

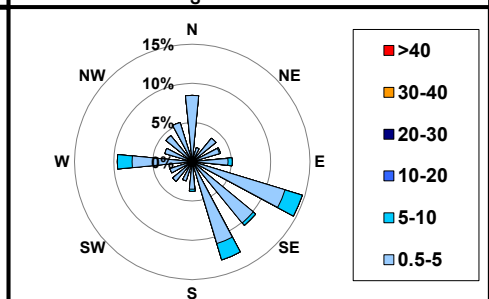
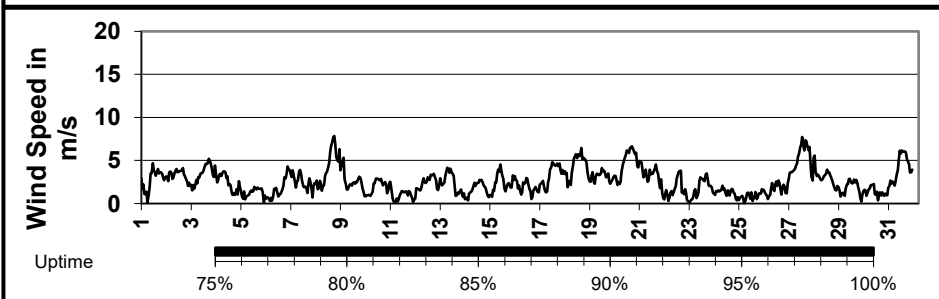
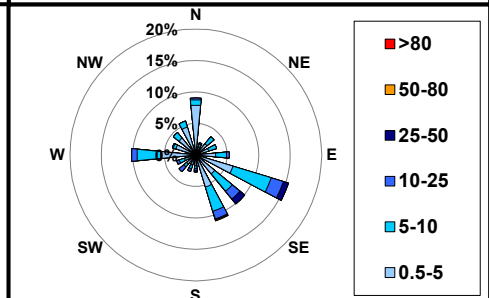
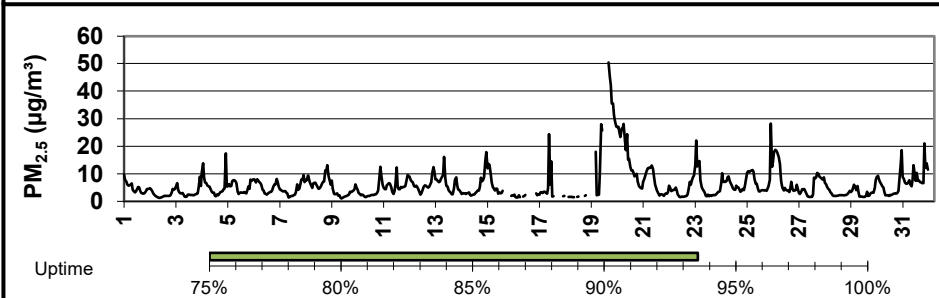
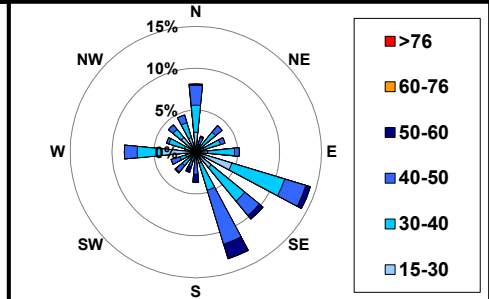
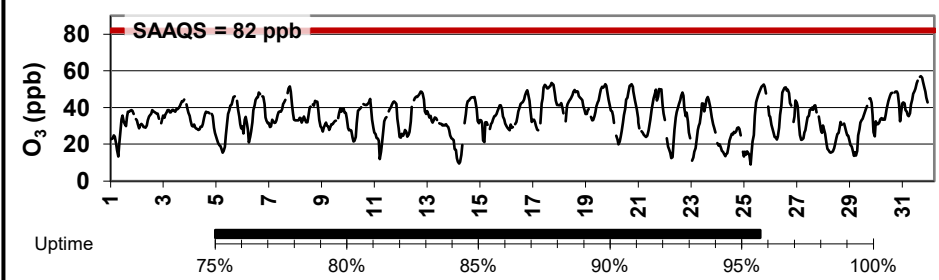
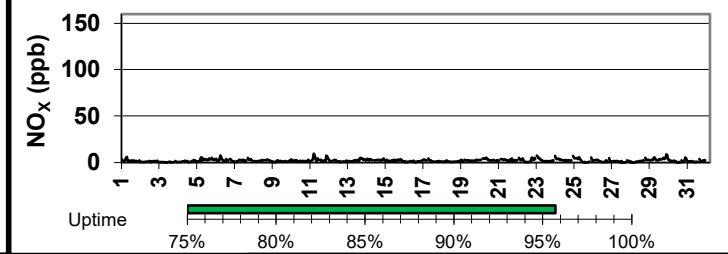
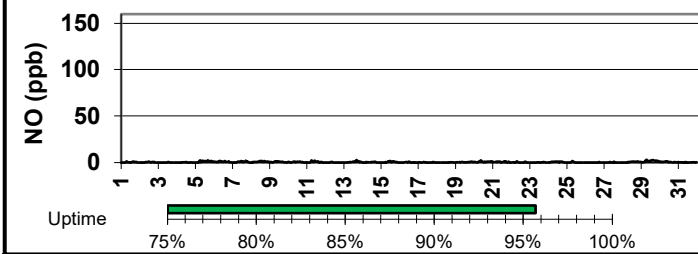
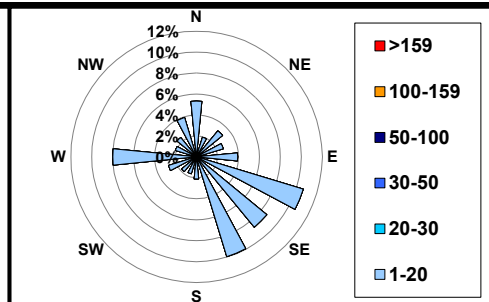
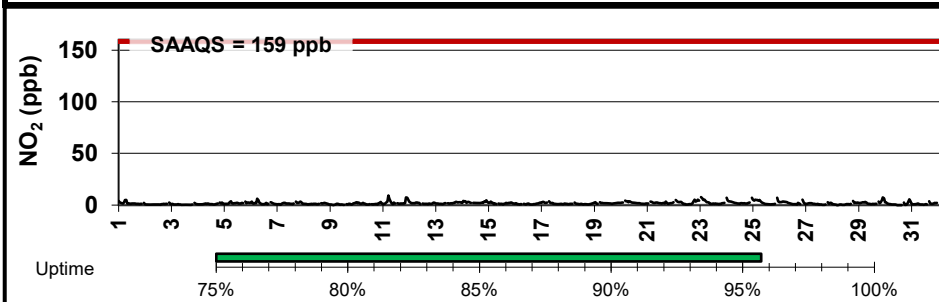
SESAA - May 2020 Esterhazy Station Report

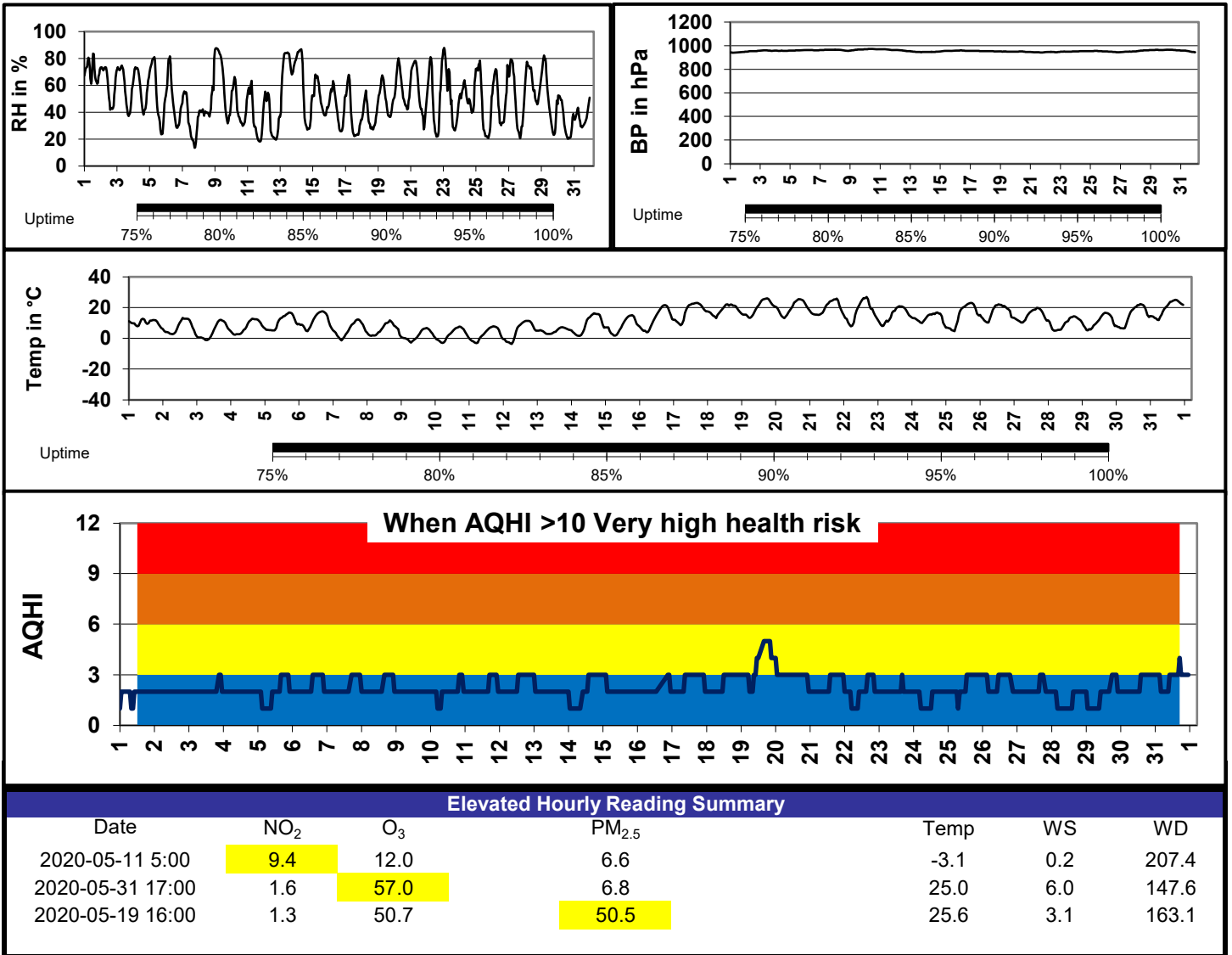
Parm	Average	Valid	Operational	1-hour			8-hr / 24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
NO (ppb)	0.3	96%	100%	2.8	-	May-13 16:00	1.4	-	May-29	- / -
NO ₂ (ppb)	1.8	96%	100%	9.4	159	May-11 05:00	2.8	106	May-11	0 / 0
NO _x (ppb)	2.0	96%	100%	9.8	-	May-11 05:00	3.7	-	May-29	- / -
O ₃ (ppb)	34.5	96%	100%	57.0	82	May-31 17:00	54.6	63	May-31	0 / 0
PM _{2.5} (µg/m ³)	6.0	94%	94%	50.5	-	May-19 16:00	16.1	28	May-19	- / 0

