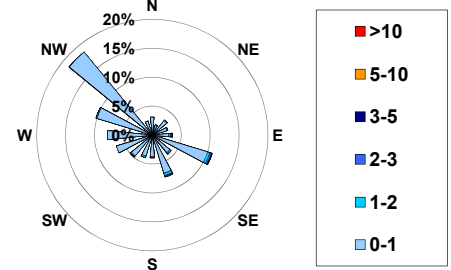
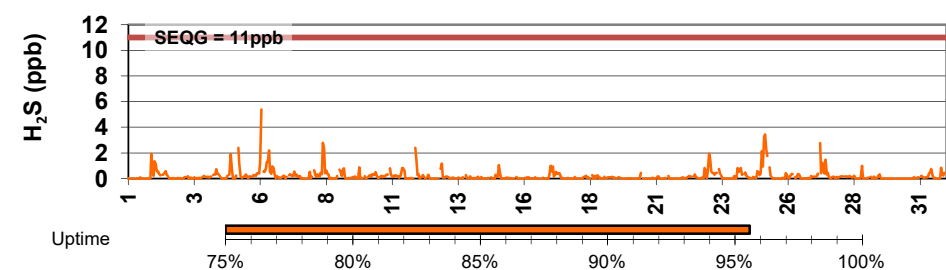
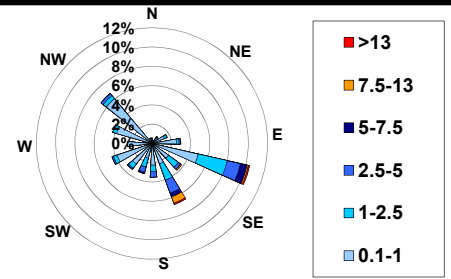
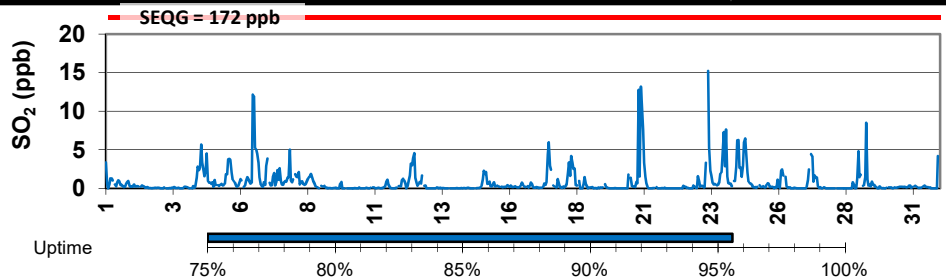
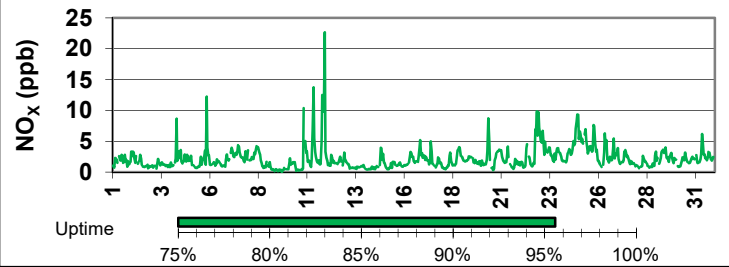
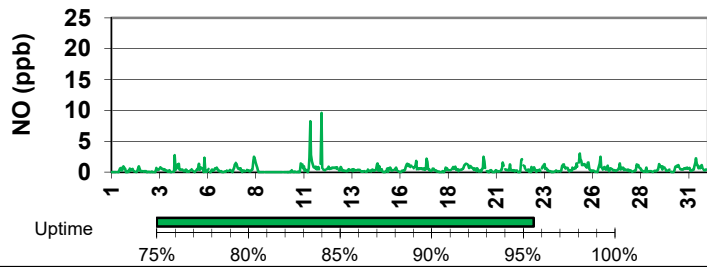
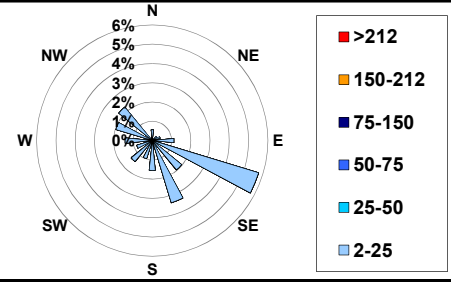
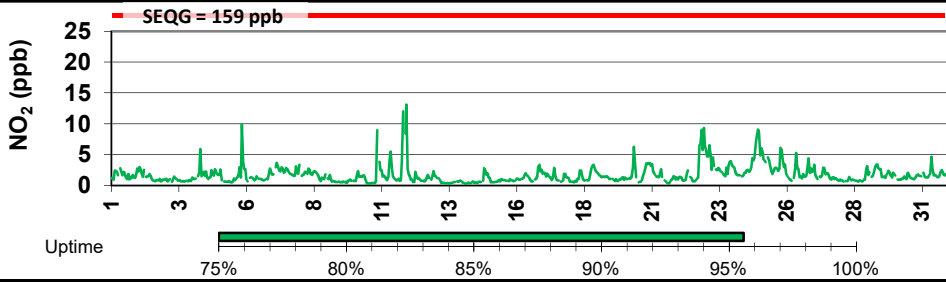
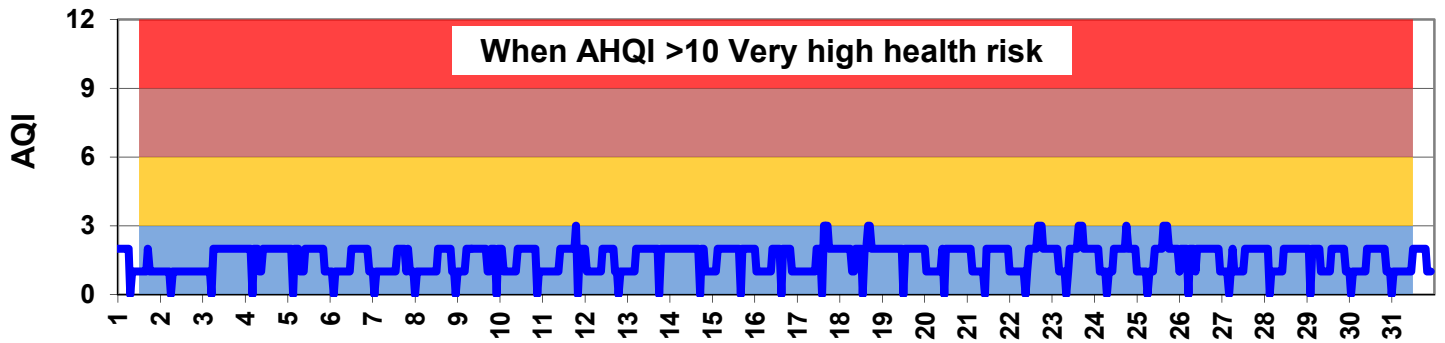
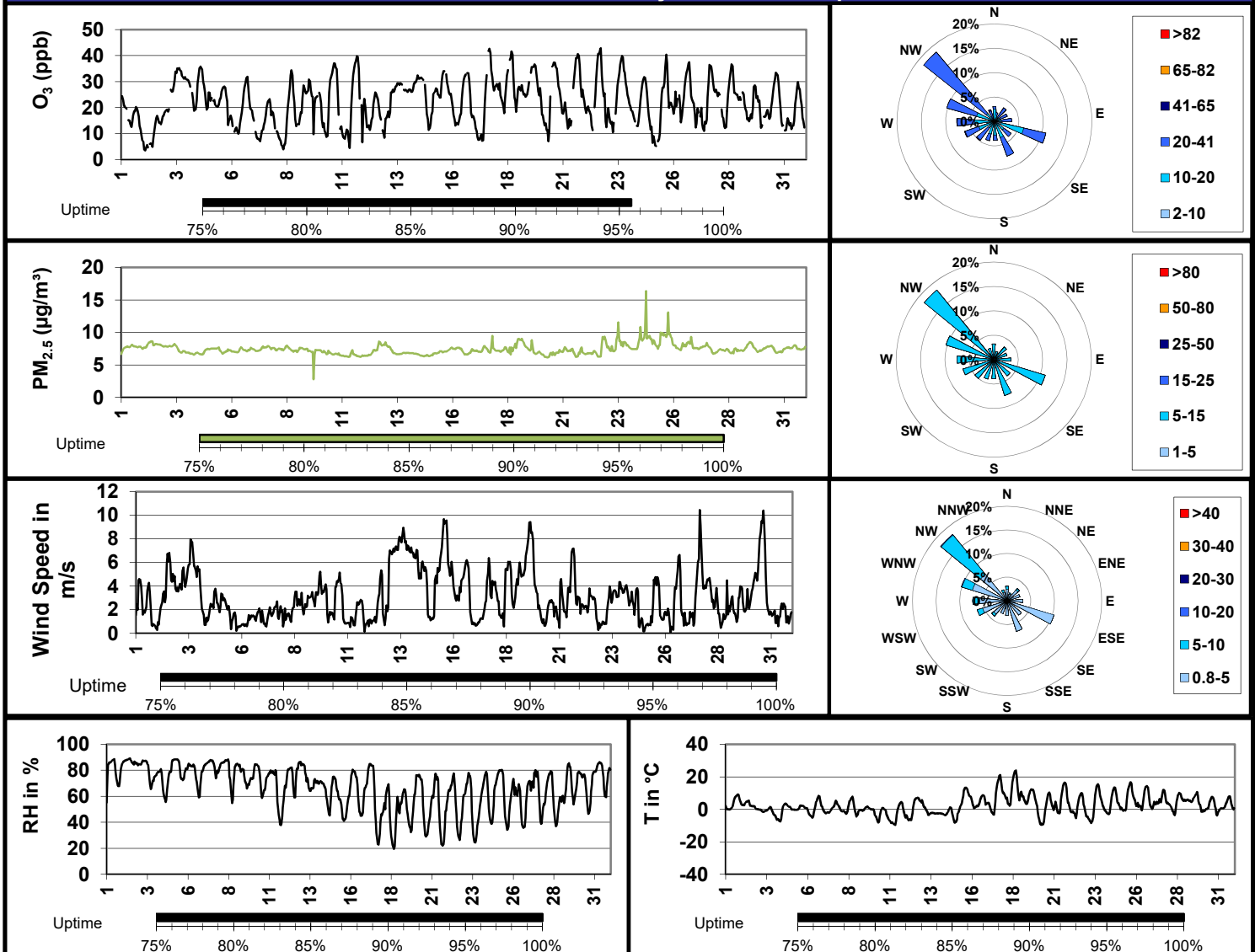


