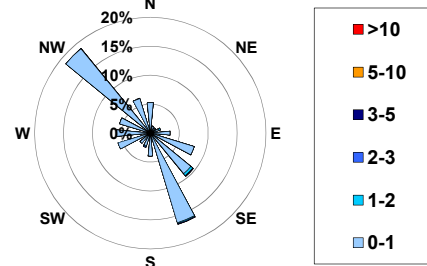
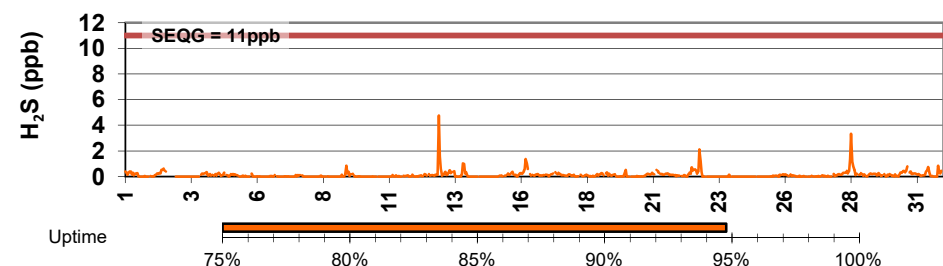
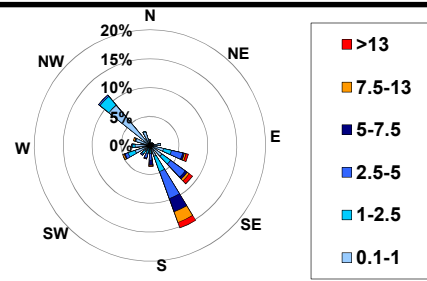
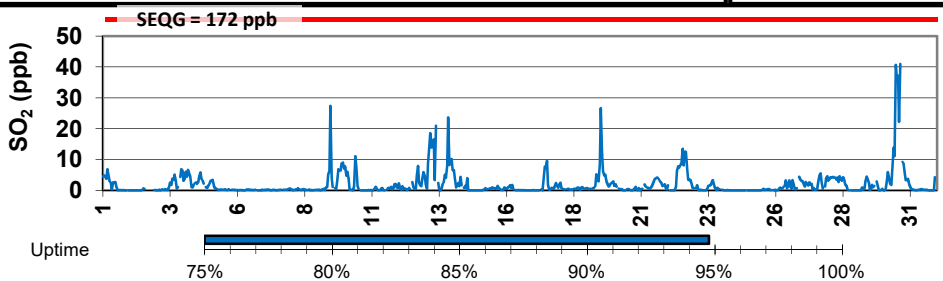
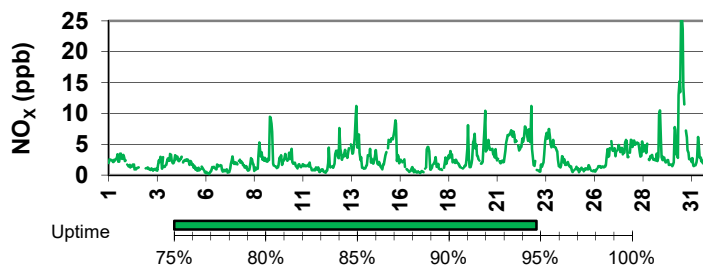
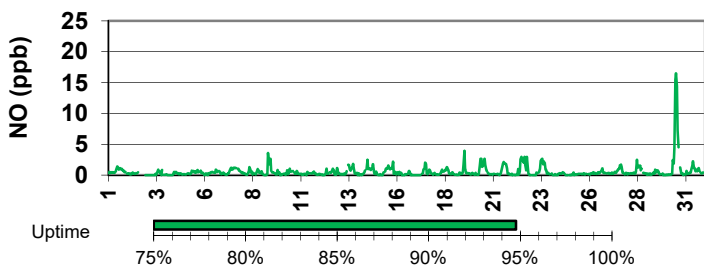
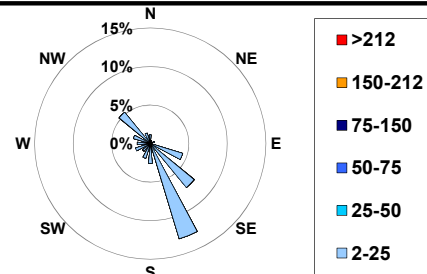
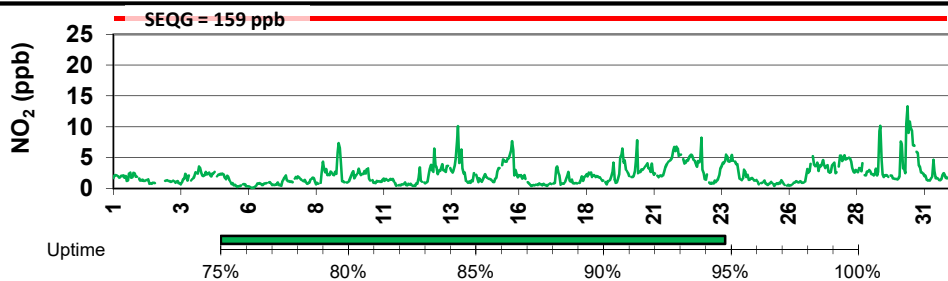
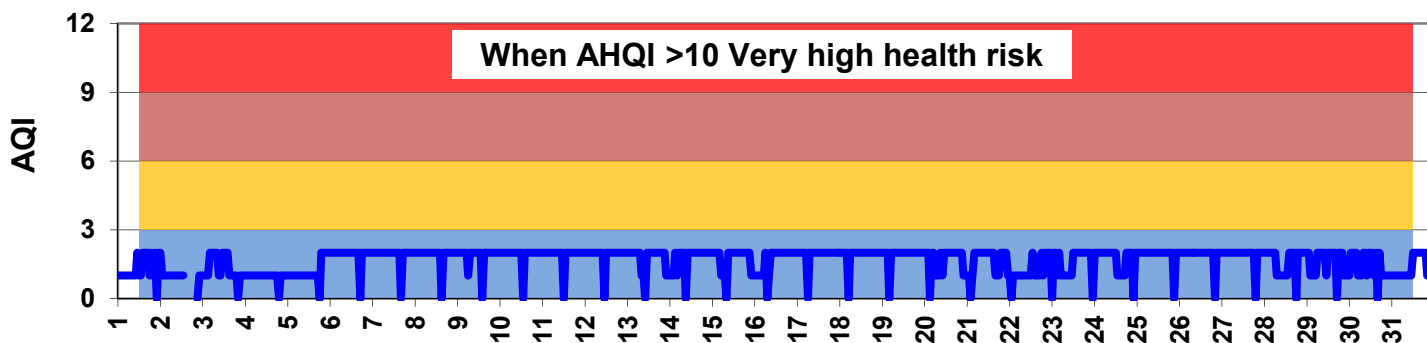
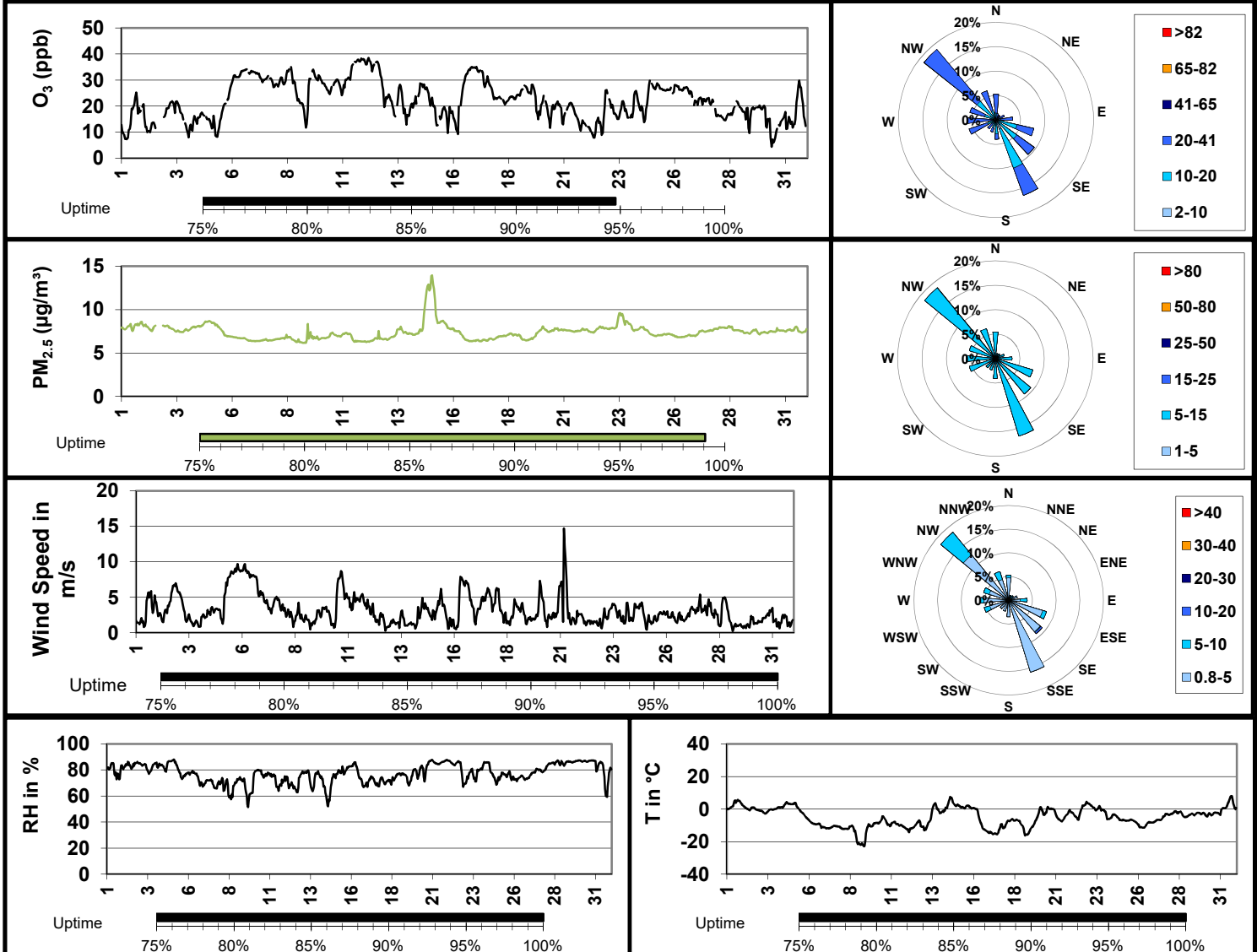


