



Peace Airshed Zone Association

Ambient Air Monitoring Network Summary

Ambient Air Quality Monitoring Program

Monthly Report

October 2025

November 30, 2025

Alberta Environment and Protected Areas

11th Floor, Oxbridge Place
9820-106 Street
Edmonton Alberta T5K 2J6

Subject: **Peace Airshed Zone Association (PAZA)**
October 2025 Ambient Air Quality Monitoring Report

Please find enclosed the PAZA Ambient Air Quality Monitoring Network Report for the month of October 2025.

The representative of the Person Responsible for this monitoring program is:

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This report was prepared by Dr. Kevin McCullum, P.Eng., and reviewed by Mandeep Dhaliwal. PAZA has retained the services of WSP Canada Inc. to conduct continuous ambient monitoring and Dr. Kevin McCullum, P.Eng. to provide data validation and reporting.

This report is submitted by PAZA on behalf of the industrial member companies to satisfy the requirements of the facility Operating Approvals listed in Table A

The monthly summary report includes the operational summaries and hourly continuous monitoring and monthly passive results. The Milner station is being reported under the PAZA Monthly report.

Continuous Monitoring:

Eight (8) Stations including Henry Pirker (Grande Prairie), Dunes, Smoky Heights, Beaverlodge, Valleyview, Fox Creek, Happy Valley-Portable and Milner.
Detailed Summaries are included in the report.

Calibration and Data Submission:

Monthly report, hourly data and calibration reports for October 2025 were submitted to the ETS data system.

Table A. PAZA members with Facility Operating Approvals

Company	Facility	LSD	EPEA Approval No.
Advantage Oil & Gas Ltd.	Glacier	05-02-076-13-W6	00262479-00-00
Alberta Power (2000) Ltd. (an ATCO company)	Sturgeon	SW-06-069-21-W5	00010283-02-02
ATCO Power Canada	Poplar Hill	11-19-073-08-W6	00067774-01-01
ATCO Power Canada	Valleyview	SW-06-069-21-W5	00147709-01-01
AltaGas Ltd.	Pouce Coupe	03-03-081-13-W6	00247673-00-00
	Gordondale	02-26-068-25-W5	00287474-00-00
Apache Canada Ltd.	House Mountain	01-08-070-10-W5	00010137-02-02
ARC Resources Ltd.	ARC Ante Creek	02-26-068-25-W5	00266694-01-00
Birchcliff Energy Ltd.	Pouce Coupe	03-22-078-12-W6	00252529-00-00
Canadian Natural Resources Limited	Bonanza	11-25-081-11-W6	00000029-01-00
	Progress/Gordondale	01-01-077-10-W6	00010036-02-00
	Gold Creek	13-26-067-05-W6	00010446-02-00
	Teepee Creek	SE-2-074-04-W6	00001635-02-00
	Sturgeon/Valleyview	02-02-069-22-W5	00001633-02-00
Canfor Forest Products	Grande Prairie	SW-23-071-06-W6	00152645-01-00
Conocophillips Canada Energy Partnership	Wembley	06-19-073-08-W6	00000212-01-00
Encana Corporation	Sexsmith	04-08-075-07-W6	00010002-01-00
Enerplus Resources	Pouce Coupe	SW-06-069-21-W5	00001464-02-03
Exshaw Oil Corporation	Spirit River	03-10-077-07-W6	00344521-00-00
Grande Prairie Generation Inc.	Northern Prairie Power Project	04-19-073-08-W6	00238762-00-00
Inception Exploration Ltd.	Gold Creek	03-26-069-05-W6	00335317-00-02
KANATA Energy Group Ltd.	Valhalla	13-21-076-09-W6	00017620-02-02
Long Run Exploration	Eaglesham	01-25-076-01-W6	00241532-00-00
	Kakut	14-12-075-03-W6	00248469-00-00
	Donnelly	06-01-077-21-W5	00000087-02-00
	Puskwaskau	03-26-074-01-W6	00017524-01-00
Longview Oil Corp.	Sunset House	06-22-070-20-W5	00138884-01-00
Milner Power Limited Partnership	H.R. Milner thermal electric power plant	SE-15-058-08-W6	00009814-03-03
NorthRiver Midstream Inc.	Fourth Creek	16-11-082-09-W6	00000263-01-00
	Gordondale	11-26-079-09-W6	00011495-01-01
	Pouce Coupe/Bonanza	03-23-080-13-W6	00070203-01-01
Pembina Pipeline Corporation	Kakwa River	08-13-063-05 W6	00335342-01-00
Penn West Petroleum Ltd.	Tangent	13-29-080-23-W5	00001746-02-00
	Pouce Coupe	16-07-078-11-W6	00000614-01-00
Petrus Resources	Rycroft	08-25-077-06-W6	00011351-02-00
	Spirit River	08-34-077-06-W6	00011096-02-00
Strathcona Resources Ltd.	Jayar Sour Gas Processing Plant	06-08-062-03 W6	03612040-00-00
Suncor Energy Inc.	Progress	07-22-078-09-W6	00011428-02-00
Tidewater Midstream and Infrastructure Ltd.	Pipestone Sour Gas Plant	NW-35-70-9 W6	00403309-00-00
Veresen Energy	Hythe Brainard	11-18-074-12-W6	00010910-02-00
Weyerhaeuser Canada	Grande Prairie Pulp and Wood Plant	01-14-070-05-W6	00000113-02-00

Concentrations in excess of the Clean Air (Maximum Levels) Regulation:

- There were one, 1hr readings above the PM_{2.5} AAAQG (80µg/m³)

Readings above the 1hr PM_{2.5} AAAQG (80µg/m³) recorded as follows:

Site	reference	Pollutant	Date	From MST	To MST	Average µg/m ³	WS km/hr	WD degrees
Happy Valley	na	PM _{2.5}	14-Oct-25	17:00	18:00	97.6	4.9	116

Operational times less than 90 percent

All instruments in the network were in operation >90% during the month.

Air Incidents

None to report

Deviations from Authorized Monitoring Methods

Wildfire bulk reporting protocol in place, only 24hr readings need reporting.

Passive Monitoring

54 Stations throughout the PAZA zone

- Passive sample analyses were performed by Bureau Veritas Laboratories
- Field notes indicated no issues during the month

There were 20 duplicates sampled in the month of October:

- Eight SO₂ duplicates located at Webber Creek, Beaverlodge, Valleyview, Little Smoky, Duvernay 1, Kakwa 2, Milner Pipeline, Jayar1 Plant
 - RPD ranging from 0% to 44% (no fails)
 - Milner Pipeline duplicate and Jayar1 Plant were all <0.1ppb
- One O₃ duplicate at Bay Tree
 - RPD of 4% (no fail)
- Seven NO₂ duplicates at Saddle Hills, Eaglesham, Wembley, Gift Lake, Kakwa 4, Milner Powerline, Jayar5 Camp
 - RPD ranging from 0% to 33% (no fails)
- Four H₂S duplicates at Duvernay 1, Girouxville 4, Kakwa 1, Jayar2 14-8
 - RPD ranging from 3% to 27% (no fails)

Dustfall Monitoring

- Five Stations collected Total Dustfall and Fixed Dustfall
- Total dustfall ranged from 30.8 to 102.5 mg/100cm²/30day
- RPD was 24 to 58% (one fail with Fixed Dustfall, readings of 9.2 and 16.8)

I certify that I have reviewed and verified this report and that the information is complete, accurate and representative of the monitoring results, reporting timeframe and the specified analysis, summarization, and reporting requirements.

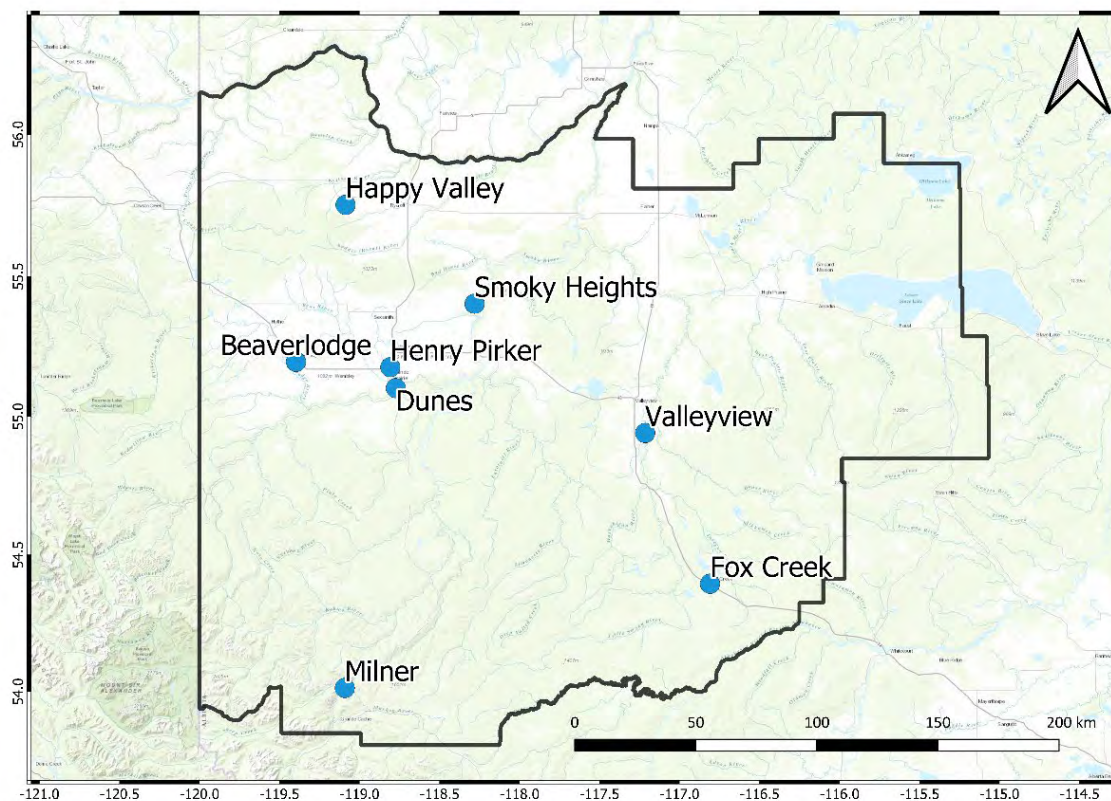
A handwritten signature in black ink, appearing to read 'Mandeep Dhaliwal', is written over a horizontal line.

Mandeep Dhaliwal, B.Sc., P.Chem.
Program Manager

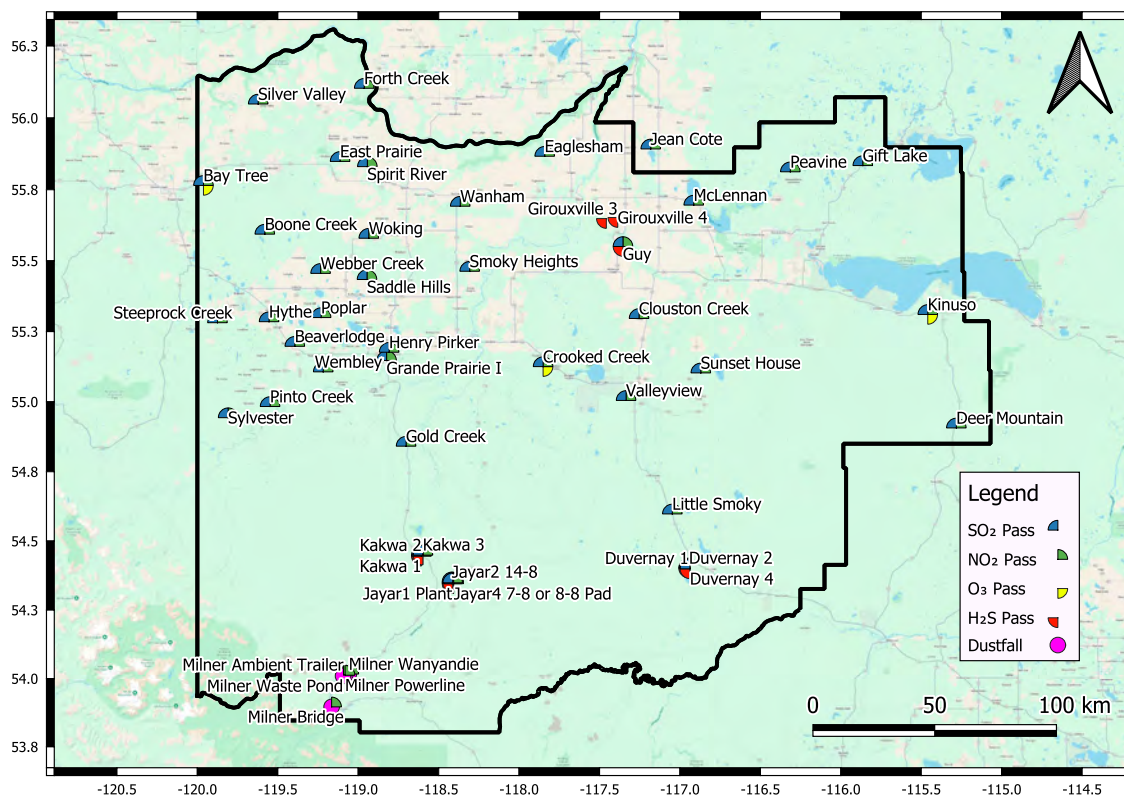
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PAZA Continuous Monitoring Station Locations



PAZA Passive Monitoring Station Locations



1 October 2025 Monthly Station Summaries

The following summaries are for the equipment and data results from the continuous ambient work

1.1 Beaverlodge Air Monitoring Station

PAZA - October 2025 Beaverlodge Station Report

ALTA - October 2025 Exceedance Data Report															
Parameter	October				1-hour			24-hour			Exceedance				Calibration
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date
NO (ppb)	0.4	0.0	94.9%	99.5%	8.1	-	Oct-20 09:00	1.9	-	Oct-31	-	-	-	-	Oct 06, 2025
NO ₂ (ppb)	3.3	0.5	94.9%	99.5%	15.7	159	Oct-24 20:00	10.3	-	Oct-31	0	-	-	-	Oct 06, 2025
NO _x (ppb)	3.7	0.6	94.9%	99.5%	22.1	-	Oct-31 19:00	12.2	-	Oct-31	-	-	-	-	Oct 06, 2025
O ₃ (ppb)	24.1	1.6	95.4%	100.0%	44.8	76	Oct-10 17:00	30.9	-	Oct-24	0	-	-	-	Oct 06, 2025
PM _{2.5} (µg/m³)	2.3	0.2	99.9%	100.0%	13.4	80	Oct-01 21:00	6.8	29	Oct-01	-1	-	0	-	Oct 07, 2025
SO ₂ (ppb)	0.3	0.0	95.3%	100.0%	4.7	172	Oct-23 14:00	1.3	48	Oct-31	0	-	0	0	Oct 07, 2025
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	5.2	-7.7	100.0%	100.0%	24.2	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	66.4	16.9	100.0%	100.0%	100.3										
WS (km/hr)	10.1	0.1	100.0%	100.0%	33.6										
WD (deg)	271	0.1	100.0%	100.0%	359.8	Average Wind Direction		271	W						

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42iQ	Oct 13&14, AIC span failed (>10%) spans were increasing, manual span conducted Oct 14 with all data within limits (2 hrs removed, 2hrs maintenance)
O ₃	Thermo	49iQ	No operational issues noted during the month
PM _{2.5}	API	T640	No operational issues noted during the month; no readings above AAAQG or AAAQO
SO ₂	Thermo	43i-TLE	No operational issues noted during the month
Met Equip	MetOne	50.5	No operational issues noted during the month

1.2 Dunes Air Monitoring Station

PAZA - October 2025 Dunes Station Report

AER - October 2020 Dulles Station Report															
Parameter	October		Valid	Operational	Max	30min / 1-hour		24-hour			Exceedance				Calibration
	Average	Minimum				Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date
PM _{2.5} (µg/m³)	1.6	0.0	96.2%	96.4%	16.3	80	Oct-10 22:00	6.7	29	Oct-10	0	-	0	-	Oct-17-2025
SO ₂ (ppb)	0.3	0.0	91.5%	96.4%	7.4	172	Oct-19 22:00	0.7	48	Oct-19	0	-	0	0	Oct-17-2025
TRS (ppb)	0.5	0.0	91.3%	96.4%	1.8	5	Oct-02 09:00	0.7	3	Oct-10	0	-	0	-	Oct-17-2025
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	4.8	-7.0	96.4%	96.4%	24.8	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	66.6	21.0	96.4%	96.4%	99.9										
WS (km/hr)	4.0	0.1	96.4%	96.4%	12.4										
WD (deg)	253	0.3	96.4%	96.4%	359.9										
Average Wind Direction									253	WSW					

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Thermo	SHARP 5030	Oct 5-6, data collection loss, 27 hours removed ; no readings above AAAQG or AAAQO
SO ₂	Thermo	43i	Oct 5-6, data collection loss, 27 hours removed
TRS	Thermo	43i	Oct 5-6, data collection loss, 27 hours removed; no 30min readings above AAAQG
Met Equip	Gil/RMYoung	MetPak/RMY86004	Oct 5-6, data collection loss, 27 hours removed

1.3 Grande Prairie - Henry Pirker Air Monitoring Station

PAZA - October 2025 Henry Pirker Station Report

AER - October 2025 Henry Finkler Station Report																
Parameter	October				1-hour			8-hour / 24-hour			Exceedance				Calibration	
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date	
NO (ppb)	3.4	0.0	95.2%	100.0%	97.9	-	Oct-30 09:00	15.3	-	Oct-30	-	-	-	-	Oct 09, 2025	
NO ₂ (ppb)	8.6	0.8	95.2%	100.0%	31.9	159	Oct-09 20:00	21.2	-	Oct-10	0	-	-	-	Oct 09, 2025	
NO _x (ppb)	12.1	0.9	95.2%	100.0%	128.6	-	Oct-30 09:00	33.8	-	Oct-10	-	-	-	-	Oct 09, 2025	
O ₃ (ppb)	18.3	0.3	95.3%	100.0%	40.6	76	Oct-15 15:00	29.2	-	Oct-17	0	-	-	-	Oct 09, 2025	
PM _{2.5} (µg/m³)	3.8	0.2	99.7%	100.0%	32.6	80	Oct-30 20:00	11.7	29	Oct-10	0	-	0	-	Oct 24, 2025	
SO ₂ (ppb)	0.2	0.0	95.3%	100.0%	19.3	172	Oct-30 17:00	2.5	48	Oct-30	0	-	0	0	Oct 09, 2025	
H ₂ S (ppb)	0.2	0.0	95.2%	100.0%	1.3	10	Oct-07 10:00	0.4	3	Oct-10	0	-	0	-	Oct 24, 2025	
CH ₄ (ppm)	2.4	2.0	95.2%	100.0%	5.7	-	Oct-07 09:00	2.7	-	Oct-09	-	-	-	-	Oct 02, 2025	
THC (ppm)	2.3	1.9	95.2%	100.0%	5.8	-	Oct-07 09:00	2.7	-	Oct-09	-	-	-	-	Oct 02, 2025	
NMHC (ppm)	0.0	0.0	95.2%	100.0%	0.2	-	Oct-09 22:00	0.0	-	Oct-30	-	-	-	-	Oct 02, 2025	
CO (ppm)	0.2	0.1	92.2%	96.9%	1.1	13	Oct-30 09:00	0.4	5	Oct-30	0	0	-	-	Oct 24, 2025	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	5.4	-6.8	100.0%	100.0%	22.5	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Dec 12, 2024
RH (%)	62.7	23.7	100.0%	100.0%	89.0											Dec 12, 2024
SR (W/m²)	66.9	0.0	100.0%	100.0%	490.4											Dec 12, 2024
WS (km/hr)	7.7	0.1	100.0%	100.0%	28.9											Dec 12, 2024
WD (deg)	258	1.5	100.0%	100.0%	355.3											Dec 12, 2024
																Dec 12, 2024
Average Wind Direction										258	WSW					

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	No operational issues noted during the month
O ₃	TECO	49i	No operational issues noted during the month
PM _{2.5}	API	T640	No operational issues noted during the month; no readings above AAAQG or AAAQO
SO ₂	Thermo	43i-TLE	No operational issues noted during the month
H ₂ S	TEI	450i	No operational issues noted during the month
THC/CH ₄ /NMHC	TEI	55i	No operational issues noted during the month
CO	Thermo	48i-TLE	Oct 2, calibration started, however cal gear had a broken fitting, not able to continue (4hrs flagged as maintenance); Oct 24 removal calibration 1408761378 (AMU:1957), with AEPA loaner unit (S/N:1235356077 AMU:1902), analyzer left overnight, install calibration performed Oct25 (17hrs removed, 2hrs maintenance)
Met Equip	MetOne	50.5	No operational issues noted during the month

1.4 Smoky Heights Air Monitoring Station

PAZA - October 2025 Smoky Heights Station Report

AZA - October 2025 Smoky Heights Station Report																
Parameter	October				30min / 1-hour			24-hour			Exceedance				Calibration Date	
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d		
PM _{2.5} (µg/m³)	2.8	0.0	99.2%	99.5%	61.0	80	Oct-09 19:00	8.4	29	Oct-18	0	-	0	-	Oct 08, 2025	
SO ₂ (ppb)	0.3	0.0	94.6%	99.3%	8.9	172	Oct-10 21:00	1.1	48	Oct-30	0	-	0	0	Oct 08, 2025	
TRS (ppb)	0.1	0.0	94.6%	99.3%	1.0	5	Oct-01 21:00	0.2	3	Oct-26	0	-	0	-	Oct 08, 2025	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	4.7	-9.7	99.5%	99.5%	22.3	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Aug 02, 2025
WS (km/hr)	11.1	0.5	99.5%	99.5%	41.8											Aug 02, 2025
WD (deg)	250	1.3	99.5%	99.5%	360.0											Aug 02, 2025
Average Wind Direction		250	WNW													

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Sharp	5030	Oct 17, data collection failure, 4hrs removed; no readings above AAAQG or AAAQO
SO ₂	TECO	43i	Oct 7, AIC manual check for analyzer (1hr); Oct 17, data collection failure, 4hrs removed
TRS	TEI	43i APSAA	Oct 7, span failed, AIC manual check performed ok (1hr); Oct 17, data collection failure, 4hrs removed
Met Equip	MetOne	50.5	Oct 17, data collection failure, 4hrs removed

1.5 Valleyview Air Monitoring Station

PAZA - October 2025 Valleyview Station Report

Parameter	October		Valid	Operational	Max	1-hour		Max	24-hour		Exceedance				Calibration Date
	Average	Minimum				Objective	Max Day and Time		Objective	Max Day	1hr	8hr	24hr	30d	
SO ₂ (ppb)	0.1	0.0	95.3%	100.0%	1.2	172	Oct-05 16:00	0.2	48	Oct-31	0	-	0	0	Oct 01, 2025
H ₂ S (ppb)	0.1	0.0	95.0%	100.0%	0.5	10	Oct-08 20:00	0.3	3	Oct-30	0	-	0	-	Oct 01, 2025
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	5.4	-10.2	100.0%	100.0%	25.0	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	70.9	23.5	100.0%	100.0%	100.3										
WS (km/hr)	4.6	0.1	100.0%	100.0%	14.6										
WD (deg)	232	0.3	100.0%	100.0%	360.0										
Average Wind Direction									232	NW					

Update Summary:

Parameter	Make	Model	Equipment summary
SO ₂	TEI	43i-APSCB	No operational issues noted during the month
H ₂ S	TEI	450i-APHAA / 43C	Oct 1, removal calibration as the analyzer has failed AIC for last few days, internal sample pump rebuilt then install calibration on the analyzer, no additional data removed
Met Equip	RMYoung	RMY86004	No operational issues noted during the month

1.6 Fox Creek Air Monitoring Station

PAZA - October 2025 Fox Creek Station Report

Parameter	October		Valid	Operational	Max	1-hour		8-hour / 24-hour		Max	Exceedance				Calibration Date
	Average	Minimum				Objective	Max Day and Time	Objective	Max Day		1hr	8hr	24hr	30d	
NO (ppb)	6.4	0.0	94.8%	99.6%	67.1	-	Oct-16 05:00	17.3	-	Oct-16	-	-	-	-	Oct 22, 2025
NO ₂ (ppb)	7.3	0.0	94.8%	99.6%	26.9	159	Oct-24 18:00	14.0	-	Oct-16	0	-	-	-	Oct 22, 2025
NO _x (ppb)	14.0	0.2	94.8%	99.6%	91.9	-	Oct-16 05:00	31.6	-	Oct-16	-	-	-	-	Oct 22, 2025
O ₃ (ppb)	18.6	0.6	94.9%	99.6%	43.2	76	Oct-24 15:00	29.2	-	Oct-24	0	-	-	-	Oct 22, 2025
PM _{2.5} (ug/m ³)	3.8	0.4	99.3%	99.6%	20.7	80	Oct-10 16:00	8.4	29	Oct-10	0	-	0	-	Oct 22, 2025
SO ₂ (ppb)	0.4	0.0	94.9%	99.6%	26.7	172	Oct-05 05:00	2.3	48	Oct-05	0	-	0	0	Oct 22, 2025
H ₂ S (ppb)	0.1	0.0	94.9%	99.6%	0.5	10	Oct-15 19:00	0.3	3	Oct-06	0	-	0	-	Oct 23, 2025
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	5.6	-6.7	99.6%	99.6%	22.7	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
WS (km/hr)	6.2	0.2	99.6%	99.6%	21.5										
WD (deg)	244	3.9	99.6%	99.6%	356.6										
Average Wind Direction									244	WSW					
															Sep 17, 2025
															Sep 17, 2025
															Sep 17, 2025

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42IQ	Oct 9, data collection failure, 3hrs removed
O ₃	TECO	49i	Oct 9, data collection failure, 3hrs removed
PM _{2.5}	API	T640	Oct 9, data collection failure, 3hrs removed; no readings above AAAQG or AAAQO
SO ₂	TEI	43i-TLE	Oct 9, data collection failure, 3hrs removed
H ₂ S	TEI	450i	Oct 9, data collection failure, 3hrs removed
Met Equip	MetOne	50.5	Oct 9, data collection failure, 3hrs removed

1.7 Happy Valley Air Monitoring Station

PAZA - October 2025 Happy Valley Station Report

Parameter	October			30min / 1-hour				24-hour		Exceedance					Calibration Date
	Average	Minimum	Valid	Operational	Max	Objective	ix Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	
NO (ppb)	0.4	0.0	95.0%	100.0%	7.5	-	Oct-24 20:00	1.0	-	Oct-29	-	-	-	-	Oct 16, 2025
NO ₂ (ppb)	1.8	0.3	95.0%	100.0%	13.1	159	Oct-24 20:00	4.4	-	Oct-29	0	-	-	-	Oct 16, 2025
NO _x (ppb)	2.2	0.4	95.0%	100.0%	21.0	-	Oct-24 20:00	5.4	-	Oct-29	-	-	-	-	Oct 16, 2025
O ₃ (ppb)	25.8	2.1	95.3%	100.0%	45.1	76	Oct-10 16:00	37.2	-	Oct-10	0	-	-	-	Oct 16, 2025
PM _{2.5} (µg/m ³)	2.7	0.1	99.9%	100.0%	97.6	80	Oct-14 18:00	8.3	29	Oct-14	1	-	0	-	Oct 16, 2025
SO ₂ (ppb)	0.5	0.0	95.2%	100.0%	13.4	172	Oct-16 05:00	1.9	48	Oct-16	0	-	0	0	Oct 16, 2025
TRS (ppb)	0.4	0.2	95.3%	100.0%	1.9	5	Oct-01 01:00	0.7	-	Oct-01	0	-	-	-	Oct 17, 2025
CH ₄ (ppm)	2.0	1.9	95.2%	99.9%	3.4	-	Oct-01 00:00	2.1	-	Oct-29	-	-	-	-	Sep 06, 2025
THC (ppm)	2.0	1.9	95.2%	99.9%	4.0	-	Oct-01 00:00	2.2	-	Oct-01	-	-	-	-	Sep 06, 2025
NMHC (ppm)	0.0	0.0	95.2%	99.9%	0.6	-	Oct-01 00:00	0.0	-	Oct-01	-	-	-	-	Sep 06, 2025
Average	5.0	-9.3	100.0%	100.0%	23.0	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
Temp (°C)	5.0	-9.3	100.0%	100.0%	23.0										
WS (km/hr)	13.9	0.2	100.0%	100.0%	41.8										
WD (deg)	249	5.2	100.0%	100.0%	353.2	Average Wind Direction 249 WSW									

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	TEI	42i	No operational issues noted in the month
O ₃	TEI	49I	No operational issues noted in the month
PM _{2.5}	API	T640	No operational issues noted in the month; Oct 14, 1x1hr reading above AAAQG no readings above AAAQO
SO ₂	TEI	43I	No operational issues noted in the month
TRS	TEI	43I	No operational issues noted in the month
THC/CH ₄ /NMHC	TEI	55i	Oct 27, data drop (1hr removed)
Met Equip	MetOne	50.5	No operational issues noted in the month

1.8 Milner Air Monitoring Station

PAZA - October 2025 Milner Station Report

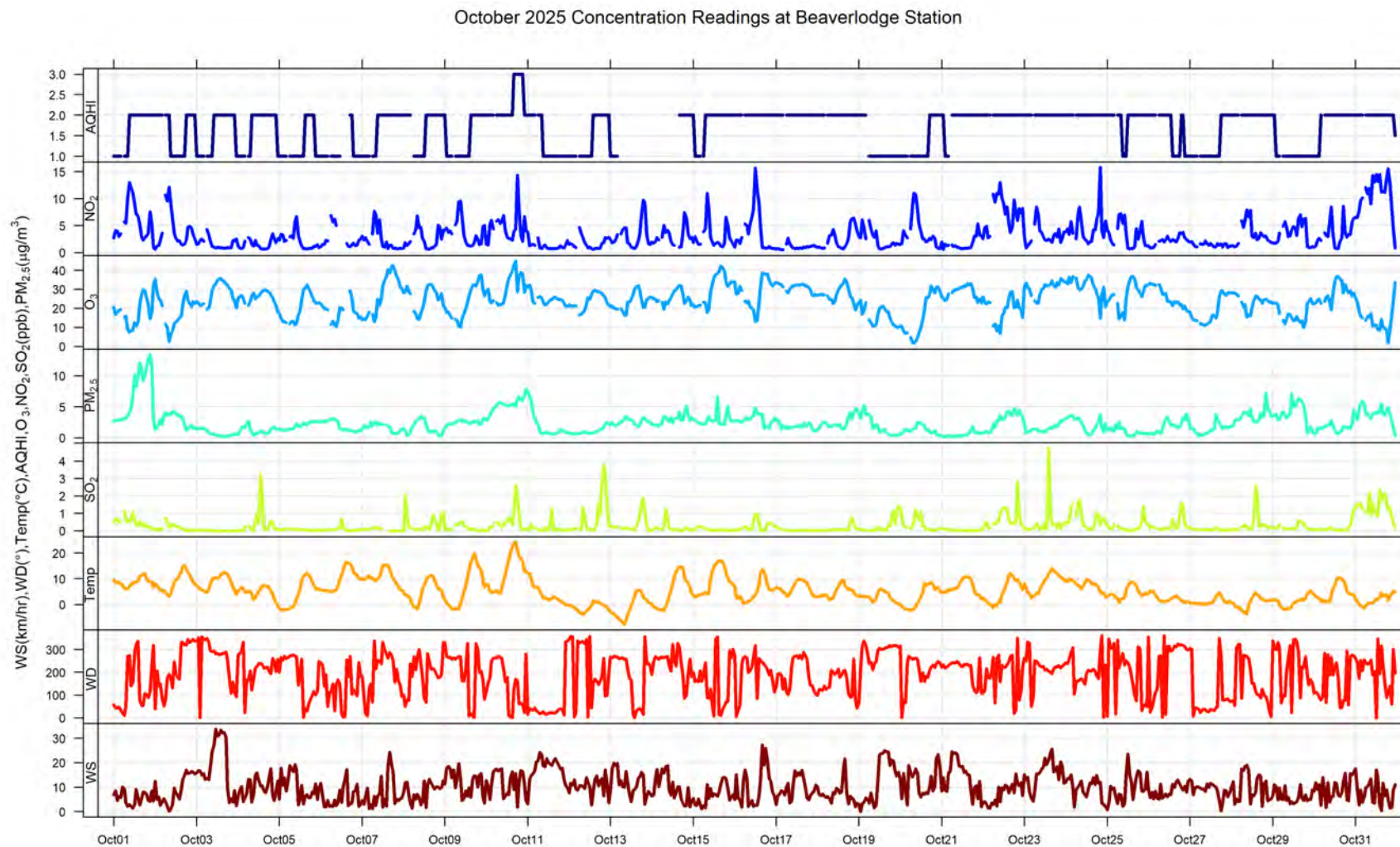
AER - October 2025 Winner Station Report															
Parameter	October			Operational	1-hour			24-hour			Exceedance				Calibration Date
	Average	Minimum	Valid		Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	
NO (ppb)	0.5	0.0	94.9%	99.7%	24.4	-	Oct-07 10:00	2.6	-	Oct-07	-	-	-	-	Oct 24, 2025
NO ₂ (ppb)	1.7	0.0	94.9%	99.7%	17.8	159	Oct-29 02:00	4.5	-	Oct-29	0	-	-	-	Oct 24, 2025
NO _x (ppb)	2.3	0.0	94.9%	99.7%	33.3	-	Oct-07 10:00	5.5	-	Oct-07	-	-	-	-	Oct 24, 2025
PM _{2.5} (µg/m³)	2.4	0.1	99.9%	100.0%	23.6	80	Oct-28 17:00	5.3	29	Oct-10	0	-	0	-	Oct 24, 2025
	Average	Minimum	Valid	Operational	Maximum	Note: Valid hours must be greater than 75% Operational hours must be greater than 90% Average Wind Direction253 WSW									
WS (km/hr)	8.0	0.2	99.9%	100.0%	29.8										
WD (deg)	253	1.2	99.9%	100.0%	358.1										

Update Summary:

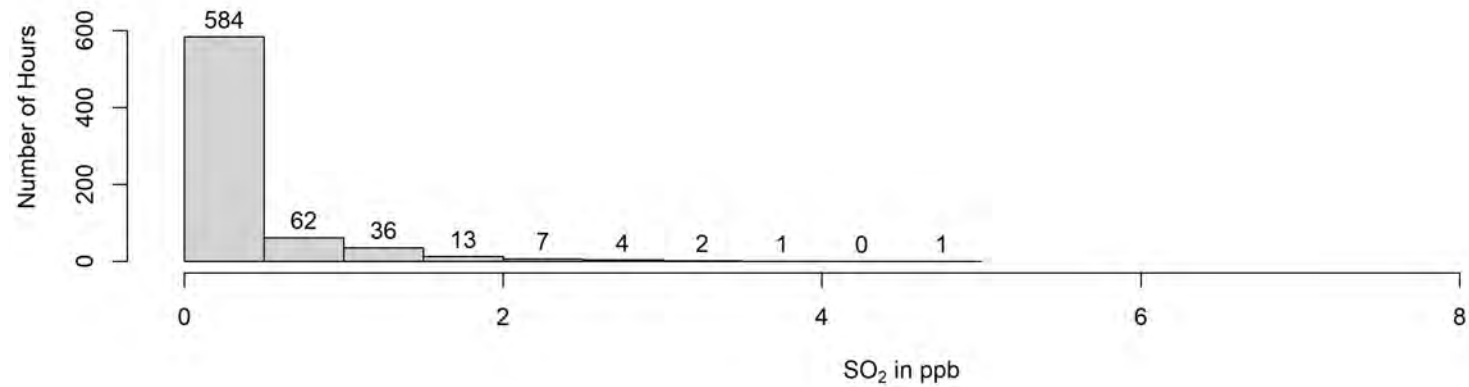
Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	Oct 24-25, 2hrs removed due to unstable readings
PM _{2.5}	API	T640	No operational issues noted during the month, no readings above AAAQG or AAAQO
Met Equip	MetOne	50.5	No operational issues noted during the month; Annual calibration performed Oct 24, 2025

2 Beaverlodge Charts

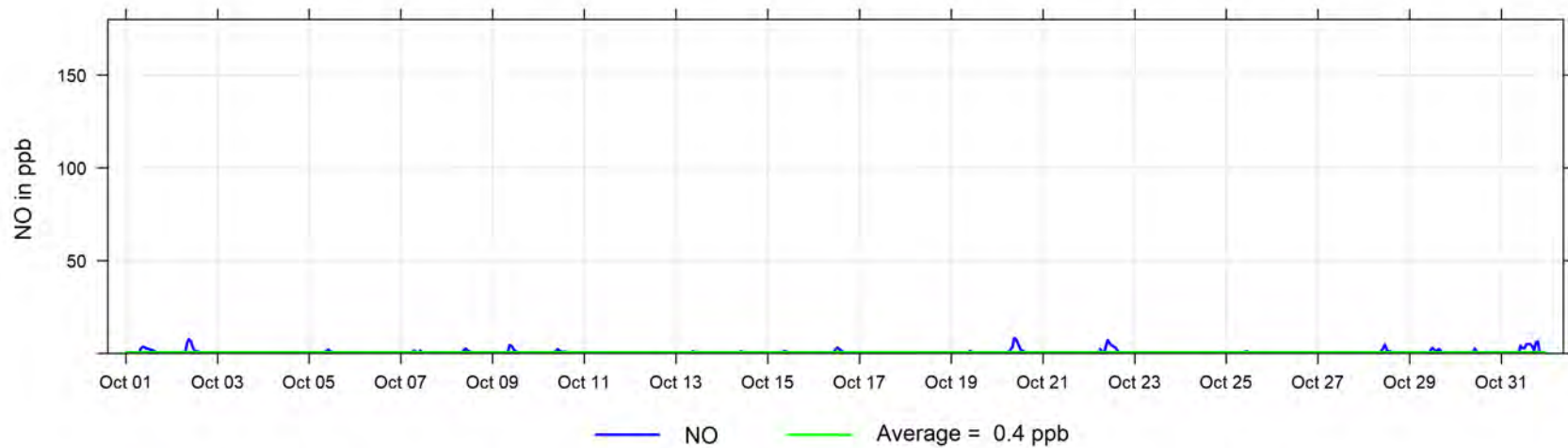
The following pages include the charts and histograms for Beaverlodge Station



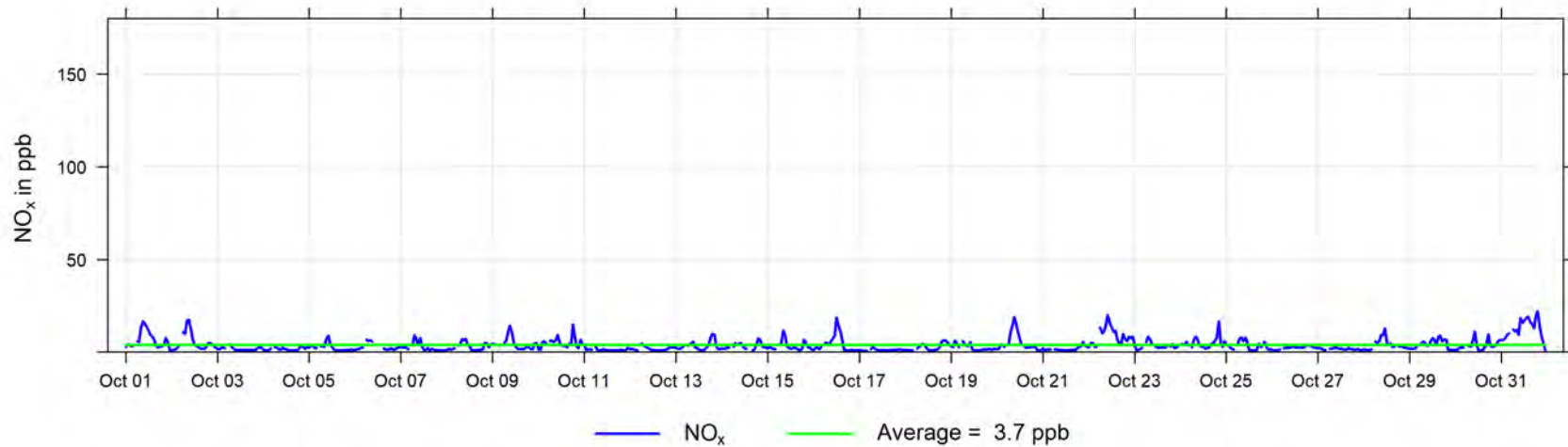
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Beaverlodge



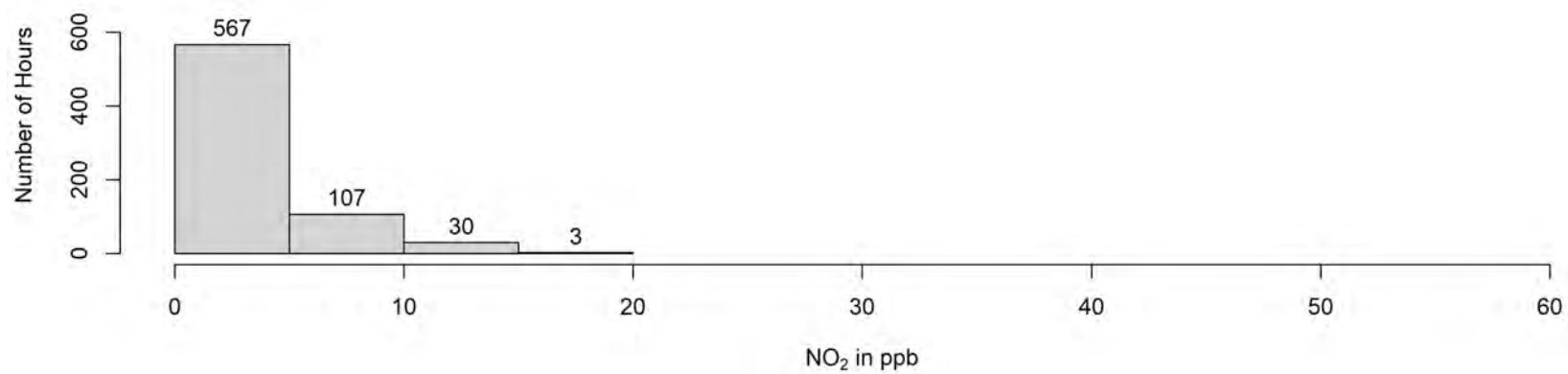
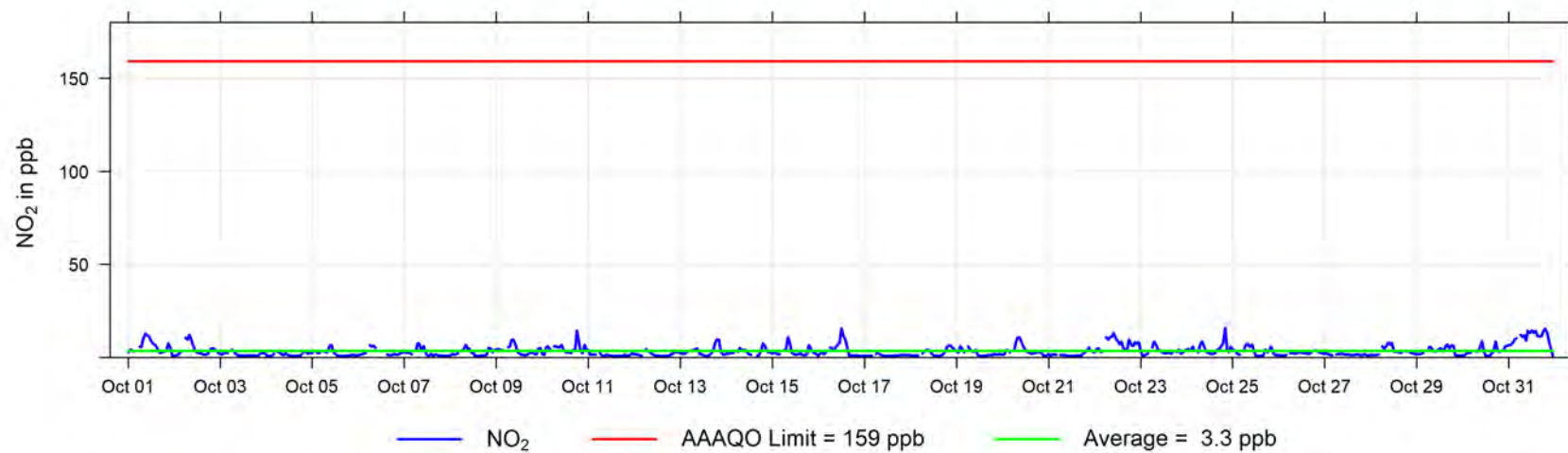
October 2025 Hourly Concentration Readings of NO (in ppb) at Beaverlodge



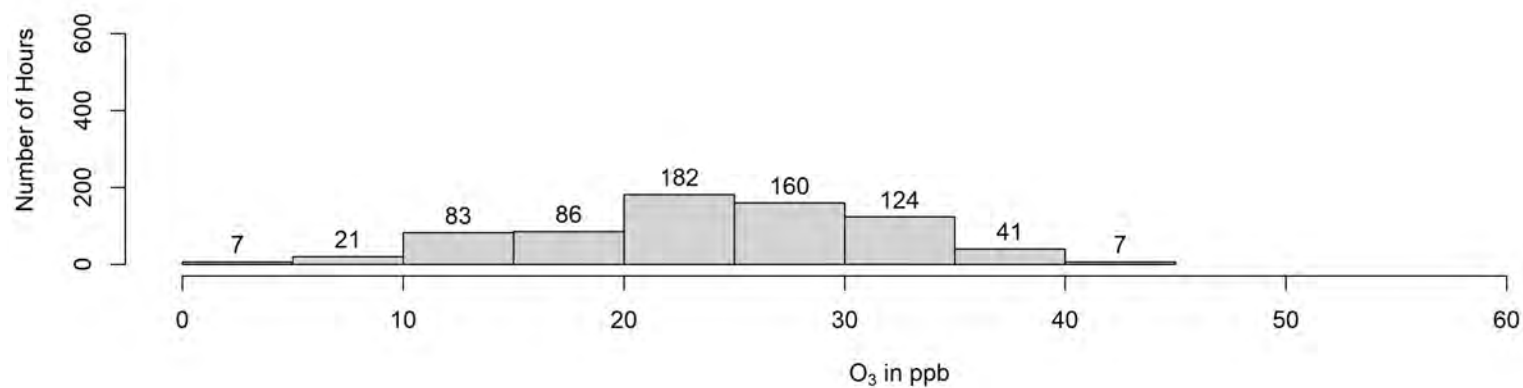
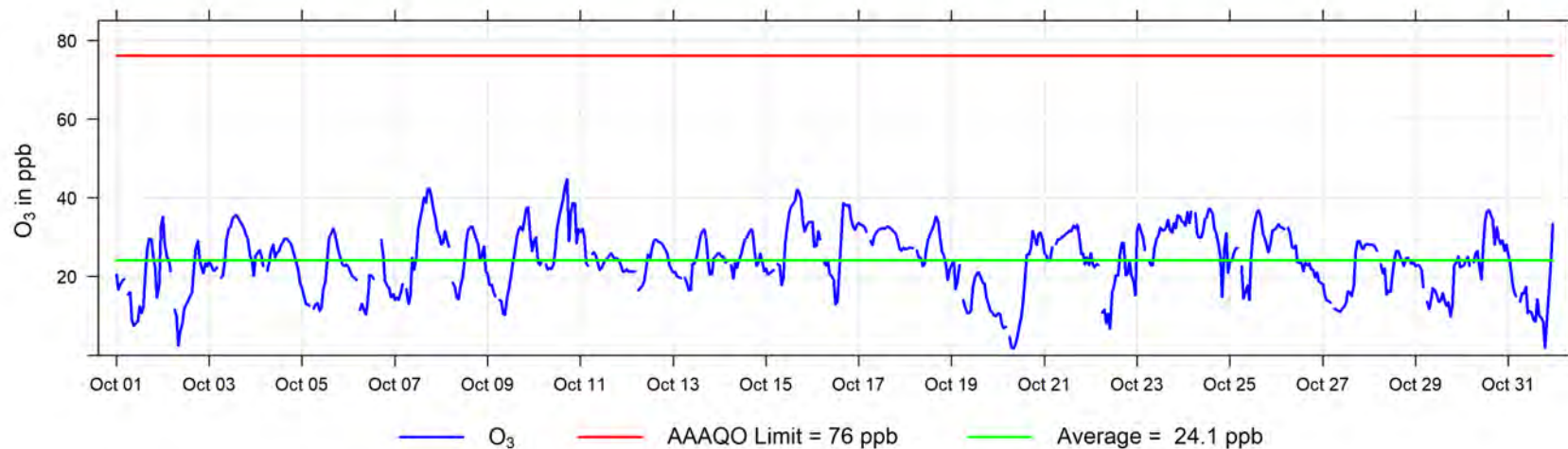
October 2025 Hourly Concentration Readings of NO_x (in ppb) at Beaverlodge