Update Summary - Data for the month showed a predominate low AQHI with a few mid AQHI points

There were no readings above the SEQG in the month of May 2020

Operation instruments readings remained >90%

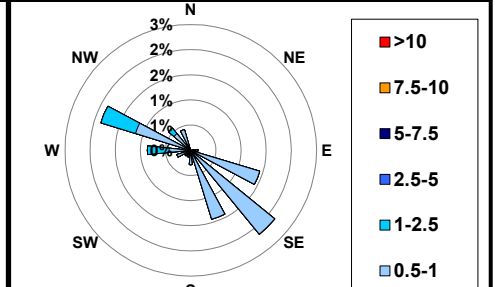
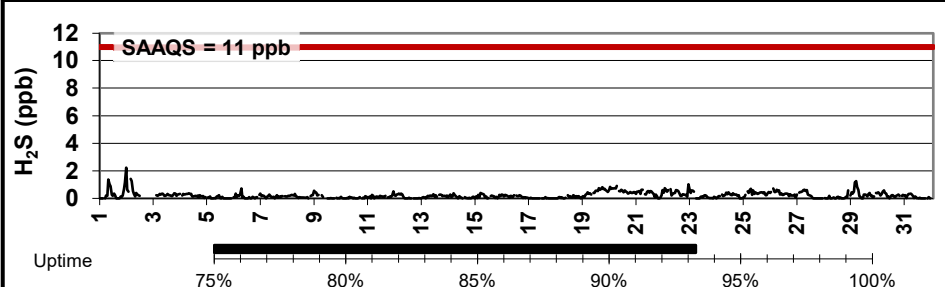
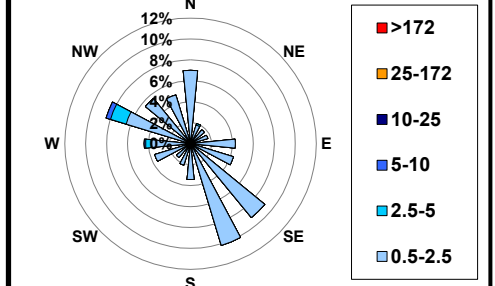
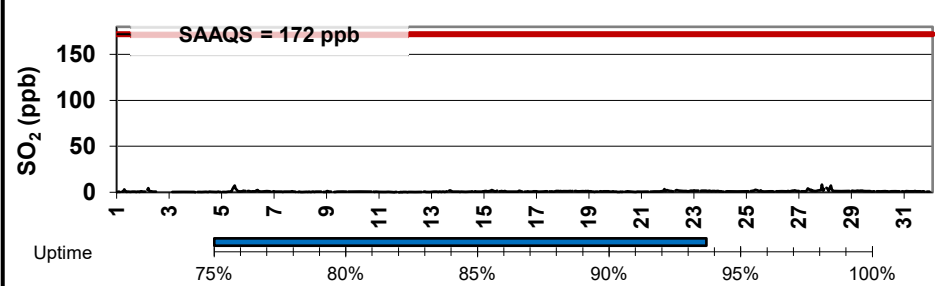
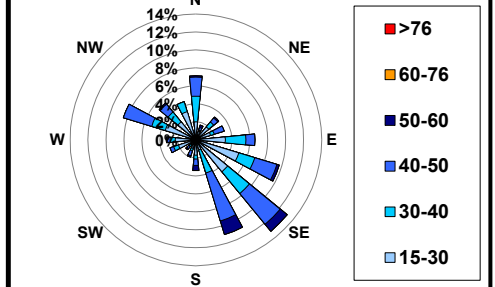
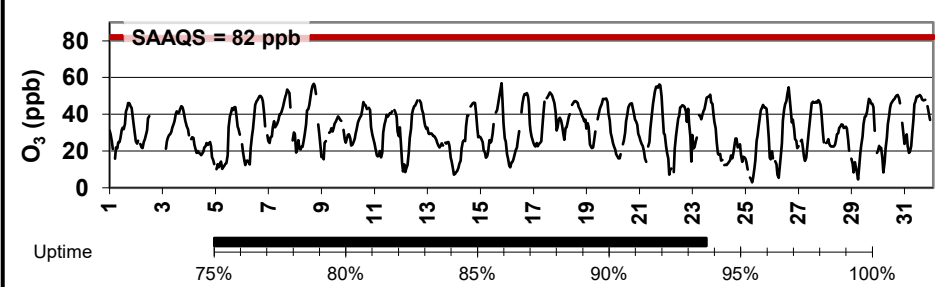
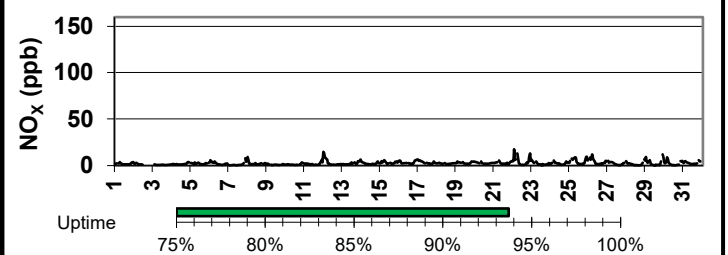
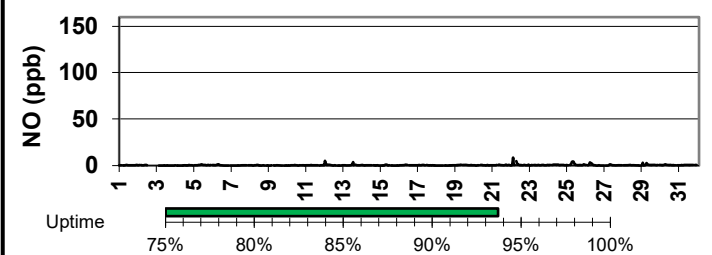
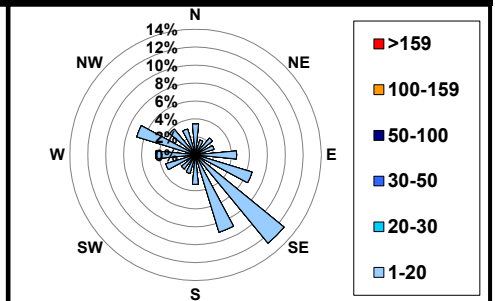
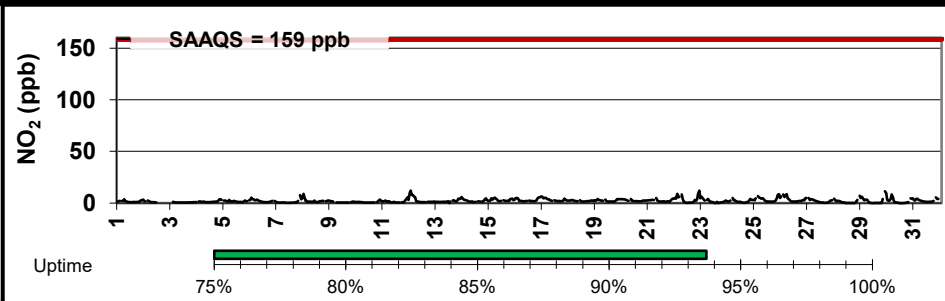


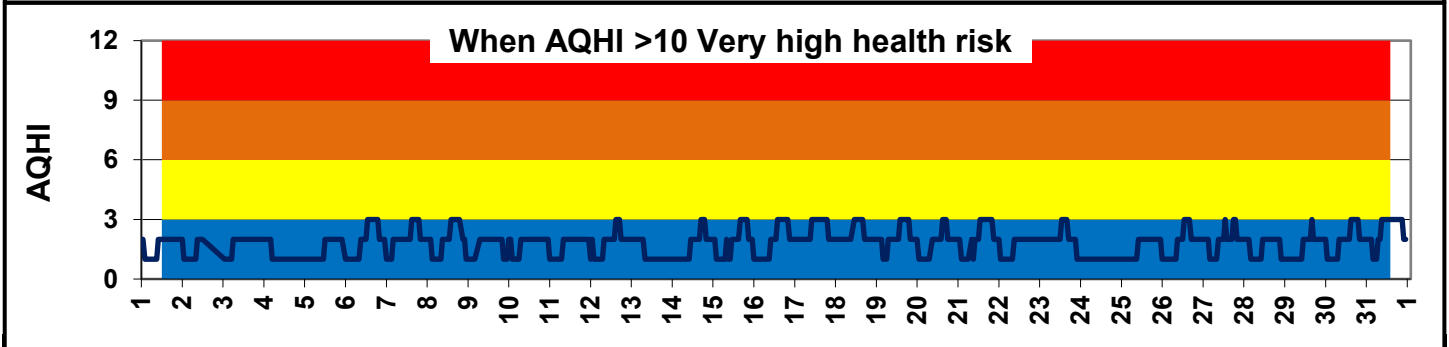
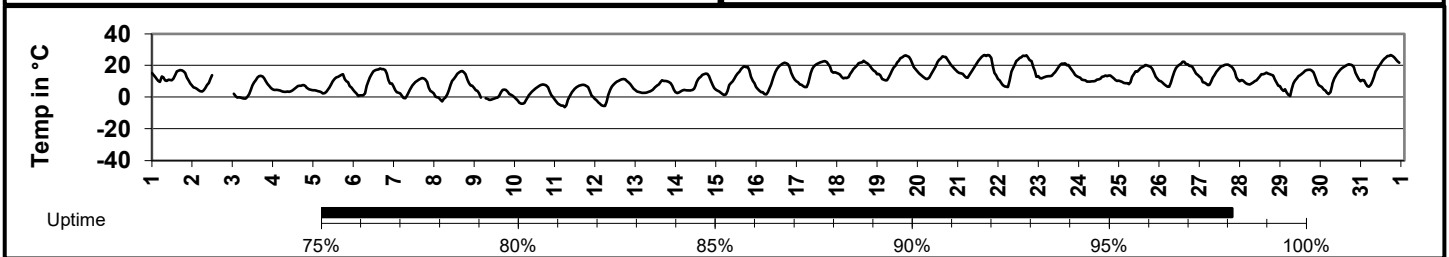
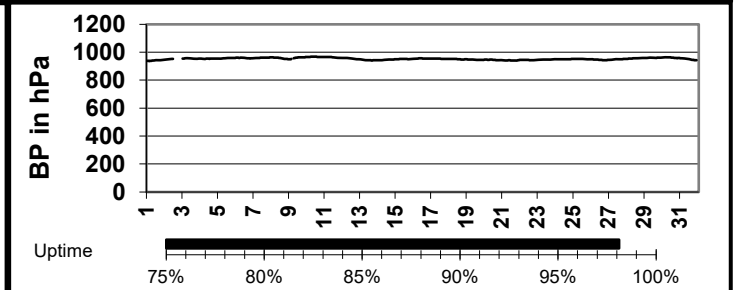
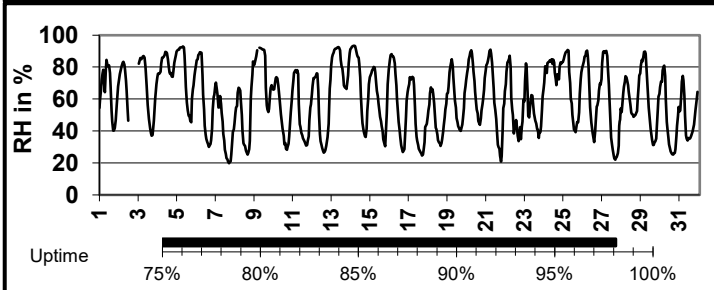
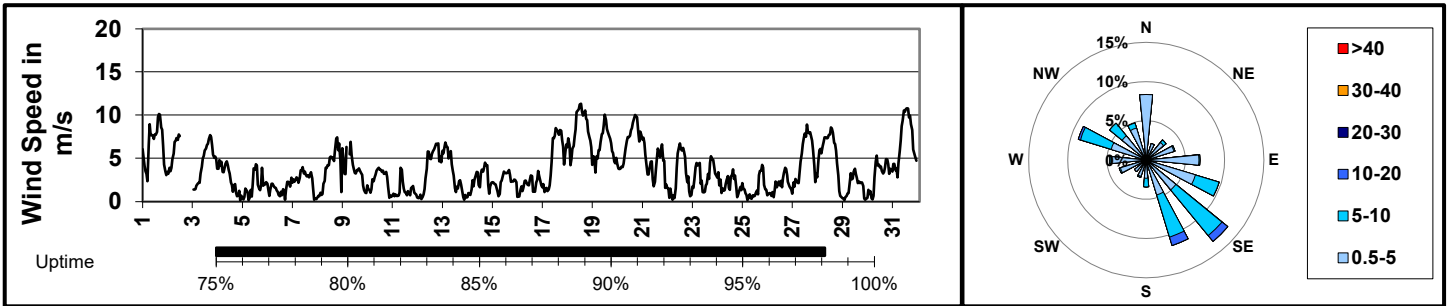