SESAA - November 2018 Weyburn Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.6	94.8%	16.5	-	Oct-30 12:00	2.9	-	Oct-30	- / -
NO ₂ (ppb)	2.3	94.8%	13.3	159	Oct-30 09:00	5.5	106	Oct-30	0 / 0
NO _x (ppb)	2.9	94.8%	26.3	-	Oct-30 11:00	8.4	-	Oct-30	- / -
SO ₂ (ppb)	2.0	94.8%	41.0	172	Oct-30 15:00	10.9	-	Oct-30	0 / 0
H ₂ S (ppb)	0.1	94.8%	4.8	11	Oct-12 21:00	0.5	3.6	Oct-28	0 / 0
O ₃ (ppb)	22.0	94.8%	38.4	82	Oct-12 04:00	32.5	63	Oct-11	0 / 0
PM _{2.5} (µg/m ³)	7.4	99.1%	13.9	-	Oct-15 01:00	9.3	30	Oct-15	- / 0



SESAA - November 2018 Weyburn Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/12/2018 21:00	6.5	4.3	4.8	19.5	6.6	0.8	161.6	-10.9	76.0

Update Summary:

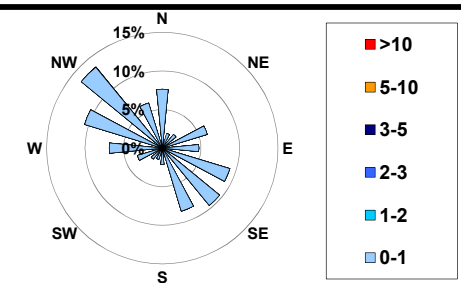
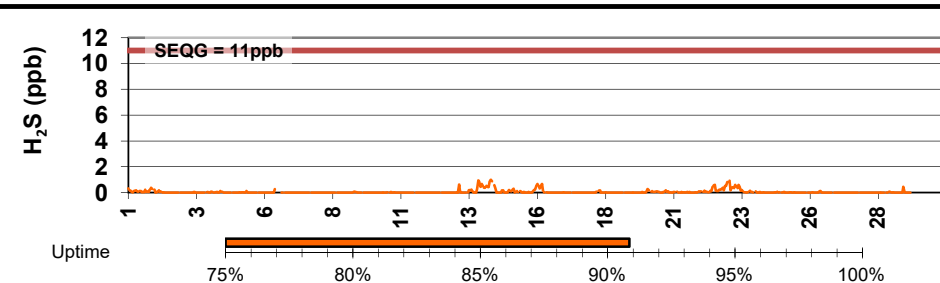
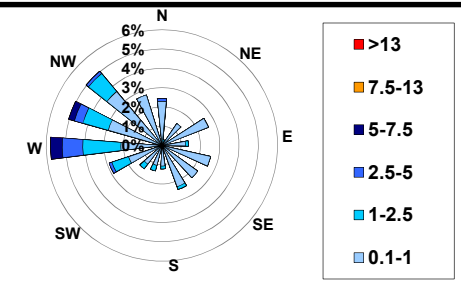
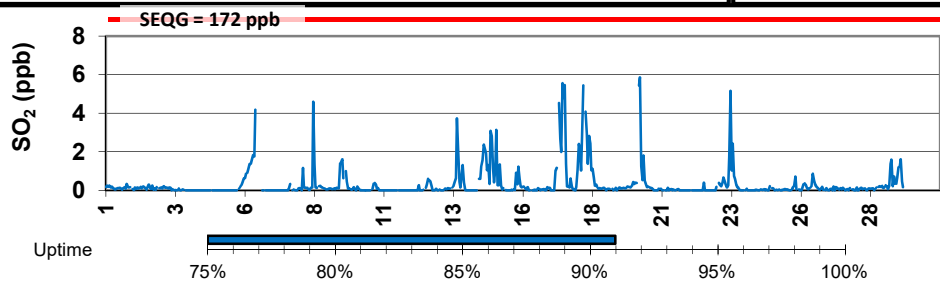
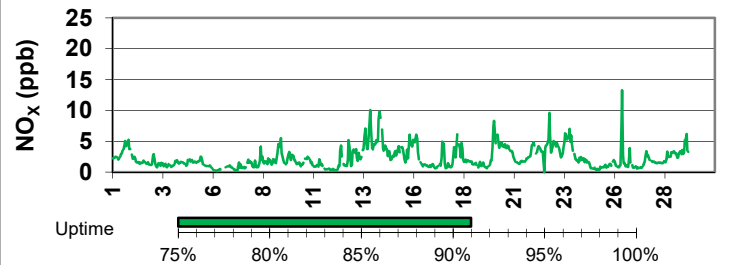
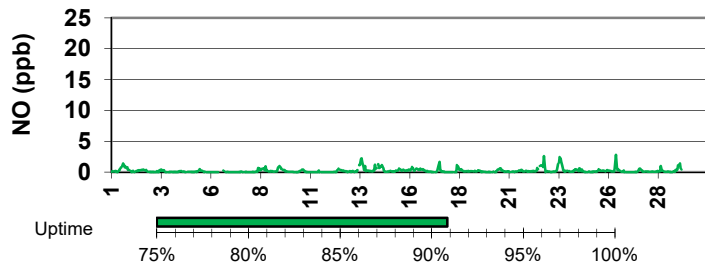
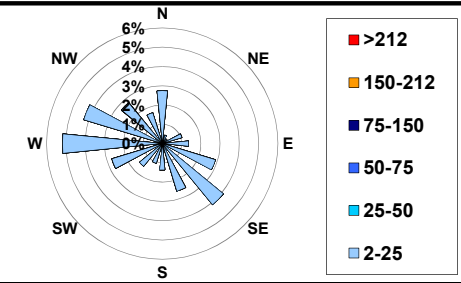
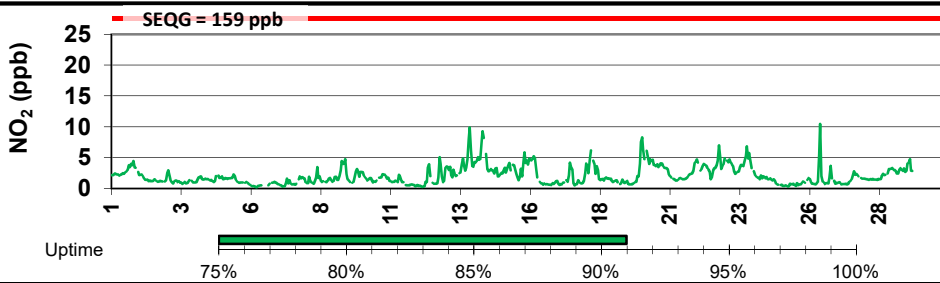
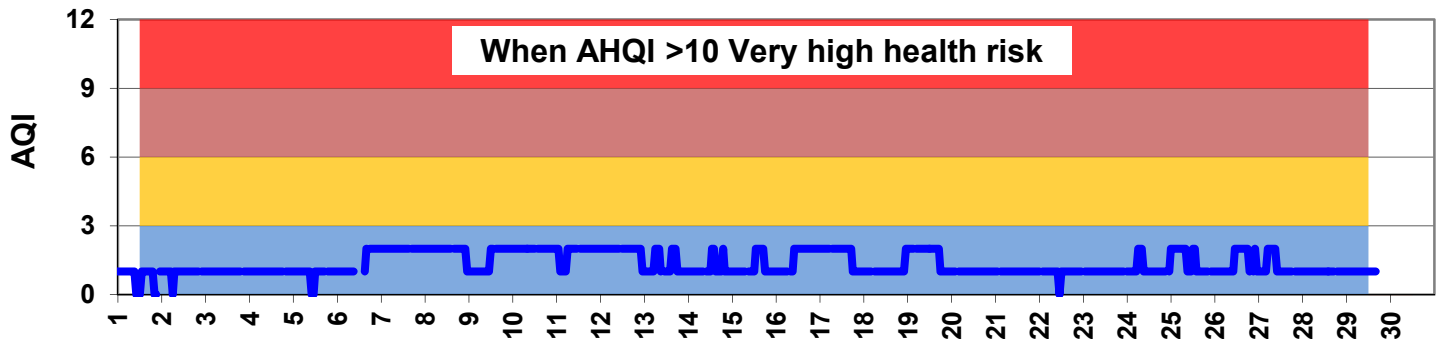
There were no exceedance in the month of November 2018, the maximum hydrogen sulphide was during calm winds