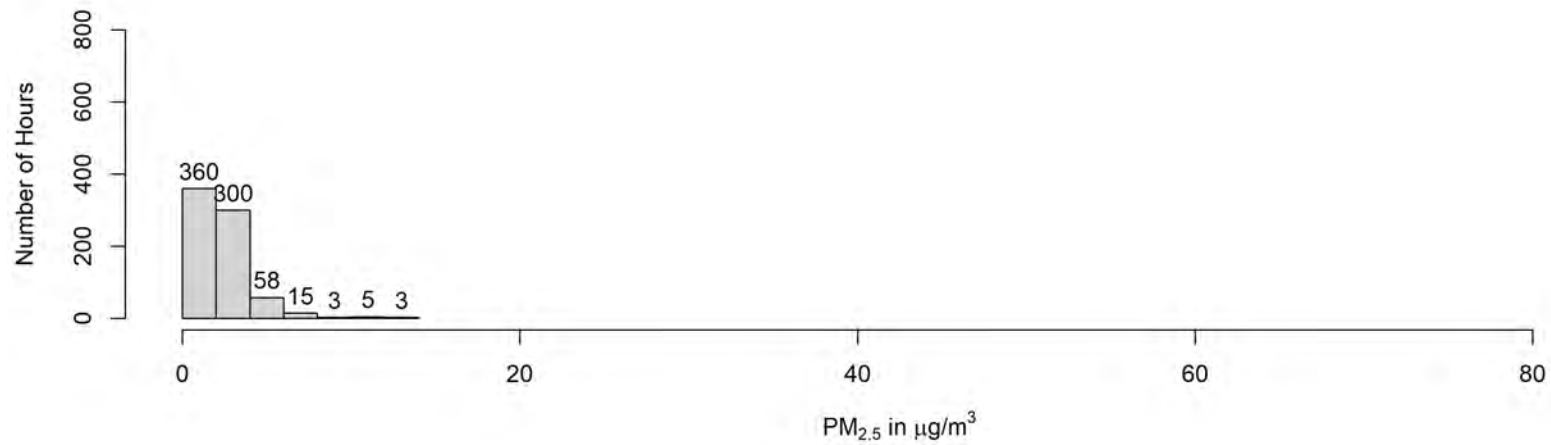
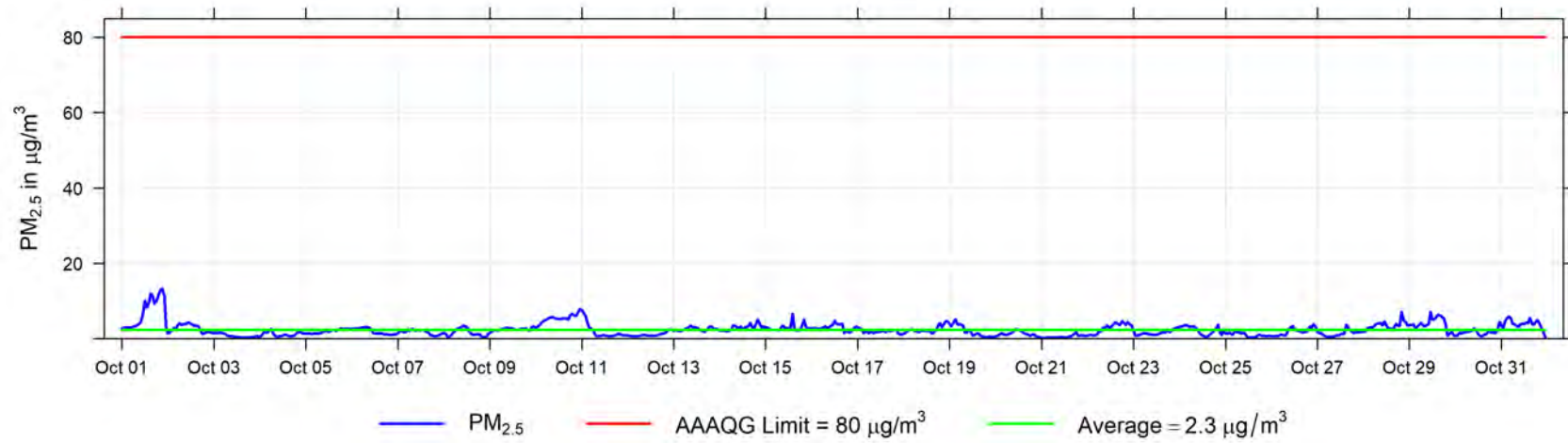
October 2025 Hourly Concentration Readings of NO₂ (in ppb) at Beaverlodge



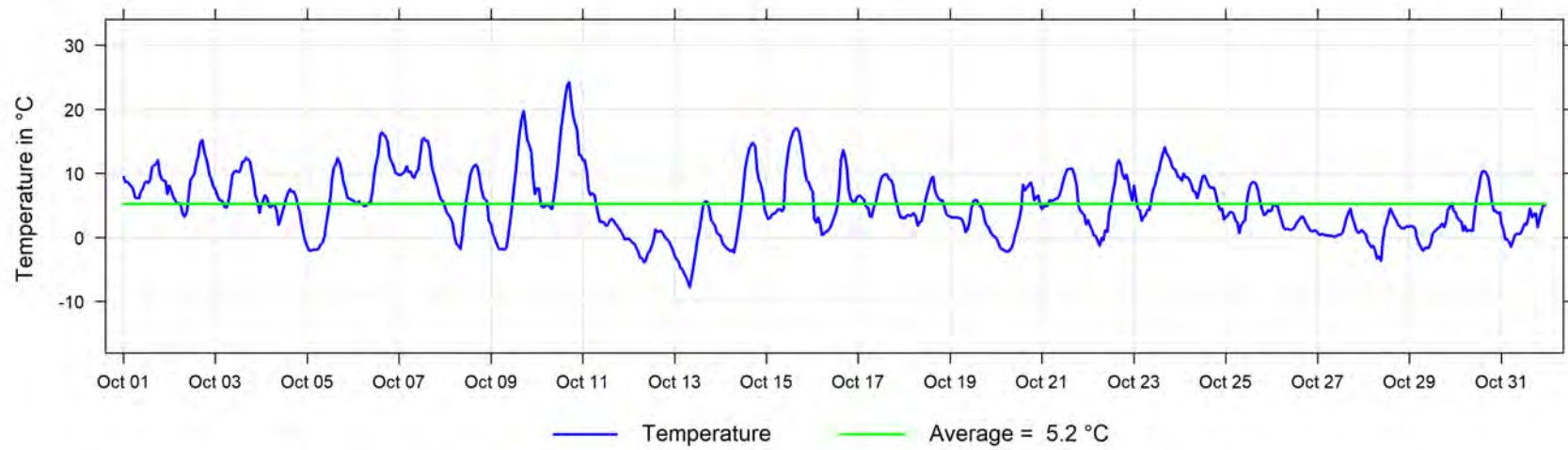
October 2025 Hourly Concentration Readings of O₃ (in ppb) at Beaverlodge



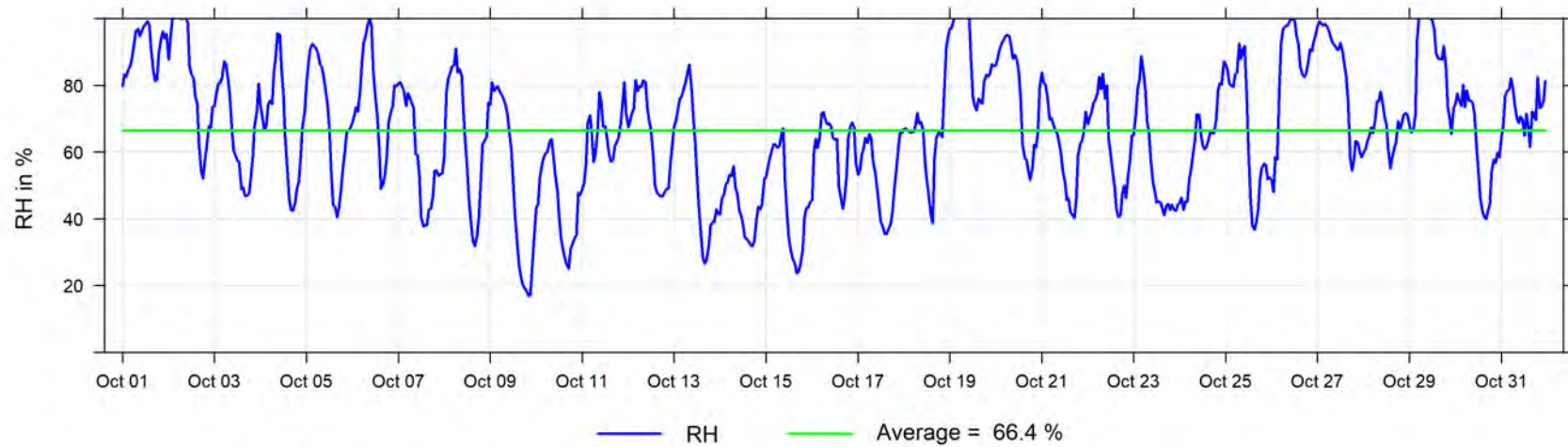
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Beaverlodge



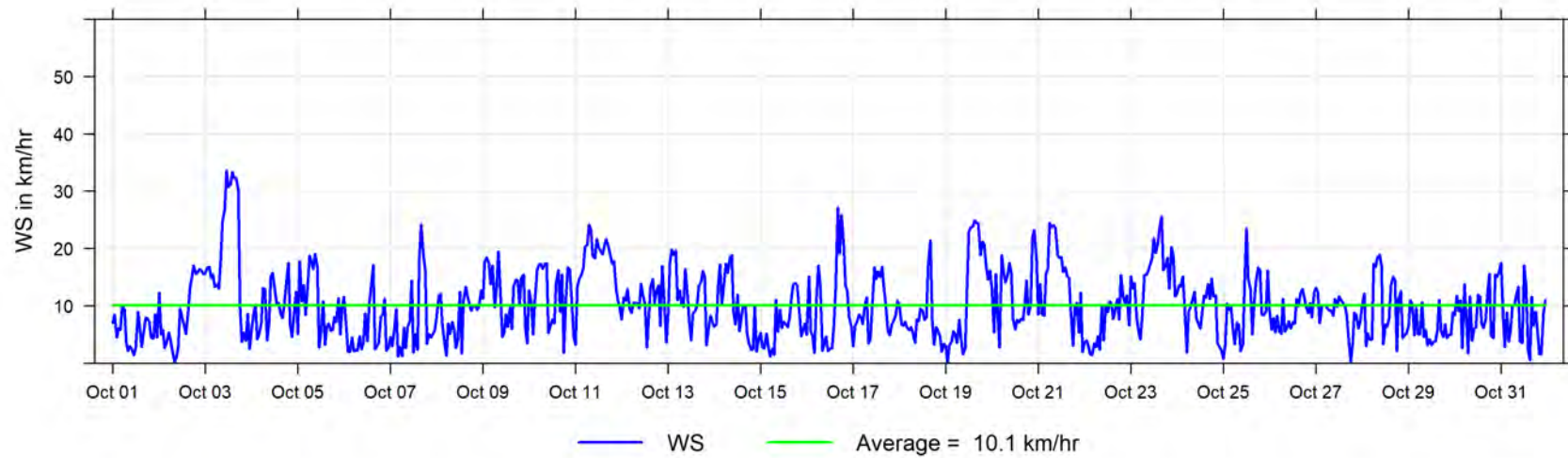
October 2025 Hourly Temperature Readings (in °C) at Beaverlodge



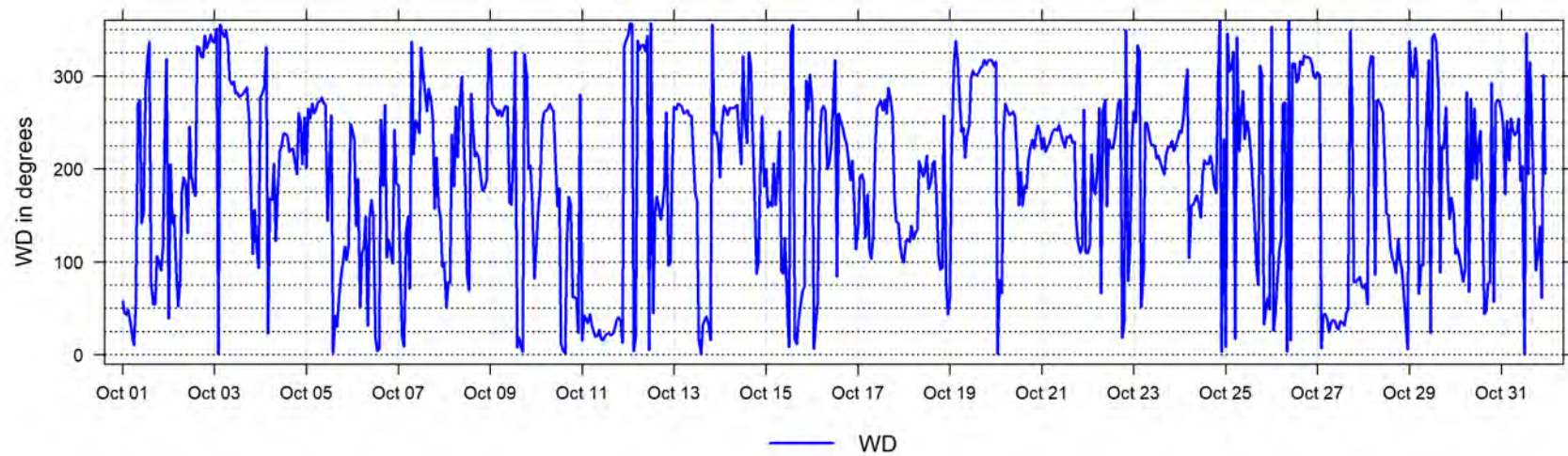
October 2025 Hourly Readings of Relative Humidity (in %) at Beaverlodge



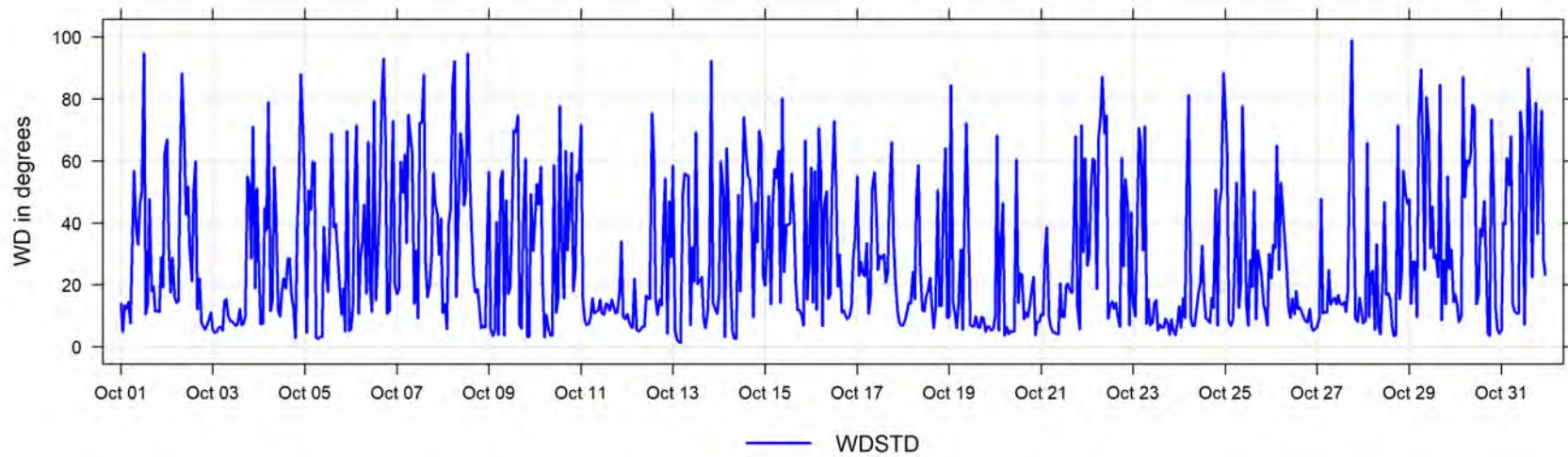
October 2025 Hourly Readings of Wind Speed (in km/hr) at Beaverlodge

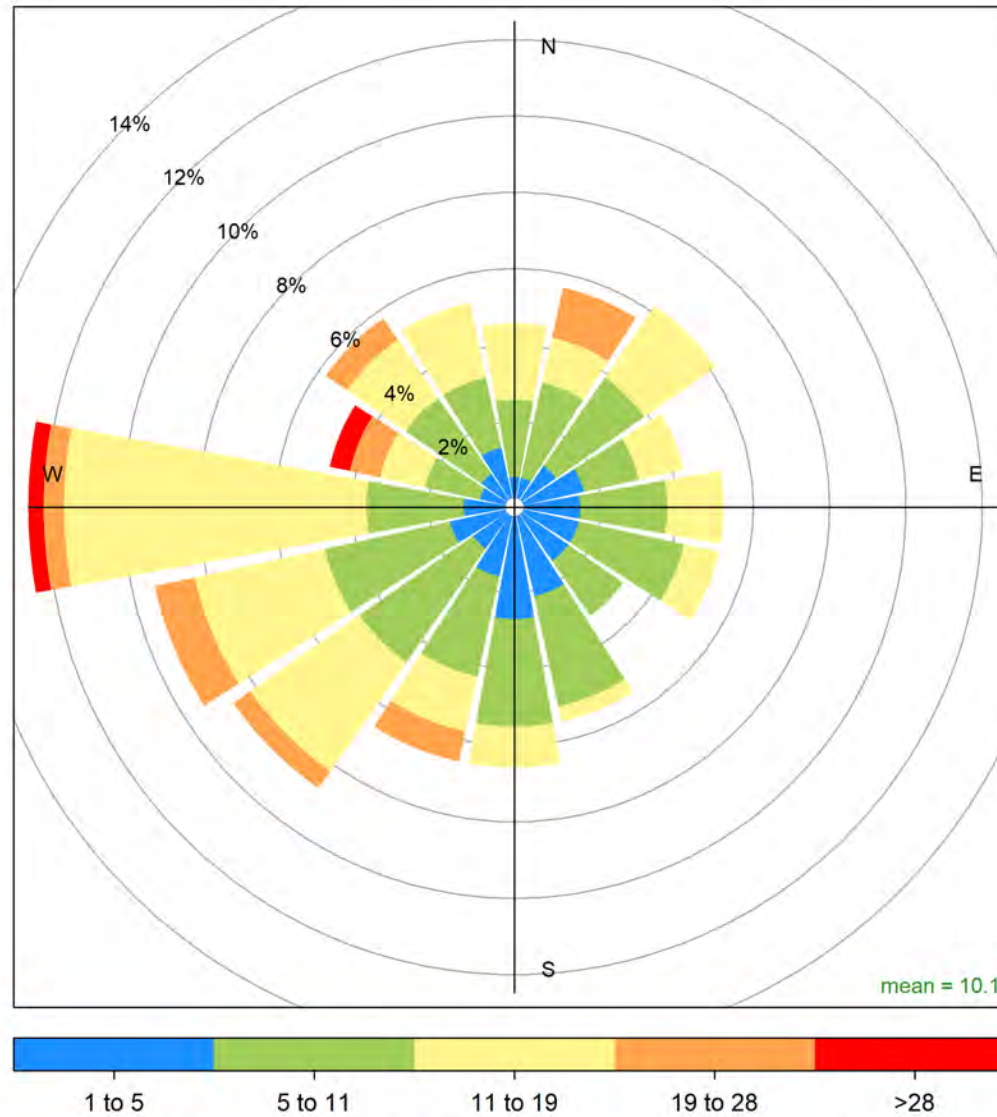


October 2025 Hourly Readings of Wind Direction (in degrees) at Beaverlodge



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Beaverlodge

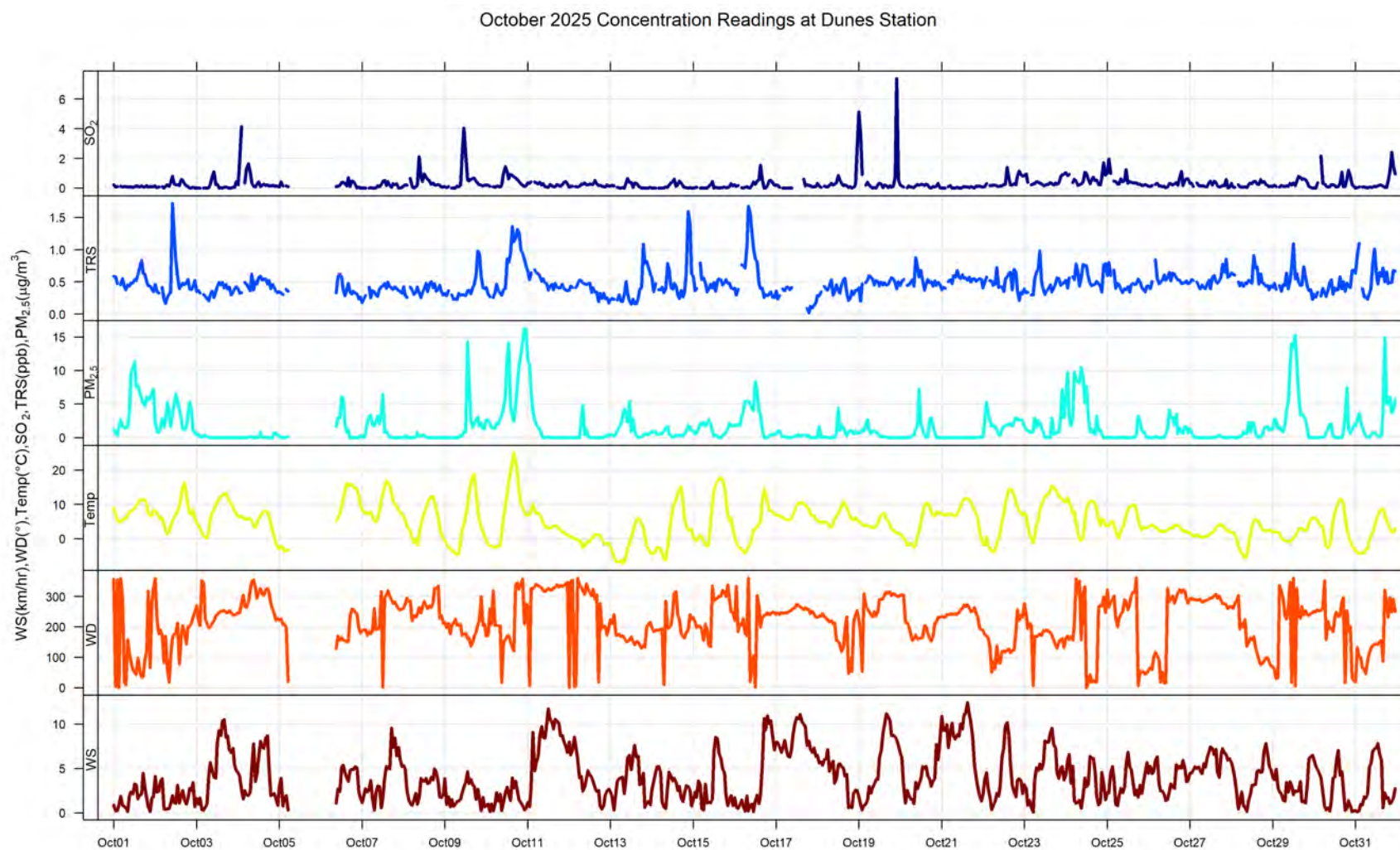




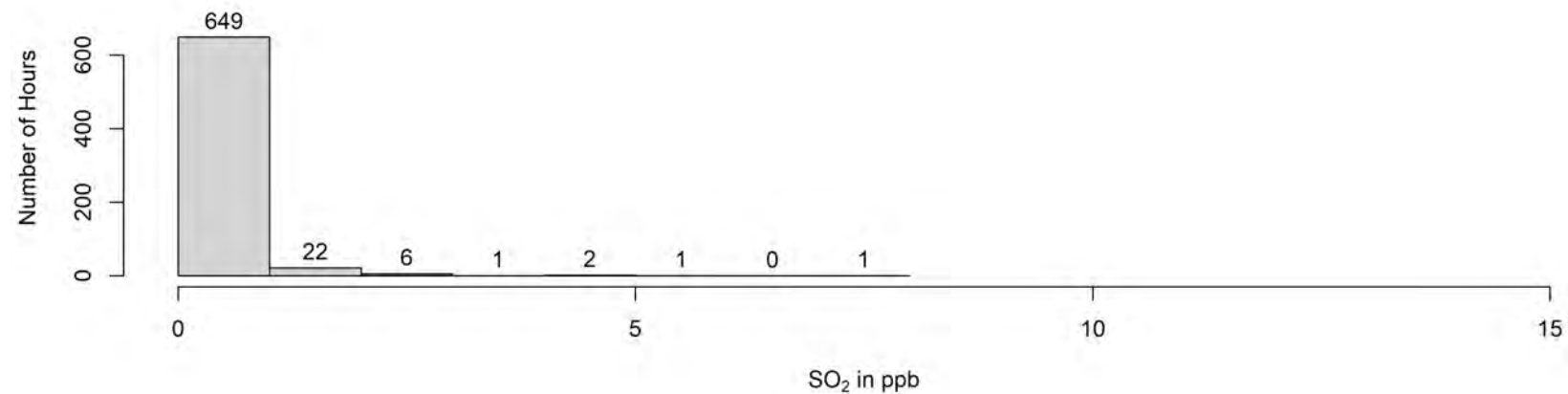
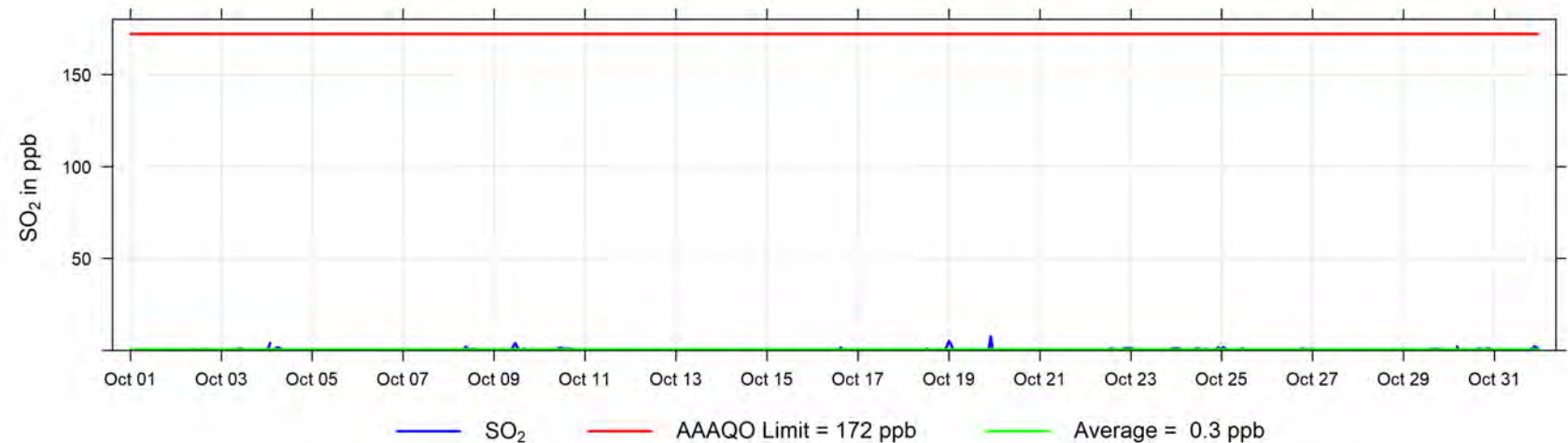
Beaverlodge October 2025 Wind Rose, wind speed in km/hr
Calms (<1km/hr) = 0.7 %

3 Dunes Charts

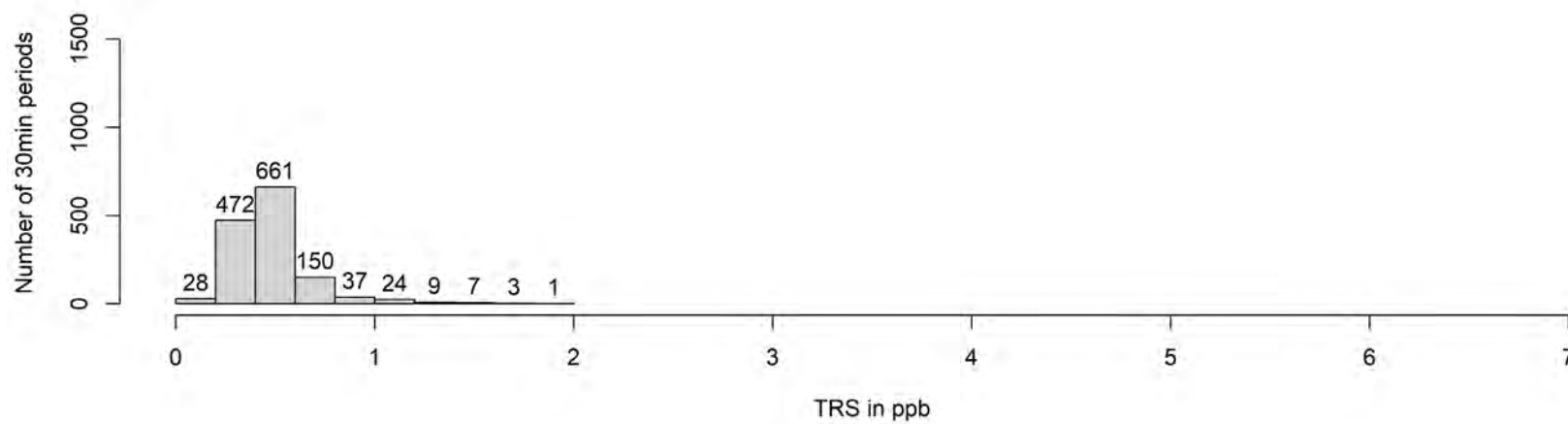
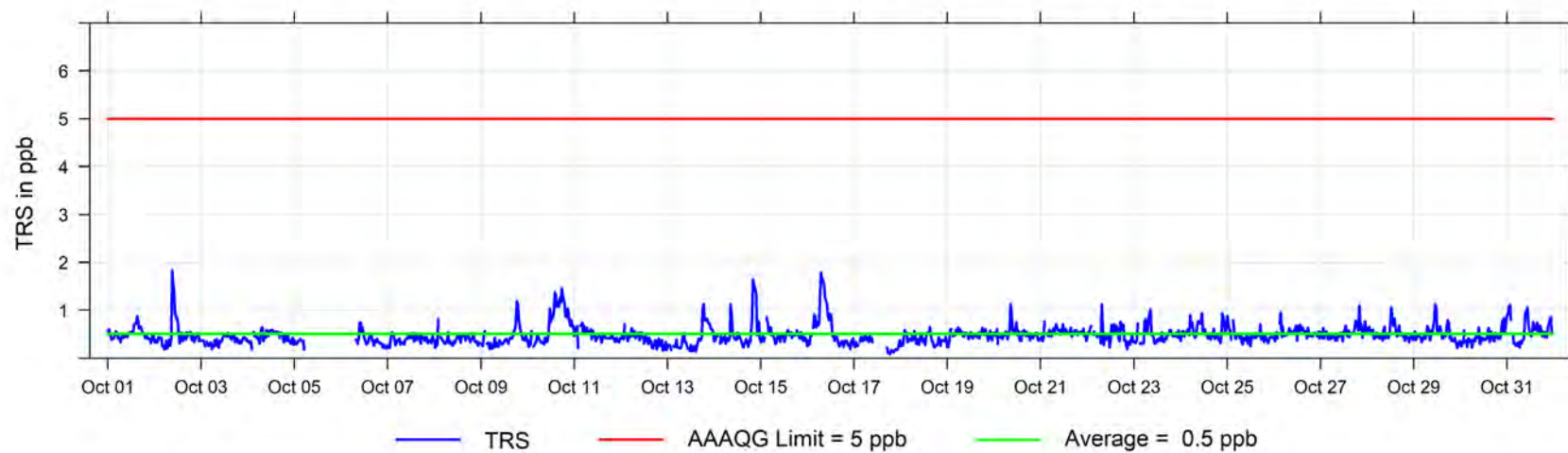
The following pages include the charts and histograms for Dunes Station



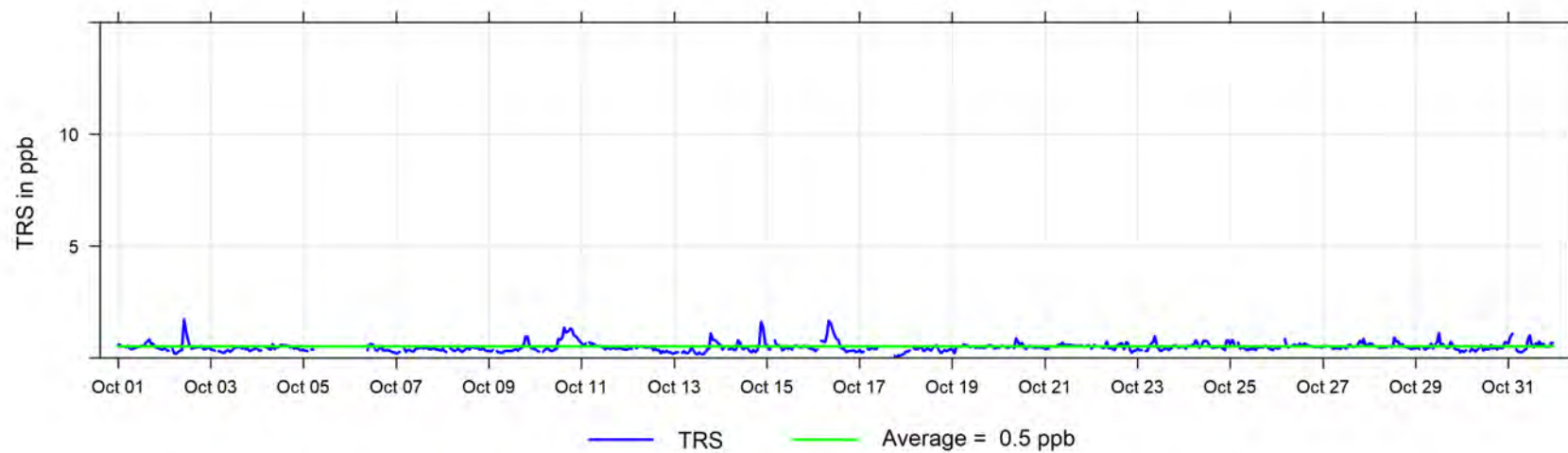
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Dunes



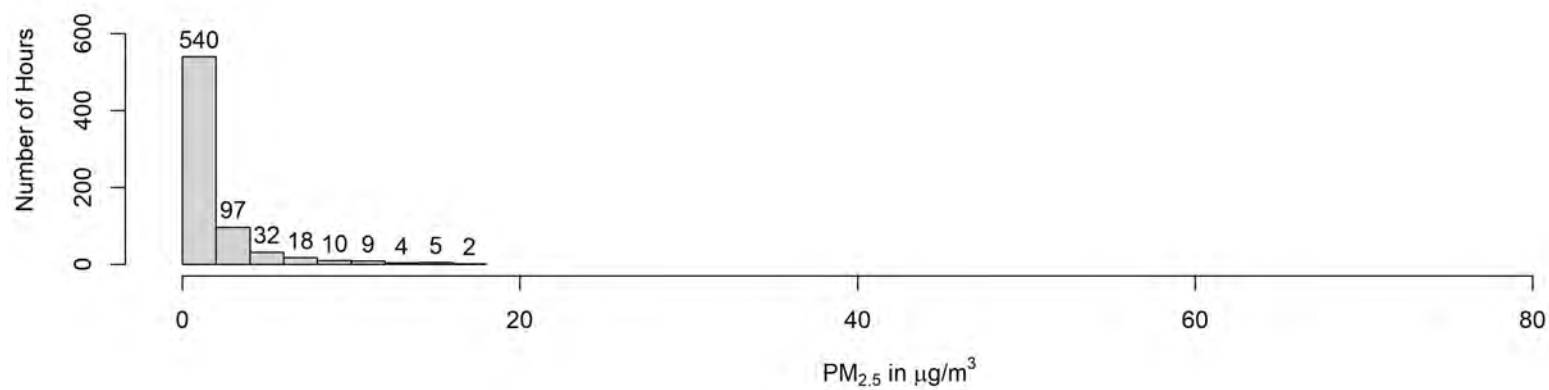
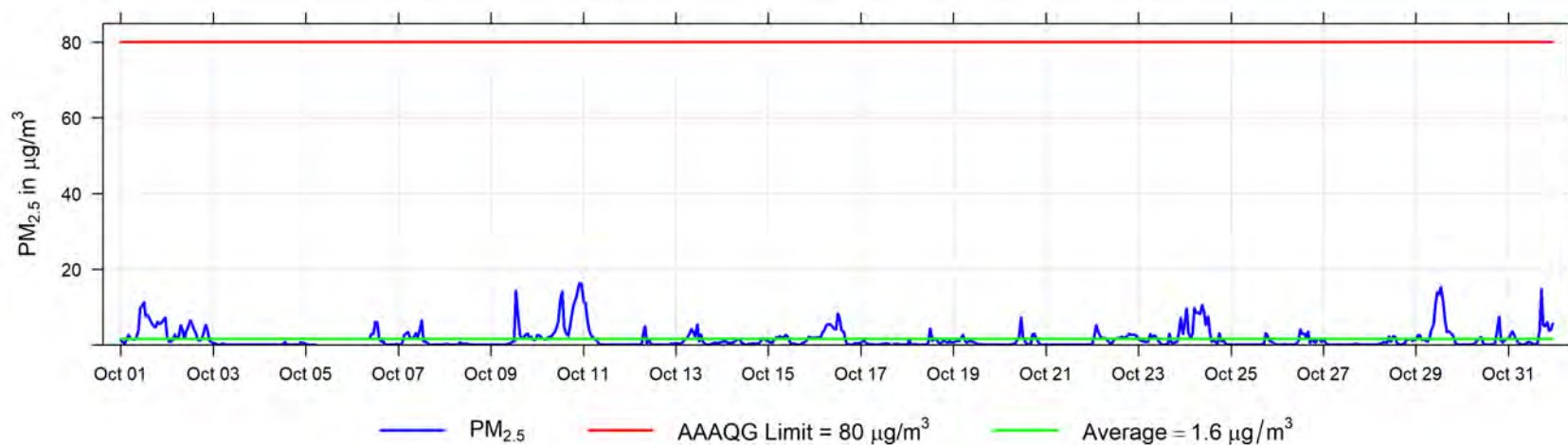
October 2025 30 min Concentration Readings of TRS (in ppb) at Dunes



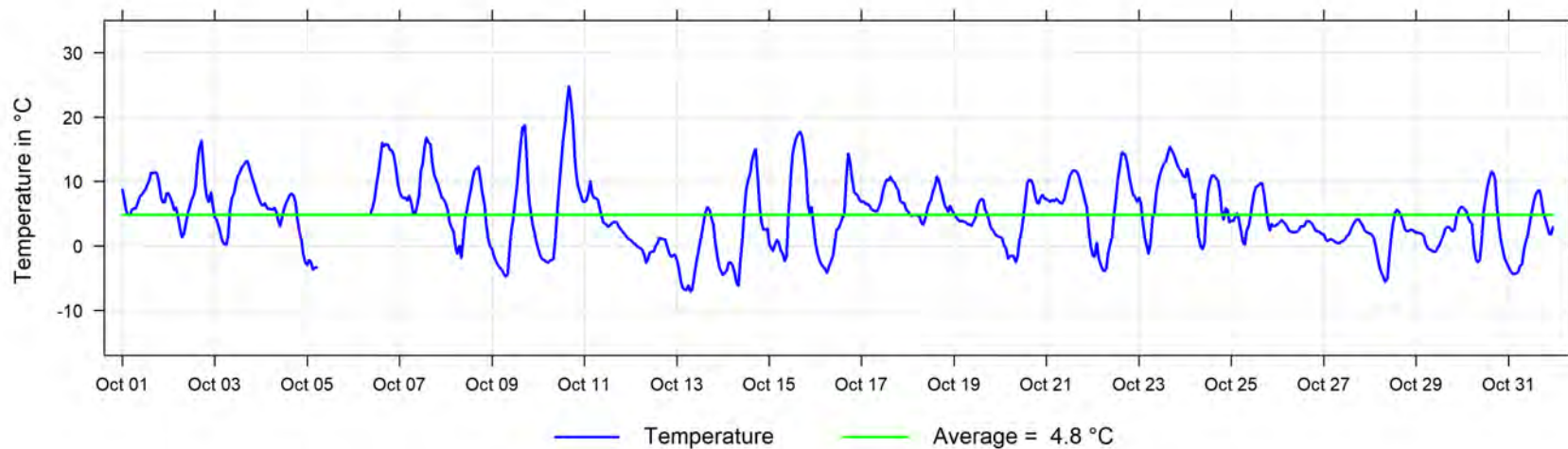
October 2025 Hourly Concentration Readings of TRS (in ppb) at Dunes



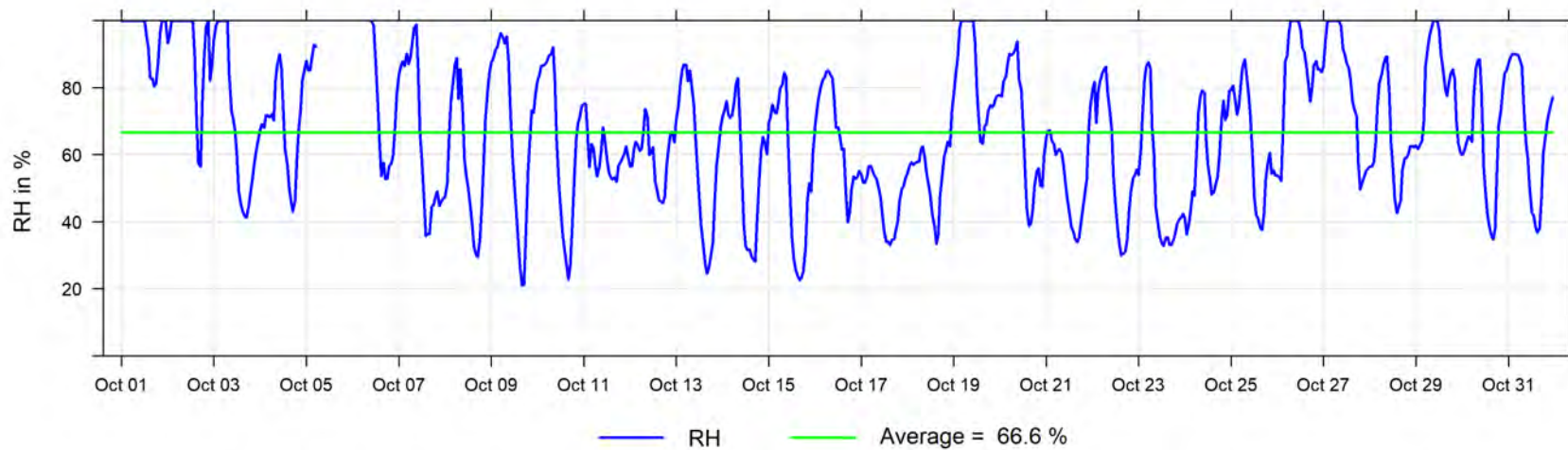
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Dunes



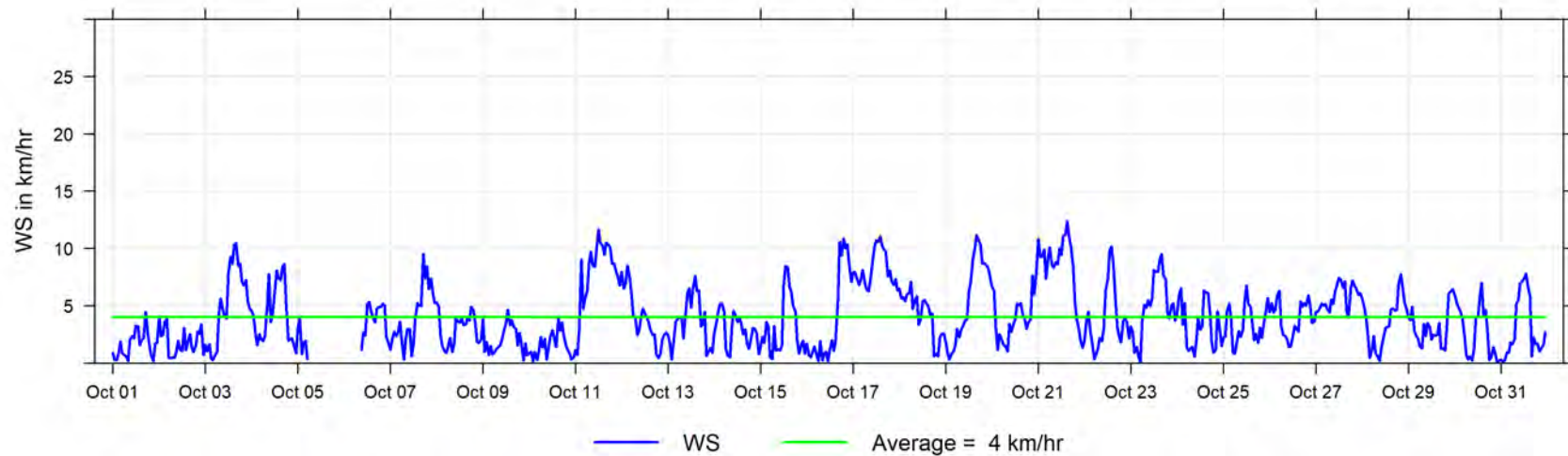
October 2025 Hourly Temperature Readings (in °C) at Dunes



