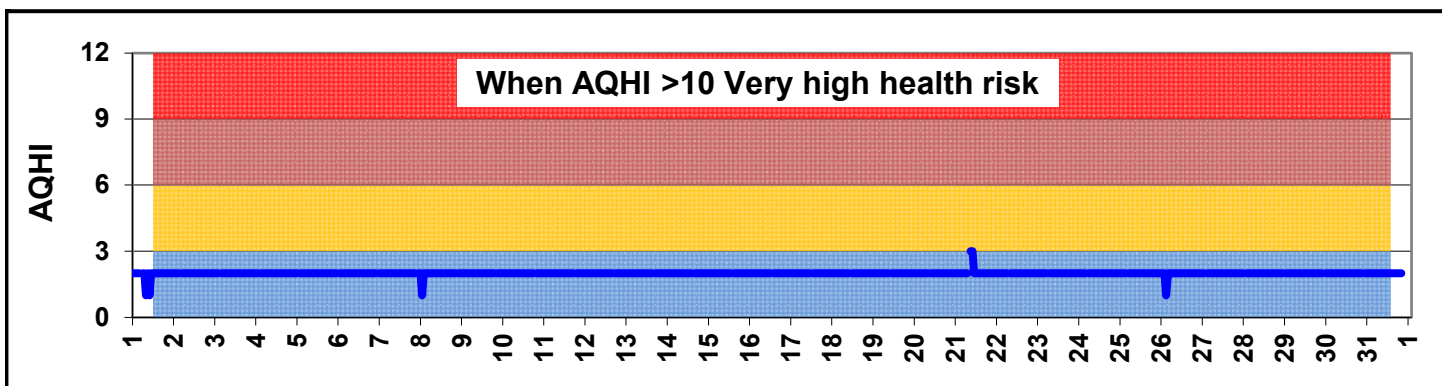
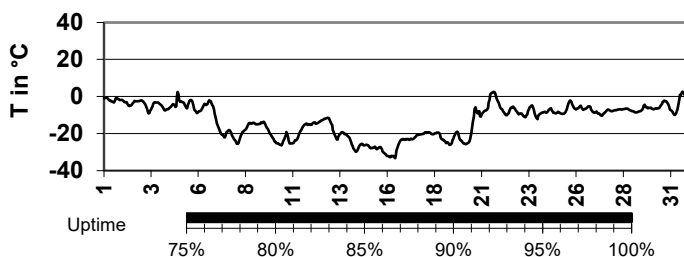
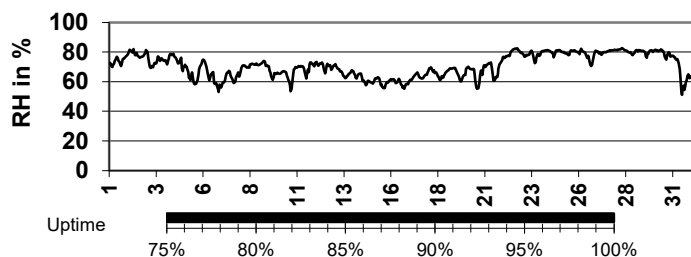
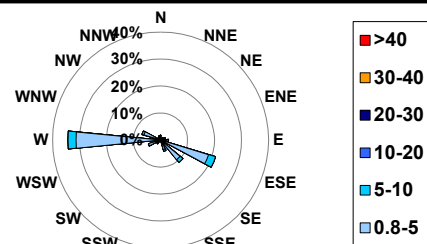
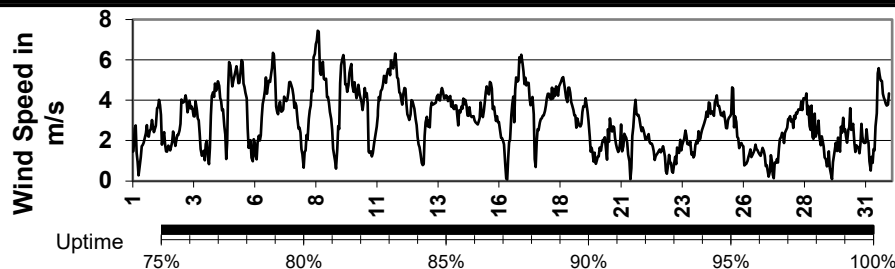


SESAA - January 2020 Esterhazy Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.7	96%	19.2	-	Jan-21 09:00	2.2	-	Jan-21	- / -
NO ₂ (ppb)	2.9	96%	25.8	159	Jan-21 09:00	5.3	106	Jan-21	0 / 0
NO _x (ppb)	3.5	96%	45.0	-	Jan-21 09:00	7.4	-	Jan-21	- / -
O ₃ (ppb)	29.2	96%	42.1	82	Jan-31 18:00	36.3	63	Jan-31	0 / 0
PM _{2.5} (µg/m ³)	4.1	100%	17.3	-	Jan-30 03:00	10.8	28	Jan-30	- / 0



SESAA - January 2020 Esterhazy Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-31 18:00	1.6	-	-	42.1	17.3	4.1	269.9	0.4	61.2

Update Summary:

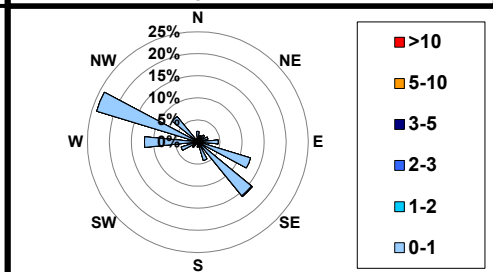
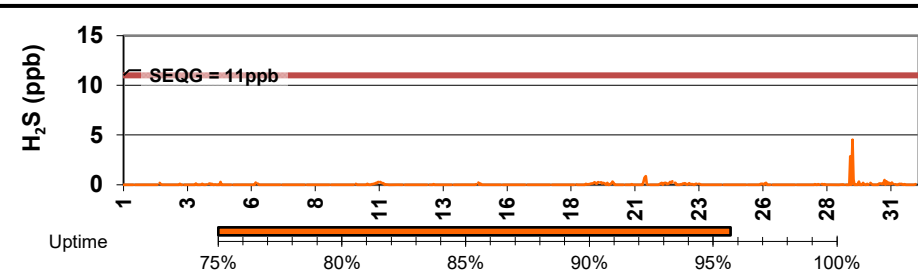
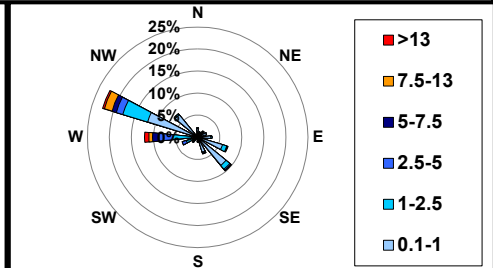
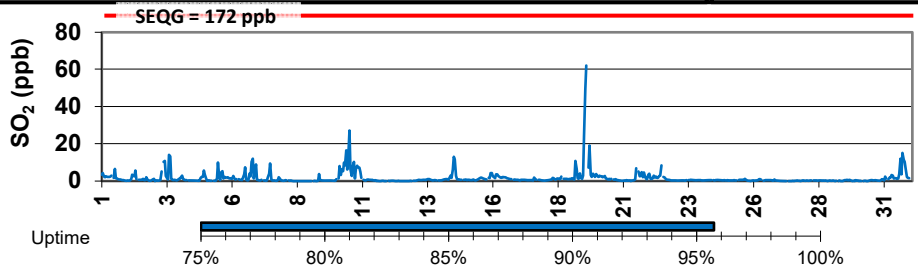
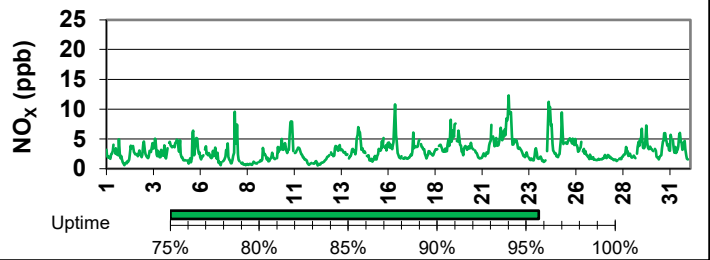
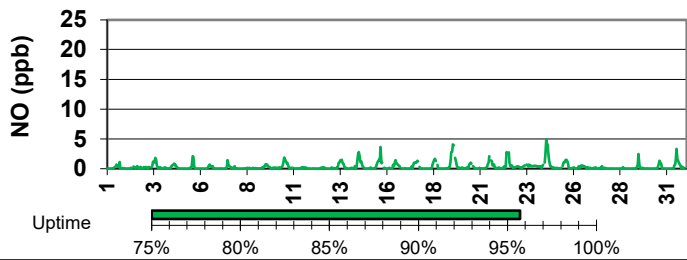
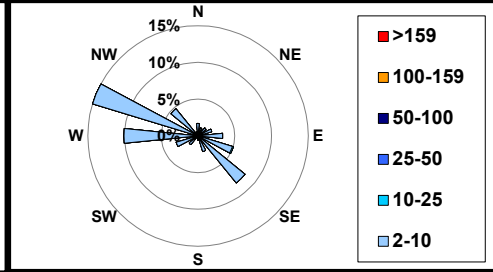
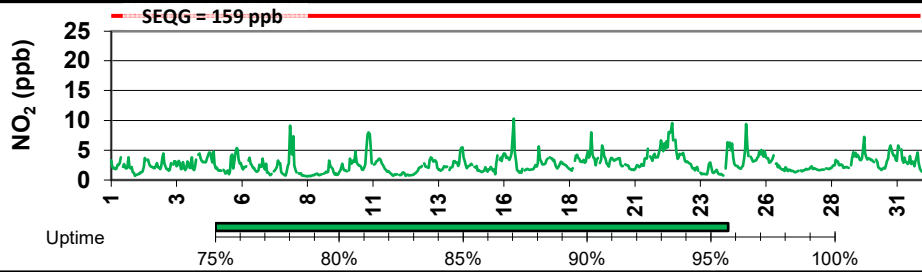
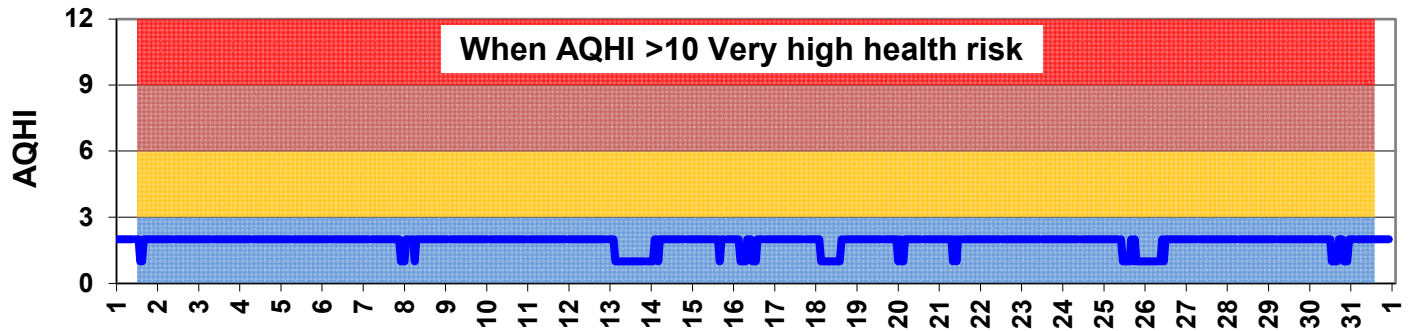
There were no readings above the SEQG

Equipment was running above 90% uptime

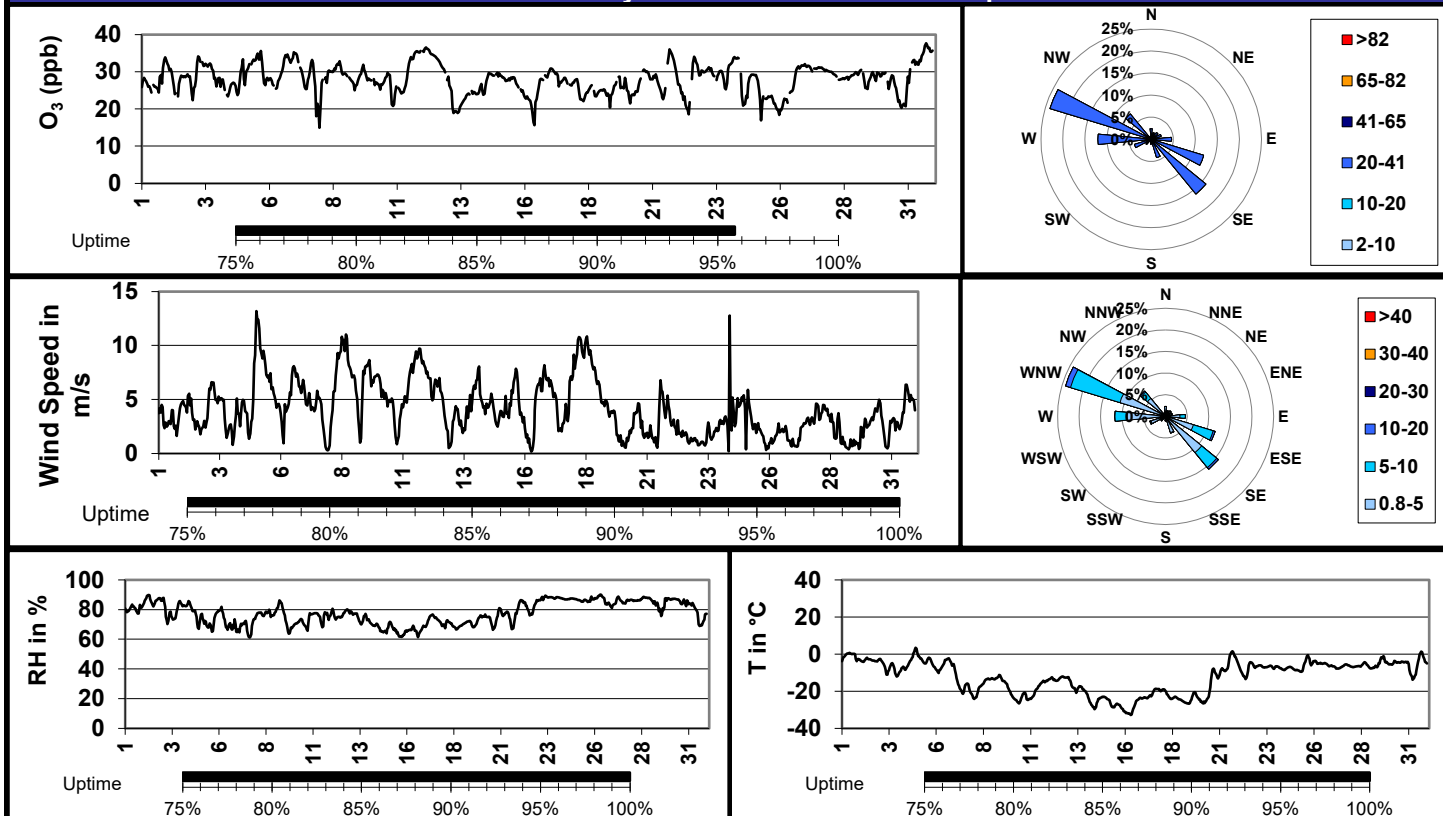
Overall readings for the month resulted in a low Air Quality Health Index

SESAA - January 2020 Glen Ewen Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	-	96%	4.9	-	Jan-24 13:00	1.1	-	Jan-24	- / -
NO ₂ (ppb)	-	96%	10.4	159	Jan-16 09:00	5.3	106	Jan-22	0 / 0
NO _x (ppb)	-	96%	12.3	-	Jan-22 10:00	5.9	-	Jan-22	- / -
SO ₂ (ppb)	1.5	96%	62.0	172	Jan-19 14:00	8.9	48	Jan-19	0 / 0
H ₂ S (ppb)	0.0	96%	4.5	11	Jan-29 12:00	0.4	3.6	Jan-29	0 / 0
O ₃ (ppb)	28.0	96%	37.7	82	Jan-31 17:00	32.3	63	Jan-31	0 / 0



