



Peace Airshed Zone Association

Ambient Air Monitoring Network Summary

Ambient Air Quality Monitoring Program

Monthly Report

May 2026

June 30, 2026

Alberta Environment and Protected Areas

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

Subject: **Peace Airshed Zone Association (PAZA)**
May 2026 Ambient Air Quality Monitoring Report

Please find enclosed the PAZA Ambient Air Quality Monitoring Network Report for the month of May 2026.

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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 May 2026 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:

- nine readings above PM2.5, 1-hr AAAQG and one 24-hr reading above the AAAQO
- one reading above H2S, 1-hr AAAQO

1-hour reading above the PM2.5 AAAQG (80µg/m³) recorded as follows:

Reference	Station	Date	From MST	To MST	1-hour µg/m ³	WS km/hr	WD degrees
EDGE00453111	Dunes	10-May-26	01:00	02:00	91.3	0.3	156
454092	Smoky Heights	09-May-26	20:00	21:00	111.4	6.6	287
454092	Smoky Heights	25-May-26	07:00	08:00	147.4	7.3	46
454092	Smoky Heights	25-May-26	16:00	17:00	89.3	11.6	303
454092	Smoky Heights	27-May-26	16:00	17:00	206.9	20.1	244
454092	Smoky Heights	27-May-26	17:00	18:00	80.3	21.3	249
454092	Smoky Heights	28-May-26	00:00	01:00	94.8	9.7	256
454092	Smoky Heights	28-May-26	16:00	17:00	109.8	13.8	114
454092	Smoky Heights	29-May-26	08:00	09:00	147.9	14.8	302

24-hour reading above the PM2.5 AAAQO (29 µg/m³) recorded as follows:

Reference	Station	Date	24-hour µg/m ³	WS km/hr	WD degrees
454092	Smoky Heights	28-May-26	29.2	8.6	113

1-hour reading above the H2S AAAQO (10ppb) recorded as follows:

Reference	Station	Date	From MST	To MST	1-hour ppb	WS km/hr	WD degrees
453545	Henry Pirker	21-May-26	01:00	02:00	10.2	3.2	172

Operational times less than 90 percent

All equipment operated above 90% for the month with the exception of CH4 and NMHC from Grande Prairie Henry Pirker, when then THC 55i was replaced with THC 51i (which only measures for THC), reference EDGE00455384

Air Incidents

None to report

AEPA audit performed

AEPA Audit performed at Fox Creek on May 4, 2026

Deviations from Authorized Monitoring Methods

Due to failure of 55i THC/CH4/NMHC analyzer at Grande Prairie-Henry Pirker, a 51i spare was installed resulting in only THC being reported for month of May 2026

Passive Monitoring

54 Stations throughout the PAZA zone

- Passive sample analyses were performed by Bureau Veritas Laboratories
- Field notes indicated that the Milner NO₂ passive was found apart on the ground.

There were 20 duplicates sampled in the month of May:

- Eight SO₂ duplicates located at Boone Creek, Wanham, Wembley, Little Smoky, Duvernay 4, Kakwa 3, Milner Powerline, Jayar5 Camp
 - RPD ranging from 0% to 25% (no fails)
 - Duplicate sample at Milner Powerline were <0.1ppb and 0.2ppb
- One O₃ duplicate at Bay Tree
 - RPD of 1% (no fail)
- Seven NO₂ duplicates at Spirit River, Poplar, McLennan, Sunset House, Kakwa 4, Milner Pipeline, Jayar2 14-8
 - RPD ranging from 0% to 18% (no fails)
- Four H₂S duplicates at Duvernay 4, Girouxville 3, Kakwa 1, Jayar4 7-8 or 8-8 Pad
 - RPD ranging from 4% to 29% (no fails)
 - Duplicate at Kakwa 1 were both <0.02ppb

Dustfall Monitoring

- Five Stations collected Total Dustfall and Fixed Dustfall
- Total dustfall ranged from 23.5 to 93.4 mg/100cm²/30day
- RPD was 8 to 67% (with fixed dustfall failing, samples were 5.7 and 11.4mg/100cm²/30day)

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.

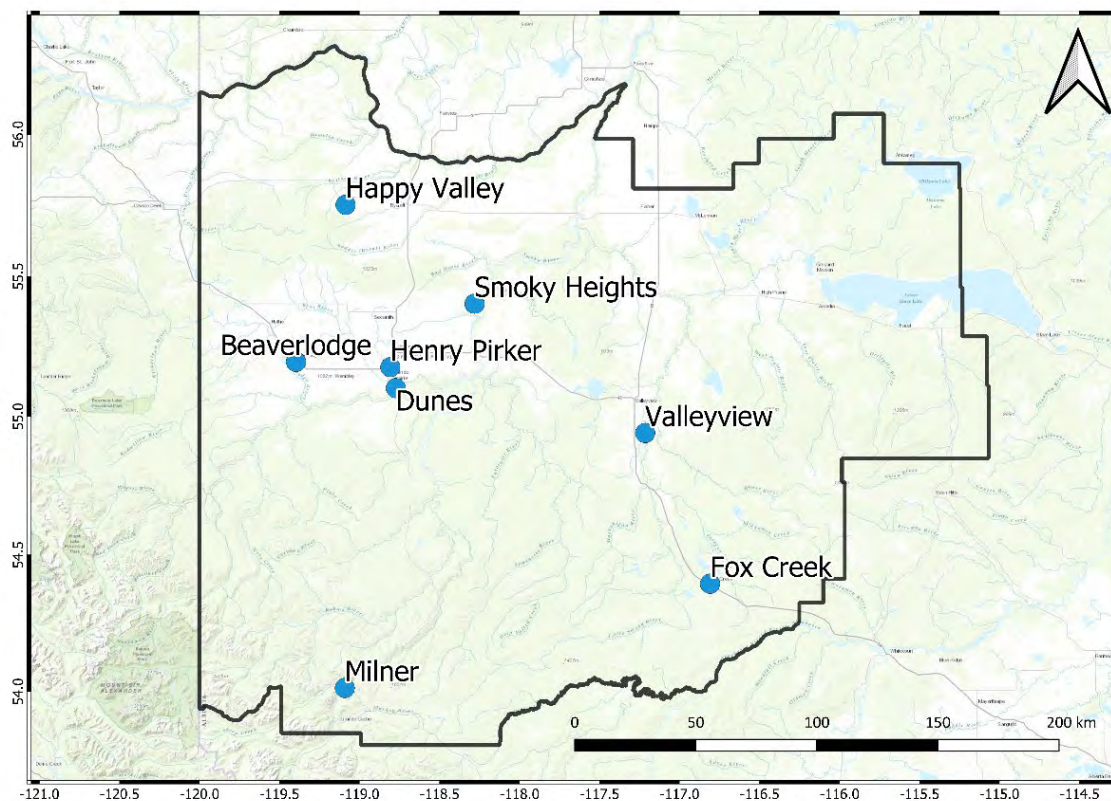


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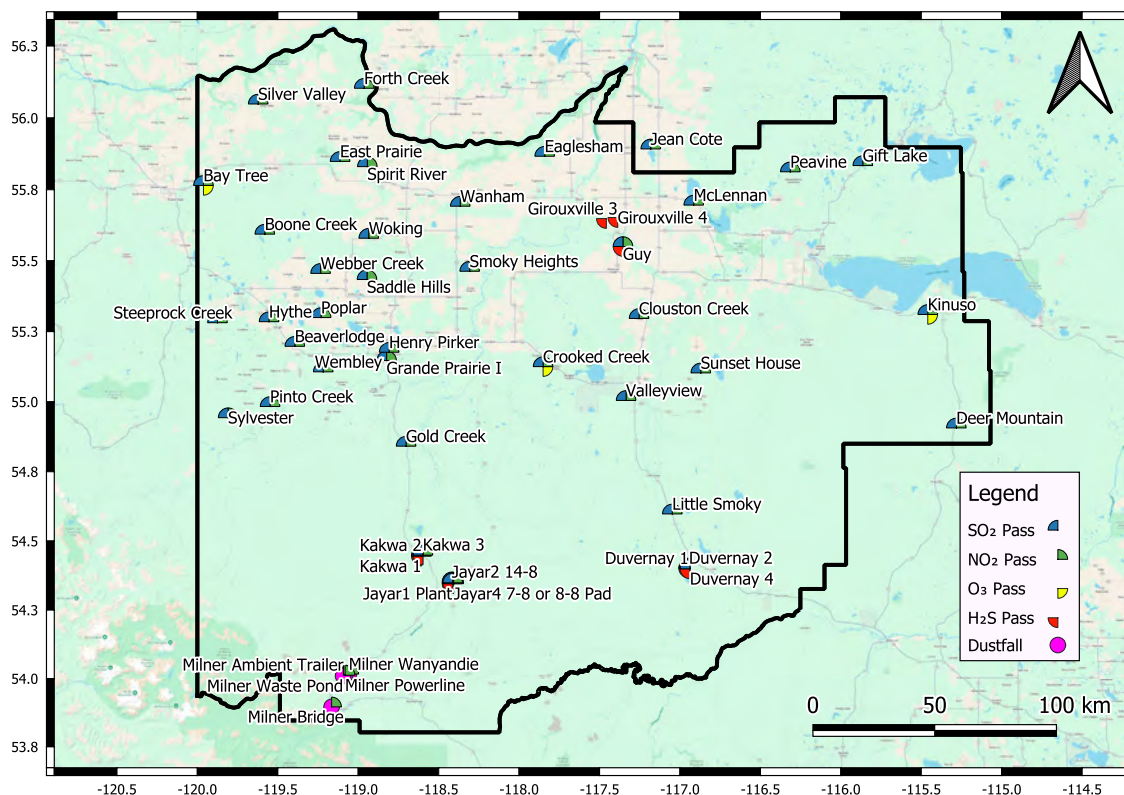
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PAZA Continuous Monitoring Station Locations



PAZA Passive Monitoring Station Locations



1 May 2026 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 - May 2026 Beaverlodge Station Report

May					1-hour			24-hour			Exceedance				Calibration
Parameter	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date
NO (ppb)	0.2	0.0	95.0%	100.0%	5.3	-	May-13 09:00	0.7	-	May-13	-	-	-	-	May 12, 2026
NO ₂ (ppb)	2.1	0.4	95.0%	100.0%	16.3	159	May-13 08:00	4.0	-	May-13	0	-	-	-	May 12, 2026
NO _x (ppb)	2.3	0.4	95.0%	100.0%	21.4	-	May-13 09:00	4.7	-	May-13	-	-	-	-	May 12, 2026
O ₃ (ppb)	38.4	11.5	95.2%	100.0%	54.1	76	May-05 18:00	46.7	-	May-03	0	-	-	-	May 12, 2026
PM _{2.5} (µg/m³)	3.8	0.5	99.9%	100.0%	27.6	80	May-29 04:00	7.7	29	May-28	0	-	0	-	May 12, 2026
SO ₂ (ppb)	0.3	0.0	95.0%	99.9%	5.5	172	May-05 09:00	1.1	48	May-16	0	-	0	0	May 12, 2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	12.7	3.1	100.0%	100.0%	27.8	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	43.9	13.3	100.0%	100.0%	90.6										
WS (km/hr)	10.7	0.5	100.0%	100.0%	32.8										
WD (deg)	226	0.9	100.0%	100.0%	358.1	Average Wind Direction		226	SW						

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42iQ	No operational issues noted during the month
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	May 29, AIC return to normal took an extra hour (1hr)
Met Equip	MetOne	50.5	No operational issues noted during the month

1.2 Dunes Air Monitoring Station

PAZA - May 2026 Dunes Station Report

May 2026 Data Station Report															
Parameter	May		Valid	Operational	30min / 1-hour			24-hour			Exceedance				Calibration
	Average	Minimum			Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date
PM _{2.5} (µg/m³)	4.6	0.0	99.2%	99.6%	91.3	80	May-10 02:00	14.3	29	May-10	1	-	0	-	May-21-2026
SO ₂ (ppb)	0.4	0.0	94.9%	99.6%	11.6	172	May-29 08:00	1.4	48	May-29	0	-	0	0	May-21-2026
TRS (ppb)	0.5	0.0	94.9%	99.6%	4.2	5	May-13 07:00	0.8	-	May-13	0	-	-	-	May-21-2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	12.9	-0.8	99.6%	99.6%	28.9	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	42.9	11.1	99.6%	99.6%	99.9										
WS (km/hr)	4.9	0.0	99.6%	99.6%	12.1										
WD (deg)	278	0.0	99.6%	99.6%	359.8	Average Wind Direction278W									

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Thermo	SHARP 5030	May 30, communication failure, 3hrs removed; May 10, 1x1hr reading above AAAQG
SO ₂	Thermo	43i	May 30, communication failure, 3hrs removed
TRS	Thermo	43i	May 30, communication failure, 3hrs removed
Met Equip	Gil/RMYoung	MetPak/RMY86004	May 30, communication failure, 3hrs removed

1.3 Grande Prairie - Henry Pirker Air Monitoring Station

PAZA - May 2026 Henry Pirker Station Report

Parameter	May				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)	0.6	0.0	94.9%	100.0%	15.3	-	May-13 15:00	2.3	-	May-13	-	-	-	-	May 06, 2026	
NO ₂ (ppb)	4.5	0.7	94.9%	100.0%	28.9	159	May-27 02:00	7.7	-	May-26	0	-	-	-	May 06, 2026	
NO _x (ppb)	5.2	0.8	94.9%	100.0%	35.8	-	May-06 06:00	9.9	-	May-13	-	-	-	-	May 06, 2026	
O ₃ (ppb)	35.3	1.9	95.3%	100.0%	53.4	76	May-24 16:00	42.3	-	May-24	0	-	-	-	May 06, 2026	
PM _{2.5} (µg/m³)	4.4	0.8	99.7%	100.0%	26.5	80	May-15 17:00	8.7	29	May-29	0	-	0	-	May 06, 2026	
SO ₂ (ppb)	0.5	0.0	94.9%	100.0%	20.1	172	May-31 11:00	2.2	48	May-31	0	-	0	0	May 06, 2026	
H ₂ S (ppb)	0.2	0.0	94.9%	100.0%	10.2	10	May-21 02:00	1.1	3	May-21	1	-	0	-	May 07, 2026	
CH ₄ (ppm)																
THC (ppm)	2.2	2.0	88.1%	92.3%	3.6	-	May-21 04:00	2.4	-	May-21	-	-	-	-	May 03, 2026	
NMHC (ppm)																
CO (ppm)	0.1	0.1	95.3%	100.0%	0.3	13	May-02 01:00	0.2	5	May-09	0	0	-	-	May 06, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	13.7	0.8	100.0%	100.0%	28.4	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Dec 12, 2025
RH (%)	41.7	8.0	100.0%	100.0%	86.2											Dec 12, 2025
SR (W/m²)	222.4	0.0	100.0%	100.0%	976.4											Dec 12, 2025
WS (km/hr)	9.4	0.3	100.0%	100.0%	27.5											Dec 12, 2025
WD (deg)	273	7.1	100.0%	100.0%	359.3											Dec 12, 2025
Average Wind Direction									273	W						

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	May 6 calibration, replaced sample pump, no readings above AAAQG or AAAQO
SO ₂	Thermo	43i-TLE	May 6, removal calibration for flash lamp & PMT voltage adjustment, startup calibration with no additional lost time
H ₂ S	TEI	450i	No operational issues noted during the month; May 21, 1x1hr reading above AAAQO
THC/CH ₄ /NMHC	TEI	55i	May 1, install calibration post troubleshooting on April 30 and column conditioning (hydrogen cylinder replaced); May 2, analyzer remained frozen then began dropping below 1.8ppm, removal calibration 55i (s/n: 1151980005), deployed 55i (s/n: 1021843390); May 3, install calibration for monitoring just THC, CH ₄ +NMHC are flagged as not in service; All time from May 1-3 calibration flagged as maintenance downtime (55hrs); May 4, AIC failed to run (1hr)
CO	Thermo	48i-TLE	No operational issues noted during the month
Met Equip	MetOne	50.5	No operational issues noted during the month

1.4 Smoky Heights Air Monitoring Station

PAZA - May 2026 Smoky Heights Station Report

Parameter	May				30min / 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	
PM _{2.5} (µg/m³)	8.2	0.2	99.9%	100.0%	206.9	80	May-27 17:00	29.2	29	May-28	8	-	1	-	May 18, 2026	
SO ₂ (ppb)	0.3	0.0	94.8%	99.6%	4.8	172	May-22 05:00	1.0	48	May-22	0	-	0	0	May 18, 2026	
TRS (ppb)	0.1	0.0	93.8%	98.9%	0.7	5	May-02 06:30	0.2	-	May-06	0	-	-	-	May 23, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	12.7	0.2	100.0%	100.0%	27.8	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Aug 02, 2025
WS (km/hr)	12.1	0.5	100.0%	100.0%	40.3											Aug 02, 2025
WD (deg)	271	0.0	100.0%	100.0%	358.4	Average Wind Direction271WNW										Aug 02, 2025

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Sharp	5030	No operational issues noted during the month; May 9-29, 8x1hr readings above AAAQG + 1x24hr readings above AAAQO
SO ₂	TECO	43i	May 15, AIC failed, manual AIC ran later ok (2hrs); May 22, manual AIC ran as check, ok (1hr)
TRS	TEI	43i APSAA	May 15, AIC failed, manual AIC ran later ok (2hrs); May 18, removal cal for SOX scrubber swap; May 22, manual AIC ran as check, ok (1hr); May 23, calibration due to span issue, 5hrs flagged as maintenance
Met Equip	MetOne	50.5	No operational issues noted during the month

1.5 Valleyview Air Monitoring Station

PAZA - May 2026 Valleyview Station Report

Parameter	May		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	95.2%	100.0%	3.6	172	May-12 12:00	0.5	48	May-29	0	-	0	0	May 05, 2026
H ₂ S (ppb)	0.1	0.0	95.2%	100.0%	0.7	10	May-16 07:00	0.3	3	May-23	0	-	0	-	May 05, 2026
	Average	Minimum	Valid	Operational	Maximum	Note: Valid hours must be greater than 75% Operational hours must be greater than 90% Average Wind Direction 285 NW									
Temp (°C)	13.0	-0.5	100.0%	100.0%	29.7										
RH (%)	52.2	15.9	100.0%	100.0%	100.3										
WS (km/hr)	4.8	0.2	100.0%	100.0%	17.6										
WD (deg)	285	0.1	100.0%	100.0%	359.1										

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	No operational issues noted during the month
Met Equip	RMYoung	RMV86004	No operational issues noted during the month

1.6 Fox Creek Air Monitoring Station

PAZA - May 2026 Fox Creek Station Report

Parameter	May		Valid	Operational	Max	1-hour		Max	8-hour / 24-hour		Max	Exceedance				Calibration Date
	Average	Minimum				Objective	Max Day and Time		Objective	Max Day		1hr	8hr	24hr	30d	
NO (ppb)	2.2	0.0	90.5%	95.2%	30.3	-	May-26 06:00	5.8	-	May-26	-	-	-	-	-	May 05, 2026
NO ₂ (ppb)	4.4	0.0	90.5%	95.2%	24.2	159	May-26 22:00	6.4	-	May-28	0	-	-	-	-	May 05, 2026
NO _x (ppb)	6.8	0.1	90.5%	95.2%	44.1	-	May-07 07:00	11.9	-	May-26	-	-	-	-	-	May 05, 2026
O ₃ (ppb)	33.7	1.0	92.5%	97.0%	58.2	76	May-24 15:00	43.7	-	May-03	0	-	-	-	-	May 05, 2026
PM _{2.5} (µg/m ³)	4.7	0.8	99.7%	99.9%	25.9	80	May-29 13:00	14.2	29	May-29	0	-	0	-	-	May 05, 2026
SO ₂ (ppb)	0.2	0.0	94.9%	99.6%	5.5	172	May-02 08:00	0.8	48	May-02	0	-	0	0	0	May 05, 2026
H ₂ S (ppb)	0.1	0.0	92.6%	97.4%	1.8	10	May-21 06:00	0.3	3	May-28	0	-	0	-	-	May 25, 2026
	Average	Minimum	Valid	Operational	Maximum	Note: Valid hours must be greater than 75% Operational hours must be greater than 90% Average Wind Direction 286 WNW										Sep 17, 2025 Sep 17, 2025 Sep 17, 2025
Temp (°C)	12.1	-0.8	99.9%	99.9%	26.6											
WS (km/hr)	6.3	0.1	99.9%	99.9%	24.3											
WD (deg)	286	0.4	99.9%	99.9%	359.7											

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42IQ	May 4, AEPA Audit (6hrs, flagged maintenance); May 13-14, analyzer froze, restart ok (30hrs removed)
O ₃	TECO	49i	May 4, AEPA Audit (5hrs, flagged maintenance); May 21, manual AIC check based on other analyzers (1hr); May 21-22, analyzer froze, started with AIC trigger (14hrs removed); May 24, 2hrs maintenance based on work with H2S
PM _{2.5}	API	T640	May 4, AEPA Audit (1hr, flagged maintenance)
SO ₂	TEI	43i-TLE	May 4, AEPA Audit (3hrs, flagged maintenance)
H ₂ S	TEI	450i	May 4, AEPA Audit (3hrs, flagged maintenance); May 21, baseline shifted, manual AIC triggered, baseline still <-1ppb, onsite removal calibration performed due to PMT and Flash Lamp voltages moving, removal passed, replaced power supply, flash lamp and SOX scrubber (11hrs maintenance); May 24, daily AIC, baseline drifted <-1ppb and span >10%, triggered remote AIC (2hrs), passed but will plan for site calibration; May 25, baseline shifted <-1.5ppb, performed calibration, passed (4hrs maintenance)
Met Equip	MetOne	50.5	May 4, AEPA Audit (1hr, flagged maintenance)