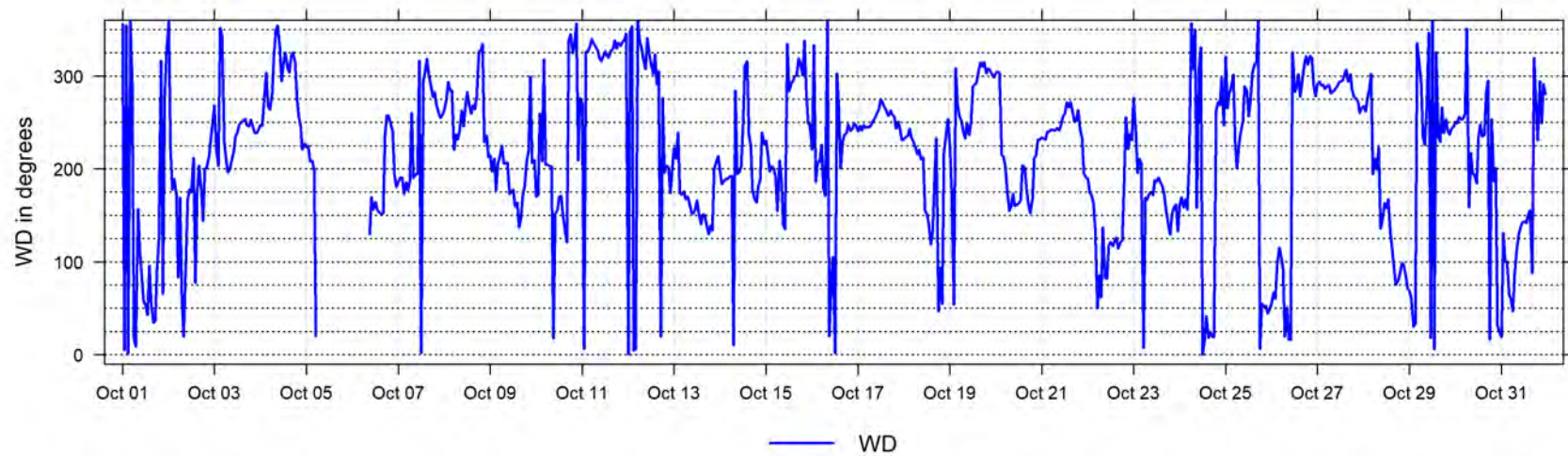
October 2025 Hourly Readings of Relative Humidity (in %) at Dunes



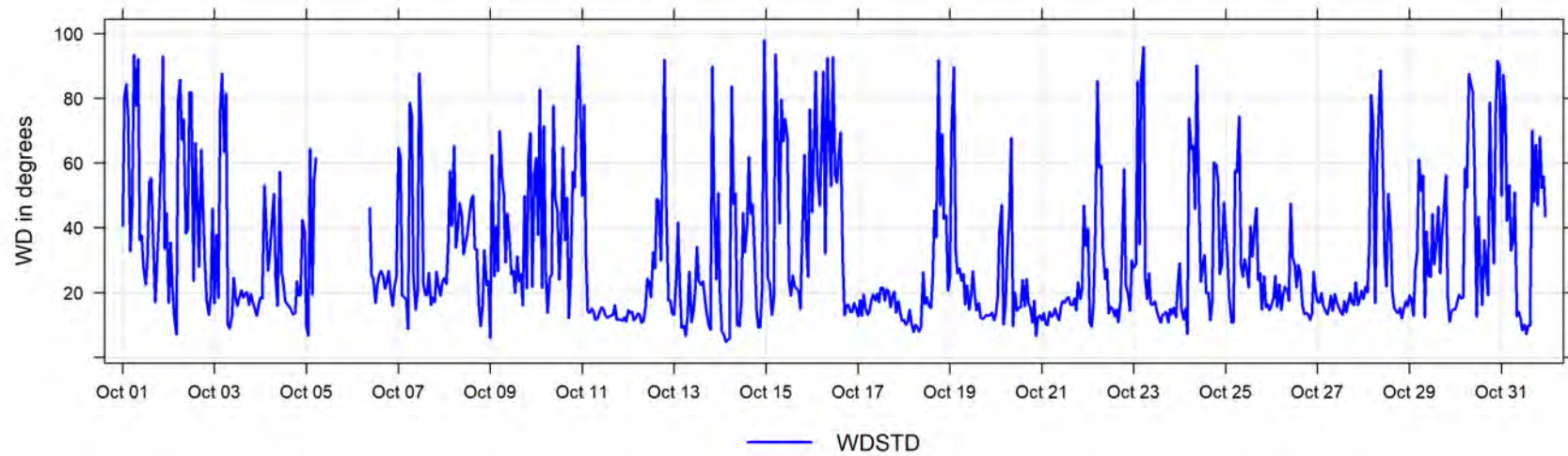
October 2025 Hourly Readings of Wind Speed (in km/hr) at Dunes

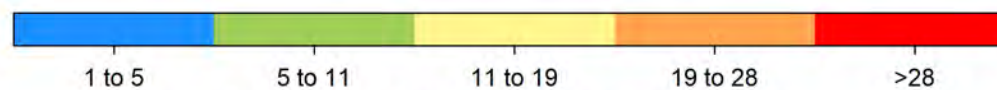
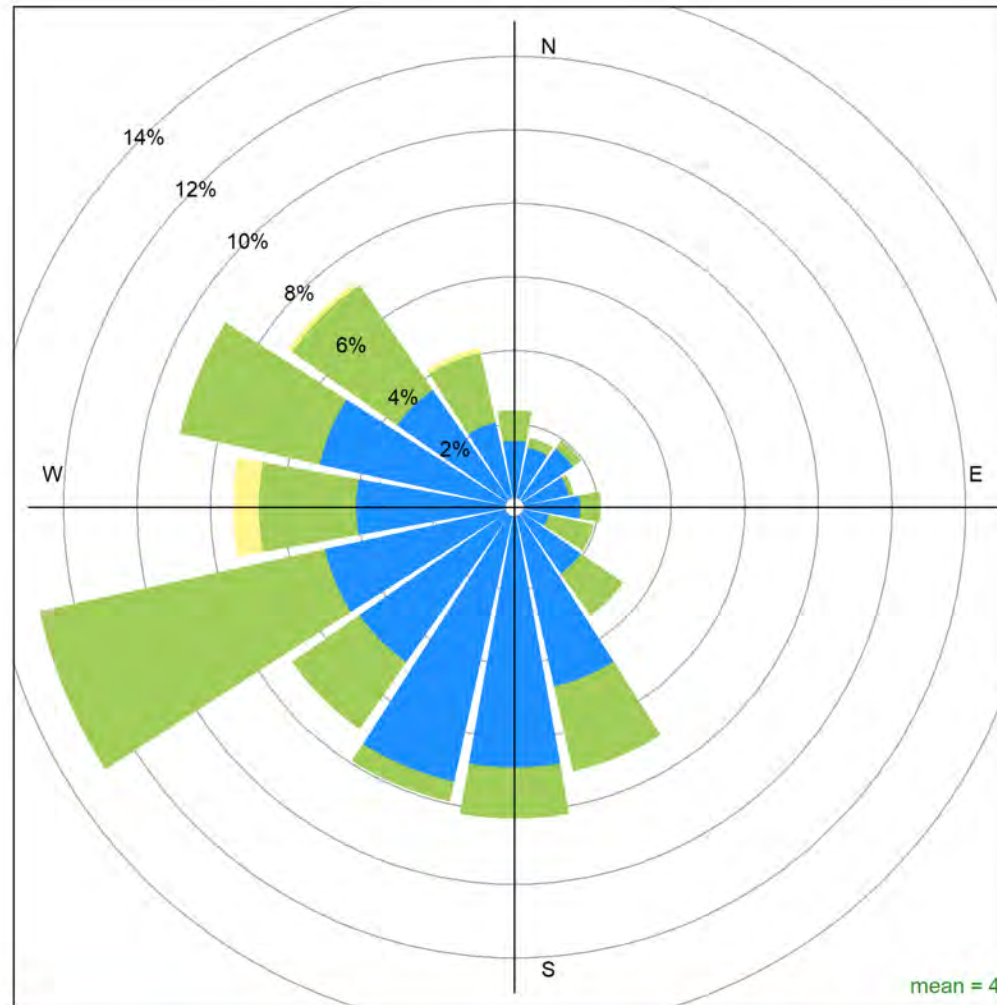


October 2025 Hourly Readings of Wind Direction (in degrees) at Dunes



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Dunes





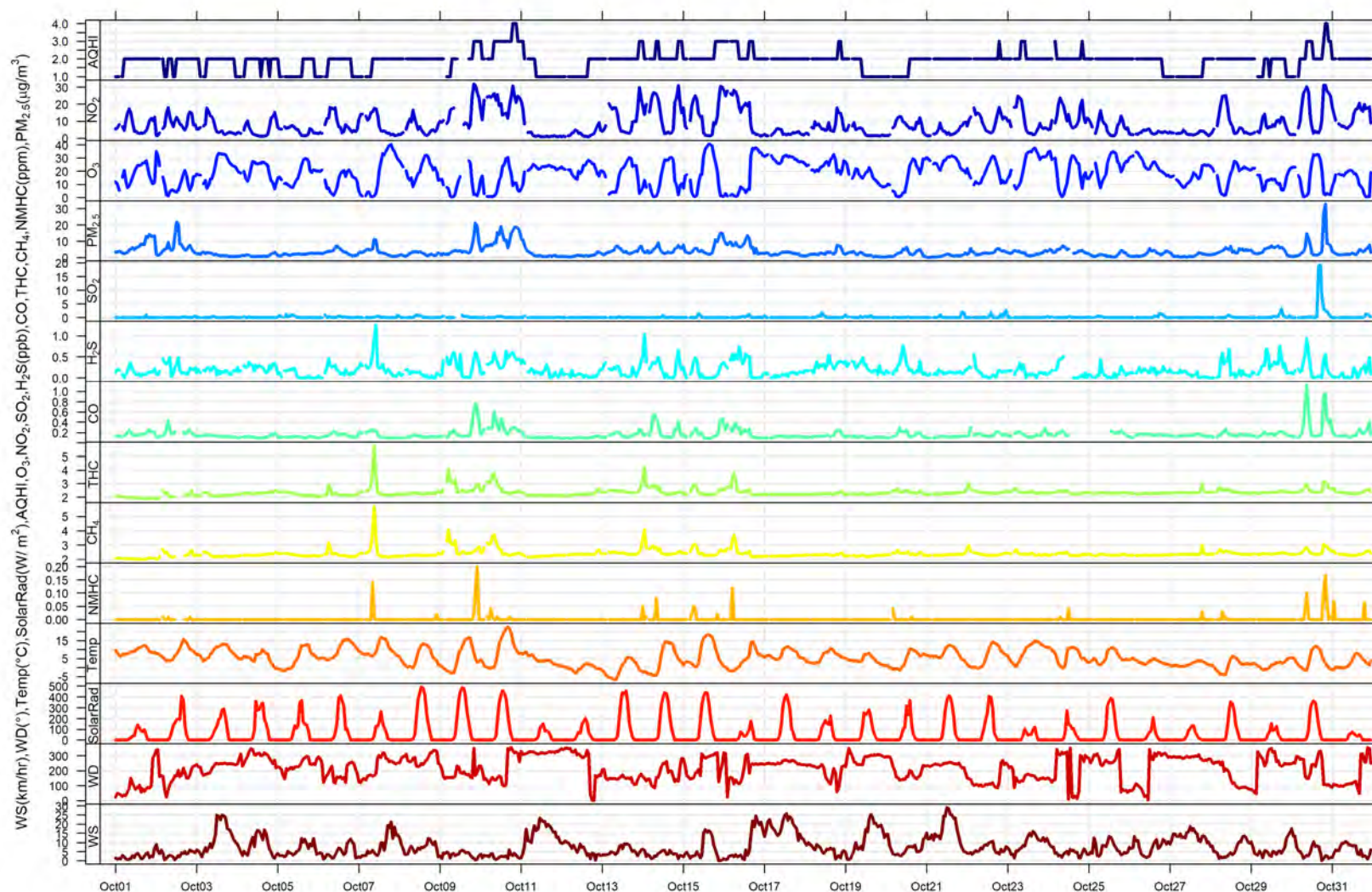
Dunes October 2025 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 14.1 %

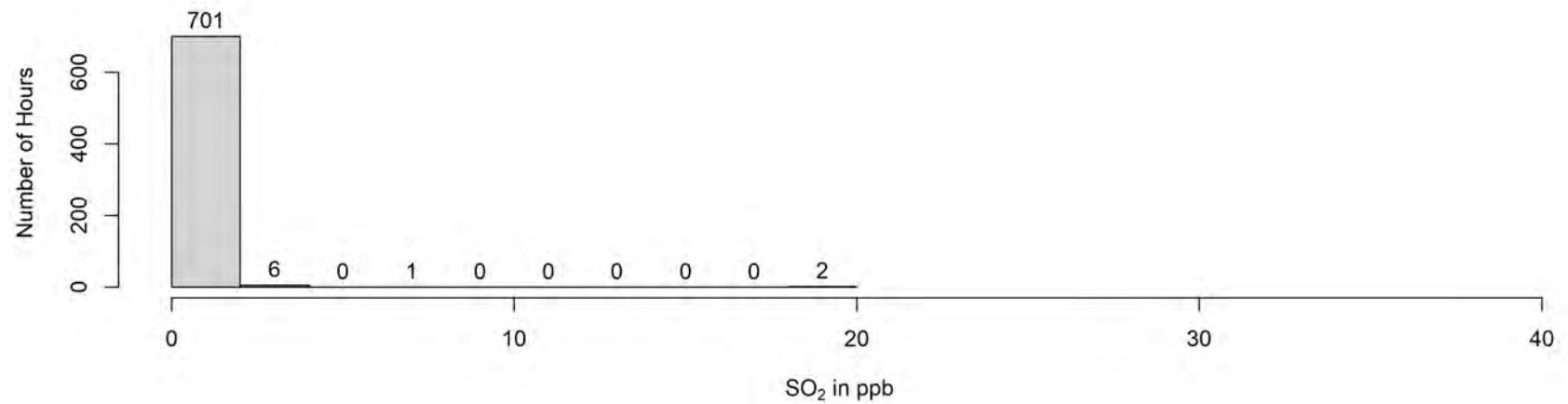
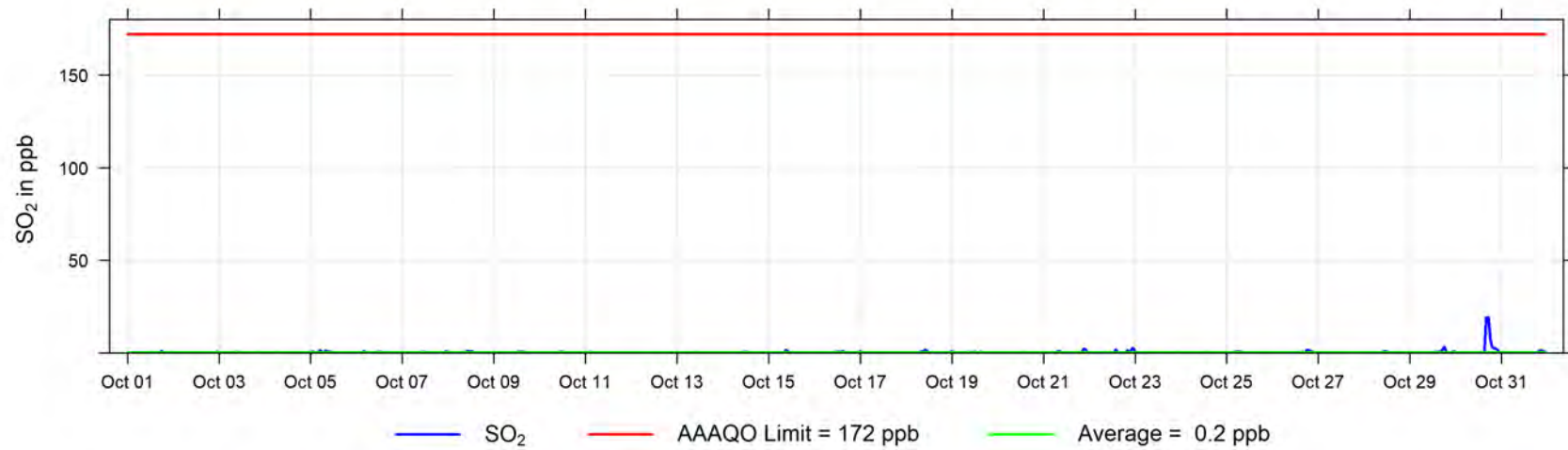
4 Grande Prairie - Henry Pirker Charts

The following pages include the charts and histograms for Henry Pirker Station in Grande Prairie

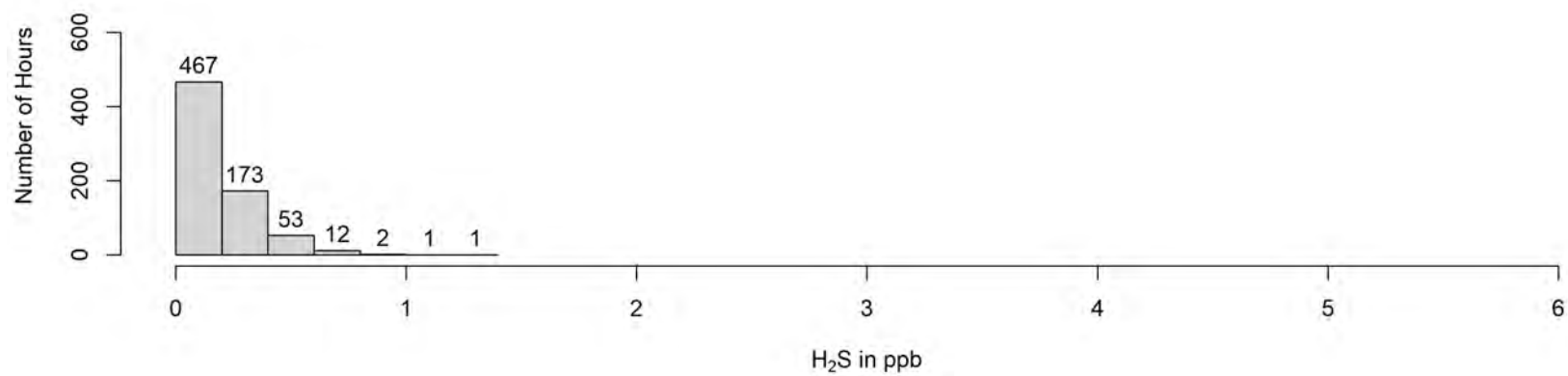
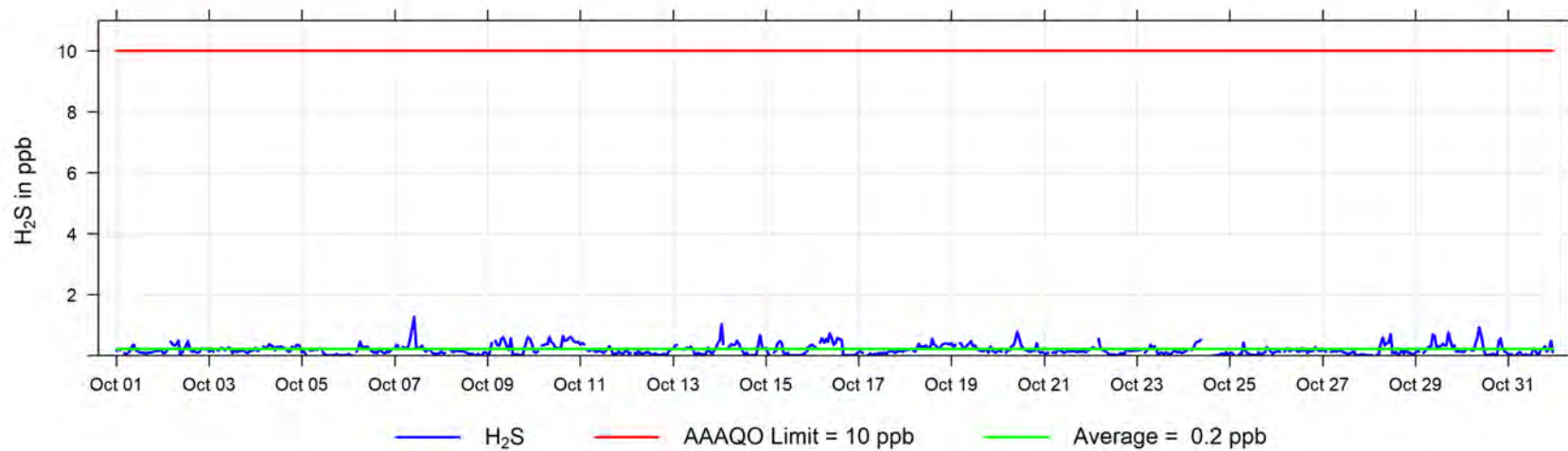
October 2025 Concentration Readings at Henry Pirker Station



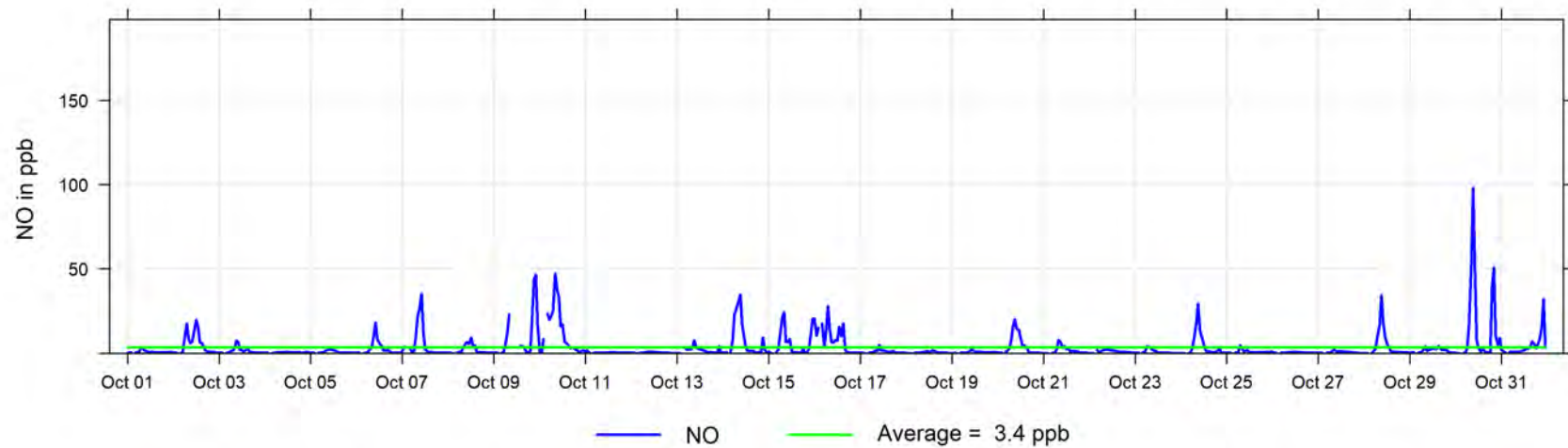
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Henry Pirker



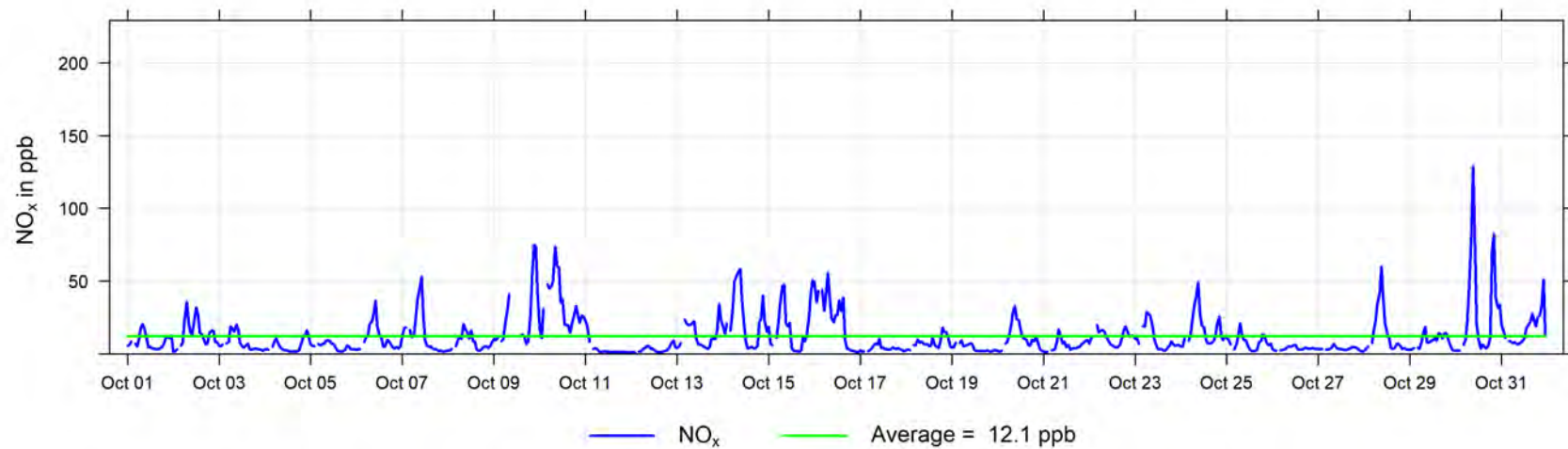
October 2025 Hourly Concentration Readings of H₂S (in ppb) at Henry Pirker



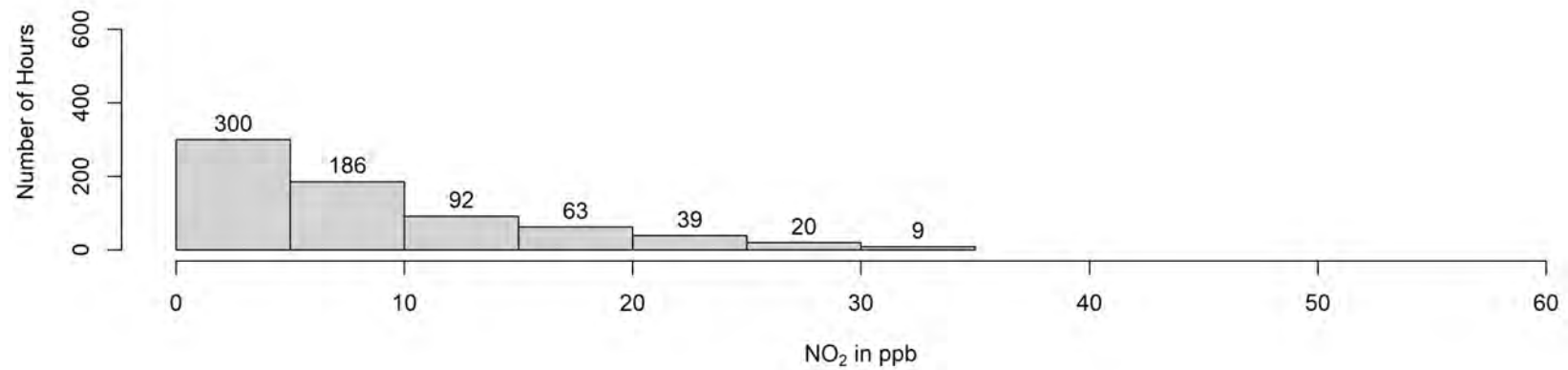
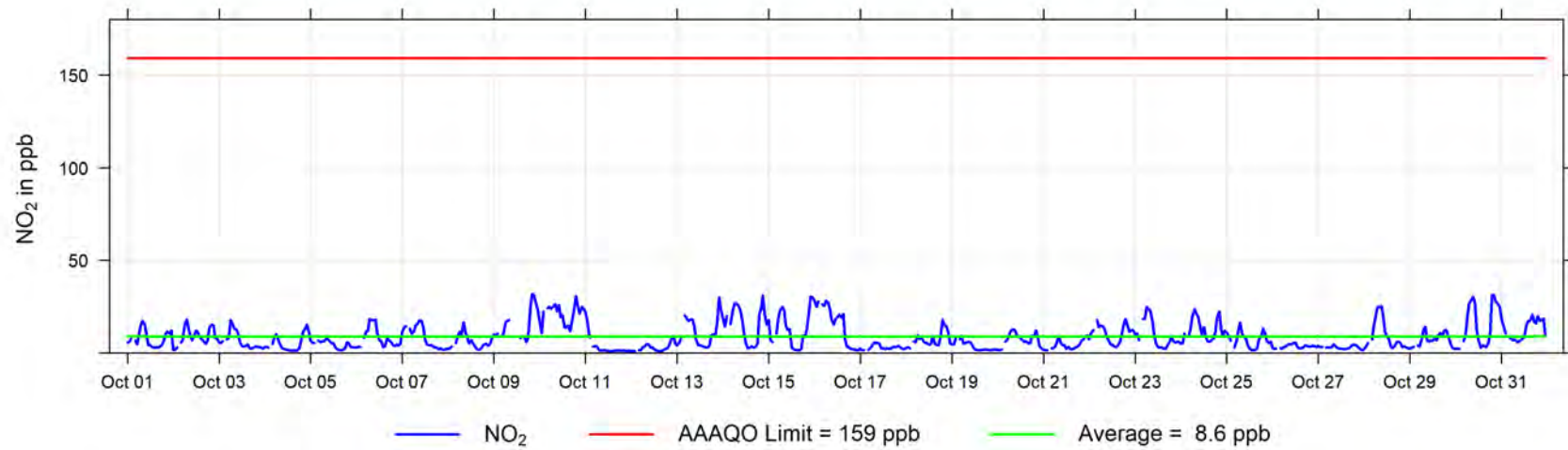
October 2025 Hourly Concentration Readings of NO (in ppb) at Henry Pirker



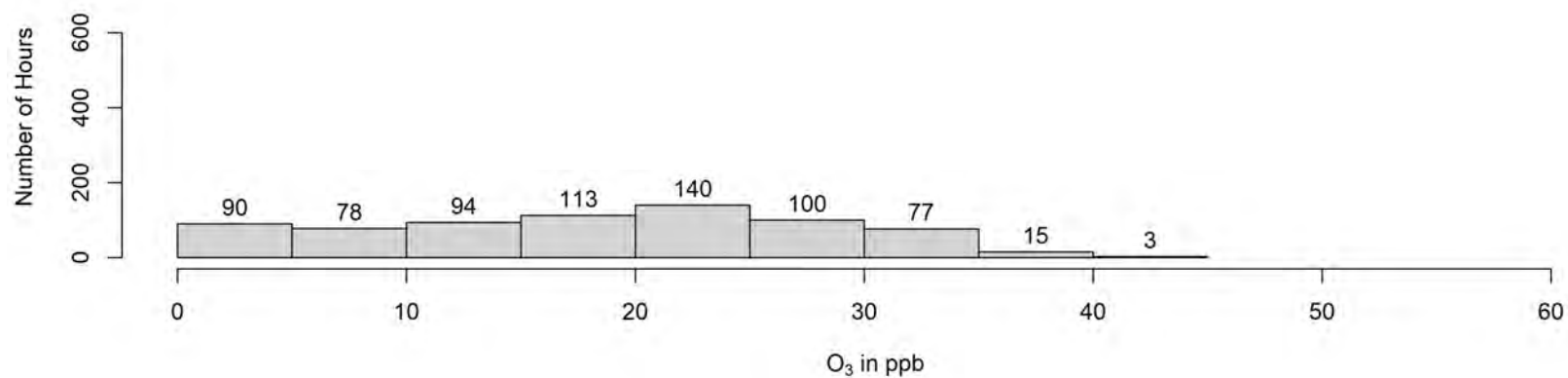
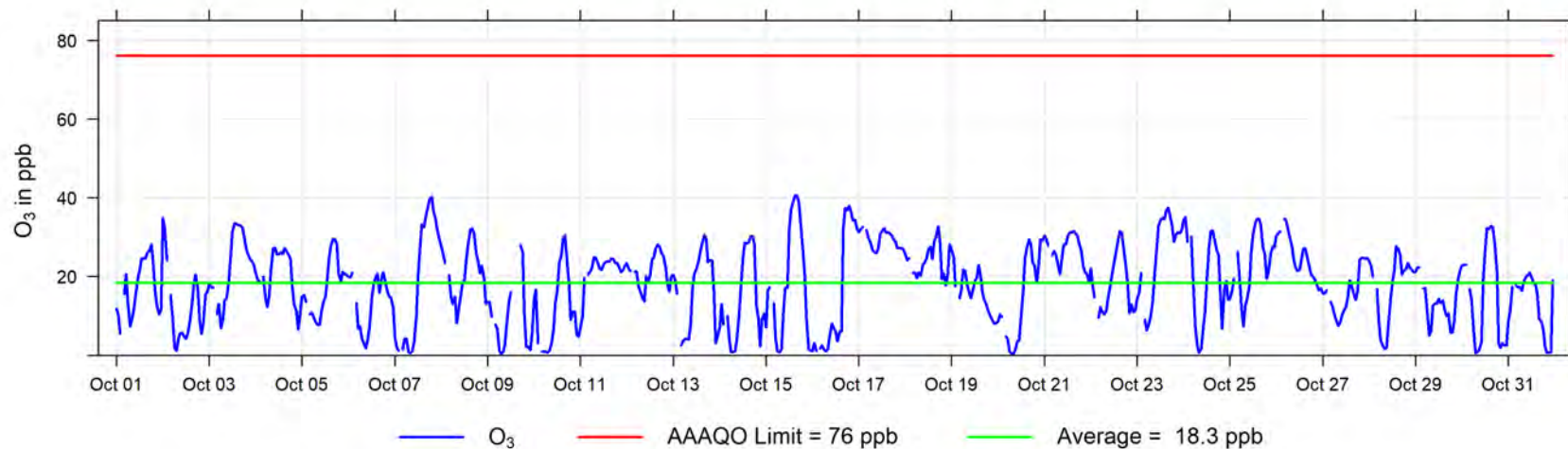
October 2025 Hourly Concentration Readings of NO_x (in ppb) at Henry Pirker



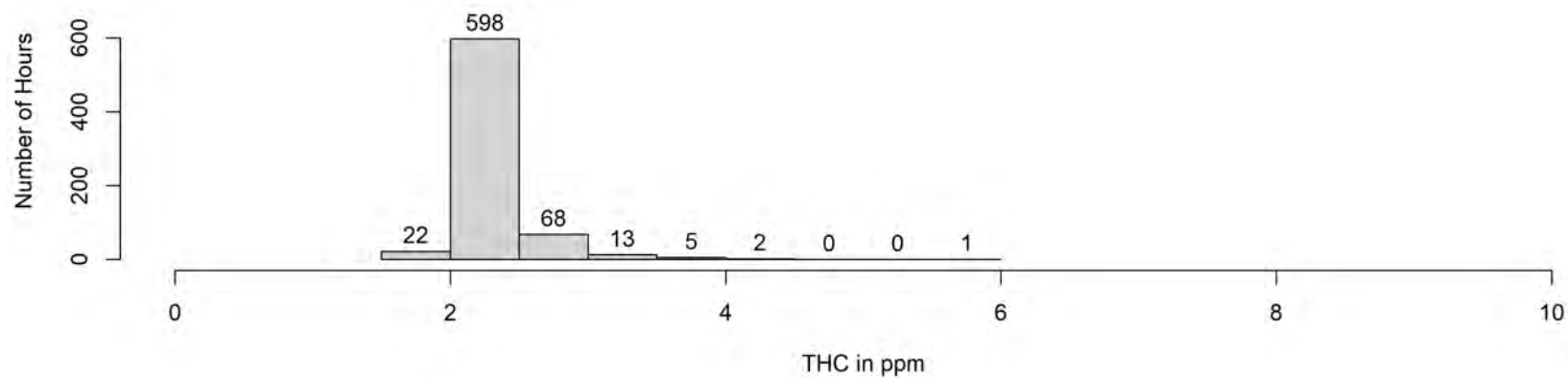
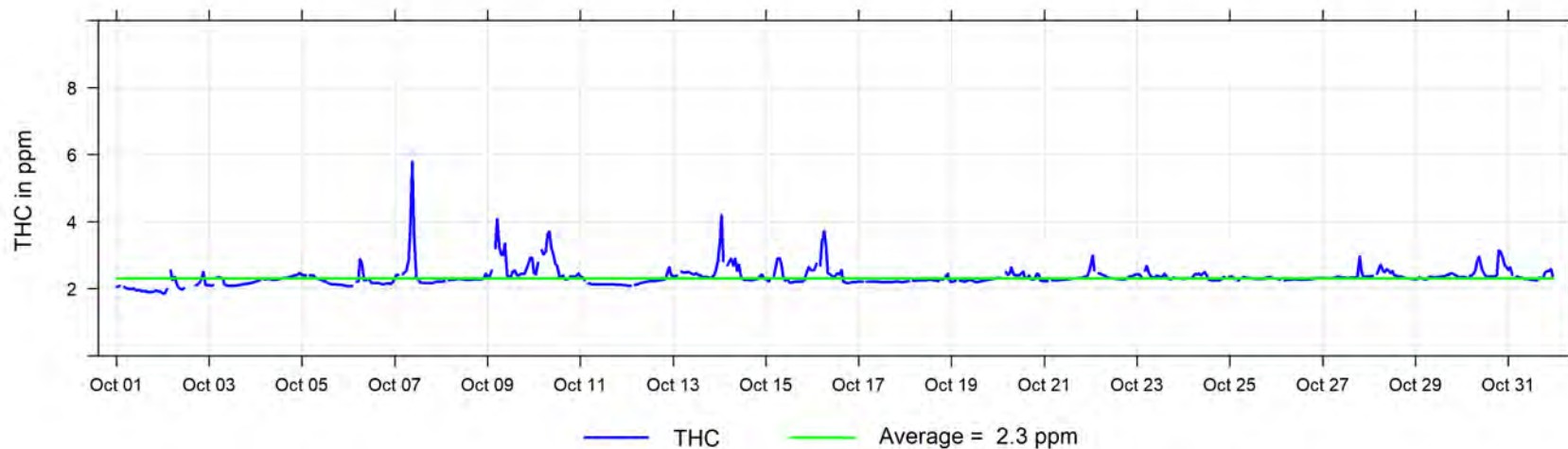
October 2025 Hourly Concentration Readings of NO₂ (in ppb) at Henry Pirker



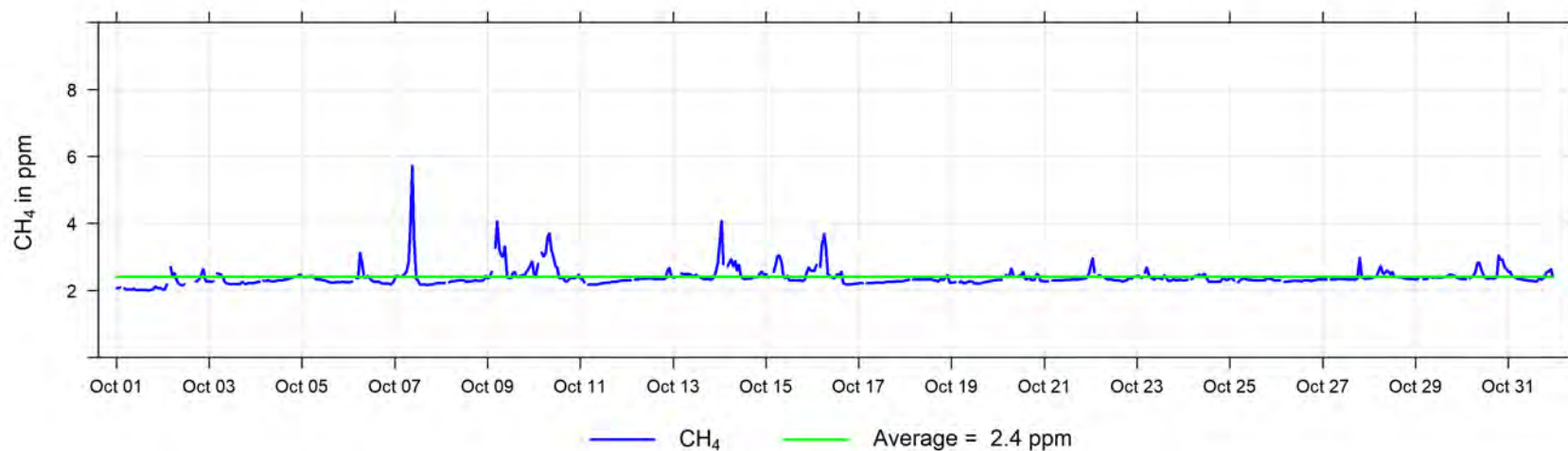
October 2025 Hourly Concentration Readings of O₃ (in ppb) at Henry Pirker



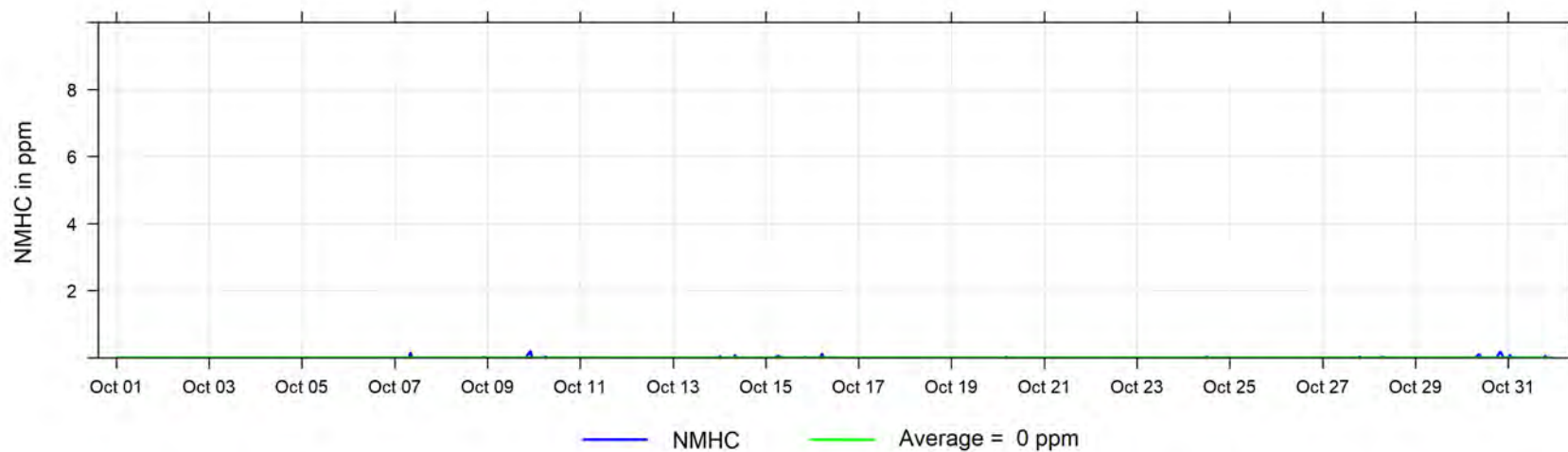
October 2025 Hourly Concentration Readings of THC (in ppm) at Henry Pirker



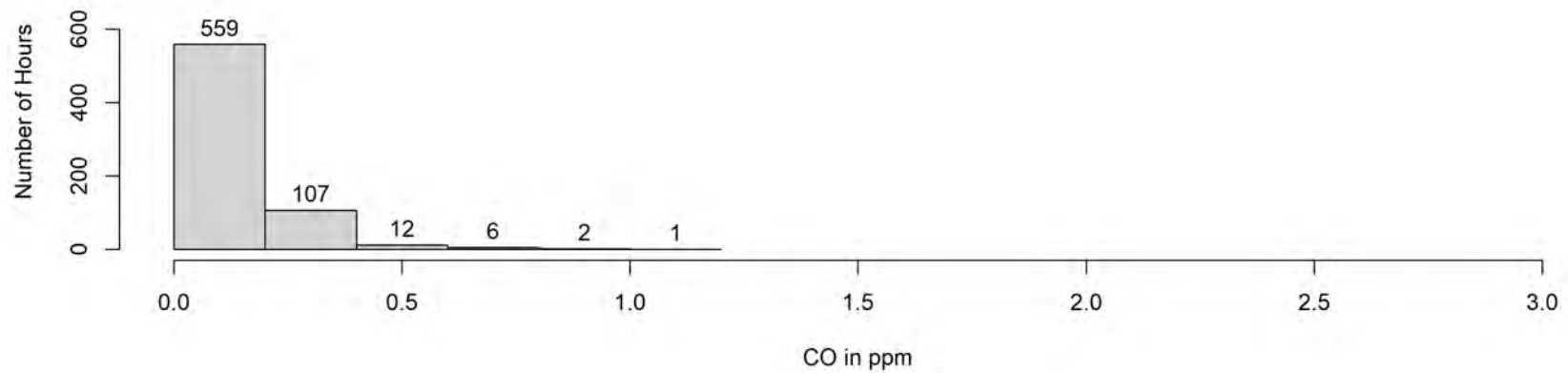
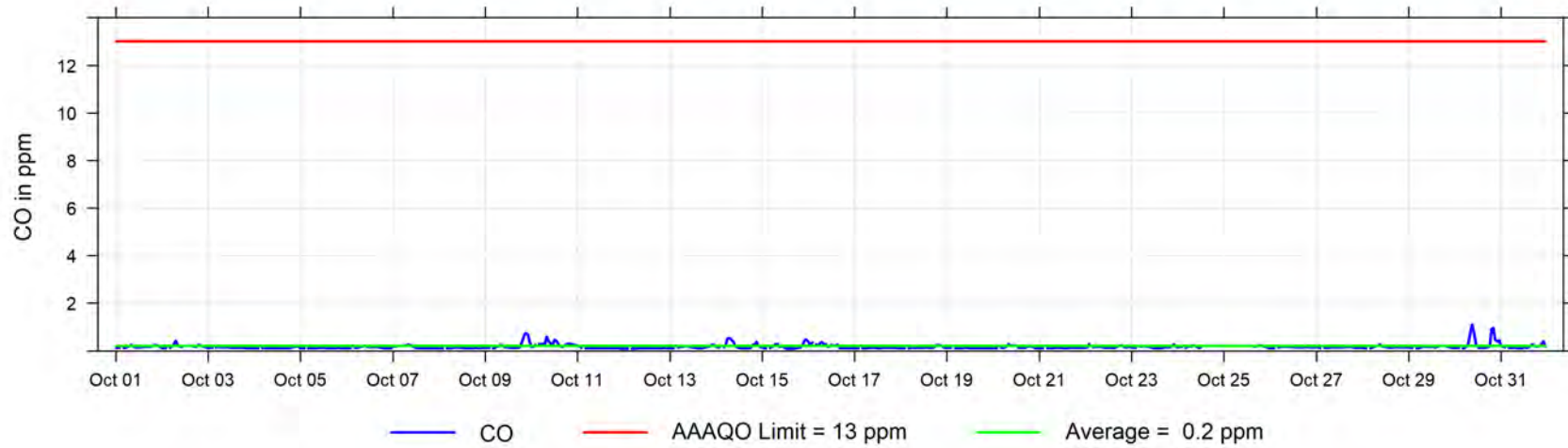
October 2025 Hourly Concentration Readings of CH₄ (in ppm) at Henry Pirker