SESAA - October 2018 Weyburn Station Report

Parm	Average	Uptime	1-hour			8-hour / 24-hour			Exceed 1hr / 24hr
			Max	Objective	Max Day and Time	Max	Objective	Max Day	
NO (ppb)	0.5	95.6%	9.6	-	Oct-11 22:00	1.5	-	Oct-11	- / -
NO ₂ (ppb)	1.7	95.6%	13.1	159	Oct-11 22:00	3.5	106	Oct-25	0 / 0
NO _x (ppb)	2.2	95.6%	22.6	-	Oct-11 22:00	4.6	-	Oct-25	- / -
SO ₂ (ppb)	0.8	95.6%	15.2	172	Oct-23 09:00	2.6	-	Oct-24	0 / 0
H ₂ S (ppb)	0.2	95.6%	5.4	11	Oct-06 01:00	0.7	3.6	Oct-06	0 / 0
O ₃ (ppb)	22.1	95.6%	42.9	82	Oct-22 17:00	27.9	63	Oct-19	0 / 0
PM _{2.5} (µg/m ³)	7.4	100.0%	16.4	-	Oct-24 18:00	9.1	30	Oct-25	- / 0



SESAA - October 2018 Weyburn Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/6/2018 1:00	0.6	1.0	5.4	12.9	7.1	0.8	160.9	-1.9	85.1

Update Summary:

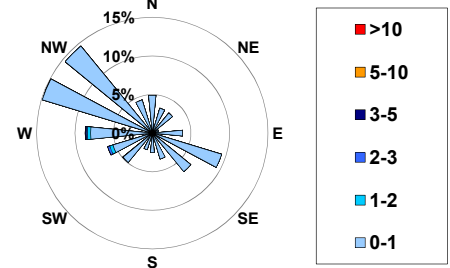
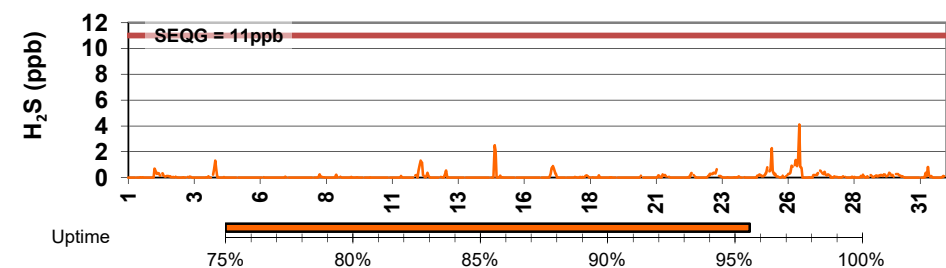
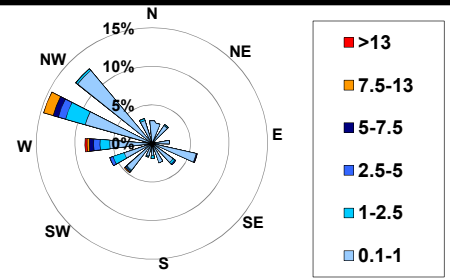
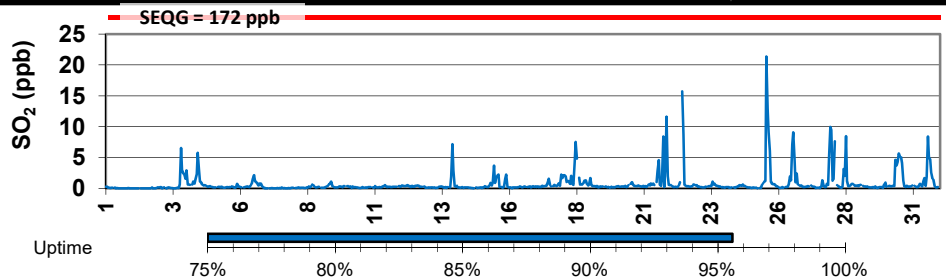
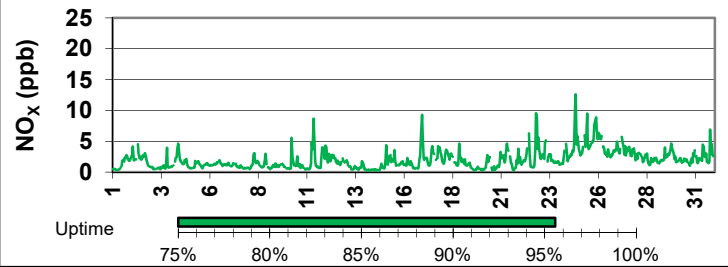
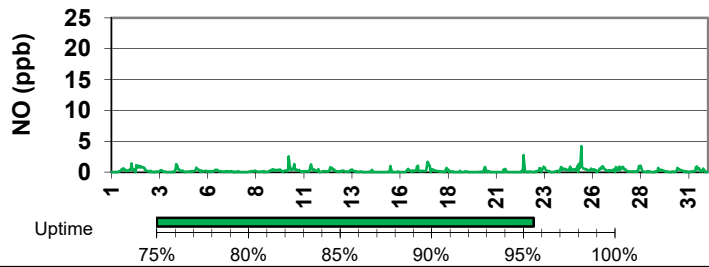
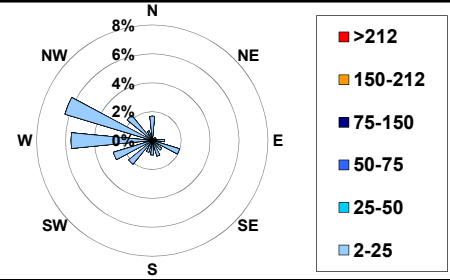
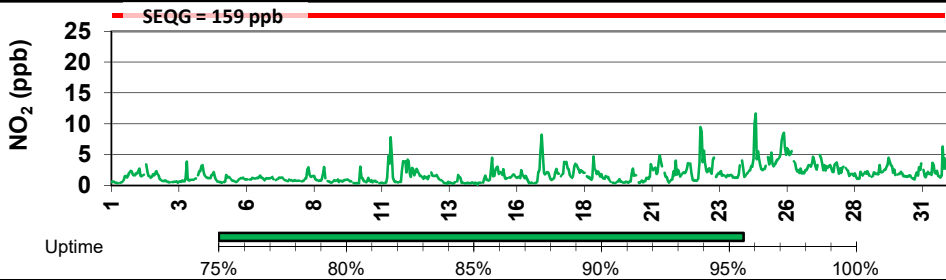
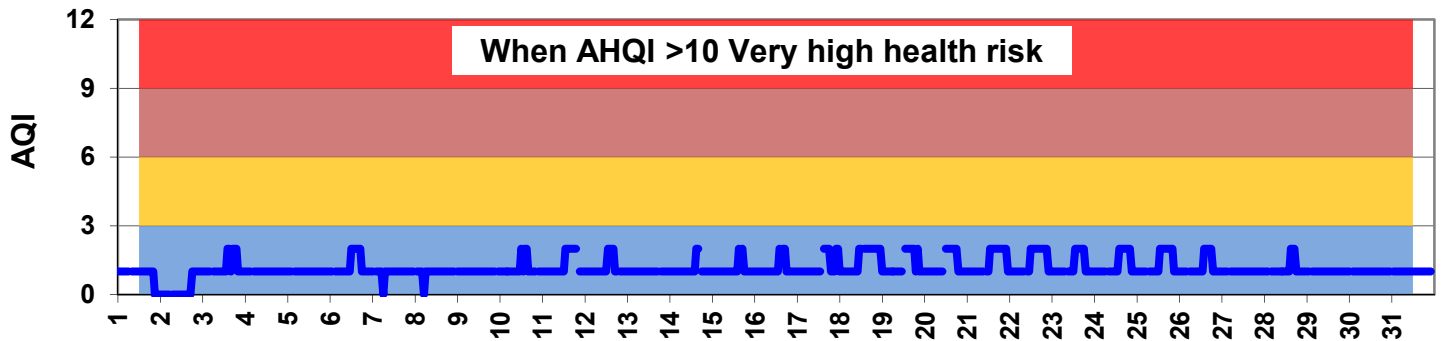
There were no exceedance in the month of October 2018, the maximum hydrogen sulphide was during calm winds