1.7 Happy Valley Air Monitoring Station

PAZA - May 2026 Happy Valley Station Report

Parameter	May			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	94.0%	99.2%	11.2	-	May-29 00:00	1.6	-	May-28	-	-	-	-	May 08, 2026
NO ₂ (ppb)	2.4	0.3	94.0%	99.2%	18.9	159	May-29 01:00	6.5	-	May-28	0	-	-	-	May 08, 2026
NO _x (ppb)	2.8	0.3	94.0%	99.2%	29.5	-	May-29 00:00	8.2	-	May-28	-	-	-	-	May 08, 2026
O ₃ (ppb)	33.6	7.6	94.5%	99.2%	52.7	76	May-02 15:00	41.9	-	May-03	0	-	-	-	May 08, 2026
PM _{2.5} (µg/m³)	4.1	0.4	99.2%	99.3%	50.3	80	May-04 01:00	7.7	29	May-06	0	-	0	-	May 07, 2026
SO ₂ (ppb)	0.5	0.0	94.5%	99.2%	28.5	172	May-21 04:00	4.9	48	May-21	0	-	0	0	May 08, 2026
TRS (ppb)	0.4	0.0	94.4%	99.2%	1.2	5	May-10 10:30	0.5	-	May-15	0	-	-	-	May 08, 2026
CH ₄ (ppm)	2.1	2.0	88.1%	92.3%	2.5	-	May-09 23:00	2.1	-	May-09	-	-	-	-	May 07, 2026
THC (ppm)	2.1	2.0	88.1%	92.3%	2.5	-	May-09 23:00	2.1	-	May-25	-	-	-	-	May 07, 2026
NMHC (ppm)	0.0	0.0	88.1%	92.3%	0.1	-	May-06 08:00	0.0	-	May-21	-	-	-	-	May 07, 2026
Average															
Temp (°C)	11.9	-1.3	99.6%	99.6%	26.3										
WS (km/hr)	13.7	0.4	99.6%	99.6%	39.4										
WD (deg)	261	0.3	99.6%	99.6%	356.7										

Note: Valid hours must be greater than 75%
Operational hours must be greater than 90%

Average Wind Direction 261 W

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	TEI	42i	May 6, data loss (1hr); May 12, AIC fail, manual AIC to veracity ok (1hr); May 28, comm fail (4hrs)
O ₃	TEI	49I	May 6, data loss (1hr); May 12, AIC fail, manual AIC to veracity ok (1hr); May 28, comm fail (4hrs)
PM _{2.5}	API	T640	May 6, data loss (1hr); May 28, comm fail (4hrs)
SO ₂	TEI	43I	May 6, data loss (1hr); May 12, manual AIC to veracity ok (1hr); May 28, communication failure (4hrs)
TRS	TEI	43I	May 6, data loss (1hr); May 12, manual AIC to veracity ok (1hr); May 28, comm failure (4hrs)
THC/CH ₄ /NMHC	TEI	55i	May 6-7, data froze, 21hrs removed, calibration performed to reset; May 28-29, data froze 35hrs removed
Met Equip	MetOne	50.5	May 28, comm fail (3hrs)

1.8 Milner Air Monitoring Station

PAZA - May 2026 Milner Station Report

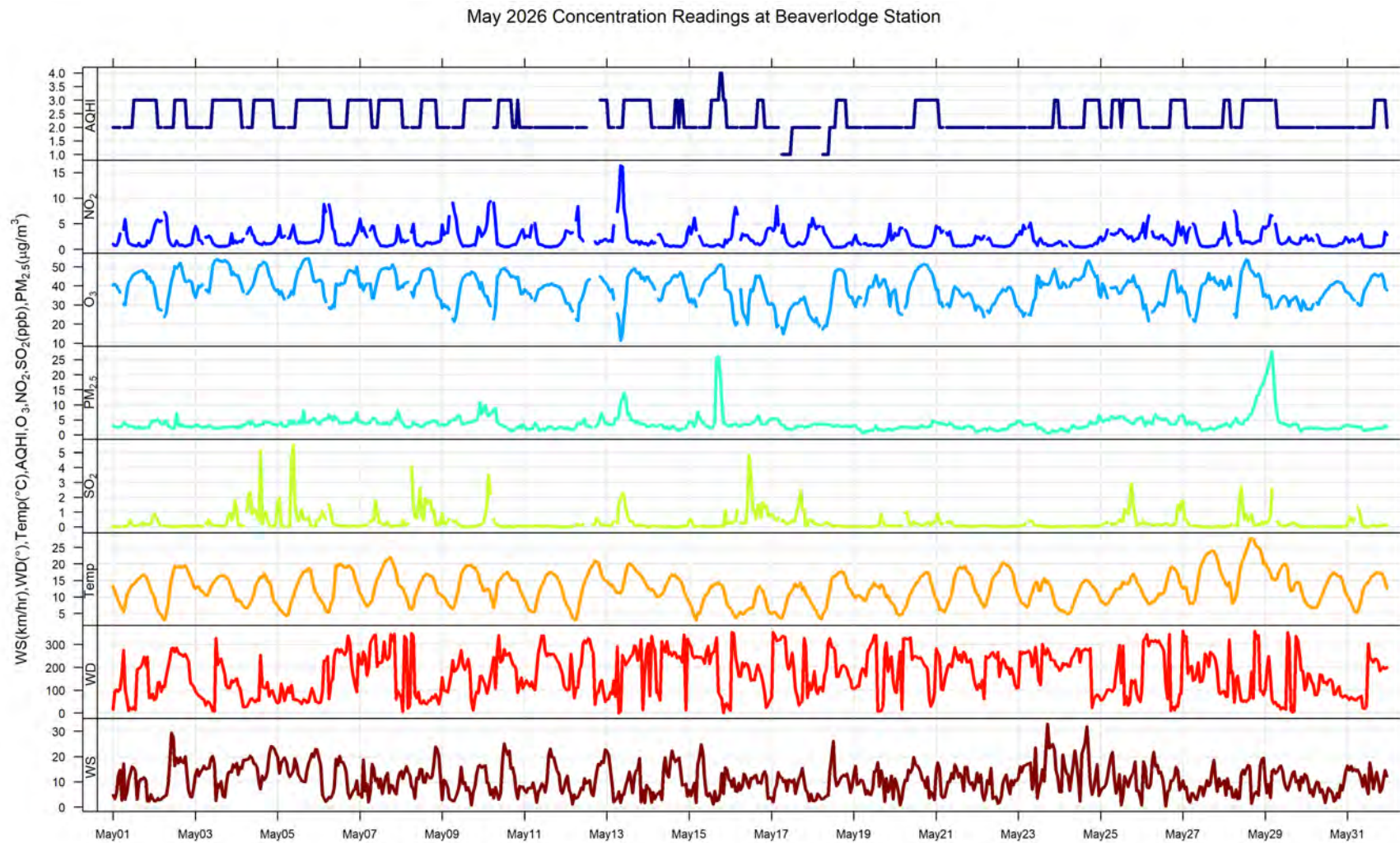
Parameter	May				1-hour			24-hour			Exceedance				Calibration
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	Date
NO (ppb)	0.2	0.0	94.9%	100.0%	8.8	-	May-23 07:00	0.9	-	May-26	-	-	-	-	May 20, 2026
NO ₂ (ppb)	1.3	0.0	94.9%	100.0%	12.1	159	May-29 06:00	3.1	-	May-26	0	-	-	-	May 20, 2026
NO _x (ppb)	1.7	0.0	94.9%	100.0%	18.0	-	May-23 07:00	4.3	-	May-26	-	-	-	-	May 20, 2026
PM _{2.5} (µg/m³)	4.1	0.3	99.6%	100.0%	30.7	80	May-03 05:00	9.0	29	May-03	0	-	0	-	May 20, 2026
	Average	Minimum	Valid	Operational	Maximum										
WS (km/hr)	7.2	0.1	100.0%	100.0%	21.8										
WD (deg)	244	2.1	100.0%	100.0%	357.1										
						Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
						Average Wind Direction244WSW									

Update Summary:

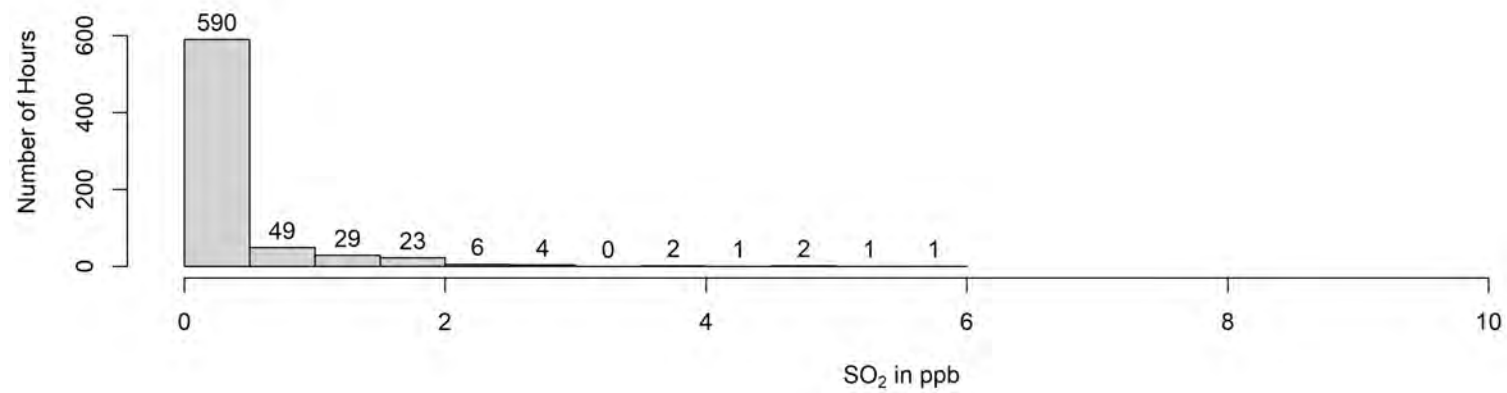
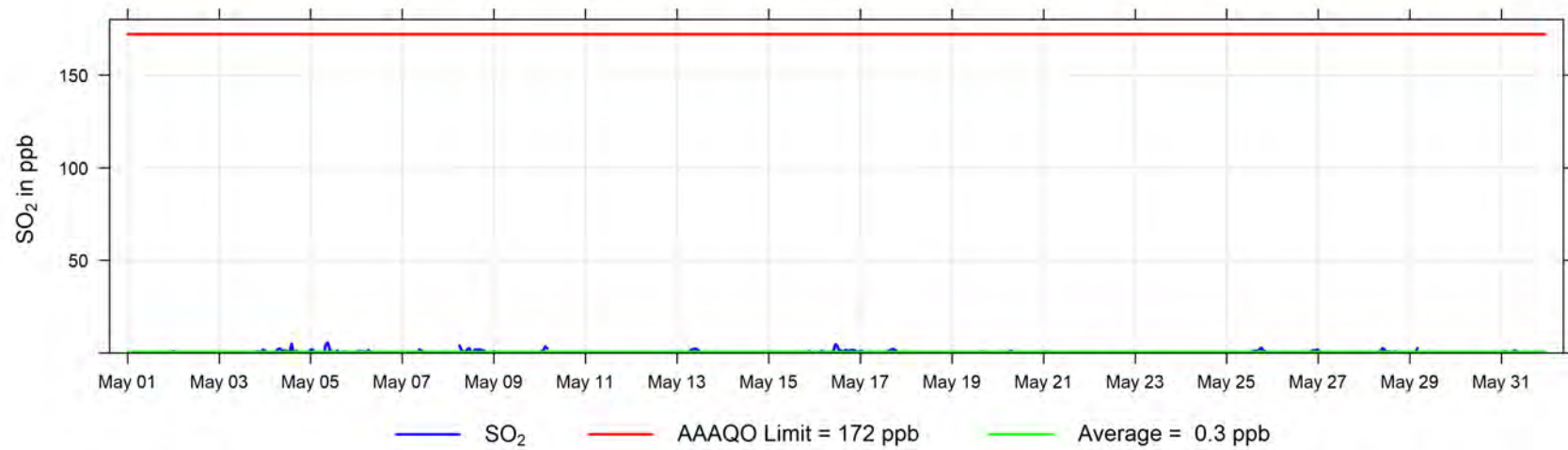
Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	No operational issues noted during the month
PM _{2.5}	API	T640	No operational issues noted during the month, no readings above AAAQG or AAAQO
Met Equip	MetOne	50.5	No operational issues noted during the month

2 Beaverlodge Charts

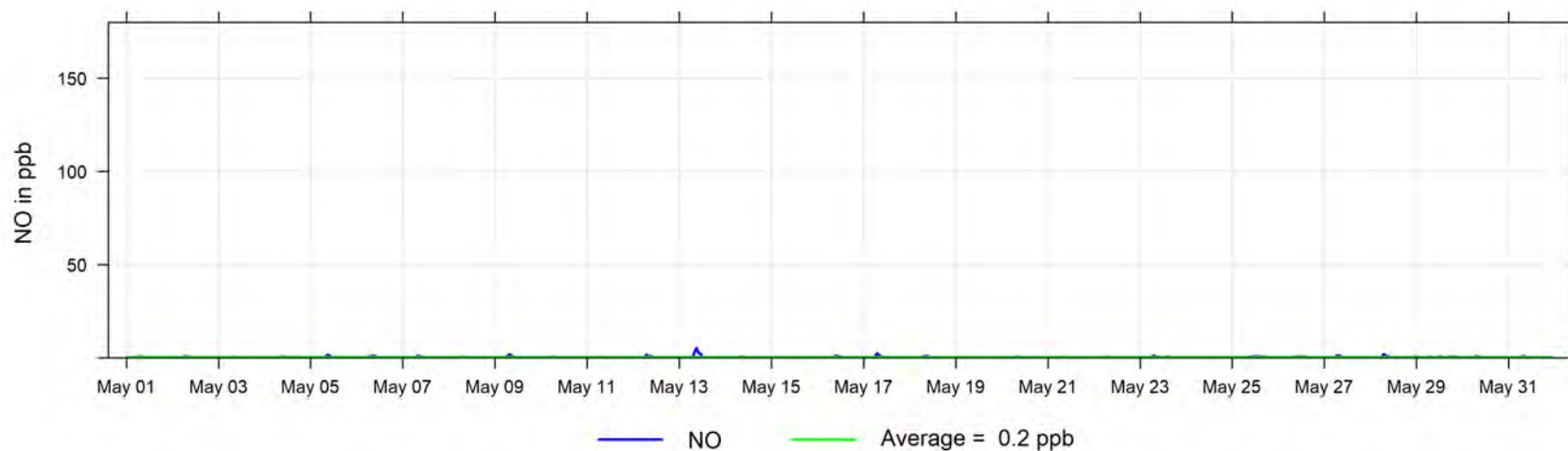
The following pages include the charts and histograms for Beaverlodge Station



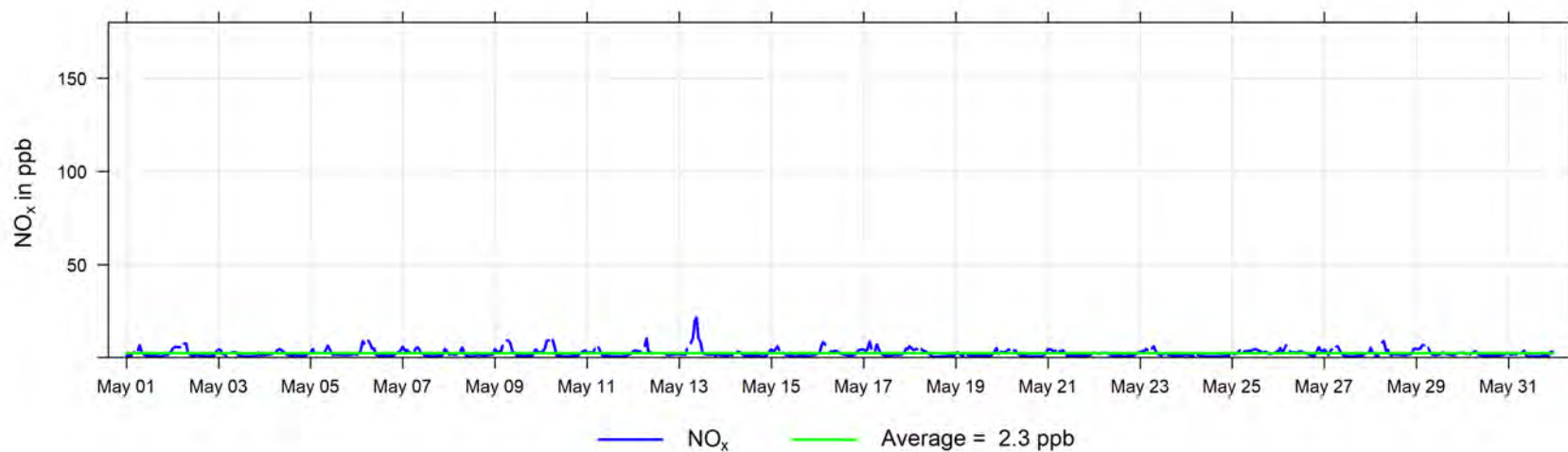
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Beaverlodge



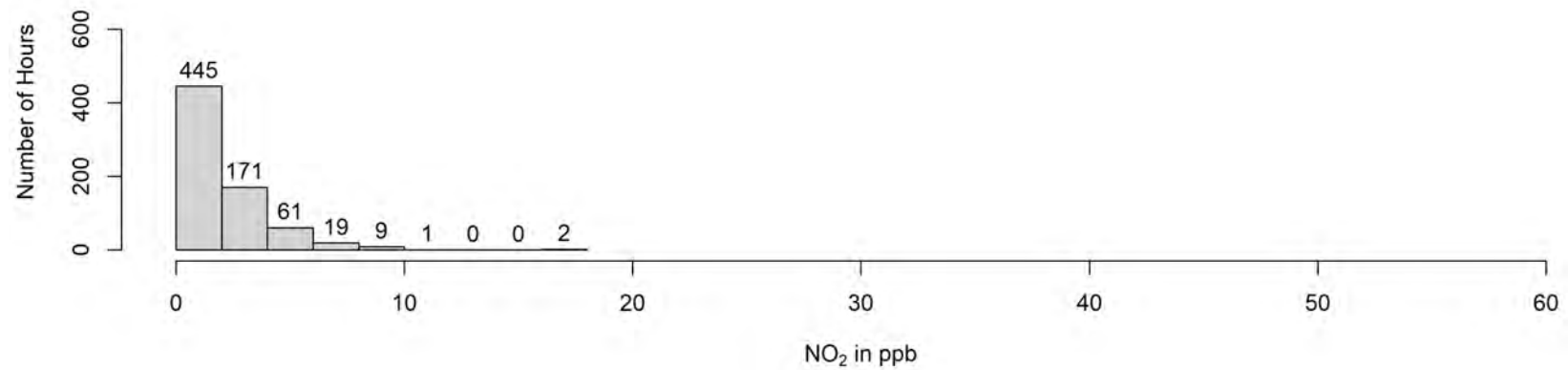
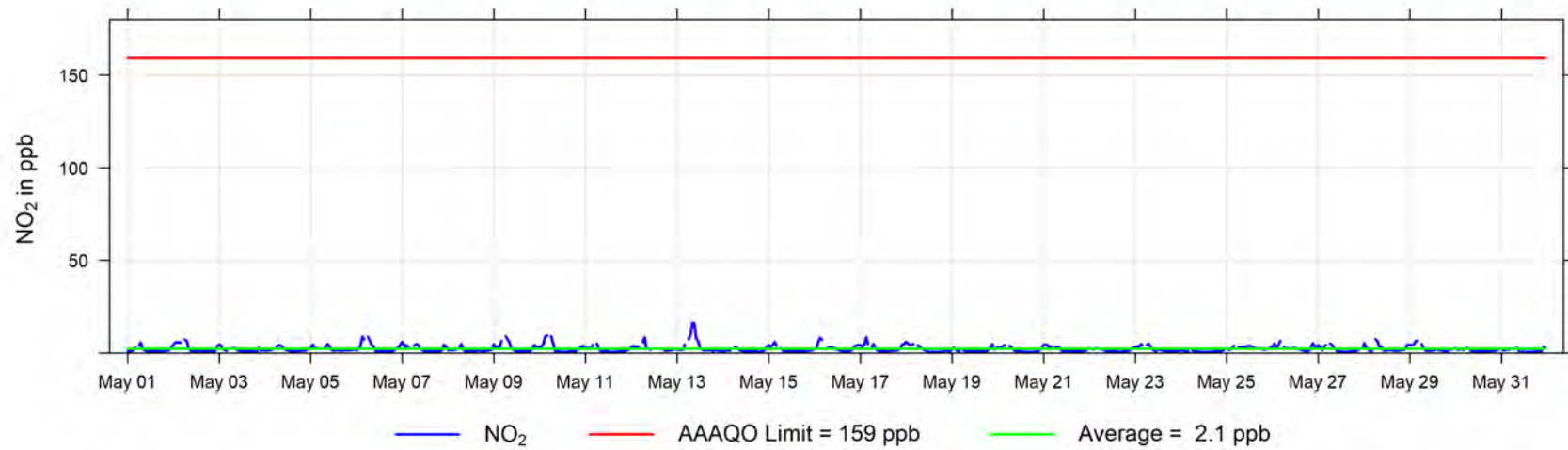
May 2026 Hourly Concentration Readings of NO (in ppb) at Beaverlodge