Instruments uptime remained >95%

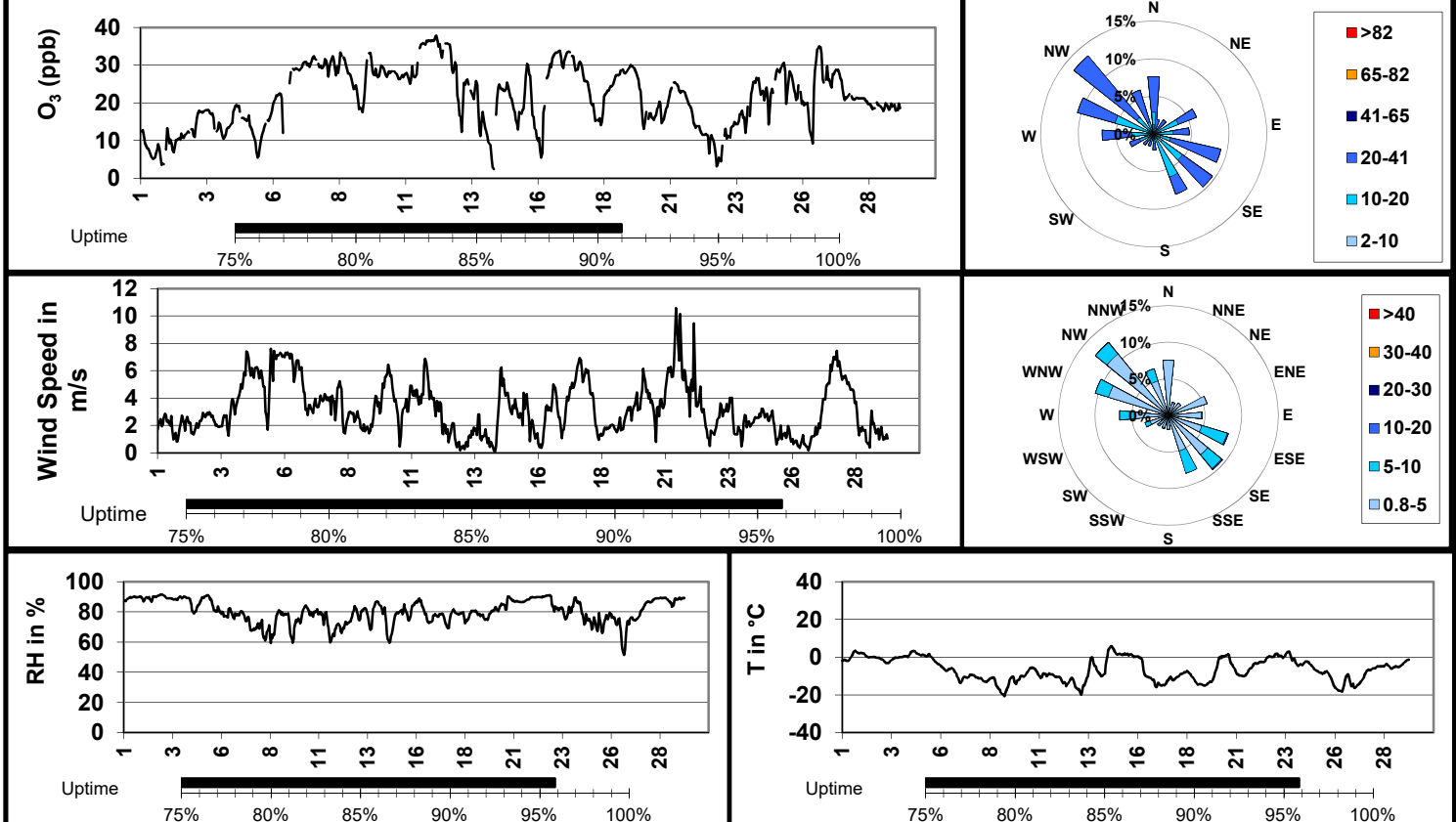
Data showed a low Air Quality Health Index for the month

SESAA - November 2018 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)	0.2	90.8%	2.8	-	Nov-26 09:00	0.5	-	Nov-23	- / -
NO ₂ (ppb)	2.1	91.0%	10.4	159	Nov-26 09:00	4.1	106	Nov-20	0 / 0
NO _x (ppb)	2.3	91.0%	13.3	-	Nov-26 09:00	4.3	-	Nov-14	- / -
SO ₂ (ppb)	0.3	91.0%	5.9	172	Nov-20 05:00	1.3	-	Nov-18	0 / 0
H ₂ S (ppb)	0.1	90.8%	1.0	11	Nov-14 07:00	0.3	3.6	Nov-14	0 / 0
O ₃ (ppb)	21.4	91.0%	37.9	82	Nov-12 04:00	32.1	63	Nov-12	0 / 0
PM _{2.5} (µg/m ³)									



SESAA - November 2018 Glen Ewen Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
11/14/2018 7:00	9.2	0.0	1.0	2.8	-	0.1	326.6	-9.1	78.6

Update Summary:

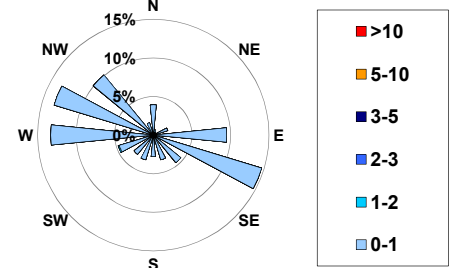
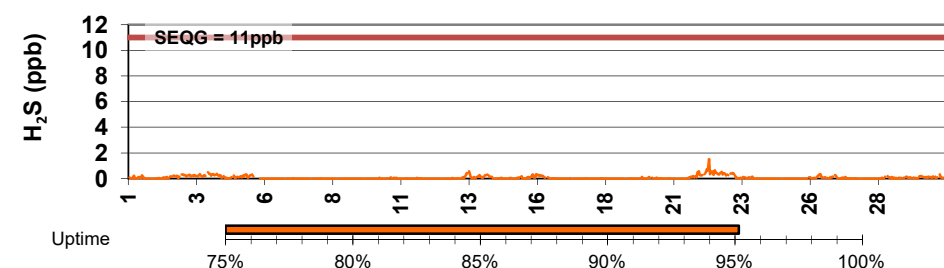
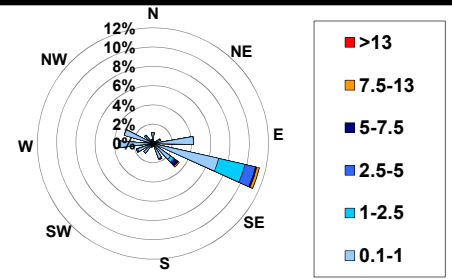
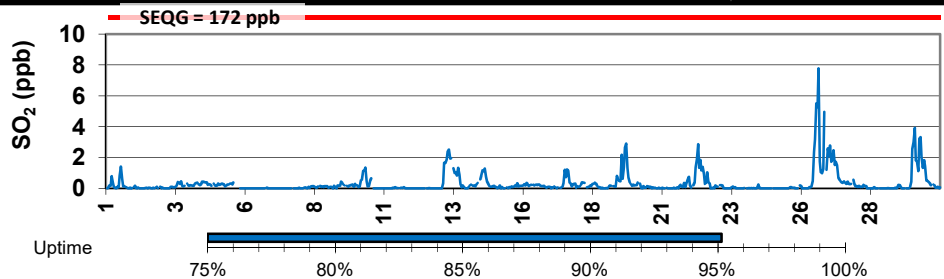
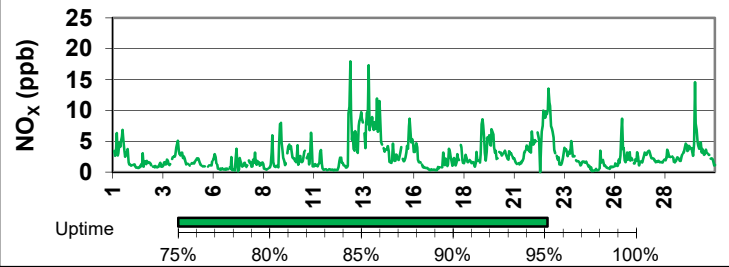
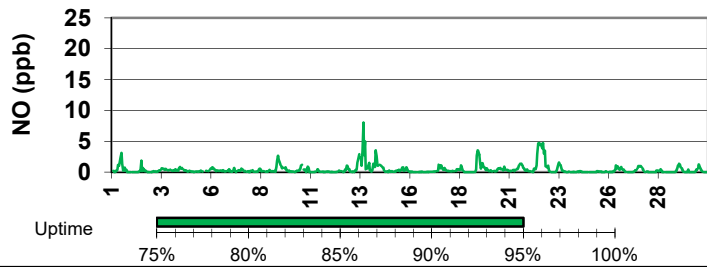
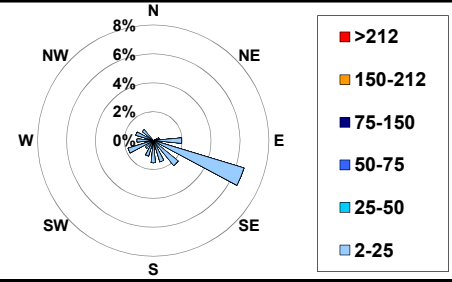
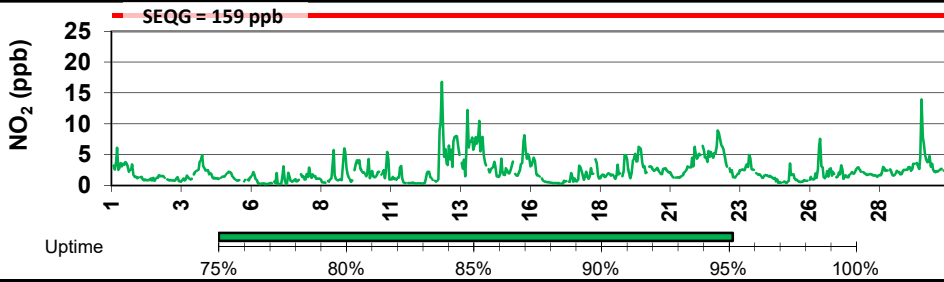
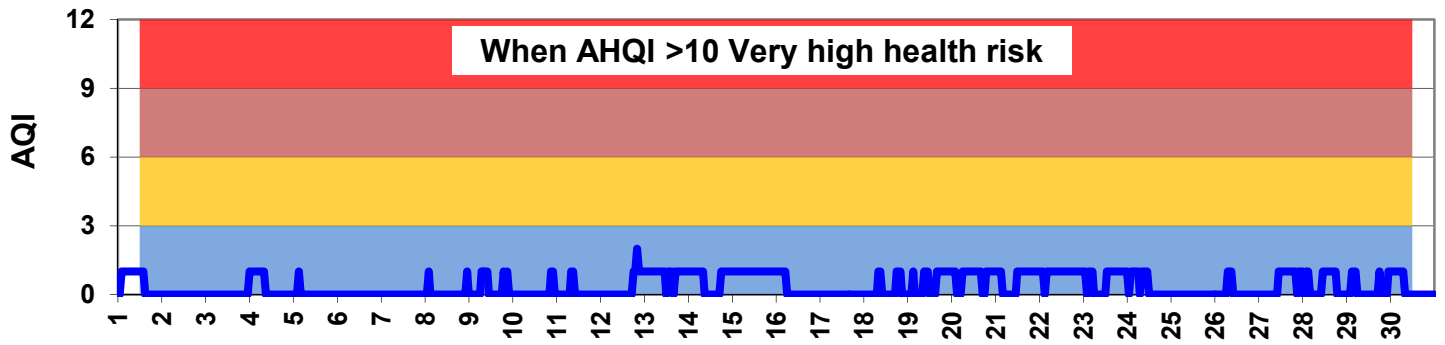
There were no exceedance in the month of November 2018, the maximum hydrogen sulphide was during calm winds