SESAA - January 2020 Glen Ewen Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-29 12:00	4.2	0.3	4.5	27.8	-	0.7	137.0	-3.3	78.5

Update Summary:

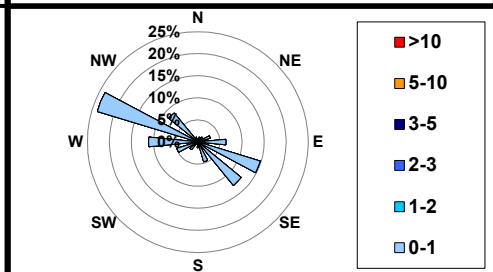
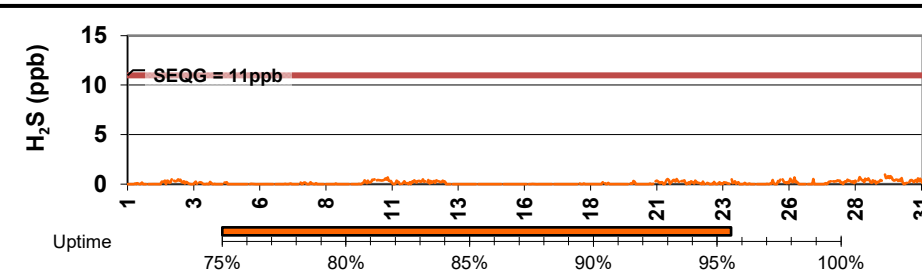
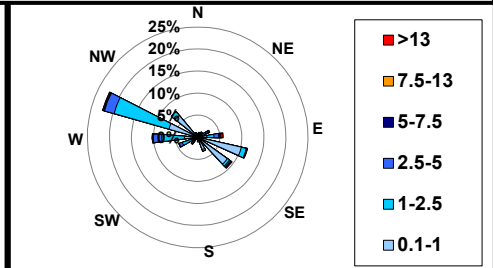
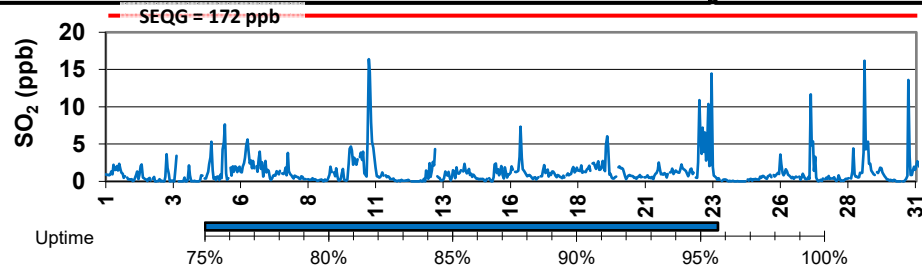
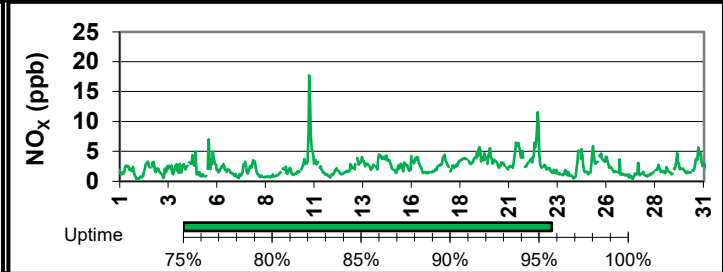
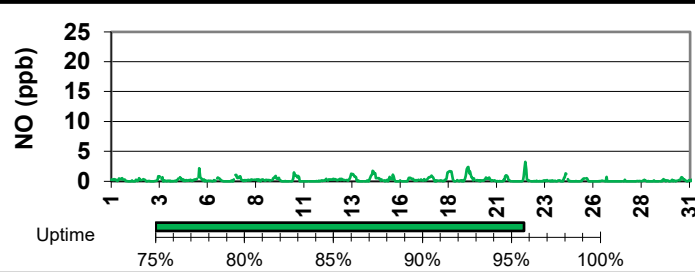
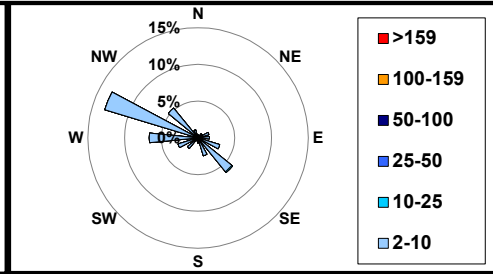
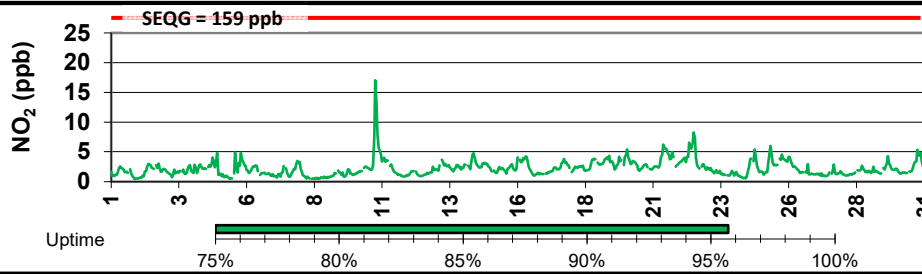
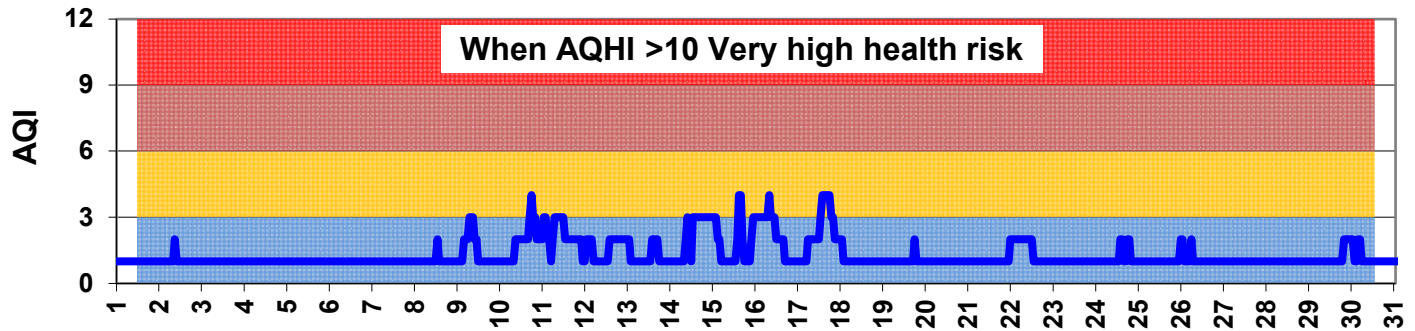
There were no readings above the SEQG