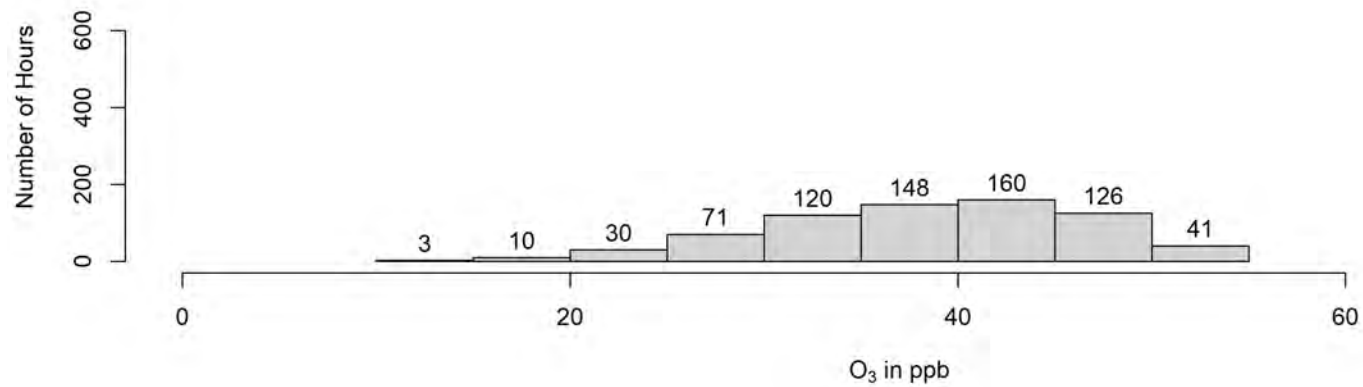
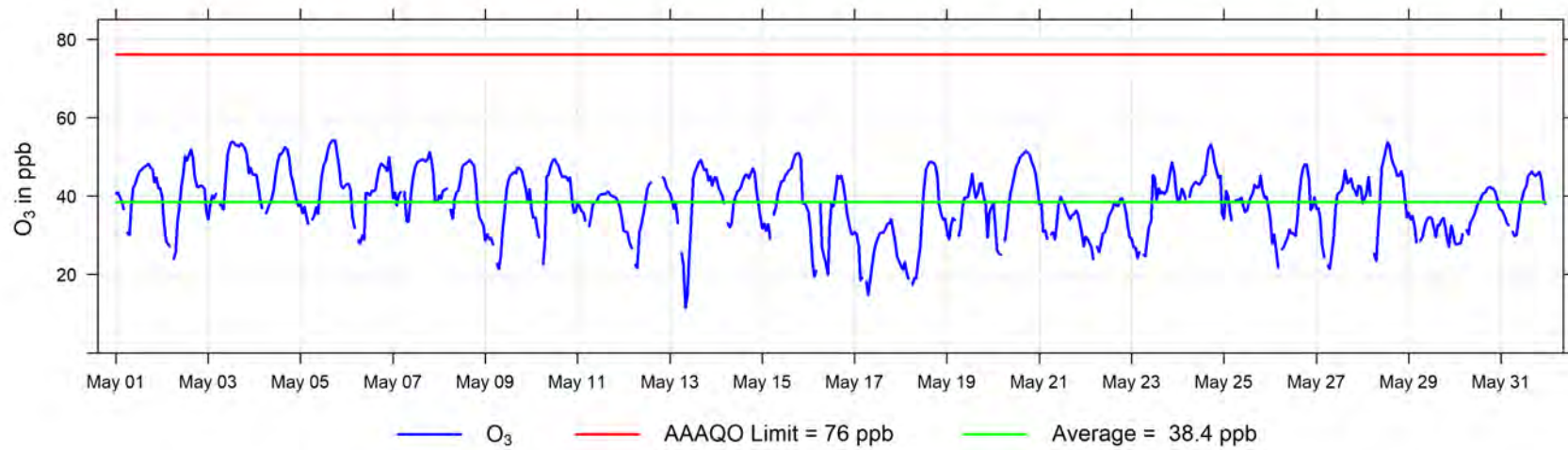
May 2026 Hourly Concentration Readings of NO_x (in ppb) at Beaverlodge



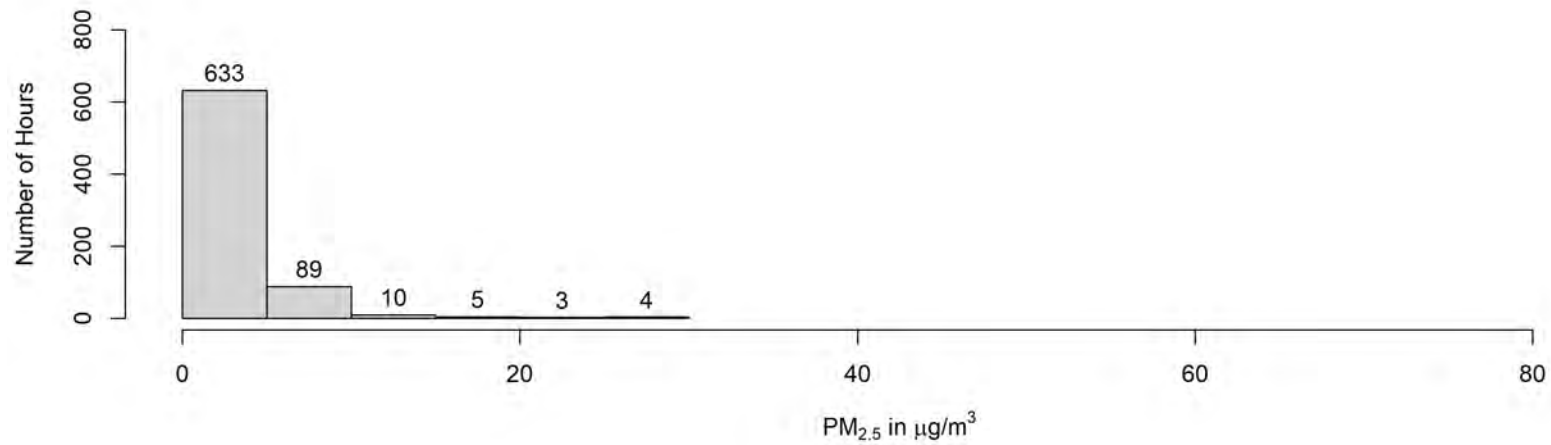
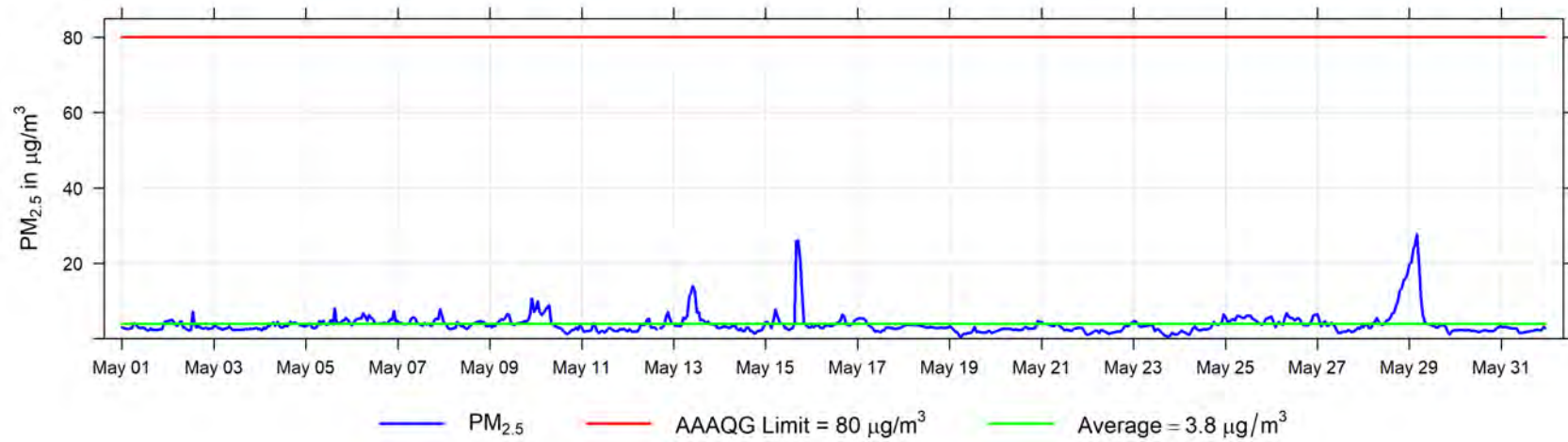
May 2026 Hourly Concentration Readings of NO₂ (in ppb) at Beaverlodge



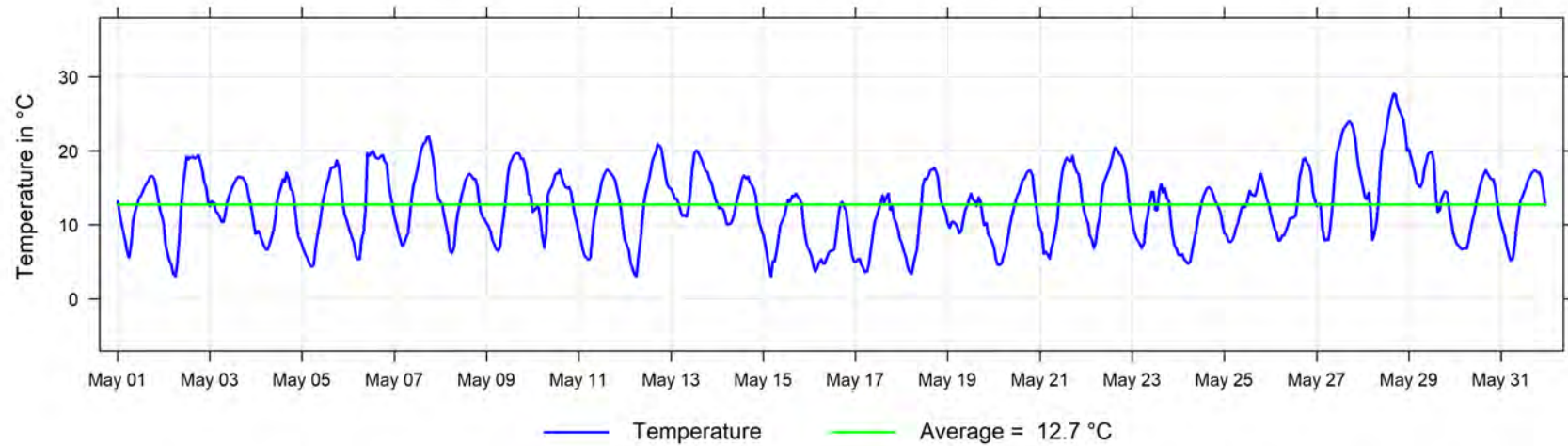
May 2026 Hourly Concentration Readings of O₃ (in ppb) at Beaverlodge



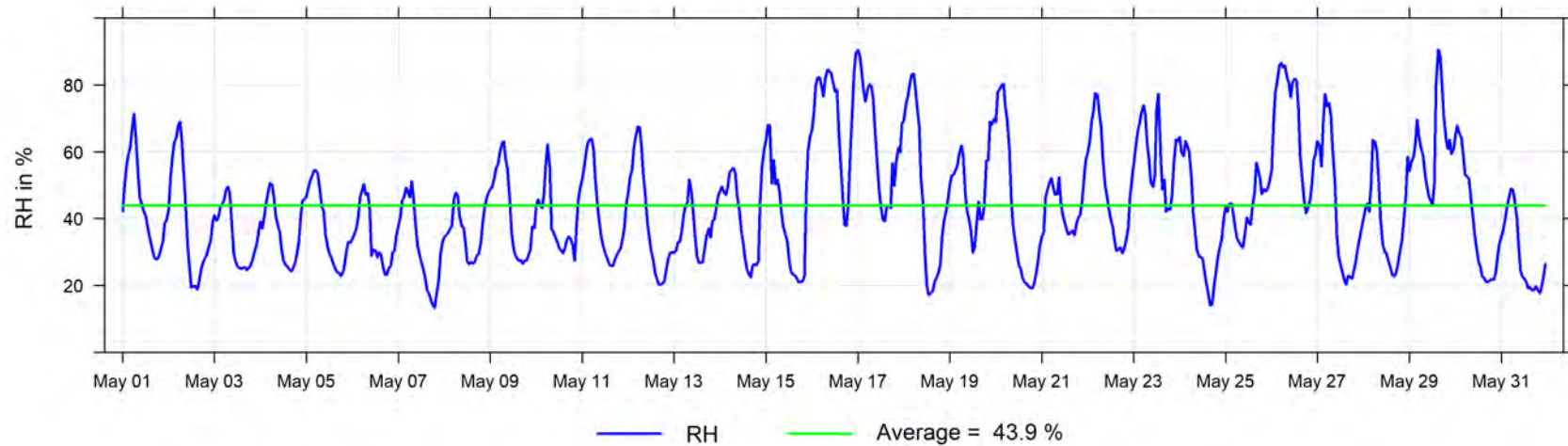
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Beaverlodge



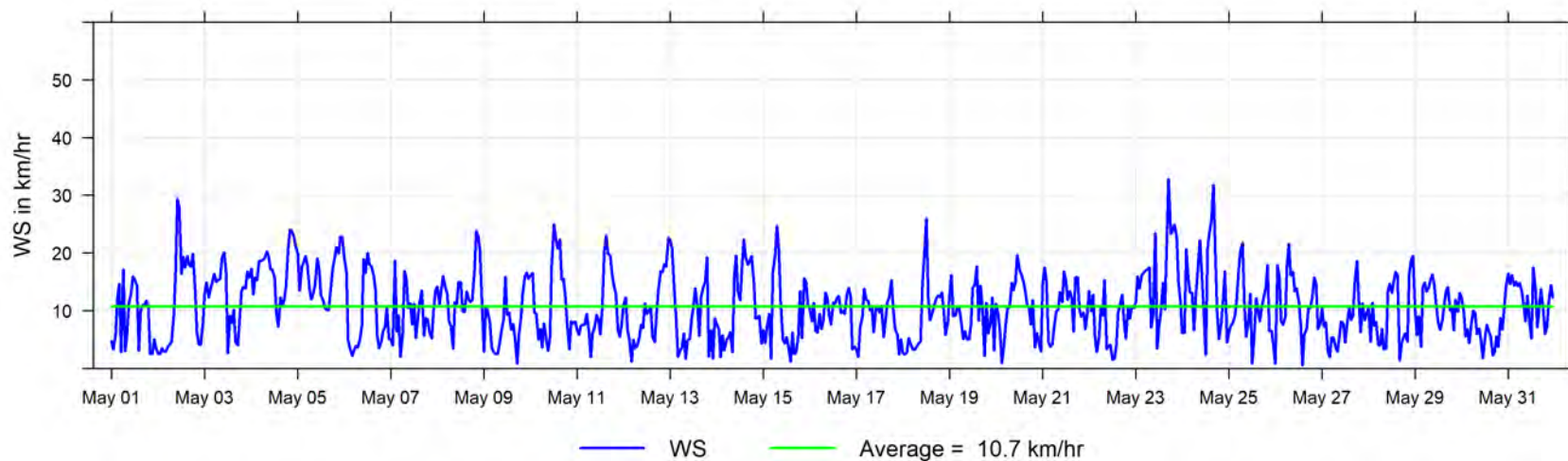
May 2026 Hourly Temperature Readings (in °C) at Beaverlodge



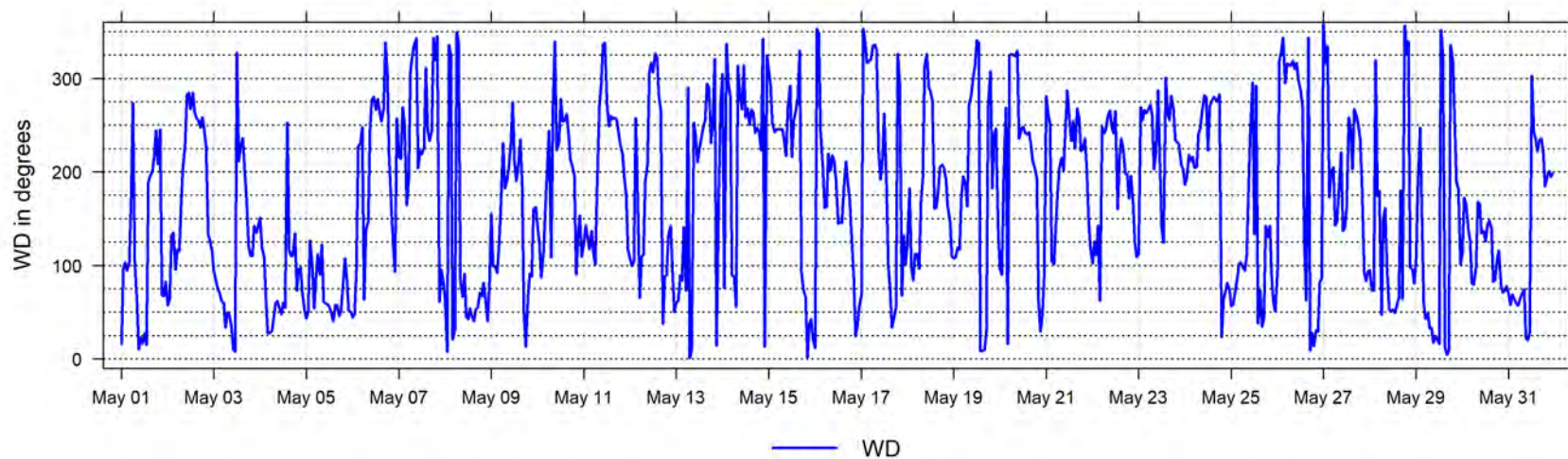
May 2026 Hourly Readings of Relative Humidity (in %) at Beaverlodge



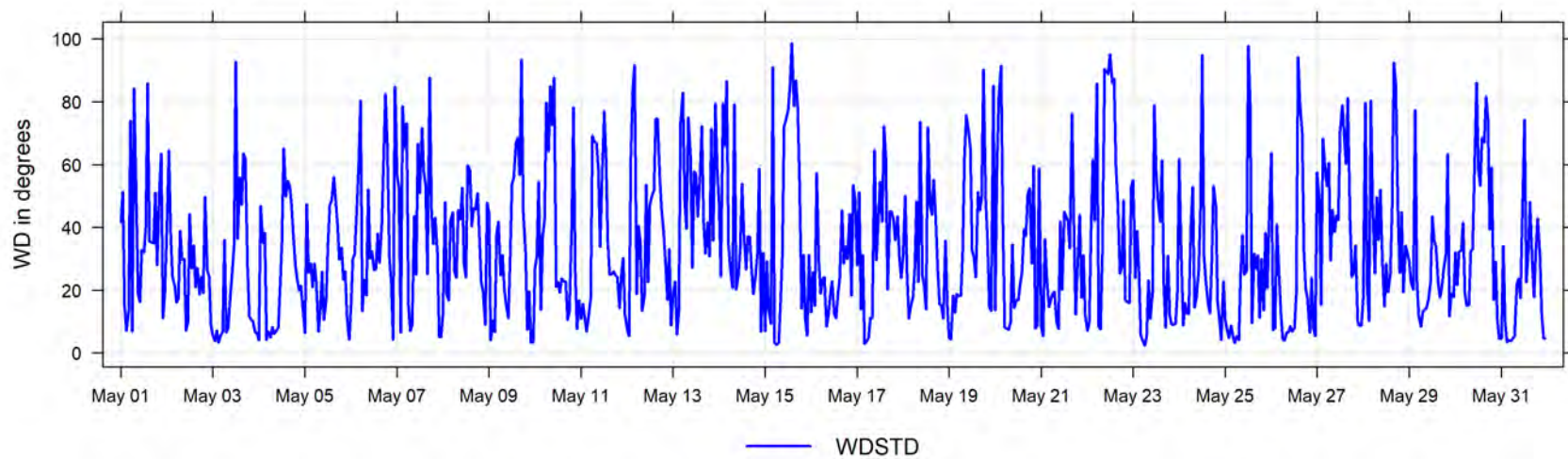
May 2026 Hourly Readings of Wind Speed (in km/hr) at Beaverlodge