There was a power failure at the end of the month and is currently still being fixed, instruments uptime remained >90%

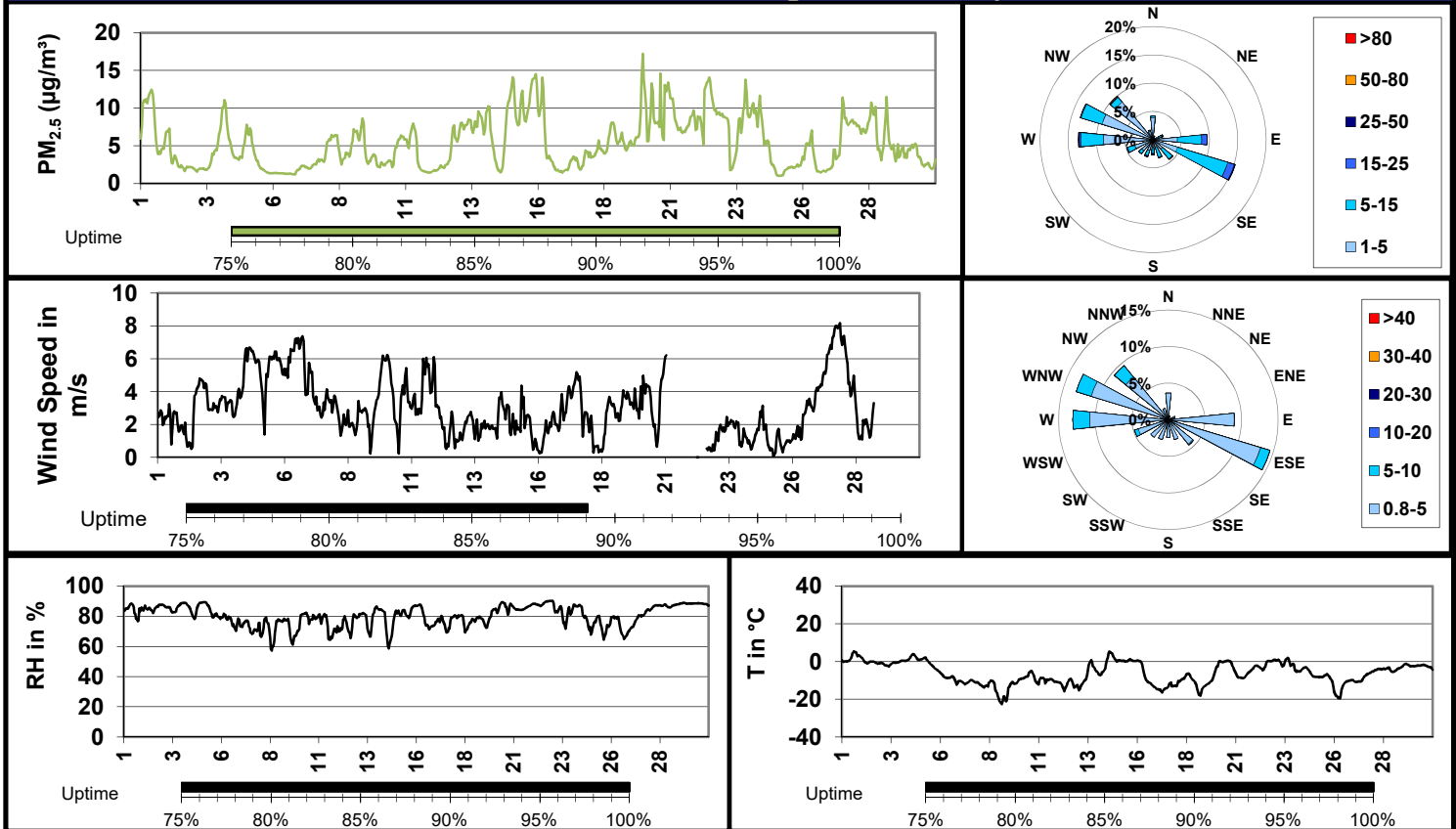
Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of PM_{2.5})

SESAA - November 2018 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)	0.4	95.0%	8.0	-	Nov-13 16:00	1.7	-	Oct-17	- / -
NO ₂ (ppb)	2.3	95.1%	16.8	159	Nov-12 20:00	3.9	106	Oct-25	0 / 0
NO _x (ppb)	2.7	95.1%	17.9	-	Nov-12 20:00	4.8	-	Oct-17	- / -
SO ₂ (ppb)	0.3	95.1%	7.8	172	Nov-26 15:00	2.1	-	Oct-20	0 / 0
H ₂ S (ppb)	0.1	95.1%	1.5	11	Nov-22 07:00	0.4	3.6	Oct-26	0 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	5.4	100.0%	17.2	-	Nov-19 23:00	21.5	30	Oct-25	- / 0



SESAA - November 2018 Stoughton Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
11/22/2018 7:00	4.5	2.9	1.5	-	12.4	ND	ND	-3.6	87.4

Update Summary:

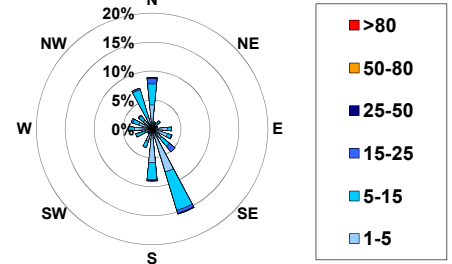
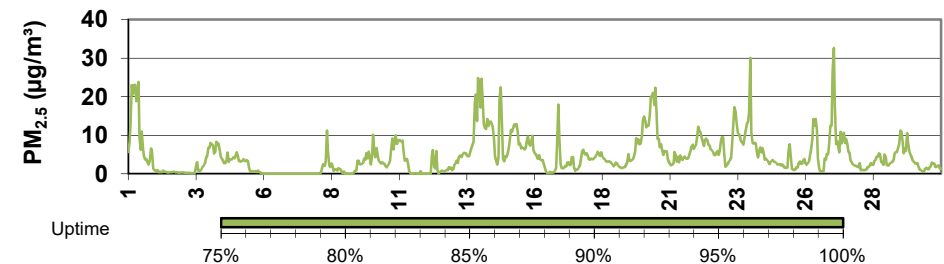
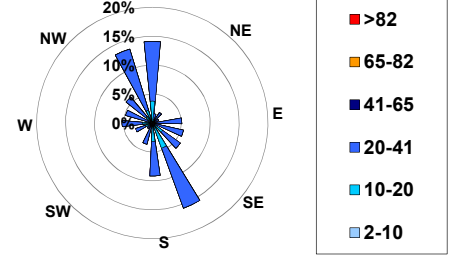
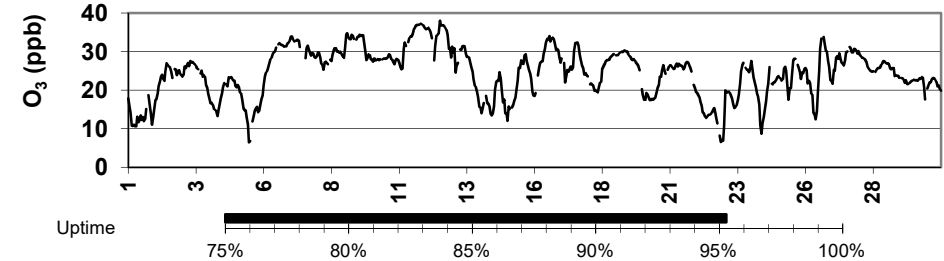
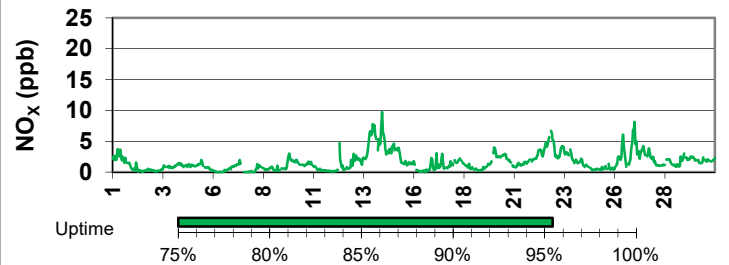
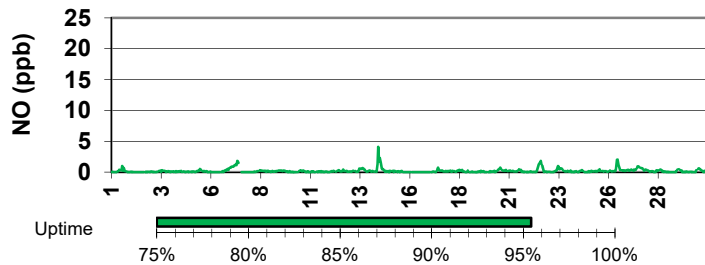
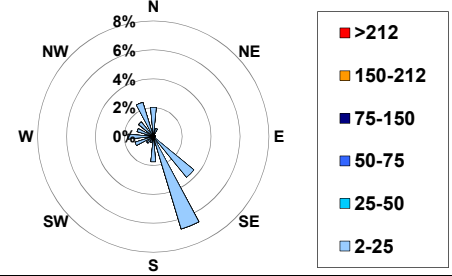
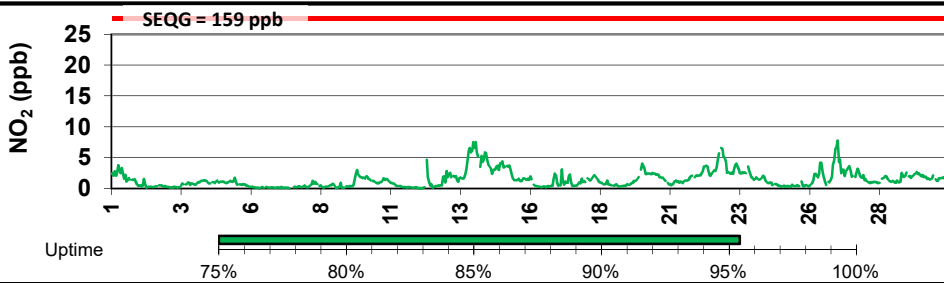
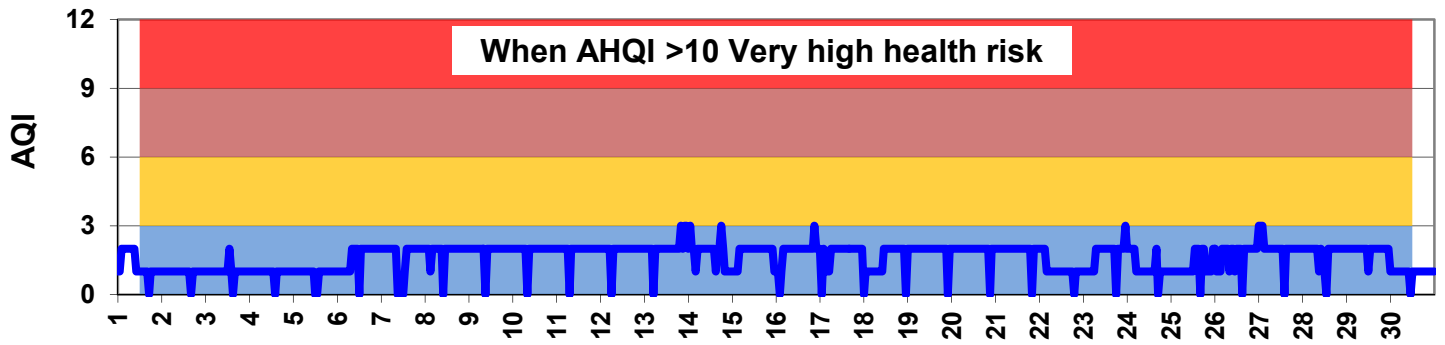
There were no exceedance in the month of November 2018

Instruments uptime remained >95% with the exception of wind speed and direction which had intermittent signal loss resulting in 89% uptime

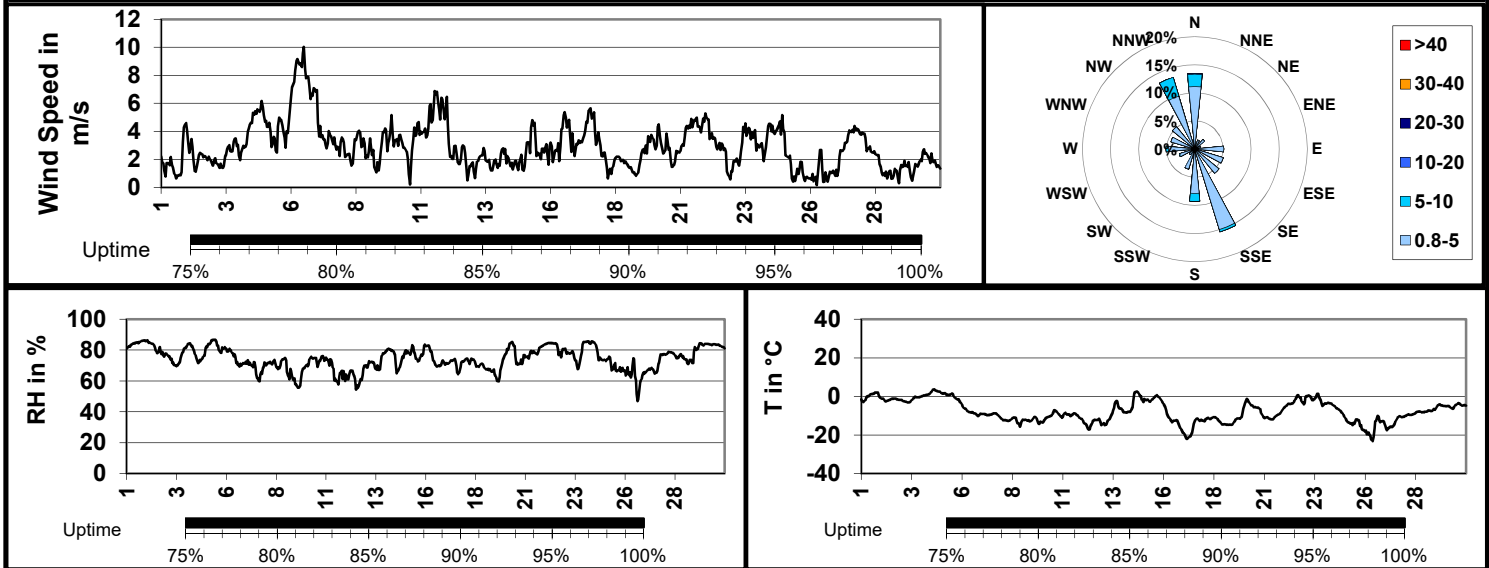
Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of ozone)

SESAA - November 2018 Estherhazy 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	95.4%	4.1	-	Nov-14 10:00	0.6	-	Nov-14	- / -
NO ₂ (ppb)	1.5	95.4%	7.7	159	Nov-27 00:00	4.1	106	Nov-14	0 / 0
NO _x (ppb)	1.6	95.4%	9.8	-	Nov-14 10:00	4.7	-	Nov-14	- / -
SO ₂ (ppb)									
H ₂ S (ppb)									
O ₃ (ppb)	24.5	95.3%	38.0	82	Nov-12 12:00	32.8	63	Nov-12	0 / 0
PM _{2.5} (µg/m ³)	4.7	100.0%	32.6	-	Nov-27 01:00	11.7	30	Nov-20	- / 0