Equipment was running above 90% uptime

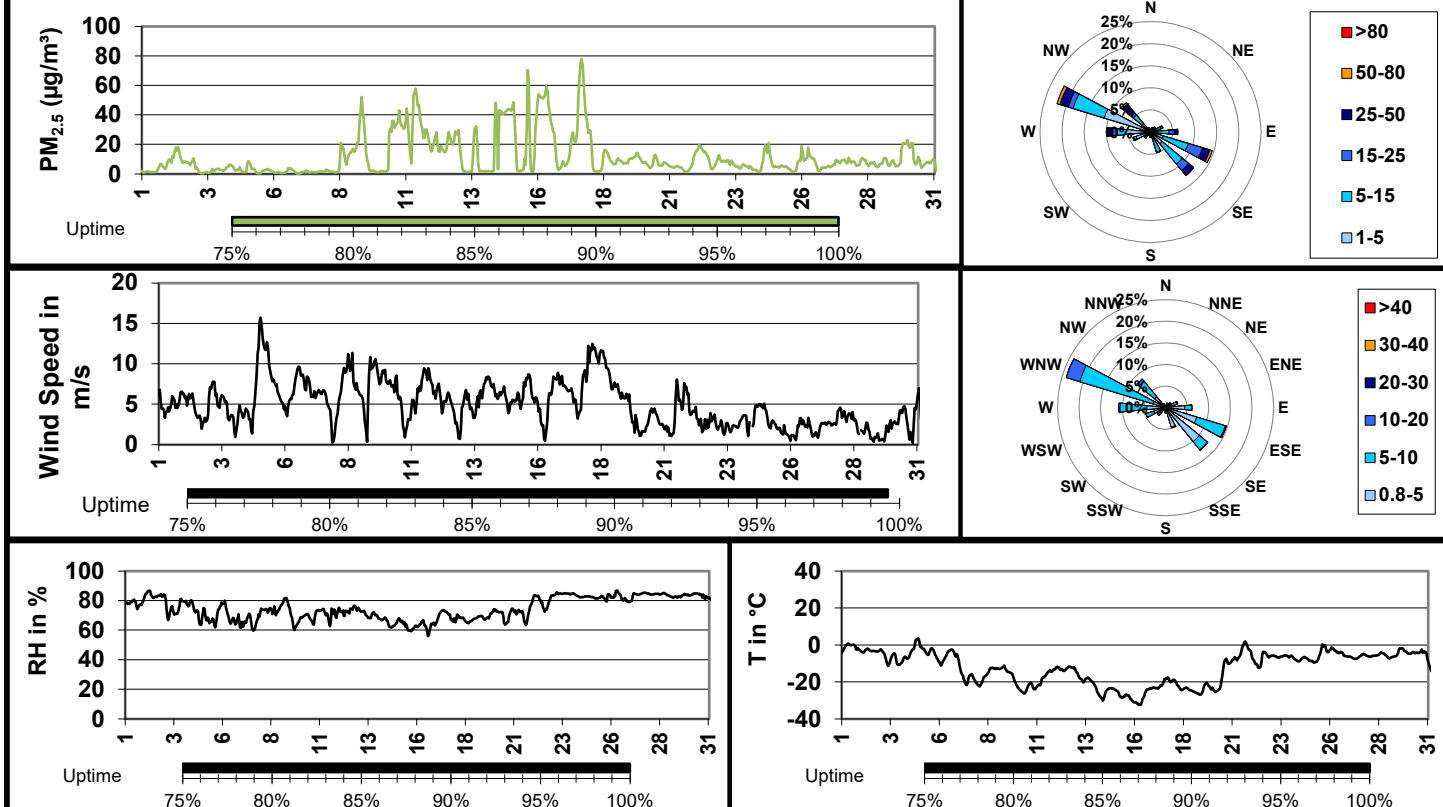
Overall readings for the month resulted in a low Air Quality Health Index

SESAA - January 2020 Oxbow Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.2	96%	3.3	-	Jan-22 12:00	0.6	-	Jan-19	- / -
NO ₂ (ppb)	2.2	96%	17.0	159	Jan-10 18:00	3.9	106	Jan-22	0 / 0
NO _x (ppb)	2.4	96%	17.7	-	Jan-10 18:00	4.2	-	Jan-22	- / -
SO ₂ (ppb)	1.3	96%	16.4	172	Jan-10 18:00	4.3	-	Jan-10	0 / 0
H ₂ S (ppb)	0.1	96%	1.0	11	Jan-29 15:00	0.4	3.6	Jan-29	0 / 0
PM _{2.5} (µg/m ³)	11.4	100%	77.9	-	Jan-17 16:00	33.6	28	Jan-16	- / 3



SESAA - January 2020 Oxbow Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-29 15:00	3.1	1.1	1.0	-	5.3	0.7	210.7	-2.0	82.6

Update Summary:

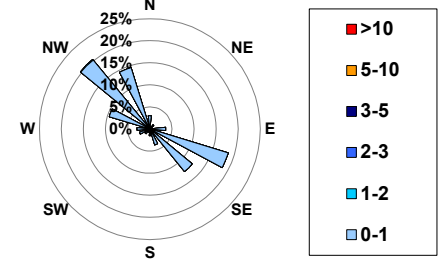
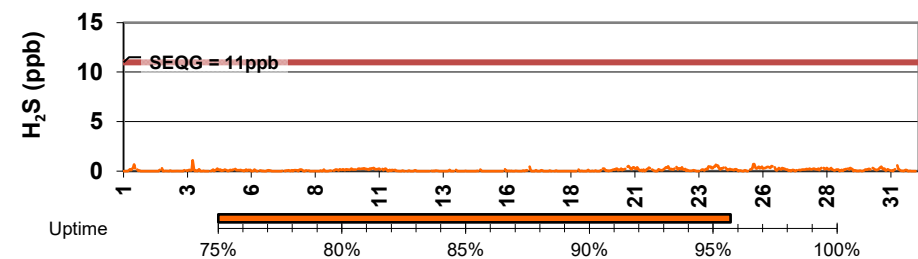
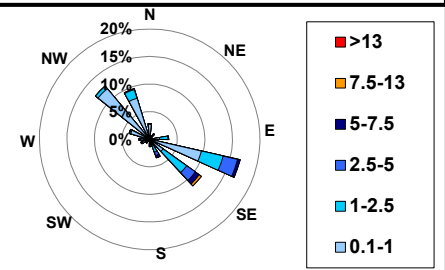
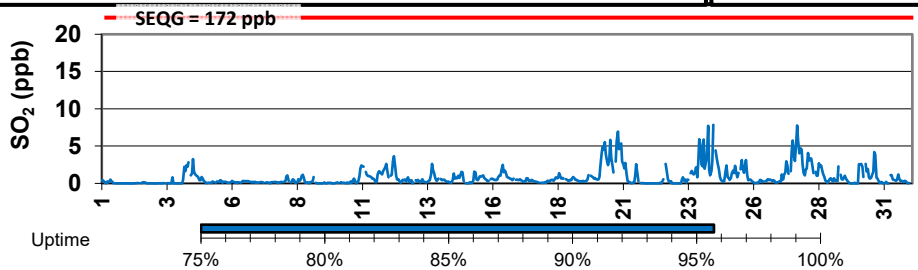
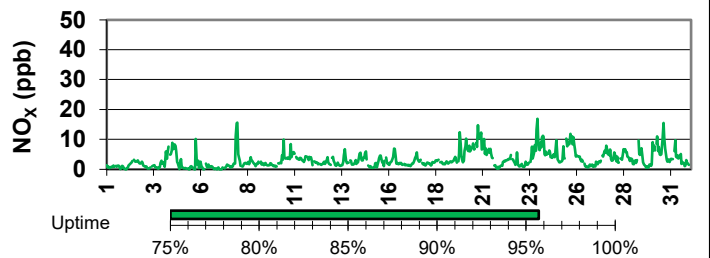
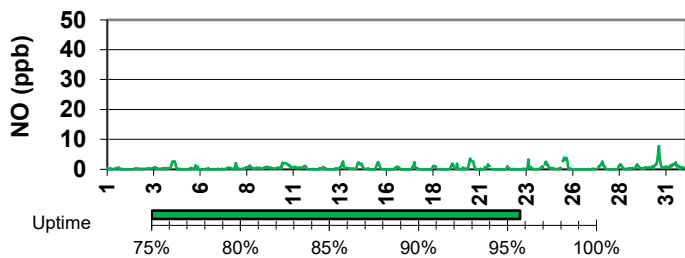
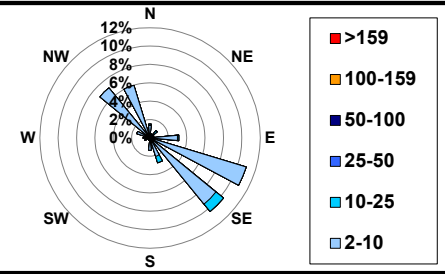
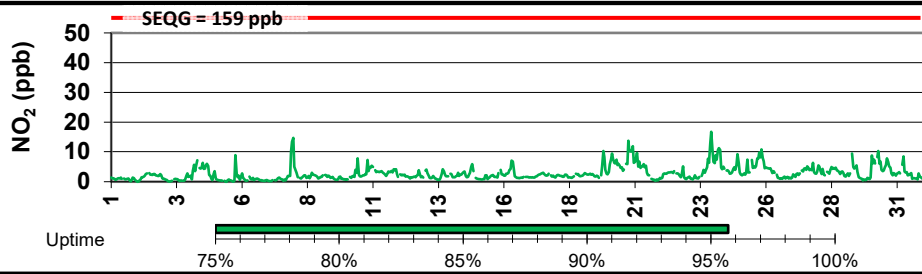
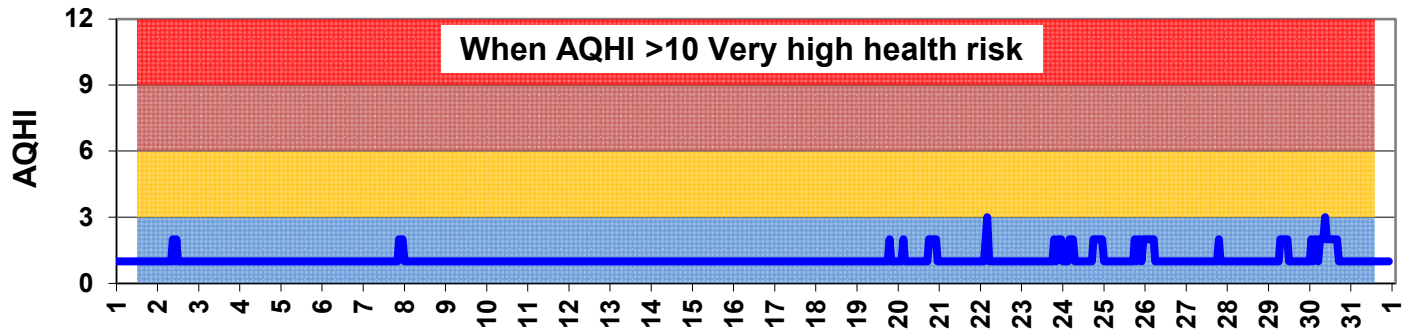
There were three readings of PM_{2.5} above 24-hr SEQG, with the highest on Jan 16 at 33.6 µg/m³