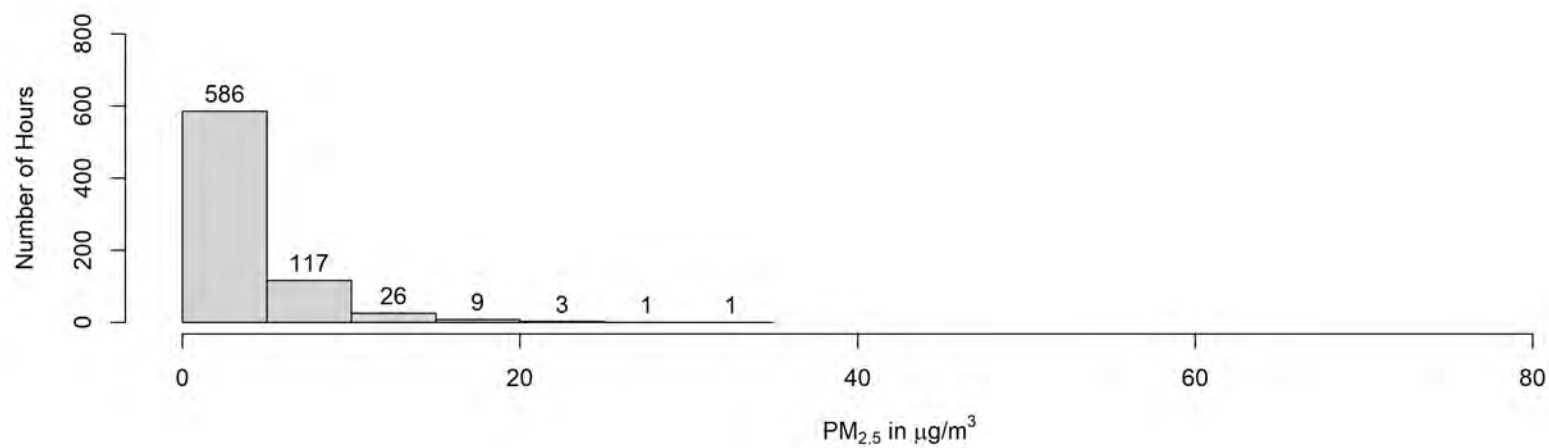
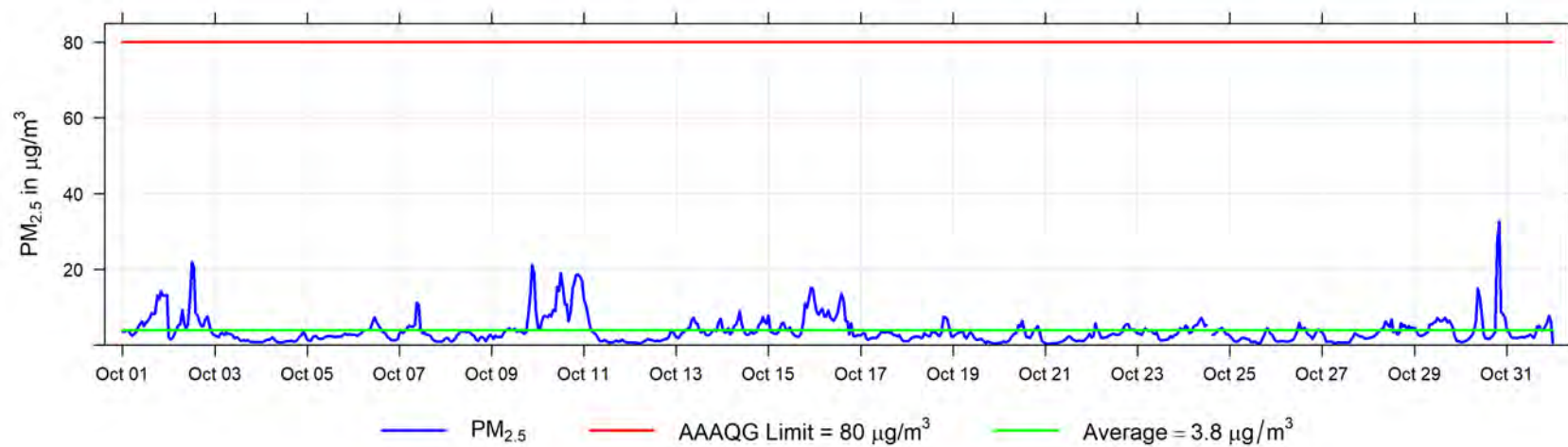
October 2025 Hourly Concentration Readings of NMHC (in ppm) at Henry Pirker



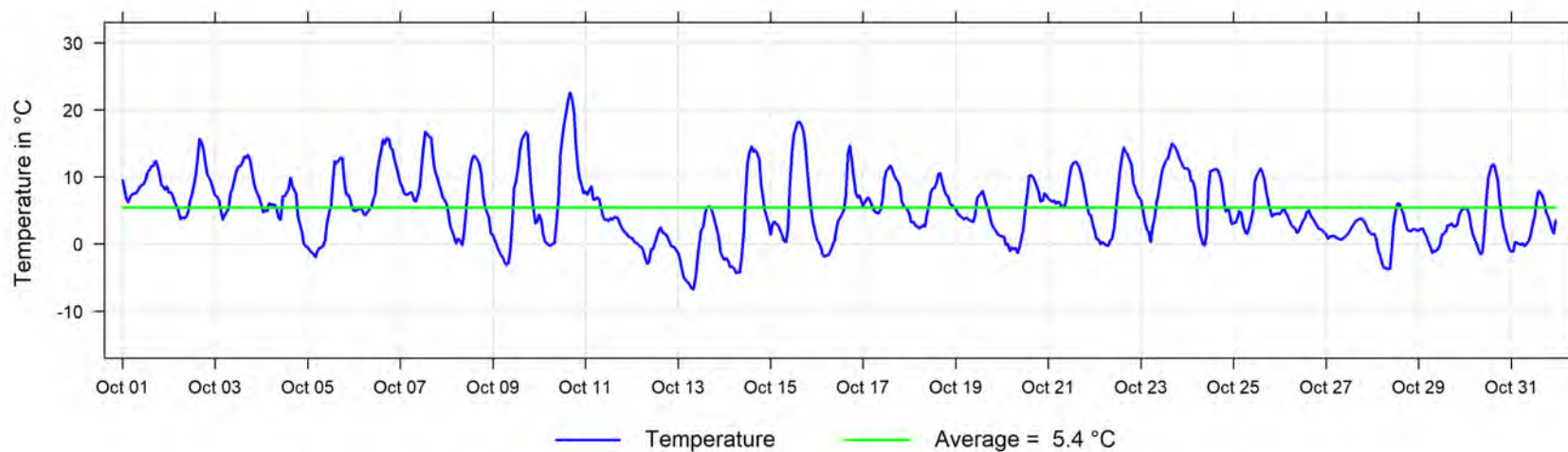
October 2025 Hourly Concentration Readings of CO (in ppm) at Henry Pirker



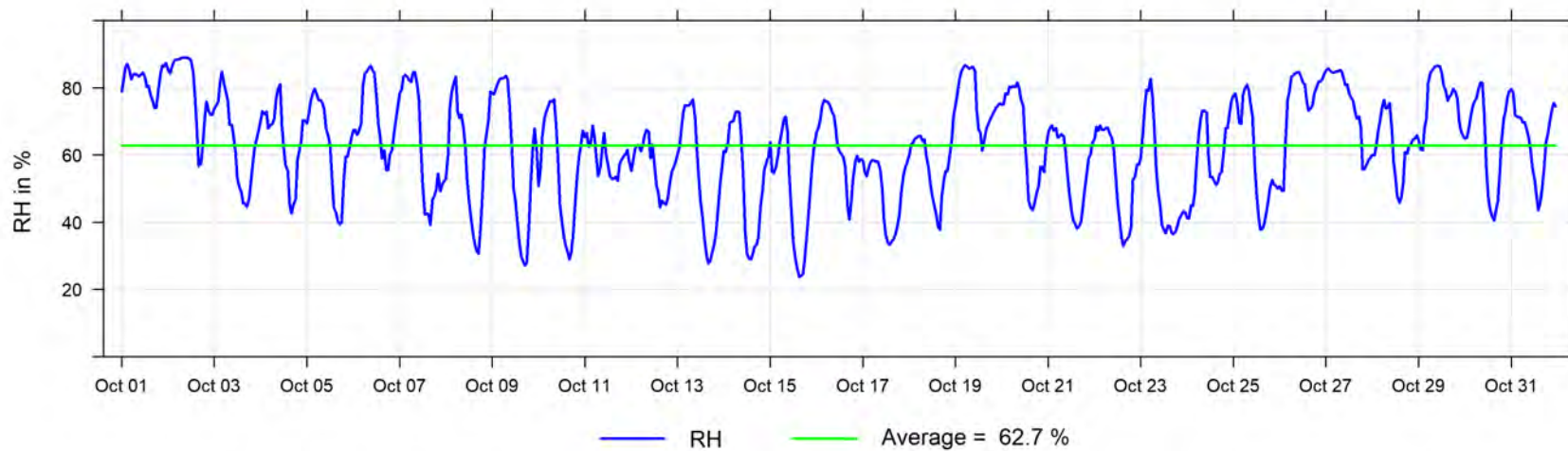
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Henry Pirker



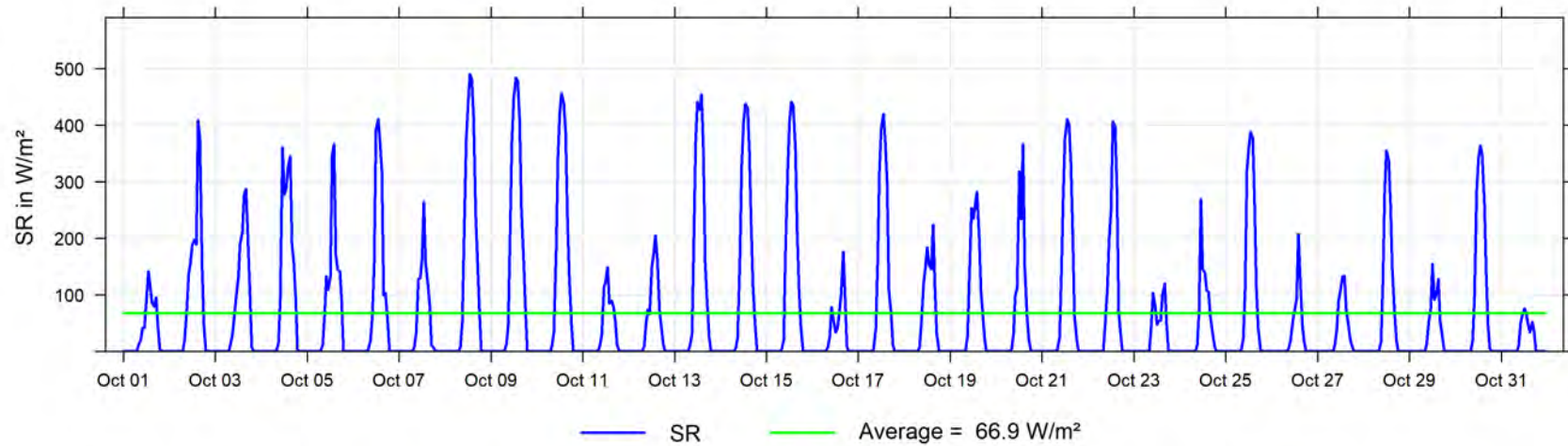
October 2025 Hourly Temperature Readings (in °C) at Henry Pirker



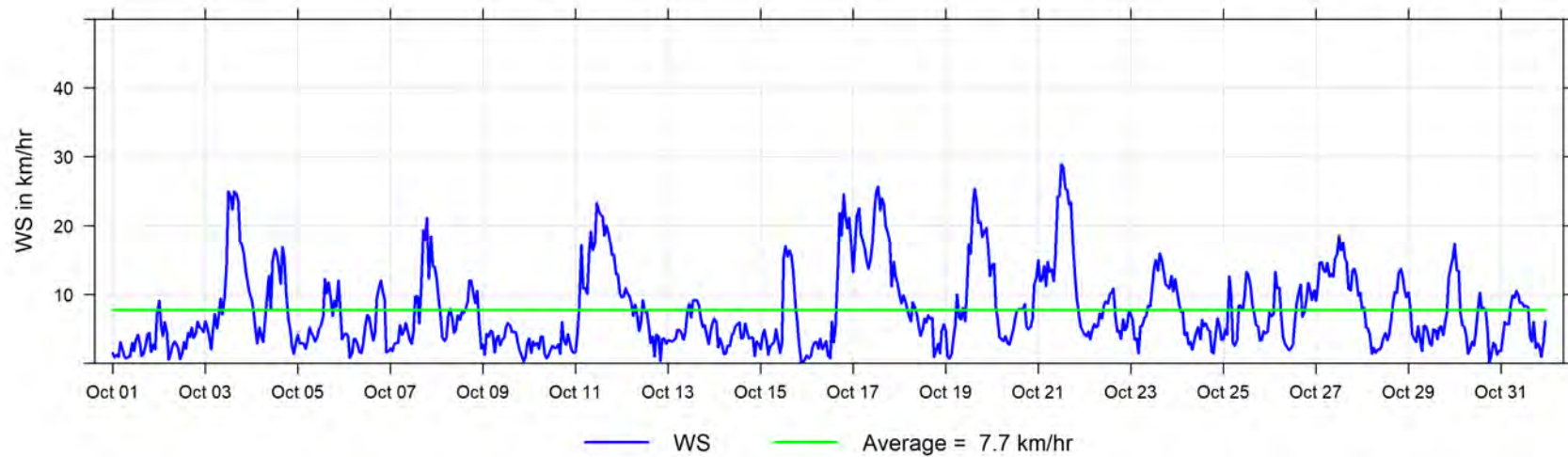
October 2025 Hourly Readings of Relative Humidity (in %) at Henry Pirker



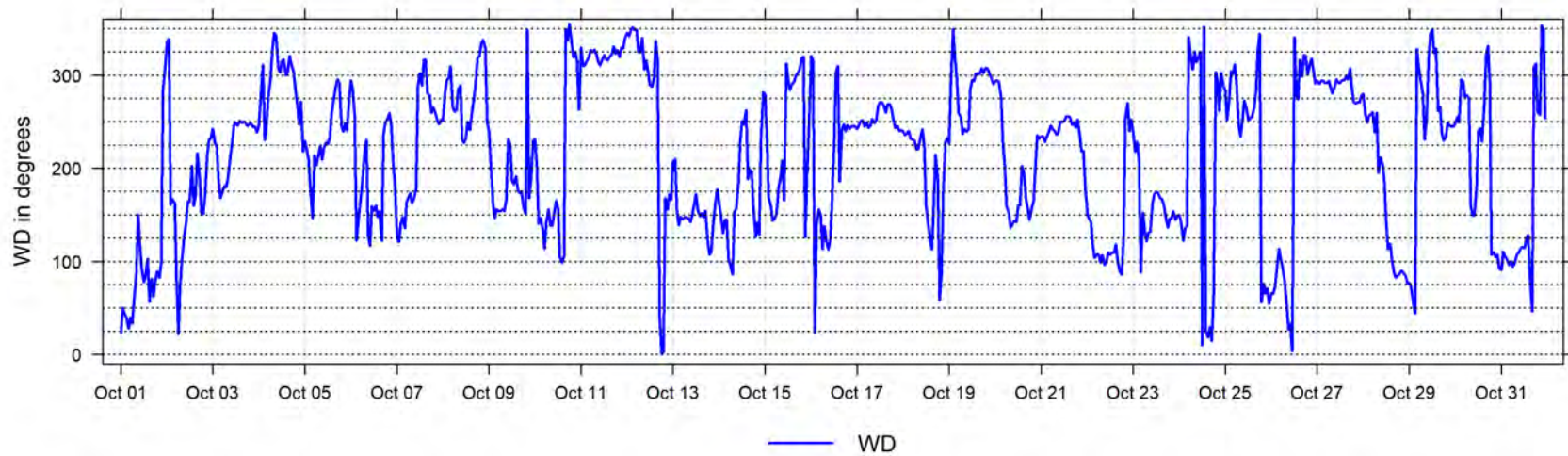
October 2025 Hourly Readings of Solar Radiation (in W/m²) at Henry Pirker



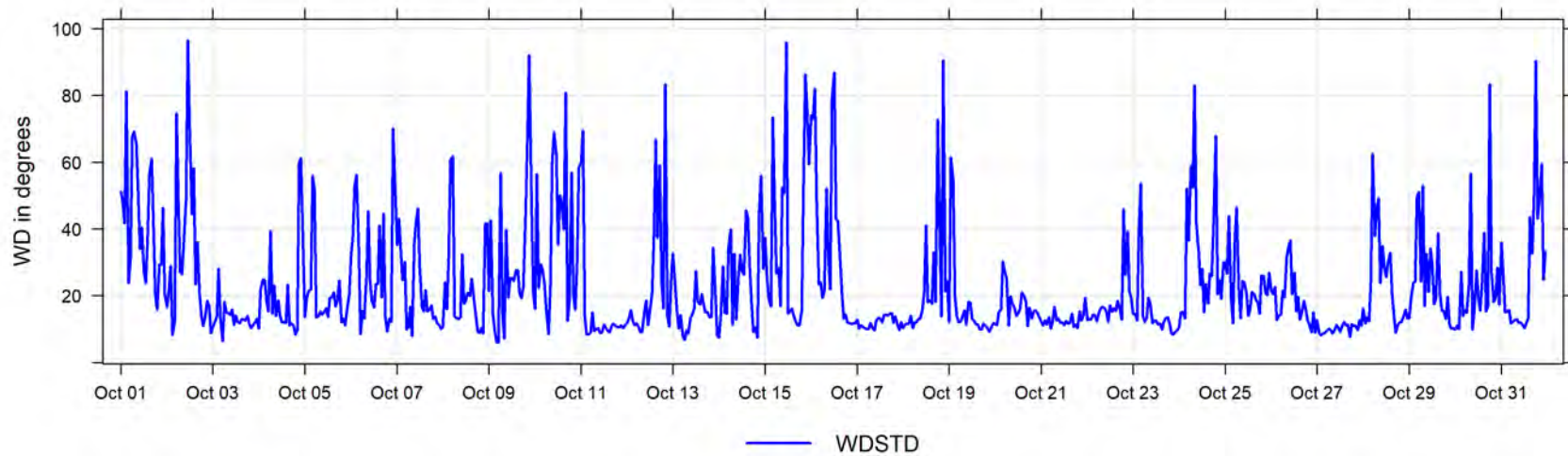
October 2025 Hourly Readings of Wind Speed (in km/hr) at Henry Pirker

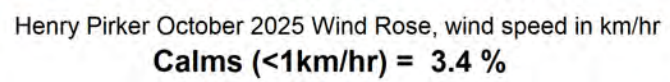


October 2025 Hourly Readings of Wind Direction (in degrees) at Henry Pirker



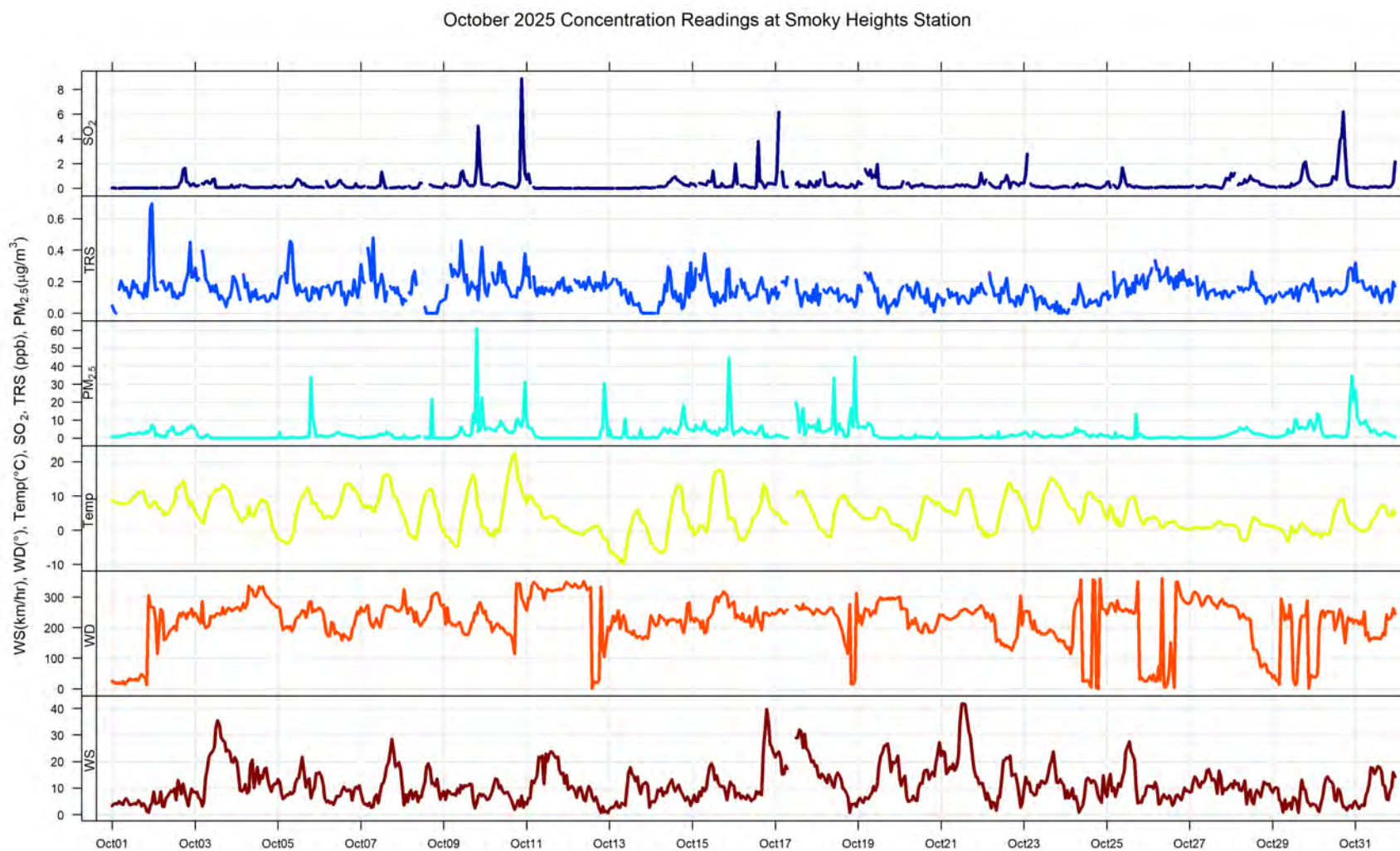
October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Henry Pirker



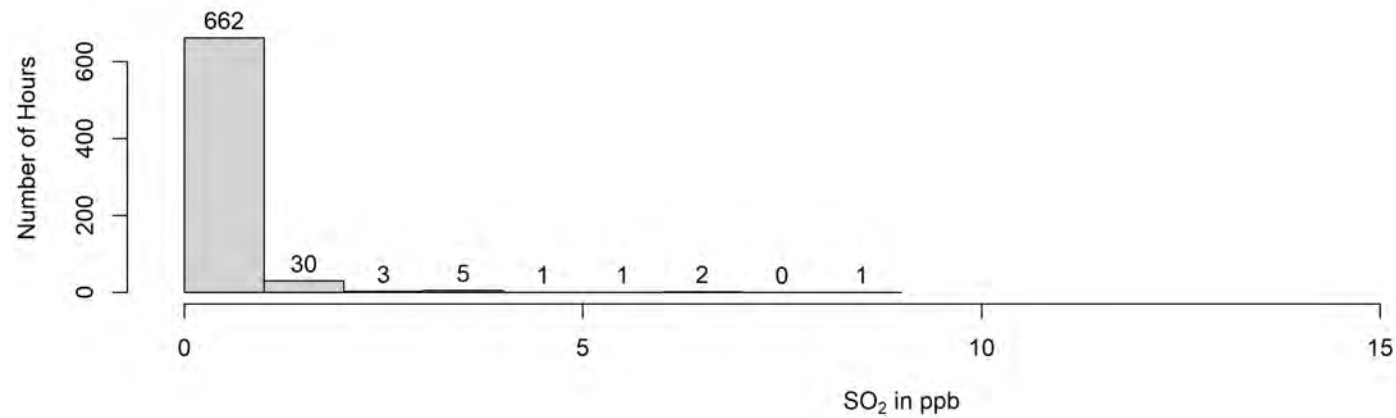
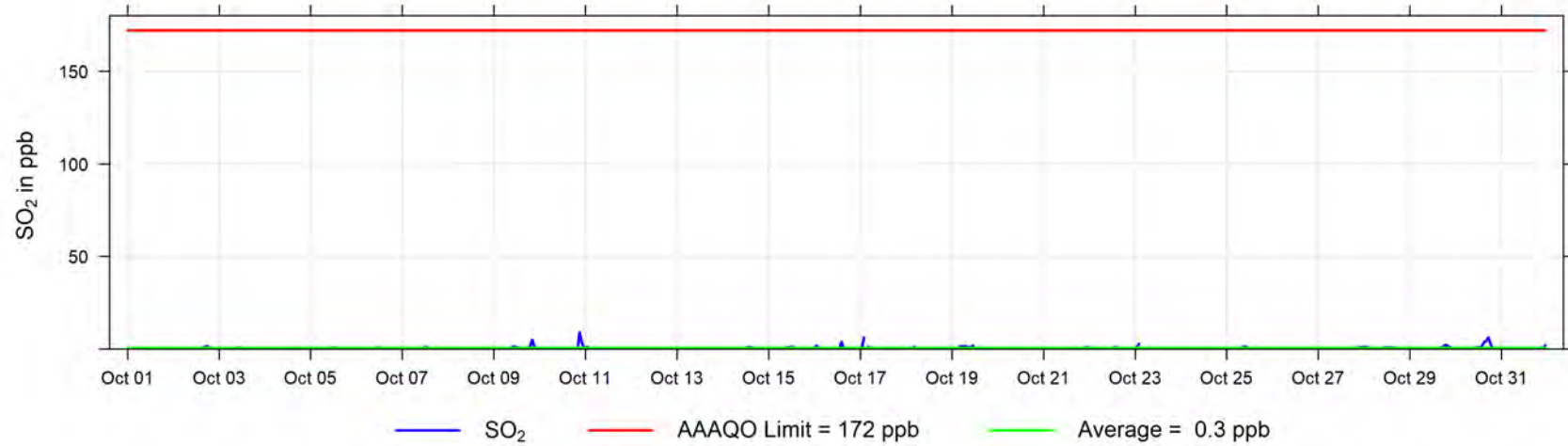


5 Smoky Heights Charts

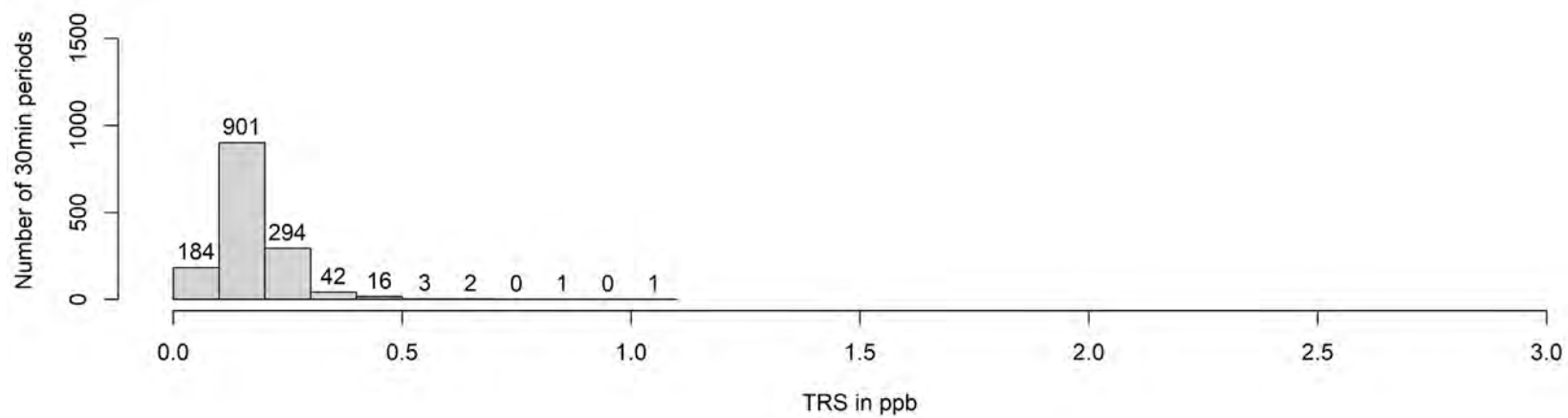
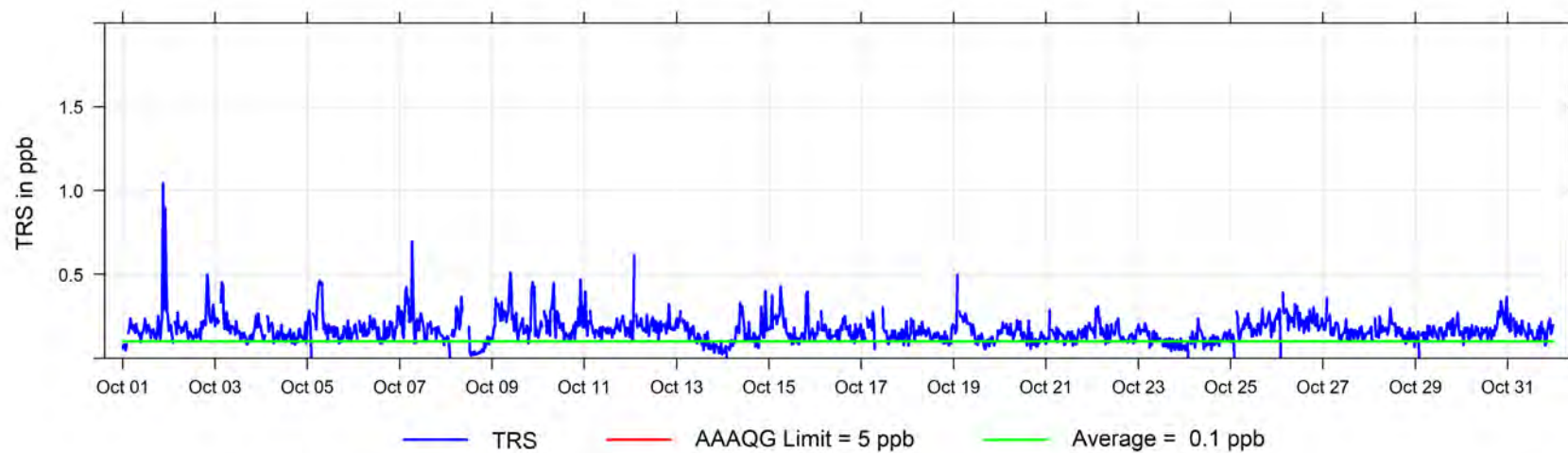
The following pages include the charts and histograms for Smoky Heights Station



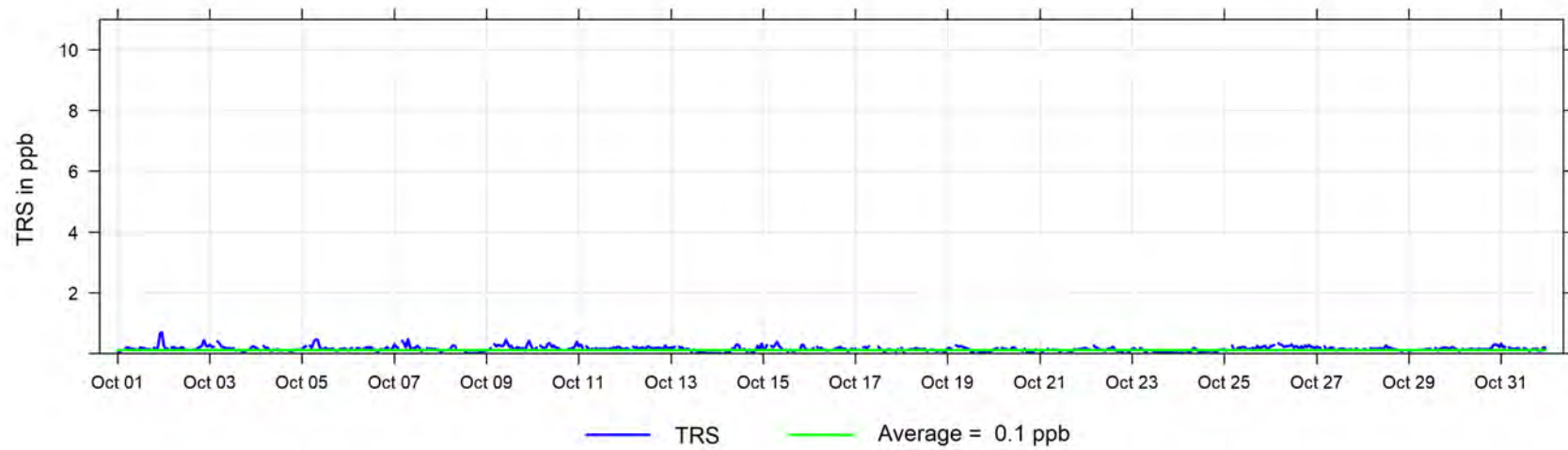
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Smoky Heights



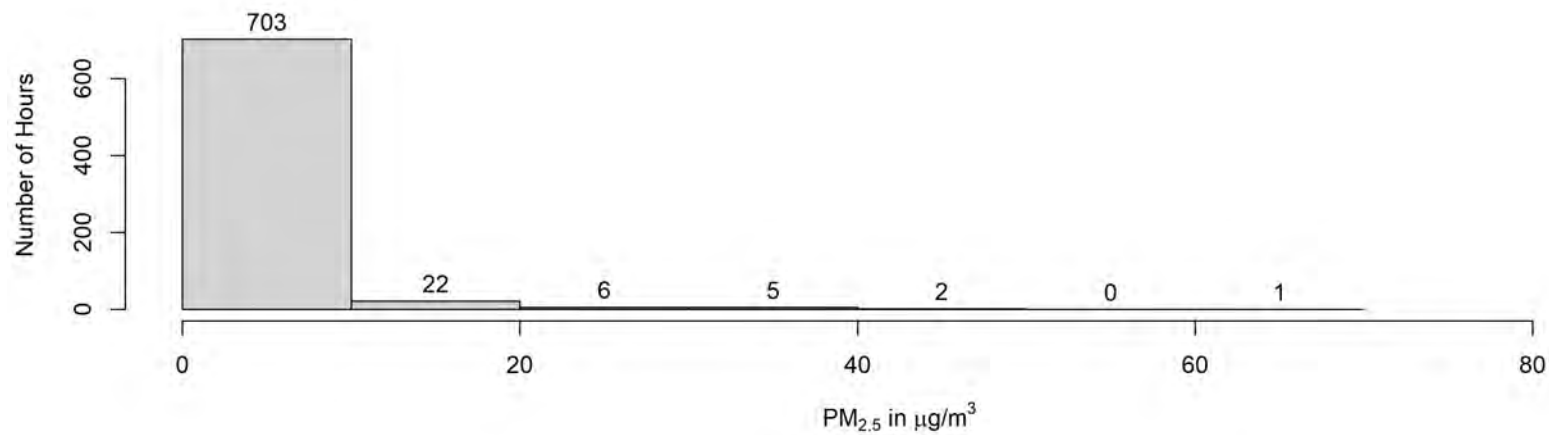
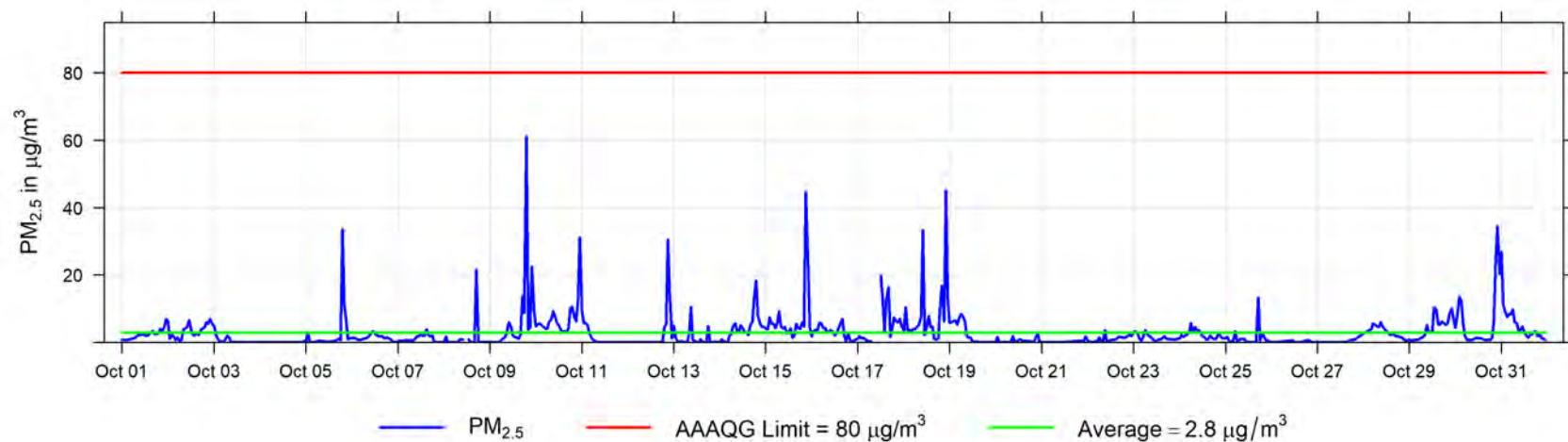
October 2025 30 min Concentration Readings of TRS (in ppb) at Smoky Heights



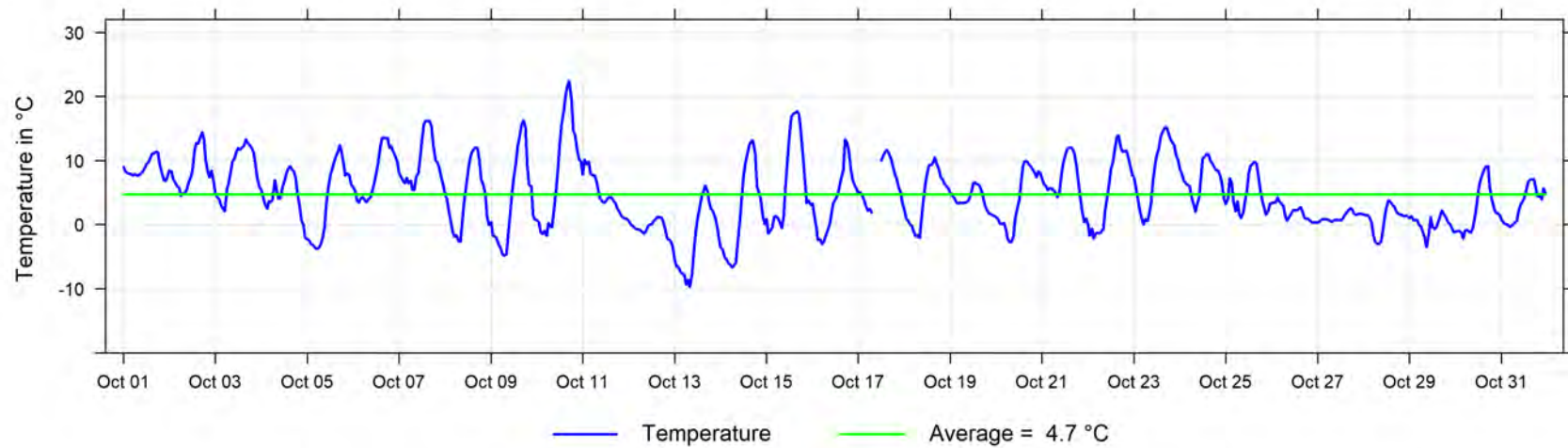
October 2025 Hourly Concentration Readings of TRS (in ppb) at Smoky Heights



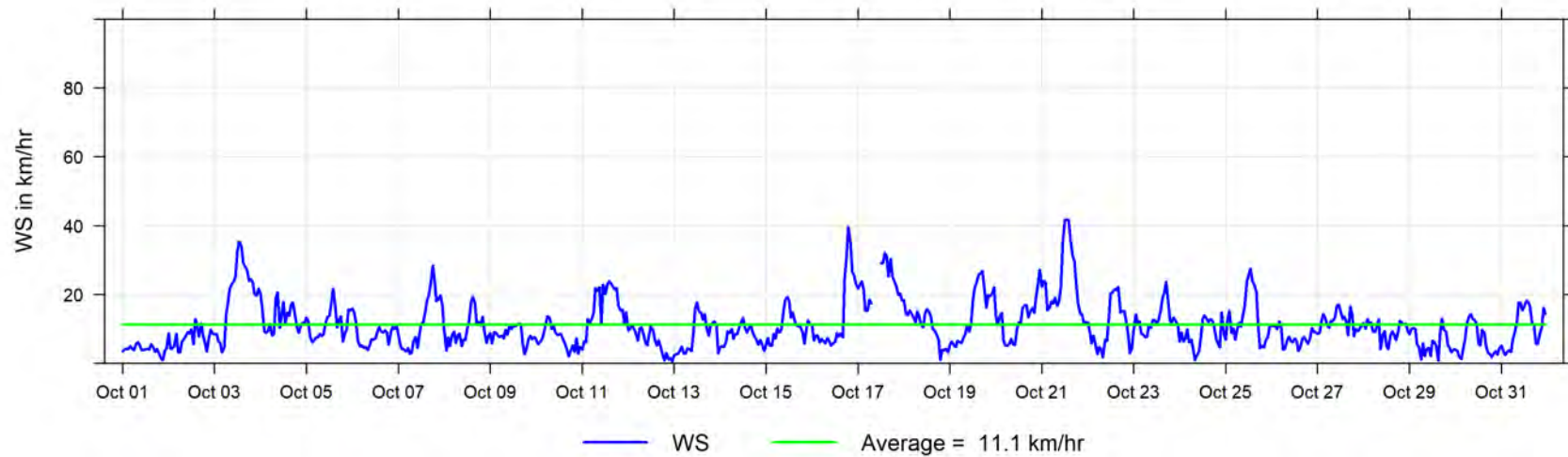
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Smoky Heights



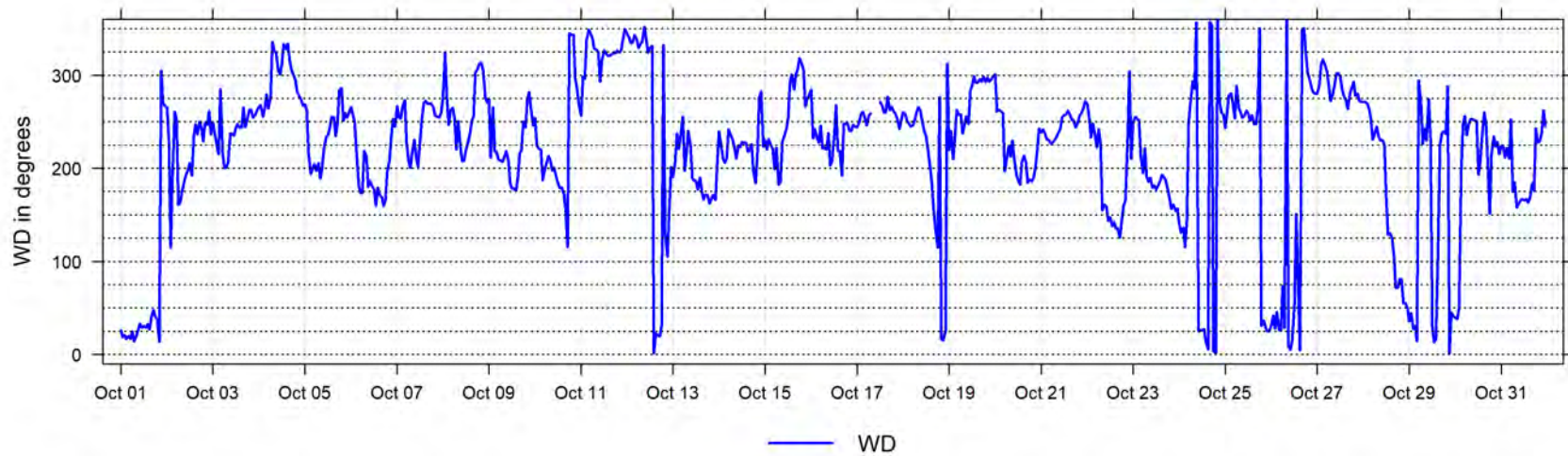
October 2025 Hourly Temperature Readings (in °C) at Smoky Heights



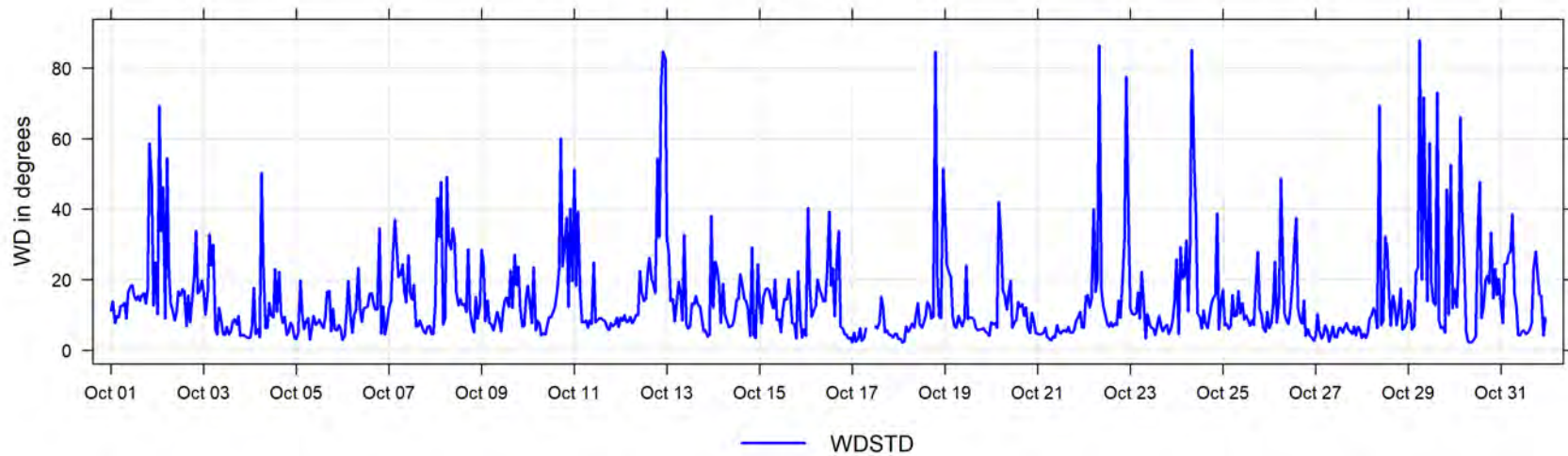
October 2025 Hourly Readings of Wind Speed (in km/hr) at Smoky Heights