SESAA - May 2020 Glen Ewen Station Report

Parm	Average	Valid	Operational	1-hour			8-hr / 24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
NO (ppb)	0.3	94%	98%	8.6	-	May-22 03:00	0.9	-	May-25	- / -
NO ₂ (ppb)	2.2	94%	98%	12.3	159	May-22 23:00	3.5	106	May-22	0 / 0
NO _x (ppb)	2.4	94%	98%	17.7	-	May-22 03:00	4.4	-	May-22	- / -
O ₃ (ppb)	31.2	94%	98%	57.0	82	May-15 19:00	53.5	63	May-21	0 / 0
SO ₂ (ppb)	1.0	94%	98%	8.6	172	May-27 21:00	2.1	48	May-27	0 / 0
H ₂ S (ppb)	0.2	93%	98%	2.2	11	May-02 00:00	0.5	4	May-20	0 / 0

Update Summary - Data for the month showed a predominate low AQHI in the absence of fine particulate matter
There were no readings above the SEQG in the month of May 2020
Operation instruments readings remained >90%



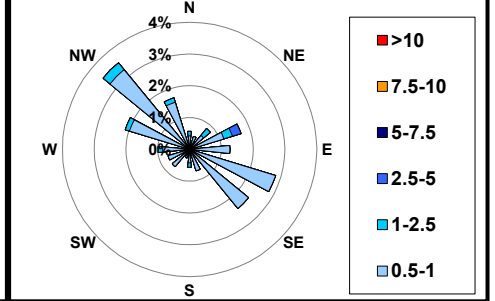
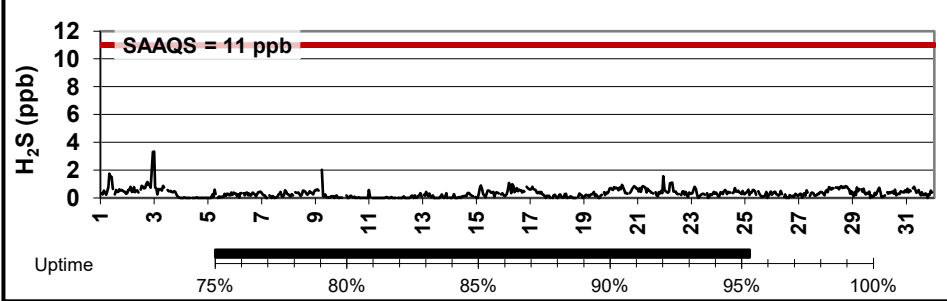
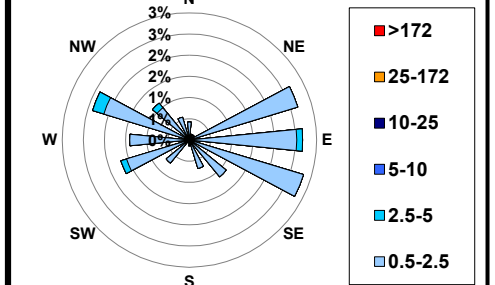
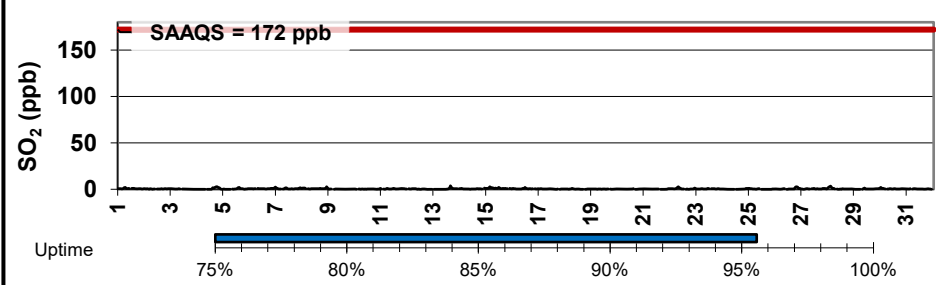
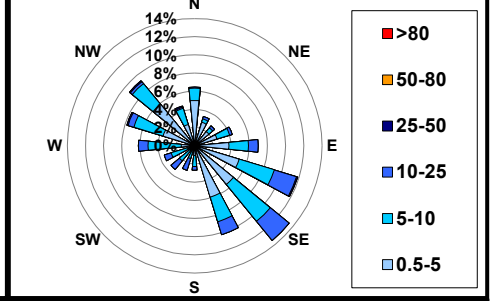
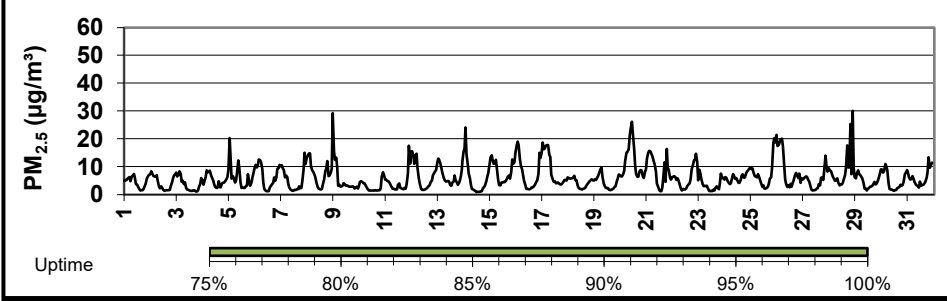
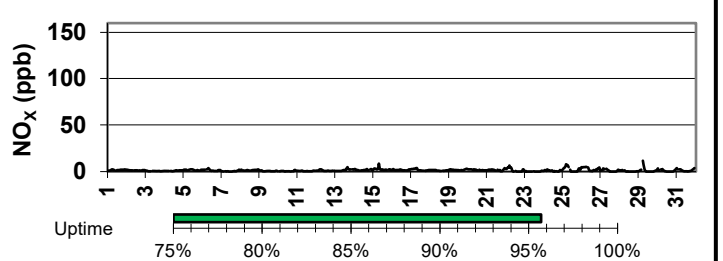
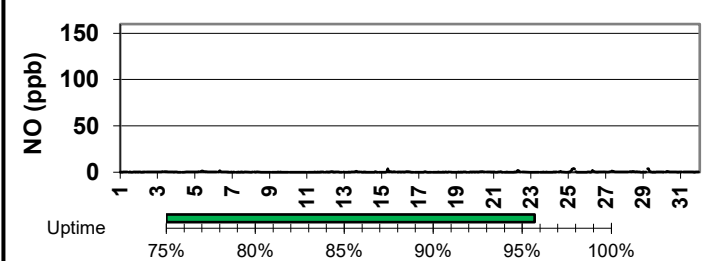
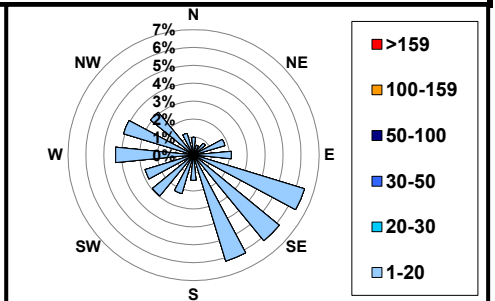
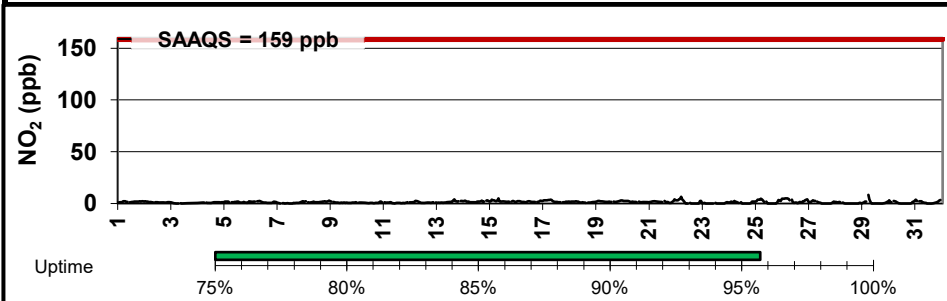