Equipment was running above 90% uptime

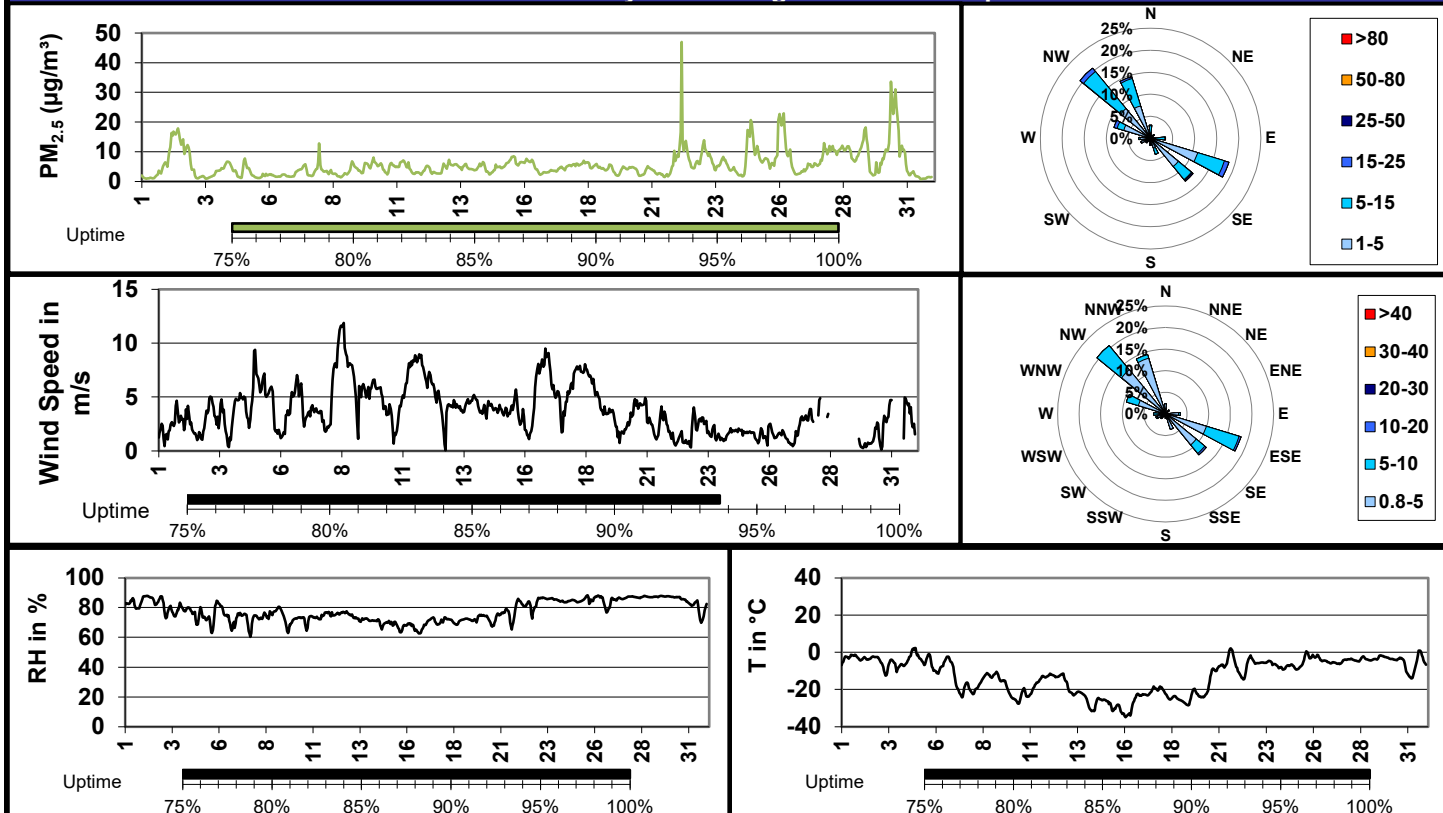
Overall readings for the month resulted in a low Air Quality Health Index except during periods of higher PM_{2.5} when the AQHI moved into the moderate category

SESAA - January 2020 Stoughton Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.5	96%	7.9	-	Jan-30 15:00	1.5	-	Jan-30	- / -
NO ₂ (ppb)	2.7	96%	16.7	159	Jan-23 22:00	6.7	106	Jan-20	0 / 0
NO _x (ppb)	3.2	96%	17.0	-	Jan-23 22:00	7.7	-	Jan-20	- / -
SO ₂ (ppb)	0.8	96%	7.9	172	Jan-24 11:00	3.4	48	Jan-20	0 / 0
H ₂ S (ppb)	0.1	96%	1.1	11	Jan-03 17:00	0.3	3.6	Jan-26	0 / 0
PM _{2.5} (µg/m ³)	5.6	100%	47.0	-	Jan-22 04:00	15.2	28	Jan-30	- / 0



SESAA - January 2020 Stoughton Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-03 17:00	0.3	0.8	1.1	-	1.6	2.5	309.2	-4.5	75.4

Update Summary:

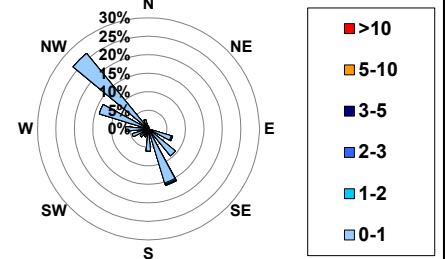
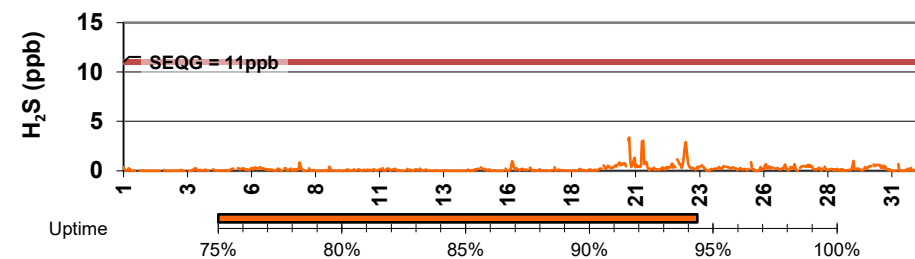
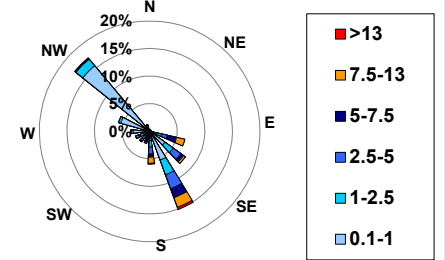
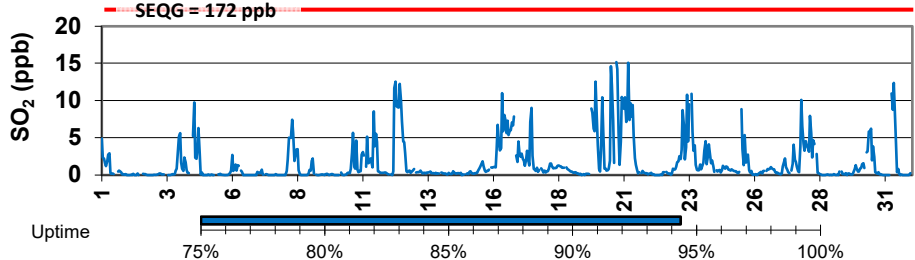
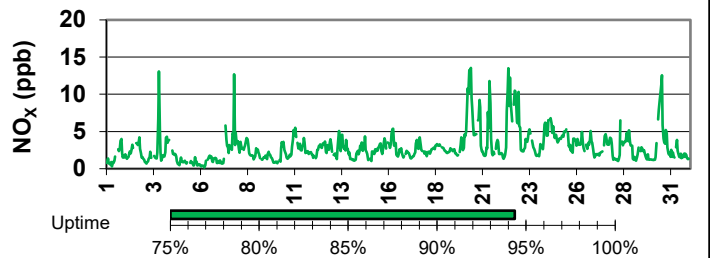
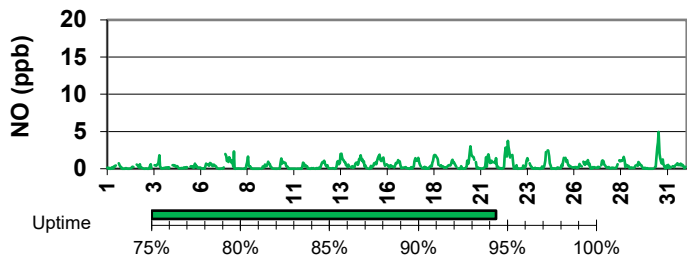
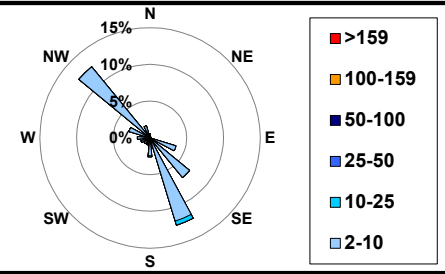
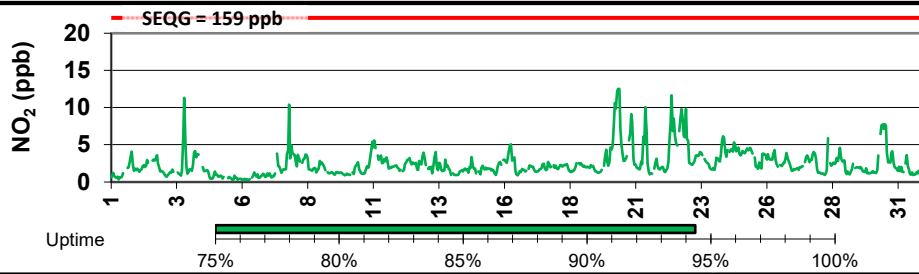
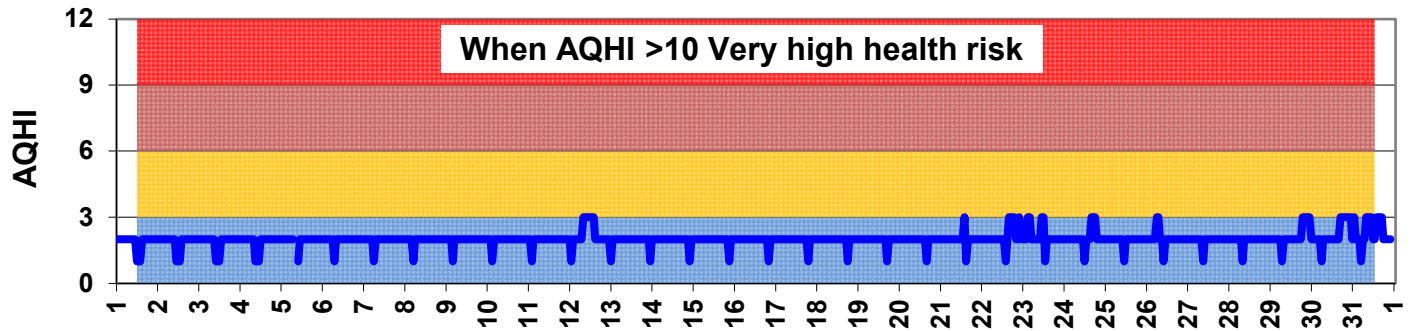
There were no readings above the SEQG

Equipment was running above 90% uptime

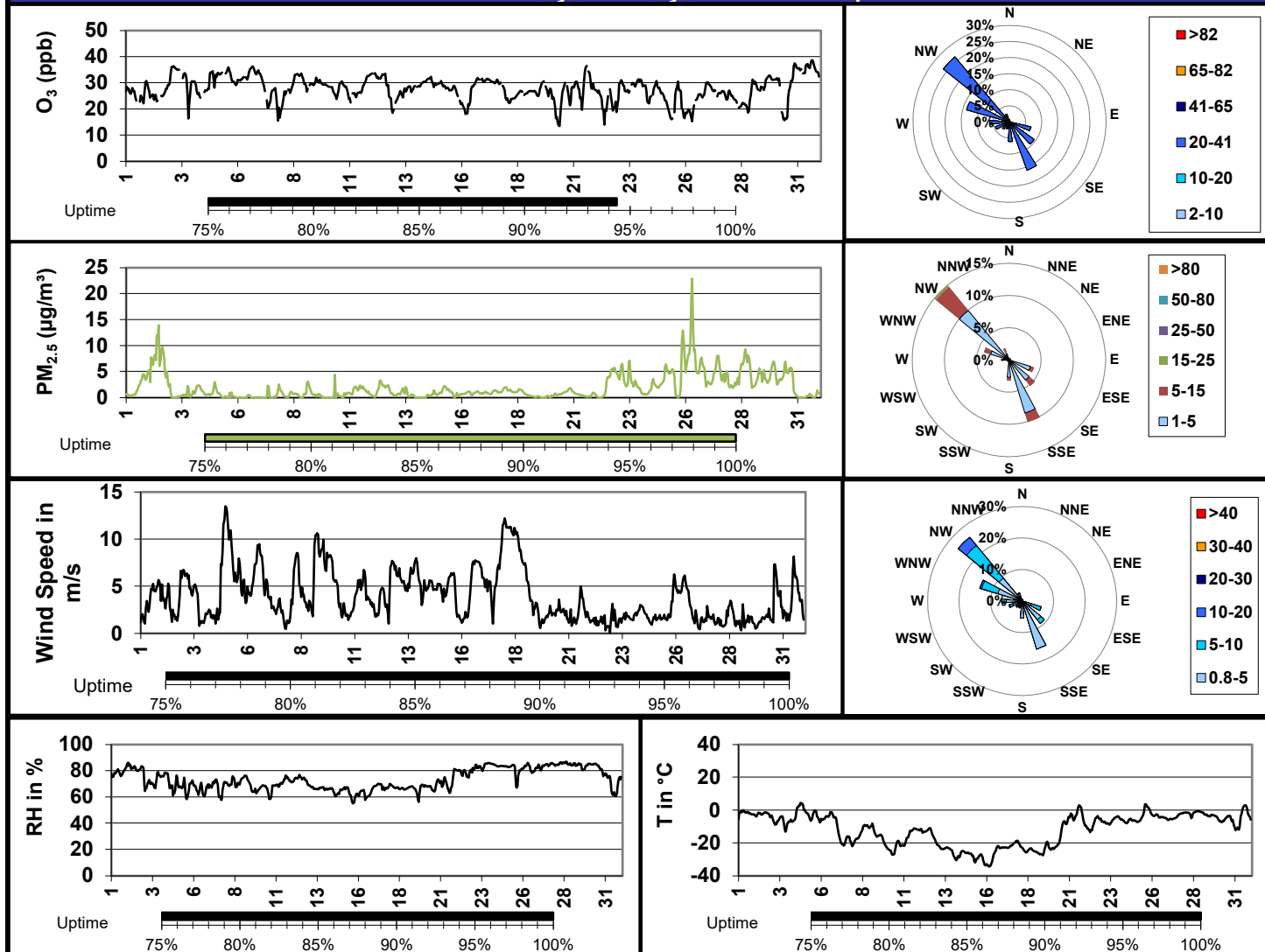
Overall readings for the month resulted in a low Air Quality Health Index