Instruments uptime remained >95%

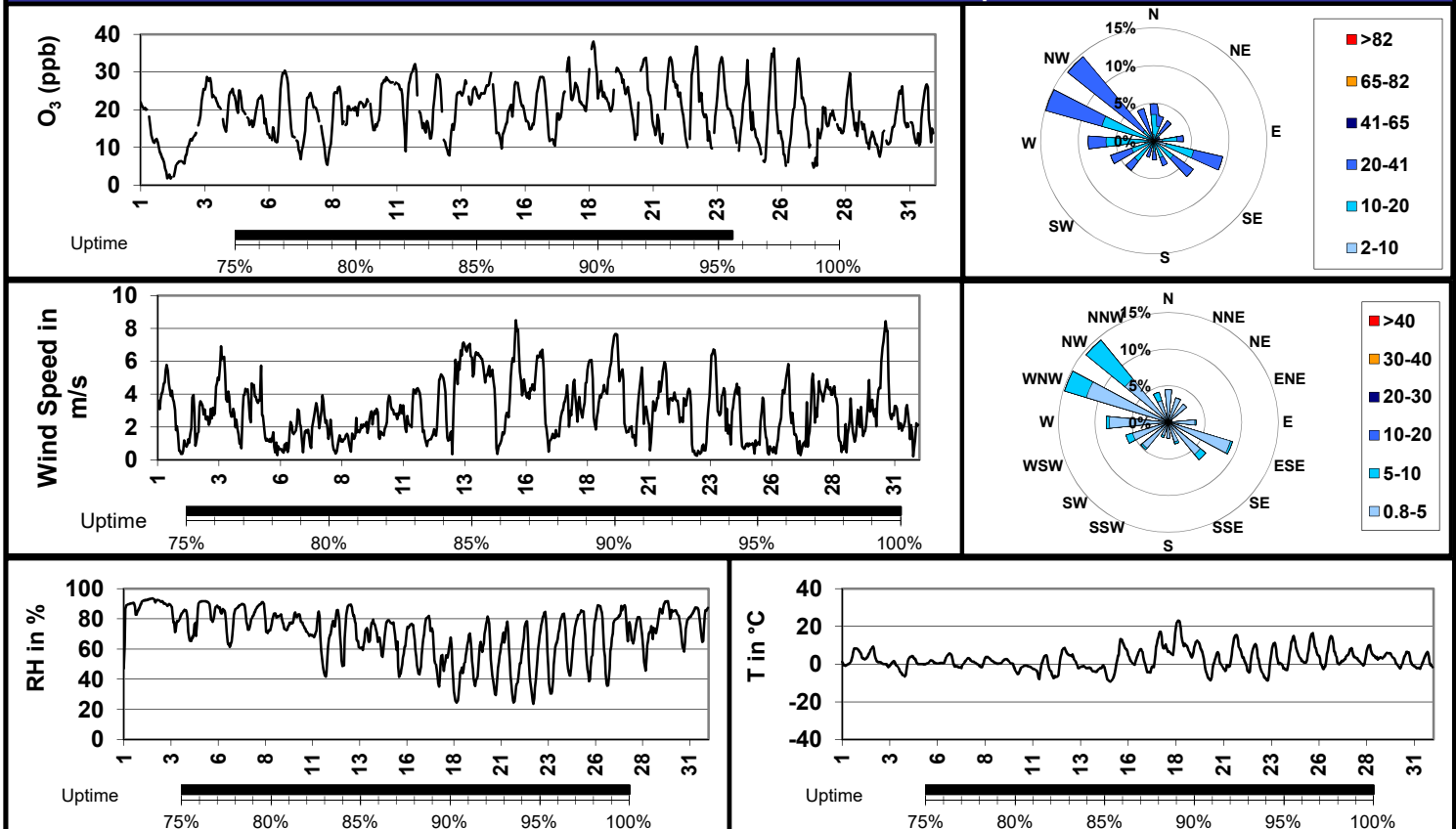
Data showed a low Air Quality Health Index for the month

SESAA - October 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	95.6%	4.2	-	Oct-25 10:00	-415.9	-	Oct-25	- / -
NO ₂ (ppb)	1.8	95.6%	11.7	159	Oct-24 20:00	4.2	106	Oct-25	0 / 0
NO _x (ppb)	2.0	95.6%	12.6	-	Oct-24 20:00	4.9	-	Oct-25	- / -
SO ₂ (ppb)	0.7	95.6%	21.3	172	Oct-25 13:00	2.4	-	Oct-25	0 / 0
H ₂ S (ppb)	0.1	95.6%	4.1	11	Oct-26 10:00	0.5	3.6	Oct-26	0 / 0
O ₃ (ppb)	19.3	95.6%	38.1	82	Oct-18 16:00	25.6	63	Oct-18	0 / 0
PM _{2.5} (µg/m ³)									



SESAA - October 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
10/26/2018 10:00	2.5	1.9	4.1	17.5	-	3.8	269.7	5.4	67.4

Update Summary:

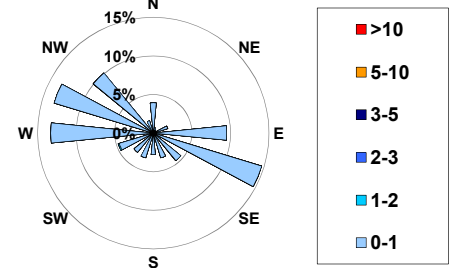
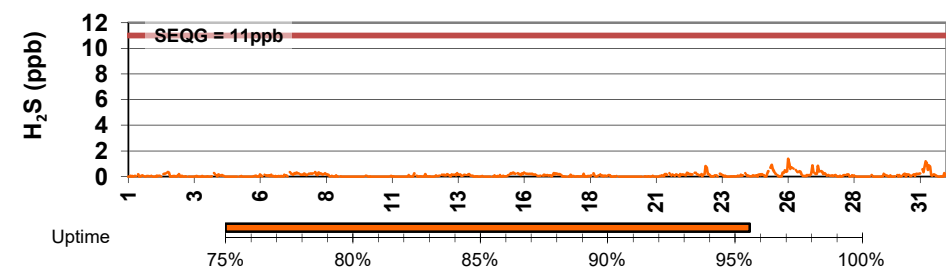
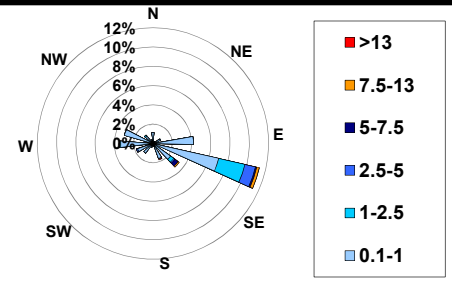
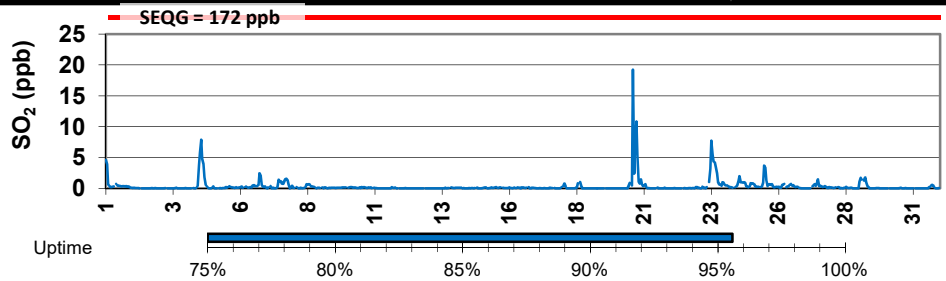
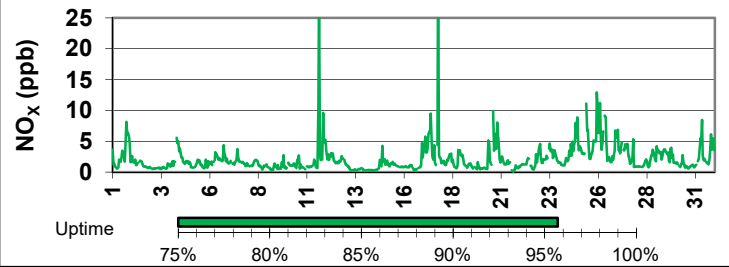
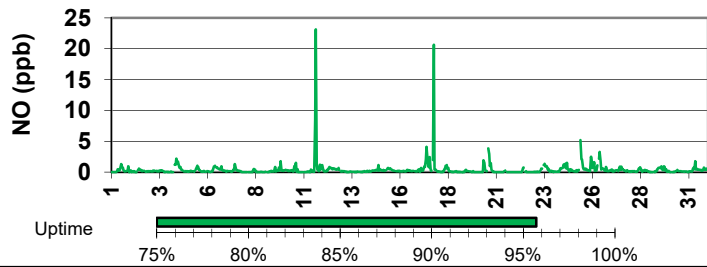
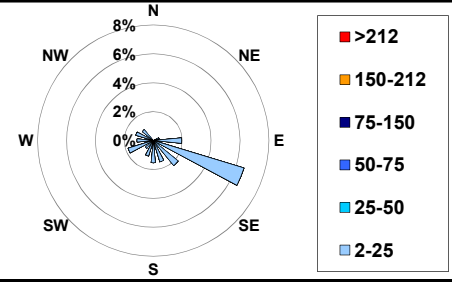
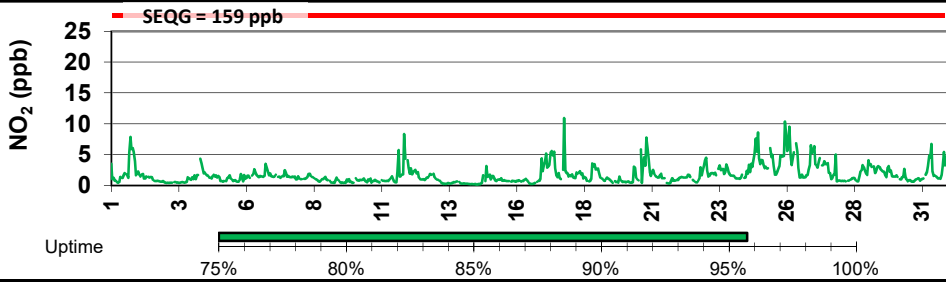
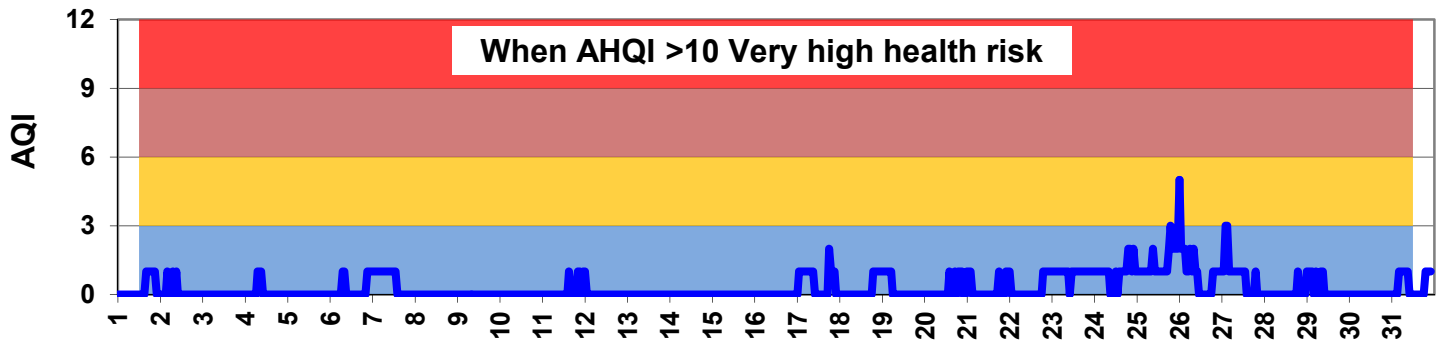
There were no exceedance in the month of October 2018, the maximum hydrogen sulphide was during low breeze