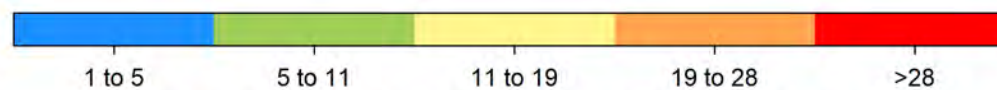
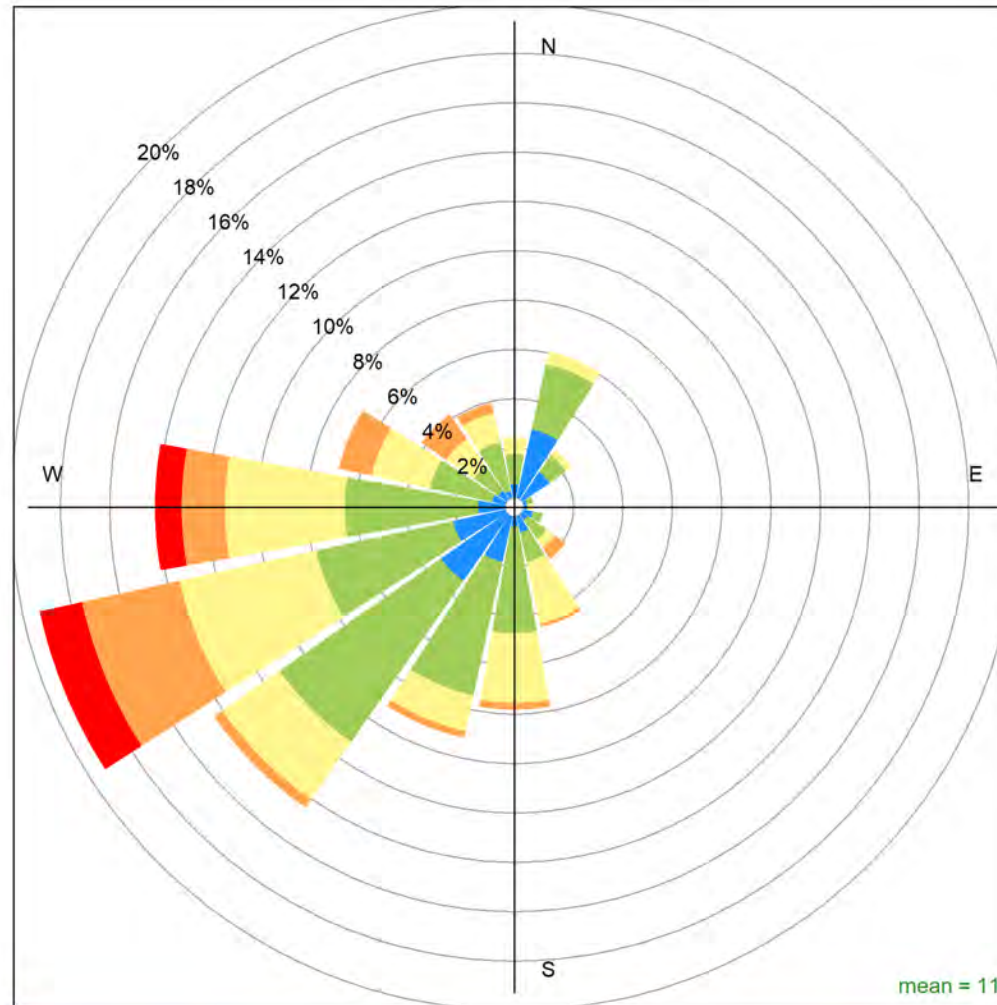


October 2025 Hourly Readings of Wind Direction (in degrees) at Smoky Heights



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Smoky Heights





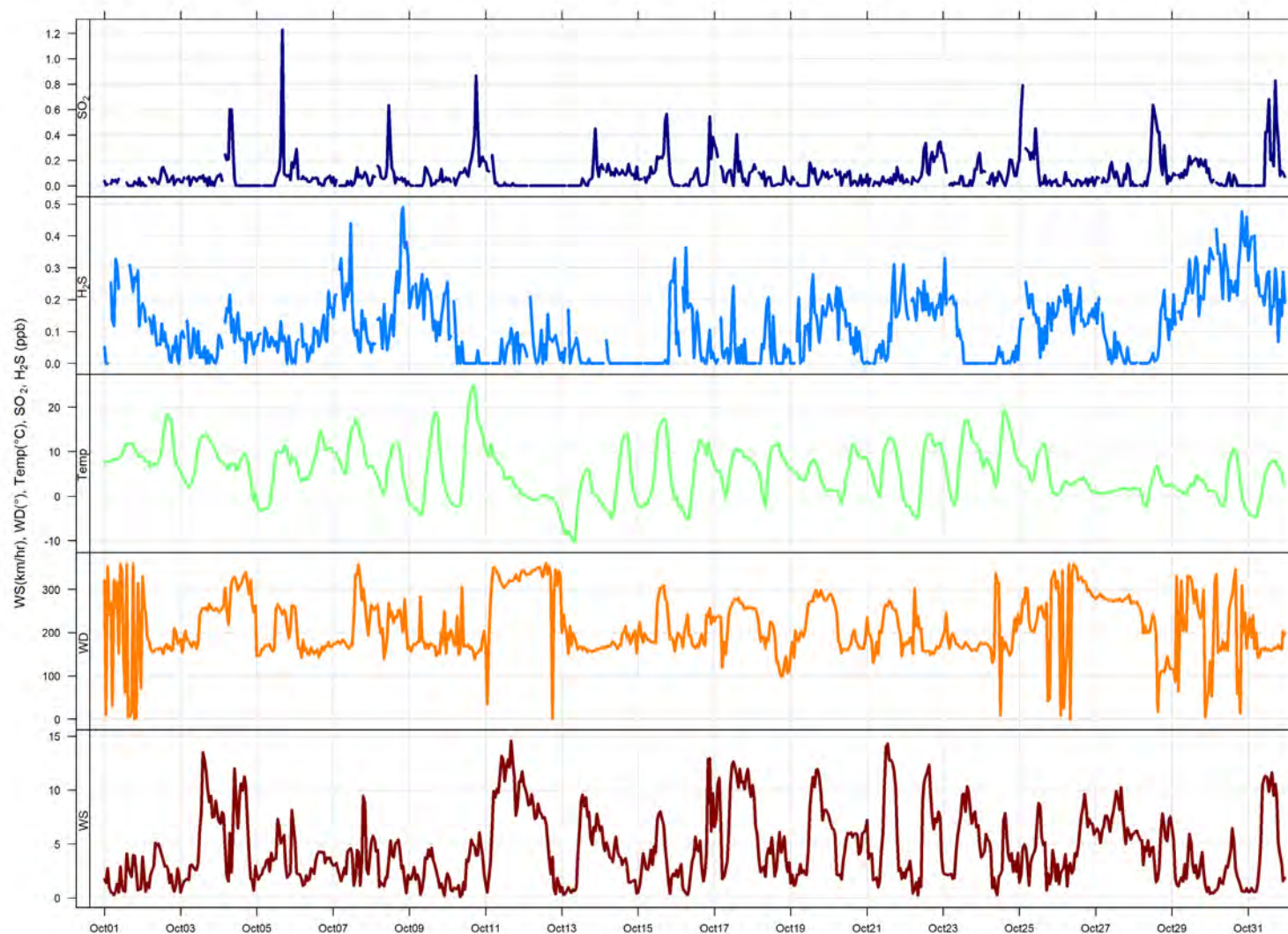
Smoky Heights October 2025 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 0.8 %

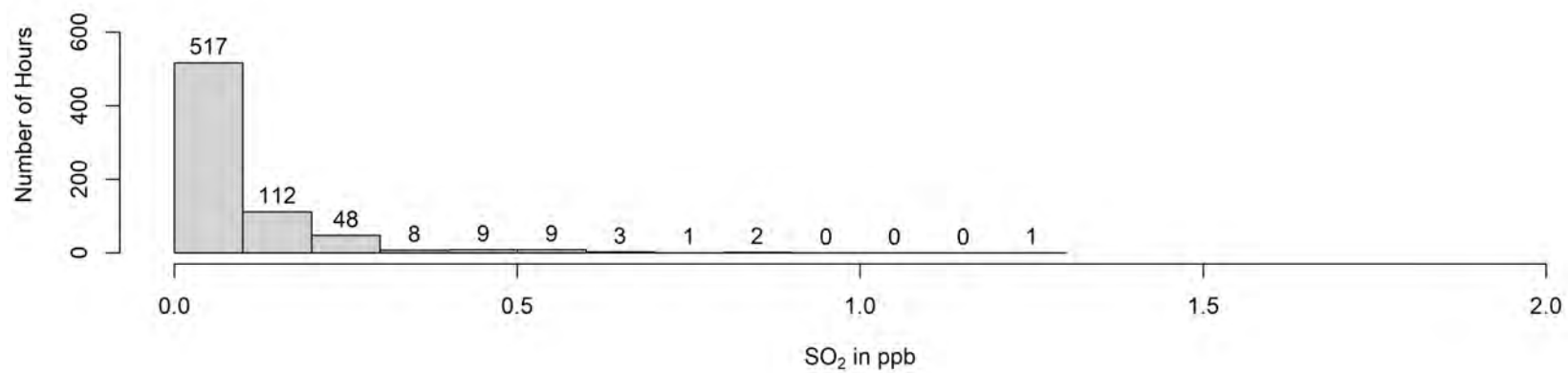
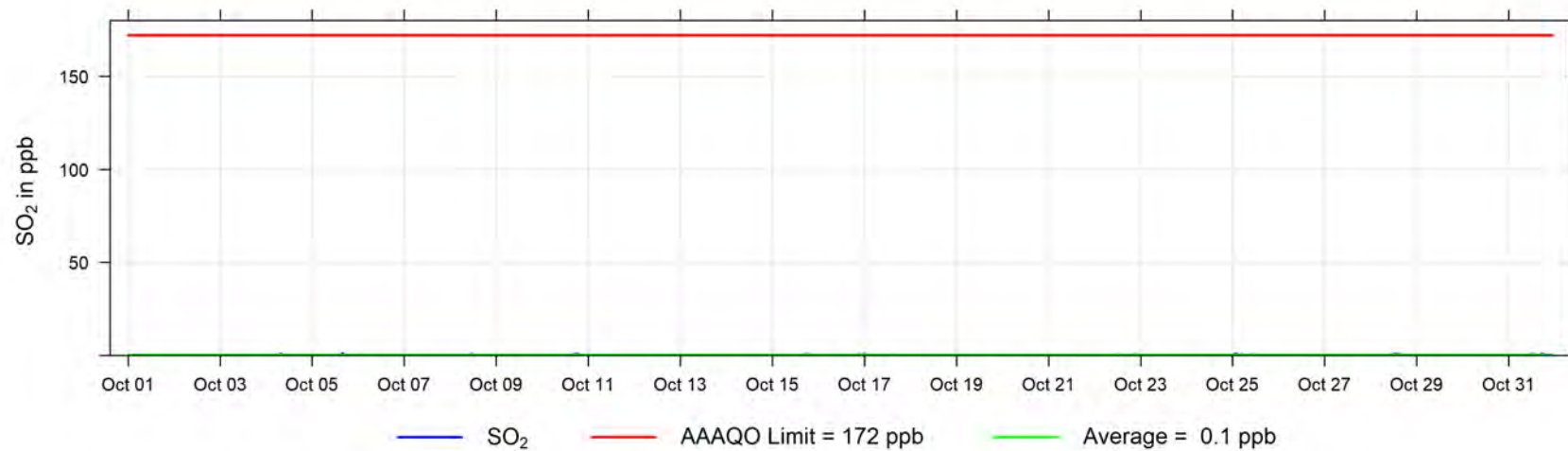
6 Valleyview Charts

The following pages include the charts and histograms for Valleyview Station

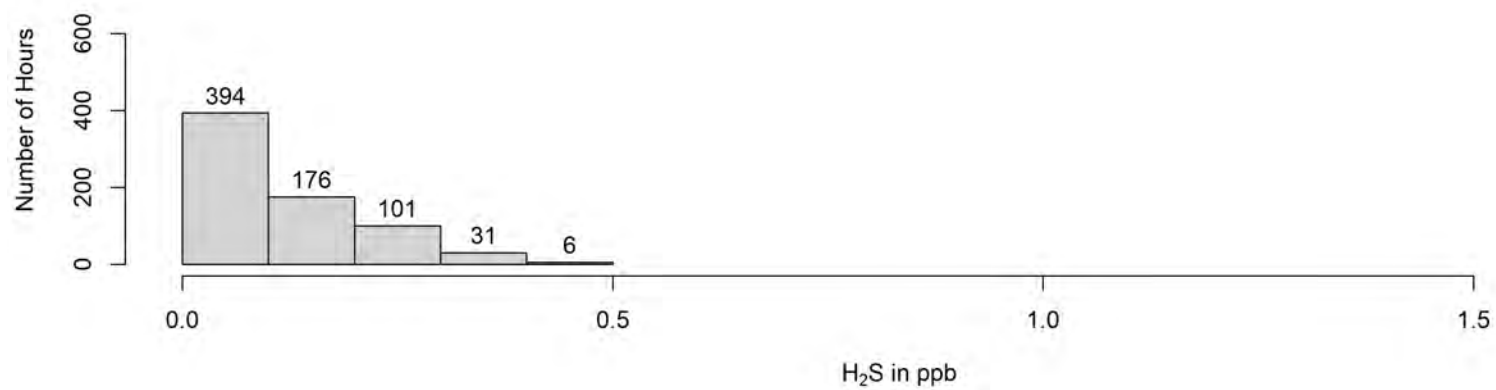
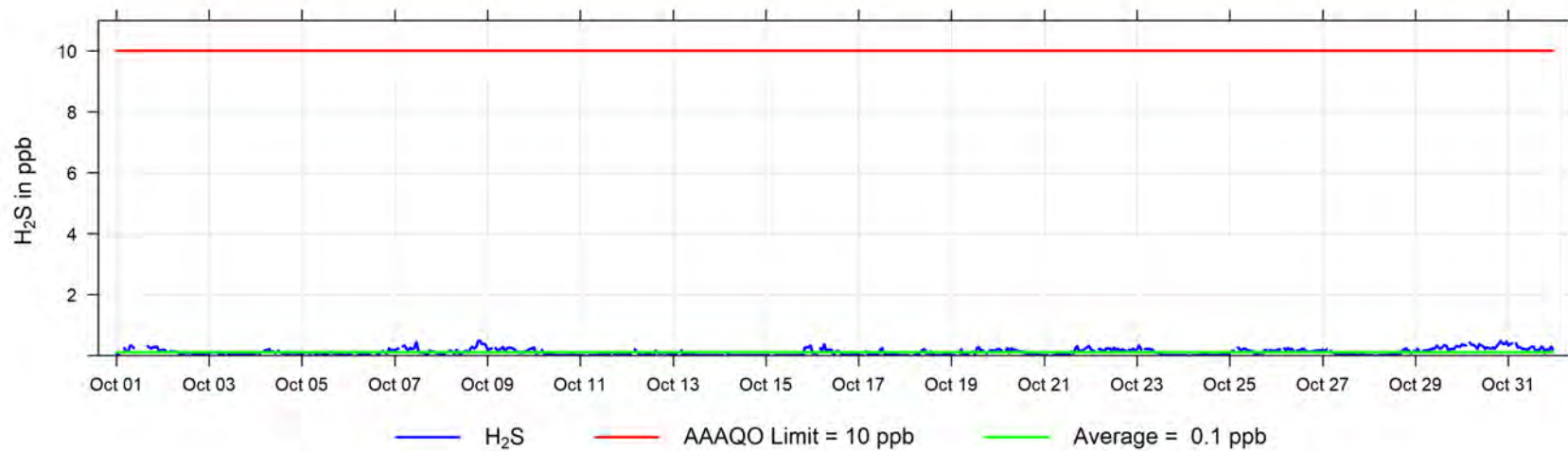
October 2025 Concentration Readings at Valleyview Station



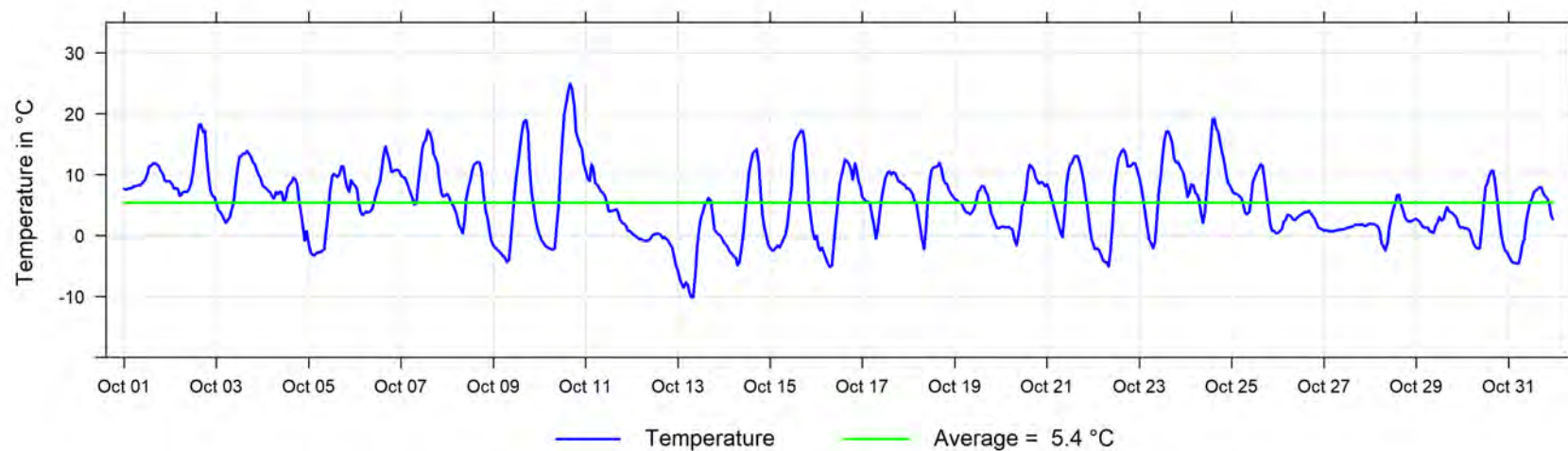
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Valleyview



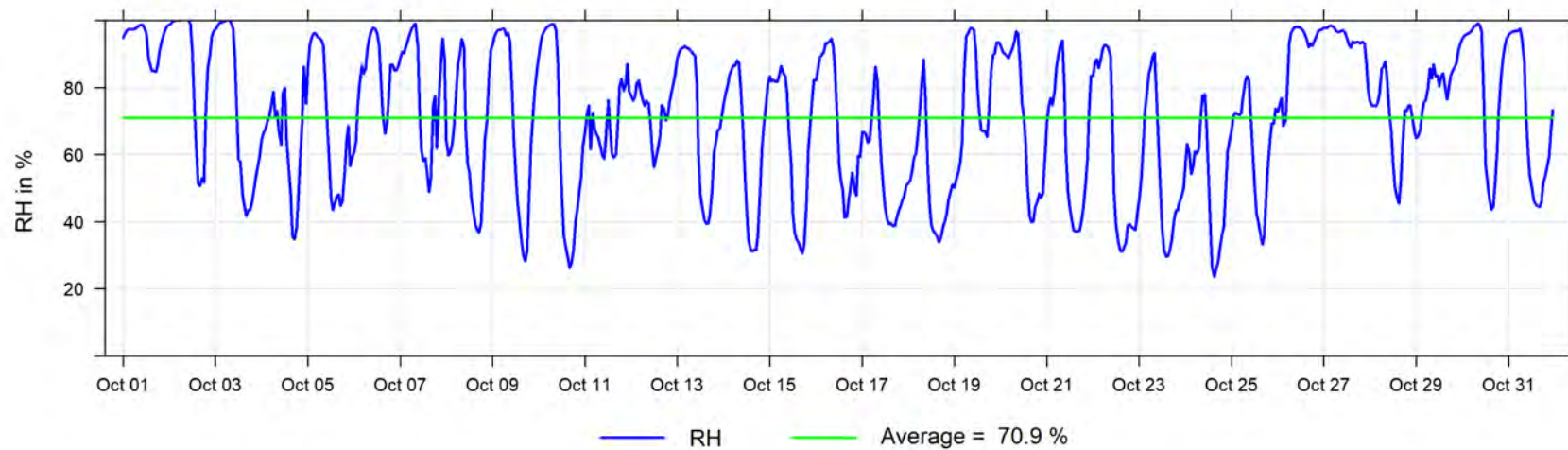
October 2025 Hourly Concentration Readings of H₂S (in ppb) at Valleyview



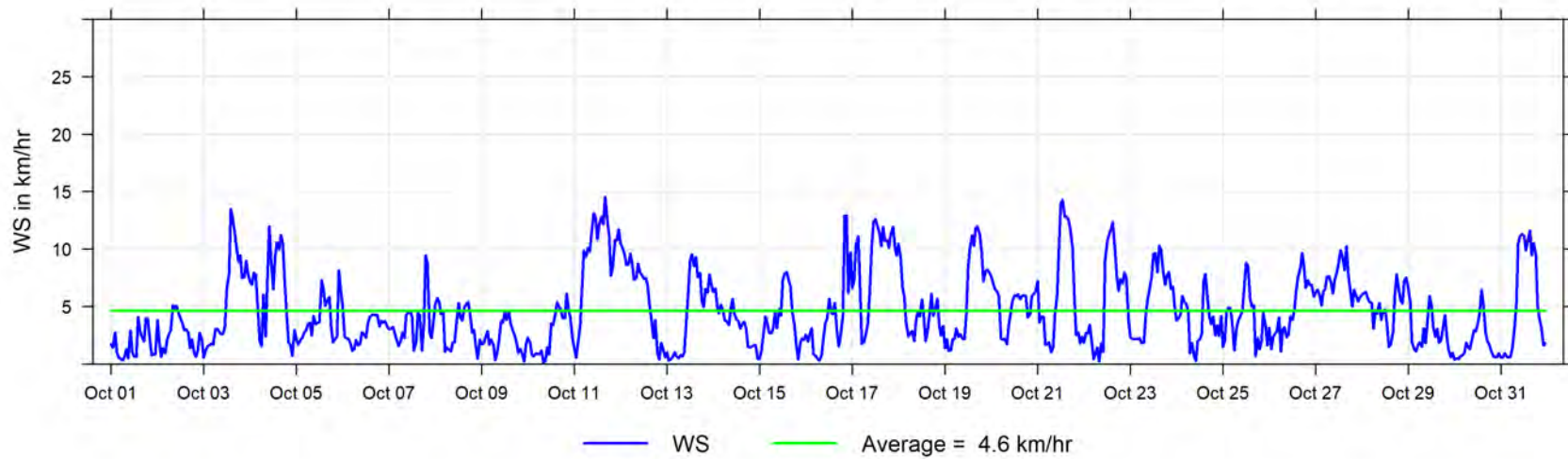
October 2025 Hourly Temperature Readings (in °C) at Valleyview



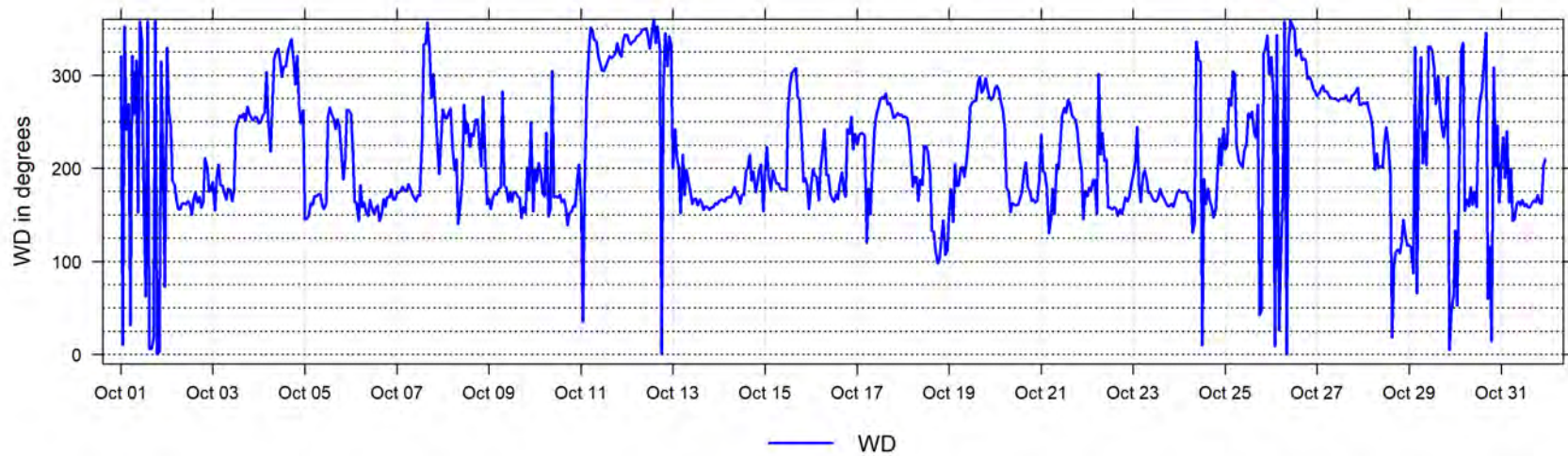
October 2025 Hourly Readings of Relative Humidity (in %) at Valleyview



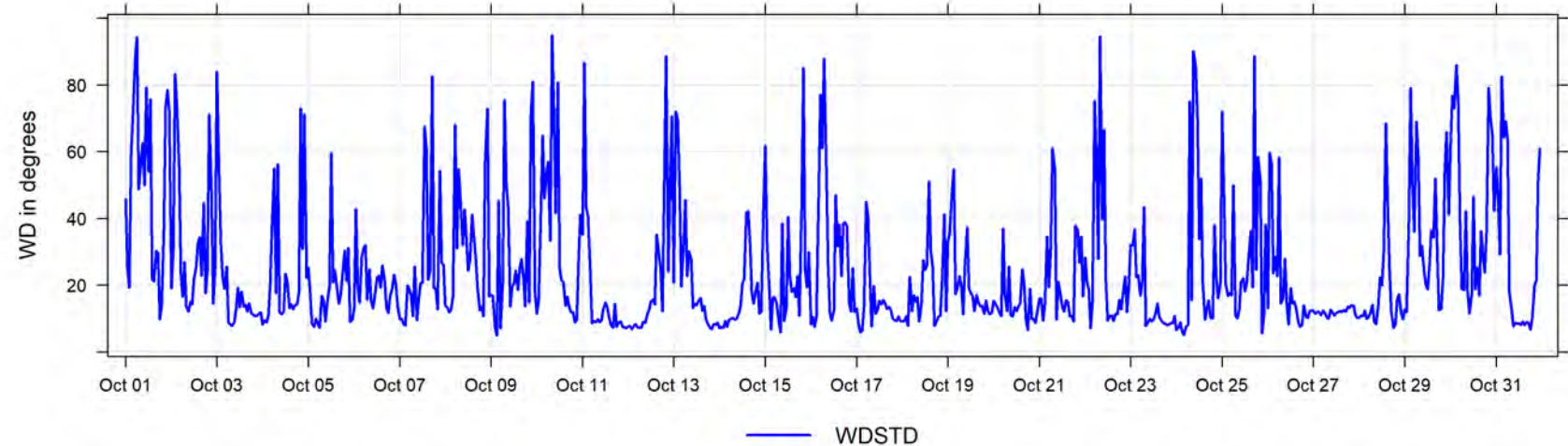
October 2025 Hourly Readings of Wind Speed (in km/hr) at Valleyview

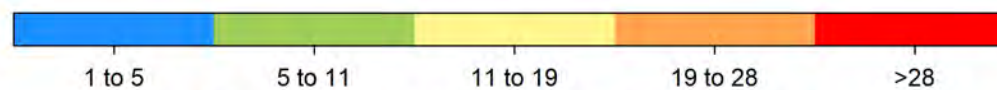
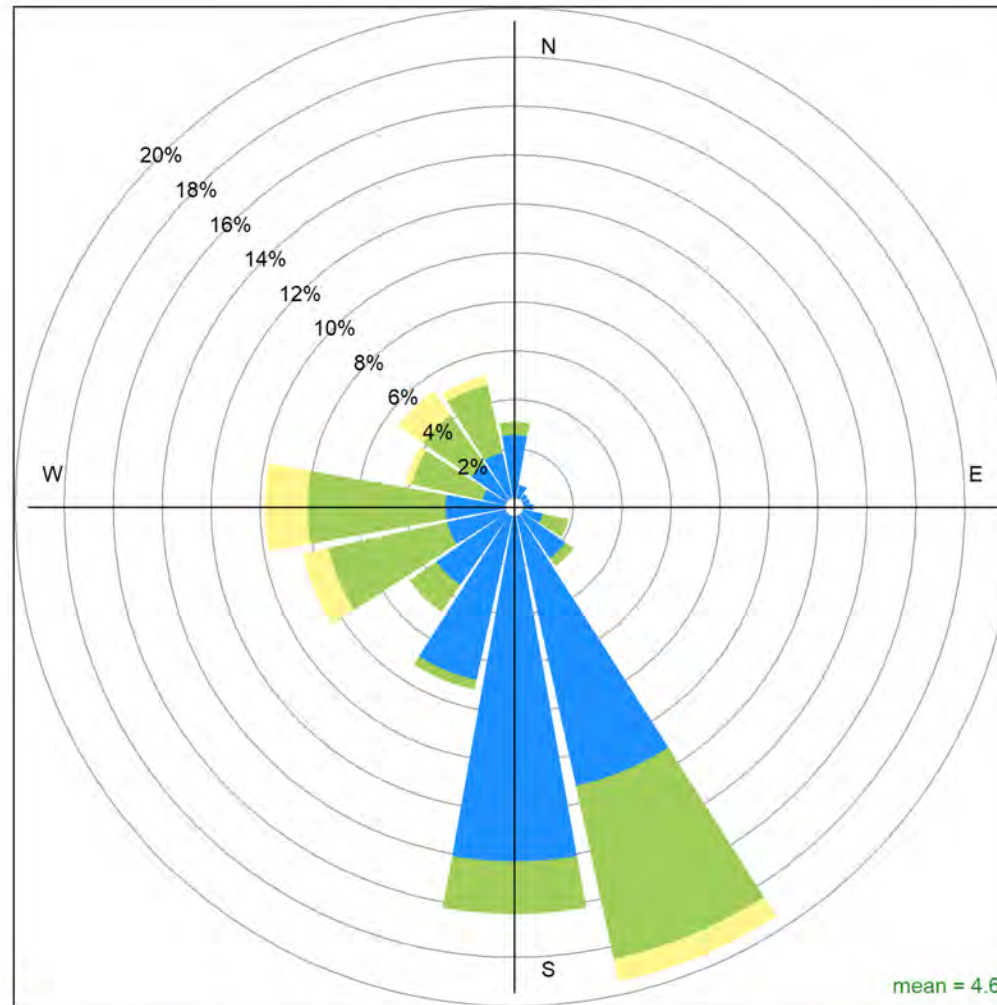


October 2025 Hourly Readings of Wind Direction (in degrees) at Valleyview



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Valleyview



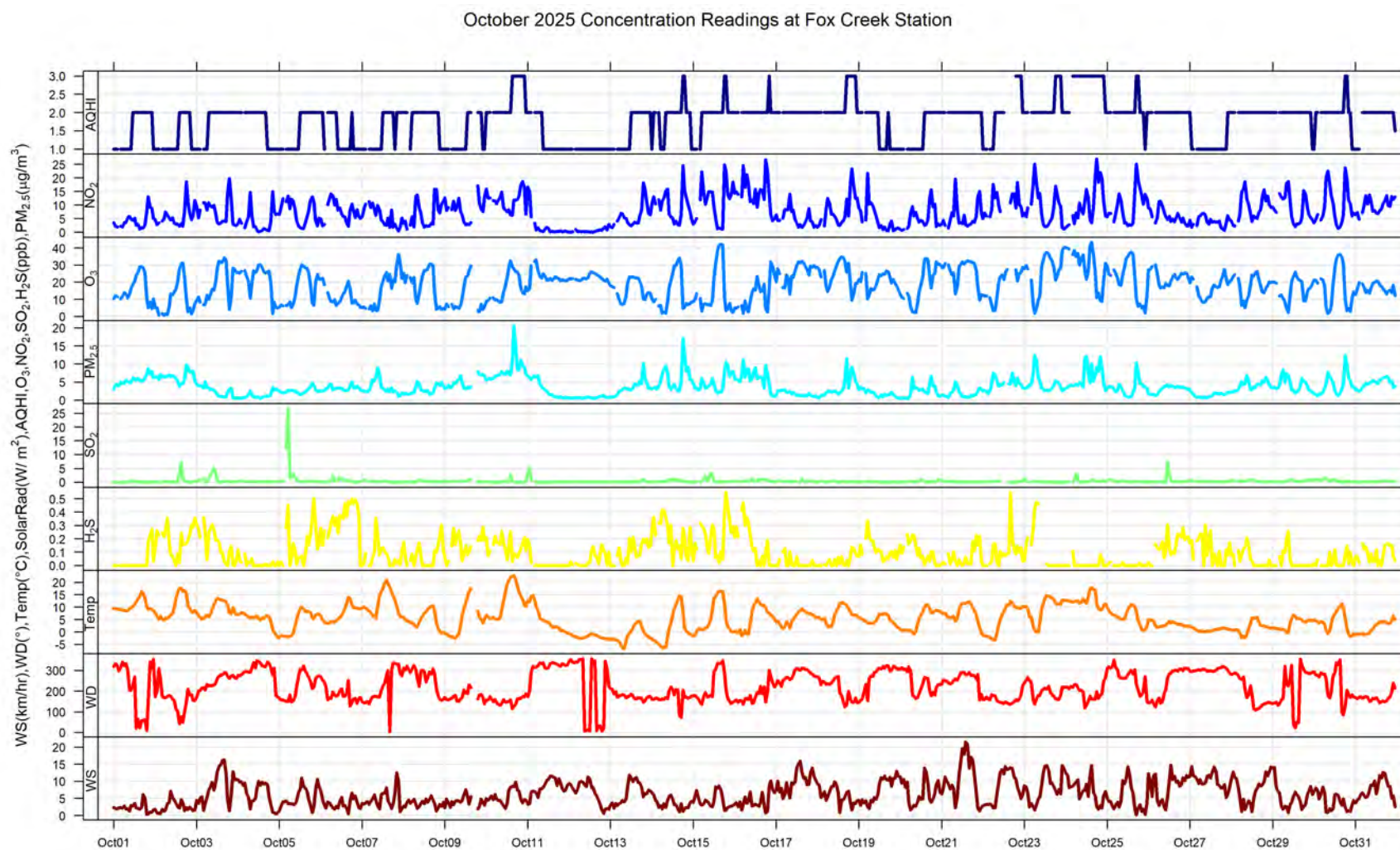


Valleyview October 2025 Wind Rose, wind speed in km/hr

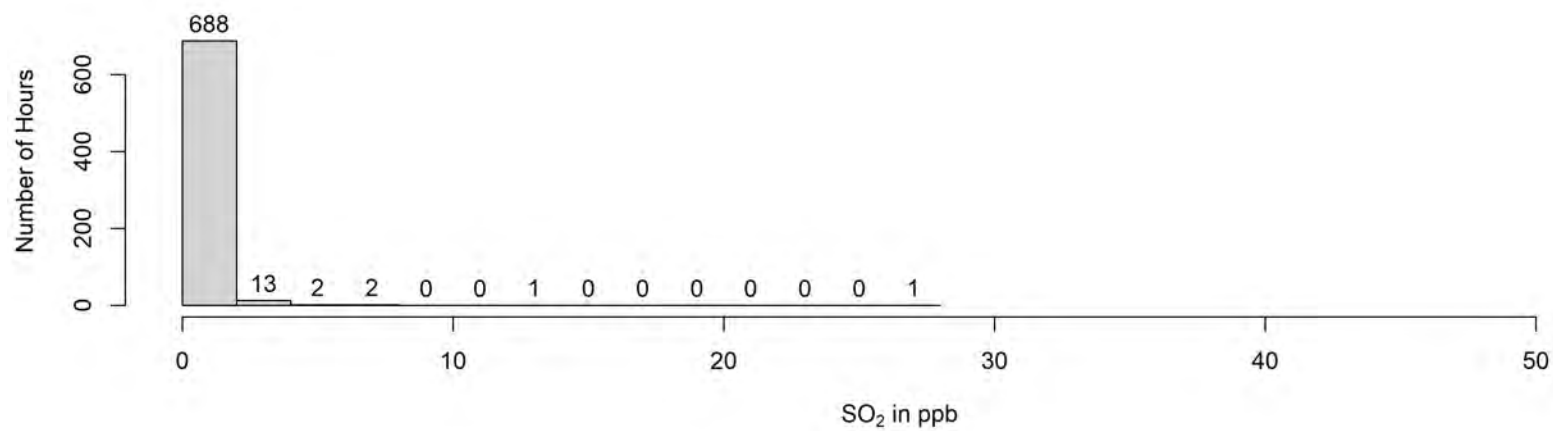
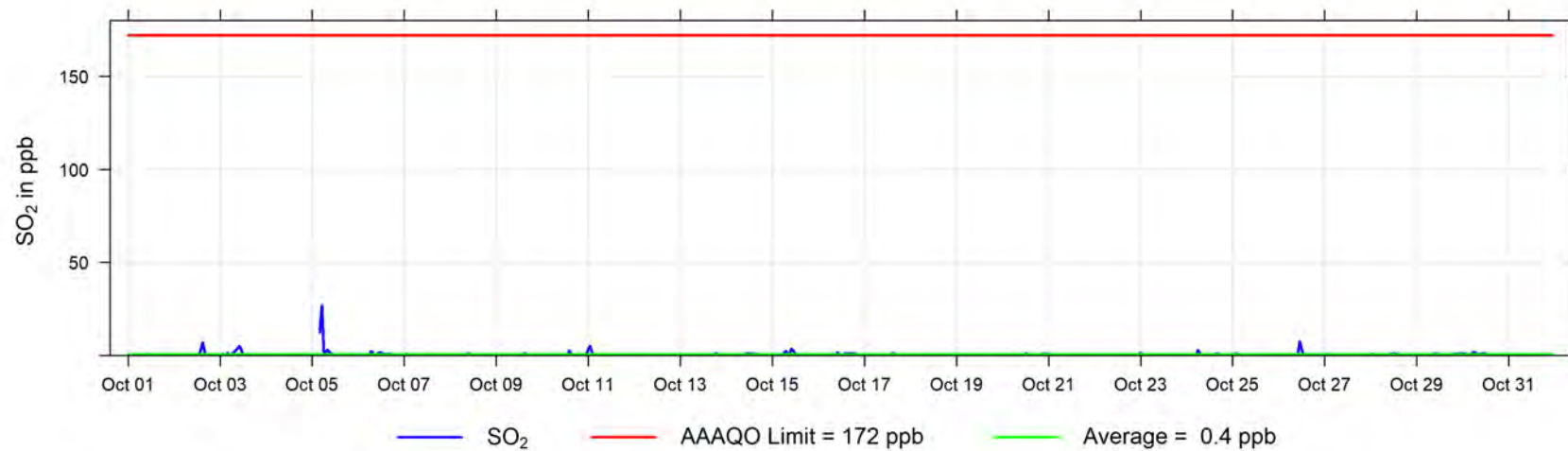
Calms (<1km/hr) = 10.3 %

7 Fox Creek Charts

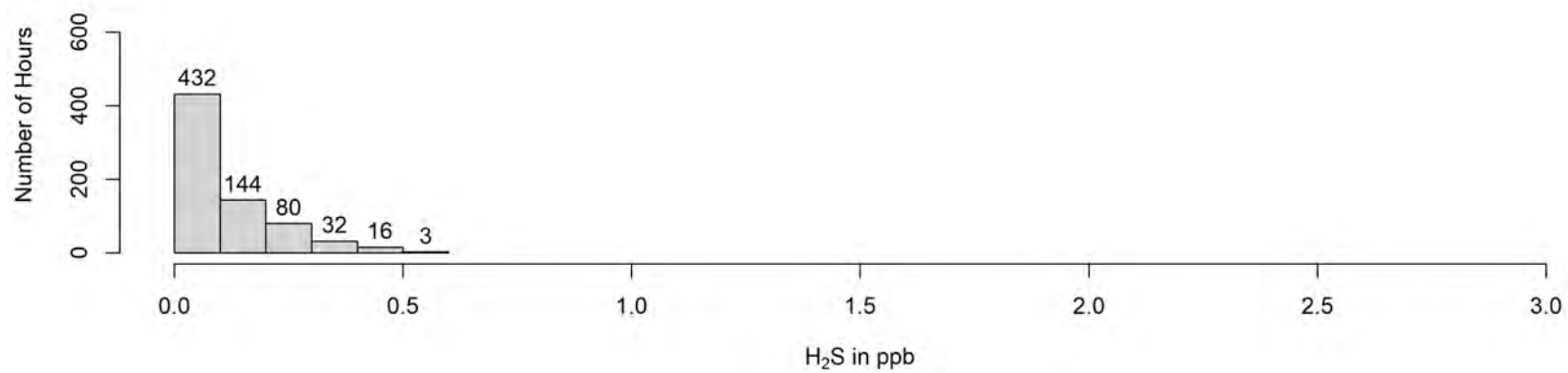
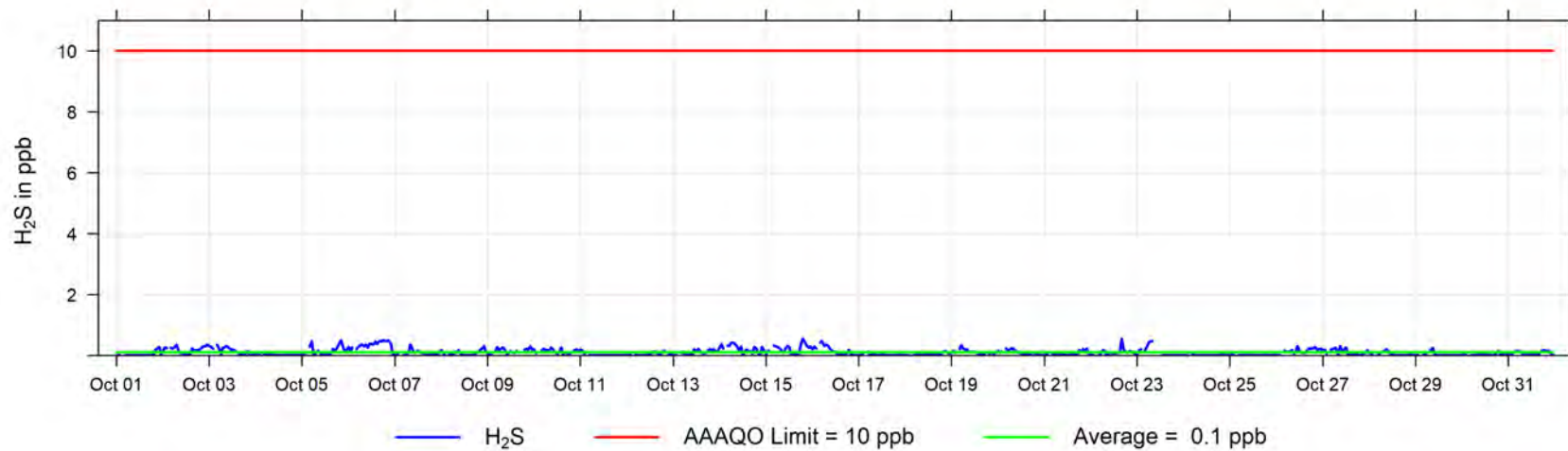
The following pages include the charts and histograms for Fox Creek Station



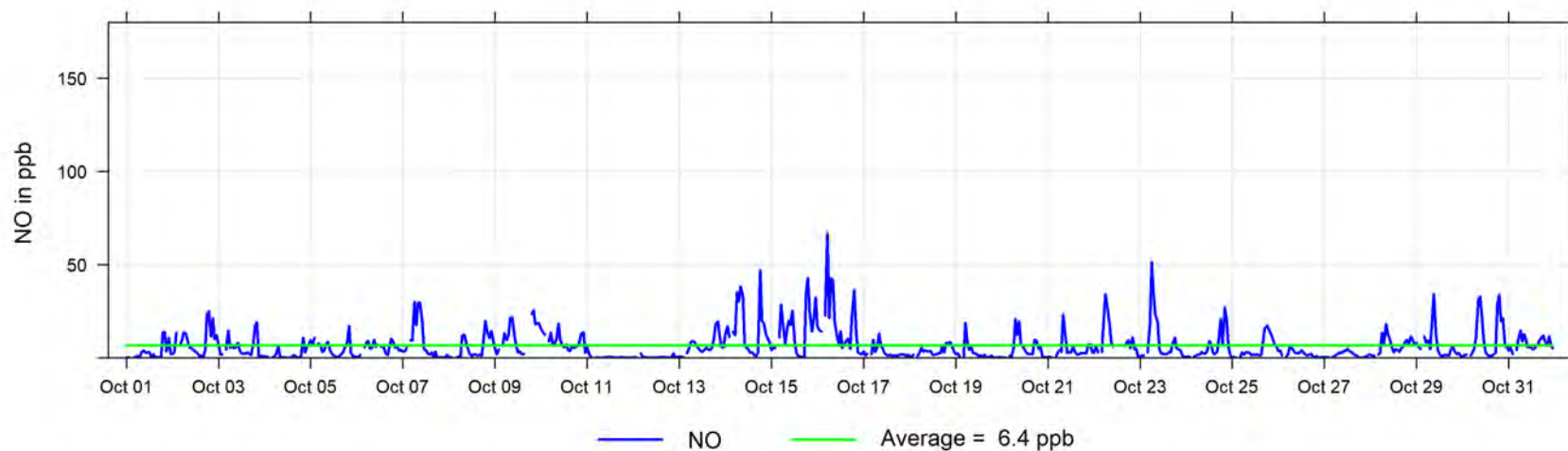
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Fox Creek



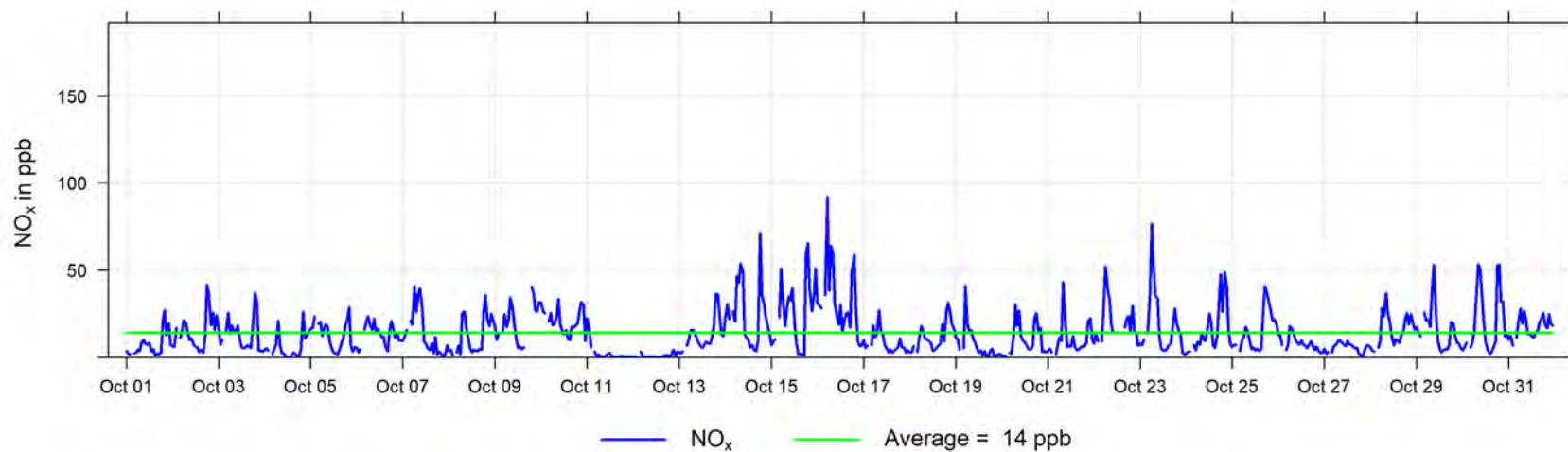
October 2025 Hourly Concentration Readings of H₂S (in ppb) at Fox Creek