SESAA - January 2020 Weyburn Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.4	94%	5.0	-	Jan-30 13:00	1.0	-	Jan-22	- / -
NO ₂ (ppb)	2.5	94%	12.5	159	Jan-20 08:00	6.0	106	Jan-20	0 / 0
NO _x (ppb)	2.9	94%	13.5	-	Jan-20 09:00	6.8	-	Jan-20	- / -
SO ₂ (ppb)	1.6	94%	15.2	172	Jan-20 17:00	5.3	48	Jan-20	0 / 0
H ₂ S (ppb)	0.2	94%	3.4	11	Jan-20 18:00	0.8	3.6	Jan-20	0 / 0
O ₃ (ppb)	27.7	94%	38.7	82	Jan-31 16:00	34.1	63	Jan-31	0 / 0
PM _{2.5} (µg/m ³)	1.9	100%	22.9	-	Jan-26 07:00	7.7	28	Jan-26	- / 0



SESAA - January 2020 Weyburn Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-20 18:00	5.6	14.2	3.4	26.5	1.5	2.6	155.2	-7.9	70.9

Update Summary:

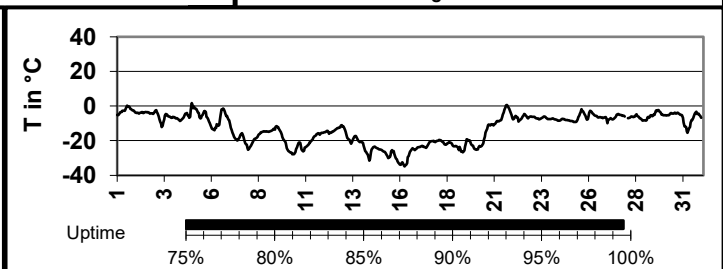
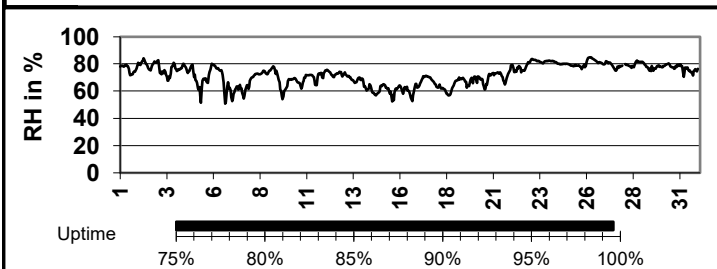
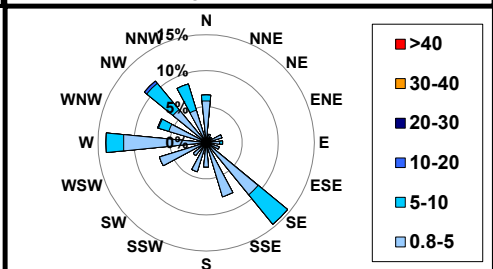
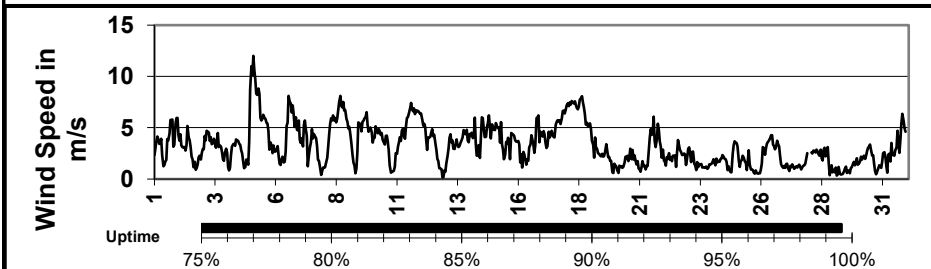
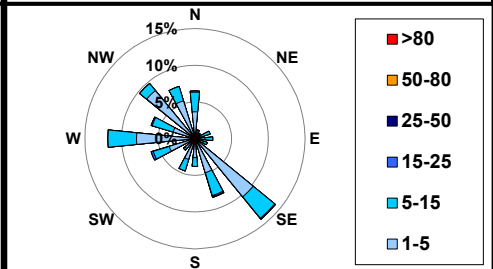
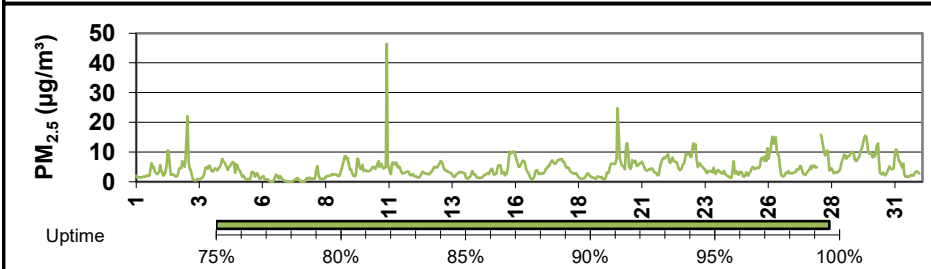
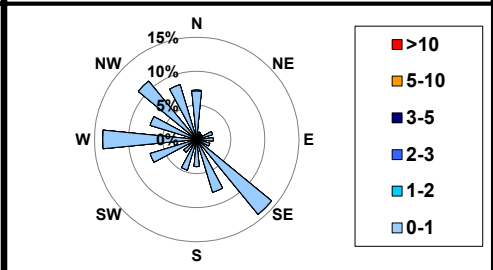
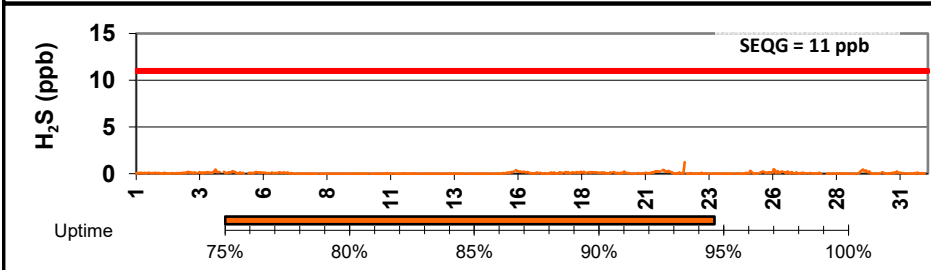
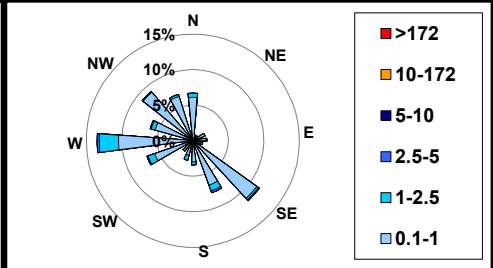
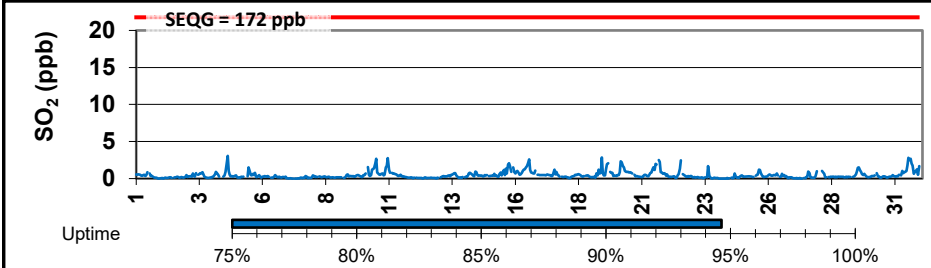
There were no elevated readings above the SEQG