Instruments uptime remained >95%

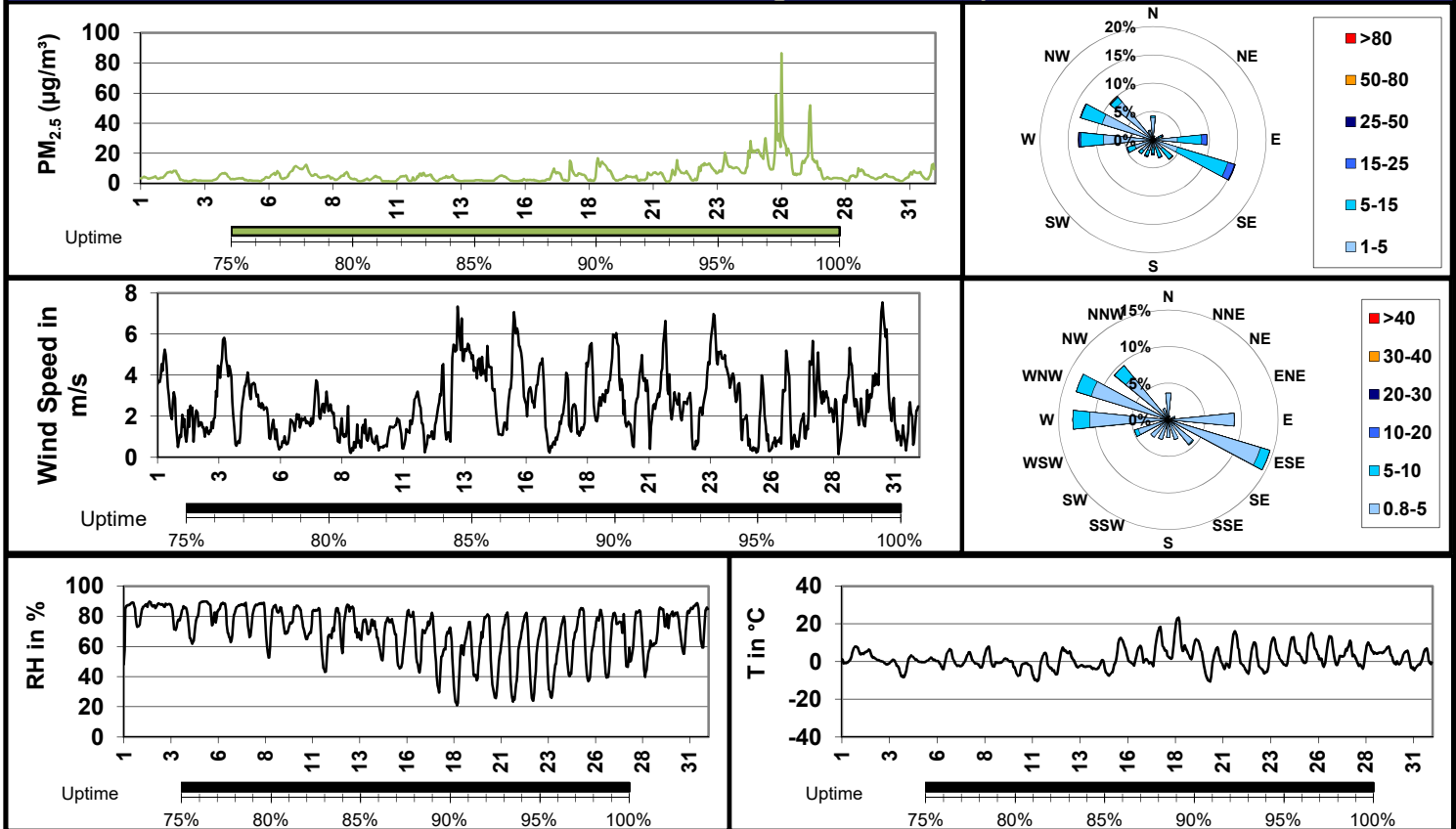
Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of PM2.5)

SESAA - October 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	95.7%	23.1	-	Oct-11 15:00	1.7	-	Oct-17	- / -
NO ₂ (ppb)	1.7	95.7%	10.9	159	Oct-17 18:00	3.9	106	Oct-25	0 / 0
NO _x (ppb)	2.1	95.7%	31.4	-	Oct-17 18:00	4.8	-	Oct-17	- / -
SO ₂ (ppb)	0.3	95.6%	19.2	172	Oct-20 14:00	2.1	-	Oct-20	0 / 0
H ₂ S (ppb)	0.1	95.6%	1.4	11	Oct-26 00:00	0.4	3.6	Oct-26	0 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	6.1	100.0%	86.3	-	Oct-26 00:00	21.5	30	Oct-25	- / 0



SESAA - October 2018 Stoughton Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/26/2018 0:00	5.6	0.2	1.4	-	86.3	0.4	140.7	3.1	72.7

Update Summary:

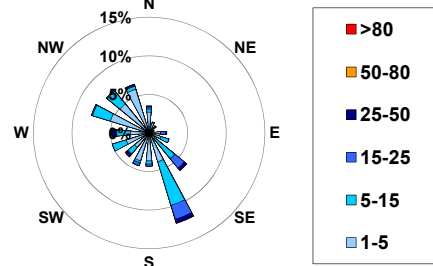
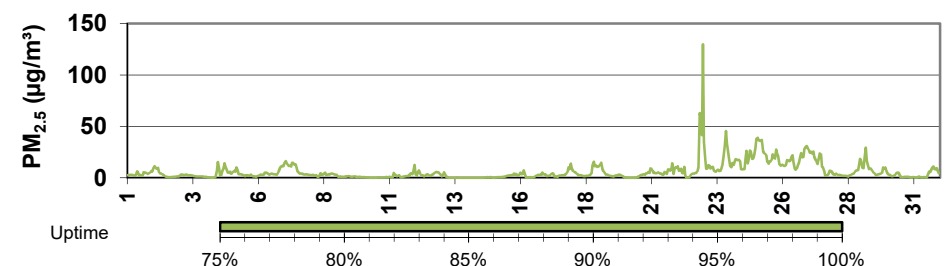
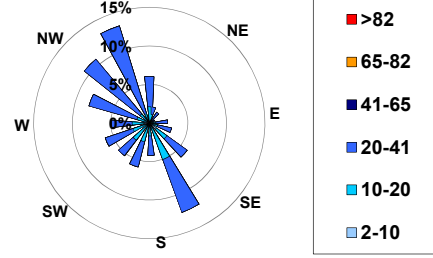
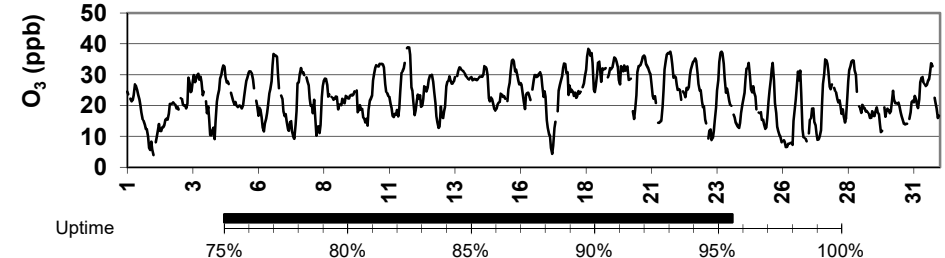
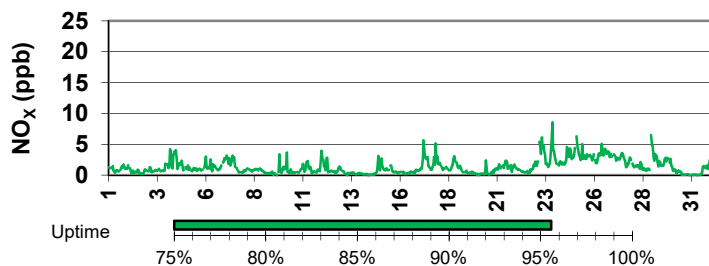
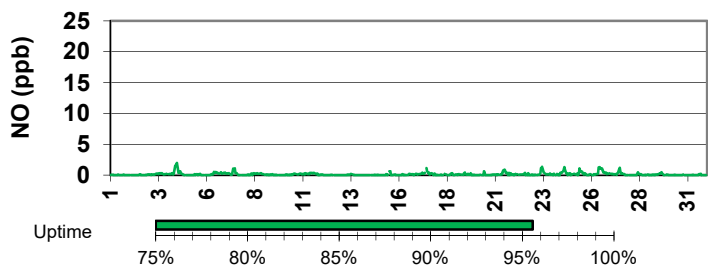
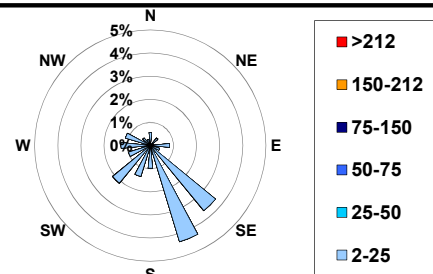
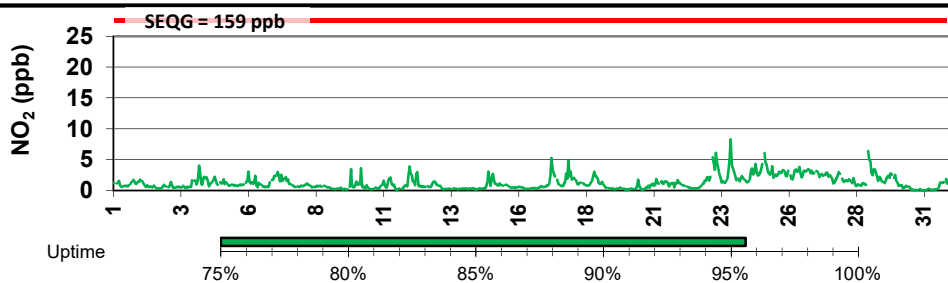
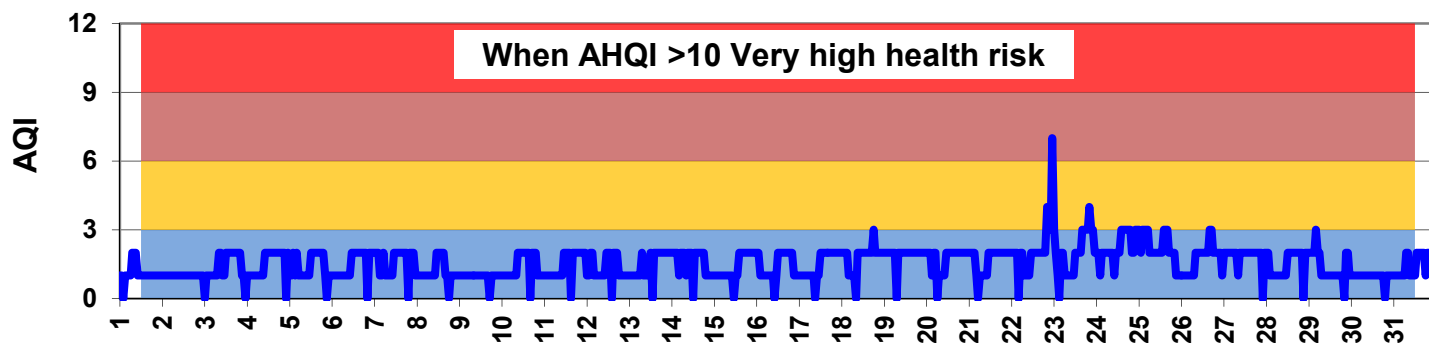
There were no exceedance in the month of October 2018, the maximum hydrogen sulphide was during calm winds

Instruments uptime remained >95%

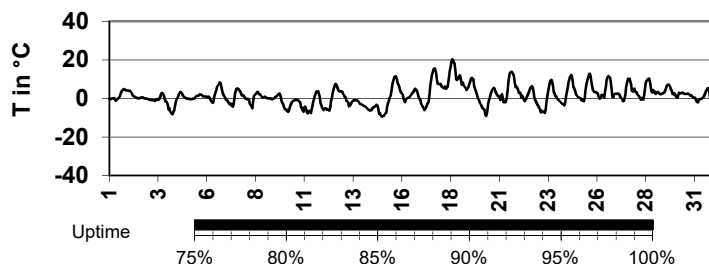
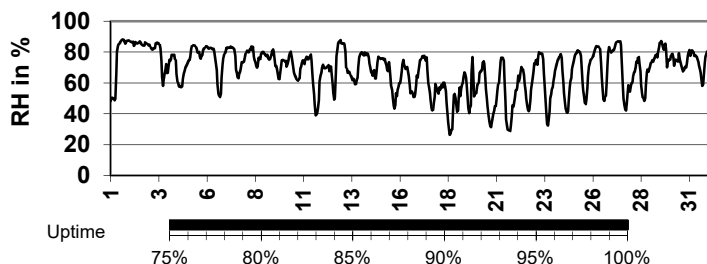
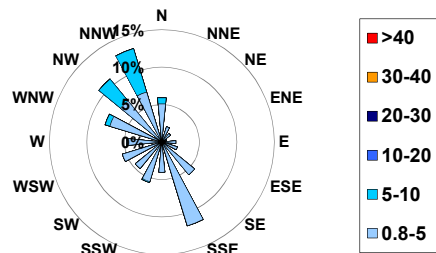
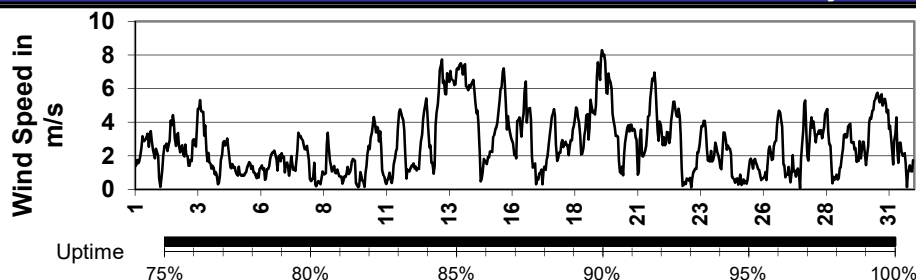
Data showed a low Air Quality Health Index (AQHI) for the month (in the absence of ozone), with the exception of high particulate matter during the week of October 21 with a period of high smoke in the region.

SESAA - October 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	95.6%	2.0	-	Oct-04 11:00	0.5	-	Oct-04	- / -
NO ₂ (ppb)	1.3	95.6%	8.3	159	Oct-23 20:00	3.1	106	Oct-23	0 / 0
NO _x (ppb)	1.4	95.6%	8.5	-	Oct-23 20:00	3.4	-	Oct-23	- / -
SO ₂ (ppb)									
H ₂ S (ppb)									
O ₃ (ppb)	23.1	95.6%	38.9	82	Oct-11 17:00	30.4	63	Oct-19	0 / 0
PM _{2.5} (µg/m ³)	6.2	100.0%	129.9	-	Oct-22 23:00	23.6	30	Oct-25	- / 0



SESAA - October 2018 Estherhazy Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/22/2018 23:00	2.1	-	-	19.5	129.9	0.6	224.7	-3.6	72.6

Update Summary:

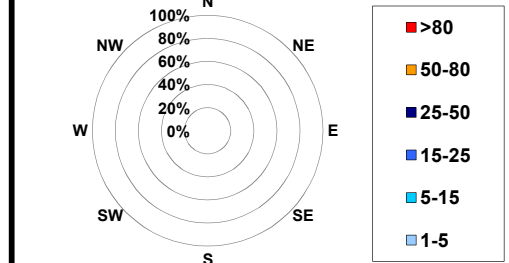
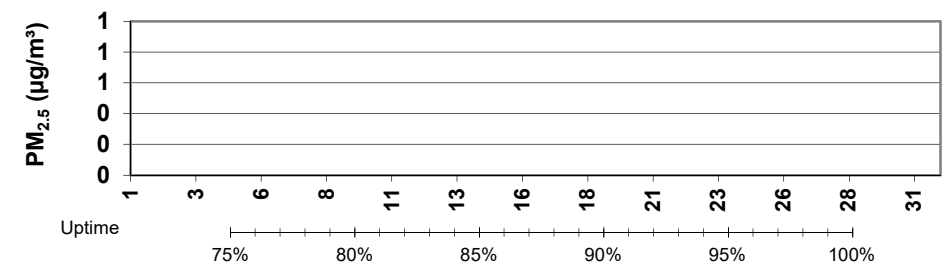
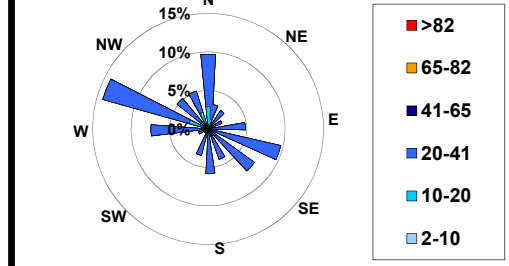
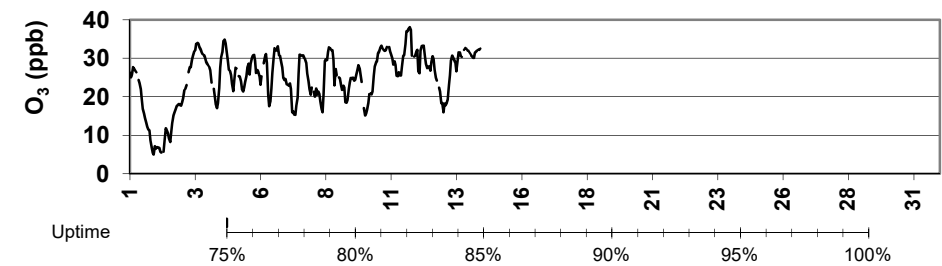
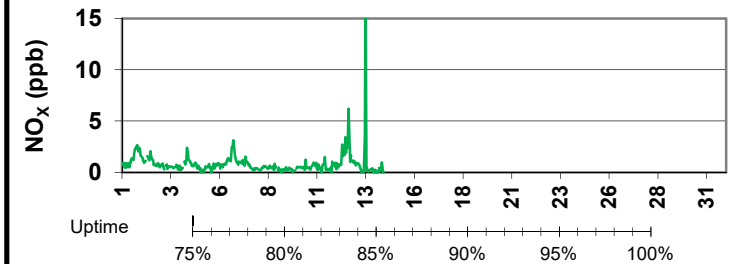
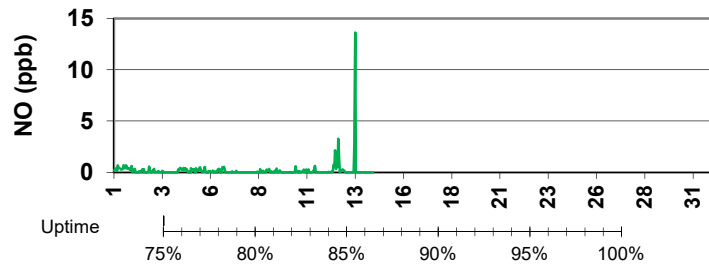
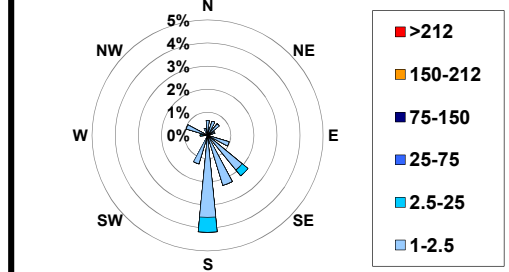
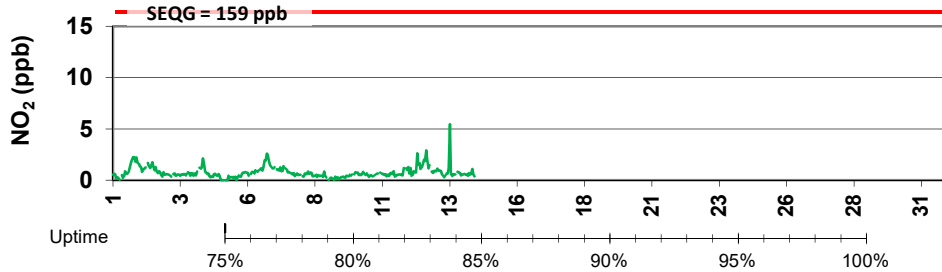
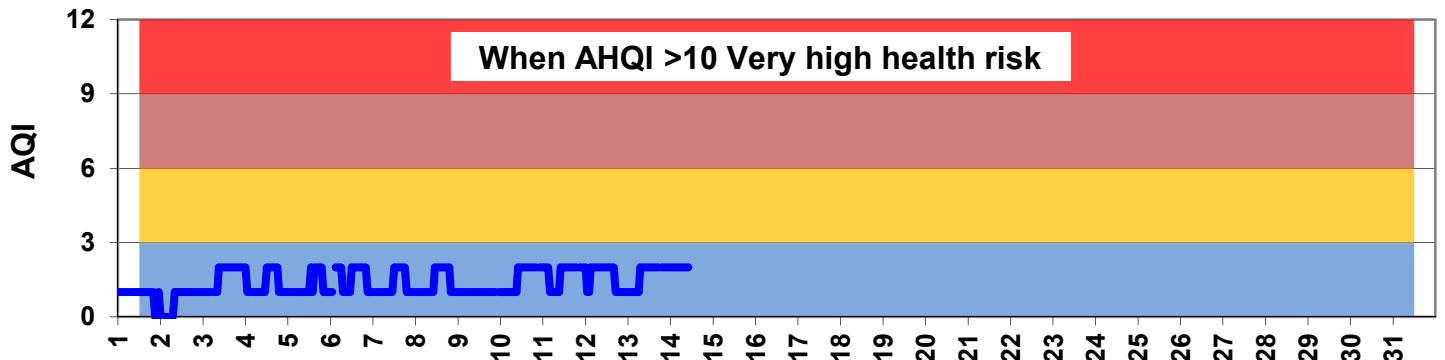
There were elevated readings of PM_{2.5}, but no exceedance in the month of October 2018

All instruments remained >95% uptime.

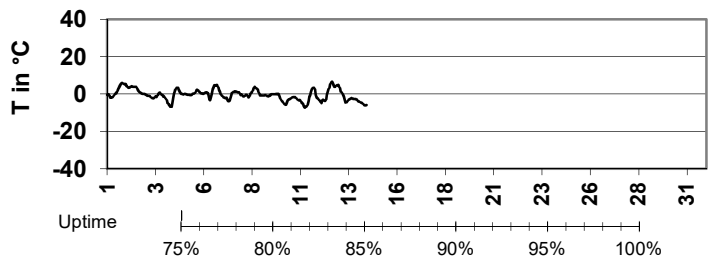
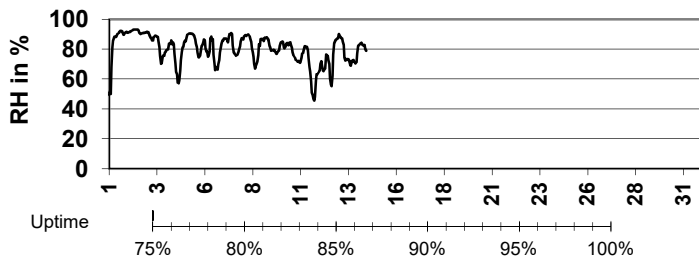
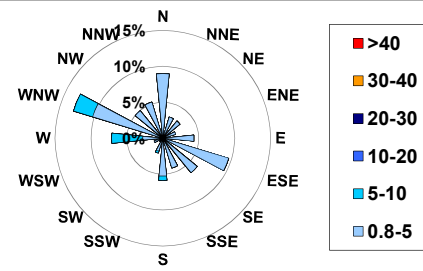
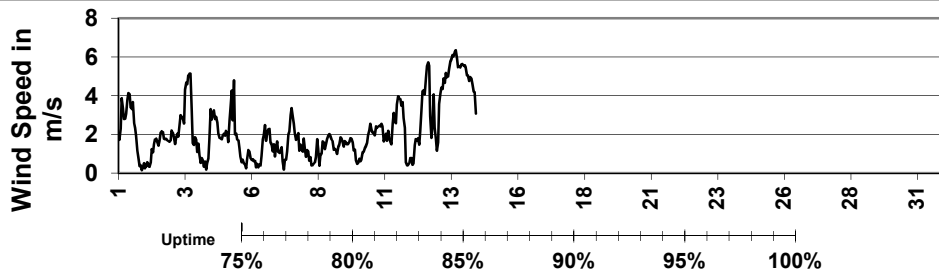
Data showed a low Air Quality Health Index (AQHI) for the month, with the exception of high particulate matter during the week of October 21 with a period of high smoke in the region.

