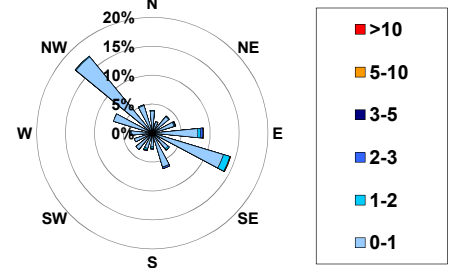
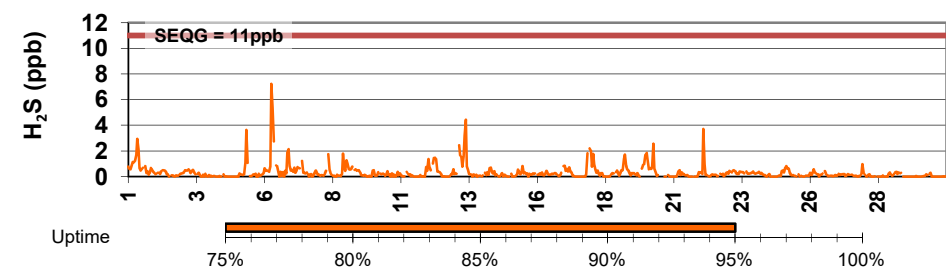
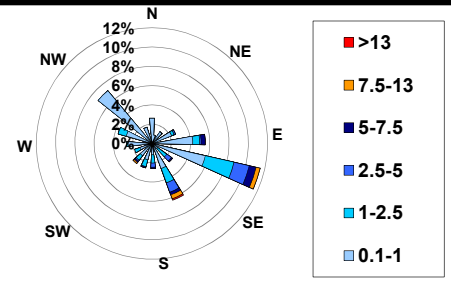
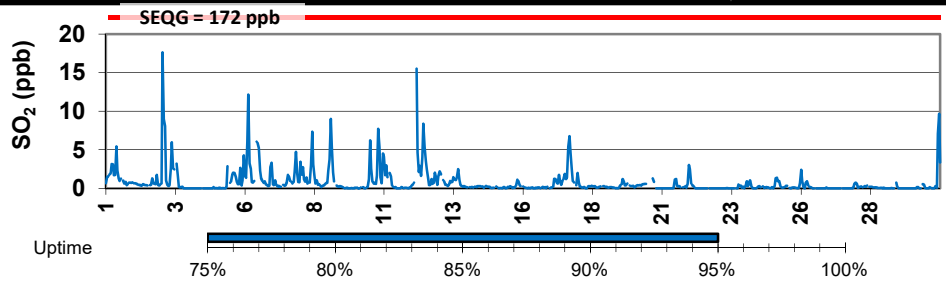
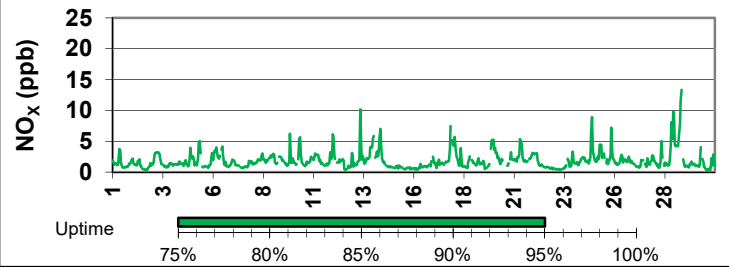
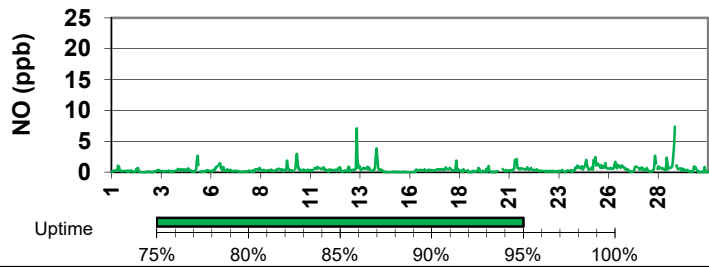
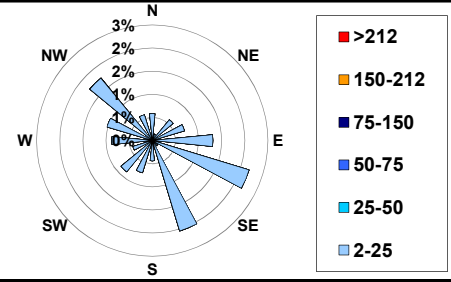
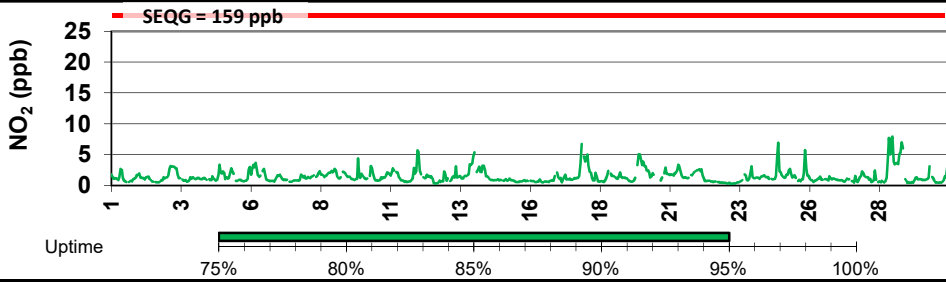
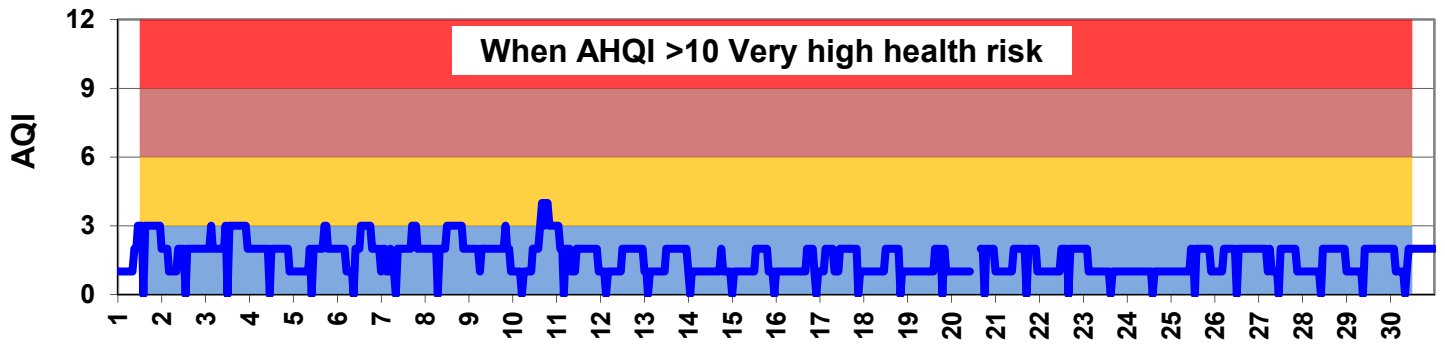
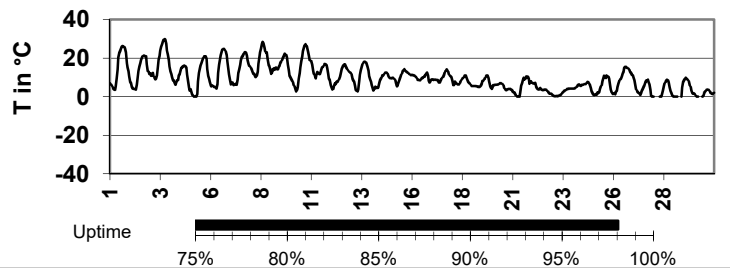
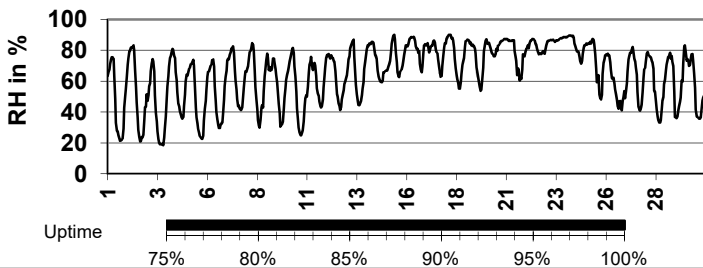
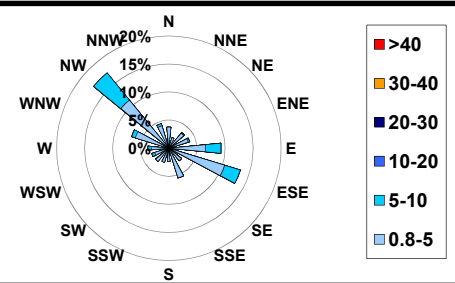
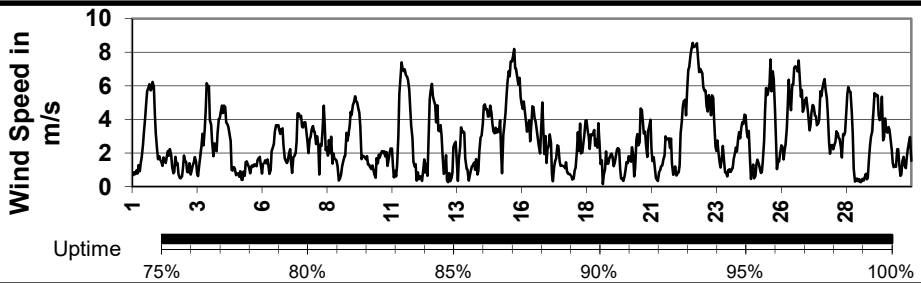
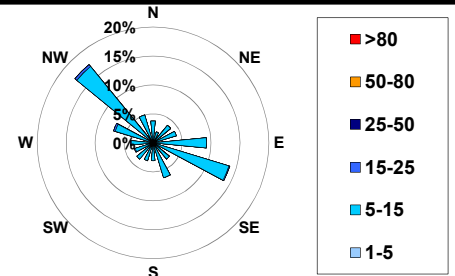
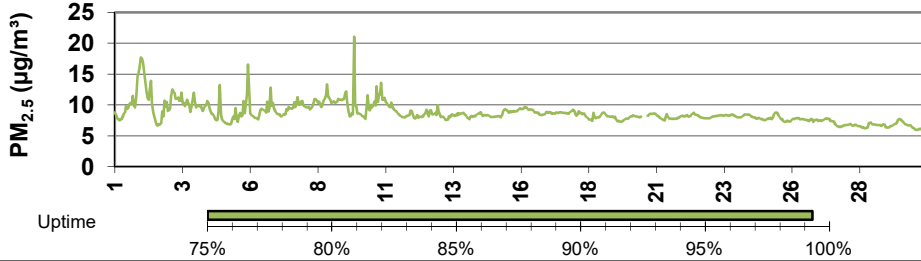
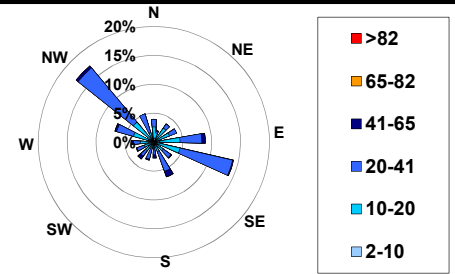
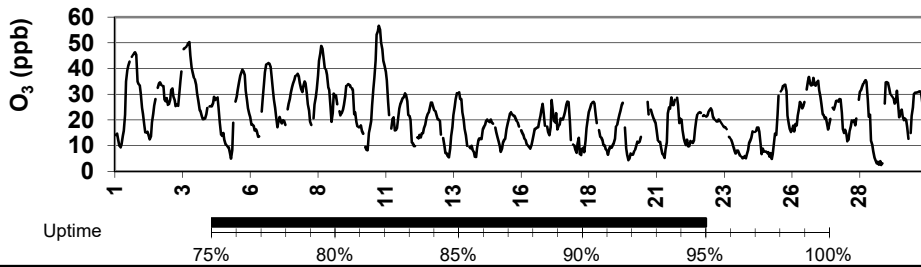