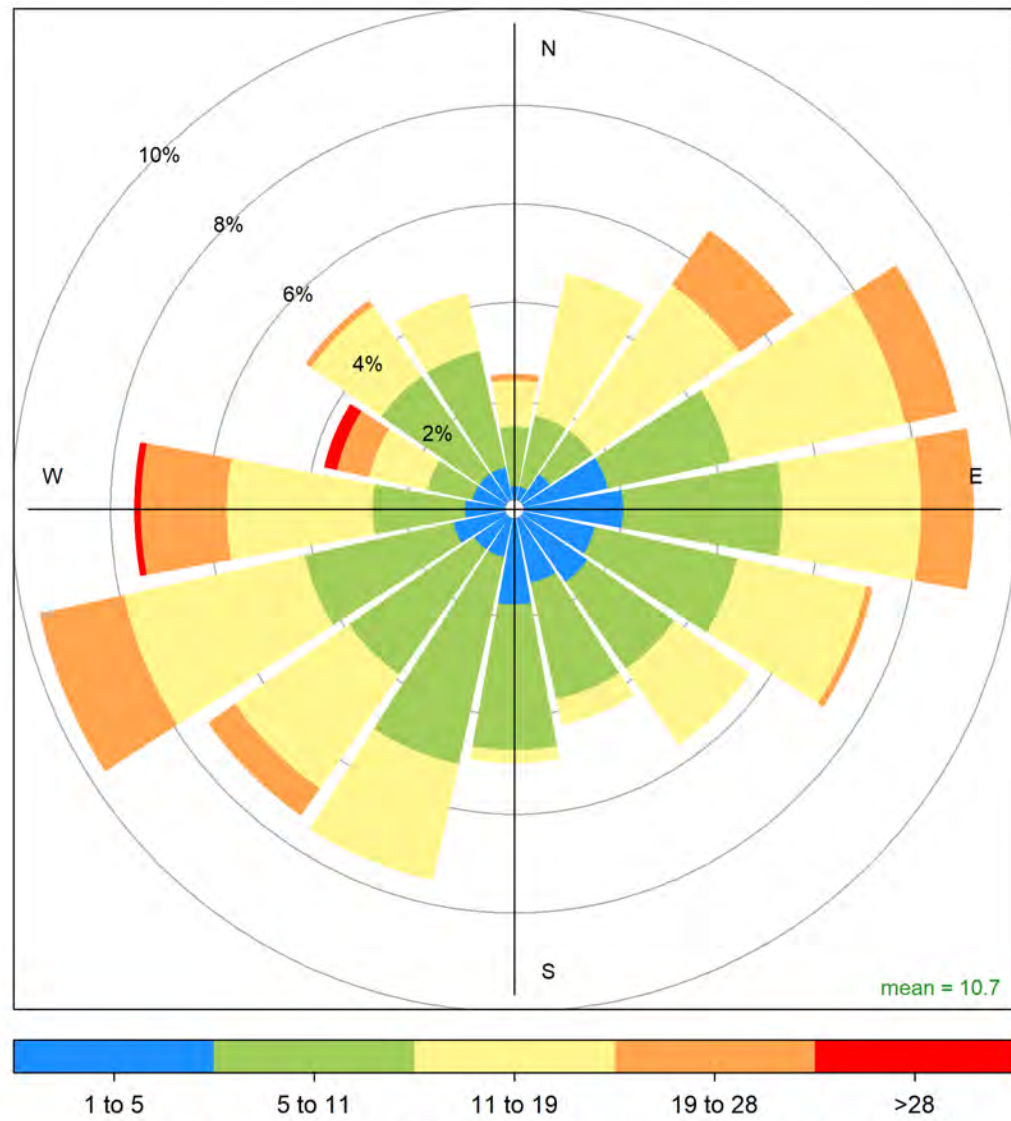


May 2026 Hourly Readings of Wind Direction (in degrees) at Beaverlodge



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Beaverlodge



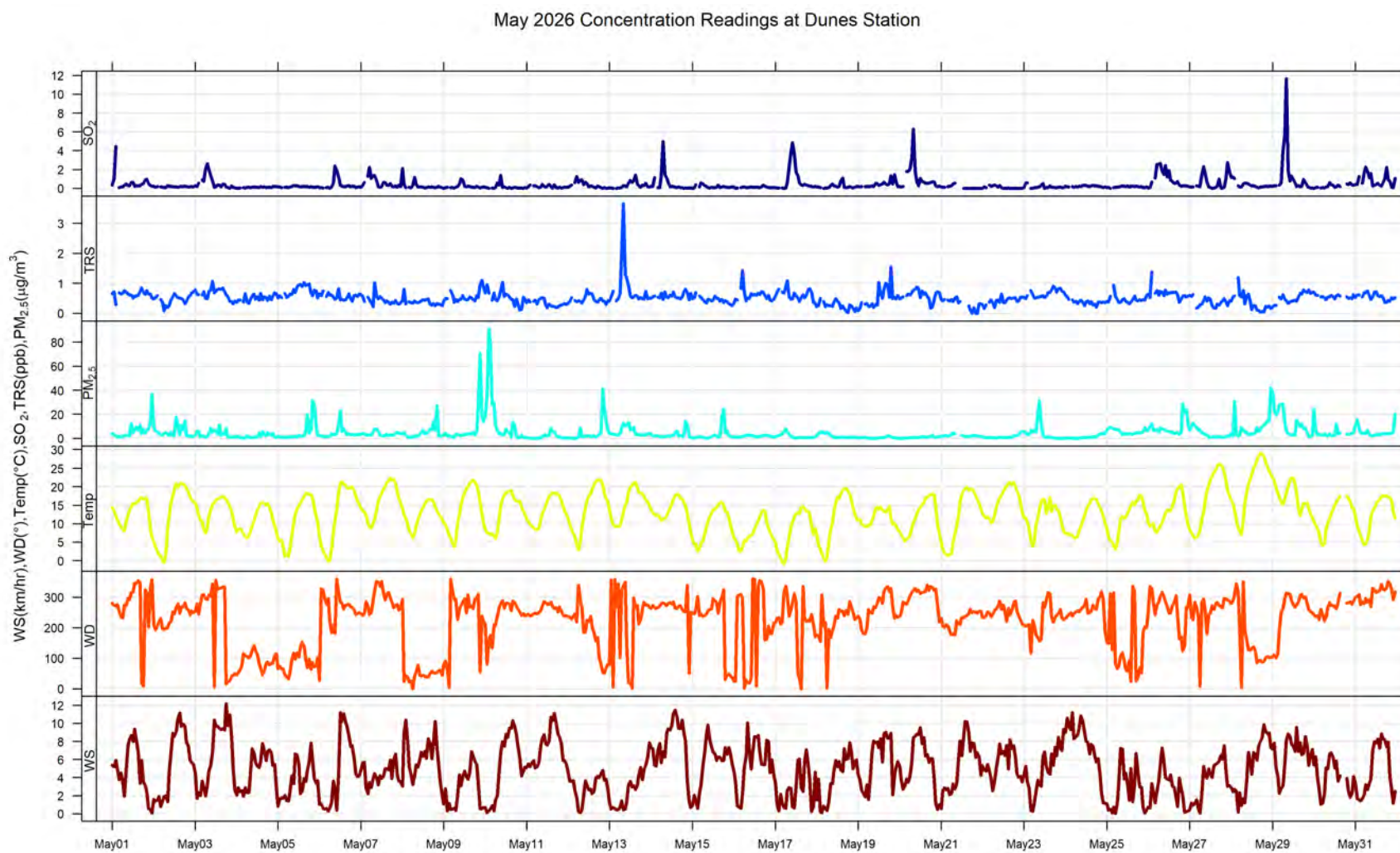


Beaverlodge May 2026 Wind Rose, wind speed in km/hr

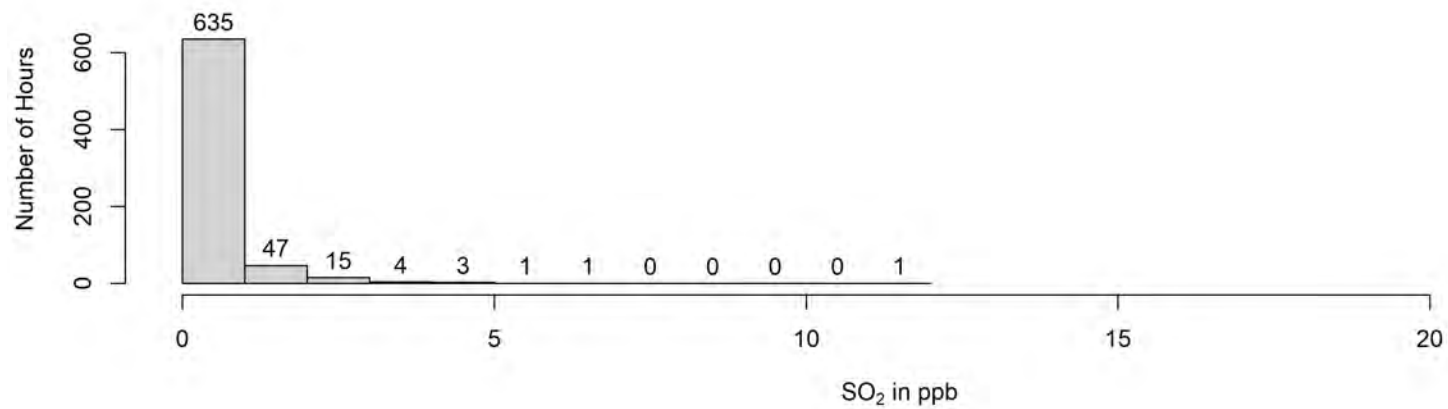
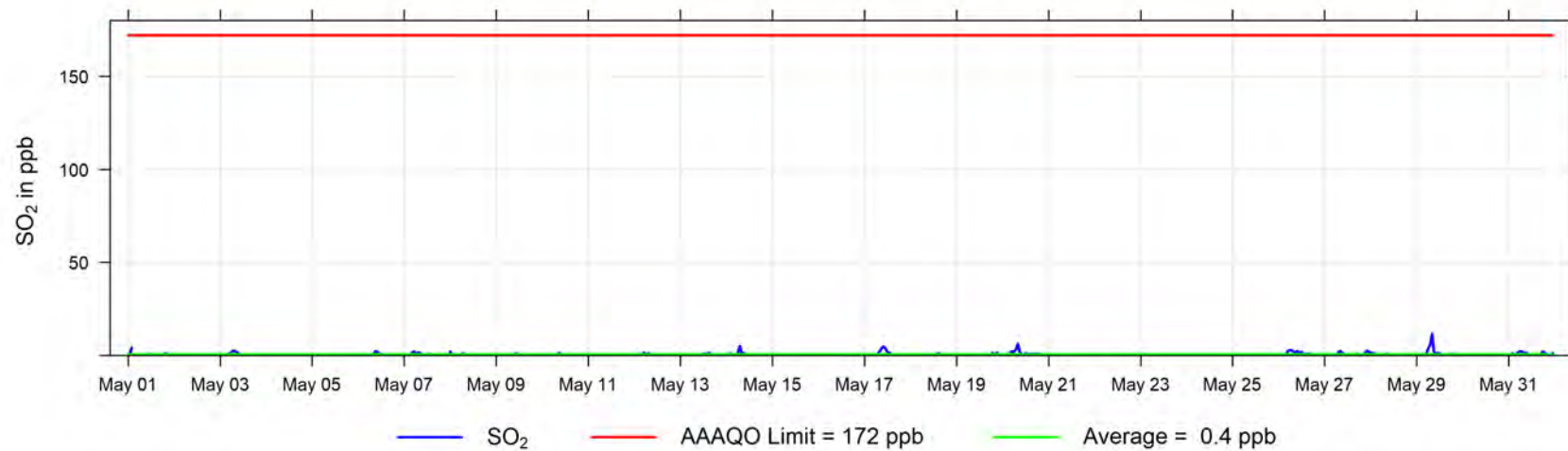
Calms (<1km/hr) = 0.7 %

3 Dunes Charts

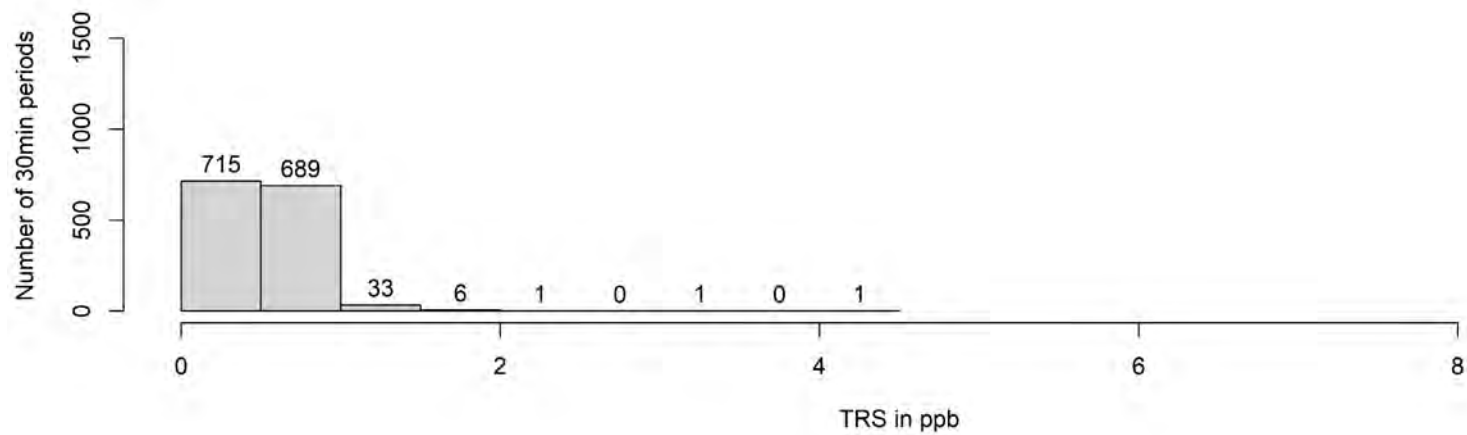
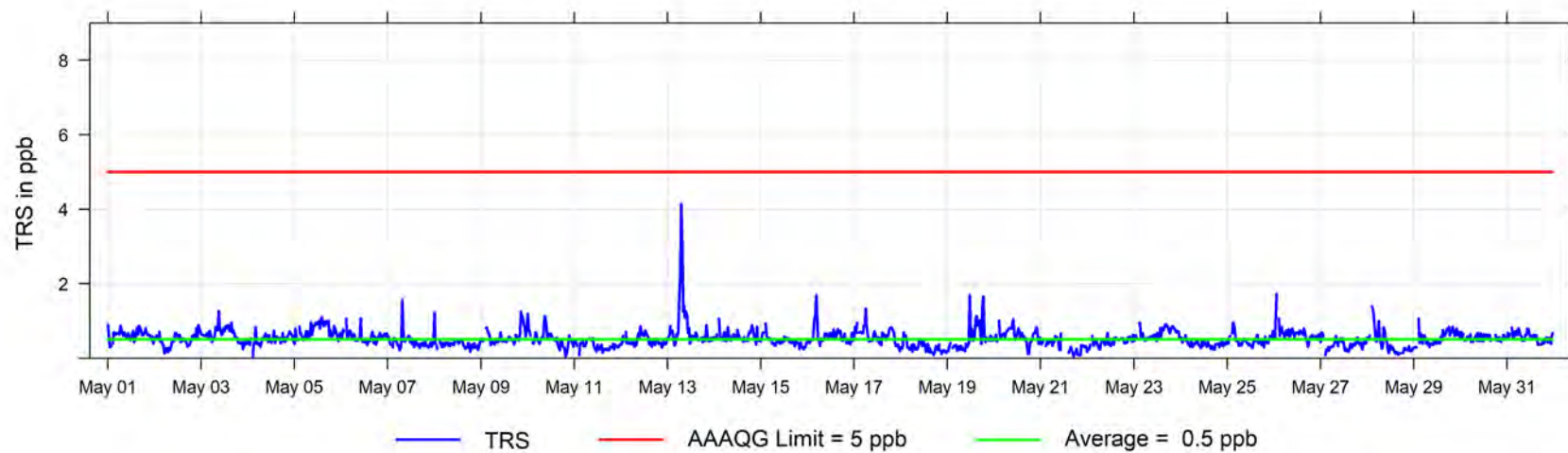
The following pages include the charts and histograms for Dunes Station



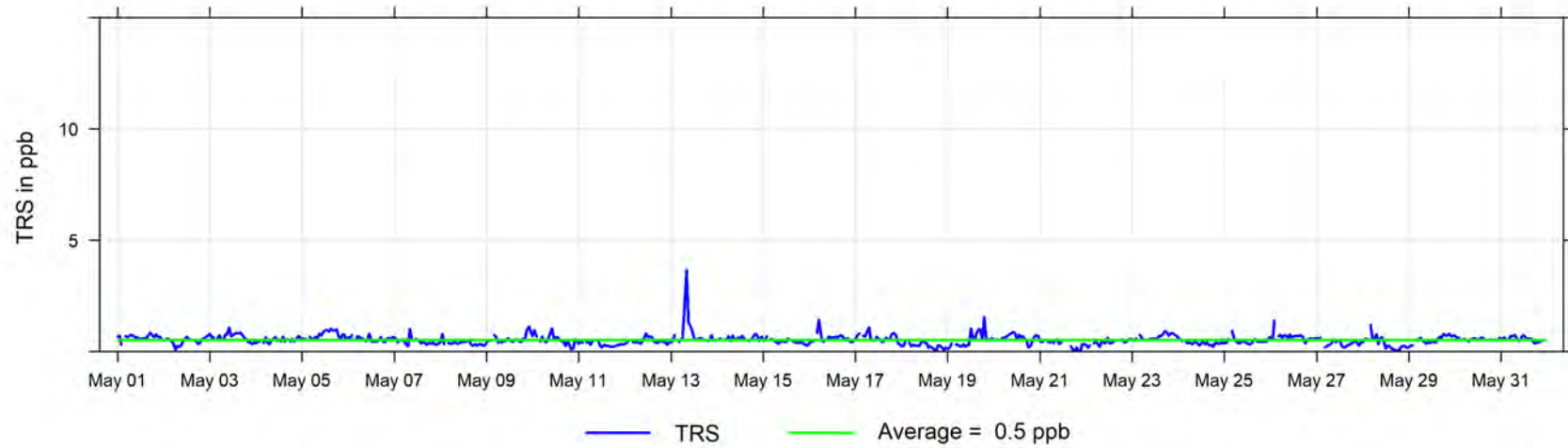
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Dunes



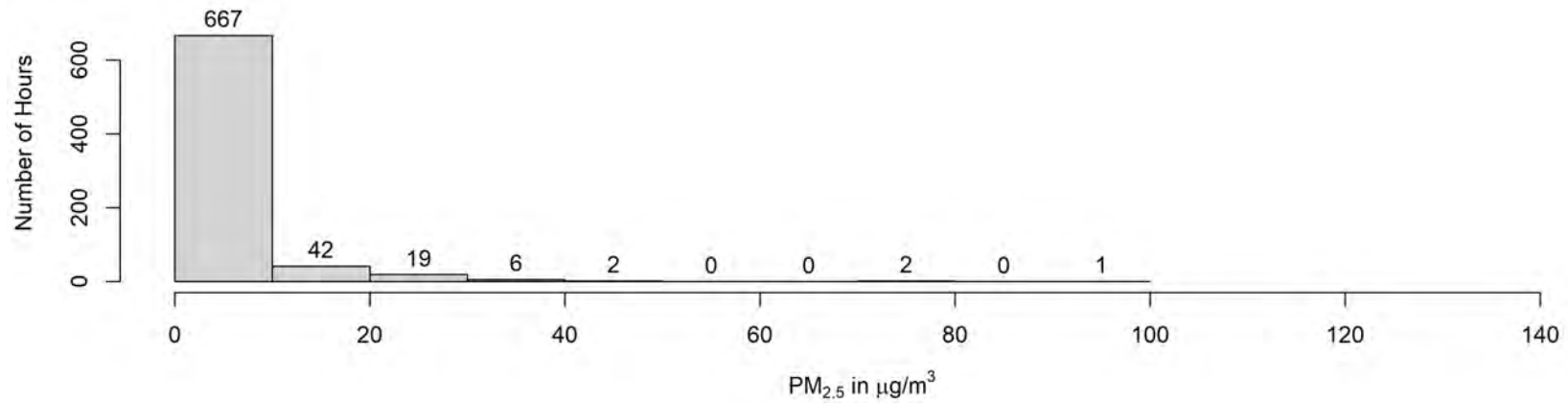
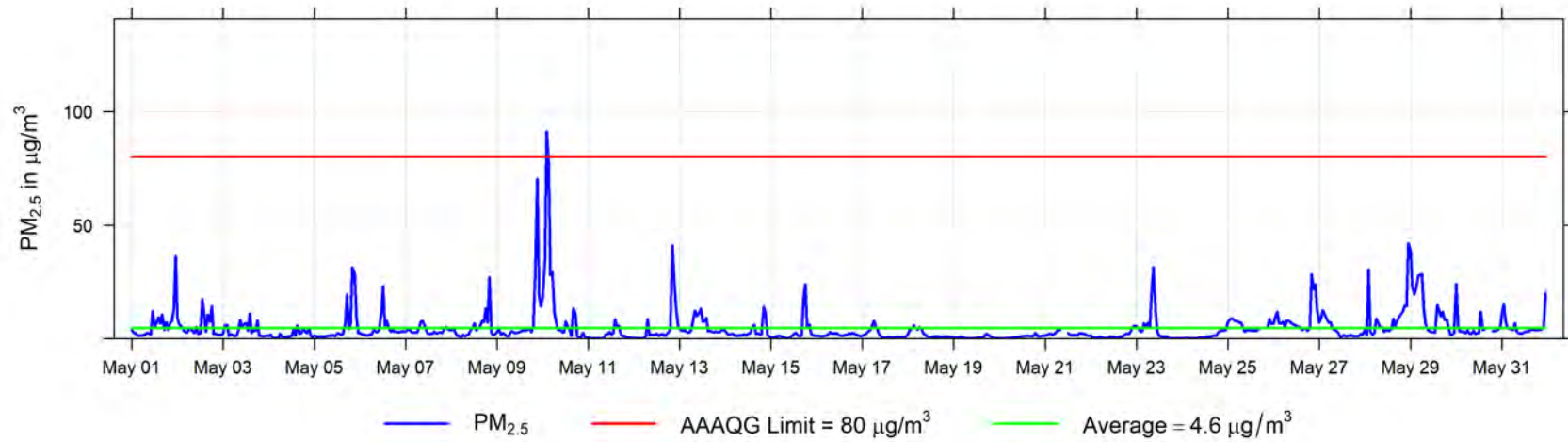
May 2026 30 min Concentration Readings of TRS (in ppb) at Dunes