SESAA - November 2018 Estherhazy Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
11/27/2018 1:00	4.3	-	-	25.2	32.6	0.8	150.7	-16.6	65.5

Update Summary:

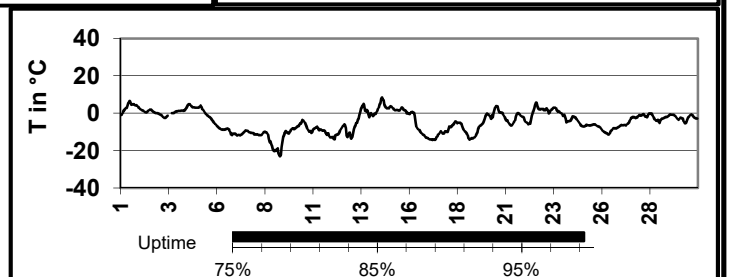
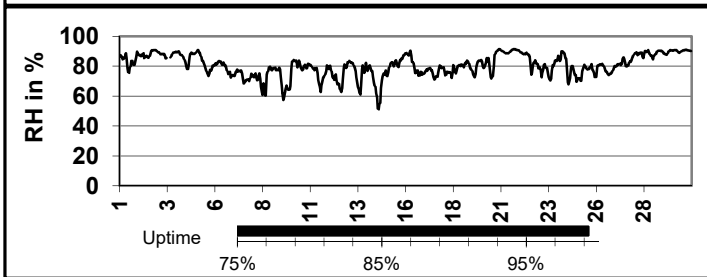
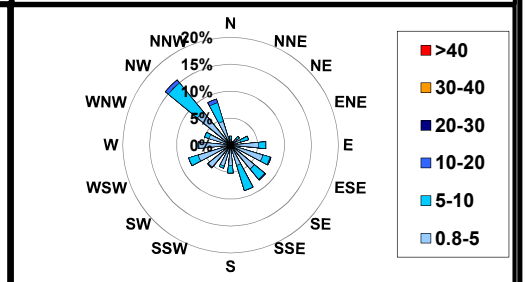
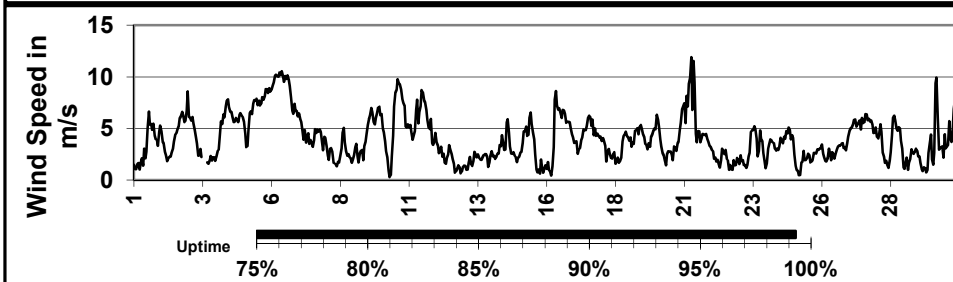
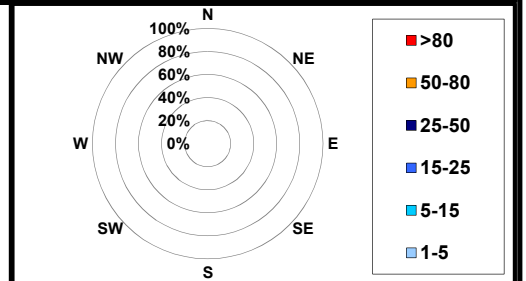
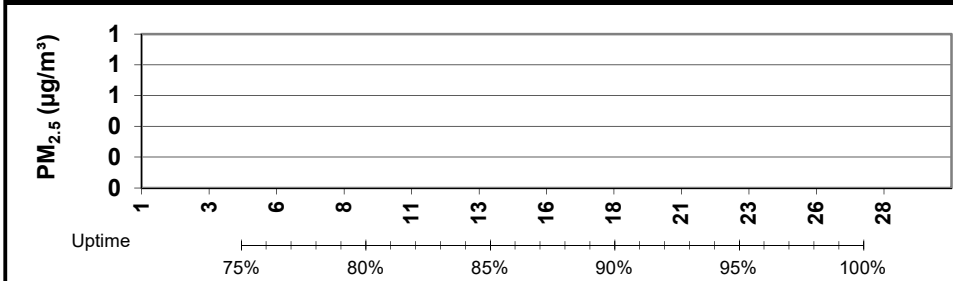
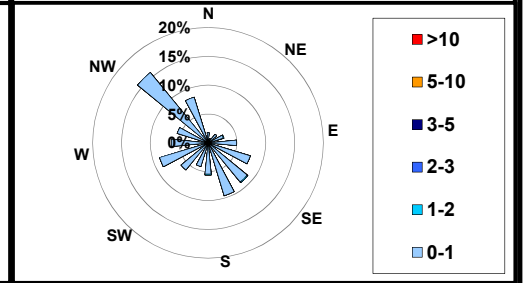
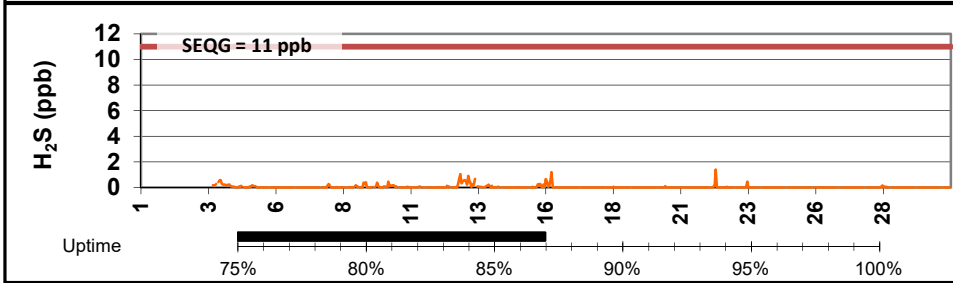
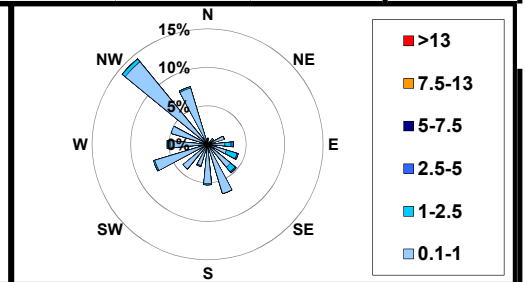
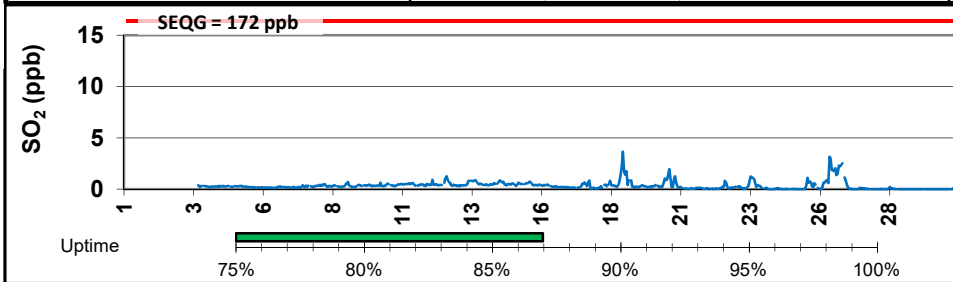
There were no exceedance in the month of November 2018

All instruments remained >95% uptime.

Data showed a low Air Quality Health Index (AQHI) for the month.

SESAA - November 2018 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)	0.3	87.0%	3.6	172	Nov-18 22:00	1.3	48	Nov-26	0 / 0
H ₂ S (ppb)	0.0	87.0%	1.4	11	Nov-22 07:00	0.2	4	Nov-13	0 / 0
PM _{2.5} (µg/m ³)									