SESAA - September 2018 Weyburn Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.4	95.0%	7.4	-	Sep-29 08:00	1.1	-	Sep-29	- / -
NO ₂ (ppb)	1.5	95.0%	7.9	159	Sep-28 23:00	2.2	106	Sep-29	0 / 0
NO _x (ppb)	1.9	95.0%	13.4	-	Sep-29 08:00	3.2	-	Sep-29	- / -
SO ₂ (ppb)	0.8	95.0%	17.6	172	Sep-03 01:00	3.4	-	Sep-01	0 / 0
H ₂ S (ppb)	0.3	95.0%	7.2	11	Sep-06 06:00	1.1	3.6	Sep-06	0 / 0
O ₃ (ppb)	21.6	95.0%	56.6	82	Sep-10 18:00	35.2	63	Sep-03	0 / 0
PM _{2.5} (µg/m ³)	8.6	99.3%	21.0	-	Sep-09 20:00	10.7	30	Sep-03	- / 0



SESAA - September 2018 Weyburn Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
9/6/2018 6:00	1.6	0.8	7.2	15.4	7.8	1.2	101.5	4.8	73.6

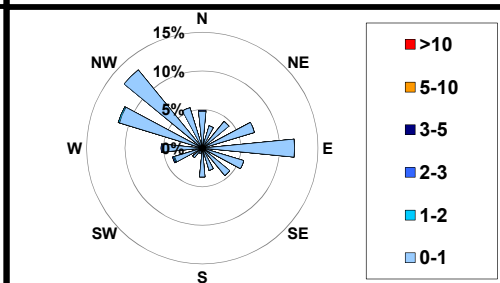
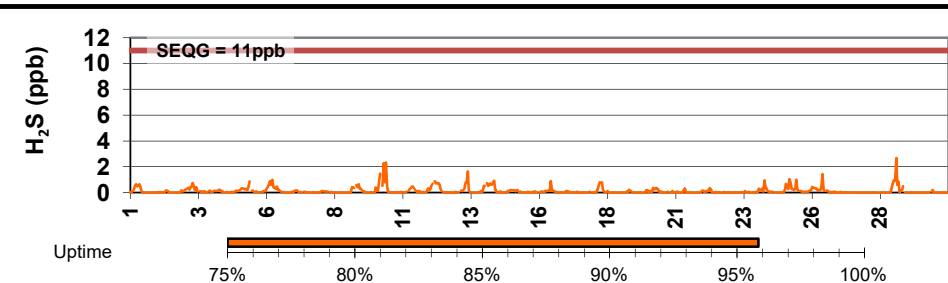
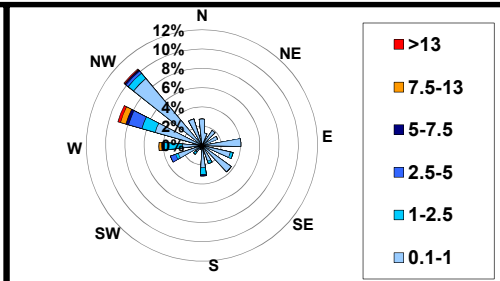
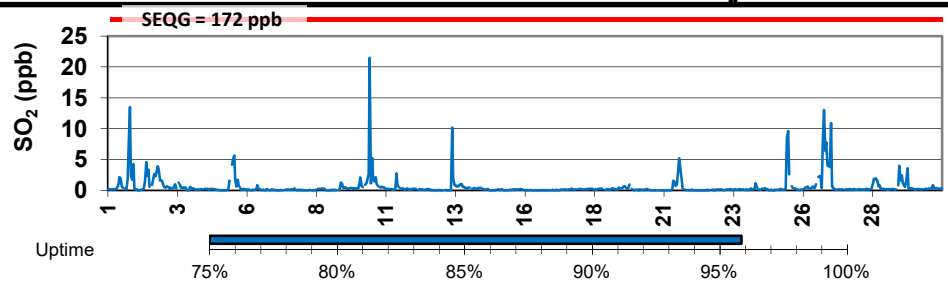
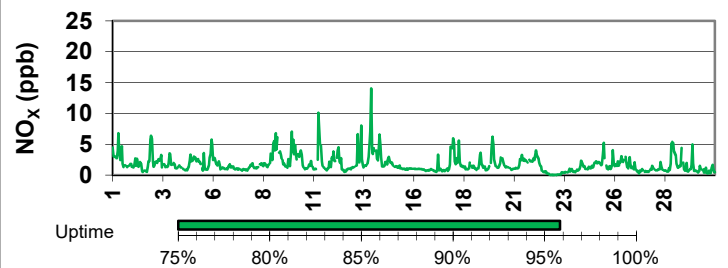
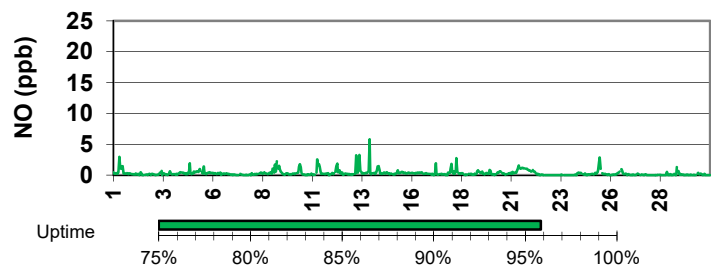
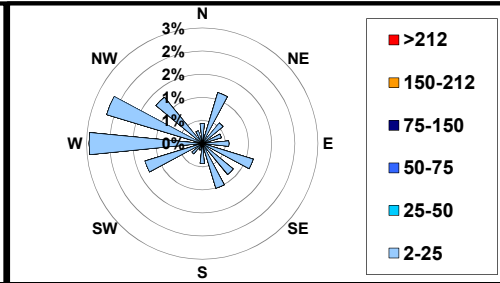
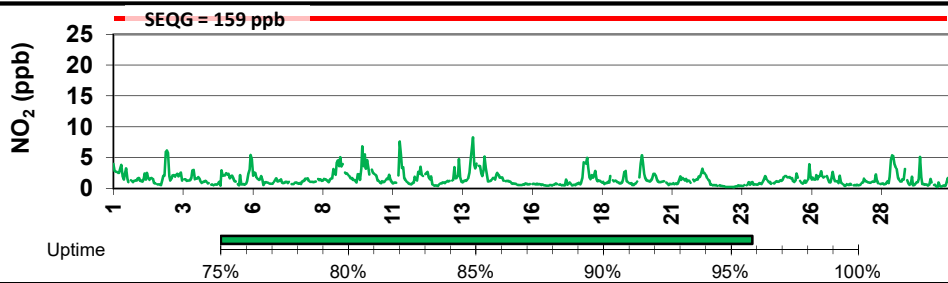
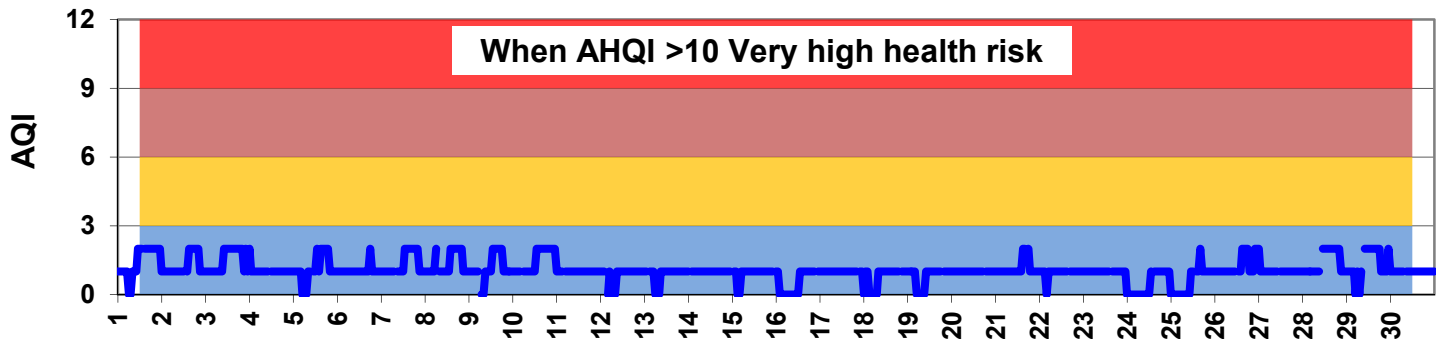
Update Summary:

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

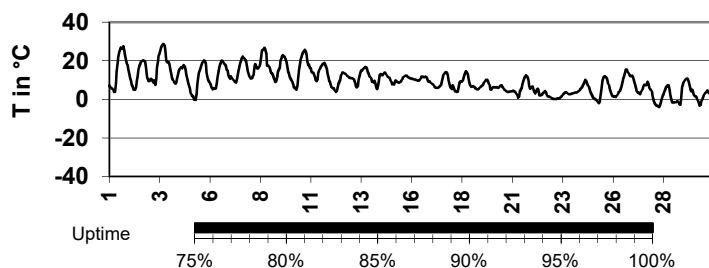
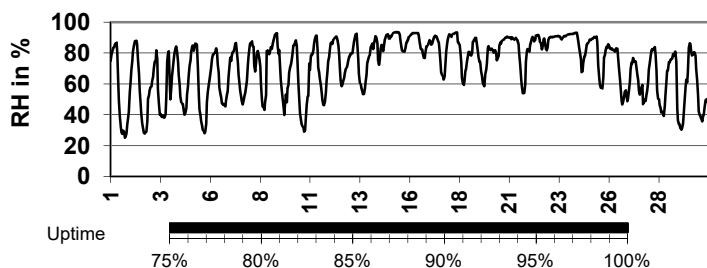
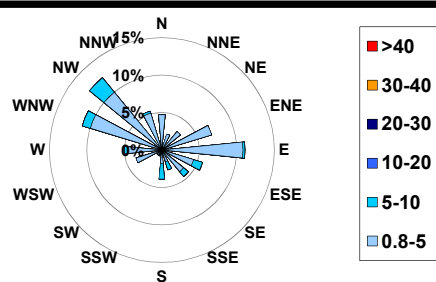
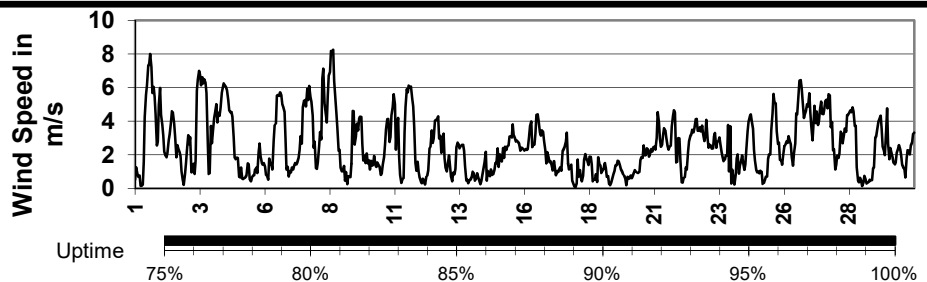
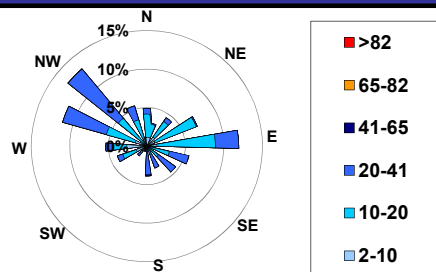
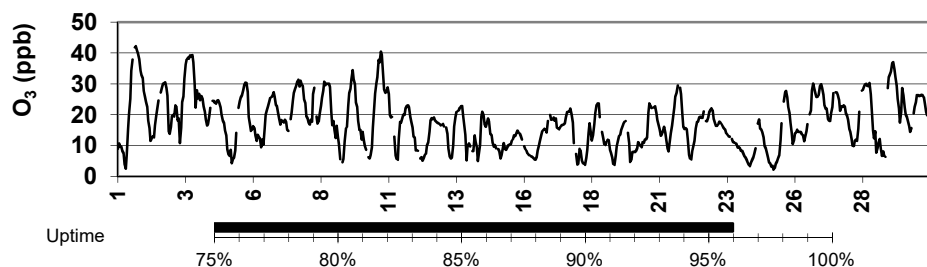
Instruments uptime remained >95%

SESAA - September 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)	0.3	95.8%	5.8	-	Sep-13 21:00	0.9	-	Sep-13	- / -
NO ₂ (ppb)	1.5	95.8%	8.3	159	Sep-13 21:00	2.7	106	Sep-09	0 / 0
NO _x (ppb)	1.8	95.8%	14.1	-	Sep-13 21:00	3.3	-	Sep-13	- / -
SO ₂ (ppb)	0.6	95.8%	21.5	172	Sep-10 10:00	2.4	-	Sep-26	0 / 0
H ₂ S (ppb)	0.1	95.8%	2.7	11	Sep-29 02:00	0.4	3.6	Sep-10	0 / 0
O ₃ (ppb)	17.5	96.0%	42.2	82	Sep-01 16:00	27.5	63	Sep-03	0 / 0
PM _{2.5} (µg/m ³)									



SESAA - September 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
9/29/2018 2:00	1.8	0.2	2.7	10.9	-	0.7	14.5	-1.5	75.6

Update Summary:

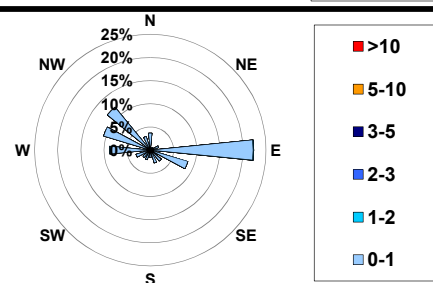
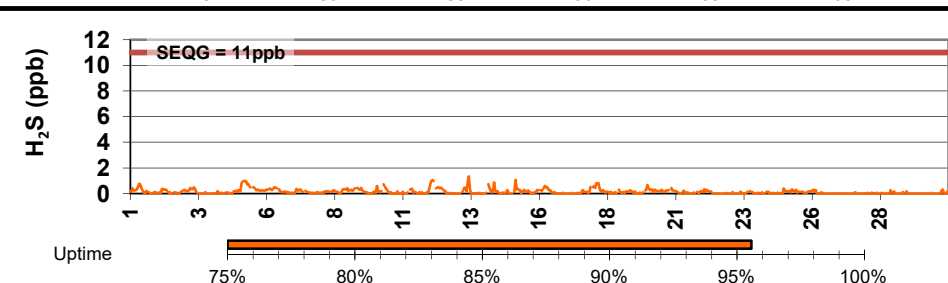
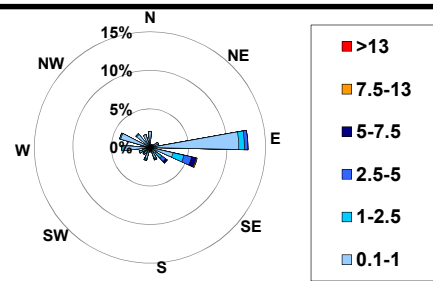
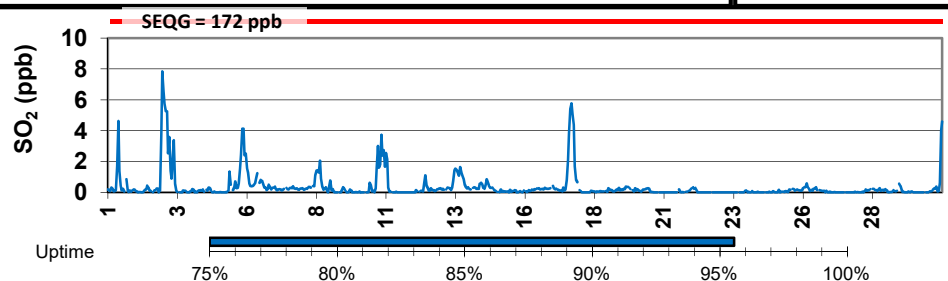
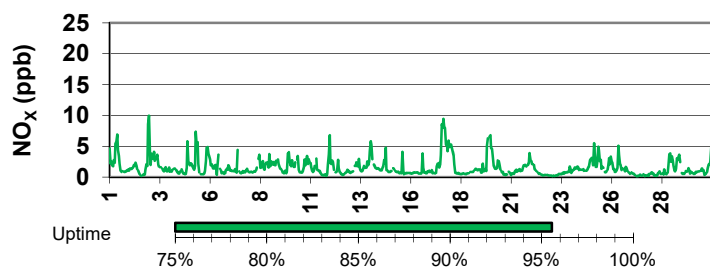
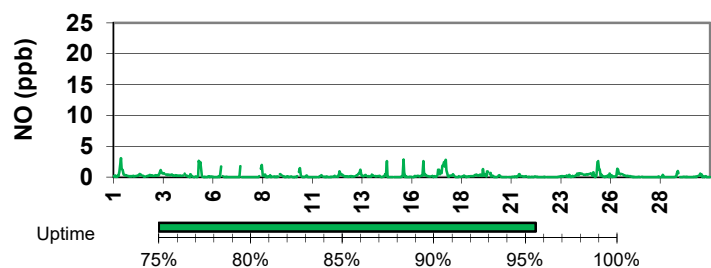
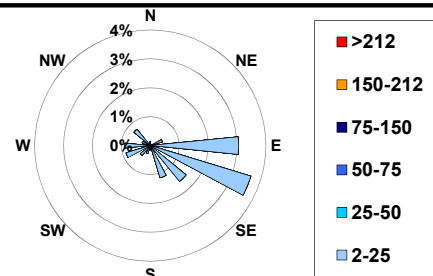
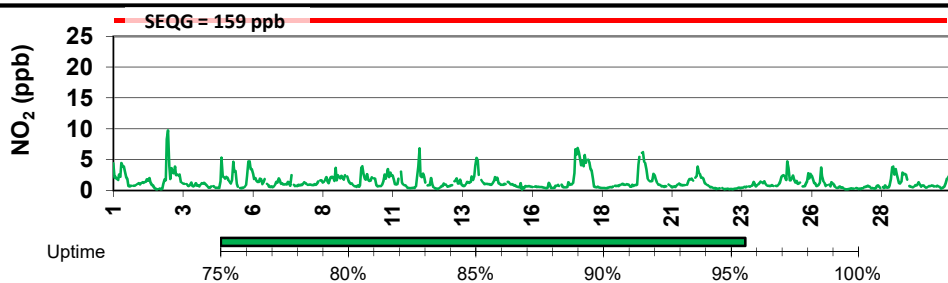
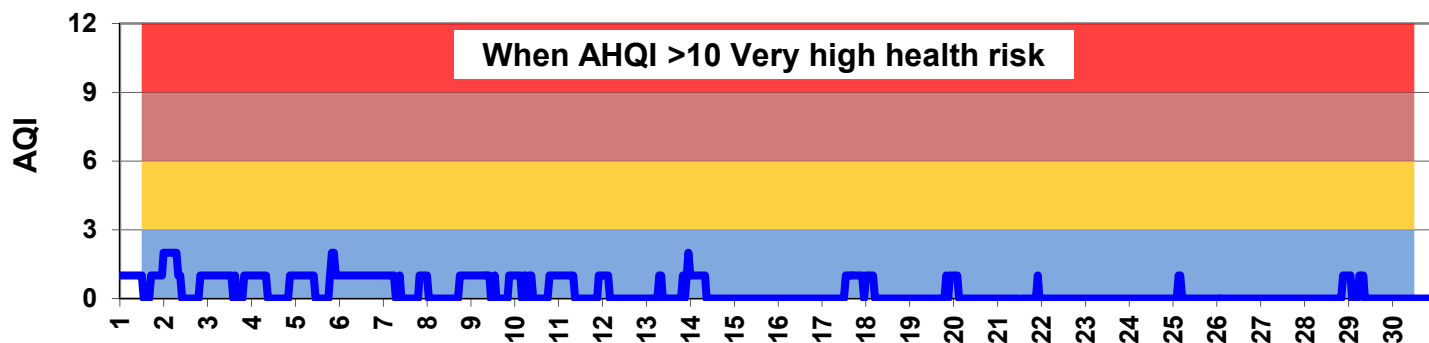
There were no exceedance in the month of September 2018, the maximum hydrogen sulphide was during calm winds