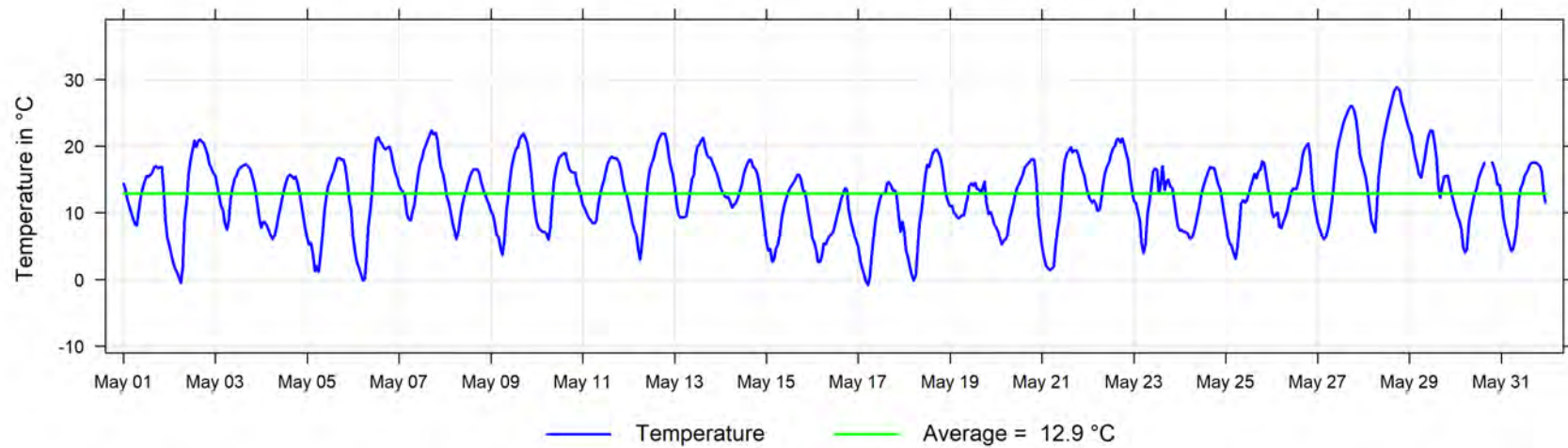
May 2026 Hourly Concentration Readings of TRS (in ppb) at Dunes



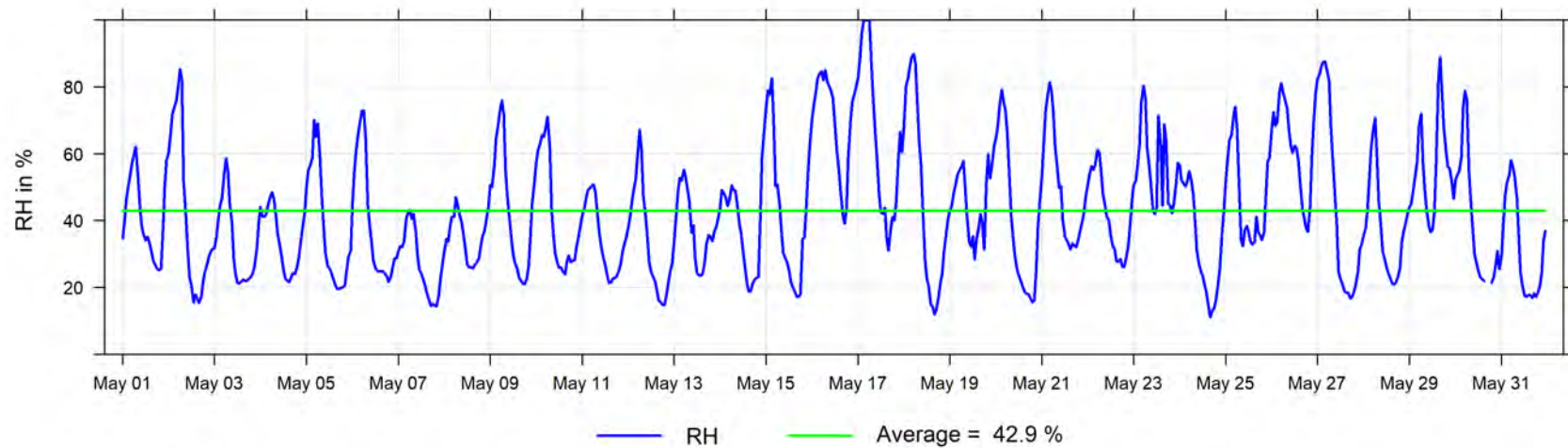
May 2026 Hourly Concentration Readings of PM_{2.5} in µg/m³ at Dunes



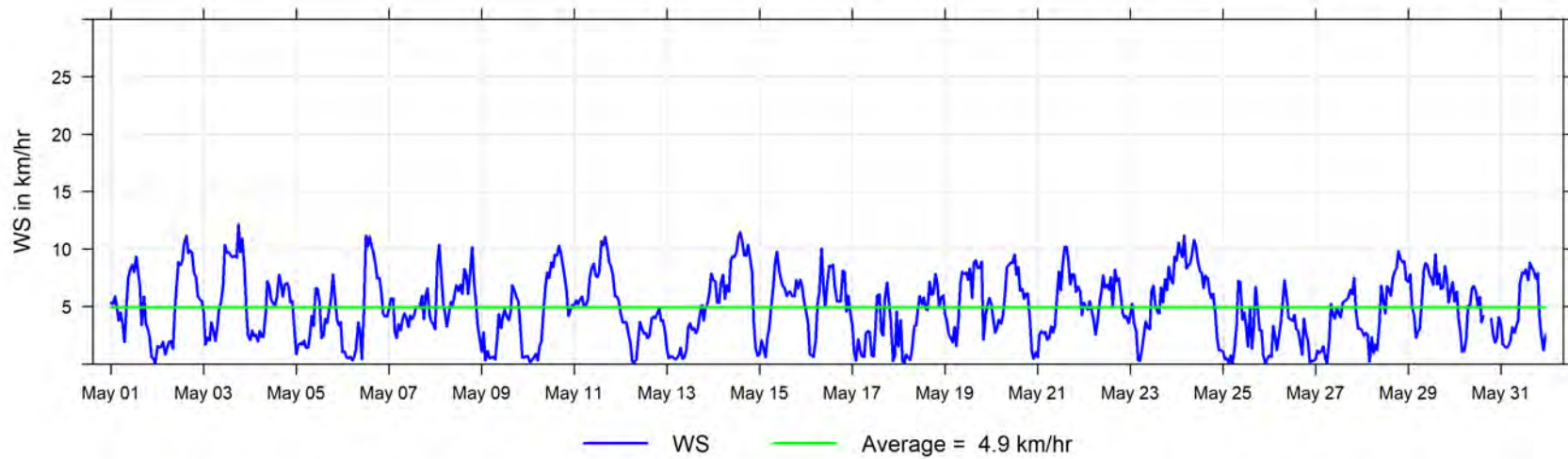
May 2026 Hourly Temperature Readings (in °C) at Dunes



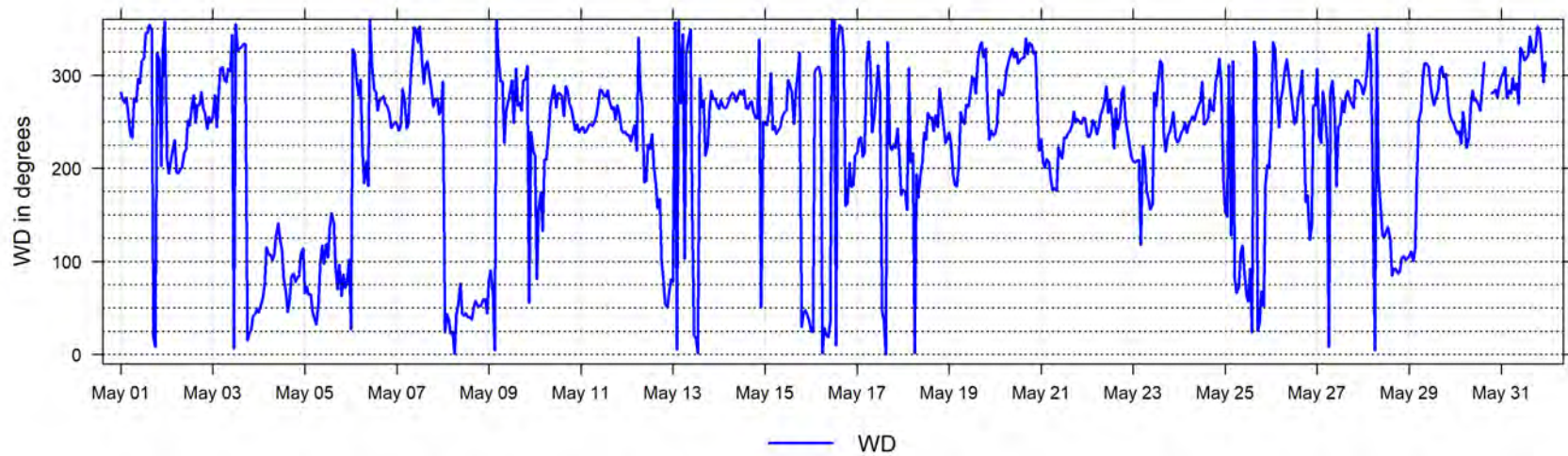
May 2026 Hourly Readings of Relative Humidity (in %) at Dunes



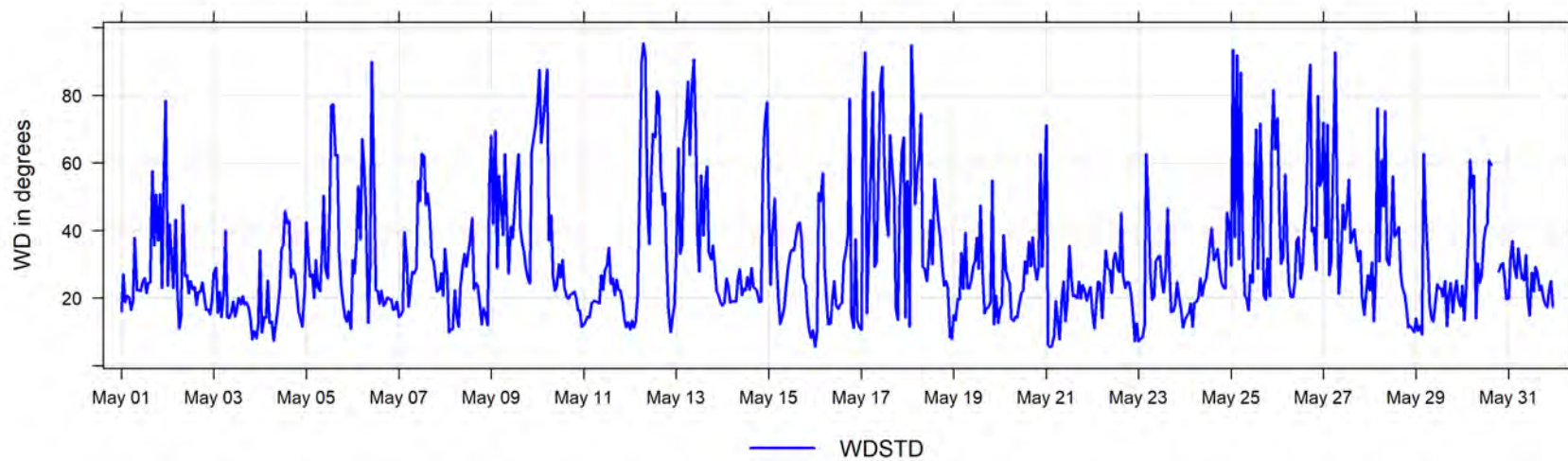
May 2026 Hourly Readings of Wind Speed (in km/hr) at Dunes