SESAA - October 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)	0.2	41.5%	13.6	-	Oct-13 12:00	0.7	-	Oct-13	- / -
NO ₂ (ppb)	0.8	41.5%	5.5	159	Oct-13 12:00	1.2	106	Oct-12	0 / 0
NO _x (ppb)	0.8	41.5%	19.1	-	Oct-13 12:00	1.6	-	Oct-12	- / -
O ₃ (ppb)	25.0	41.5%	38.1	82	Oct-11 17:00	29.5	63	Oct-11	0 / 0
PM _{2.5} (µg/m ³)									



SESAA - October 2018 Wawota Station Report



Elevated Reading Summary

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

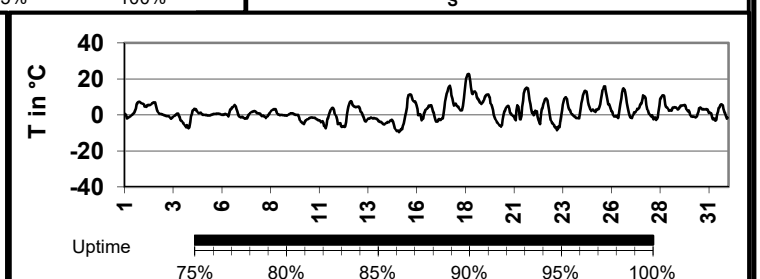
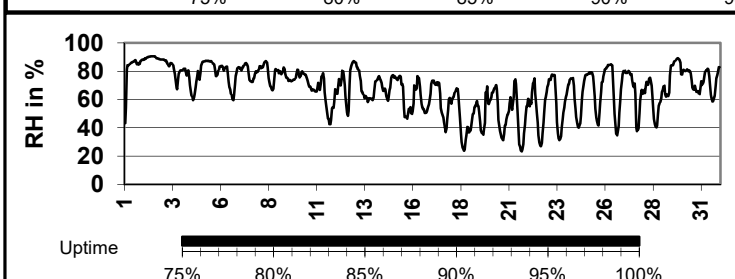
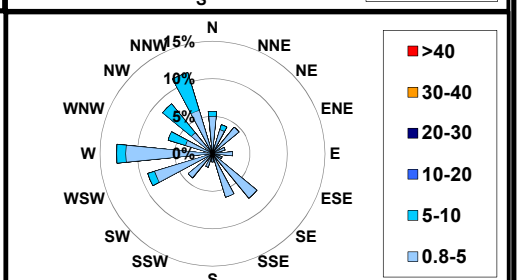
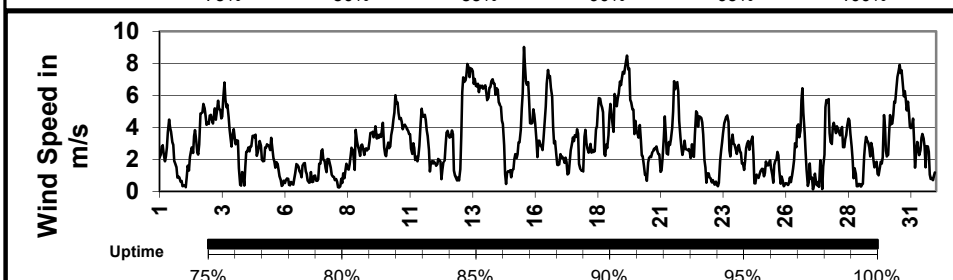
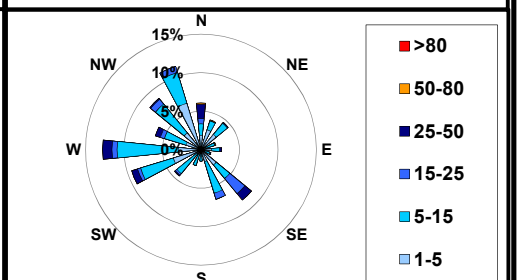
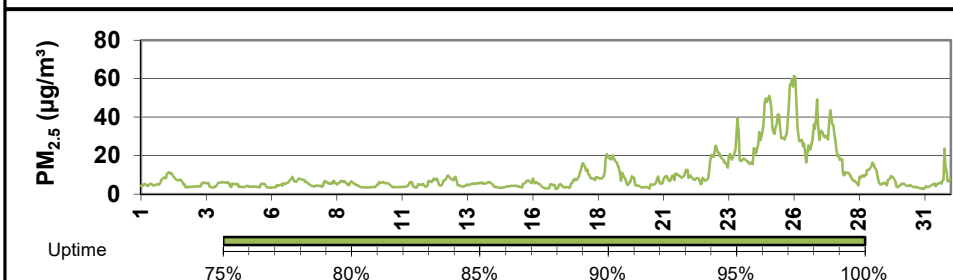
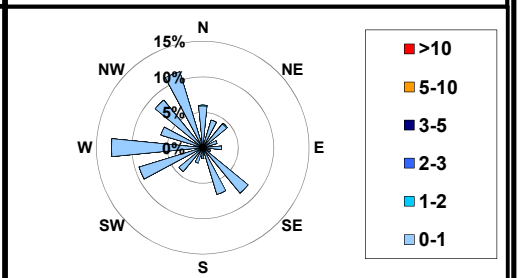
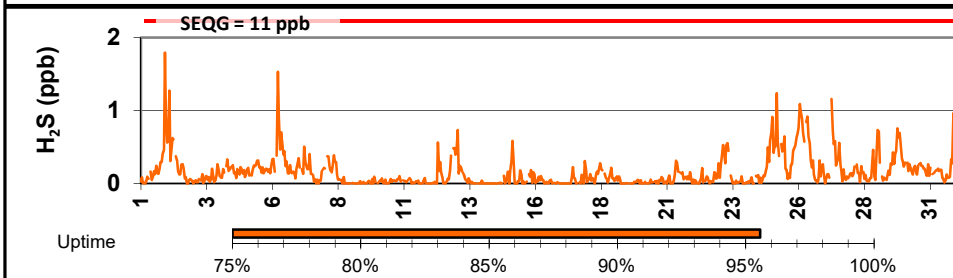
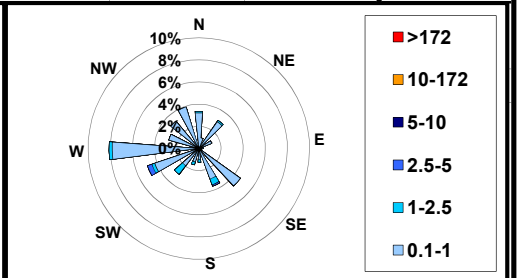
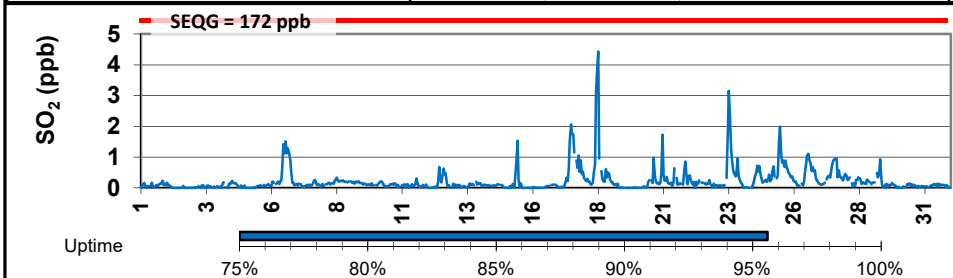
Update Summary

The Wawota station was shut-down on October 14 and moved to Torquay.

During the half month monitoring at Wawota there were no exceedences

SESAA - October 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	95.6%	4.4	172	Oct-18 12:00	0.8	-	Oct-18	0 / 0
H ₂ S (ppb)	0.2	95.6%	1.8	11	Oct-01 22:00	0.4	3.6	Oct-25	0 / 0
PM _{2.5} (µg/m ³)	10.0	100.0%	61.3	-	Oct-26 00:00	40.4	30	Oct-25	- / 2



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/26/2018 0:00	-	0.2	1.8	-	61.3	0.5	353.3	2.2	81.3