Instruments uptime remained >95%

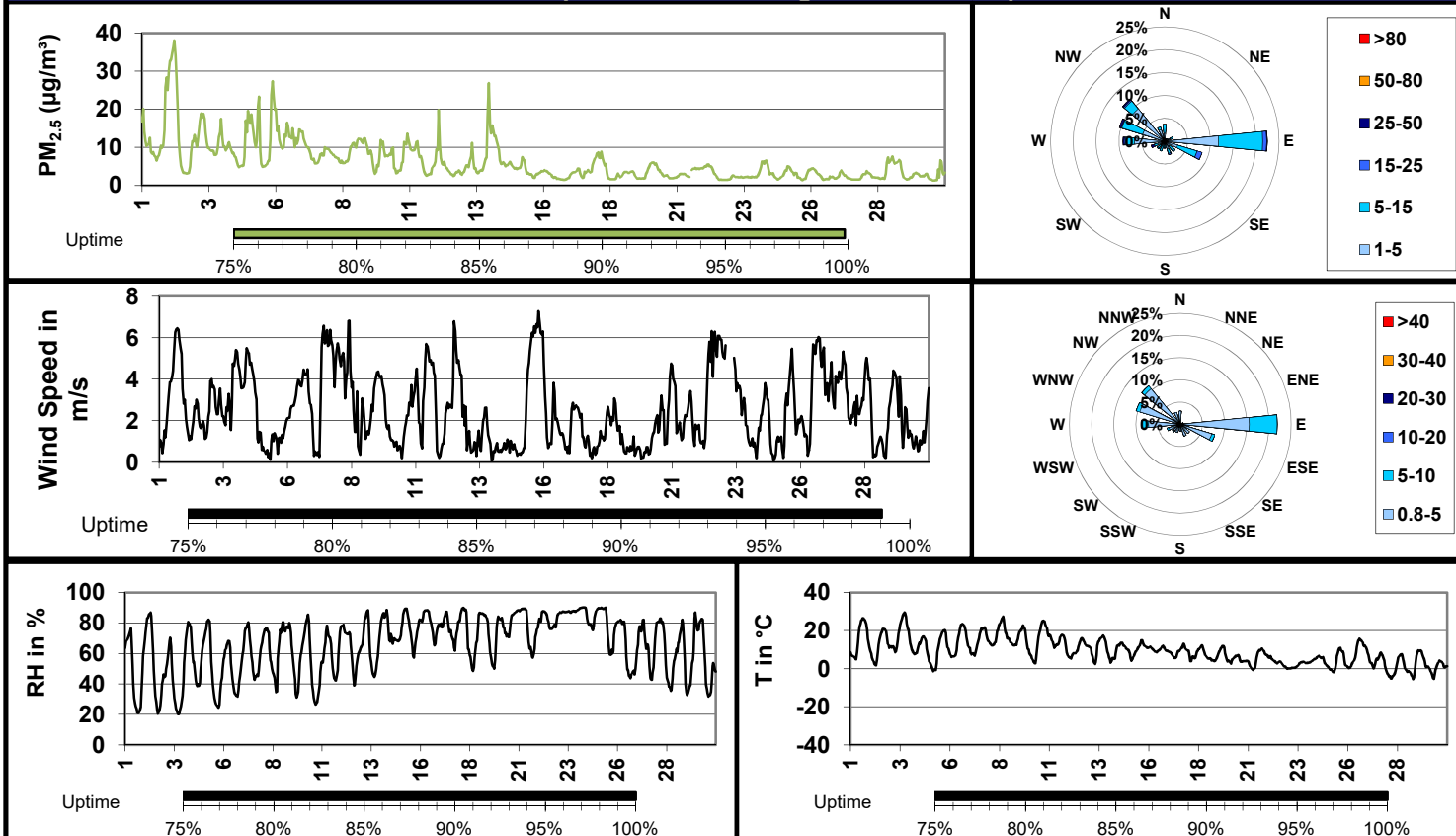
Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of PM_{2.5})

SESAA - September 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)	0.2	95.6%	3.1	-	Sep-01 09:00	0.8	-	Sep-17	- / -
NO ₂ (ppb)	1.4	95.6%	9.8	159	Sep-02 23:00	3.5	106	Sep-01	0 / 0
NO _x (ppb)	1.6	95.6%	10.0	-	Sep-02 23:00	3.7	-	Sep-01	- / -
SO ₂ (ppb)	0.4	95.6%	7.8	172	Sep-02 23:00	4.6	-	Sep-01	0 / 0
H ₂ S (ppb)	0.1	95.6%	1.4	11	Sep-13 10:00	0.5	3.6	Sep-05	0 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	6.2	99.9%	38.1	-	Sep-02 05:00	16.1	30	Sep-02	- / 0



SESAA - September 2018 Stoughton Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
9/13/2018 10:00	1.7	0.7	1.4	-	4.5	1.1	271.9	12.1	65.9

Update Summary:

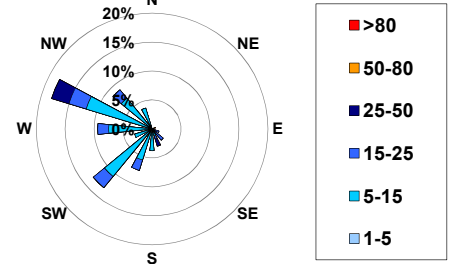
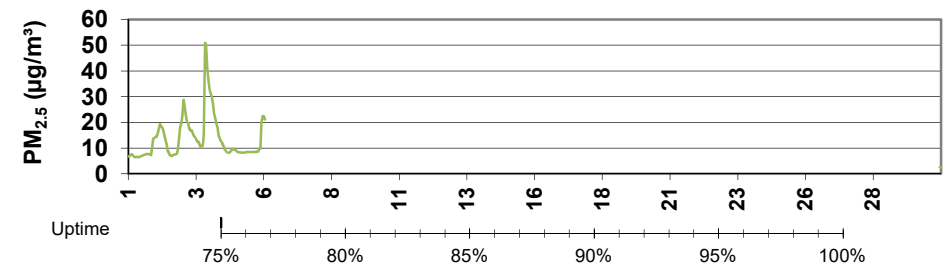
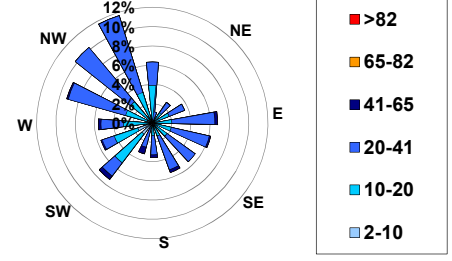
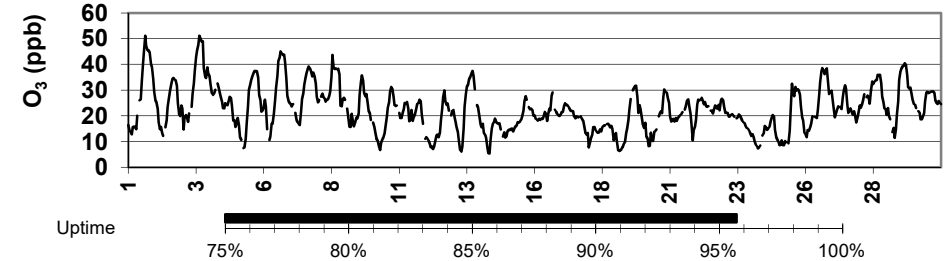
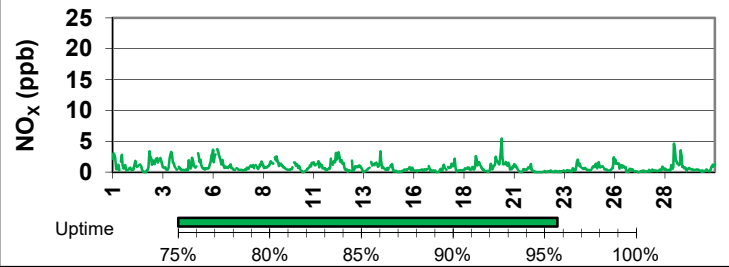
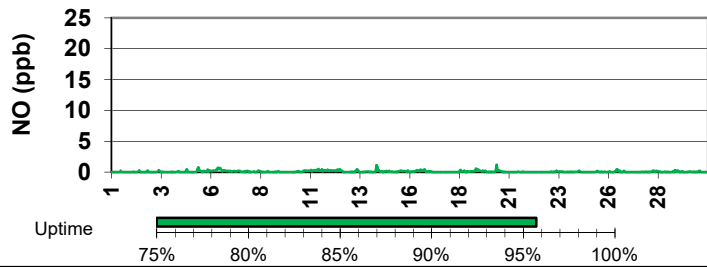
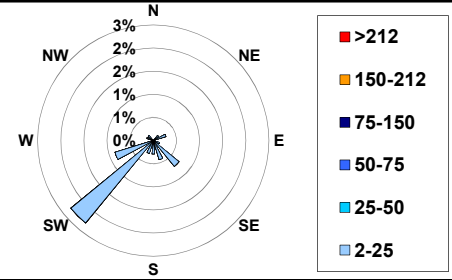
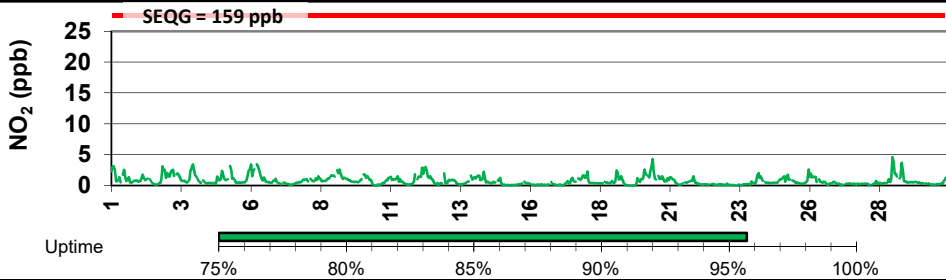
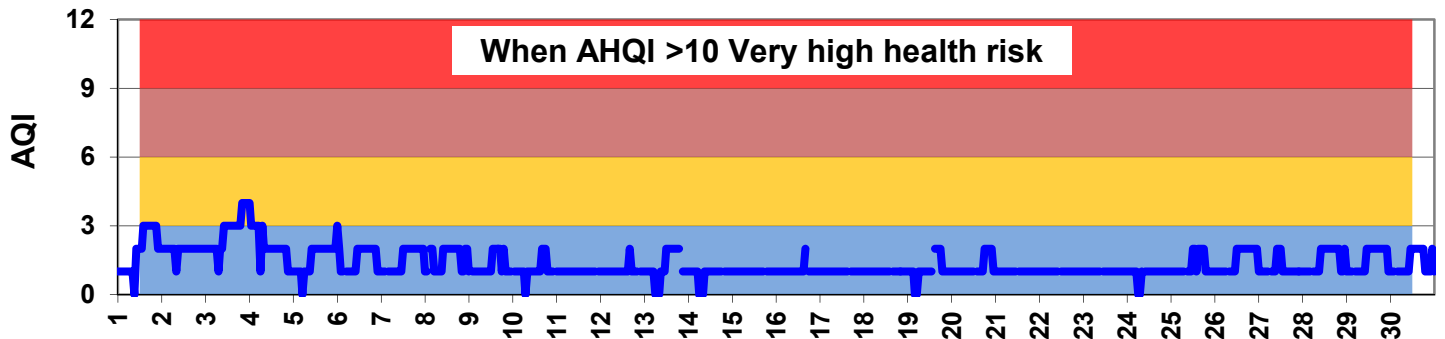
There were no exceedance in the month of September 2018, the maximum hydrogen sulphide was during low winds

Instruments uptime remained >95%

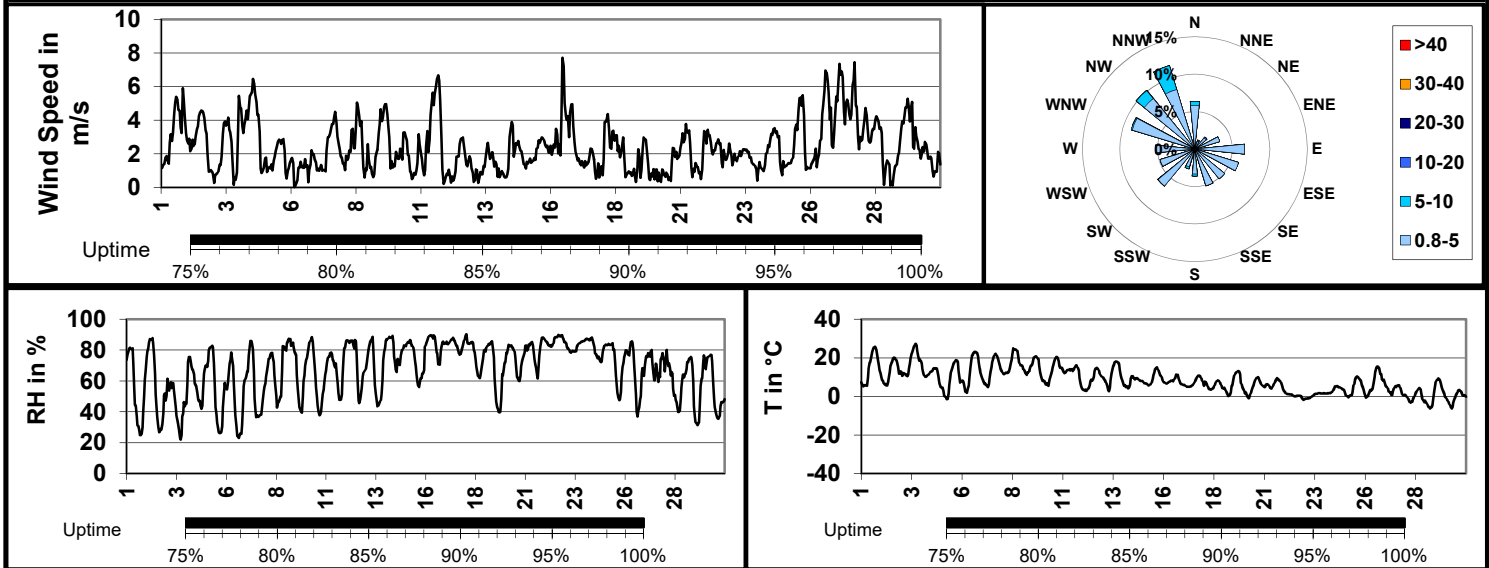
Data showed a low AQHI for the month (in the absence of ozone)

SESAA - September 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)	0.1	95.7%	1.2	-	Sep-20 09:00	0.3	-	Sep-06	- / -
NO ₂ (ppb)	0.8	95.7%	4.6	159	Sep-28 23:00	1.5	106	Sep-03	0 / 0
NO _x (ppb)	0.8	95.7%	5.5	-	Sep-20 09:00	1.6	-	Sep-06	- / -
SO ₂ (ppb)									
H ₂ S (ppb)									
O ₃ (ppb)	22.6	95.7%	51.2	82	Sep-03 15:00	32.4	63	Sep-03	0 / 0
PM _{2.5} (µg/m ³)	13.3	17.2%	50.9	-	Sep-03 20:00	21.4	30	Sep-03	- / 0



SESAA - September 2018 Estherhazy Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
9/3/2018 20:00	2.3	-	-	35.6	50.9	0.6	69.0	20.7	39.0

Update Summary:

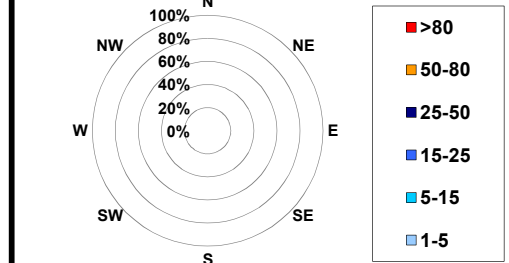
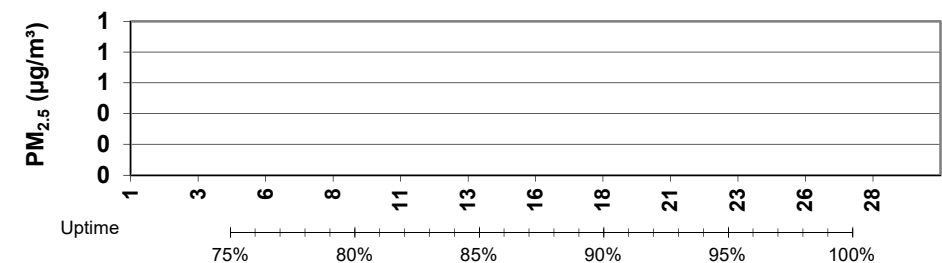
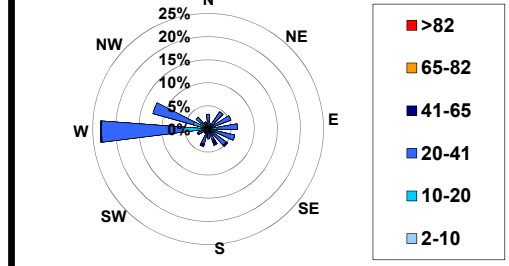
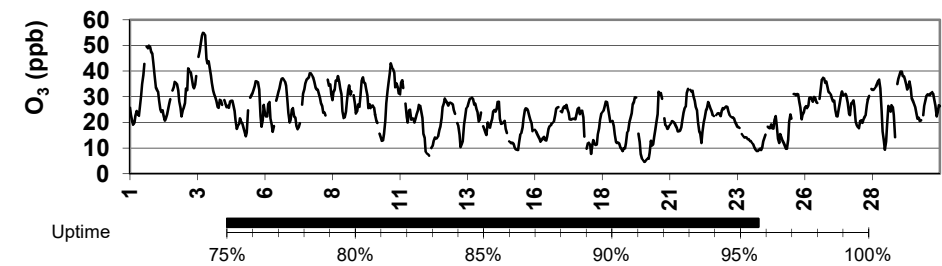
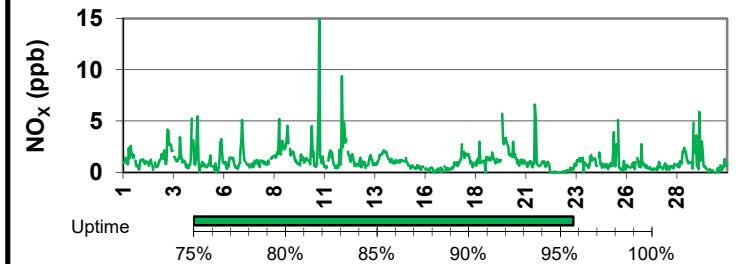
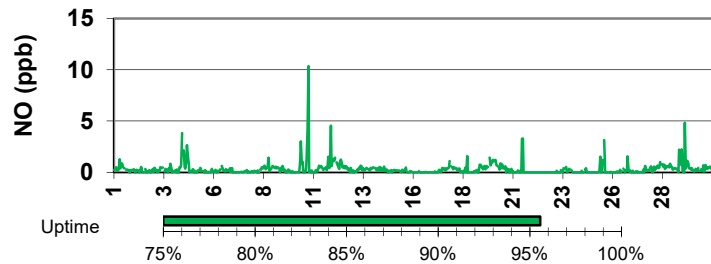
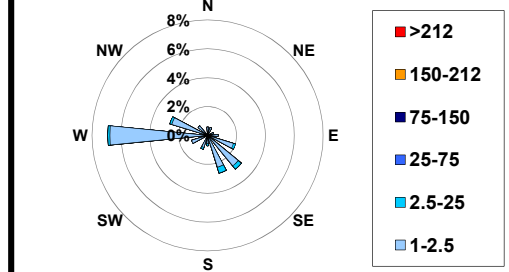
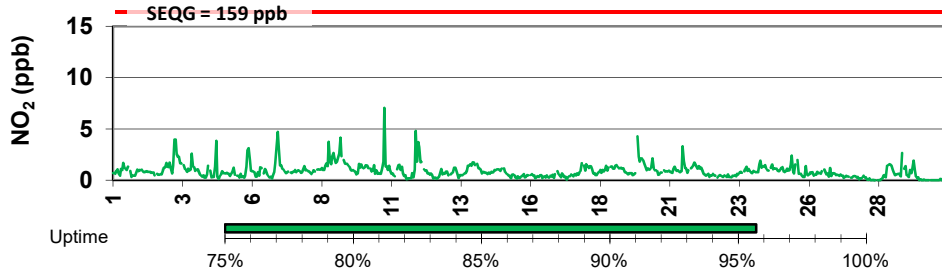
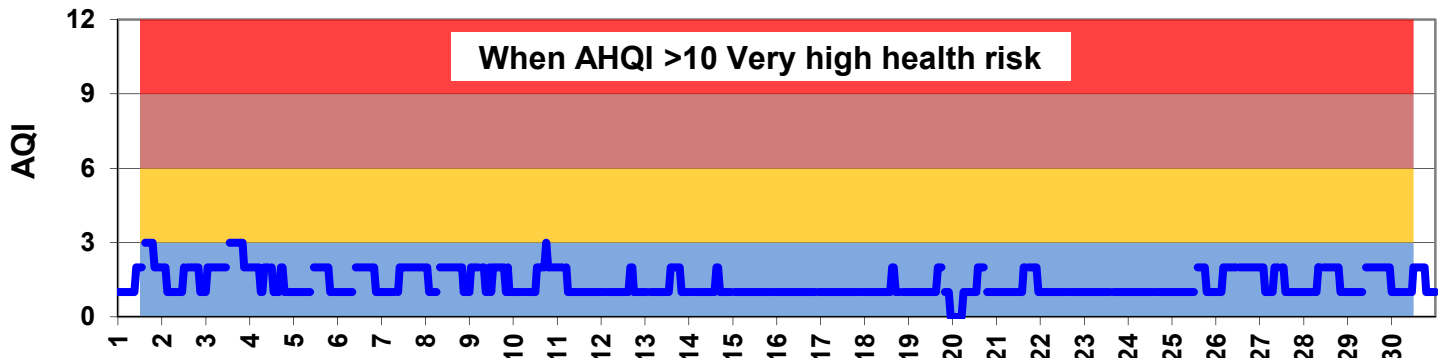
There were no exceedance in the month of September 2018

There was an issue with the Sharp PM2.5 and was taken offline to fix resulting in low uptime for the month, all other instruments remained >95% uptime.

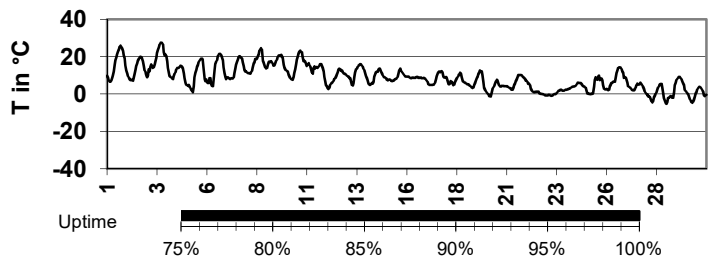
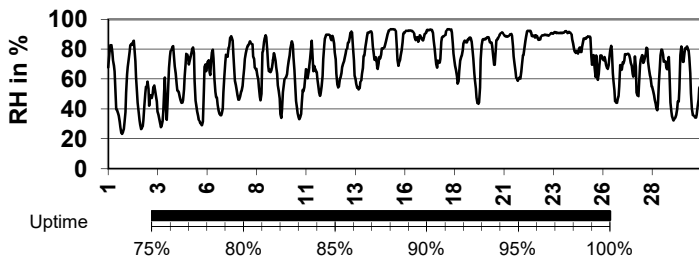
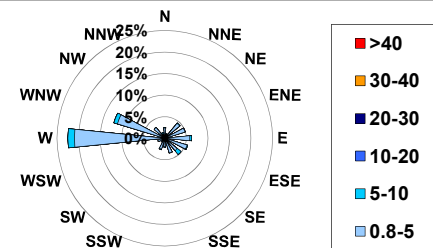
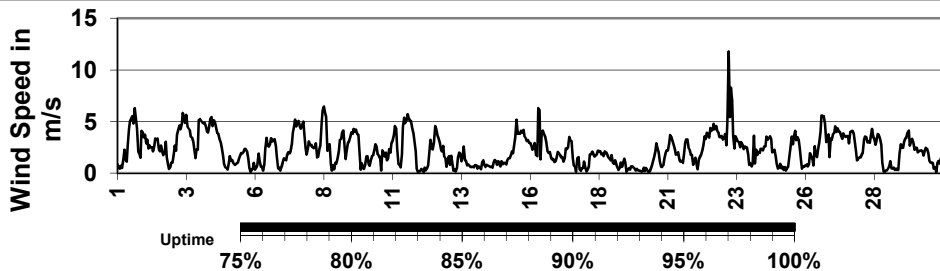
Data showed a low Air Quality Health Index (AQHI) for the month

SESAA - September 2018 Wawota 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	95.6%	10.3	-	Sep-10 18:00	0.9	-	Sep-10	- / -
NO ₂ (ppb)	0.9	95.7%	7.0	159	Sep-10 18:00	1.6	106	Sep-03	0 / 0
NO _x (ppb)	1.1	95.7%	17.4	-	Sep-10 18:00	2.2	-	Sep-10	- / -
O ₃ (ppb)	24.5	95.7%	54.8	82	Sep-03 17:00	39.6	63	Sep-03	0 / 0
PM _{2.5} (µg/m ³)									



SESAA - September 2018 Wawota Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
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Update Summary