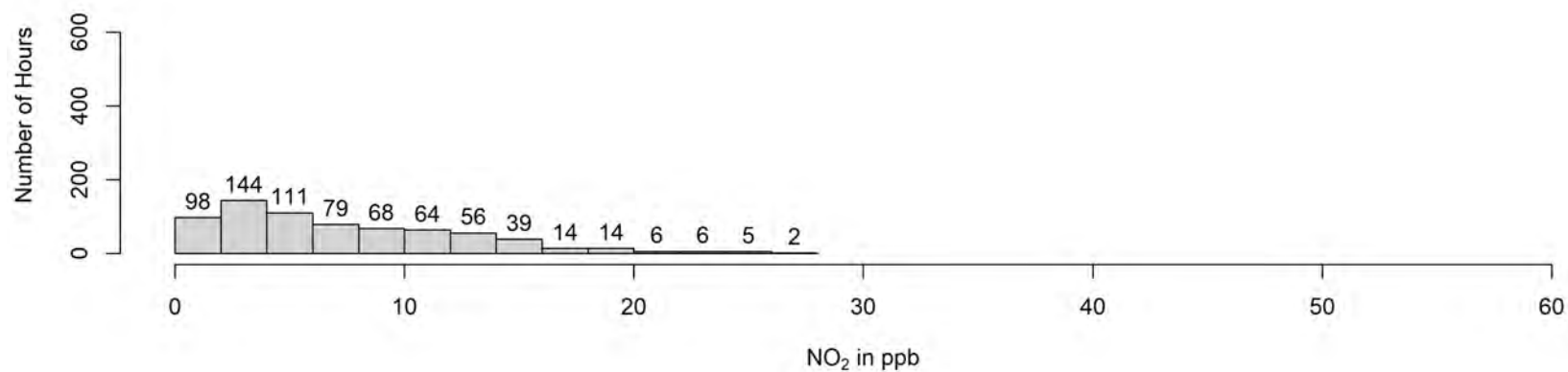
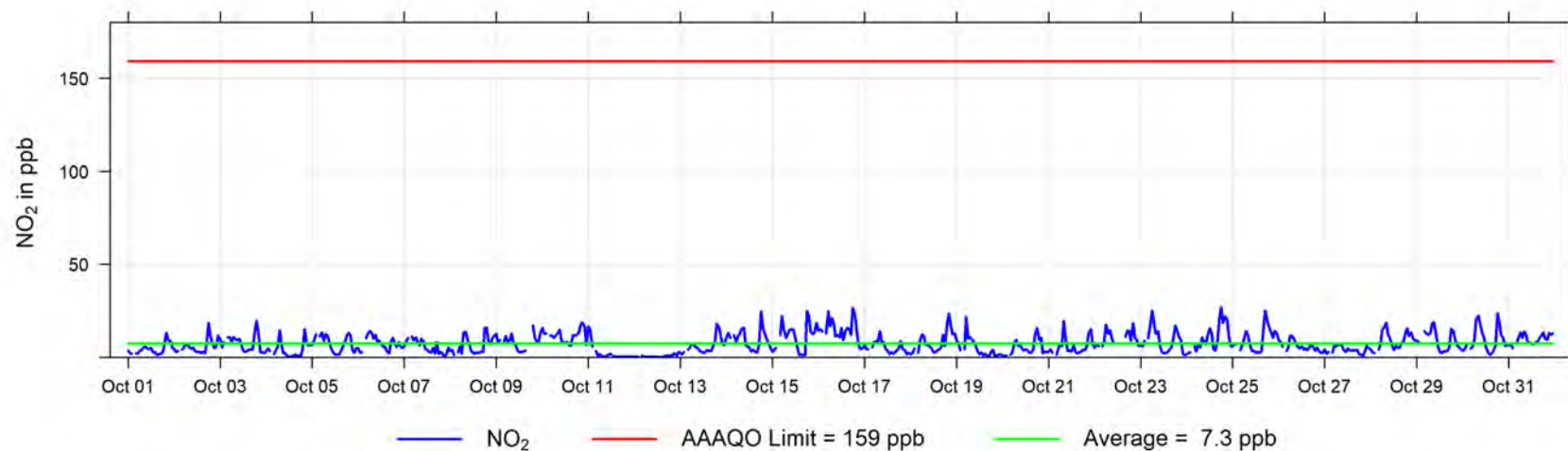
October 2025 Hourly Concentration Readings of NO (in ppb) at Fox Creek



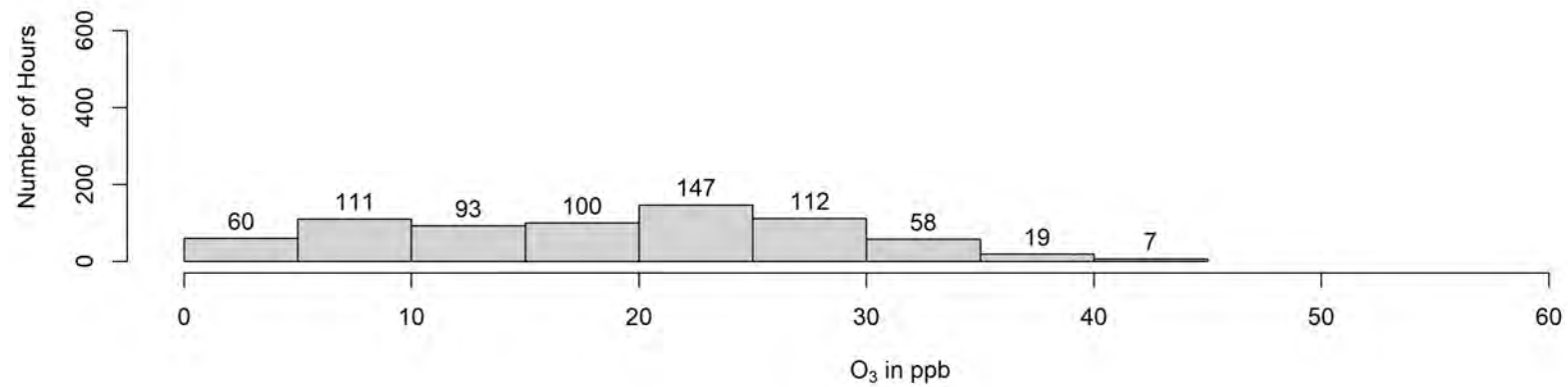
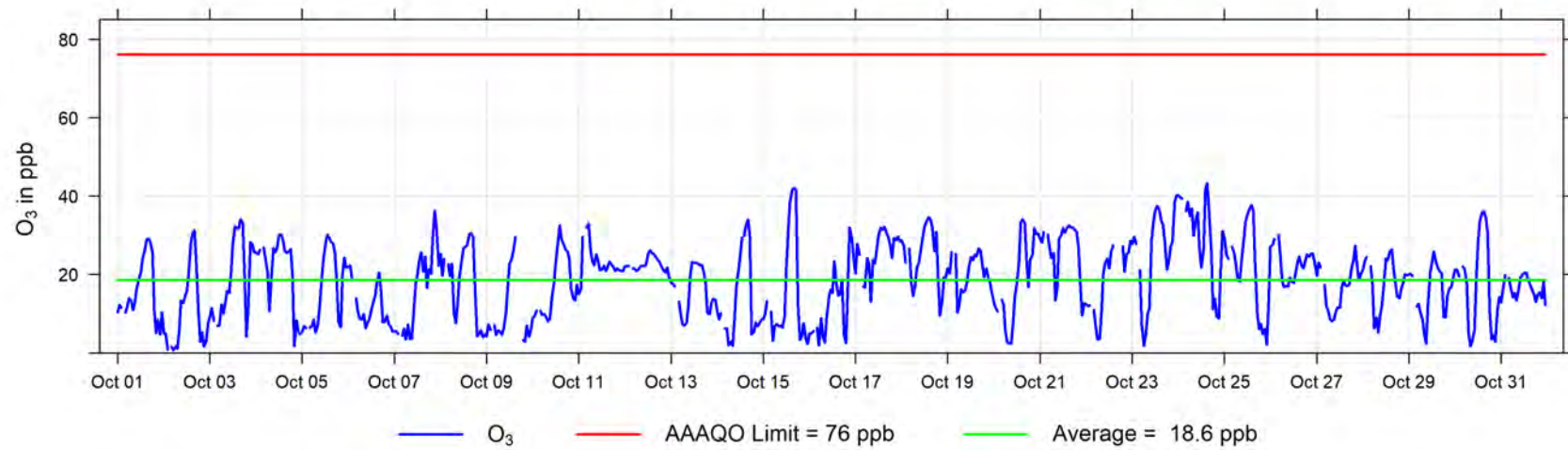
October 2025 Hourly Concentration Readings of NO_x (in ppb) at Fox Creek



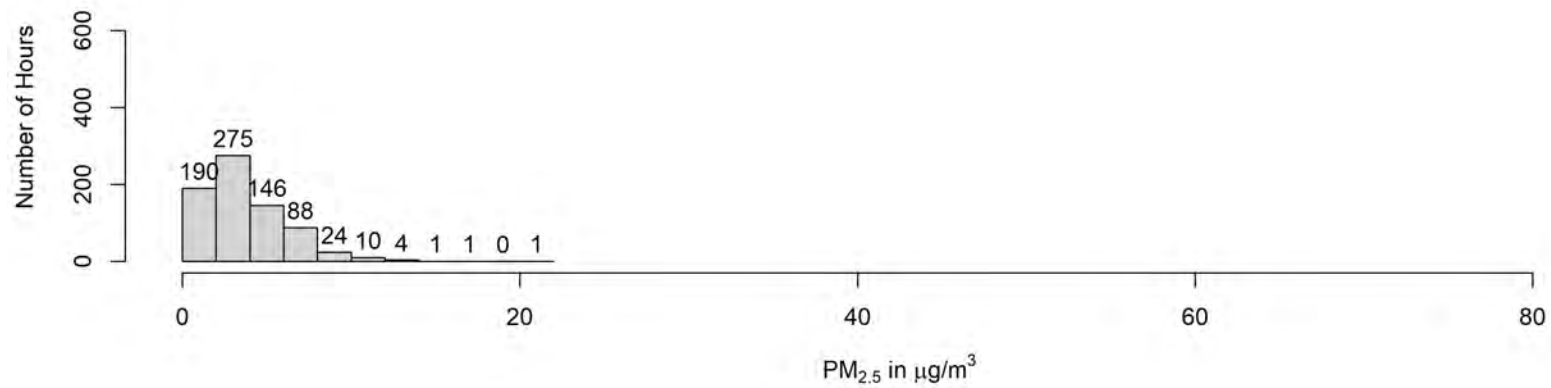
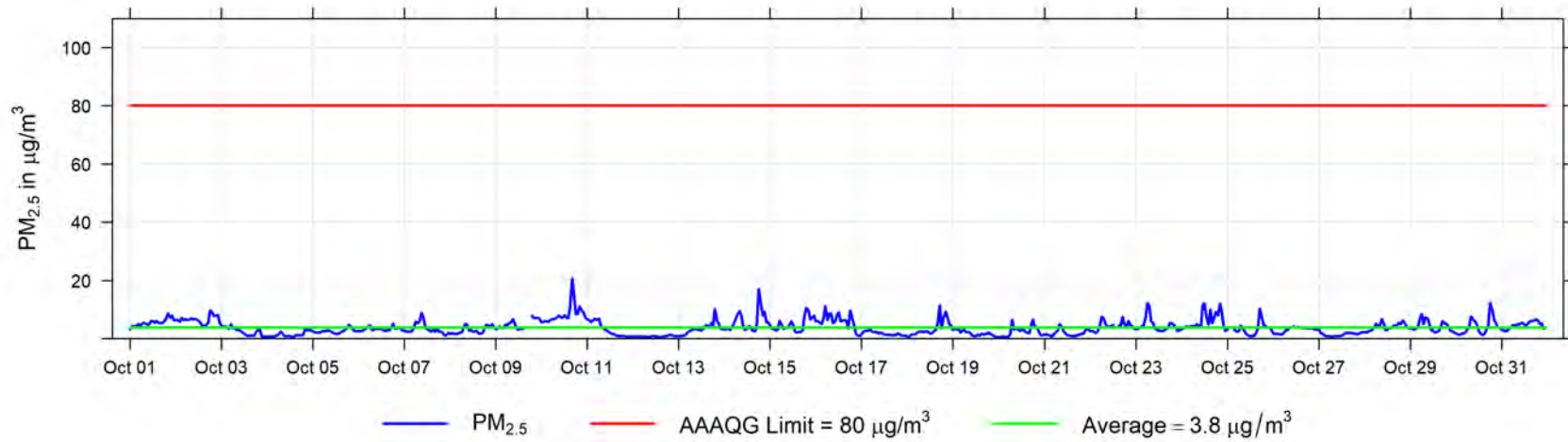
October 2025 Hourly Concentration Readings of NO₂ (in ppb) at Fox Creek



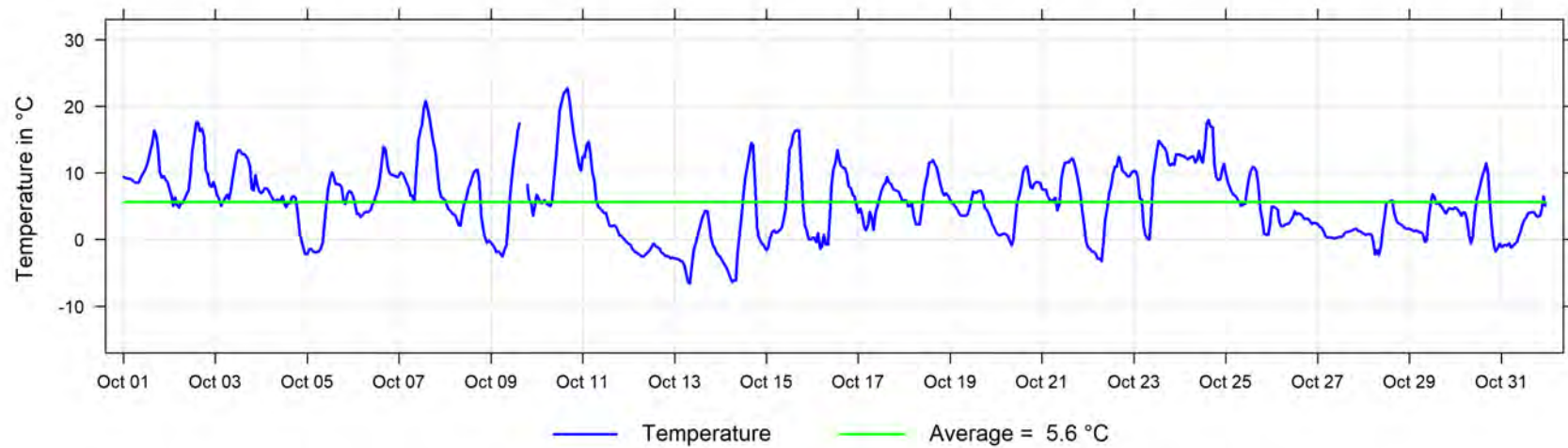
October 2025 Hourly Concentration Readings of O₃ (in ppb) at Fox Creek



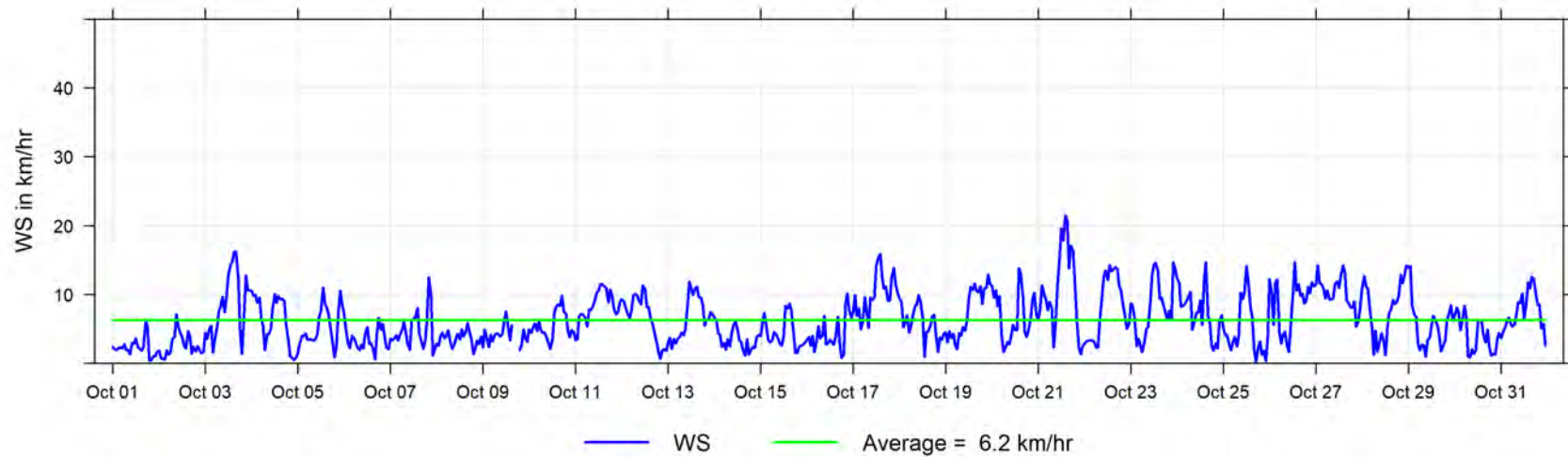
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Fox Creek



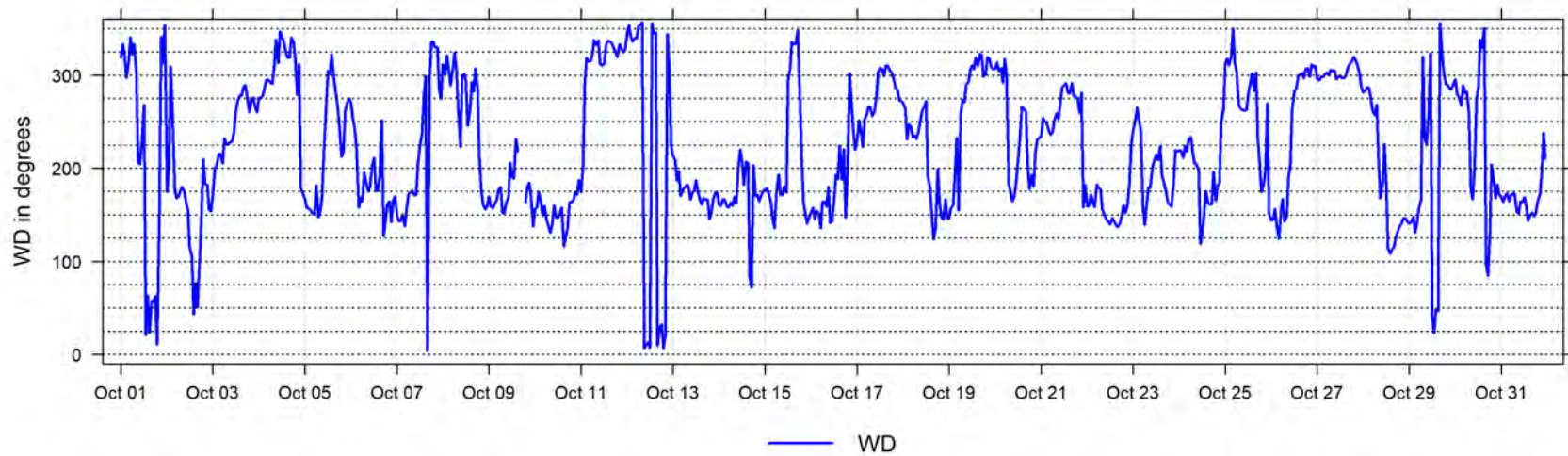
October 2025 Hourly Temperature Readings (in °C) at Fox Creek



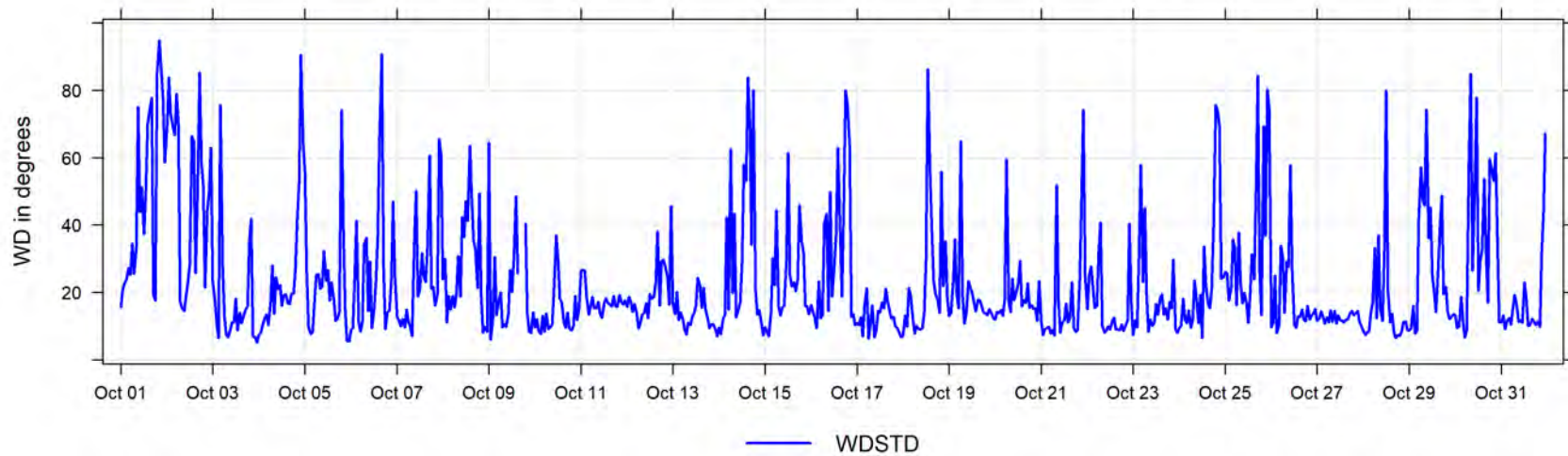
October 2025 Hourly Readings of Wind Speed (in km/hr) at Fox Creek

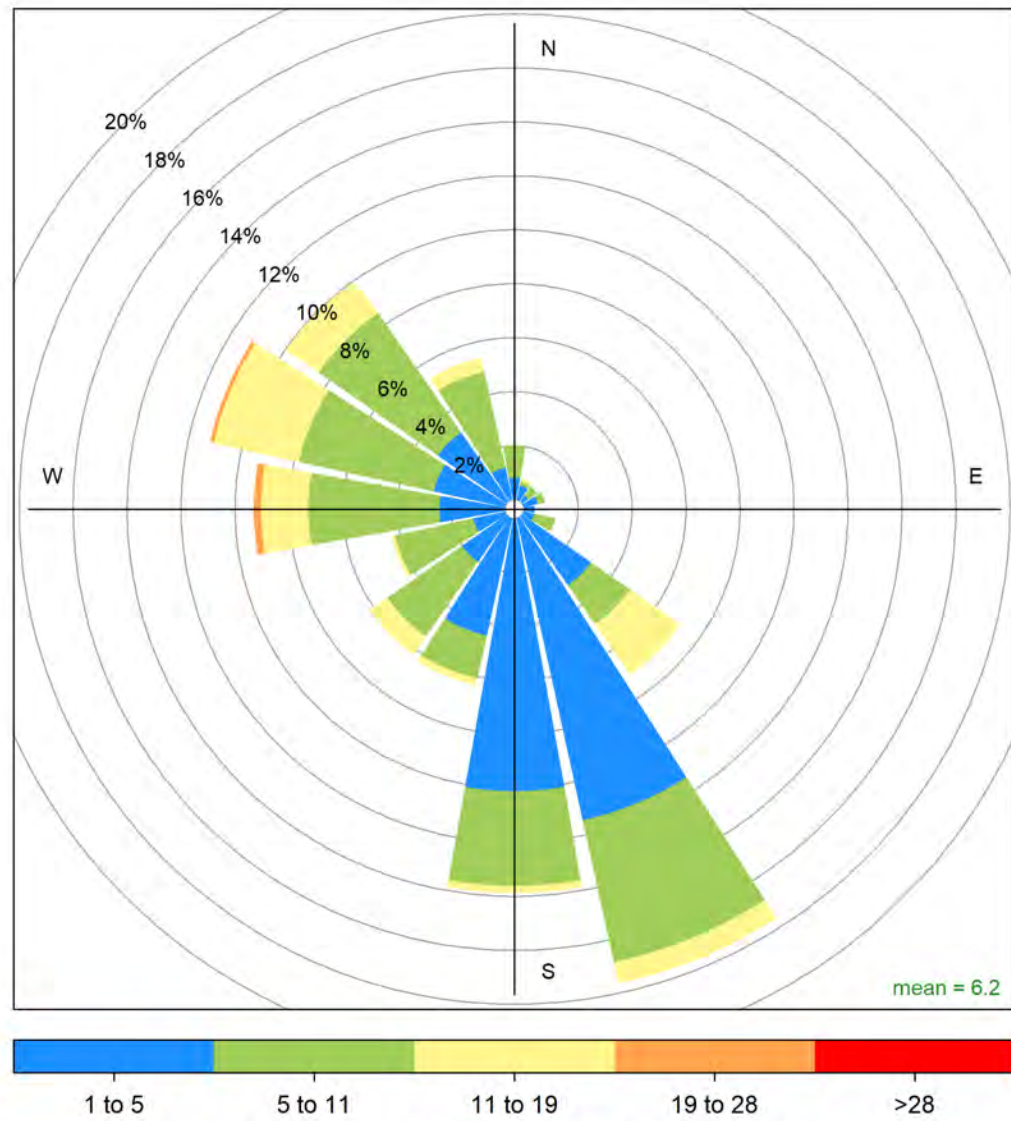


October 2025 Hourly Readings of Wind Direction (in degrees) at Fox Creek



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Fox Creek





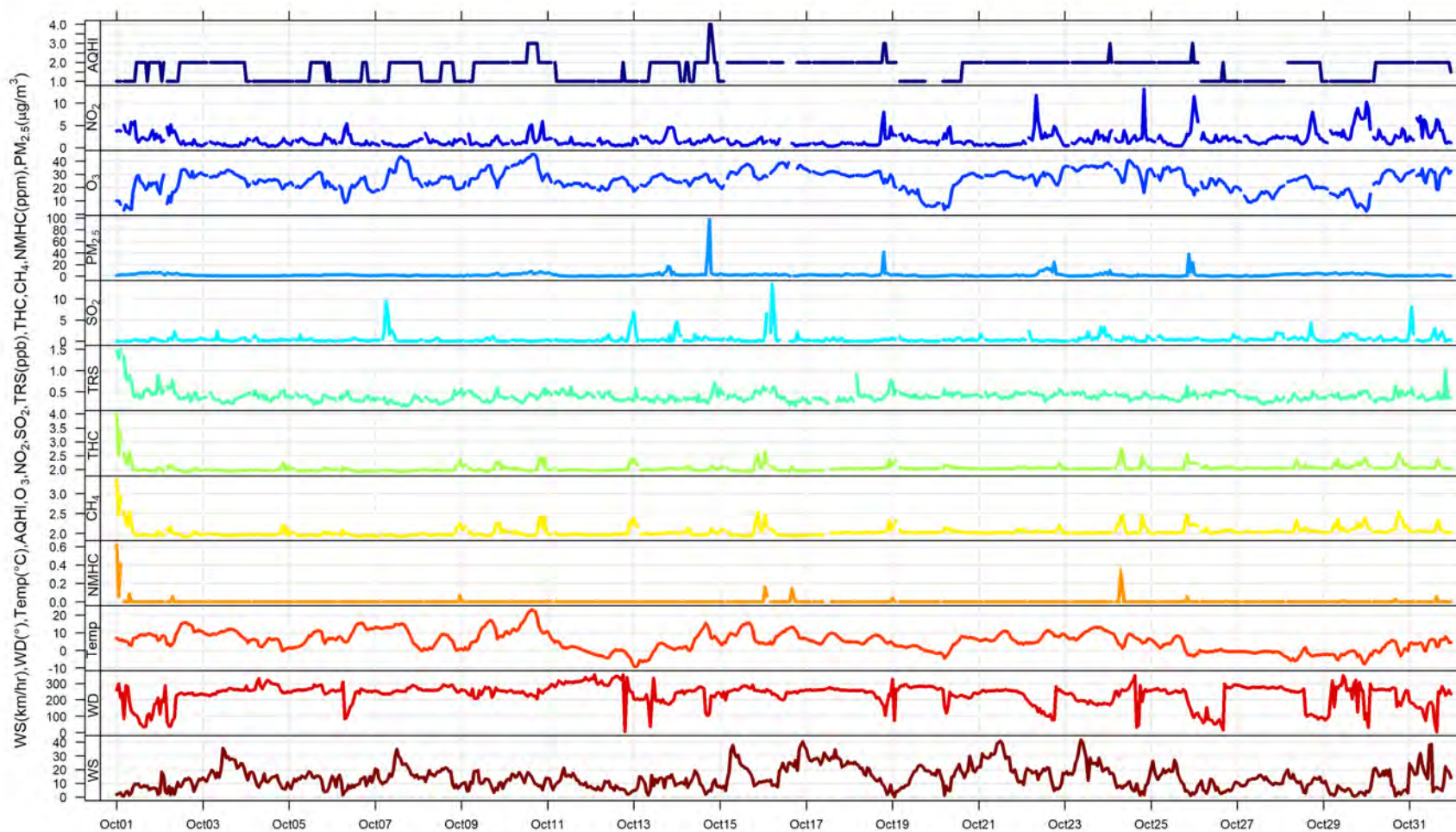
Fox Creek October 2025 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 2.7 %

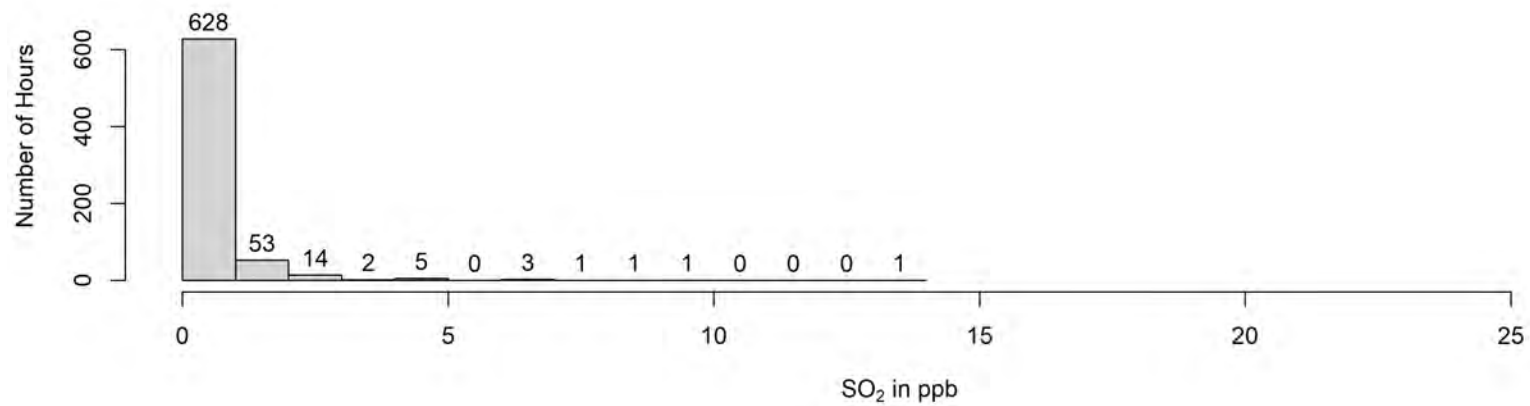
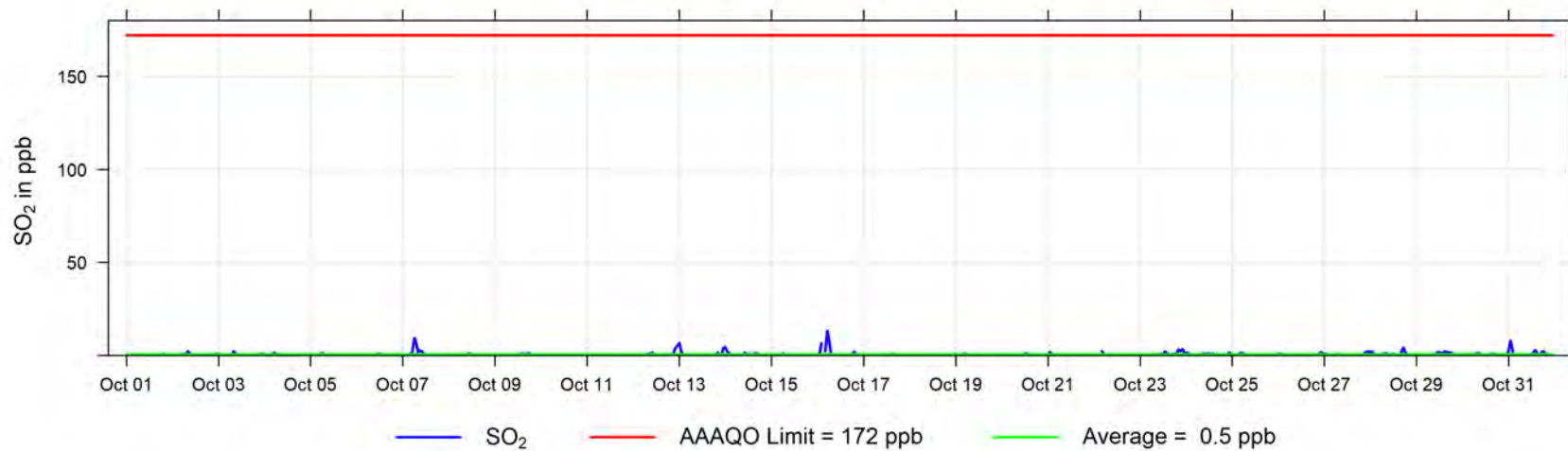
8 Happy Valley (Portable) Charts

The following pages include the charts and histograms for Happy Valley Portable Station

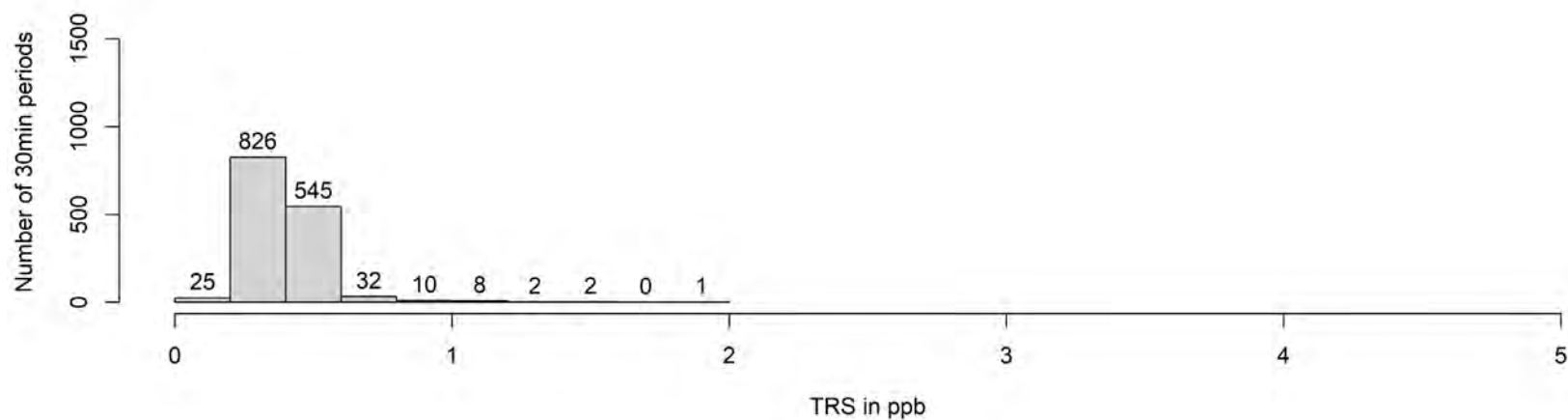
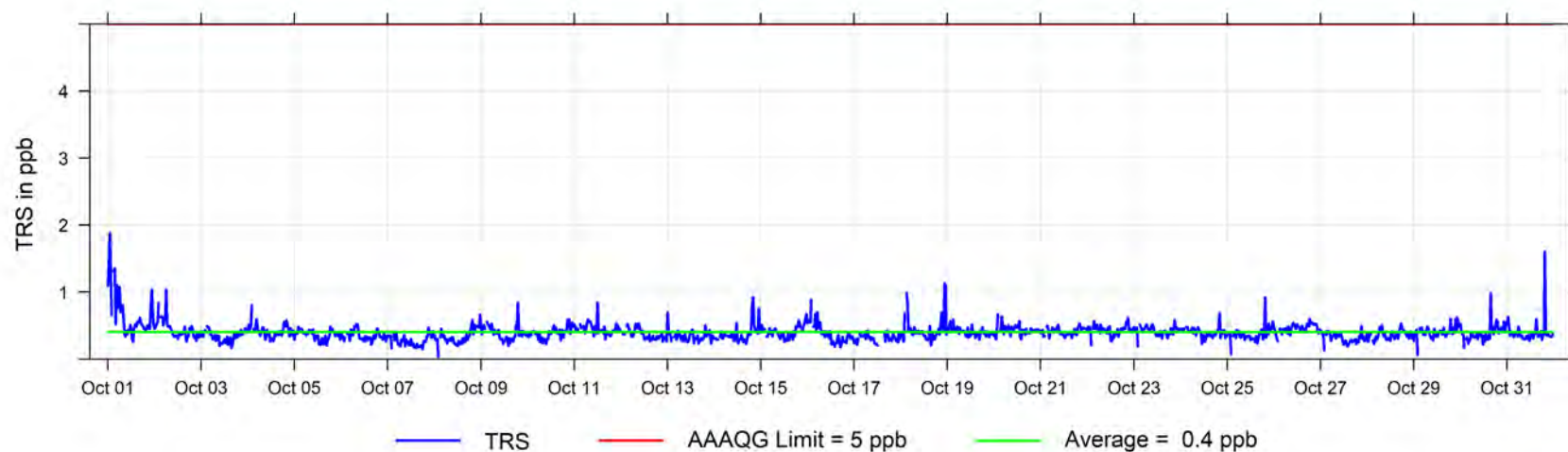
October 2025 Concentration Readings at Happy Valley Station



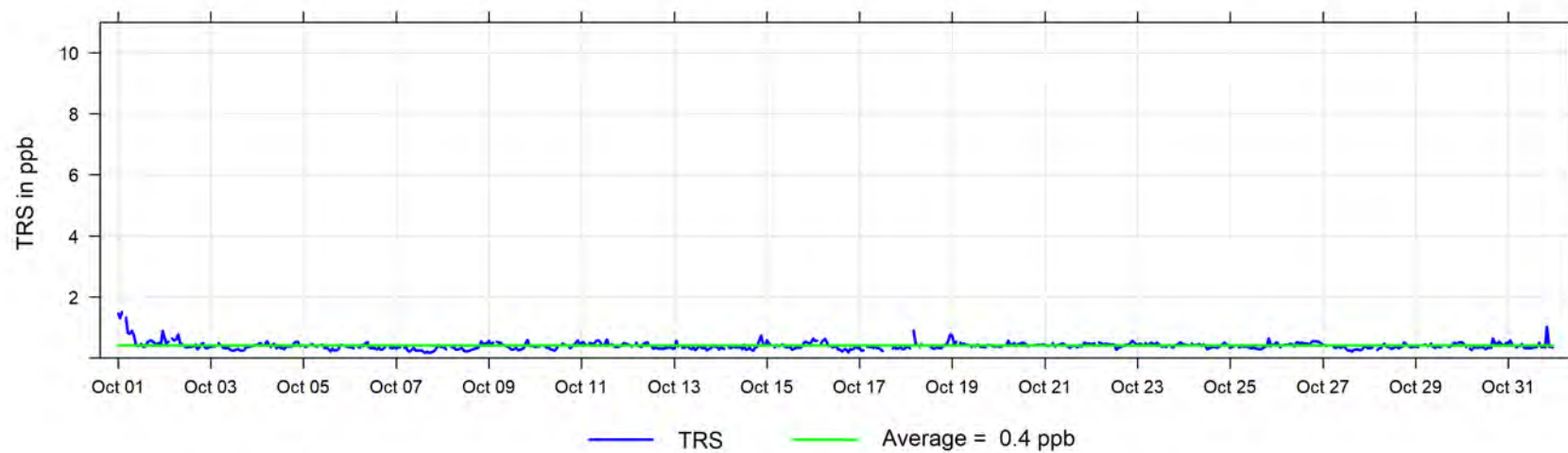
October 2025 Hourly Concentration Readings of SO₂ (in ppb) at Happy Valley



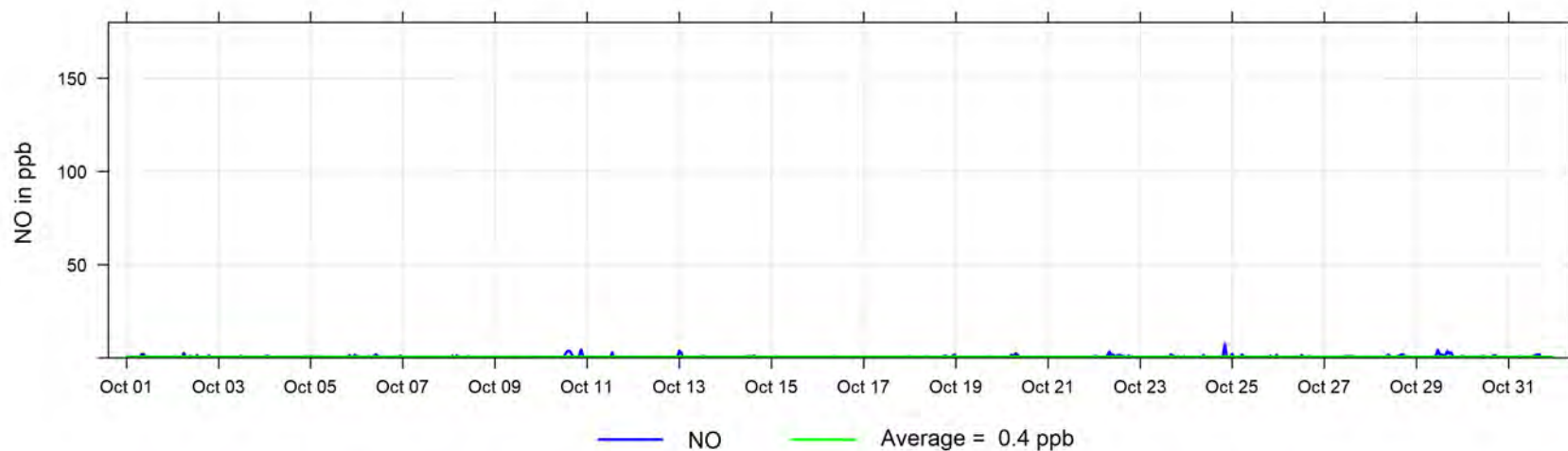
October 2025 30 min Concentration Readings of TRS (in ppb) at Happy Valley



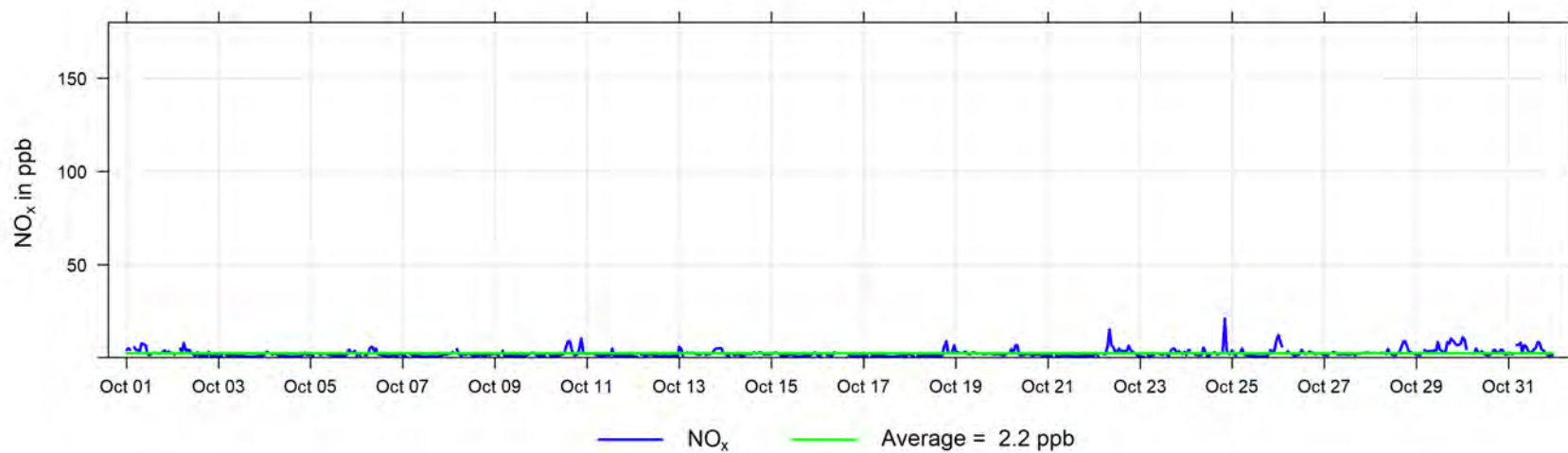
October 2025 Hourly Concentration Readings of TRS (in ppb) at Happy Valley