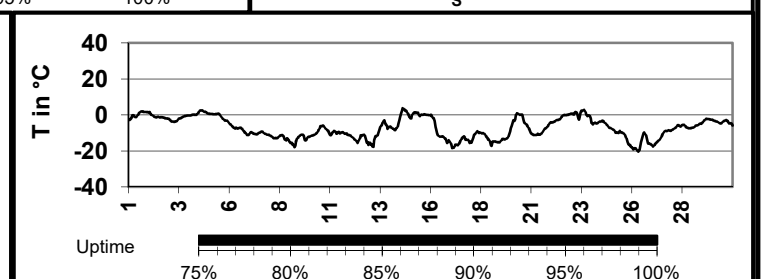
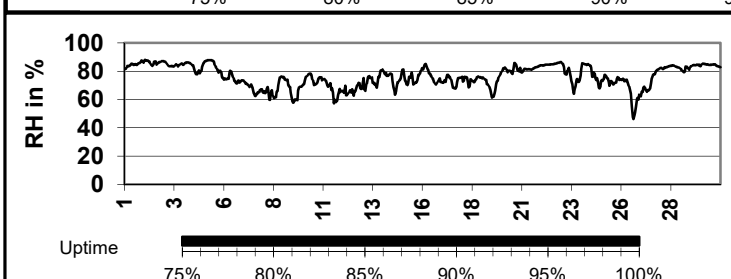
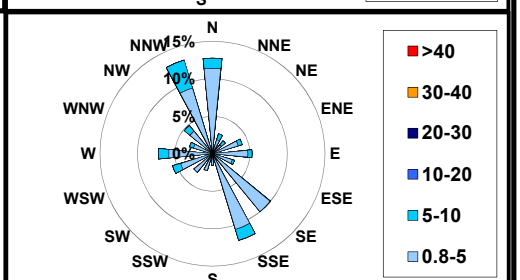
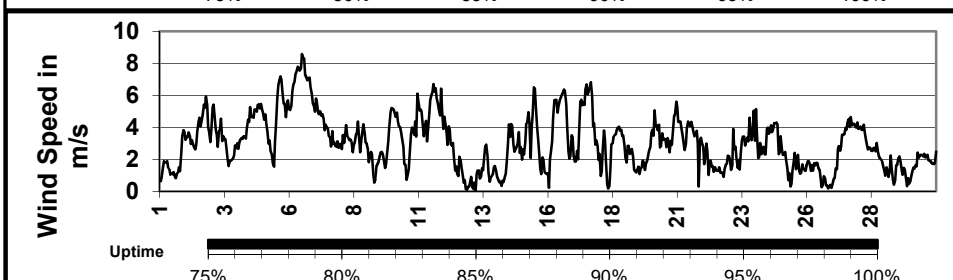
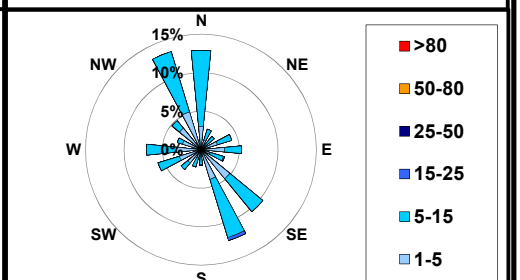
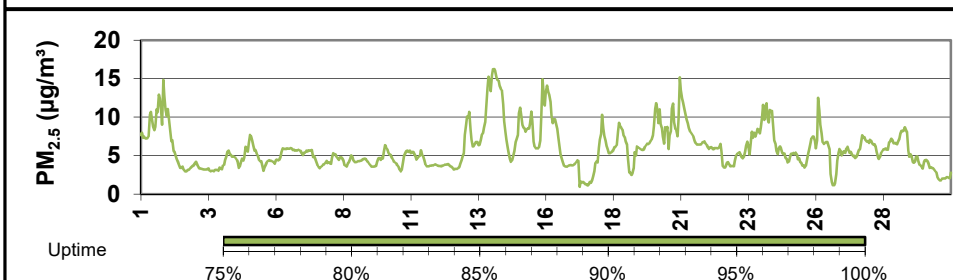
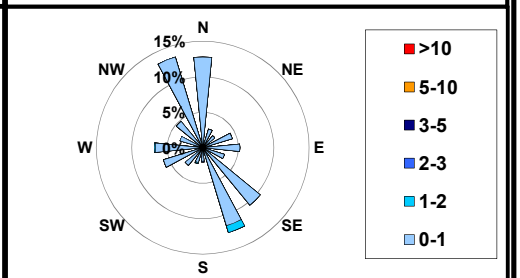
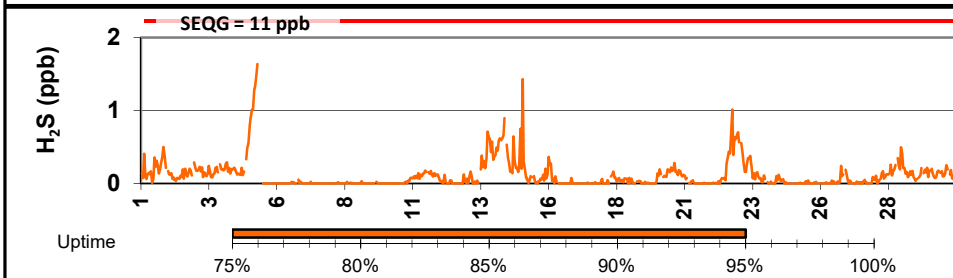
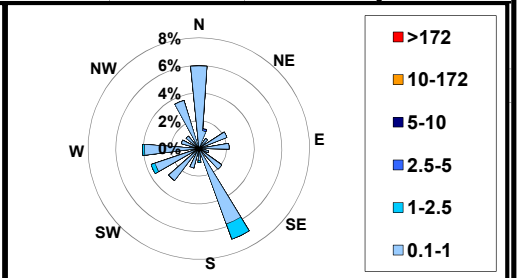
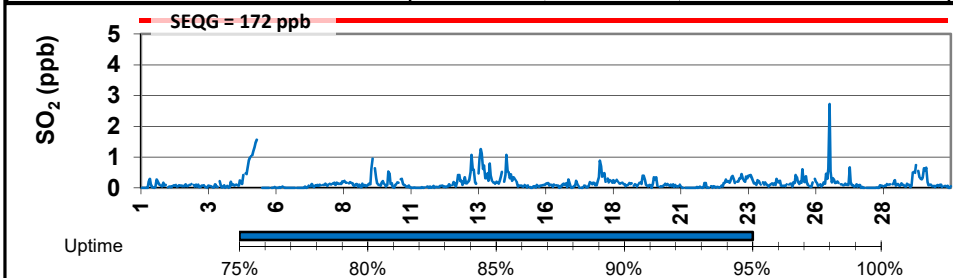
Update Summary

There were no exceedences during the month of November 2018

Equipment was calibrated on November 3, 2018 resulting in an uptime of 87%, with the exception of PM2.5 which is being serviced

SESAA - November 2018 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)	0.2	95.0%	2.7	172	Nov-26 12:00	0.6	-	Nov-05	0 / 0
H ₂ S (ppb)	0.1	95.0%	1.6	11	Nov-05 07:00	0.6	3.6	Nov-05	0 / 0
PM _{2.5} (µg/m ³)	5.9	100.0%	16.2	-	Nov-14 02:00	10.1	30	Nov-14	- / 0



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
11/14/2018 2:00	-	0.2	1.6	-	16.2	0.7	175.2	-7.2	79.2