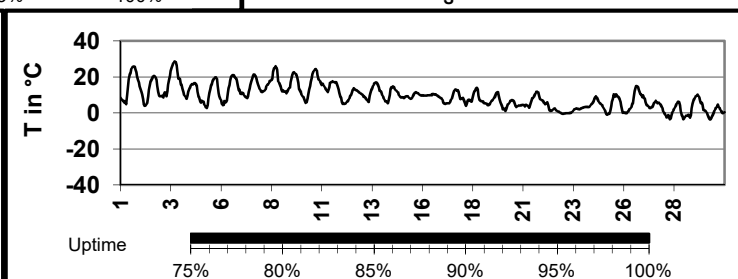
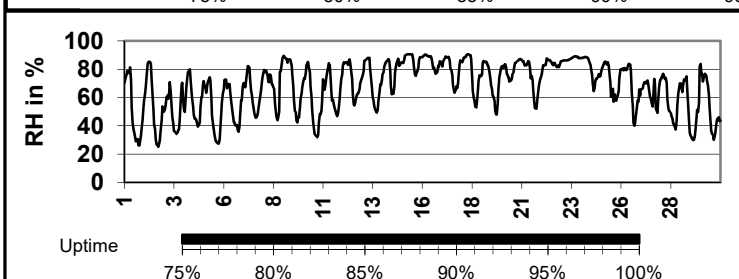
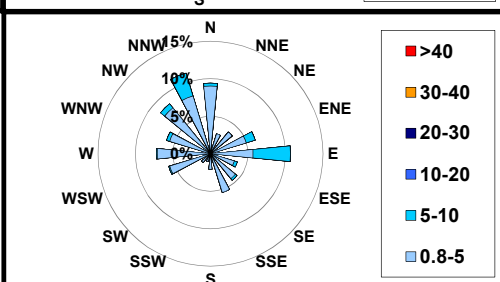
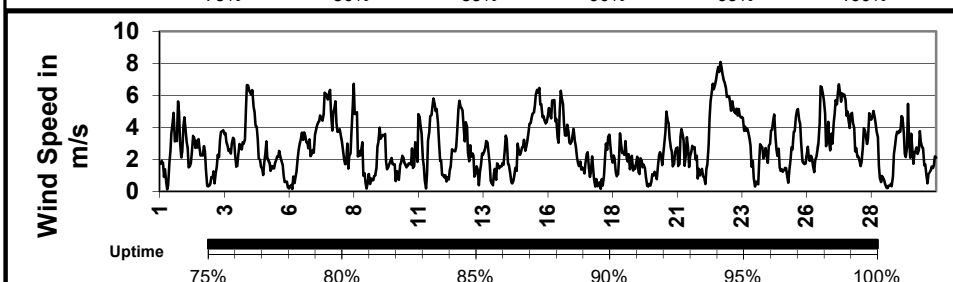
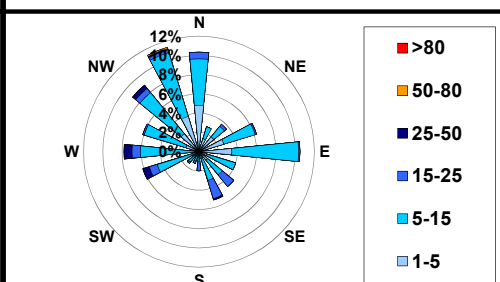
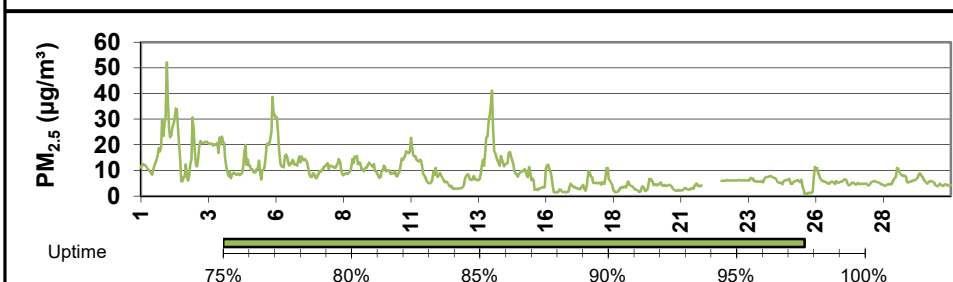
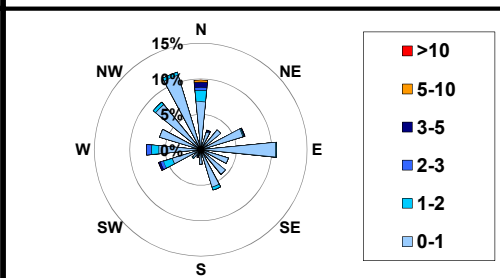
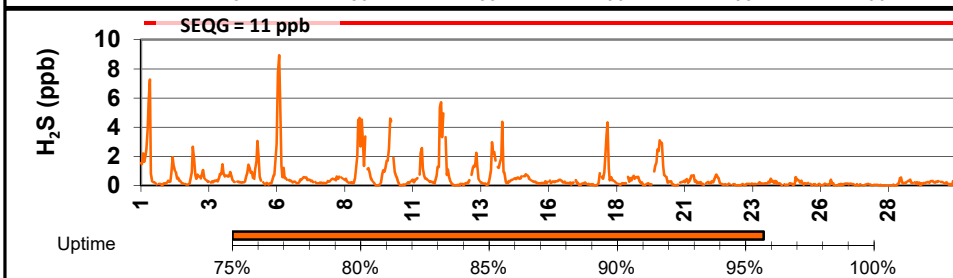
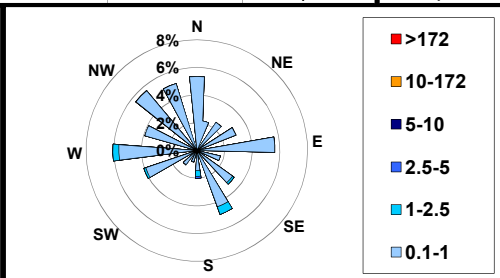
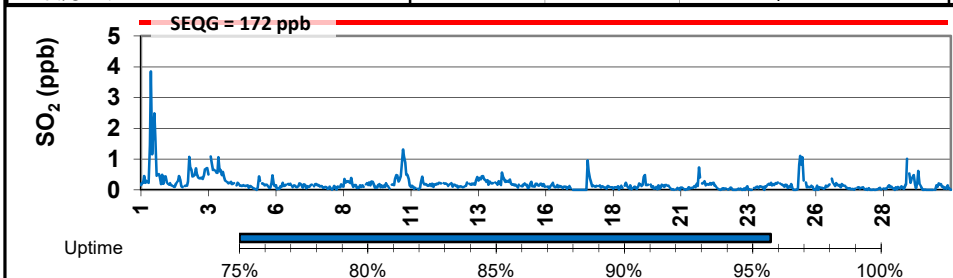
There were no exceedences during the month of July 2018

Equipment operated well with uptime above 95%, with the exception of PM2.5 which is being serviced

Data for the month showed a low AQHI for the month

SESAA - September 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	95.7%	3.8	172	Sep-01 09:00	0.7	-	Sep-01	0 / 0
H ₂ S (ppb)	0.5	95.7%	8.9	11	Sep-06 02:00	1.4	3.6	Sep-06	0 / 0
PM _{2.5} (µg/m ³)	9.0	97.6%	52.1	-	Sep-01 23:00	19.5	30	Sep-02	- / 0