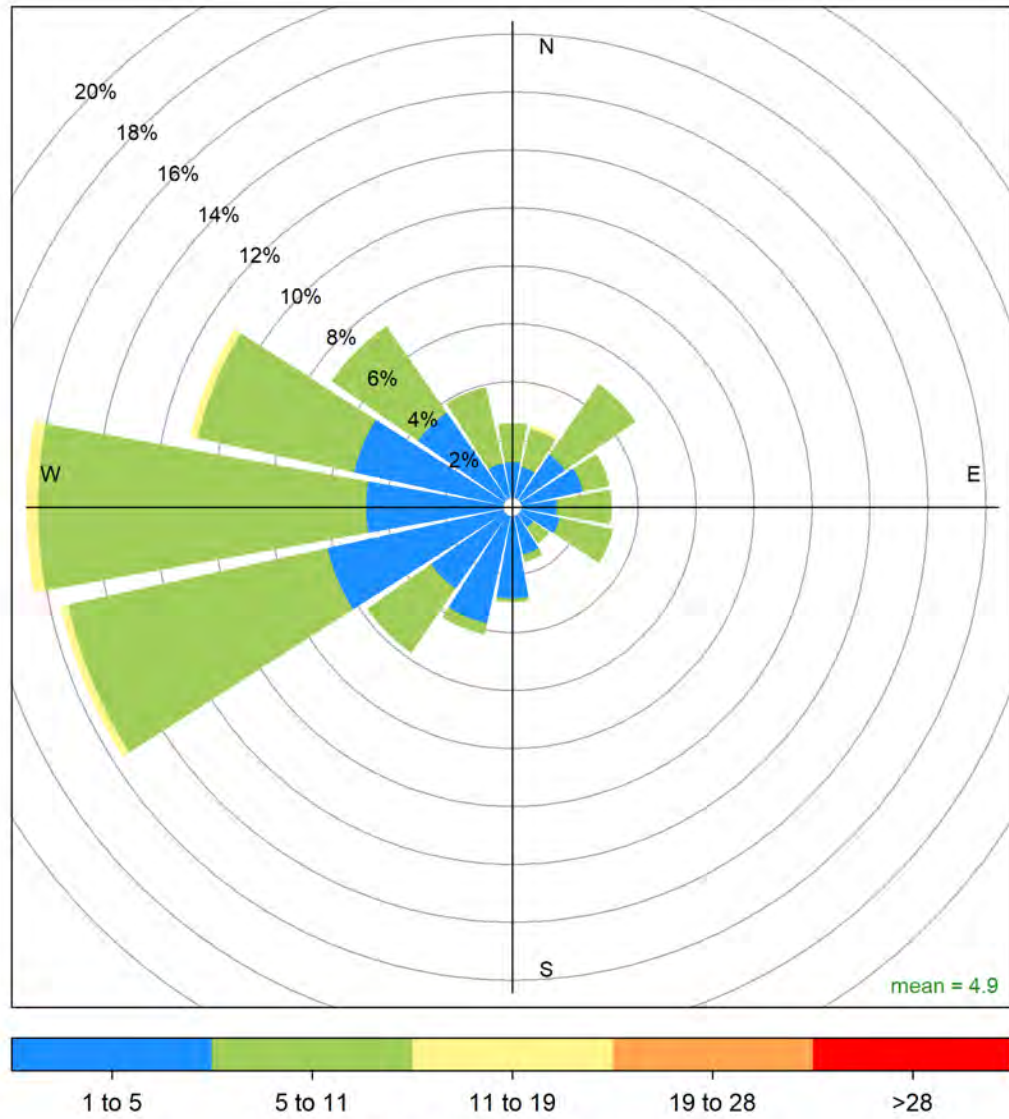


May 2026 Hourly Readings of Wind Direction (in degrees) at Dunes



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Dunes



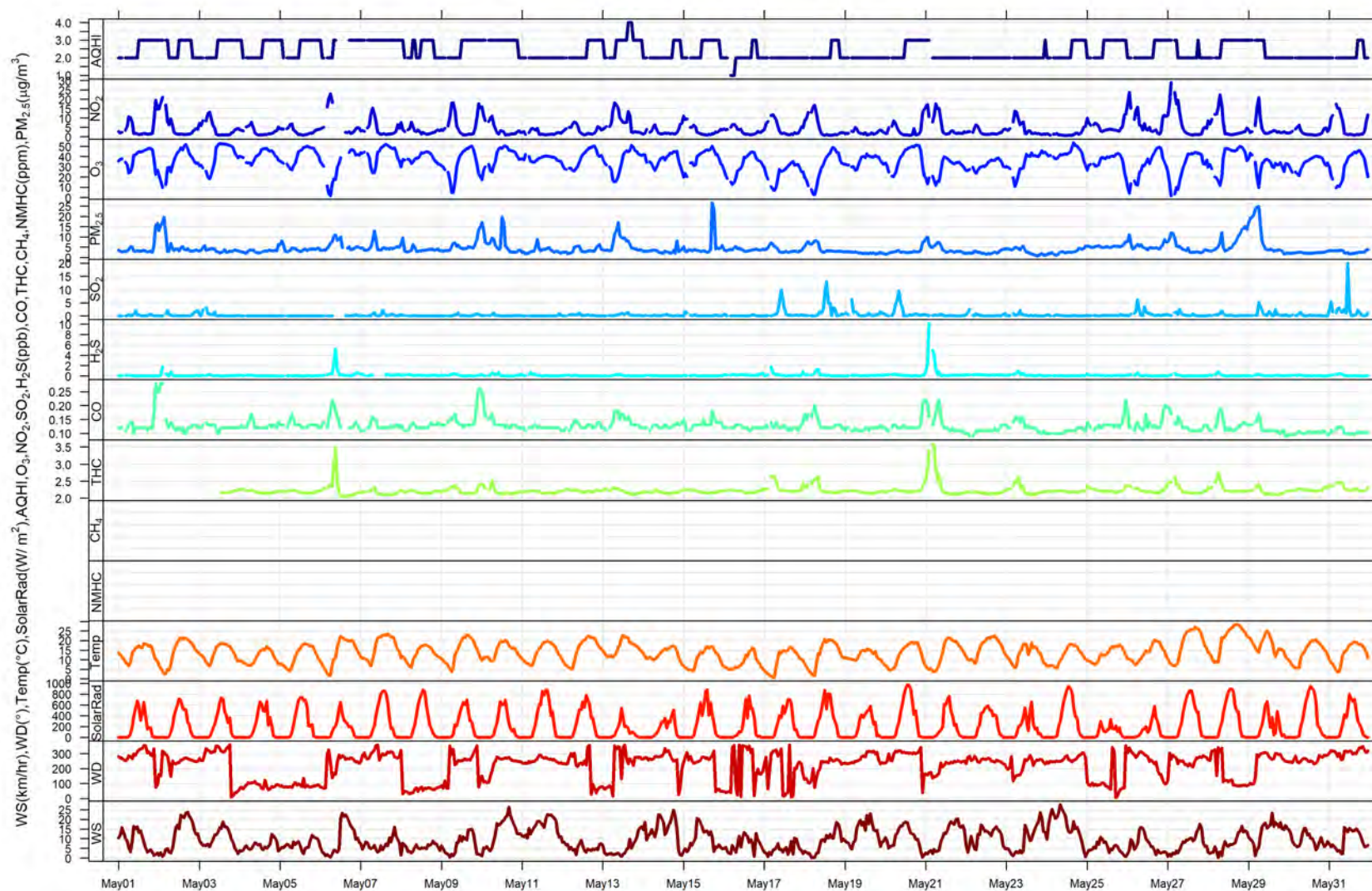


Dunes May 2026 Wind Rose, wind speed in km/hr

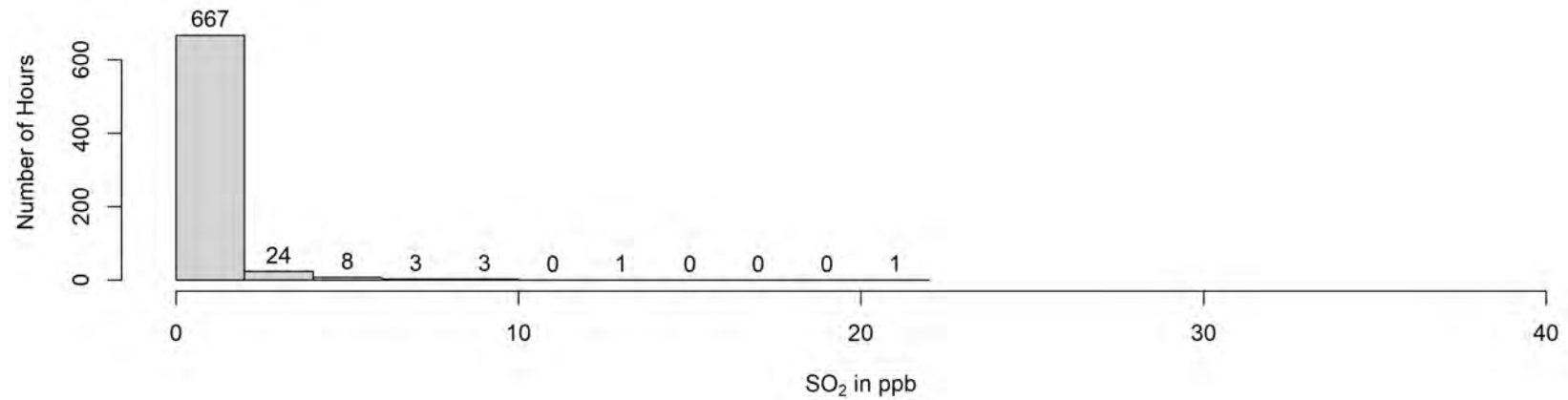
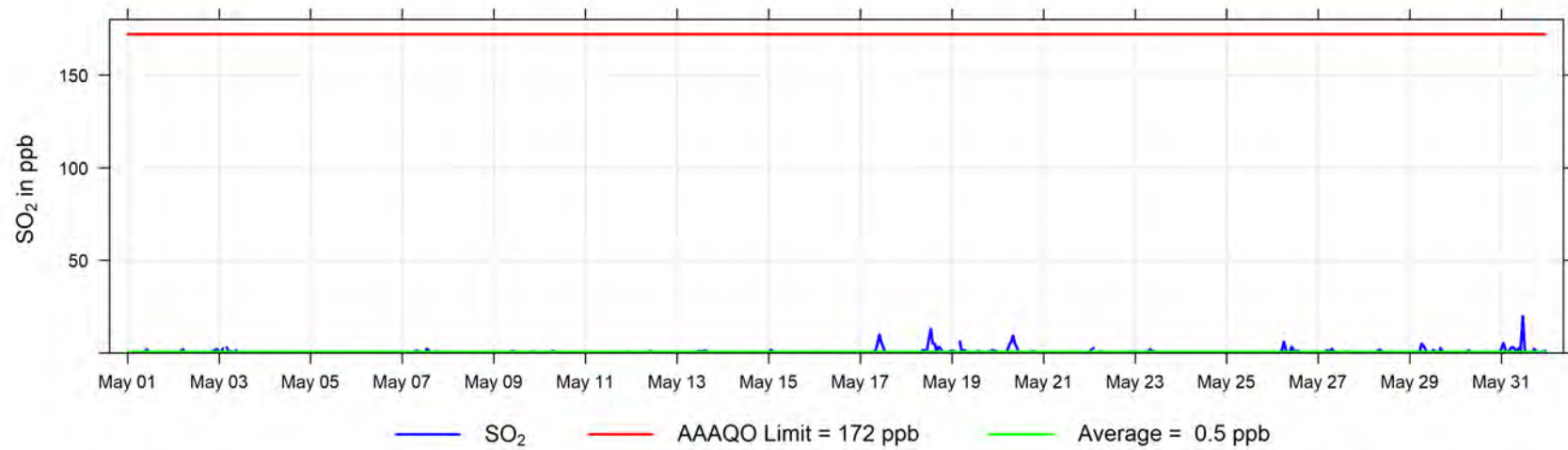
Calms (<1km/hr) = 10.5 %

4 Grande Prairie - Henry Pirker Charts

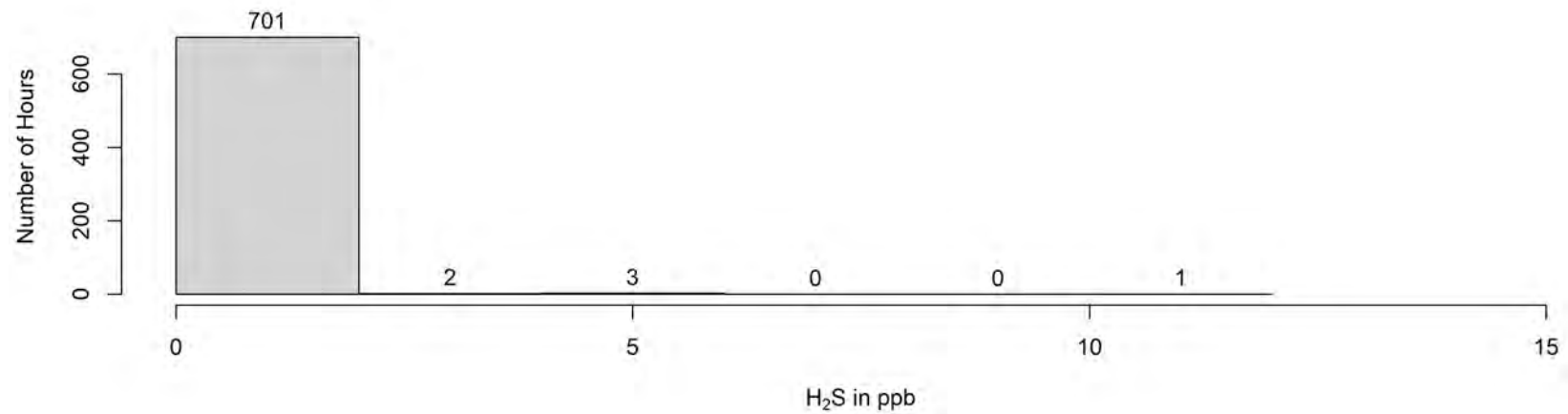
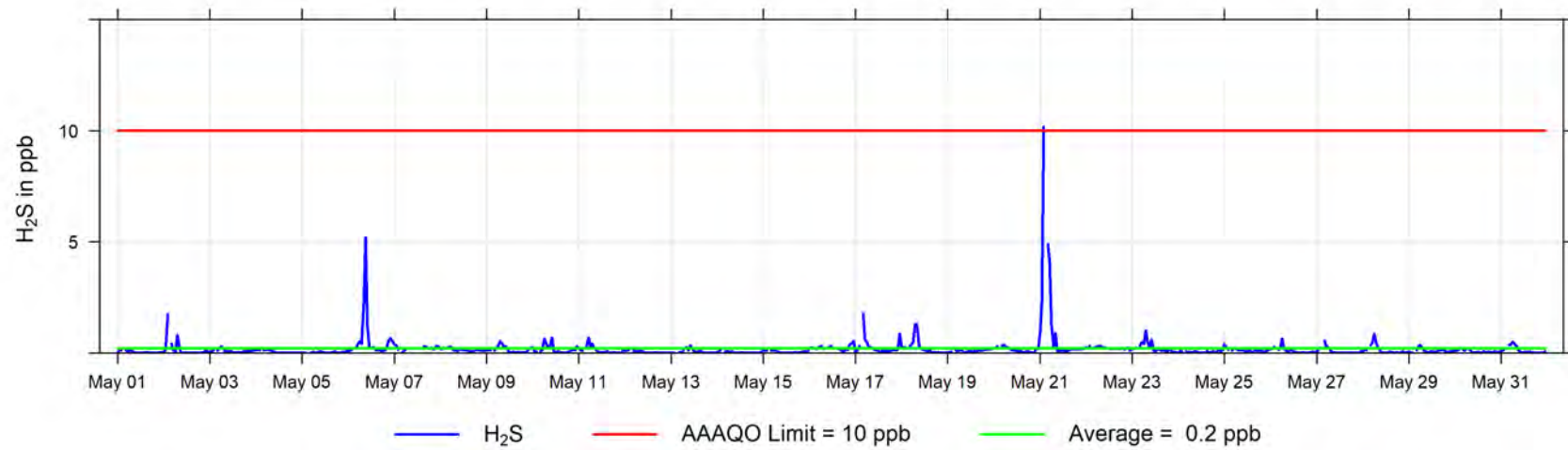
May 2026 Concentration Readings at Henry Pirker Station



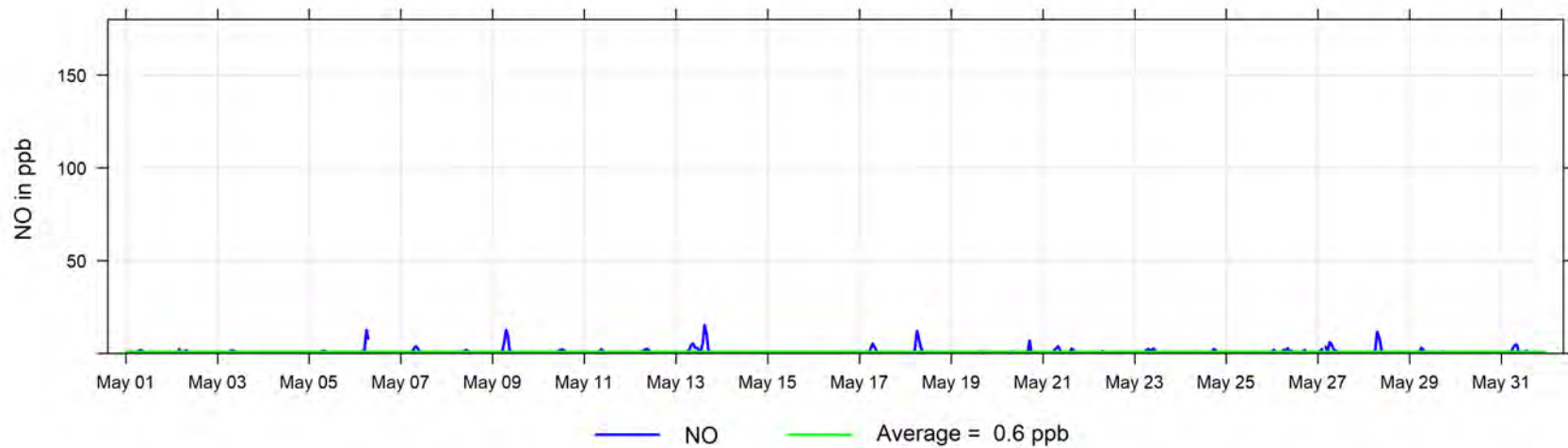
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Henry Pirker



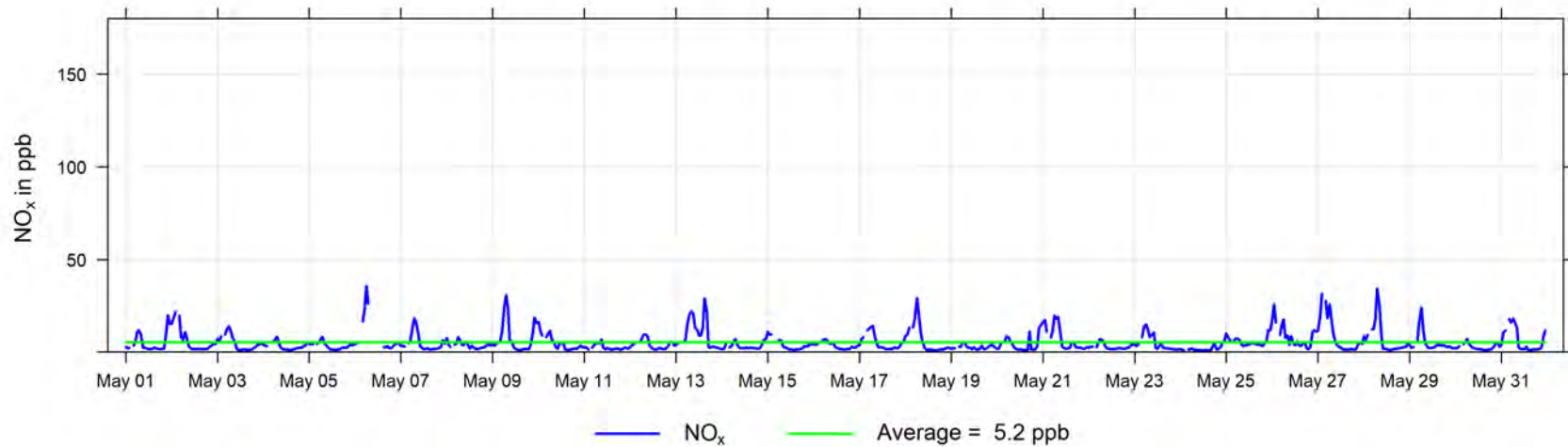
May 2026 Hourly Concentration Readings of H₂S (in ppb) at Henry Pirker



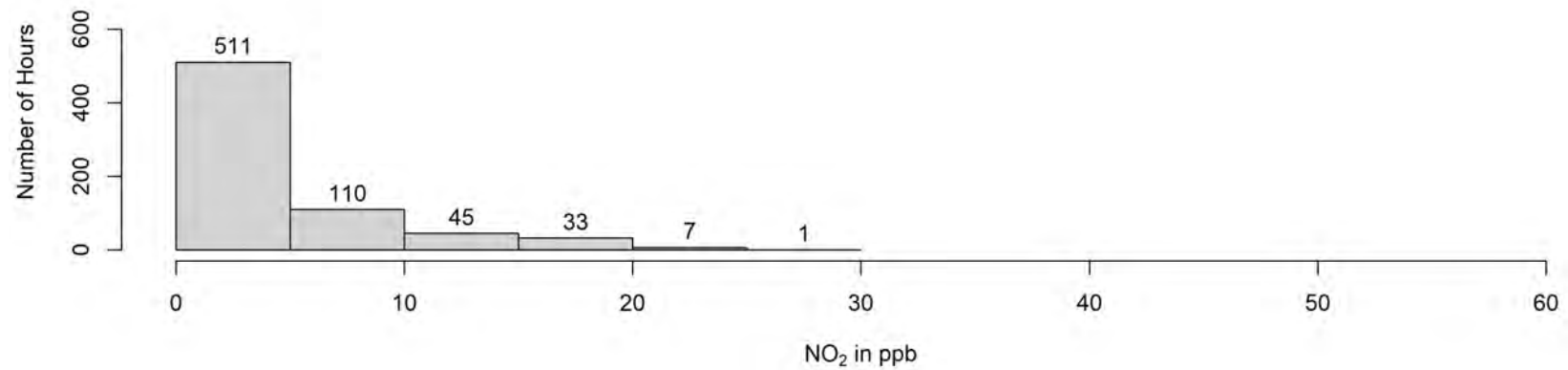
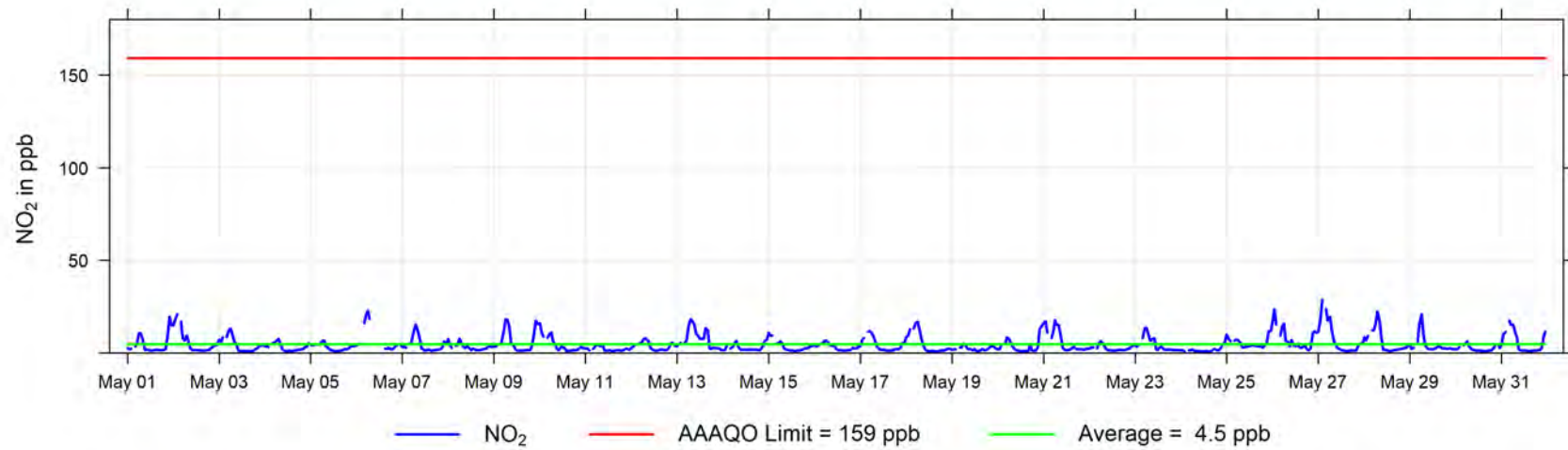
May 2026 Hourly Concentration Readings of NO (in ppb) at Henry Pirker



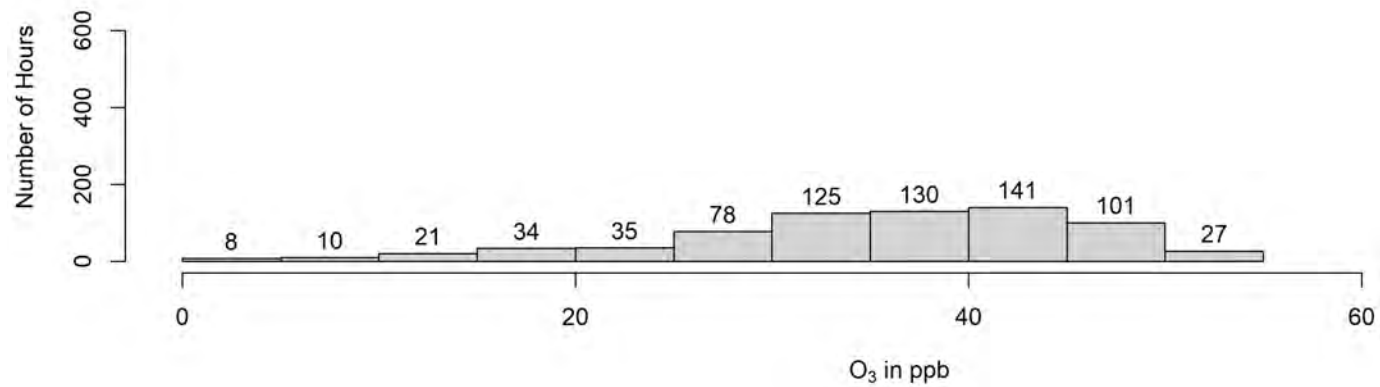
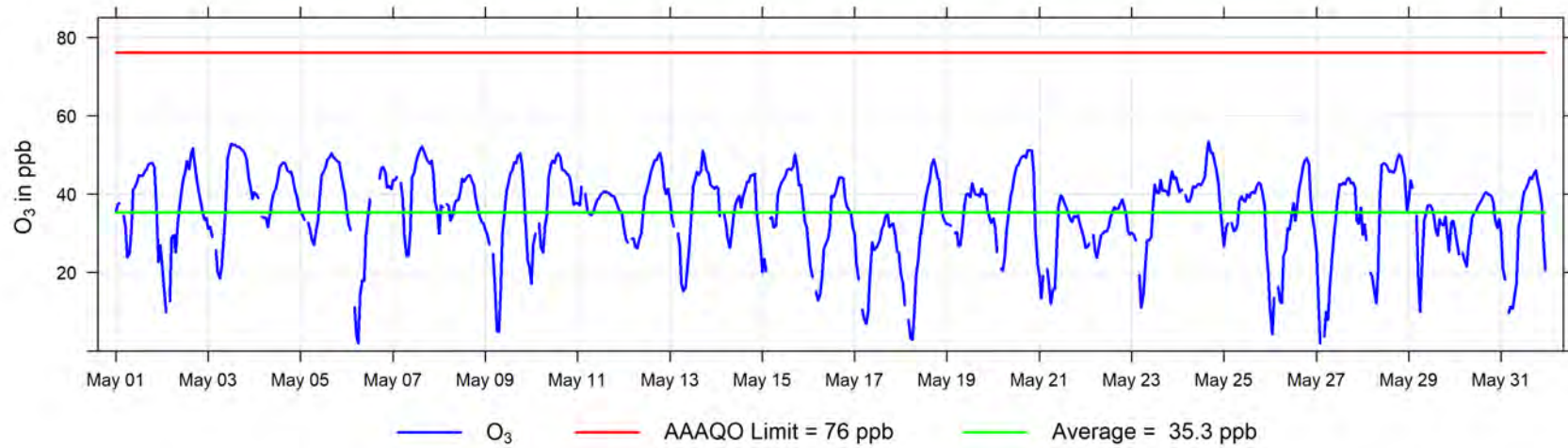
May 2026 Hourly Concentration Readings of NO_x (in ppb) at Henry Pirker