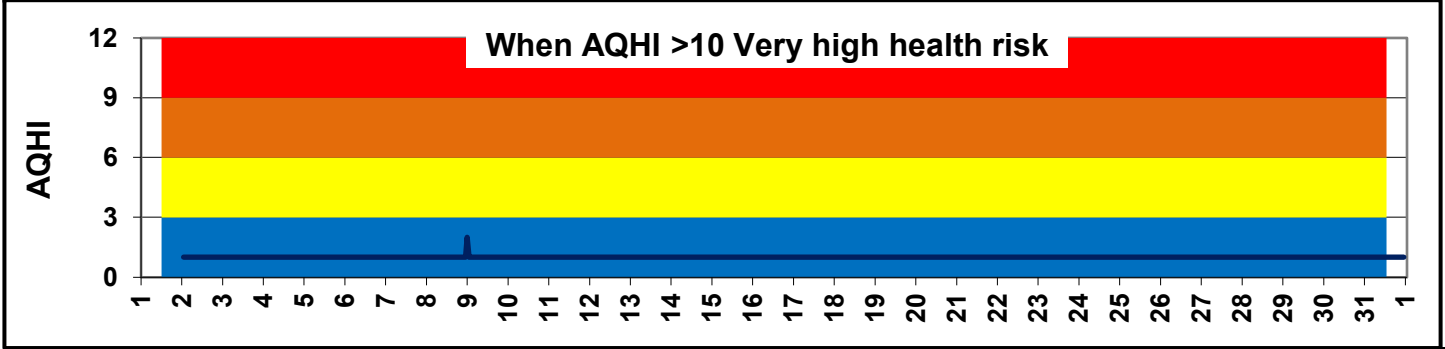
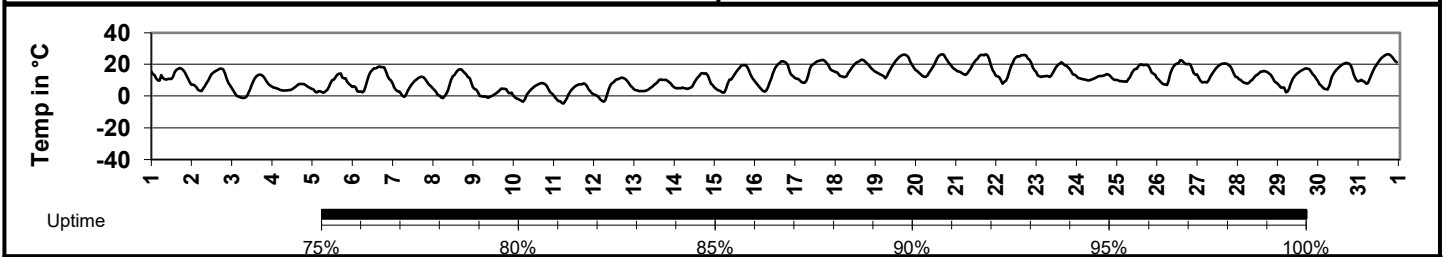
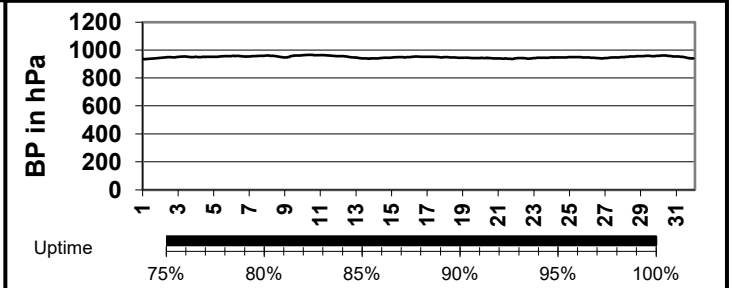
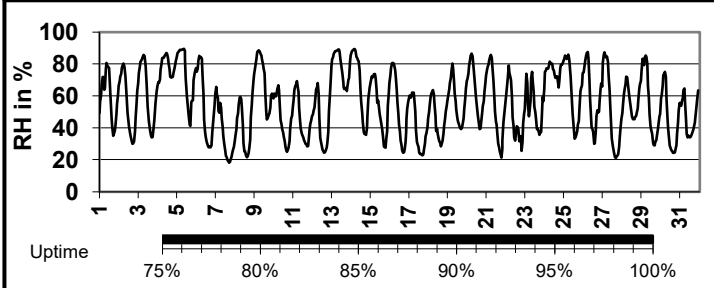
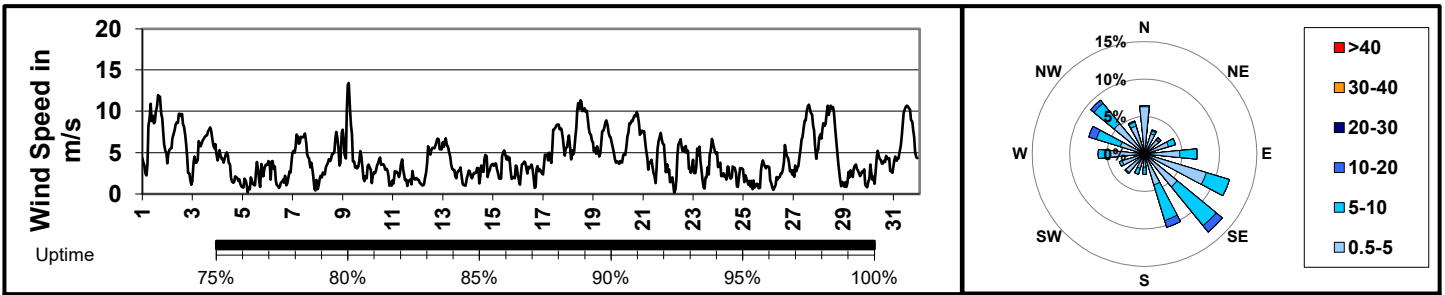
Elevated Hourly Reading Summary							
Date	NO ₂	O ₃	SO ₂	H ₂ S	Temp	WS	WD
2020-05-22 23:00	12.3	14.3	1.5	1.0	12.8	0.8	261.1
2020-05-15 19:00	2.3	57.0	1.4	0.1	19.2	2.4	138.2
2020-05-27 21:00	2.0	39.5	8.6	0.0	16.0	4.2	290.2
2020-05-02 0:00	3.5	25.2	0.7	2.2	7.3	3.4	284.7

SESAA - May 2020 Oxbow Station Report

Parm	Average	Valid	Operational	1-hour			24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
NO (ppb)	0.2	96%	100%	4.0	-	May-15 08:00	0.7	-	May-25	- / -
NO ₂ (ppb)	1.1	96%	100%	8.1	159	May-29 06:00	2.4	106	May-26	0 / 0
NO _x (ppb)	1.3	96%	100%	11.8	-	May-29 06:00	2.7	-	May-26	- / -
PM _{2.5} (µg/m ³)	6.1	100%	100%	30.1	-	May-28 22:00	11.7	28	May-20	- / 0
SO ₂ (ppb)	0.3	96%	100%	3.8	172	May-13 16:00	0.9	48	May-15	0 / 0
H ₂ S (ppb)	0.3	95%	100%	3.3	11	May-03 00:00	0.8	4	May-02	0 / 0

Update Summary - Data for the month showed a predominate low AQHI in the absence of ozone
There were no readings above the SEQG in the month of May 2020
Operation instruments readings remained >90%