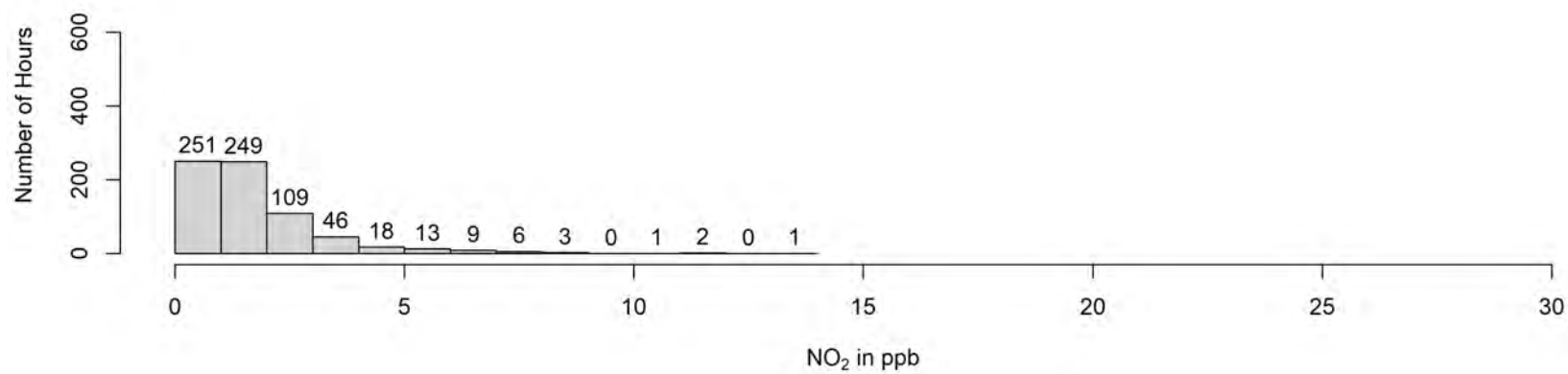
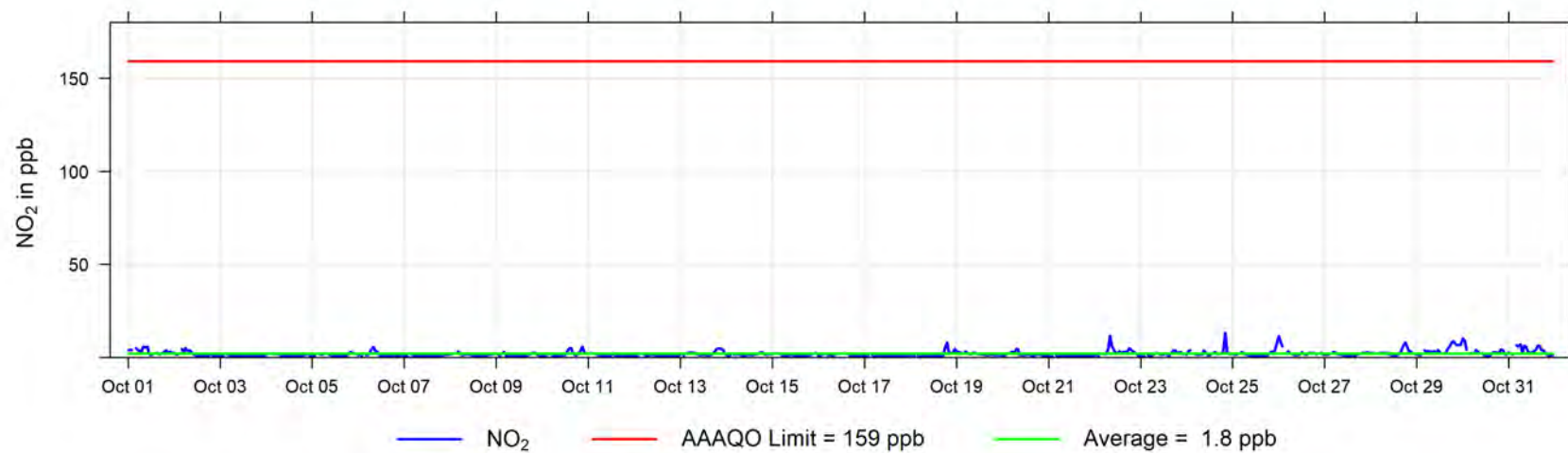
October 2025 Hourly Concentration Readings of NO (in ppb) at Happy Valley



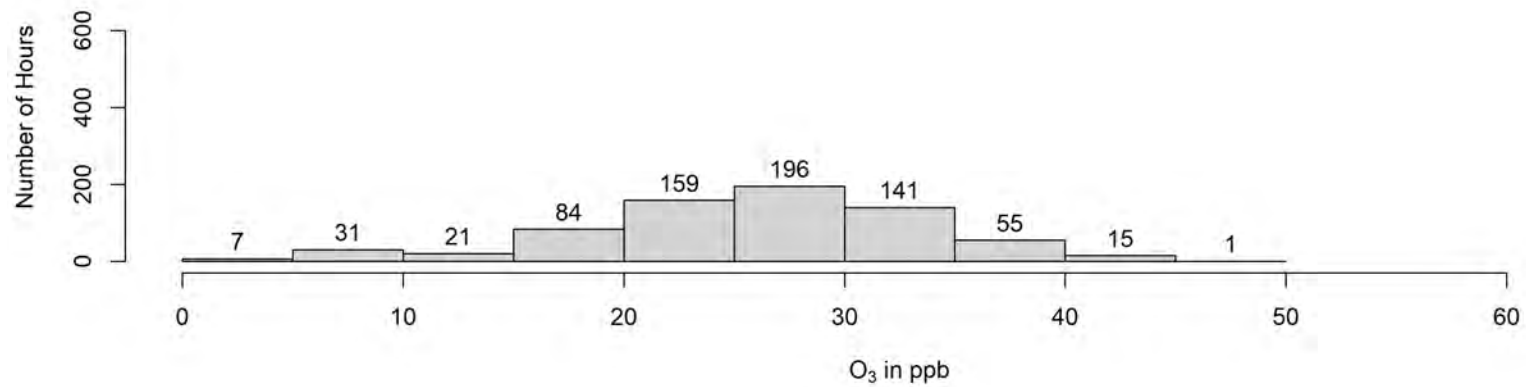
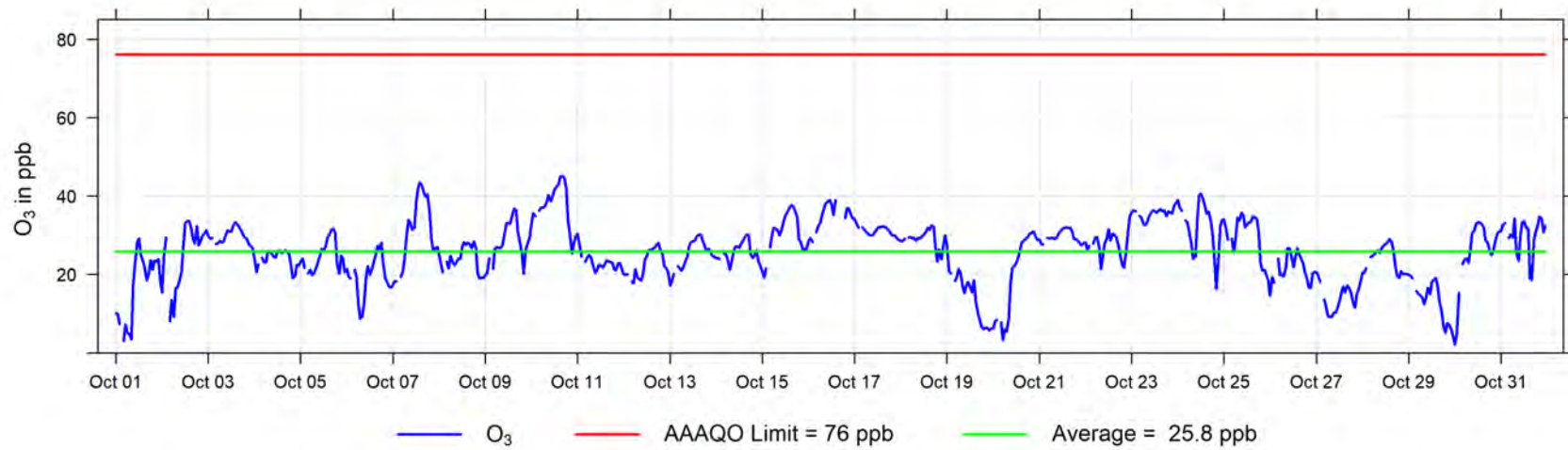
October 2025 Hourly Concentration Readings of NO_x (in ppb) at Happy Valley



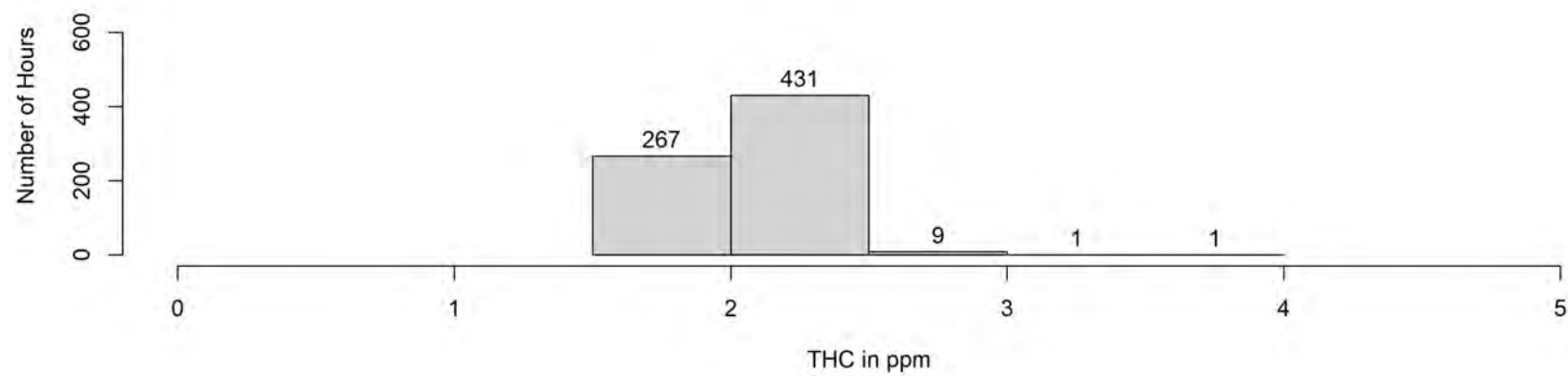
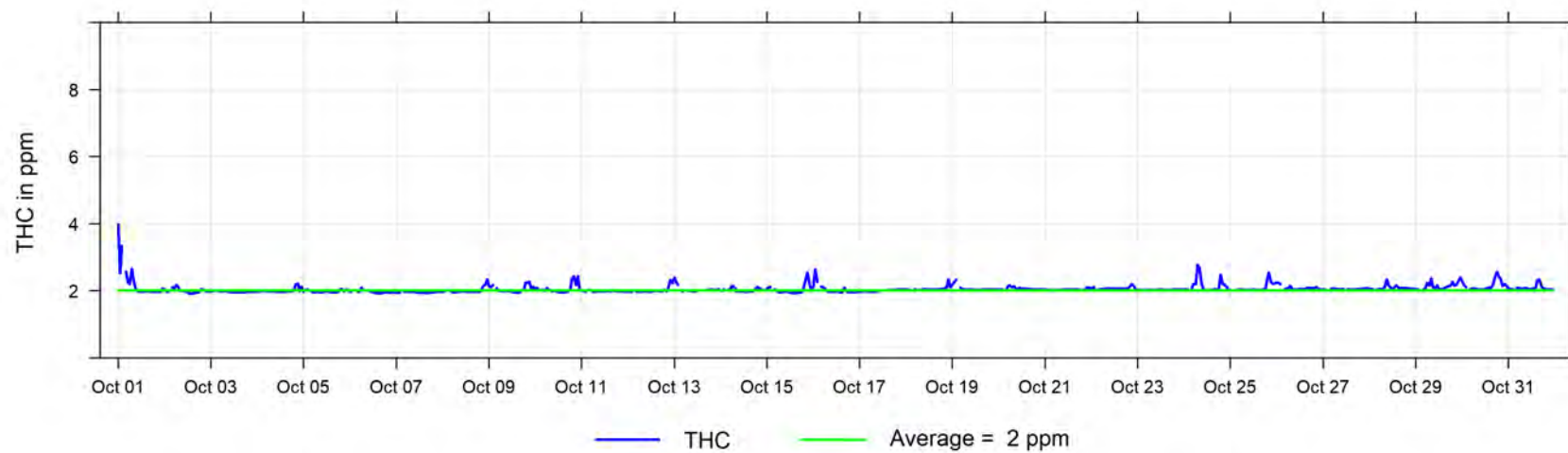
October 2025 Hourly Concentration Readings of NO₂ (in ppb) at Happy Valley



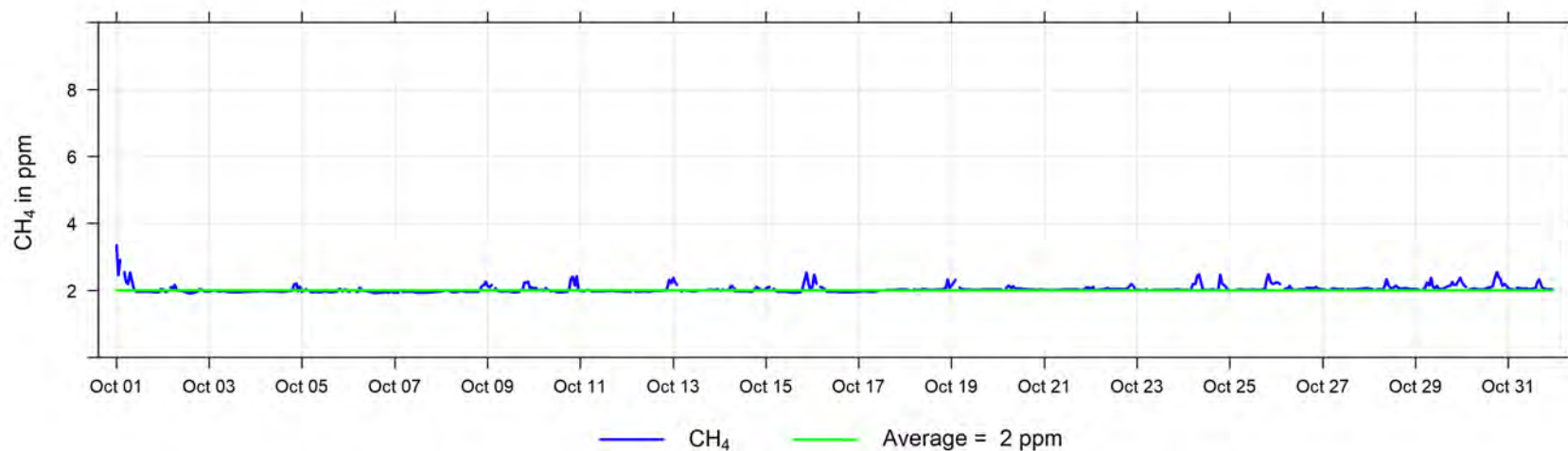
October 2025 Hourly Concentration Readings of O₃ (in ppb) at Happy Valley



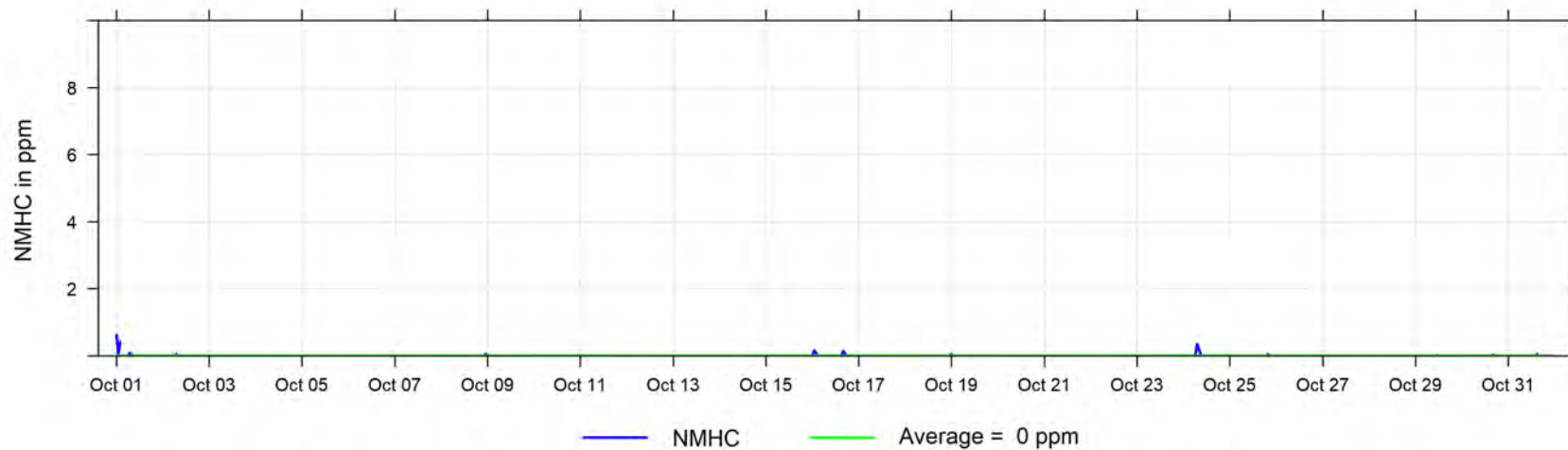
October 2025 Hourly Concentration Readings of THC (in ppm) at Happy Valley



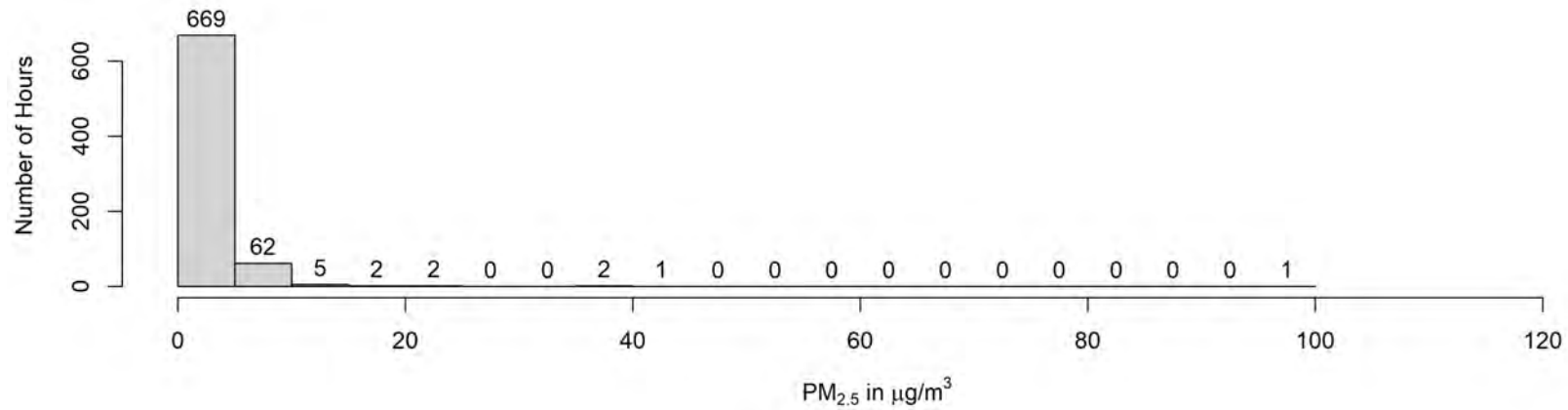
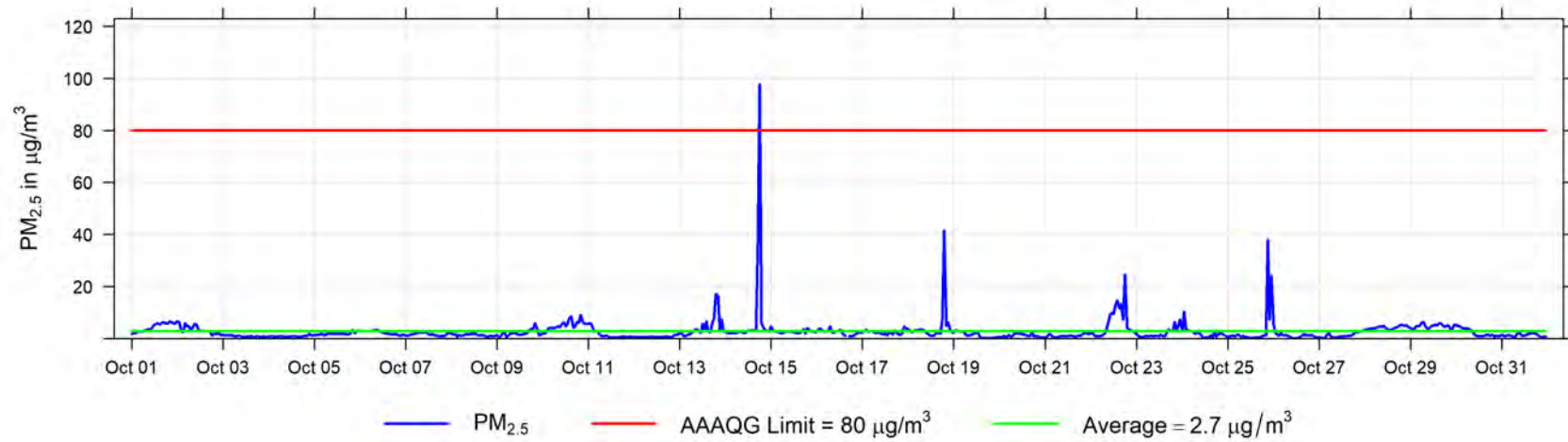
October 2025 Hourly Concentration Readings of CH₄ (in ppm) at Happy Valley



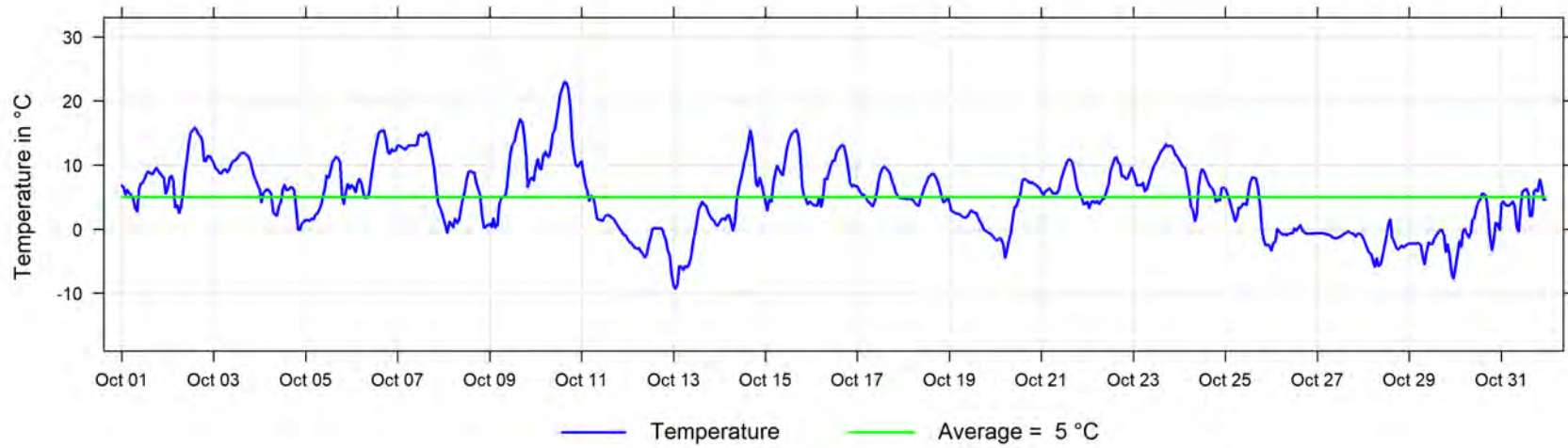
October 2025 Hourly Concentration Readings of NMHC (in ppm) at Happy Valley



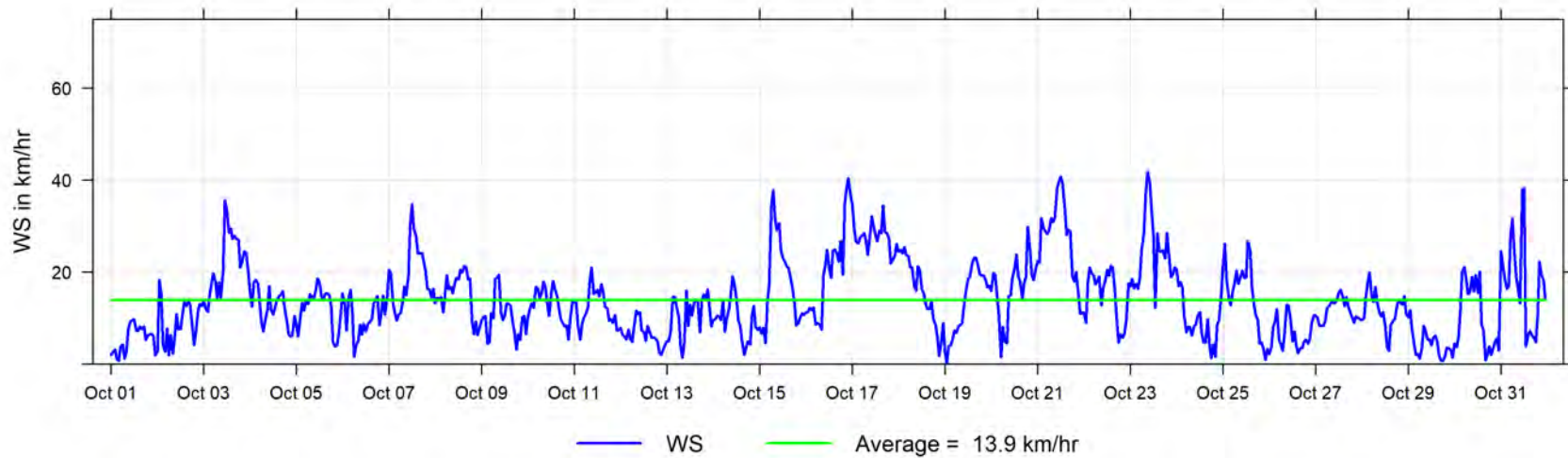
October 2025 Hourly Concentration Readings of PM_{2.5} in µg/m³ at Happy Valley



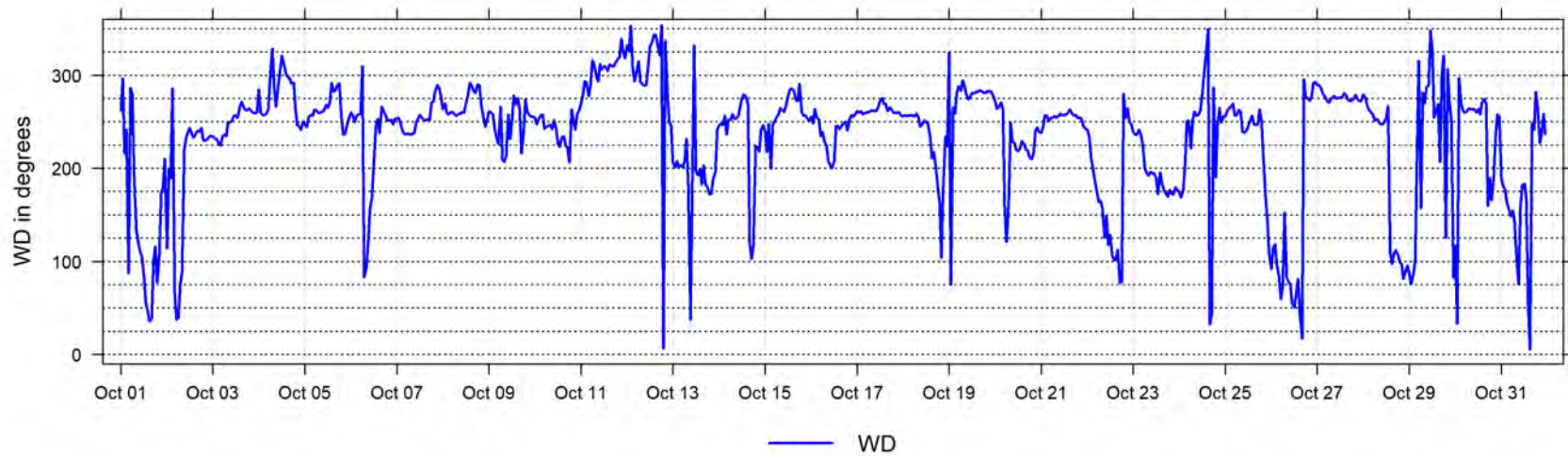
October 2025 Hourly Temperature Readings (in °C) at Happy Valley



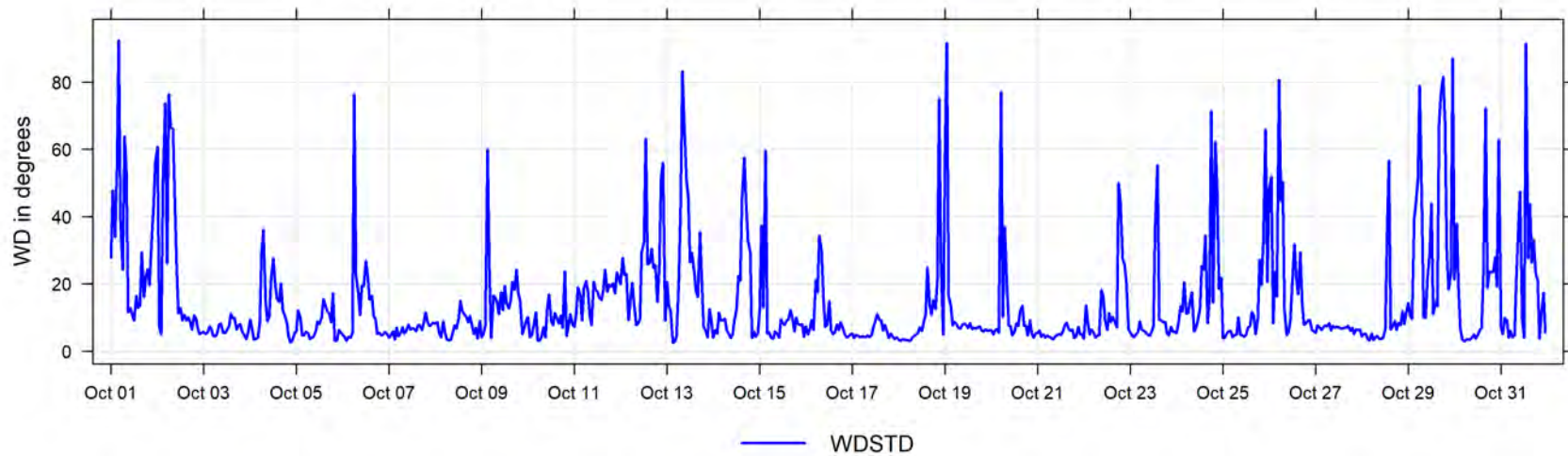
October 2025 Hourly Readings of Wind Speed (in km/hr) at Happy Valley

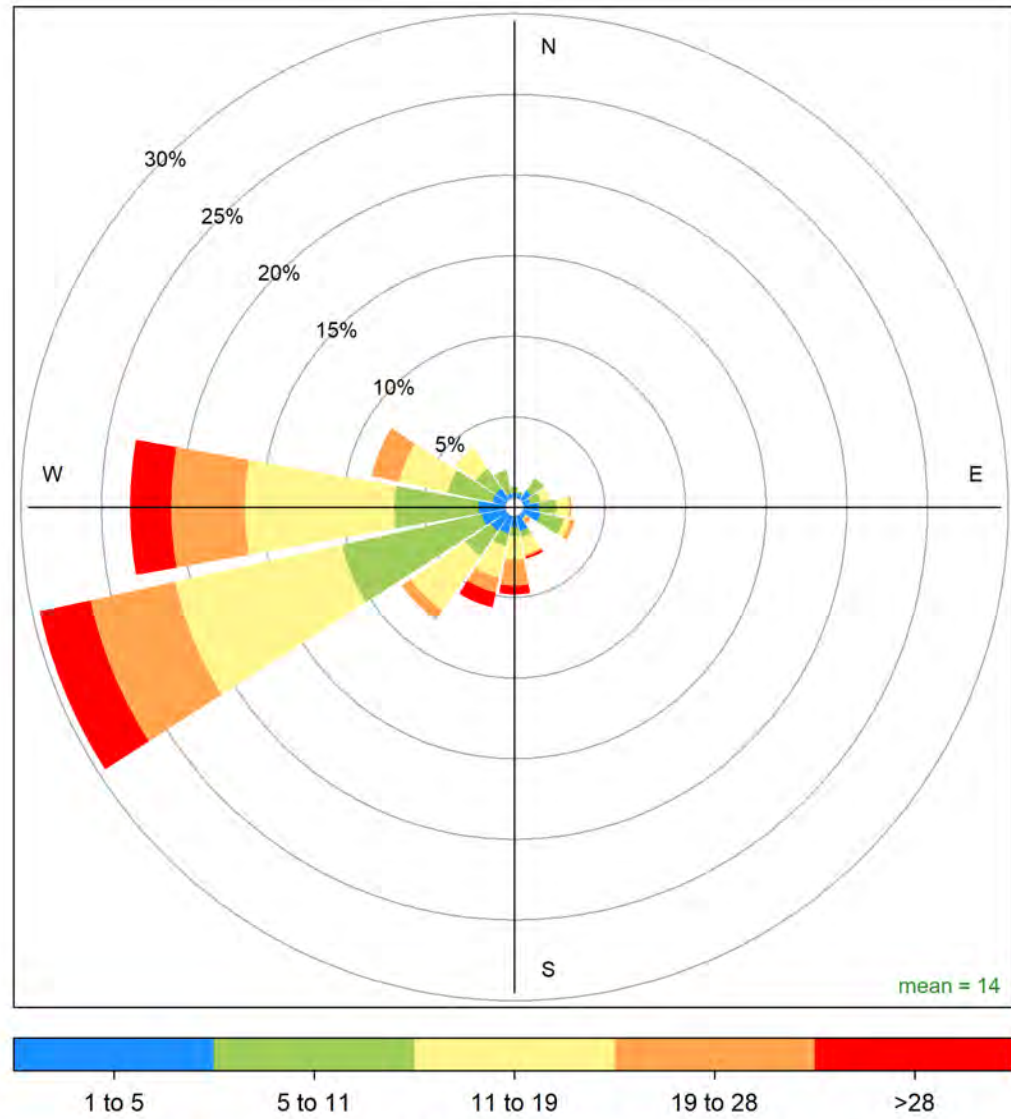


October 2025 Hourly Readings of Wind Direction (in degrees) at Happy Valley



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Happy Valley



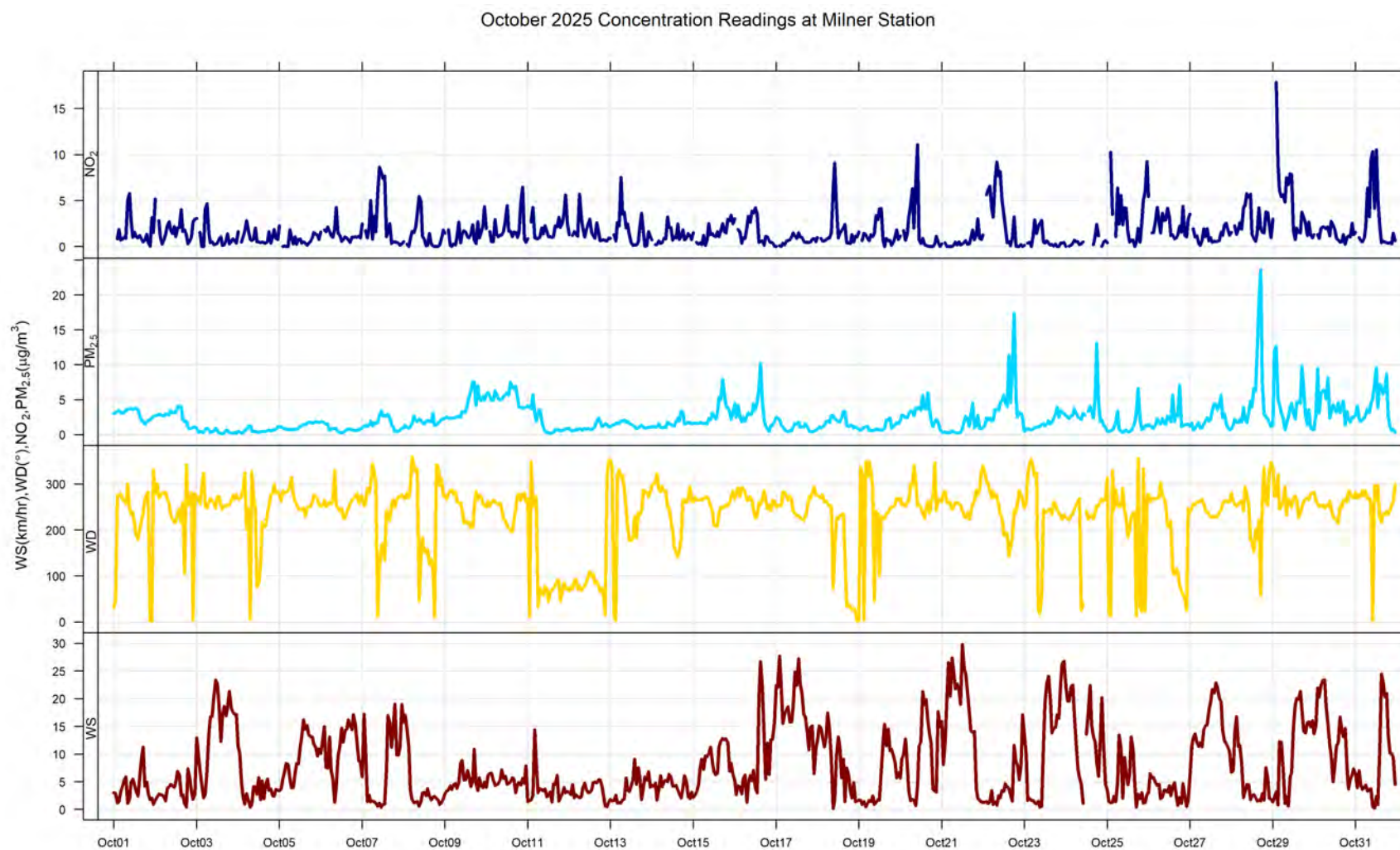


Happy Valley October 2025 Wind Rose, wind speed in km/hr

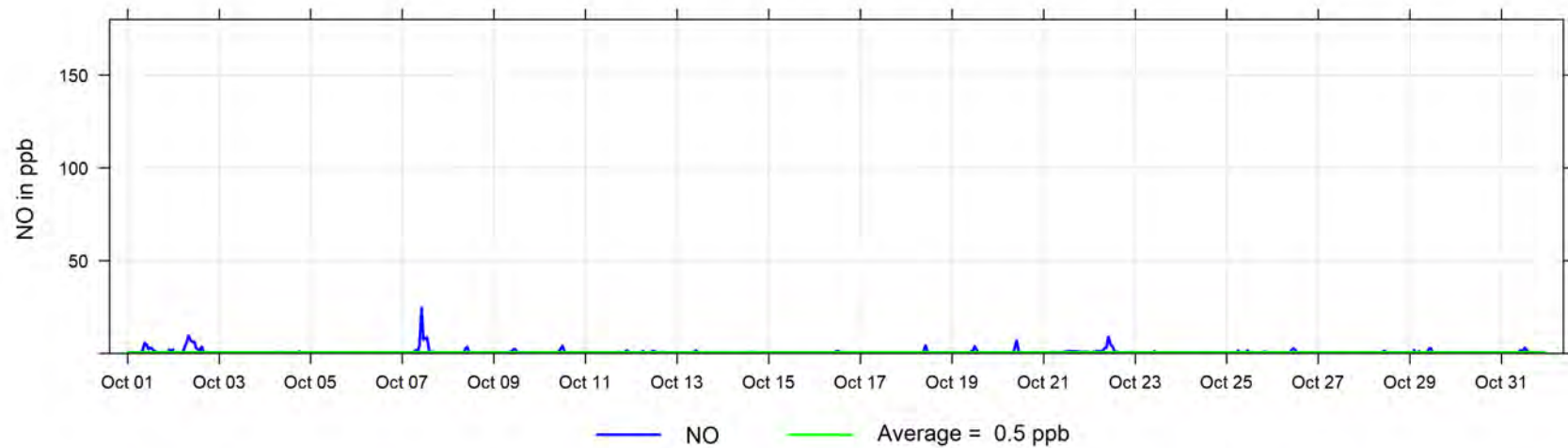
Calms (<1km/hr) = 0.8 %

9 Milner Charts

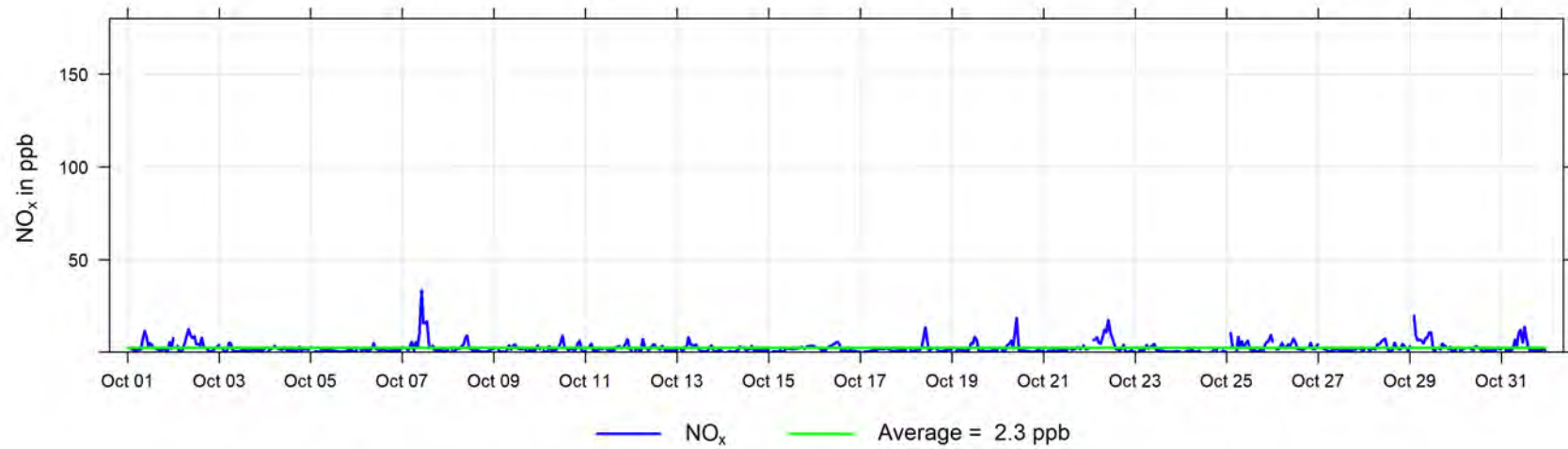
The following pages include the charts and histograms for Milner Station



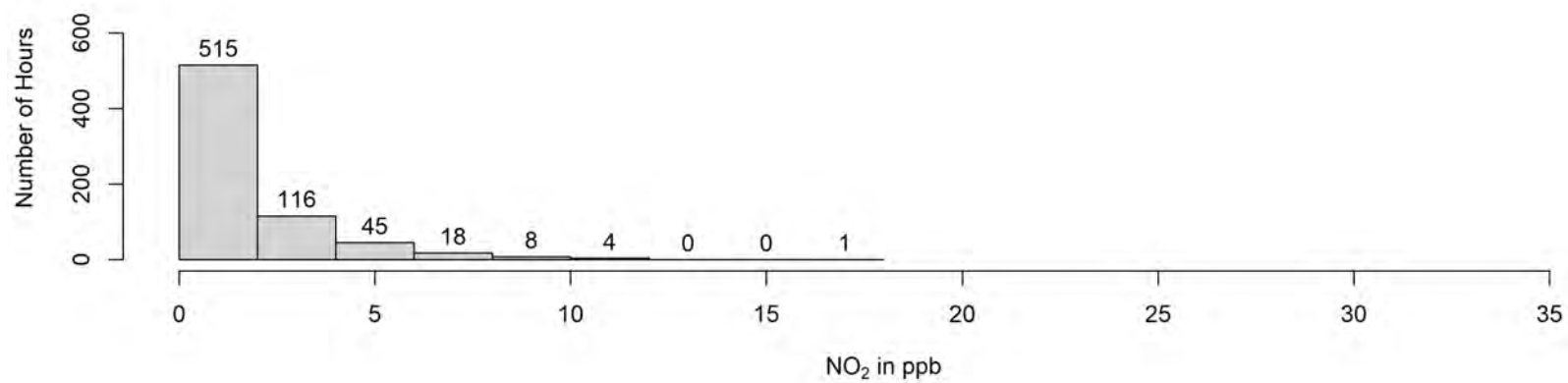
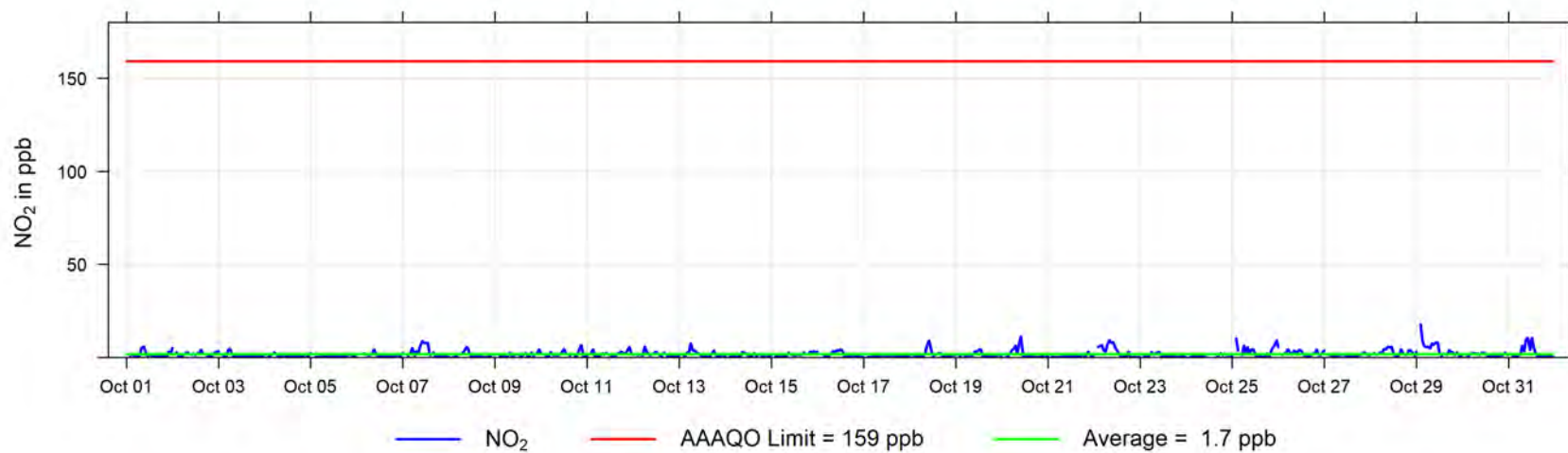
October 2025 Hourly Concentration Readings of NO (in ppb) at Milner