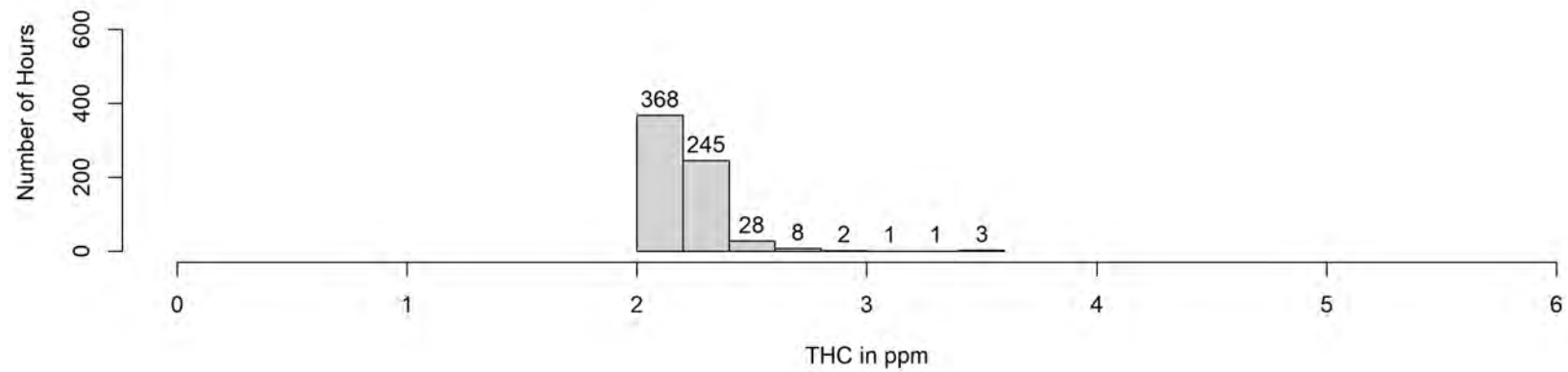
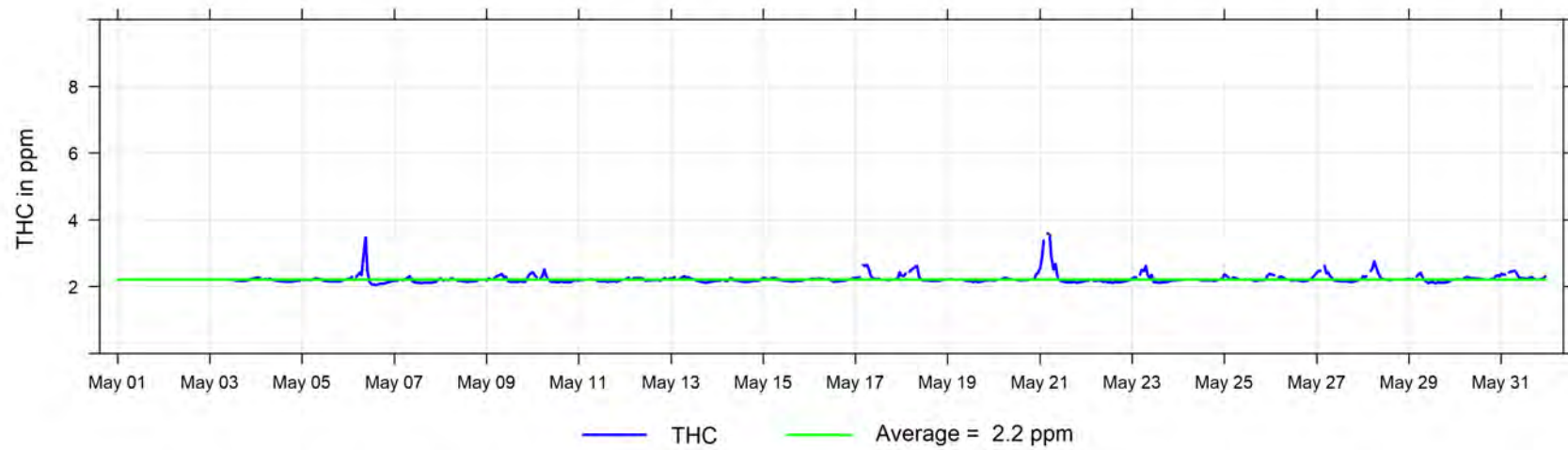
May 2026 Hourly Concentration Readings of NO₂ (in ppb) at Henry Pirker



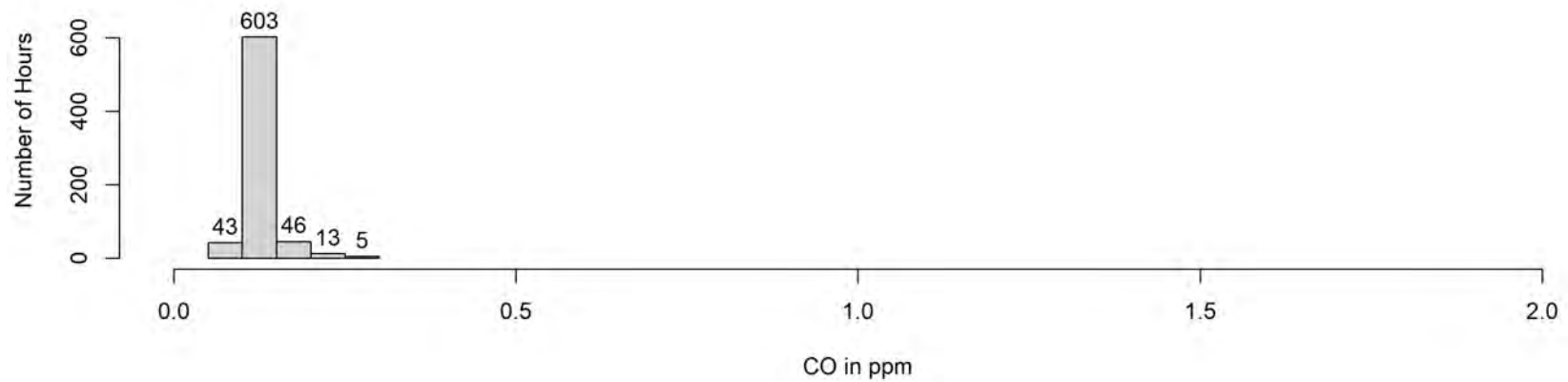
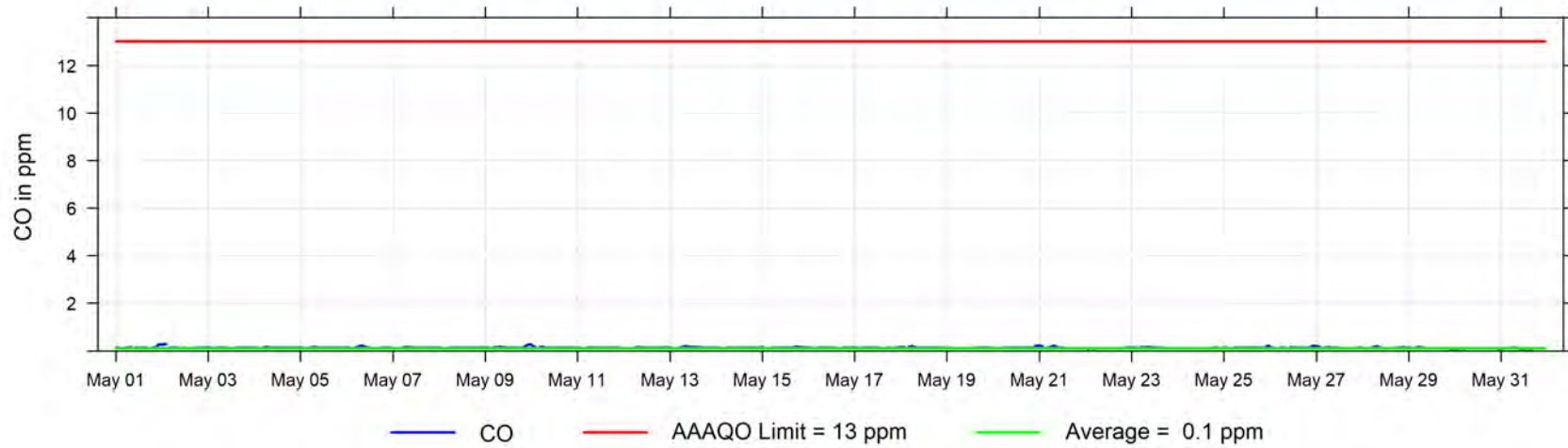
May 2026 Hourly Concentration Readings of O₃ (in ppb) at Henry Pirker



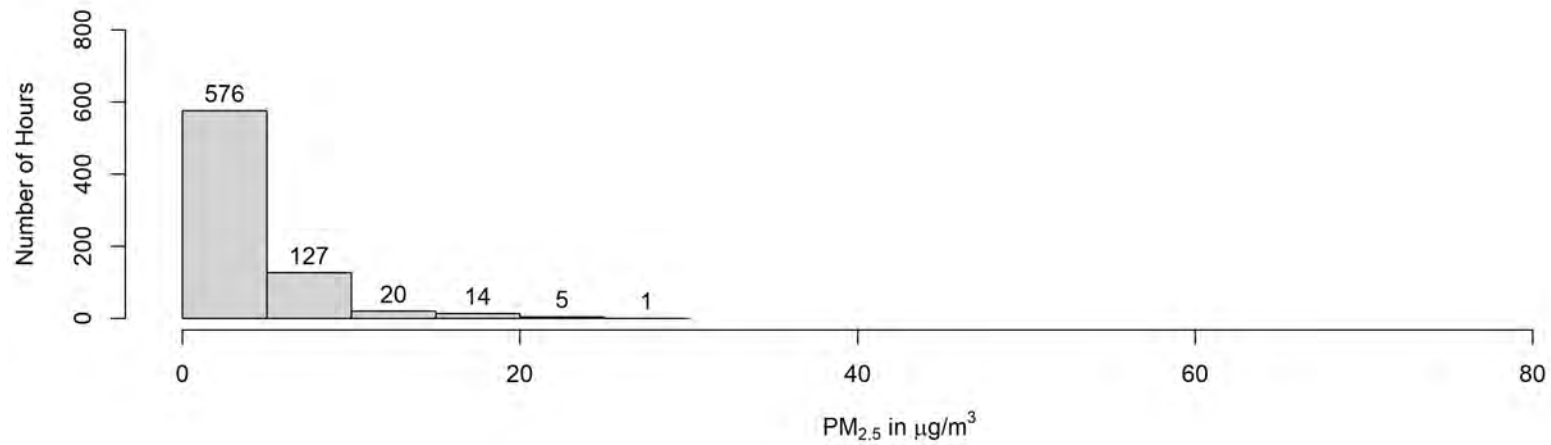
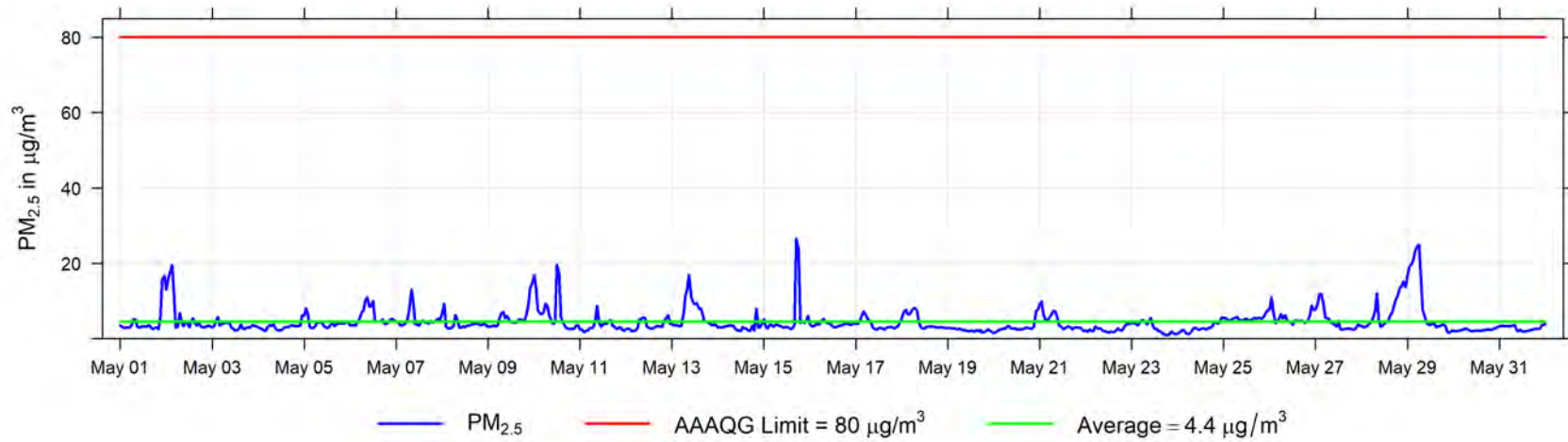
May 2026 Hourly Concentration Readings of THC (in ppm) at Henry Pirker



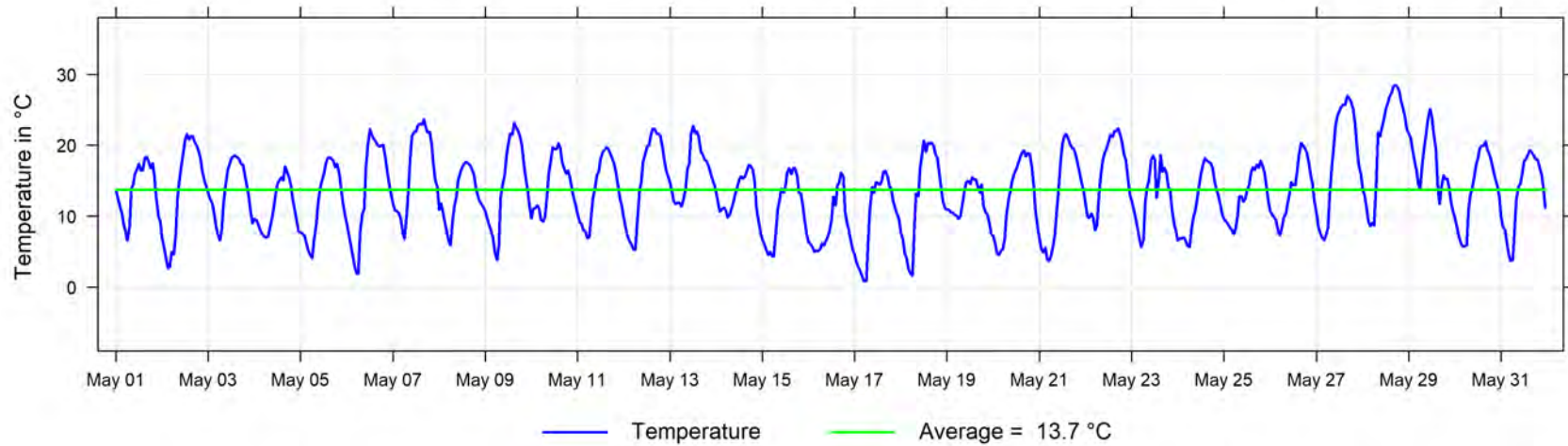
May 2026 Hourly Concentration Readings of CO (in ppm) at Henry Pirker



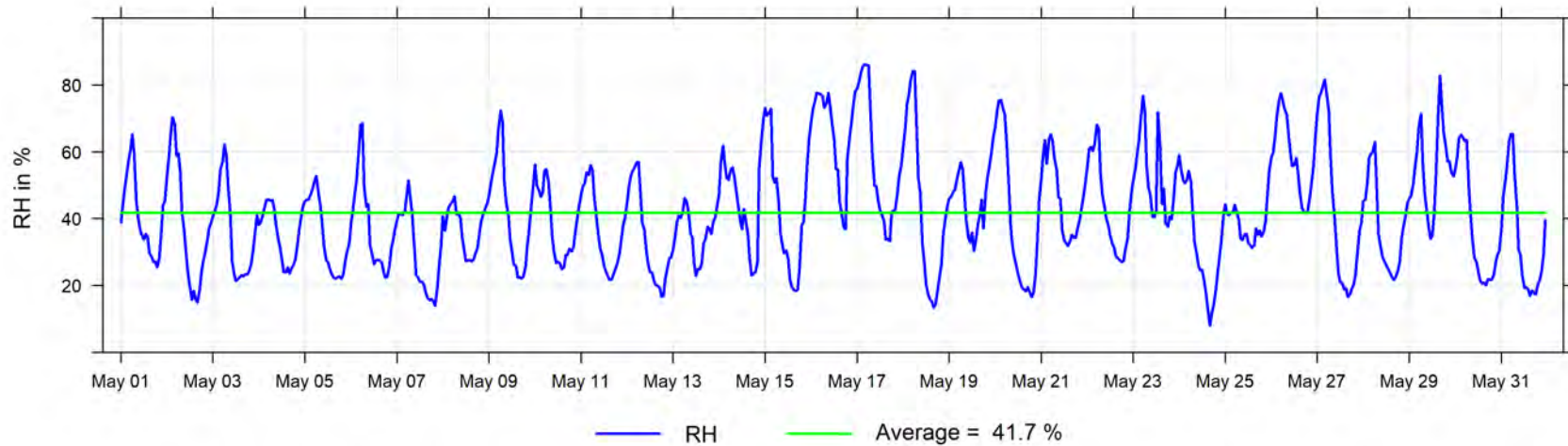
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Henry Pirker



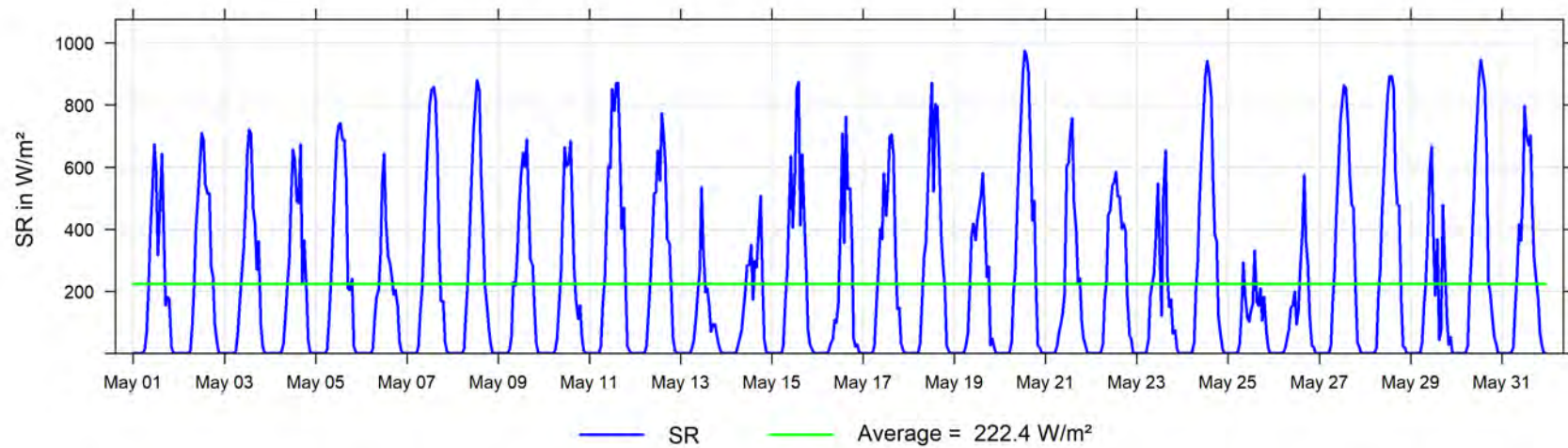
May 2026 Hourly Temperature Readings (in °C) at Henry Pirker



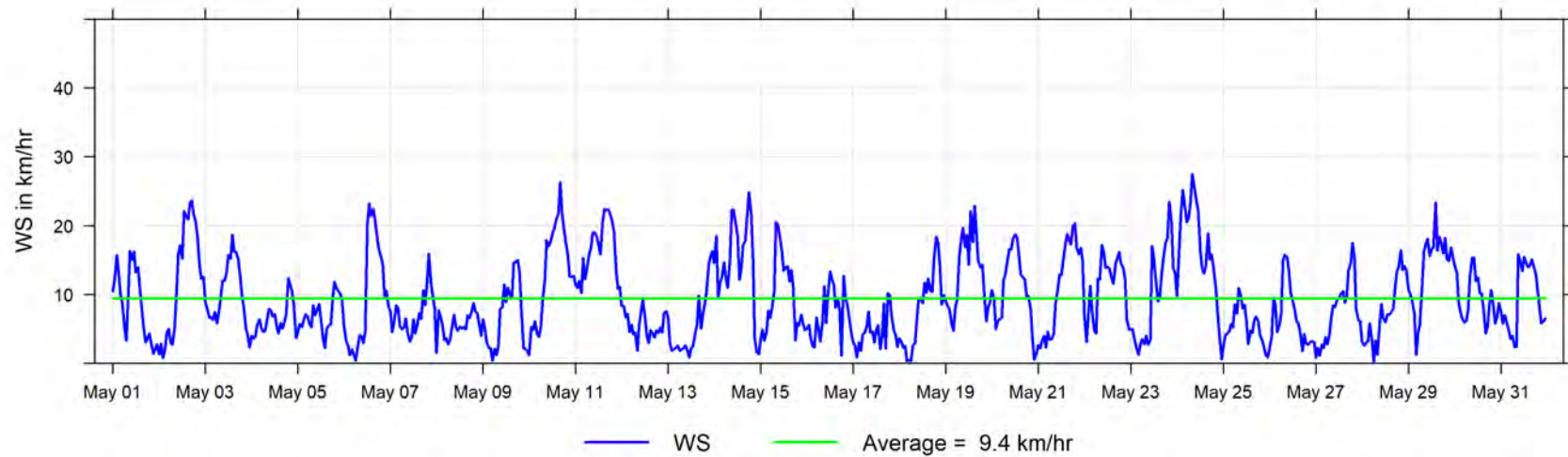
May 2026 Hourly Readings of Relative Humidity (in %) at Henry Pirker