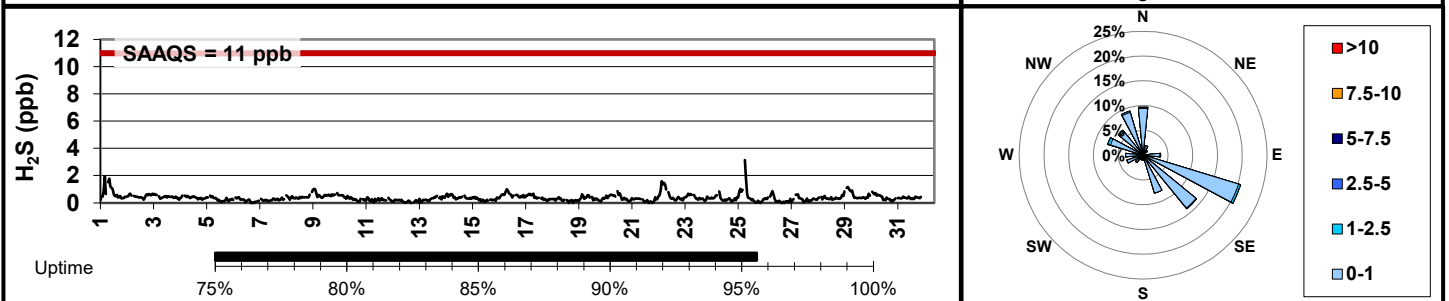
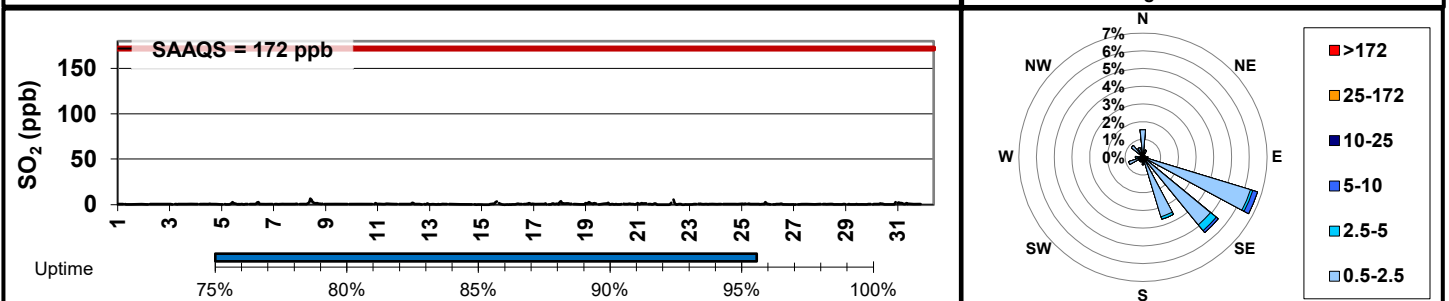
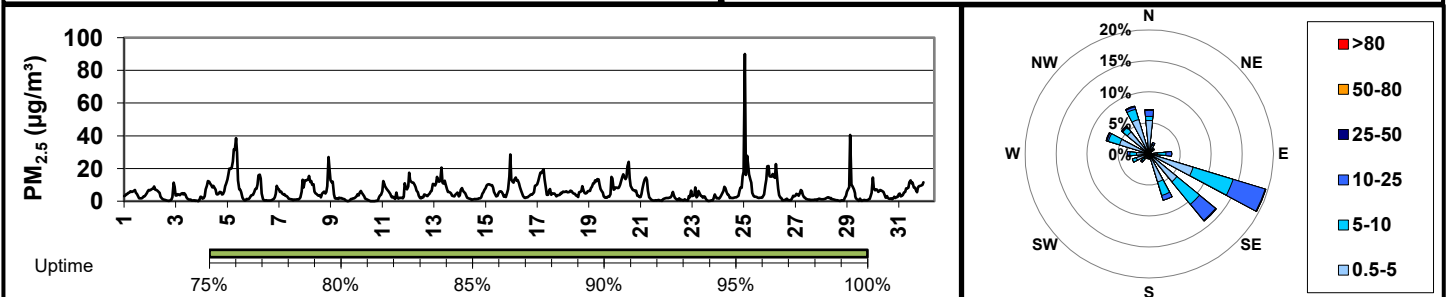
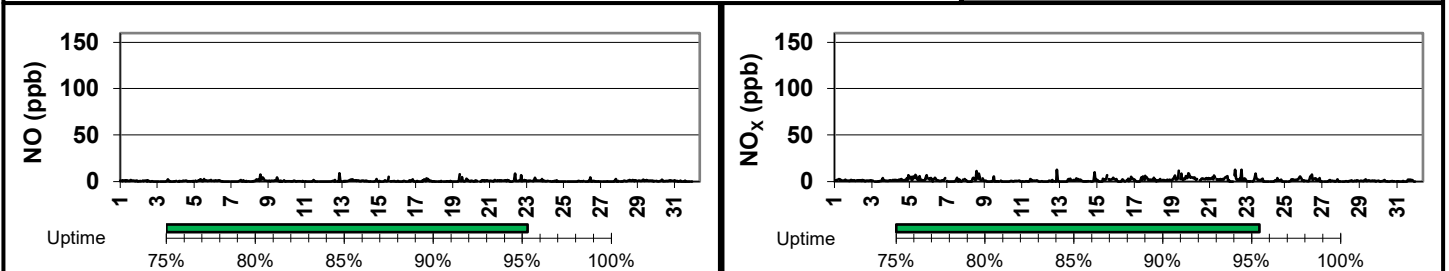
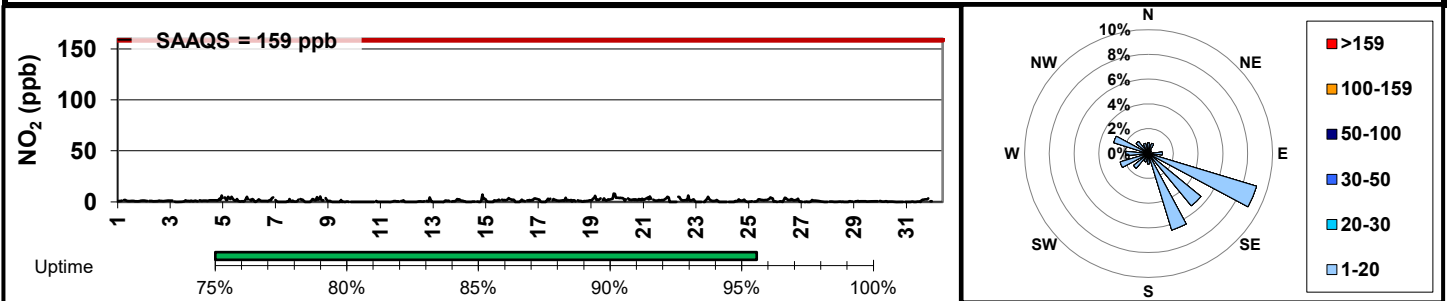


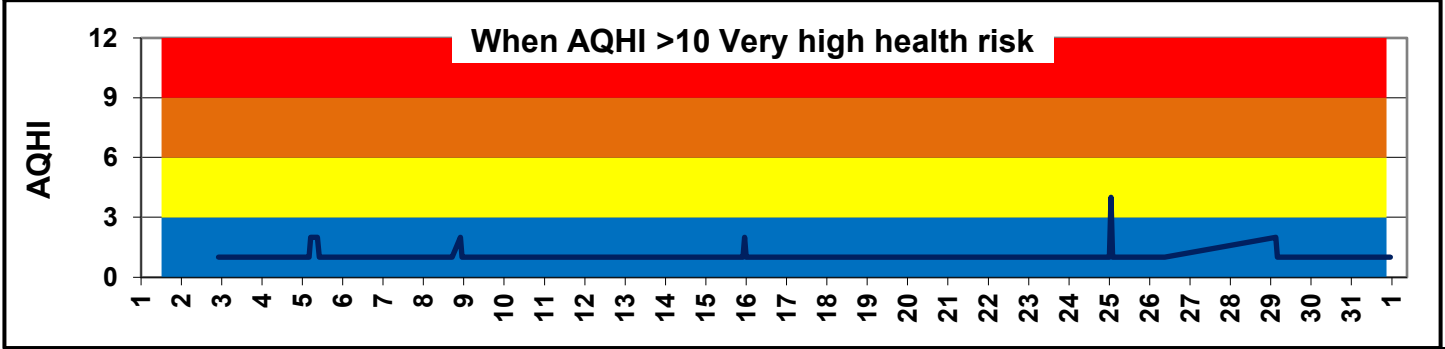
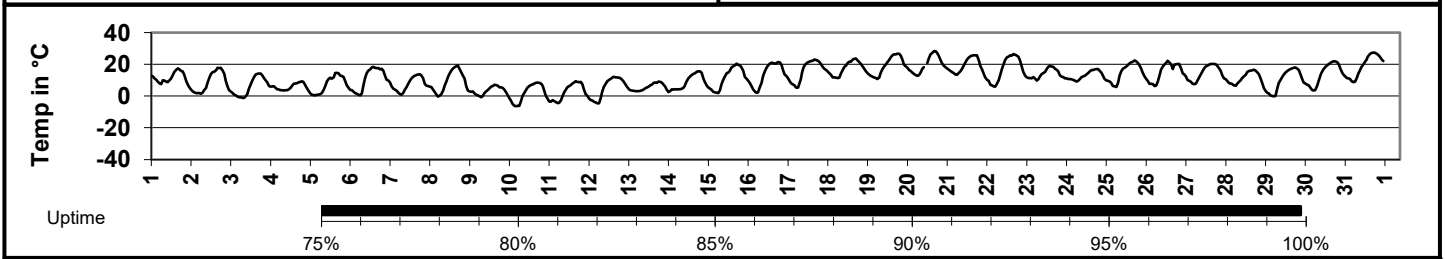
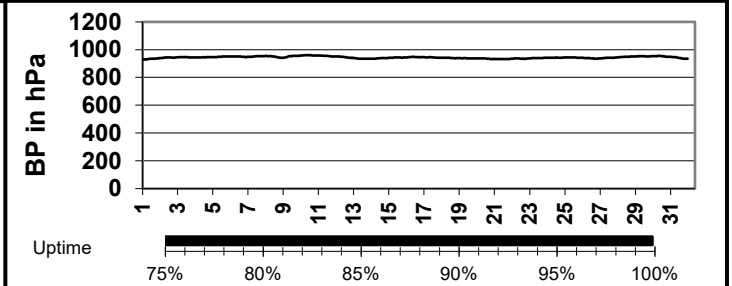
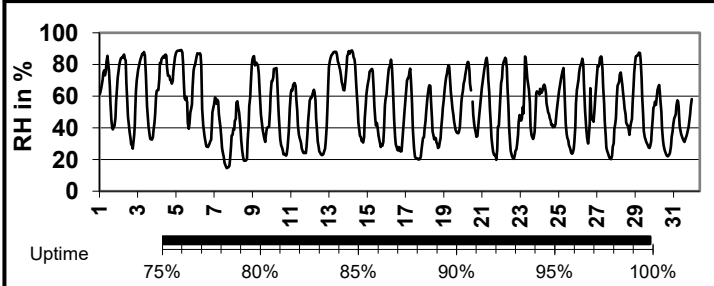
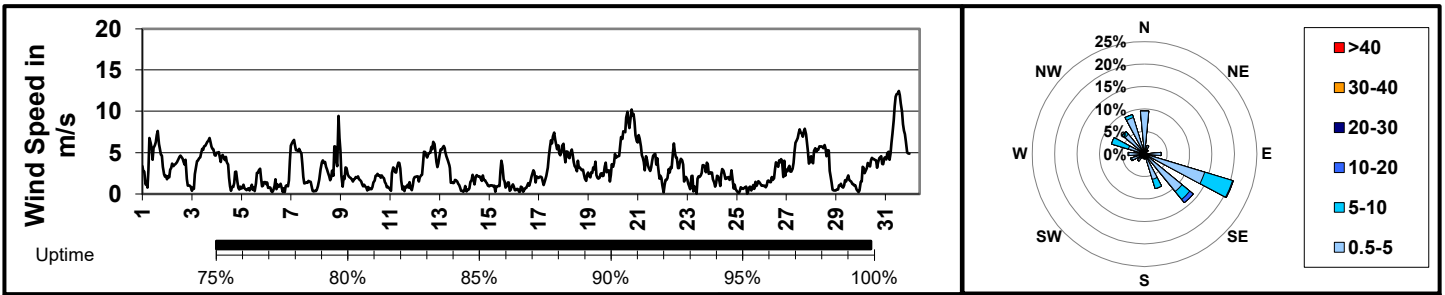
Elevated Hourly Reading Summary							
Date	NO ₂	SO ₂	PM _{2.5}	H ₂ S	Temp	WS	WD
2020-05-29 6:00	8.1	0.0	6.3	0.7	2.8	2.0	290.6
2020-05-13 16:00	3.6	3.8	6.8	0.1	10.4	2.9	317.1
2020-05-28 22:00	0.3	0.1	30.1	0.3	9.5	0.9	323.4
2020-05-03 0:00	1.0	0.5	7.8	3.3	5.2	1.5	73.5

SESAA - May 2020 Stoughton Station Report

Parm	Average	Valid	Operational	1-hour			24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
NO (ppb)	0.5	95%	100%	8.9	-	May-12 21:00	1.4	-	May-08	- / -
NO ₂ (ppb)	1.0	96%	100%	8.0	159	May-19 21:00	2.8	106	May-19	0 / 0
NO _x (ppb)	1.4	95%	100%	12.8	-	May-22 17:00	4.1	-	May-19	- / -
PM _{2.5} (µg/m ³)	5.7	100%	100%	90.2	-	May-25 01:00	13.1	28	May-25	- / 0
SO ₂ (ppb)	0.5	96%	100%	6.5	172	May-08 10:00	1.3	48	May-08	0 / 0
H ₂ S (ppb)	0.4	96%	100%	3.1	11	May-25 06:00	0.7	4	May-01	0 / 0

Update Summary - Data for the month showed a predominate low AQHI in the absence of ozone
 There were no readings above the SEQG in the month of May 2020
 Operation instruments readings remained >90%