Equipment was running above 90% uptime

Overall readings for the month resulted in a low Air Quality Health Index

SESAA - January 2020 Wauchope Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
SO ₂ (ppb)	0.4	95%	3.1	172	Jan-04 15:00	1.1	48	Jan-31	0 / 0
H ₂ S (ppb)	0.1	95%	1.3	11	Jan-22 13:00	0.2	3.6	Jan-21	0 / 0
PM _{2.5} (µg/m ³)	4.4	100%	46.5	-	Jan-10 22:00	10.0	28	Jan-29	- / 0



Elevated Reading Summary

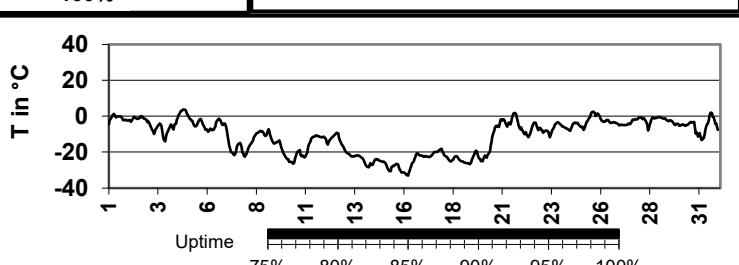
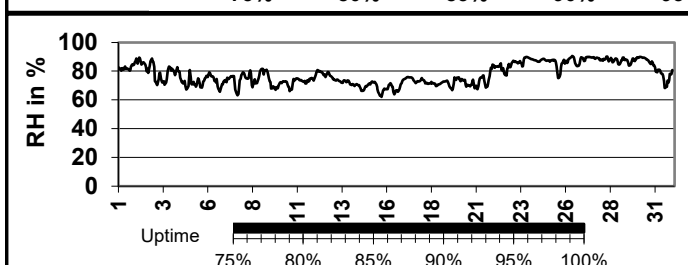
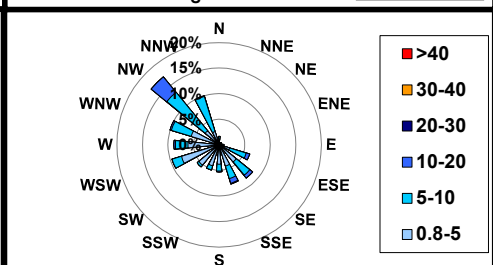
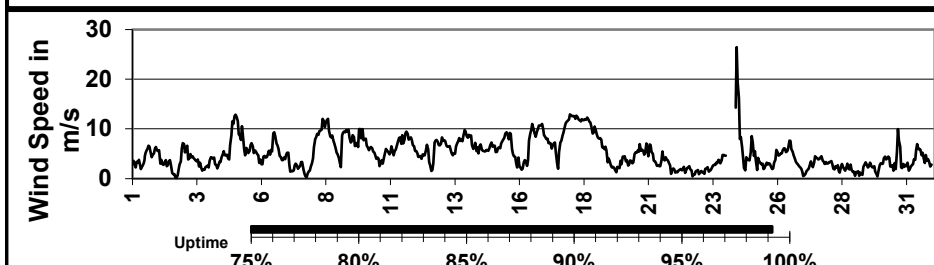
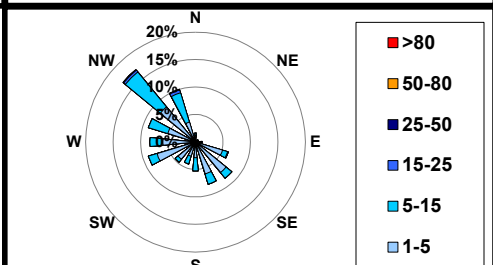
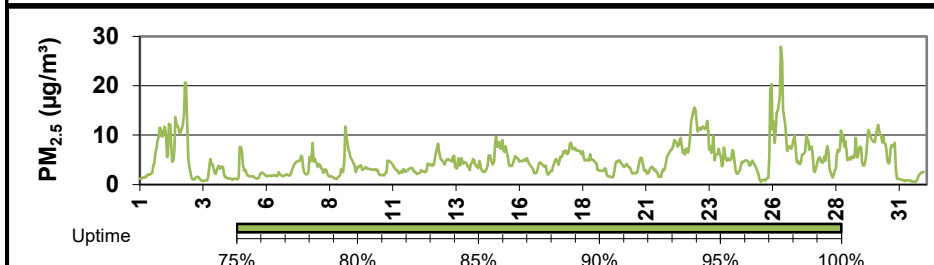
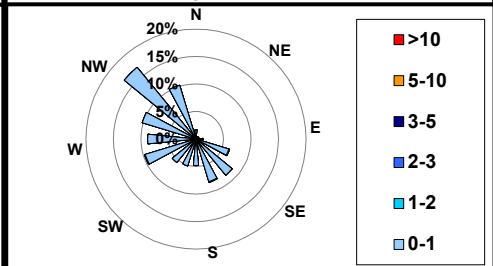
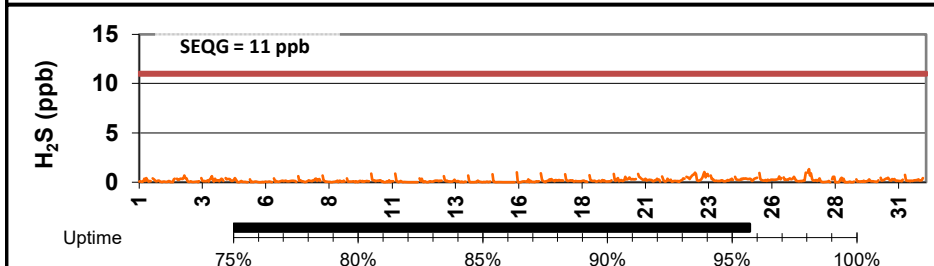
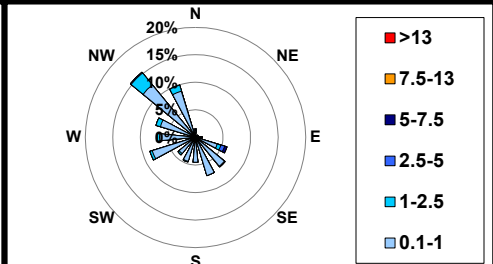
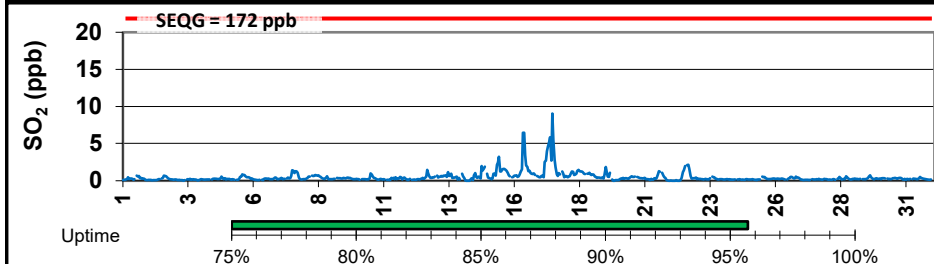
Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
2020-01-22 13:00	-	2.5	1.3	-	4.1	2.6	16.9	-5.8	75.5

Update Summary:

No readings were above the SEQG
Equipment was running above 90% uptime

SESAA - January 2020 Torquay Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
SO ₂ (ppb)	0.5	96%	9.1	172	Jan-17 11:00	2.3	48	Jan-17	0 / 0
H ₂ S (ppb)	0.2	96%	1.3	11	Jan-27 11:00	0.4	4	Jan-23	0 / 0
PM _{2.5} (µg/m ³)	4.8	100%	27.9	-	Jan-26 08:00	11.9	28	Jan-26	- / 0



Update Summary:

No readings were above the SEQG

Equipment was running above 90% uptime