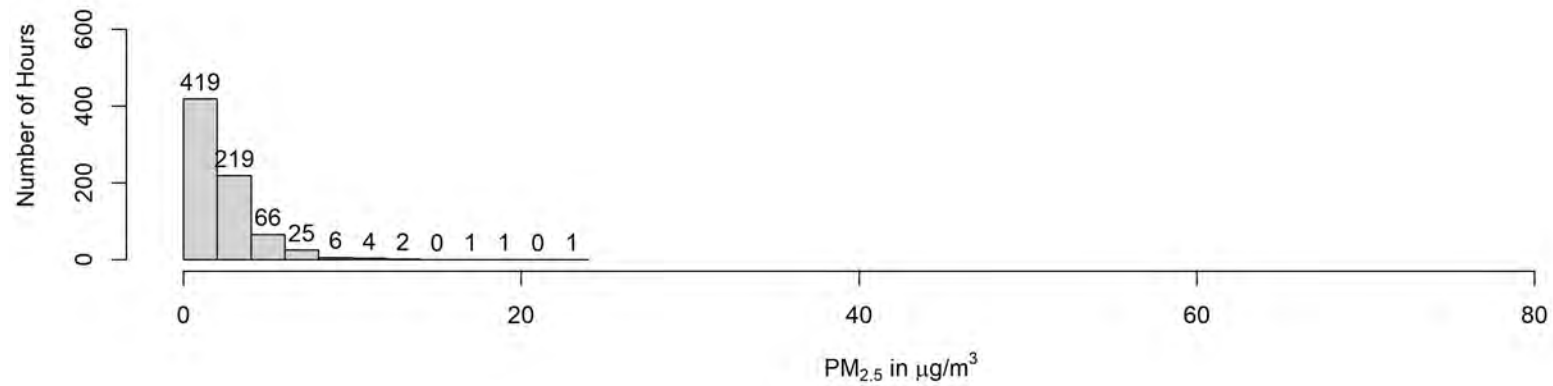
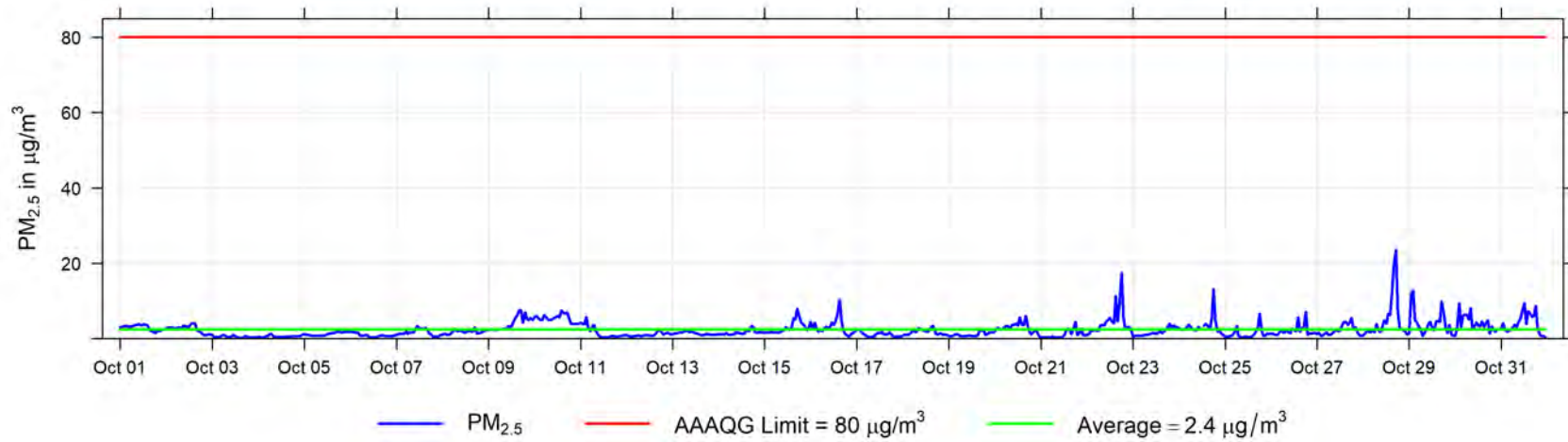
October 2025 Hourly Concentration Readings of NO_x (in ppb) at Milner



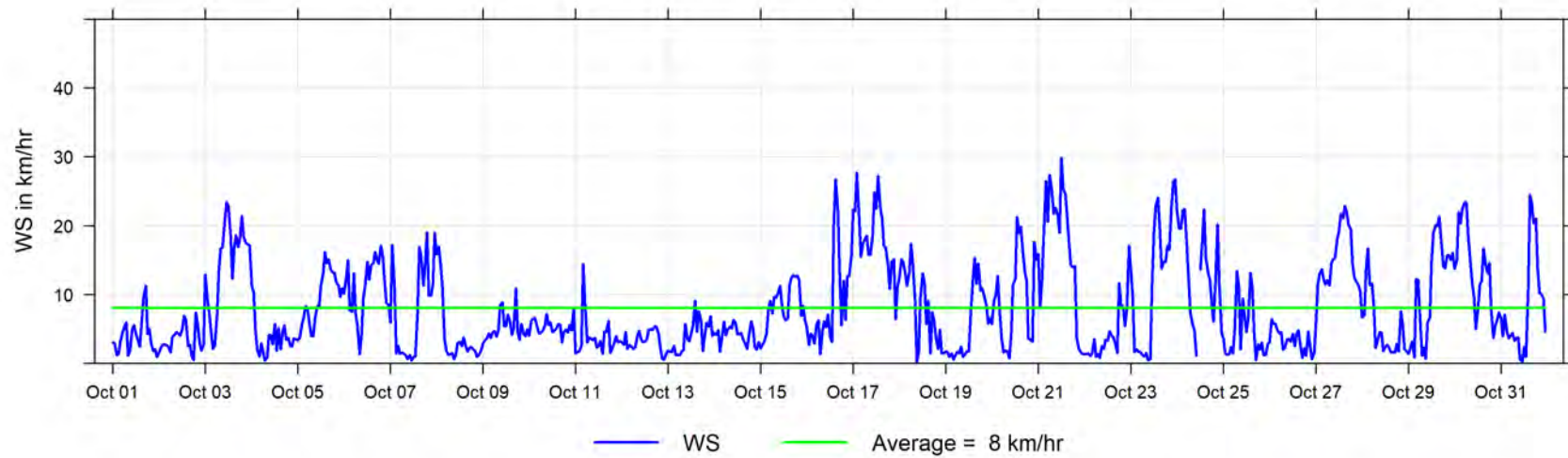
October 2025 Hourly Concentration Readings of NO₂ (in ppb) at Milner



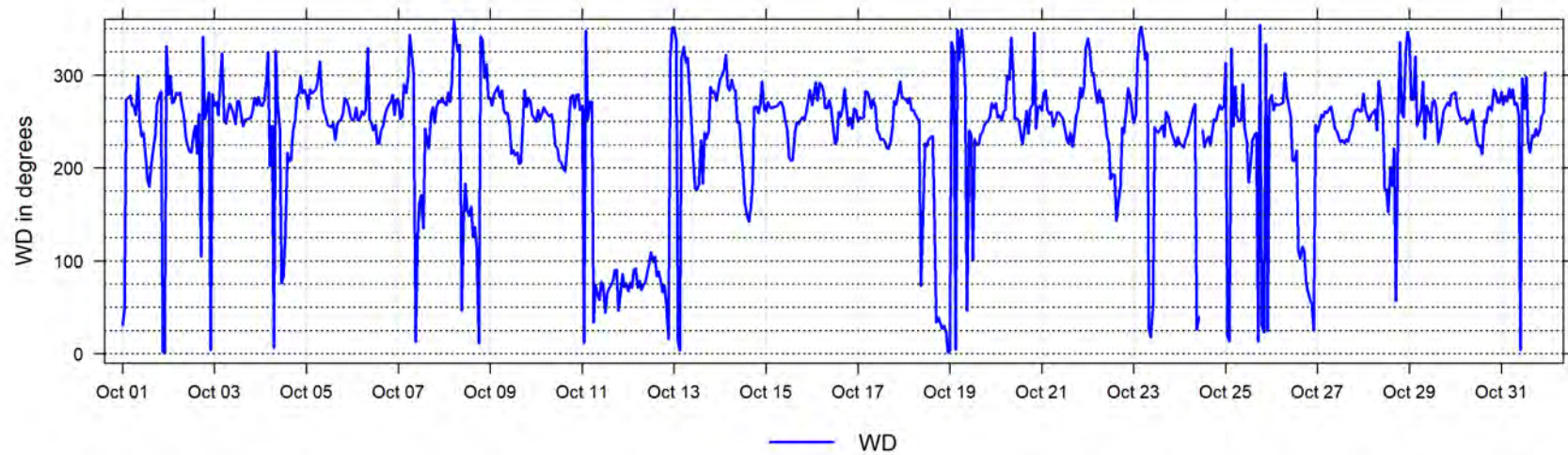
October 2025 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Milner



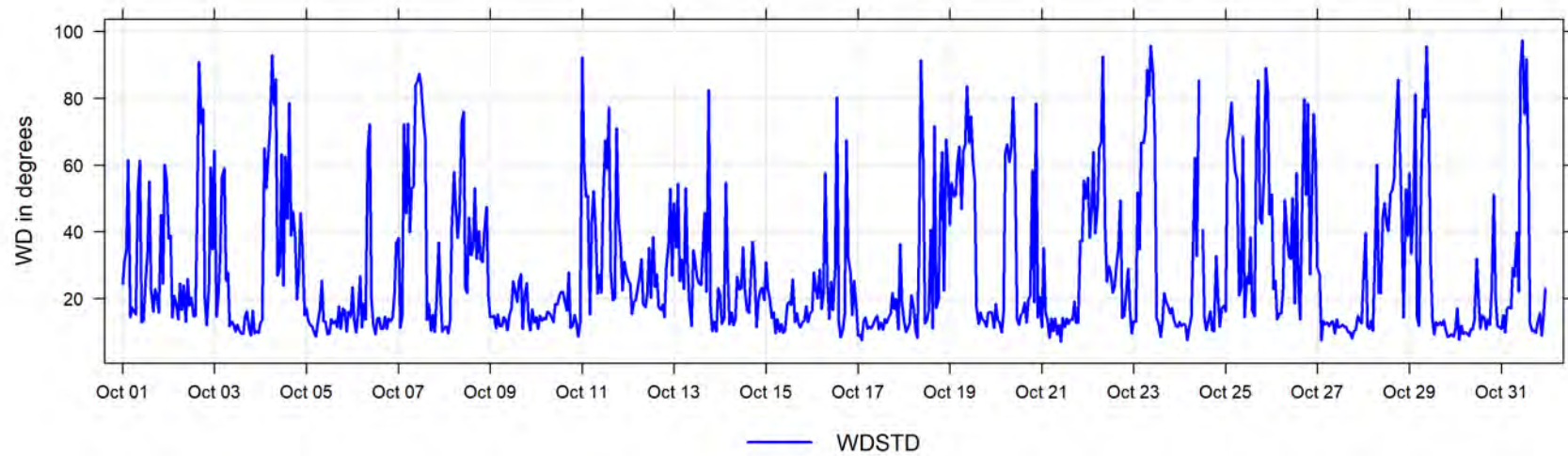
October 2025 Hourly Readings of Wind Speed (in km/hr) at Milner

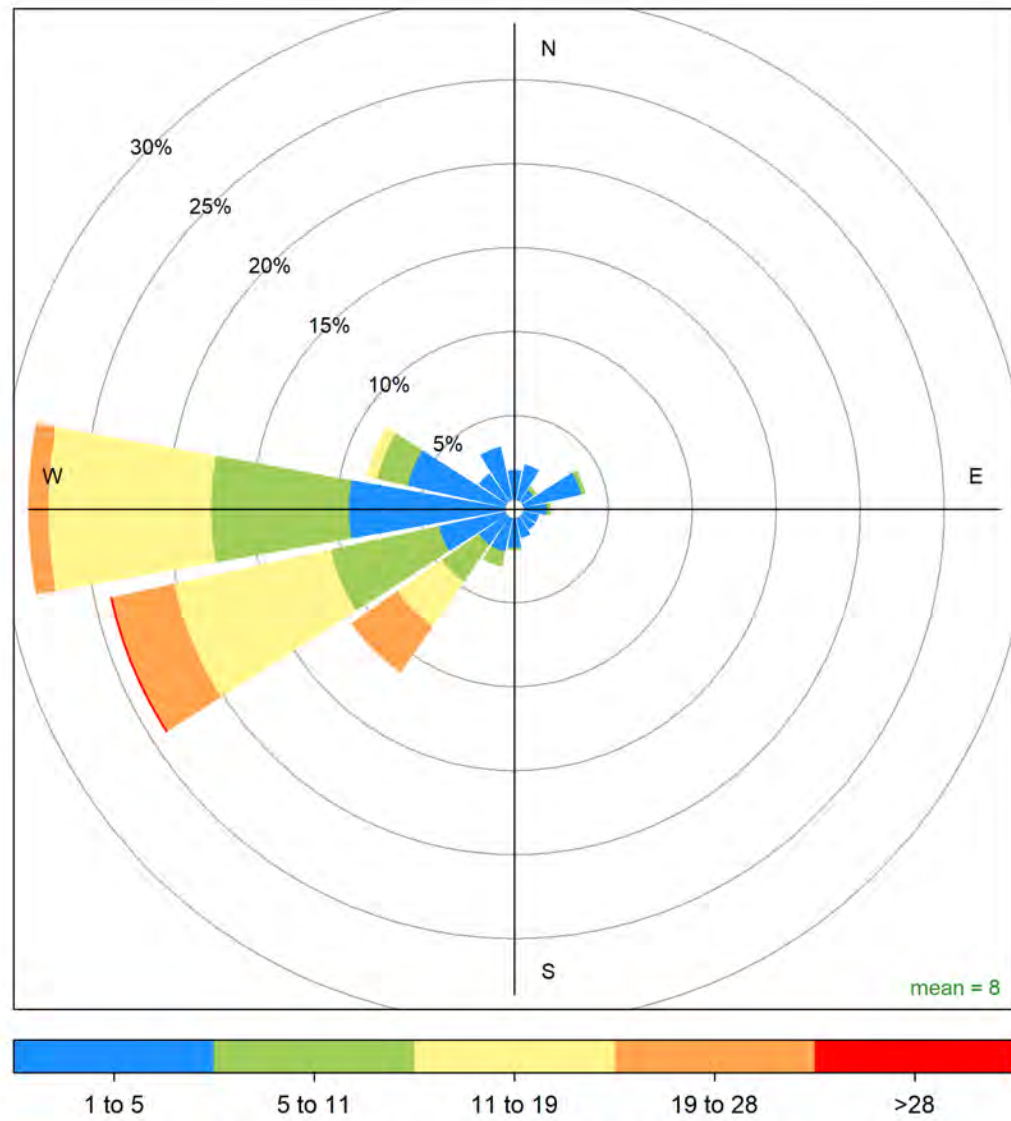


October 2025 Hourly Readings of Wind Direction (in degrees) at Milner



October 2025 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Milner





Milner October 2025 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 4.3 %

10 Passive Monitoring Data

Peace Airshed Zone Association - PAZA Passive Stations for October 2025

Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
Duplicates						
2a	Bay Tree		32.9			13-16-078-13 W6M
2b	Bay Tree		34.1			
11a	Webber Creek	0.4				09-36-074-09 W6M
11b	Webber Creek	0.5				
16a	Beaverlodge	0.3				15-36-071-10 W6M
16b	Beaverlodge	0.4				
18a	Saddle Hills			0.9		04-25-074-07 W6M
18b	Saddle Hills			0.9		
21a	Eaglesham			0.8		16-21-079-25 W5M
21b	Eaglesham			0.8		
24a	Wembley			2.3		12-31-070-08 W6M
24b	Wembley			2.5		
41a	Valleyview	0.1				09-30-069-22 W5M
41b	Valleyview	0.2				
45a	Gift Lake			1.3		10-07-079-12 W5M
45b	Gift Lake			1.2		
46a	Little Smoky	0.1				12-01-065-21 W5M
46b	Little Smoky	0.2				
D1a	Duvernay 1	0.6			0.07	04-33-062-20 W5M
D1b	Duvernay 1	0.4			0.08	
G4a	Girouxville 4				0.32	04-08-077-22 W5M
G4b	Girouxville 4				0.32	
K4a	Kakwa 4			3.1		06-18-063-04 W6M
K4b	Kakwa 4			3.4		
K2a	Kakwa 2	0.6				08-13-063-05 W6M
K2b	Kakwa 2	0.6				
K1a	Kakwa 1				0.04	01-13-063-05 W6M
K1b	Kakwa 1				0.05	
M9Aa	Milner Powerline			1.2		06-14-058-08 W6M
M9Ab	Milner Powerline			1.2		
M10a	Milner Pipeline	<0.1				12-14-058-08 W6M
M10b	Milner Pipeline	<0.1				
J5Da	Jayar5 Camp			5.6		11-08-062-03 W6M
J5Db	Jayar5 Camp			7.8		
J1Da	Jayar1 Plant	<0.1				06-08-062-03 W6M
J1Db	Jayar1 Plant	<0.1				
J2Da	Jayar2 14-8				0.25	07-08-062-03 W6M
J2Db	Jayar2 14-8				0.19	

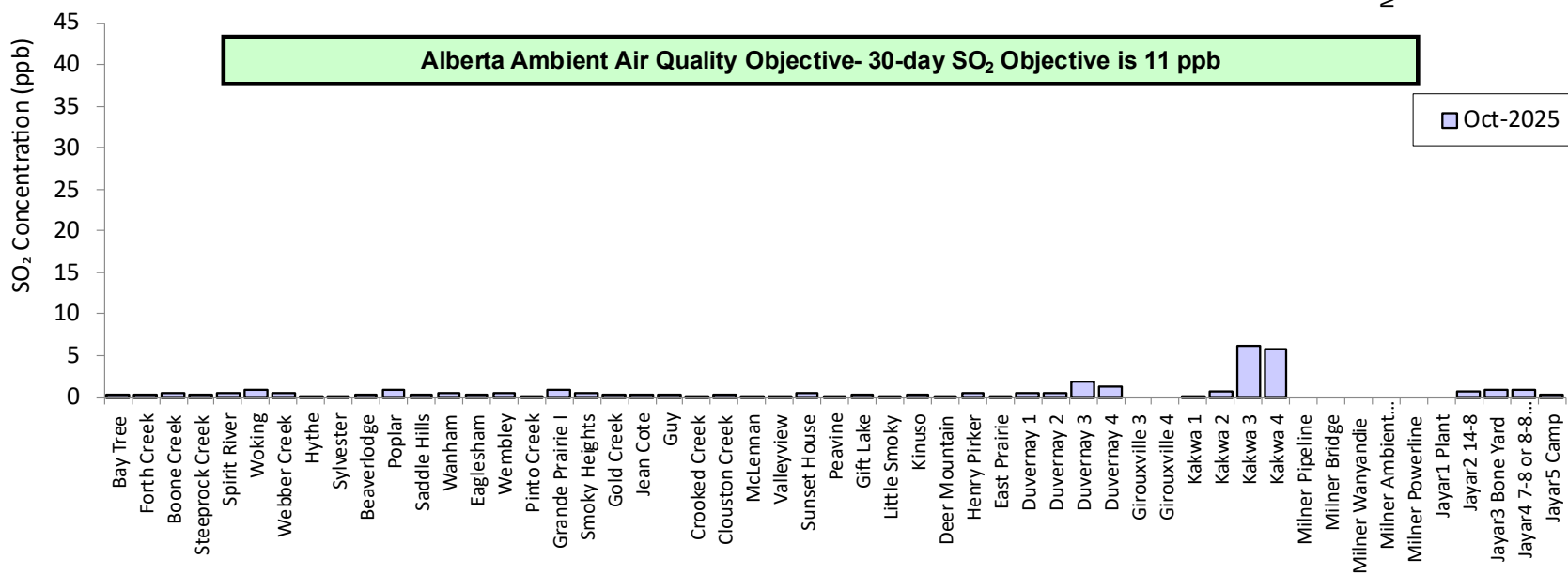
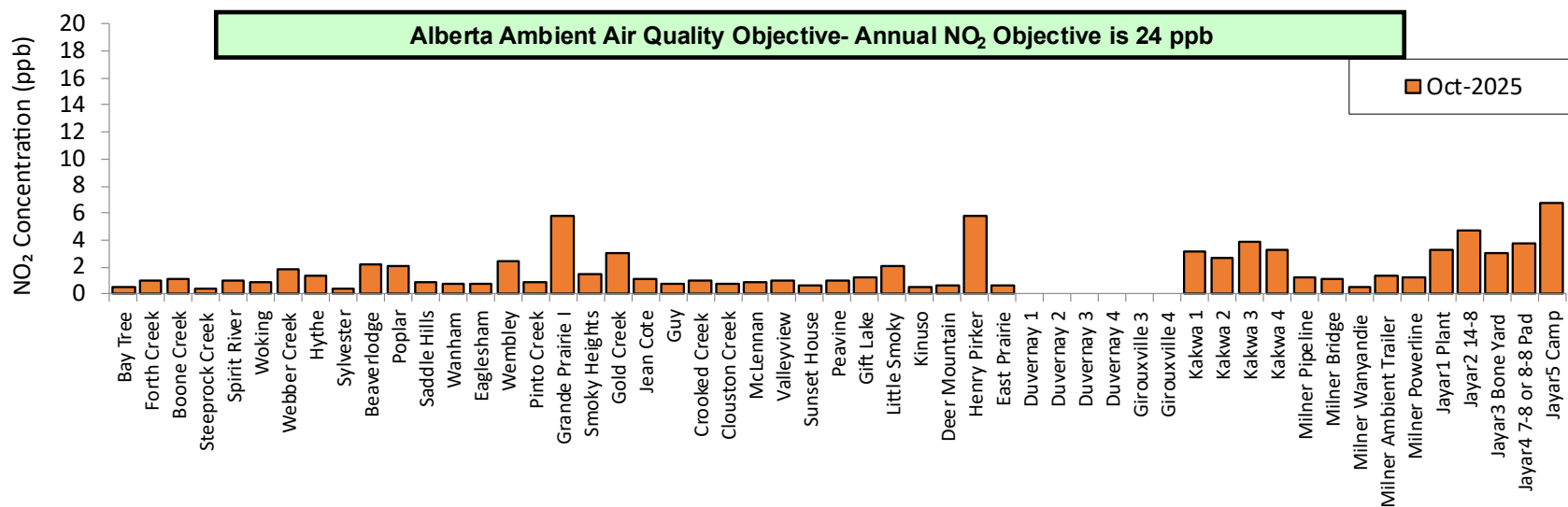
Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
1	Silver Valley	0.2	-	1.0	-	08-27-081-11 W6M
2	Bay Tree	0.3	33.5	0.6	-	13-16-078-13 W6M
3	Forth Creek	0.2	-	1.0	-	04-13-082-07 W6M
5	Boone Creek	0.5	-	1.2	-	01-23-076-11 W6M
7	Steeprock Creek	0.2	-	0.4	-	09-35-072-13 W6M
9	Spirit River	0.5	-	1.0	-	08-12-079-07 W6M
10	Woking	0.9	-	0.9	-	01-13-076-07 W6M
11	Webber Creek	0.4	-	1.9	-	09-36-074-09 W6M
12	Hythe	0.2	-	1.4	-	14-36-072-11 W6M
14	Sylvester	0.1	-	0.4	-	08-06-069-12 W6M
16	Beaverlodge	0.4	-	2.2	-	15-36-071-10 W6M
17	Poplar	0.8	-	2.0	-	13-06-073-08 W6M
18	Saddle Hills	0.4	-	0.9	-	04-25-074-07 W6M
19	Wanham	0.5	-	0.8	-	16-22-077-03 W6M
21	Eaglesham	0.4	-	0.8	-	16-21-079-25 W5M
24	Wembley	0.5	-	2.4	-	12-31-070-08 W6M
25	Pinto Creek	0.1	-	0.8	-	04-24-069-11 W6M
27	Grande Prairie I	0.8	-	5.8	-	08-15-071-06 W6M
29	Smoky Heights	0.5	-	1.4	-	04-06-075-02 W6M
32	Gold Creek	0.3	-	3.0	-	06-33-067-05 W6M
35	Jean Cote	0.3	-	1.1	-	12-35-079-21 W5M
36	Guy	0.3	-	0.7	0.1	03-04-076-22 W5M
37	Crooked Creek	0.2	30.5	1.0	-	16-01-071-26 W5M
39	Clouston Creek	0.2	-	0.7	-	12-01-073-22 W5M
40	McLennan	0.2	-	0.9	-	03-29-077-19 W5M
41	Valleyview	0.2	-	1.0	-	09-30-069-22 W5M
42	Sunset House	0.5	-	0.6	-	05-32-070-19 W5M
44	Peavine	0.2	-	1.0	-	03-05-079-15 W5M
45	Gift Lake	0.2	-	1.2	-	10-07-079-12 W5M
46	Little Smoky	0.2	-	2.1	-	12-01-065-21 W5M
47	Kinuso	0.3	30.4	0.5	-	12-10-073-10 W5M
48	Deer Mountain	0.1	-	0.7	-	15-22-068-09 W5M
49	Henry Pirkner	0.5	-	5.8	-	17-26-071-06 W6M
50	East Prairie	0.2	-	0.6	-	11-13-079-08 W6M
D1	Duvernay 1	0.5	-	-	0.08	04-33-062-20 W5M
D2	Duvernay 2	0.5	-	-	0.11	04-33-062-20 W5M
D3	Duvernay 3	1.9	-	-	0.37	04-33-062-20 W5M
D4	Duvernay 4	1.2	-	-	0.23	04-33-062-20 W5M
G3	Girouxville 3	-	-	-	0.35	14-02-077-23 W5M
G4	Girouxville 4	-	-	-	0.32	04-08-077-22 W5M
K1	Kakwa 1	0.2	-	3.1	0.05	01-13-063-05 W6M
K2	Kakwa 2	0.6	-	2.7	0.12	08-13-063-05 W6M
K3	Kakwa 3	6.2	-	3.9	0.13	12-18-063-04 W6M
K4	Kakwa 4	5.7	-	3.3	0.13	06-18-063-04 W6M
M1	Milner Pipeline	<0.1	-	1.2	-	12-14-058-08 W6M
M2	Milner Bridge	<0.1	-	1.1	-	08-06-057-08 W6M
M3	Milner Wanyandie	<0.1	-	0.5	-	11-13-058-08 W6M
M4	Milner Ambient Trailer	<0.1	-	1.4	-	09-15-058-08 W6M
M5	Milner Powerline	<0.1	-	1.2	-	06-14-058-08 W6M
J1	Jayar1 Plant	<0.1	-	3.3	0.05	06-08-062-03 W6M
J2	Jayar2 14-8	0.7	-	4.7	0.22	07-08-062-03 W6M
J3	Jayar3 Bone Yard	0.8	-	3.0	0.12	14-08-062-03 W6M
J4	Jayar4 7-8 or 8-8 Pad	0.8	-	3.7	0.04	10-08-062-03 W6M
J5	Jayar5 Camp	0.3	-	6.7	0.45	11-08-062-03 W6M

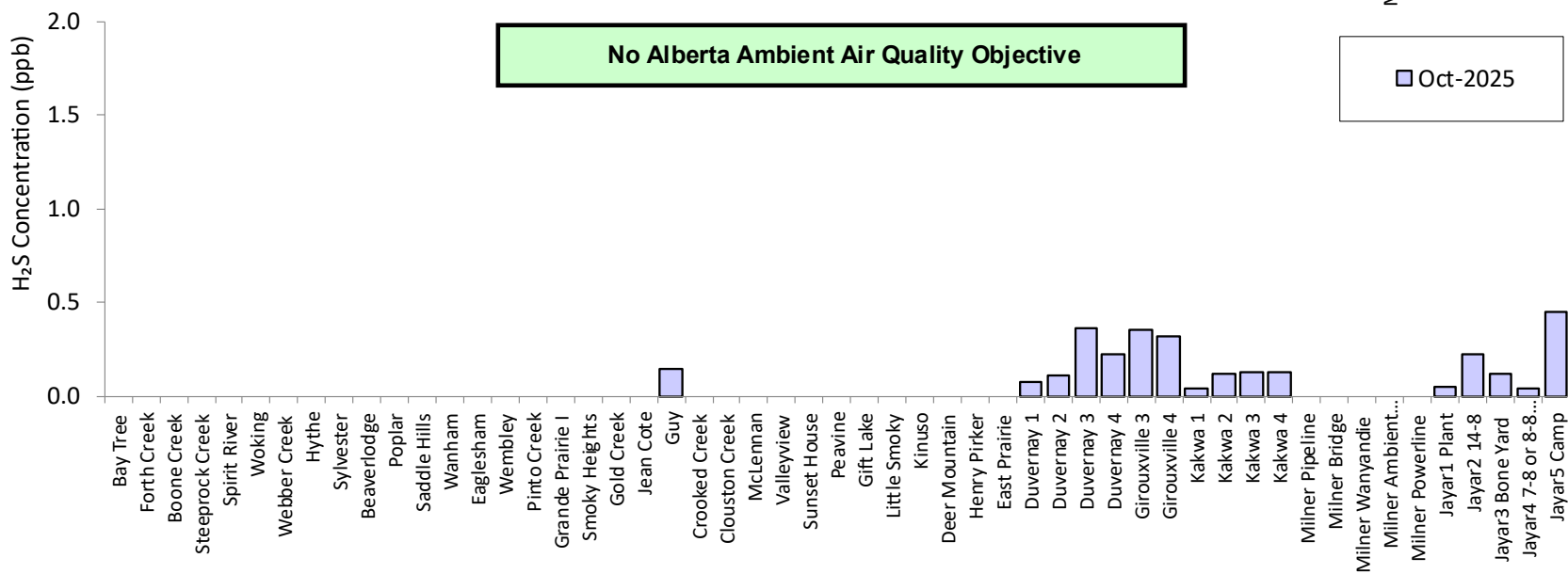
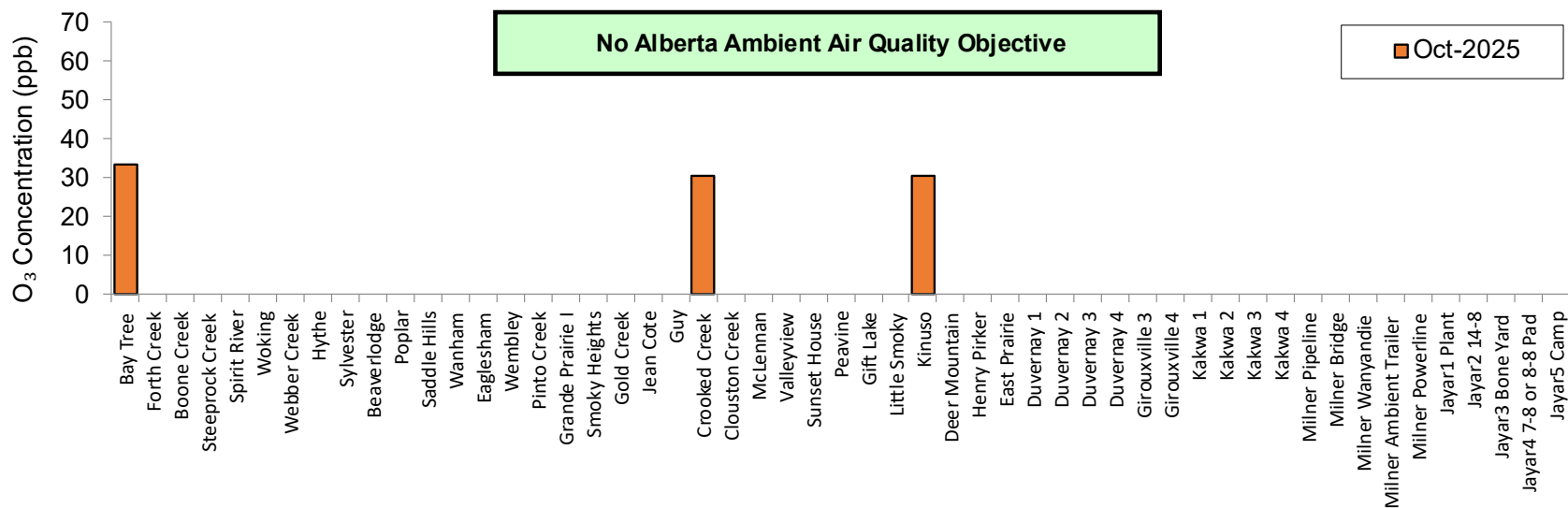
Passive Summary for October 2025

Stats	Sulphur Dioxide SO ₂	Ozone O ₃	Nitrogen Dioxide NO ₂	Hydrogen Sulphide H ₂ S
	ppb	ppb	ppb	ppb

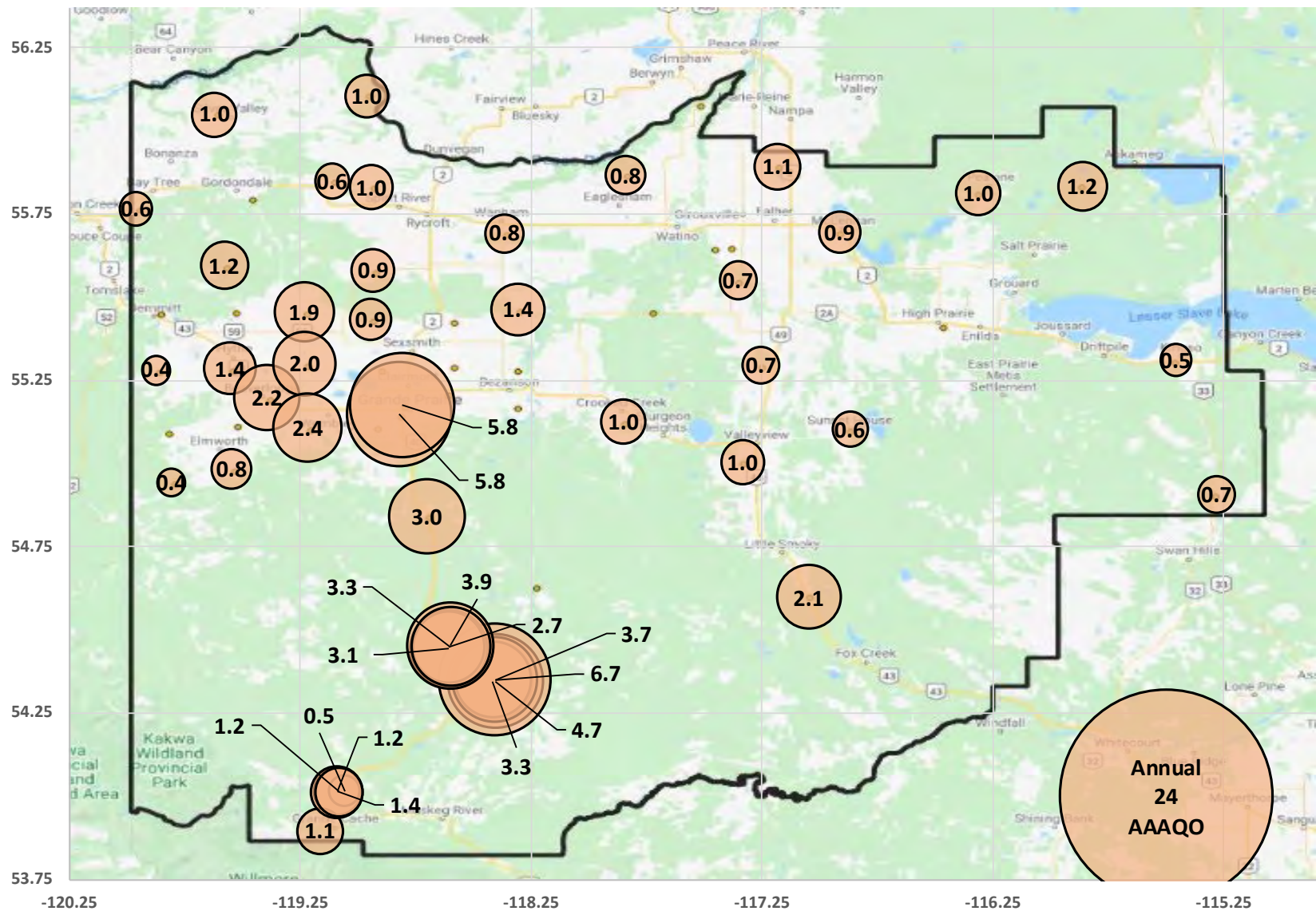
Passive Summary for October 2025 (PAZA)				
Mean	0.7	31.5	1.8	0.2
Standard Deviation	1.2	1.8	1.5	0.1
Minimum	0.1	30.4	0.4	0.0
	Sylvester (#14)	Kinuso (#47)	Sylvester (#14)	Jayar4 7-8 or 8-8 Pad
Maximum	6.2	33.5	6.7	0.5
	Kakwa 3 (#K3)	Bay Tree (#2)	Jayar5 Camp (#J5)	Jayar5 Camp (#J5)

Continuous and Passive Monitoring Comparison				
PAZA Beaverlodge Station	0.3	24.1	3.3	-
Beaverlodge Passive (#16)	0.4	-	2.2	-
PAZA Henry Pirker Station	0.2	18.3	8.6	0.2
Henry Pirker passive (#49)	0.5	-	5.8	-
Milner Station	-	-	1.7	-
Milner passive	<0.1	-	1.4	-





NO₂ Monthly Average (units in ppb)

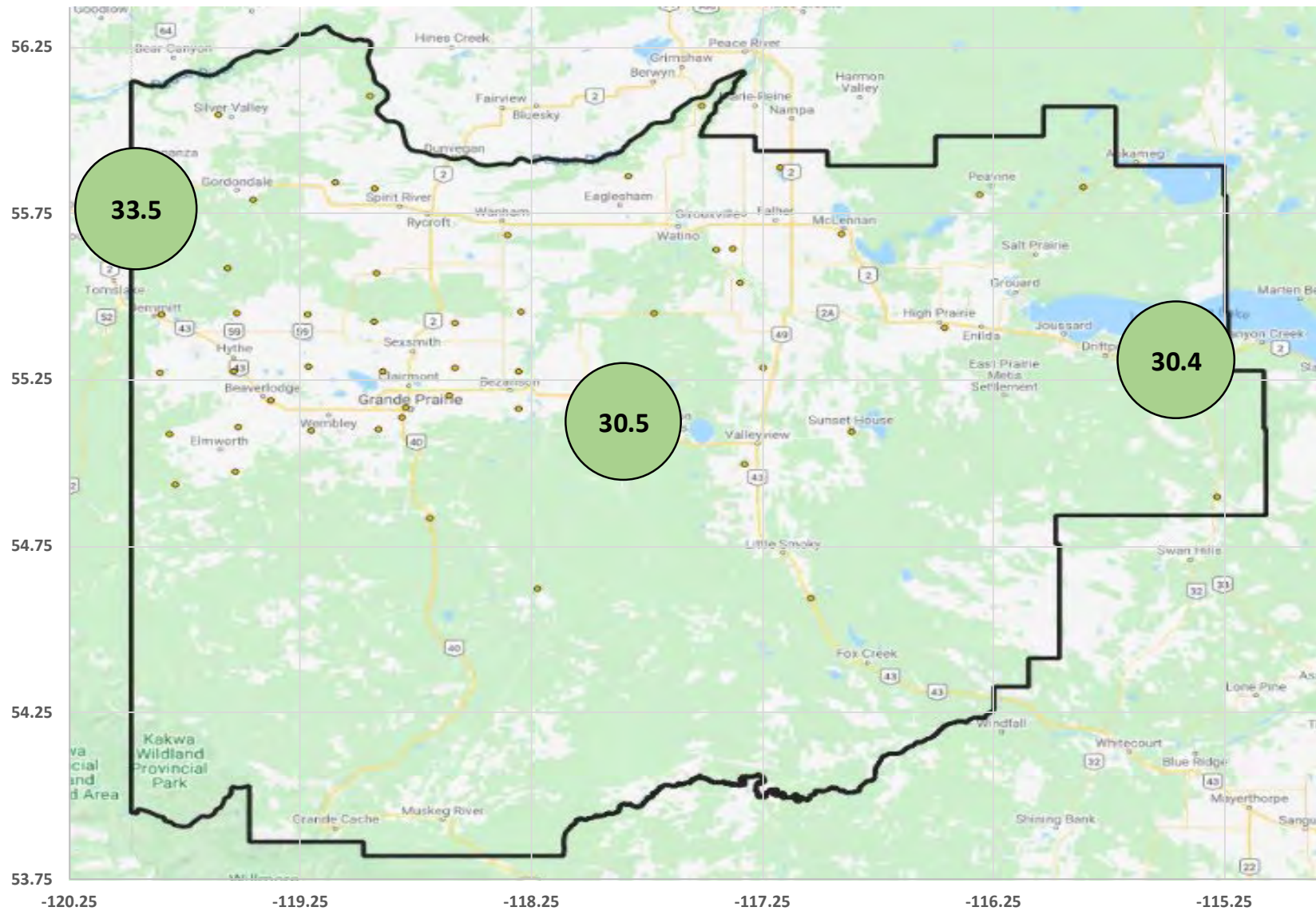


The map displays the Peace River region with 11 Annual Average Air Quality Objectives (AAQOs) marked as blue circles. The values for these objectives are as follows:

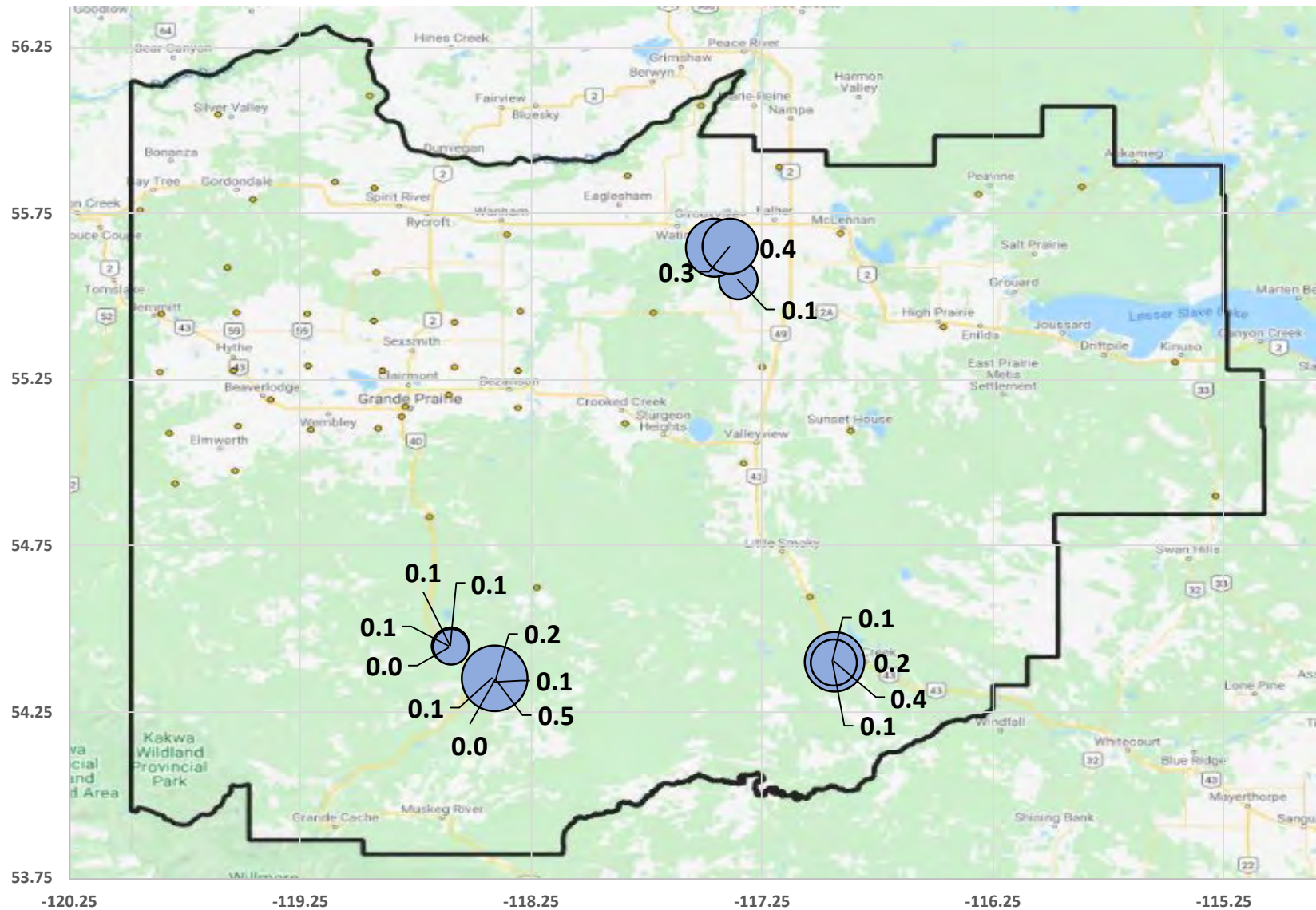
- 0.1 (two locations)
- 0.2 (multiple locations)
- 0.3 (multiple locations)
- 0.4 (multiple locations)
- 0.5 (multiple locations)
- 0.8 (multiple locations)
- 0.9 (one location)
- 5.7 (one location)
- 6.2 (one location)
- 1.2 (one location)
- 1.9 (one location)

The largest circle, labeled "Monthly 11 AAAQO", is located in the bottom right corner of the map.

O₃ Monthly Average (units in ppb)



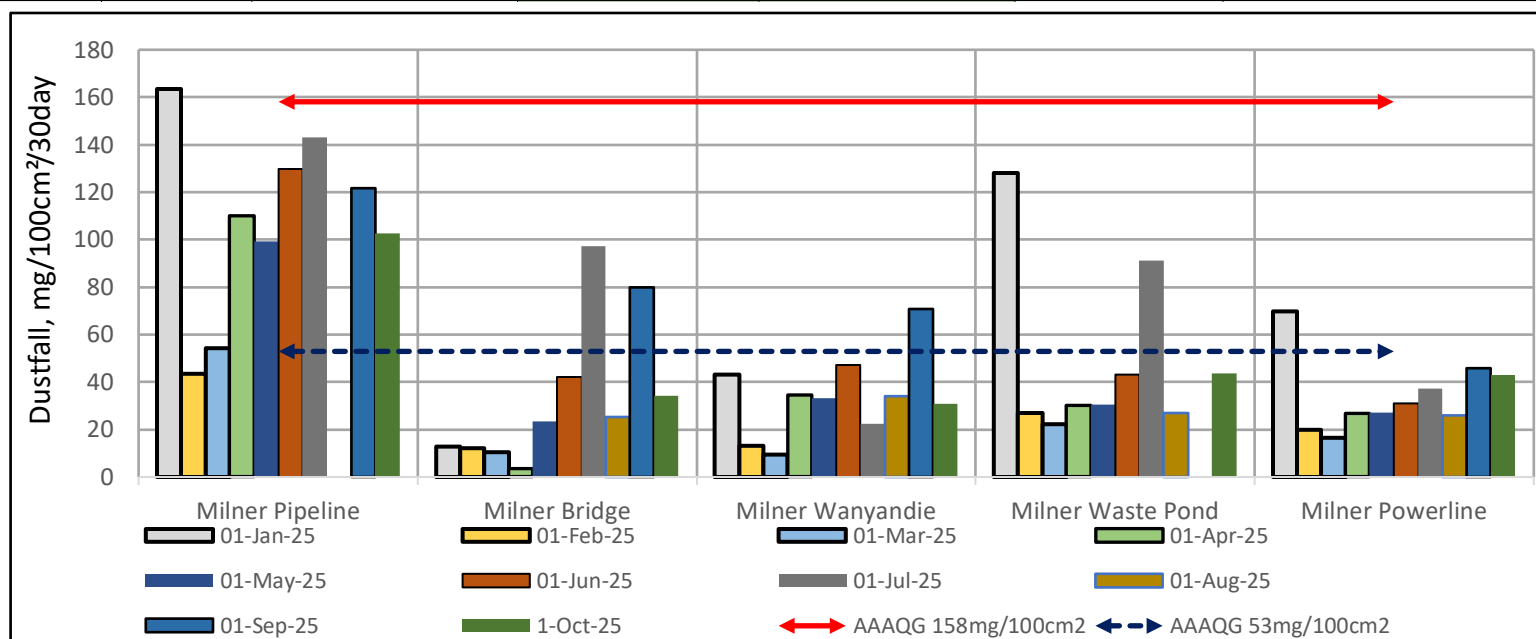
H₂S Monthly Average (units in ppb)



11 Dustfall Monitoring Data

Milner Dustfall Samples October 2025

Exposure Month	Year	Sample	Total Dustfall (30 day) mg/100cm ² /30day	Fixed Dustfall (30 day) mg/100cm ² /30day	Exposure days	Field Notes
October	2025	Milner Pipeline	102.5	35.3	29	
October	2025	Milner Bridge	34.0	11.3	29	
October	2025	Milner Wanyandie	30.8	6.2	29	
October	2025	Milner Waste Pond	43.7	22.7	29	
October	2025	Milner Powerline	42.8	9.2	29	
October	2025	Milner Powerline Dup	33.6	16.8	29	RPD, 24% / 58%



End of Report



Peace Airshed Zone Association

Ambient Air Monitoring Report

October 2025