Elevated Reading Summary

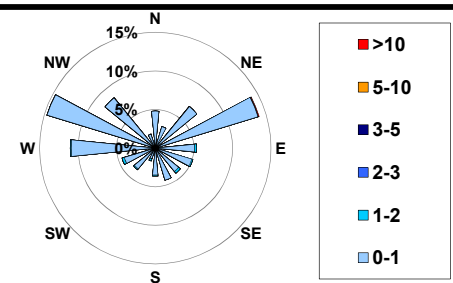
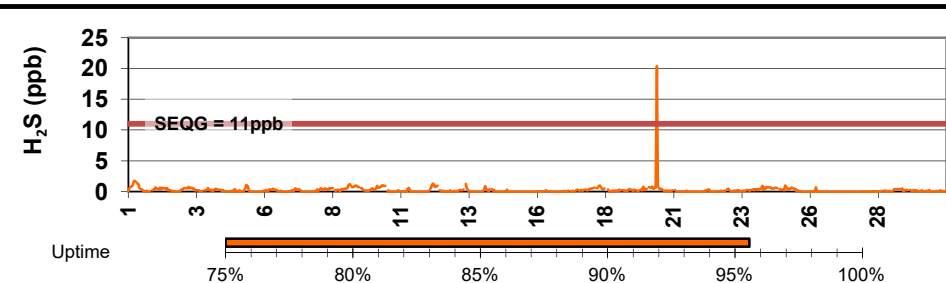
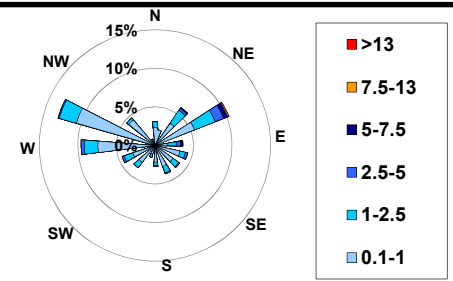
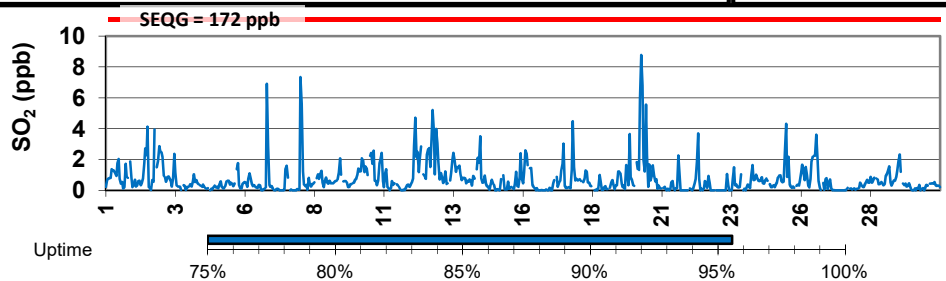
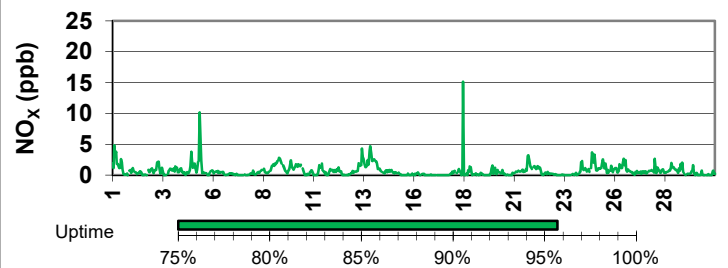
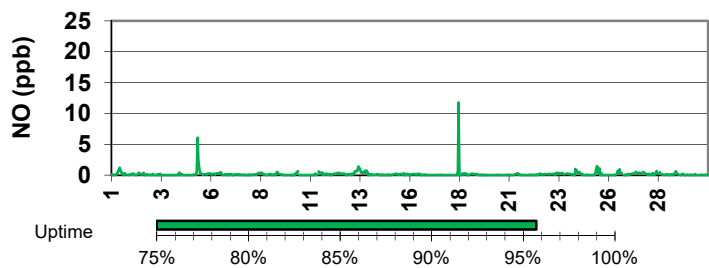
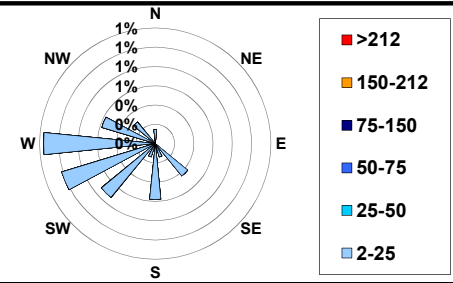
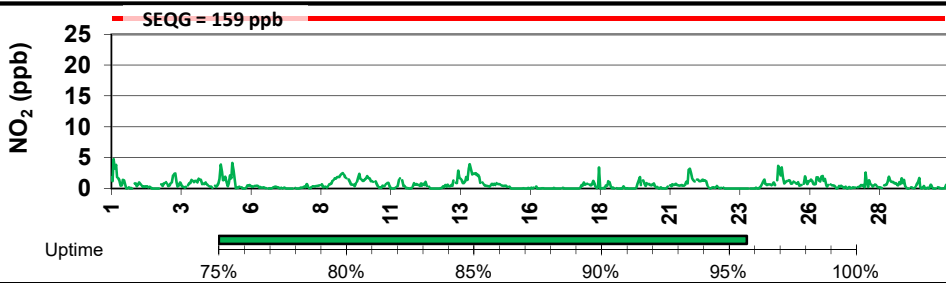
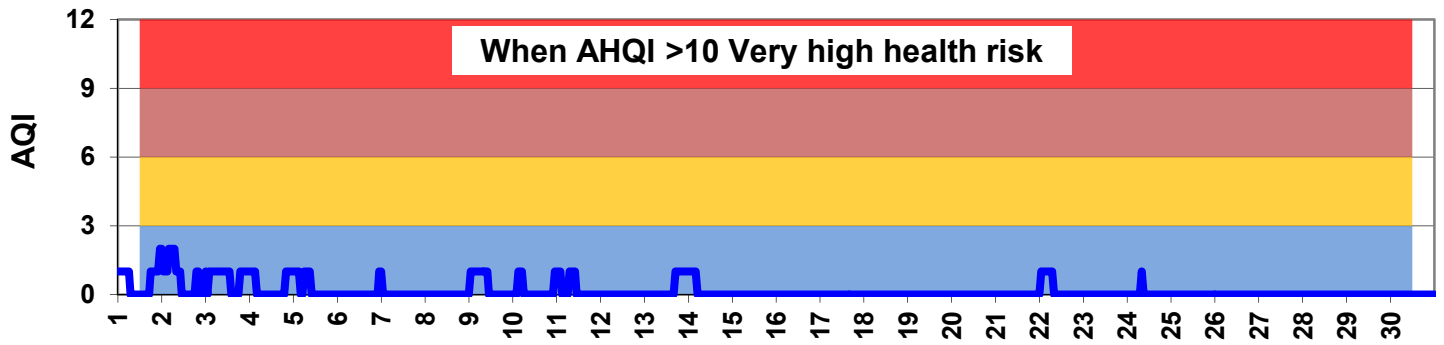
Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
9/6/2018 2:00	-	0.1	8.9	-	23.6	0.4	4.4	4.3	72.7

Update Summary:

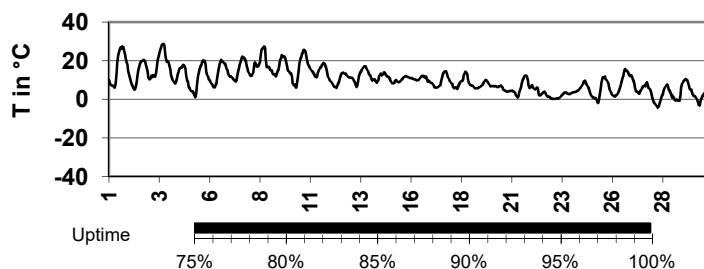
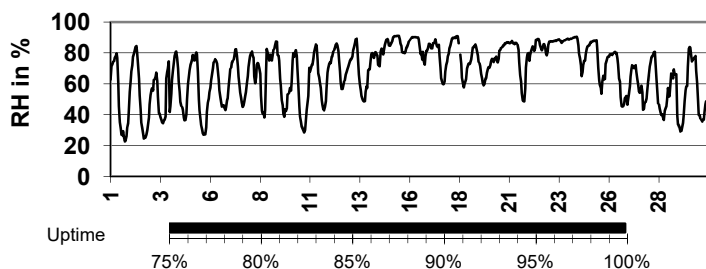
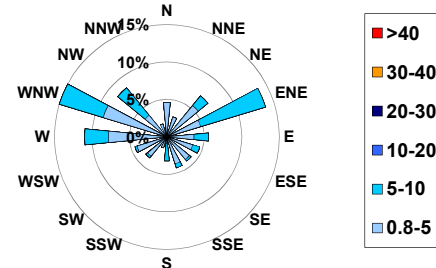
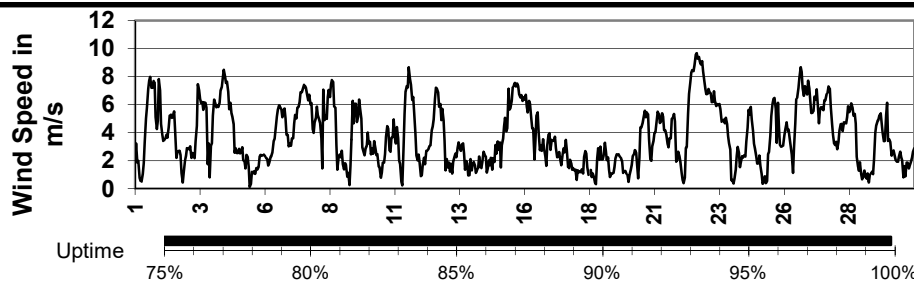
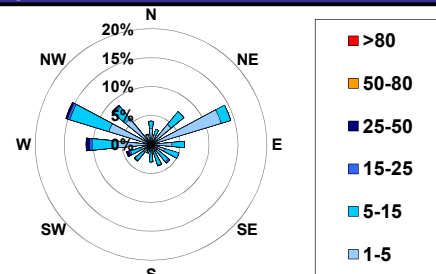
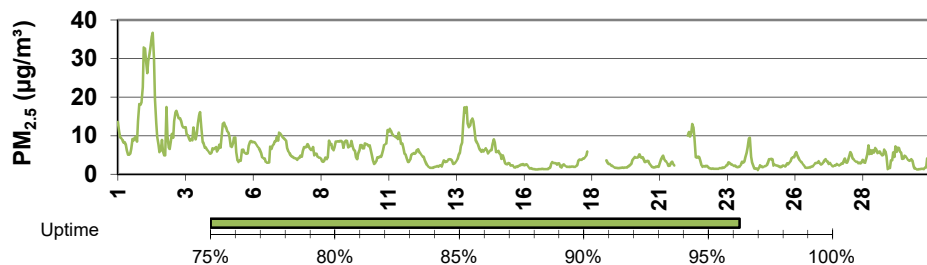
There were no exceedance in the month of September 2018, the maximum hydrogen sulphide was during low winds
 All instruments remained >95% uptime.
 Data showed a low Air Quality Health Index (AQHI) for the month (no nitrogen dioxide and no ozone)

SESAA - September 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)	0.2	95.7%	11.8	-	Sep-18 11:00	0.6	-	Sep-18	- / -
NO ₂ (ppb)	0.6	95.7%	4.8	159	Sep-01 02:00	1.5	106	Sep-09	0 / 0
NO _x (ppb)	0.7	95.7%	15.2	-	Sep-18 11:00	1.9	-	Sep-13	- / -
SO ₂ (ppb)	0.7	95.6%	8.8	172	Sep-20 06:00	2.2	-	Sep-12	0 / 0
H ₂ S (ppb)	0.2	95.6%	20.4	11	Sep-20 09:00	1.2	3.6	Sep-20	1 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	5.6	96.3%	36.7	-	Sep-02 07:00	17.5	30	Sep-02	- / 0



SESAA - September 2018 Oxbow Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
9/20/2018 9:00	0.7	1.2	20.4	-	4.4	0.7	74.8	6.6	75.4

Update Summary:

There was one elevated reading of H₂S on September 20 (09:00) which was an instant spike with no further readings, no other exceedances were noted in the month of September 2018

All instruments remained >95% uptime.

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