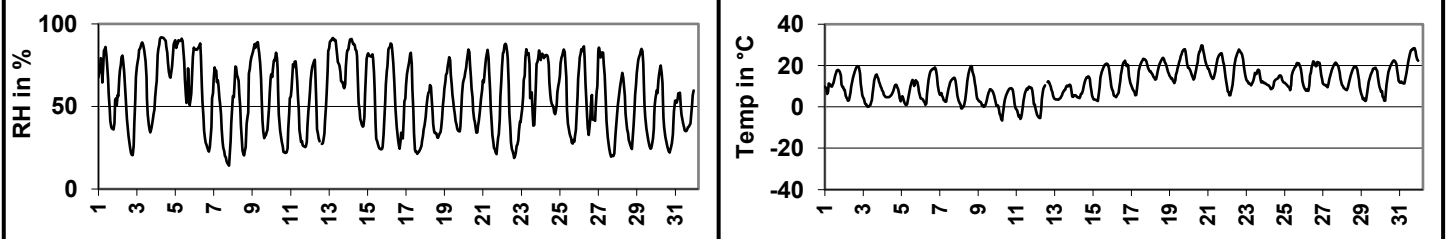
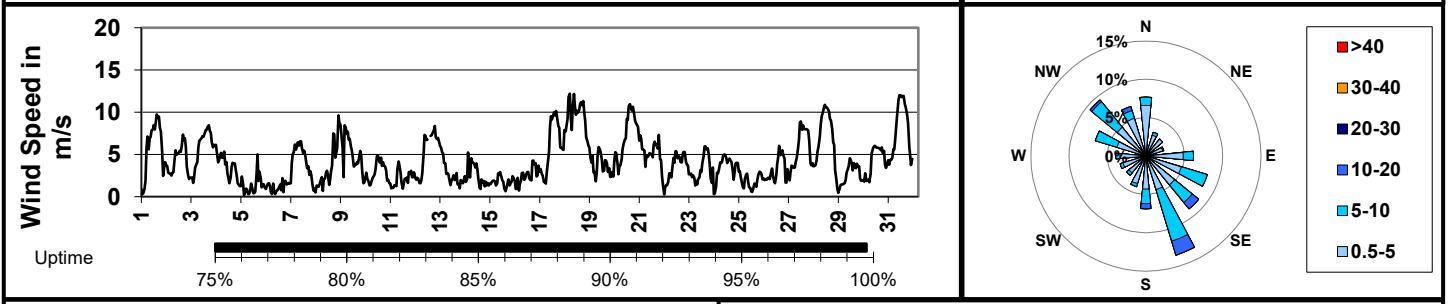
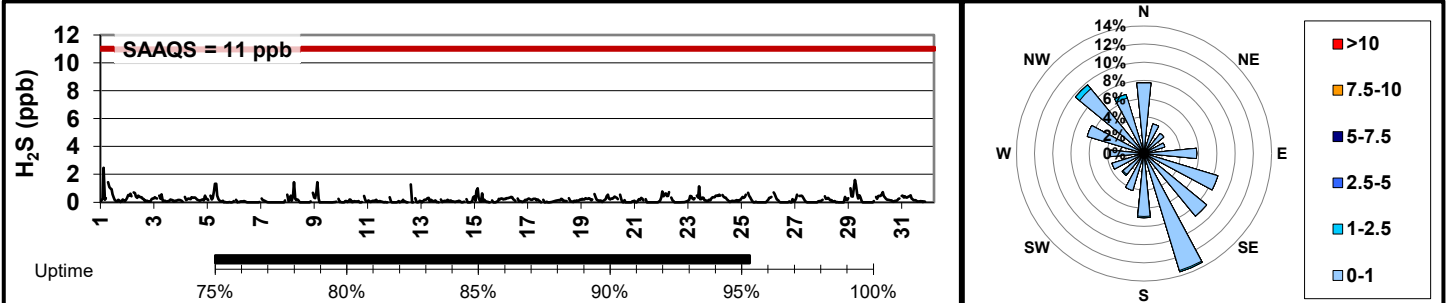
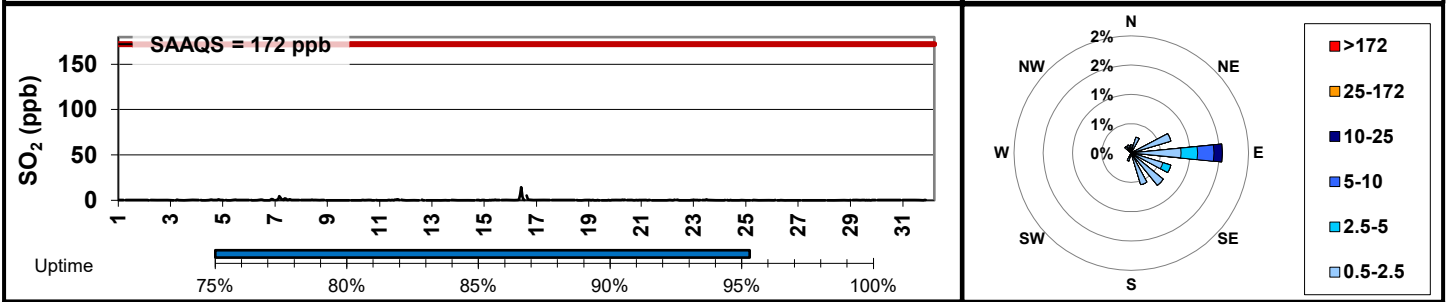
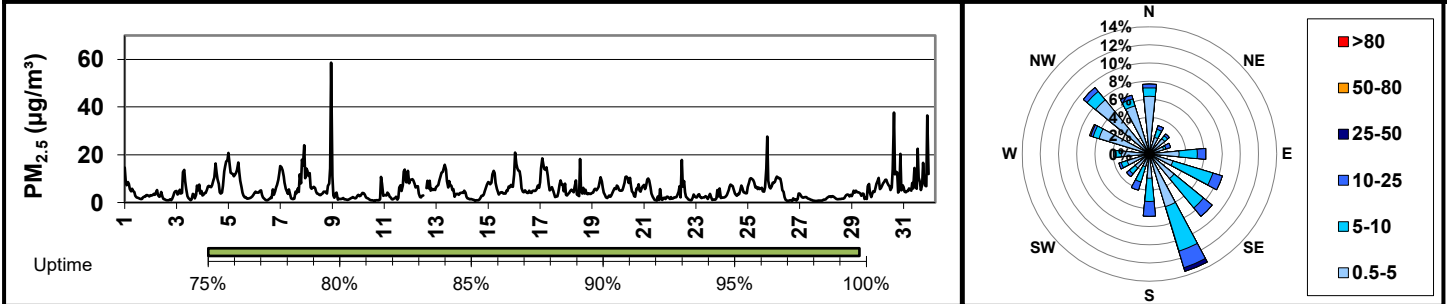
Elevated Hourly Reading Summary							
Date	NO ₂	SO ₂	PM _{2.5}	H ₂ S	Temp	WS	WD
2020-05-19 21:00	8.0	1.9	14.9	0.2	23.0	1.5	104.5
2020-05-08 10:00	2.6	6.5	4.9	0.3	9.1	3.3	121.8
2020-05-25 1:00	0.1	0.7	90.2	0.8	9.5	0.2	30.6
2020-05-25 6:00	0.2	0.6	13.2	3.1	5.6	0.6	352.4

SESAA - May 2020 Torquay Station Report

Parm	Average	Valid	Operational	1-hour			24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
PM _{2.5} (µg/m ³)	5.4	100%	100%	58.6	-	May-08 23:00	9.9	28	May-30	- / 0
SO ₂ (ppb)	0.2	95%	100%	14.4	172	May-16 10:00	1.4	48	May-16	0 / 0
H ₂ S (ppb)	0.2	95%	100%	2.5	11	May-01 03:00	0.4	4	May-01	0 / 0

Update Summary

There were no readings above the SEQG in the month of May 2020
 Operation instruments readings remained >90%