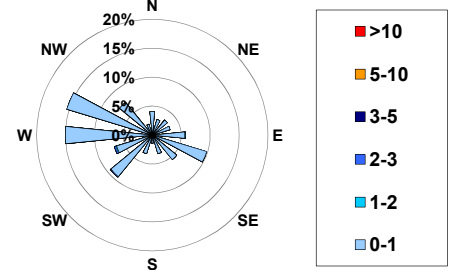
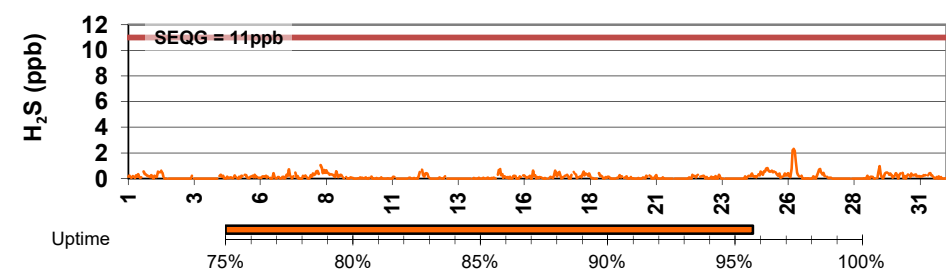
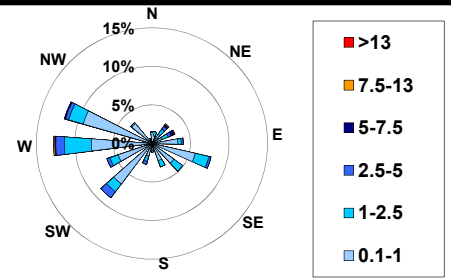
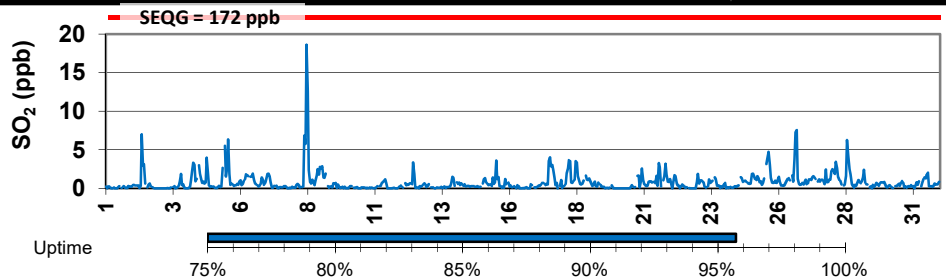
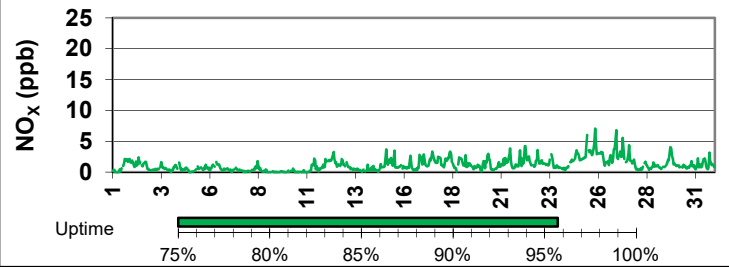
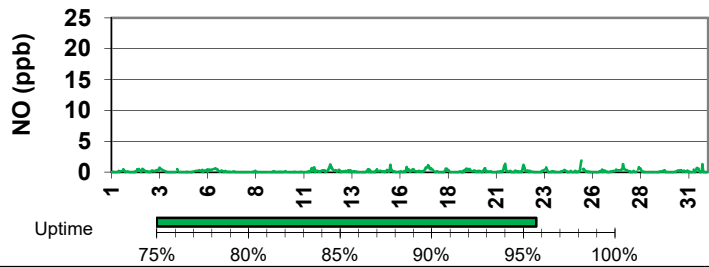
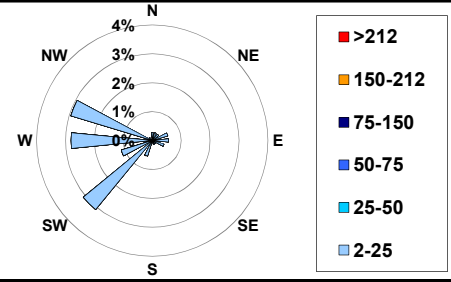
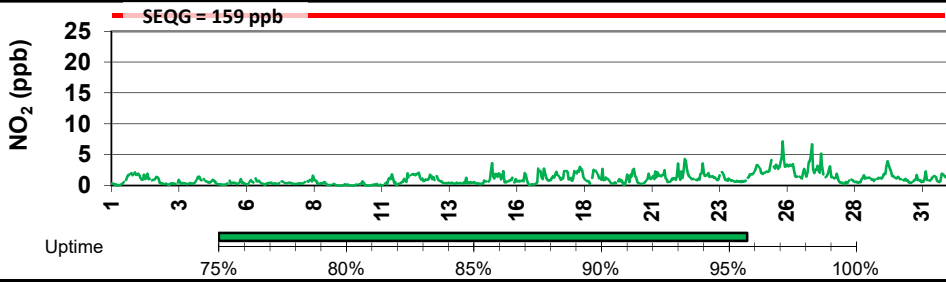
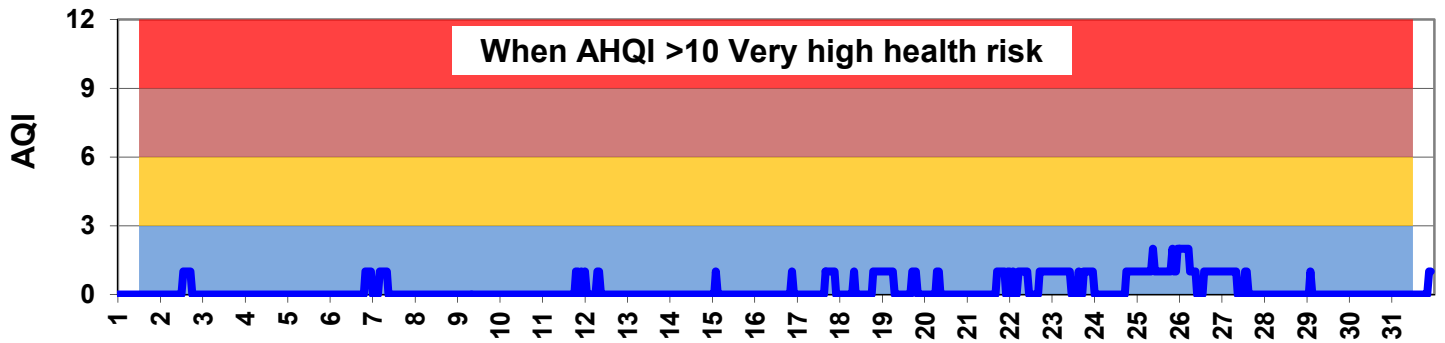
Update Summary:

There were two exceedances of PM_{2.5} in the month of September 2018, during a period of high particulate matter during the week of October 21 with a period of high smoke in the region.

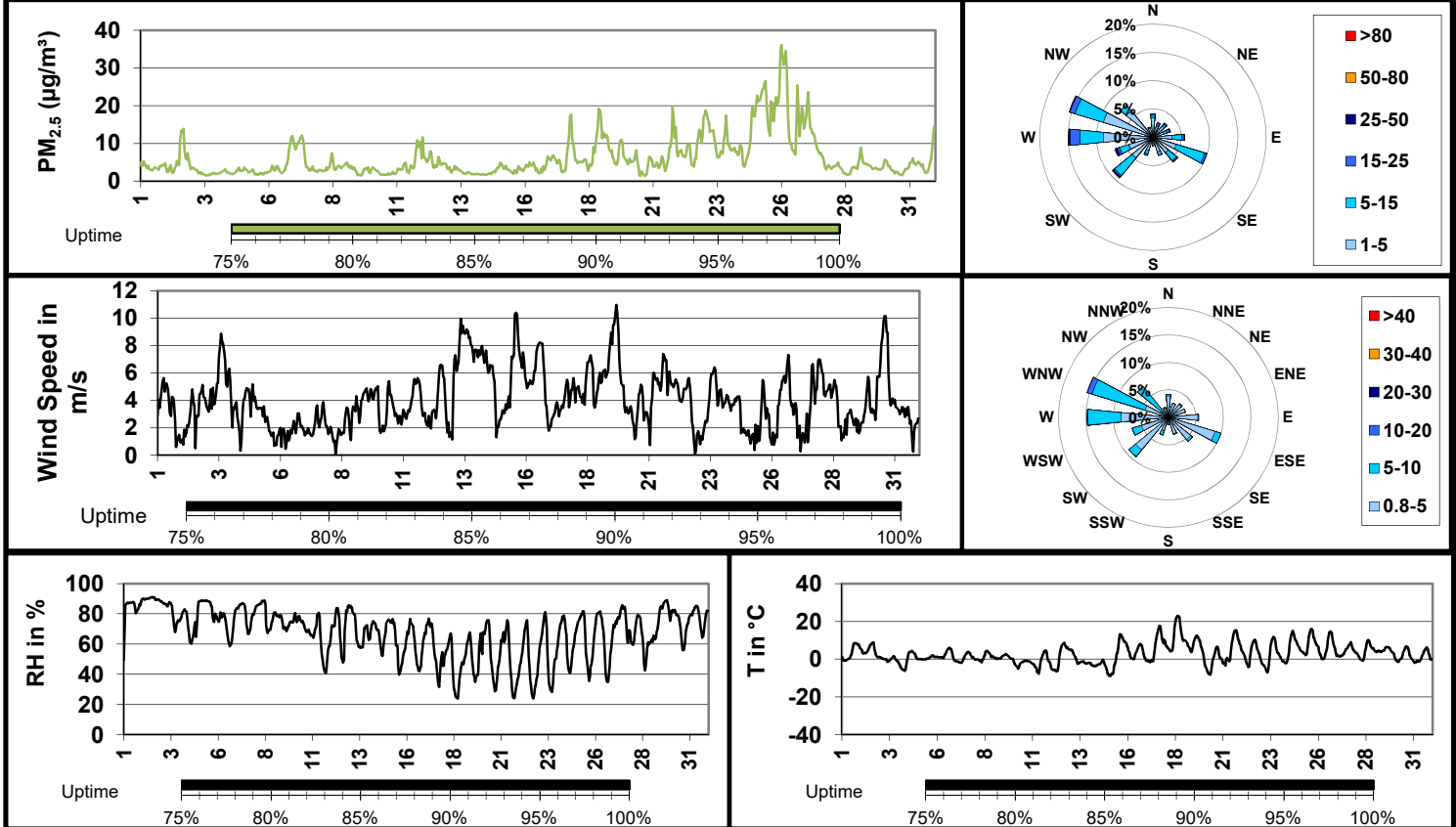
All instruments remained >95% uptime.

SESAA - October 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%	1.9	-	Oct-25 10:00	0.4	-	Oct-17	- / -
NO ₂ (ppb)	1.1	95.7%	7.1	159	Oct-25 20:00	2.9	106	Oct-25	0 / 0
NO _x (ppb)	1.2	95.7%	7.1	-	Oct-25 20:00	3.1	-	Oct-25	- / -
SO ₂ (ppb)	0.8	95.7%	18.6	172	Oct-08 11:00	2.6	-	Oct-08	0 / 0
H ₂ S (ppb)	0.1	95.7%	2.3	11	Oct-26 05:00	0.4	3.6	Oct-26	0 / 0
O ₃ (ppb)									
PM _{2.5} (µg/m ³)	6.1	100.0%	36.0	-	Oct-26 00:00	21.2	30	Oct-25	- / 0



SESAA - October 2018 Oxbow Station Report



Elevated Reading Summary

Date	NO ₂	SO ₂	H ₂ S	O ₃	PM _{2.5}	WS	WD	Temp	RH
10/26/2018 5:00	3.5	0.4	2.3	-	29.1	1.3	252.7	0.0	81.4

Update Summary:

There were no exceedance in the month of October 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)