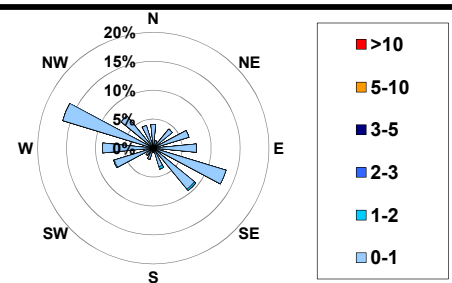
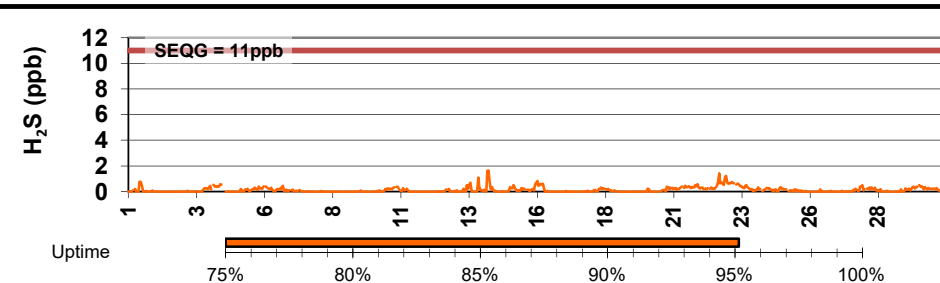
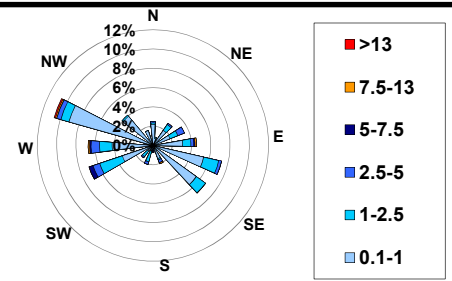
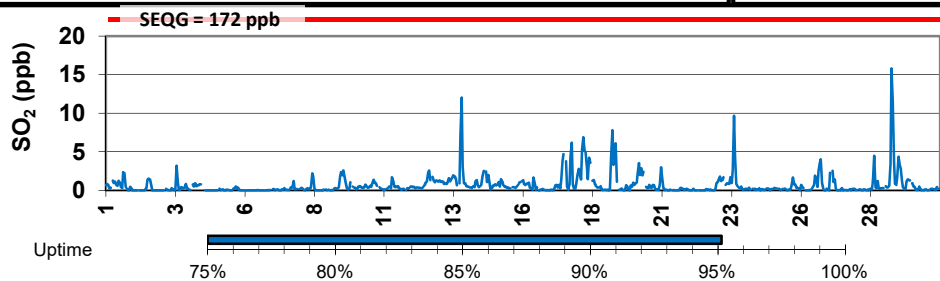
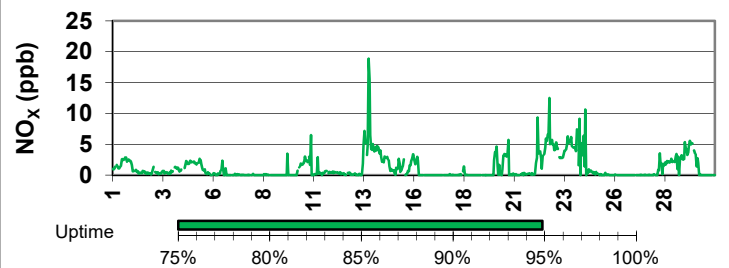
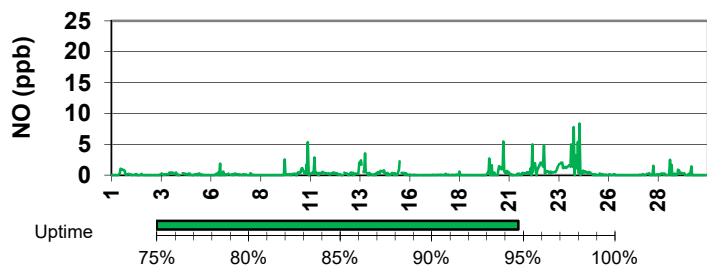
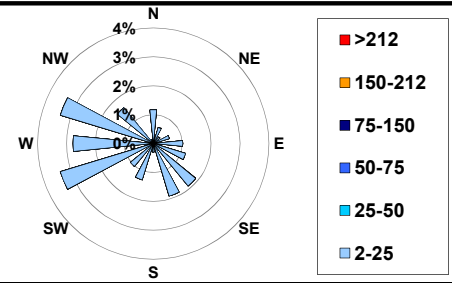
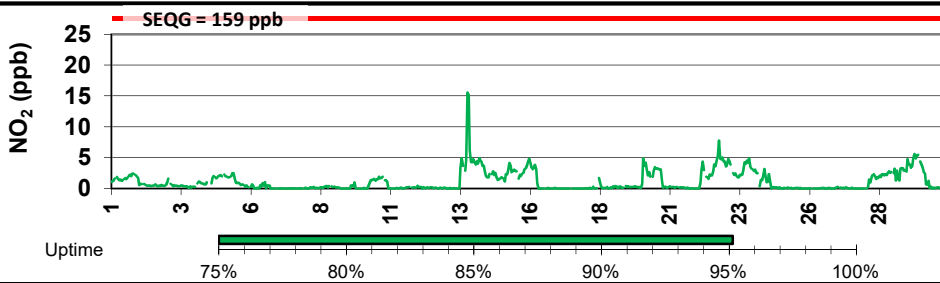
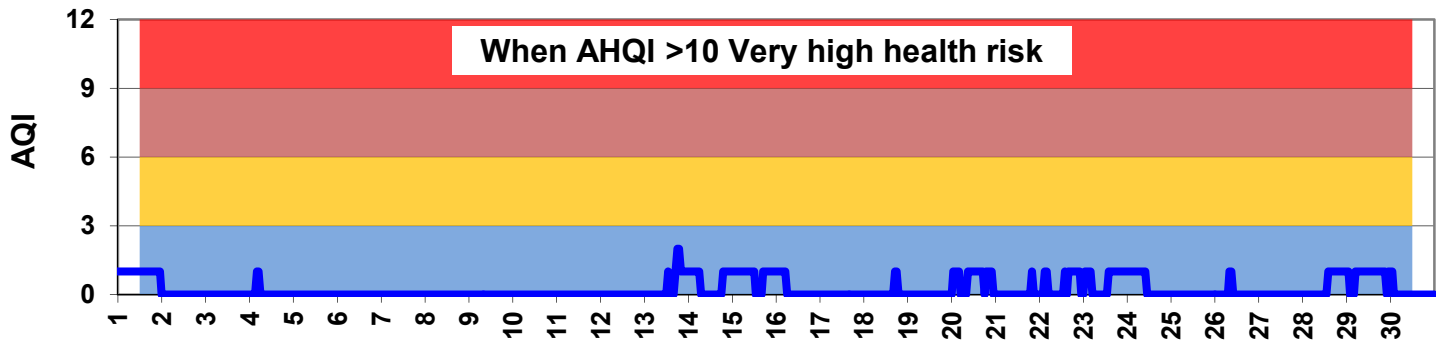
Update Summary:

There were no readings above the SEQG for the month of November 2018

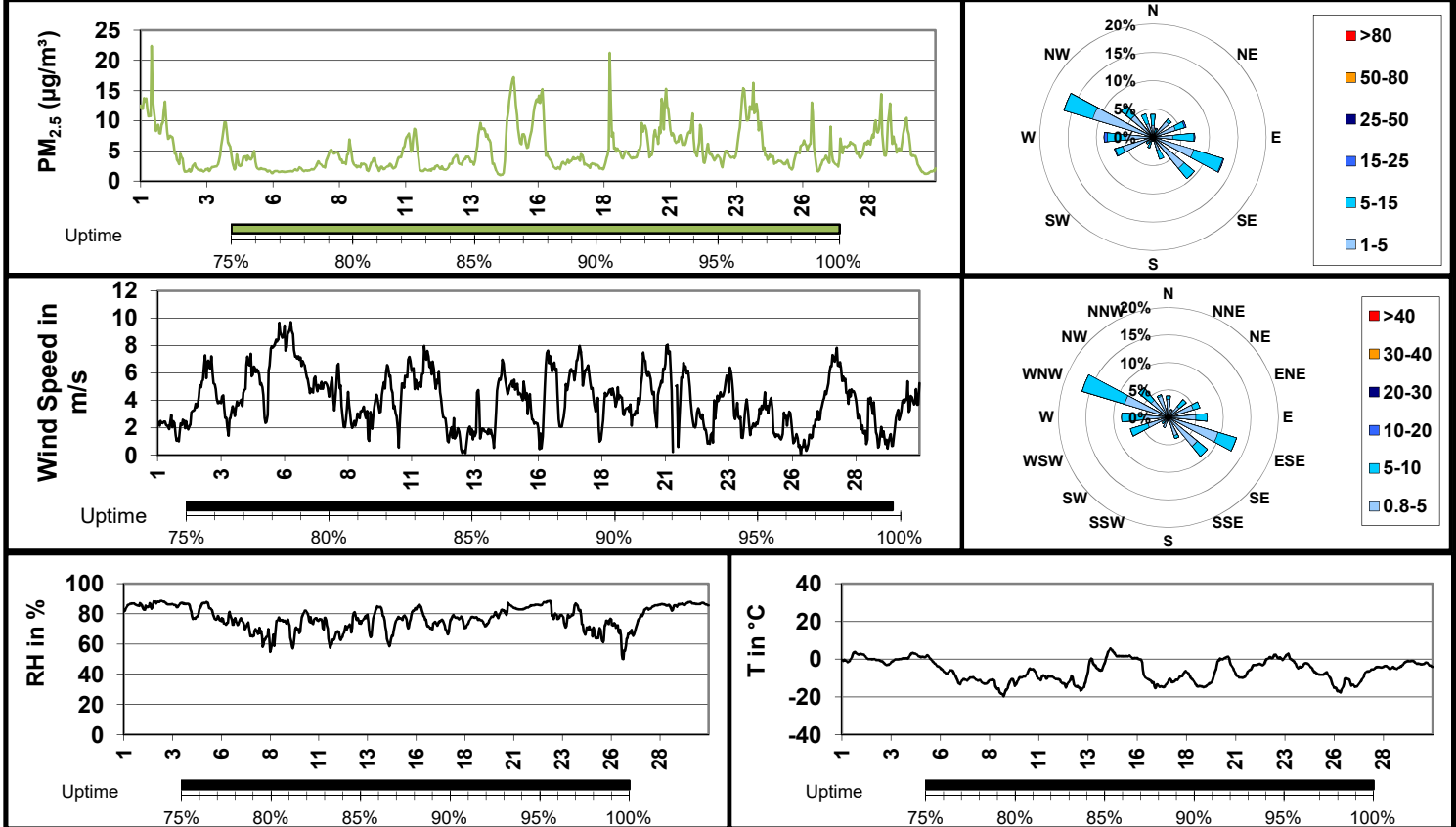
All instruments remained >95% uptime

SESAA - November 2018 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)	0.3	94.7%	8.4	-	Nov-24 13:00	1.8	-	Nov-24	- / -
NO ₂ (ppb)	1.1	95.1%	15.6	159	Nov-13 18:00	3.4	106	Nov-29	0 / 0
NO _x (ppb)	1.2	94.9%	18.9	-	Nov-13 18:00	4.3	-	Nov-22	- / -
SO ₂ (ppb)	0.7	95.1%	15.8	172	Nov-29 06:00	2.4	-	Nov-29	0 / 0
H ₂ S (ppb)	0.1	95.1%	1.6	11	Nov-14 05:00	0.5	3.6	Nov-22	0 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	5.0	100.0%	22.4	-	Nov-01 10:00	11.5	30	Nov-01	- / 0



SESAA - November 2018 Oxbow Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
11/14/2018 5:00	4.6	0.5	1.6	-	6.4	1.2	142.6	-6.0	84.0

Update Summary:

There were no exceedance in the month of November 2018, the maximum hydrogen sulphide was during low winds

Instruments uptime remained >95%

Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of ozone)