Elevated Hourly Reading Summary

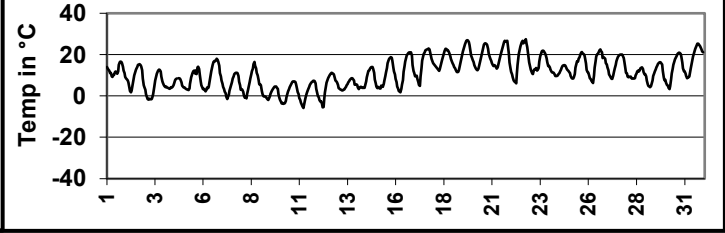
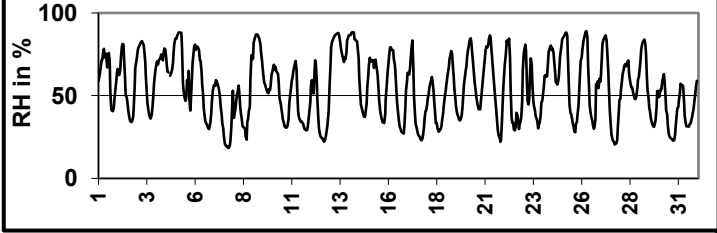
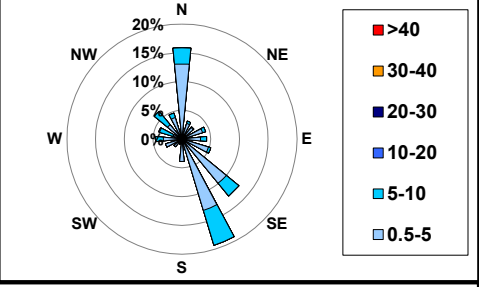
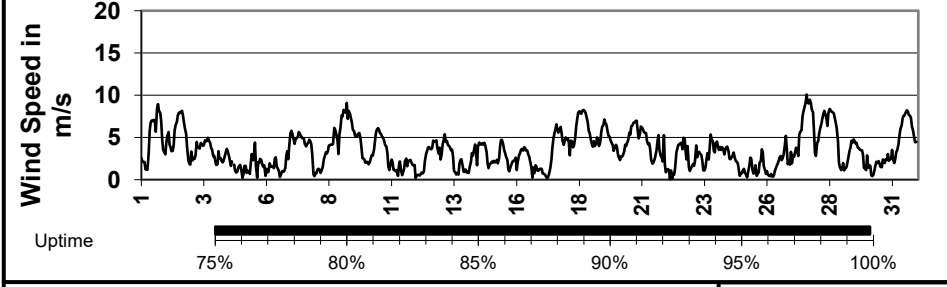
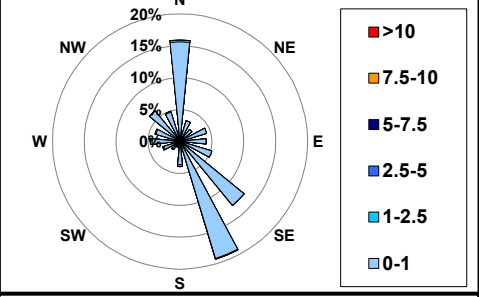
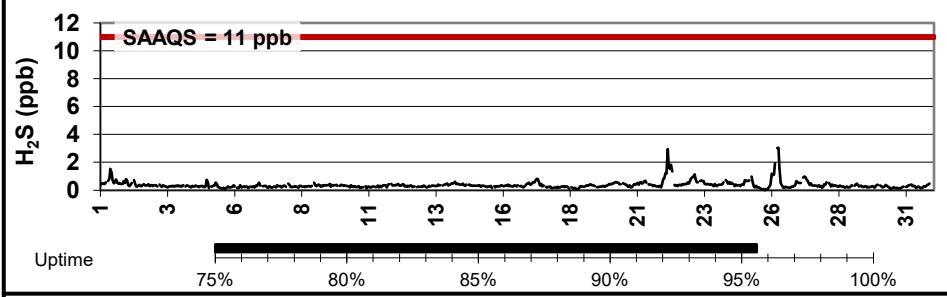
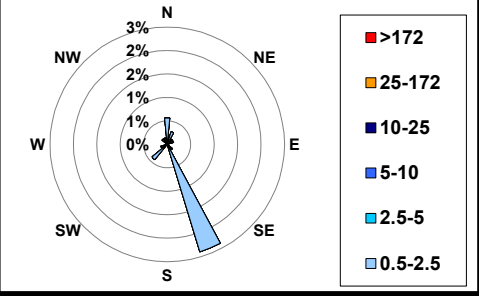
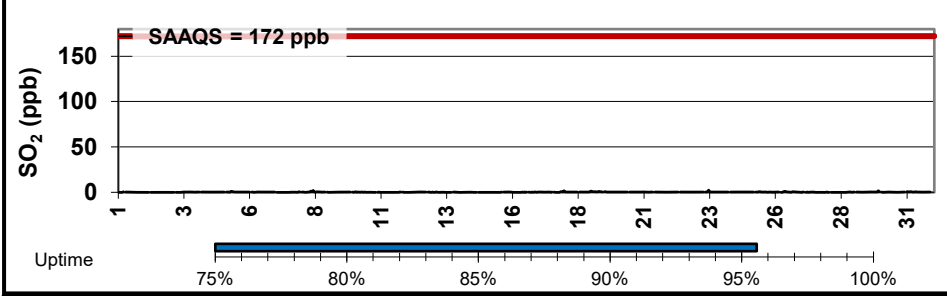
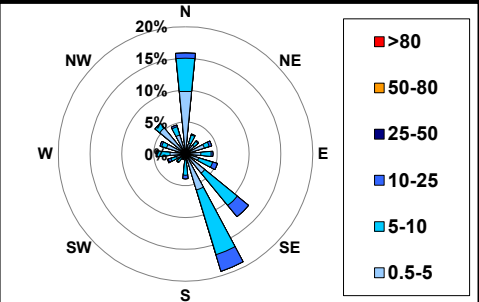
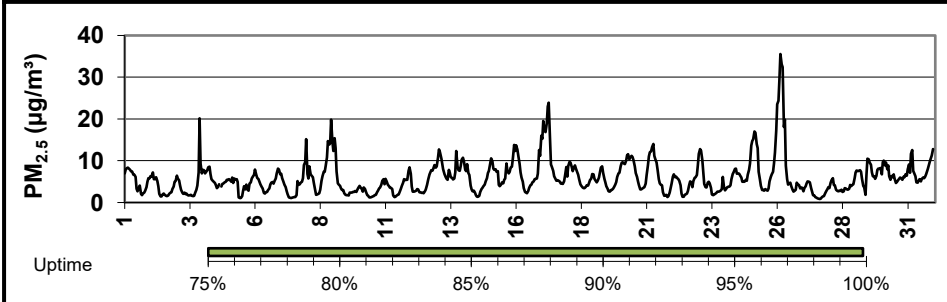
Date	SO ₂	PM _{2.5}	H ₂ S	Temp	WS	WD
2020-05-16 10:00	14.4	5.1	0.4	12.4	2.1	89.2
2020-05-08 23:00	0.0	58.6	0.7	3.9	8.6	302.3
2020-05-01 3:00	0.1	8.5	2.5	6.3	0.9	310.9

SESAA - May 2020 Wauchope Station Report

Parm	Average	Valid	Operational	1-hour			24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
PM _{2.5} (µg/m ³)	5.9	100%	100%	35.6	-	May-26 03:00	11.8	28	May-26	- / 0
SO ₂ (ppb)	0.2	96%	100%	2.6	172	May-23 11:00	0.5	48	May-19	0 / 0
H ₂ S (ppb)	0.4	96%	100%	3.1	11	May-26 06:00	0.8	4	May-22	0 / 0

Update Summary

There were no readings above the SEQG in the month of May 2020
 Operation instruments readings remained >90%



Elevated Hourly Reading Summary

Date	SO ₂	PM _{2.5}	H ₂ S	Temp	WS	WD
2020-05-23 11:00	2.6	3.5	0.7	16.5	1.1	35.0
2020-05-26 3:00	0.2	35.6	1.9	8.1	0.4	211.8
2020-05-26 6:00	0.0	18.1	3.1	6.2	0.4	173.2

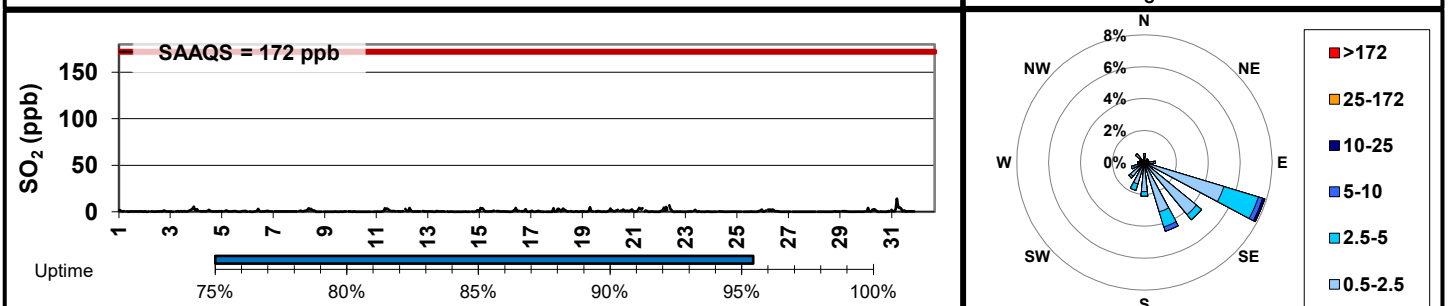
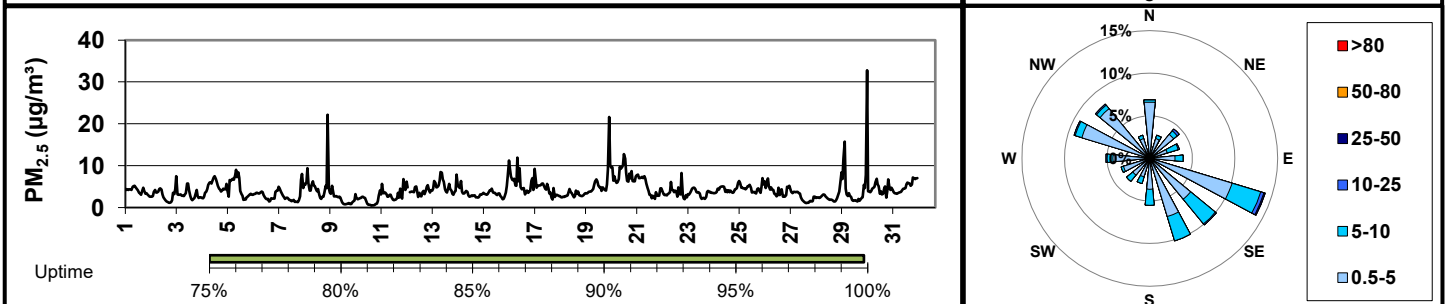
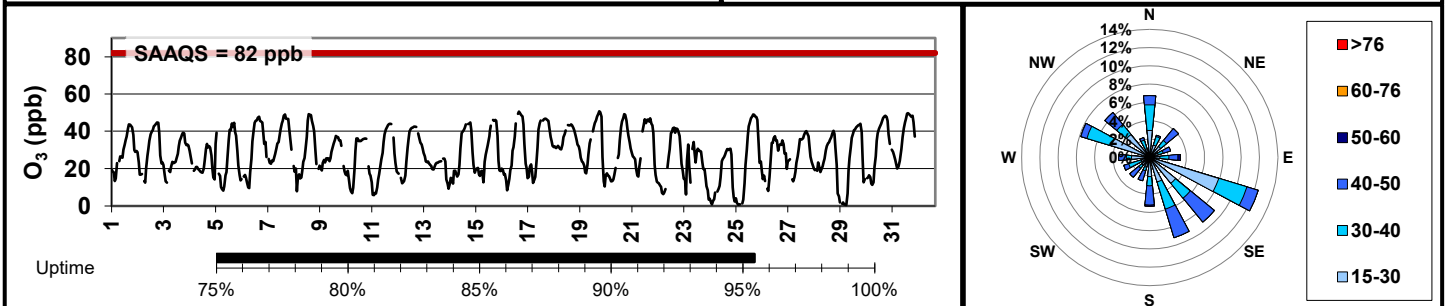
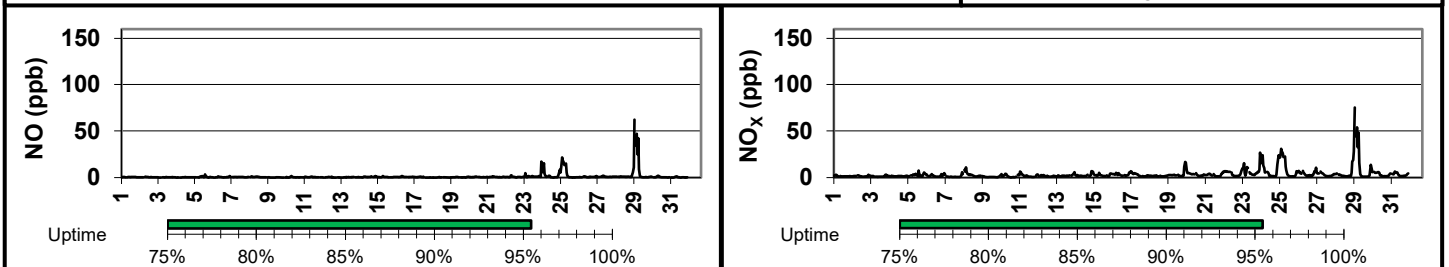
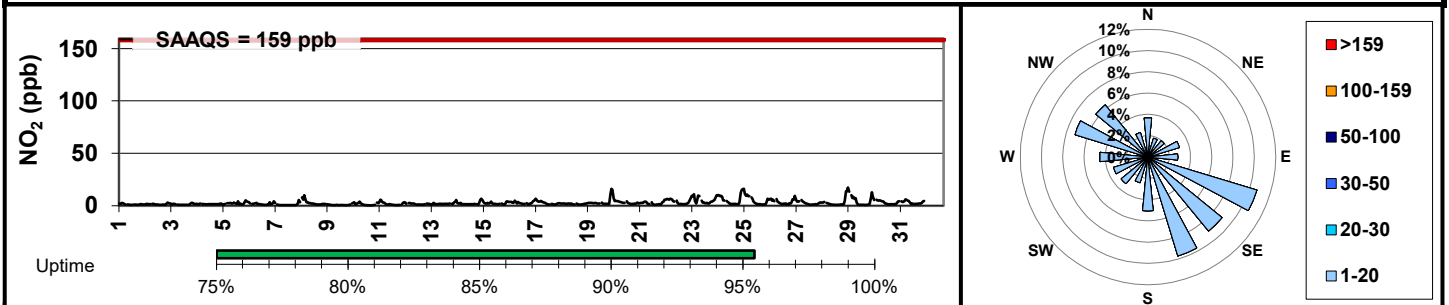
SESAA - May 2020 Weyburn Station Report

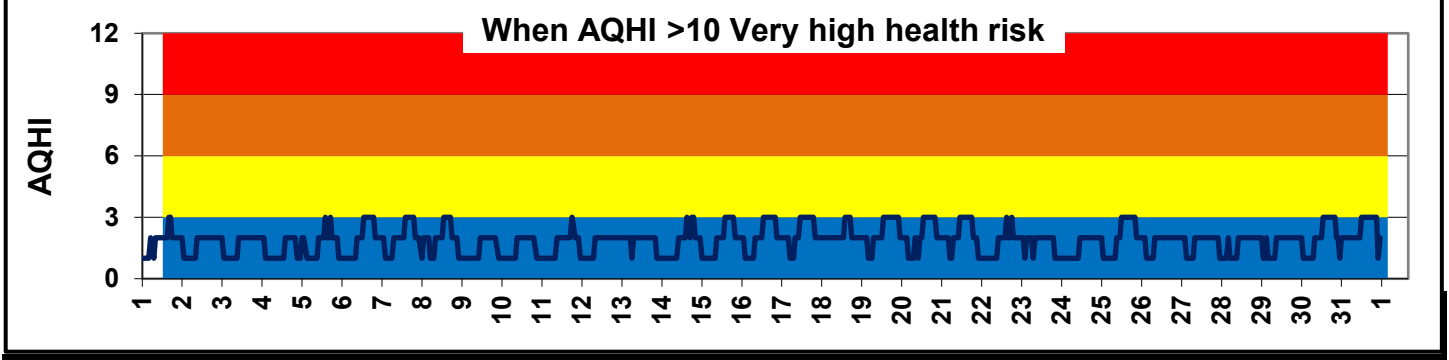
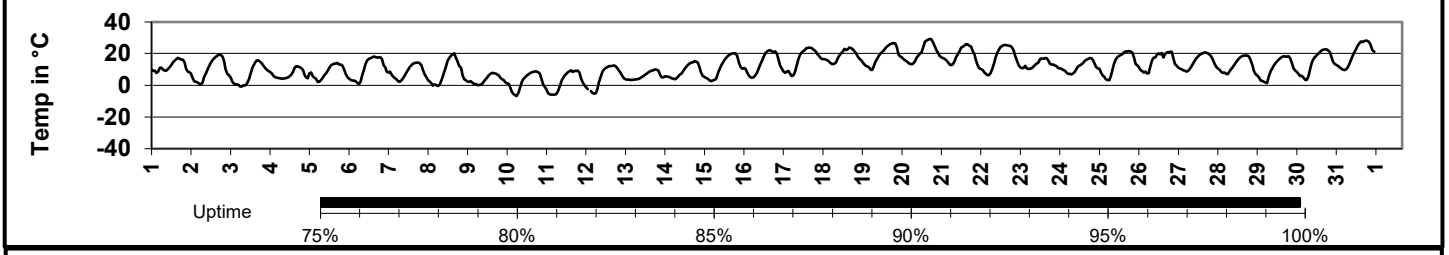
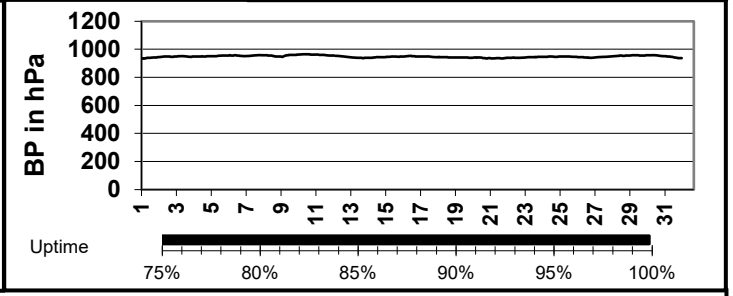
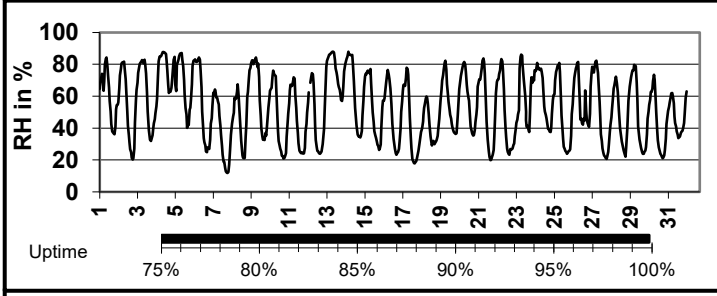
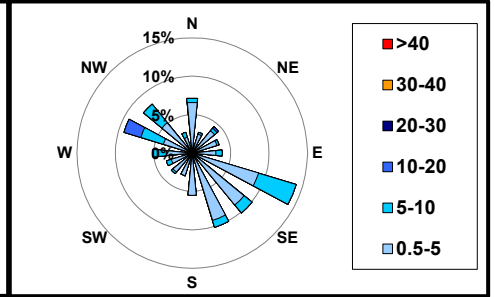
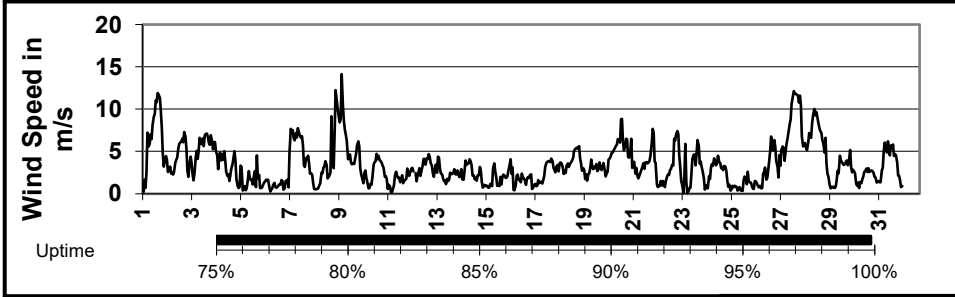
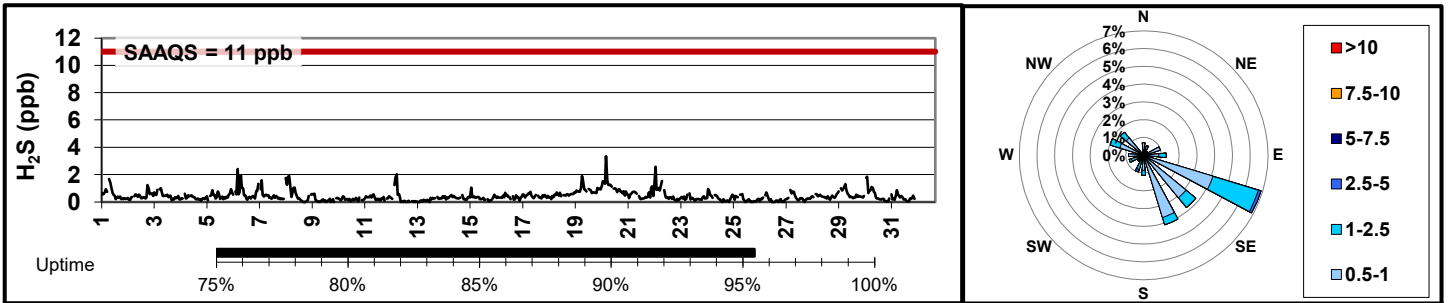
Parameter	Average	Valid	Operational	1-hour			8-hr / 24-hour			Exceed 1hr / 24hr
				Max	Objective	Max Time	Max	Objective	Max Day	
NO (ppb)	0.9	95%	100%	62.4	-	May-29 01:00	9.9	-	May-29	- / -
NO ₂ (ppb)	2.5	95%	100%	17.3	159	May-29 00:00	5.2	106	May-24	0 / 0
NO _x (ppb)	3.4	95%	100%	75.5	-	May-29 01:00	14.4	-	May-29	- / -
O ₃ (ppb)	28.1	95%	100%	50.7	82	May-16 16:00	48.0	63	May-31	0 / 0
PM _{2.5} (µg/m ³)	4.1	100%	100%	32.8	-	May-30 00:00	8.0	28	May-20	- / 0
SO ₂ (ppb)	0.6	95%	100%	14.3	172	May-31 05:00	1.9	48	May-31	0 / 0
H ₂ S (ppb)	0.4	95%	100%	3.3	11	May-20 04:00	1.1	4	May-20	0 / 0

Update Summary - Data for the month showed a predominate low AQHI

There were no readings above the SEQG in the month of May 2020

Operation instruments readings remained >90%





Elevated Hourly Reading Summary									
Date	NO ₂	O ₃	SO ₂	PM _{2.5}	H ₂ S	Temp	WS	WD	
2020-05-29 0:00	17.3	1.8	0.2	8.4	0.8	6.3	1.0	74.2	
2020-05-16 16:00	2.2	50.7	0.3	3.7	0.2	22.1	1.8	185.0	
2020-05-31 5:00	6.0	20.1	14.3	3.5	0.8	9.6	5.1	116.7	
2020-05-30 0:00	5.4	0.0	0.0	32.8	0.0	8.4	2.6	102.7	
2020-05-20 4:00	4.1	14.5	1.0	6.3	3.3	14.0	4.9	106.7	