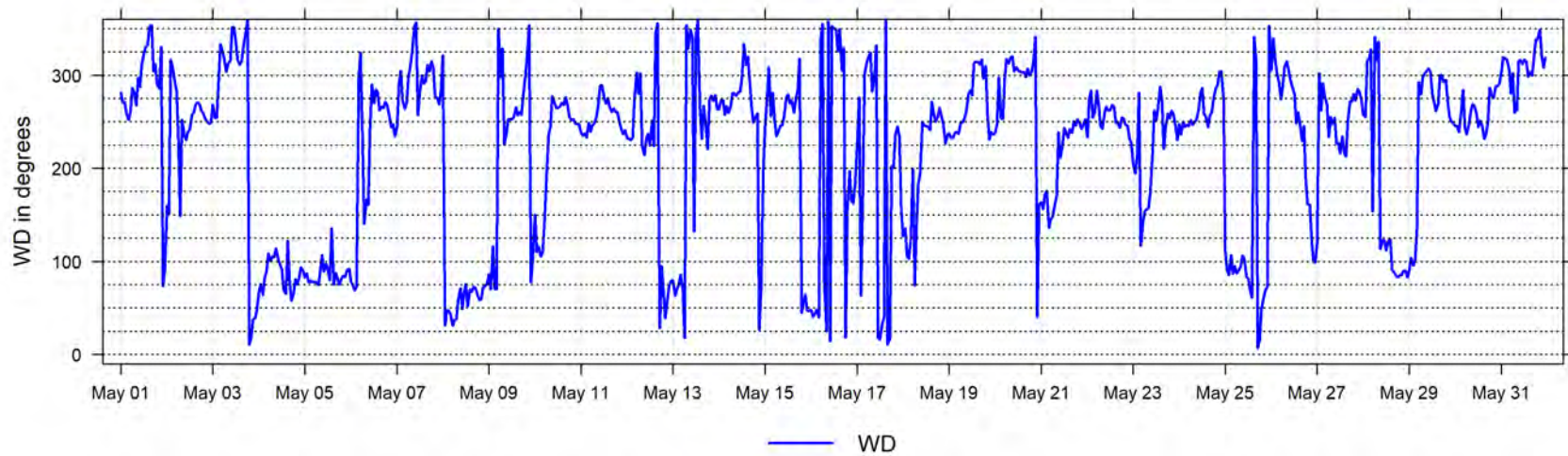
May 2026 Hourly Readings of Solar Radiation (in W/m²) at Henry Pirker



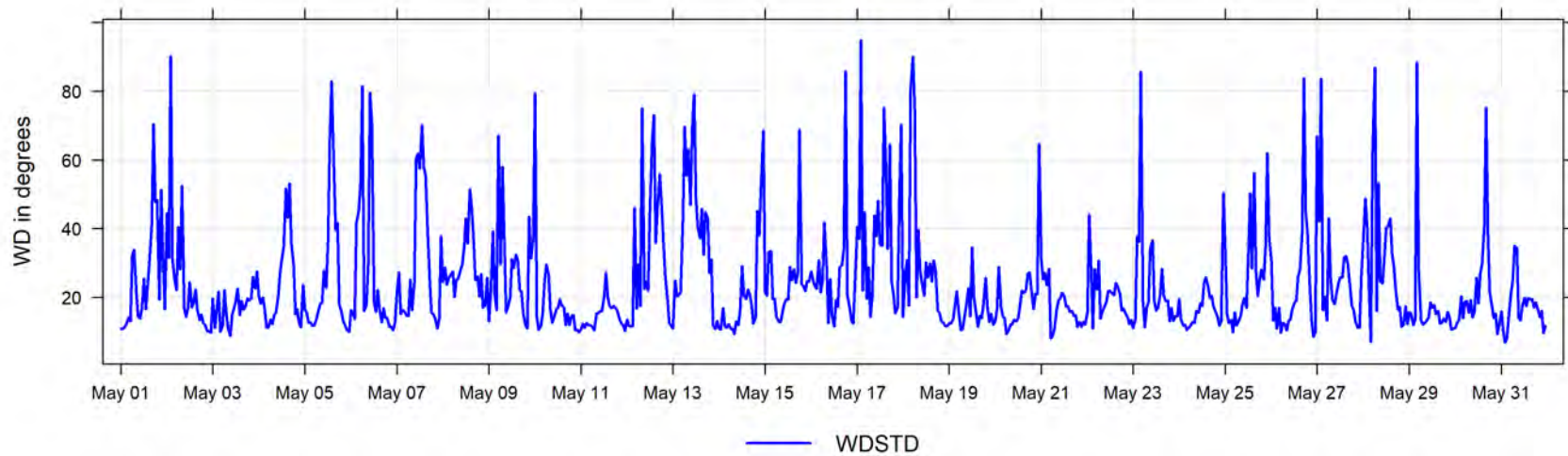
May 2026 Hourly Readings of Wind Speed (in km/hr) at Henry Pirker

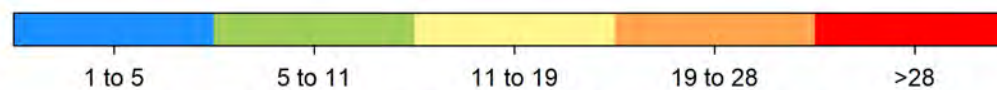
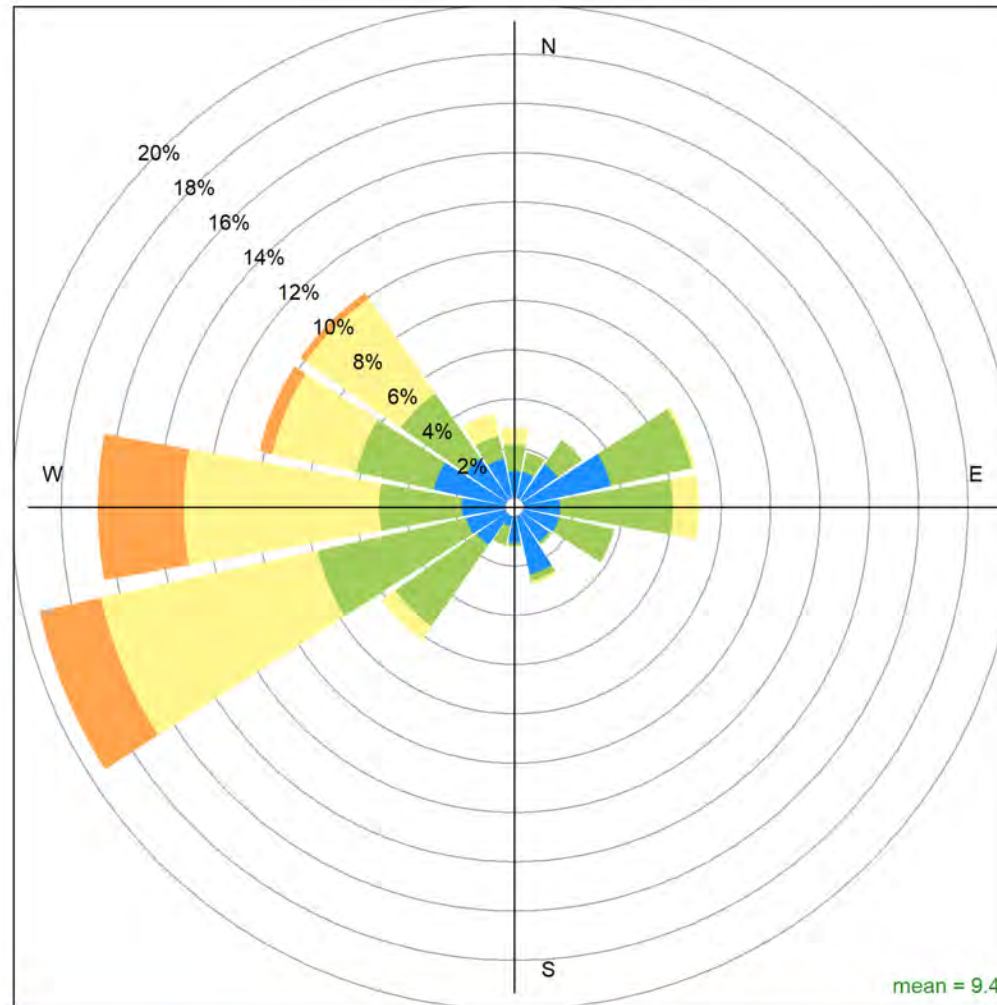


May 2026 Hourly Readings of Wind Direction (in degrees) at Henry Pirker



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Henry Pirker



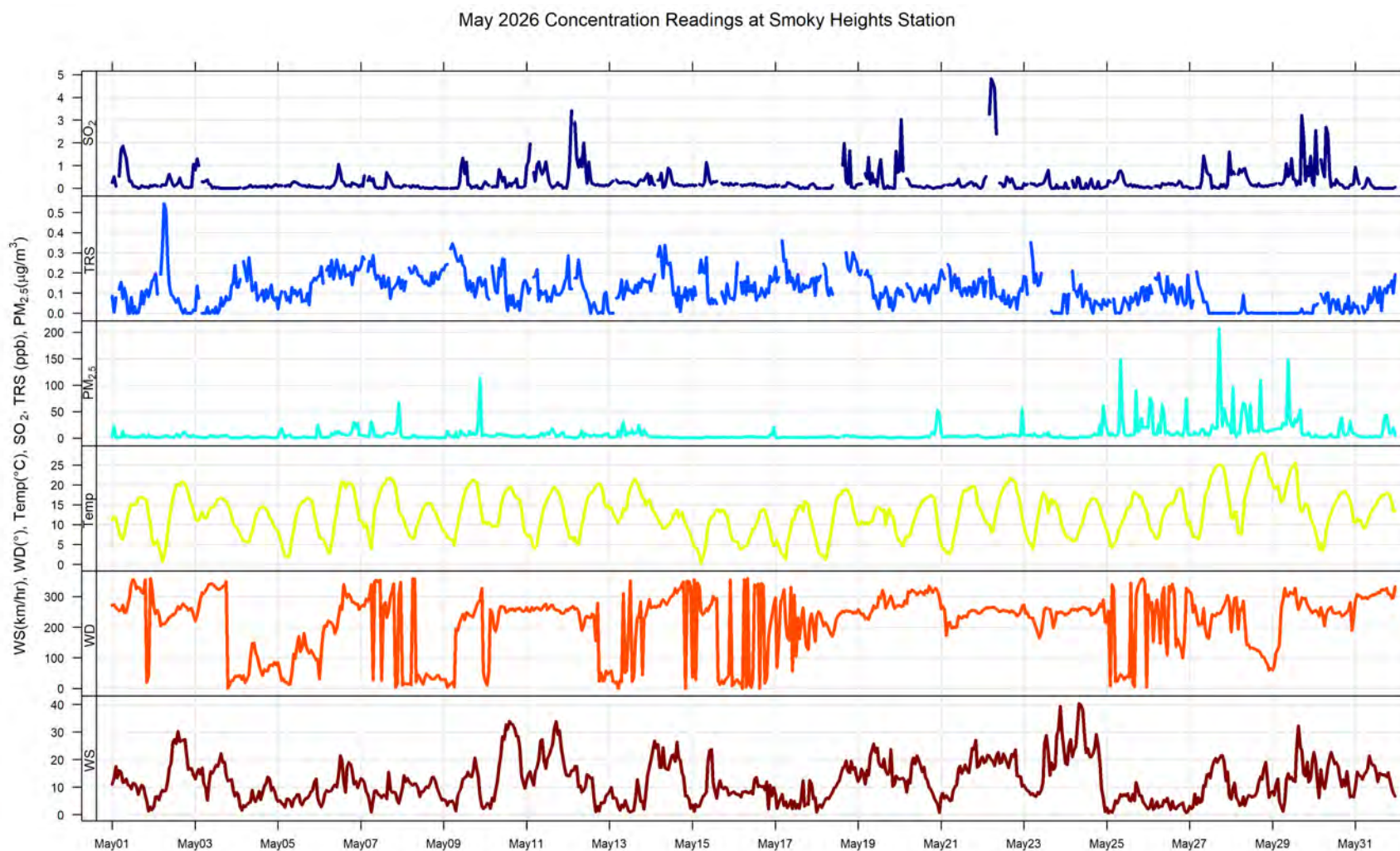


Henry Pirker May 2026 Wind Rose, wind speed in km/hr

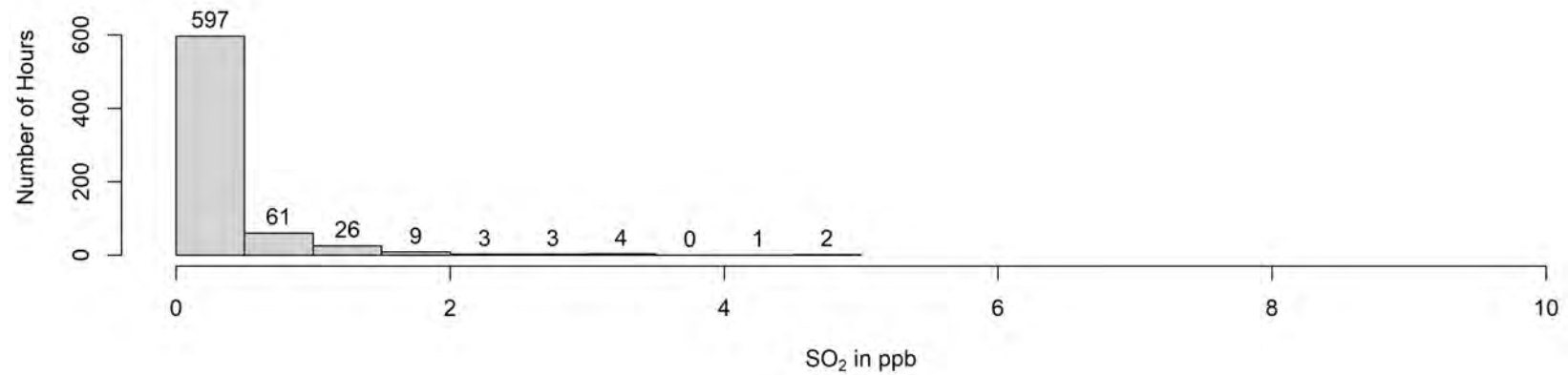
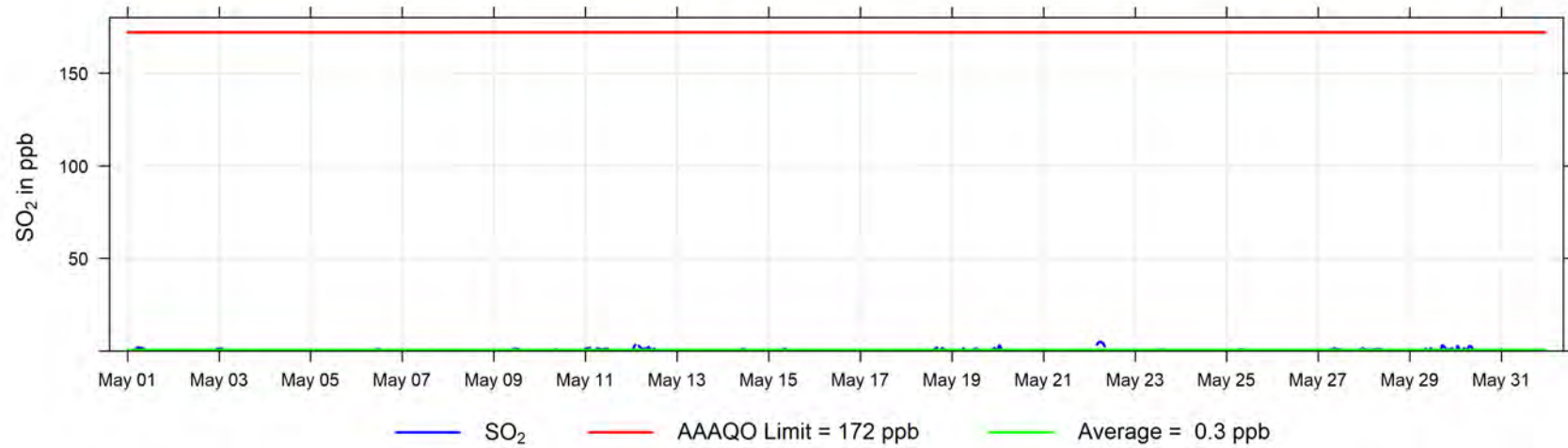
Calms (<1km/hr) = 1.7 %

5 Smoky Heights Charts

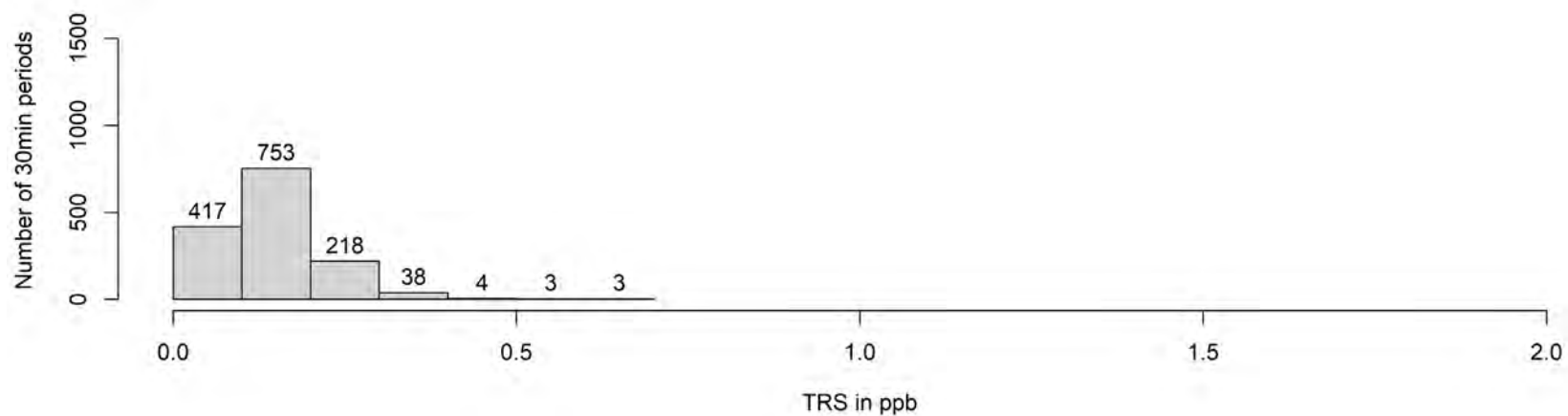
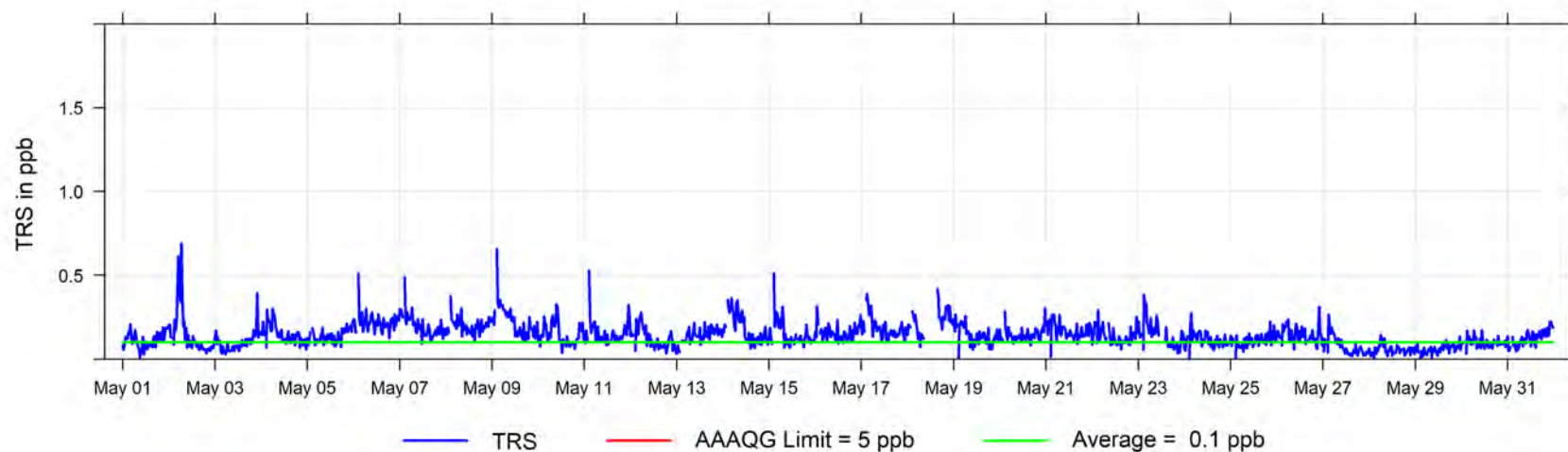
The following pages include the charts and histograms for Smoky Heights Station



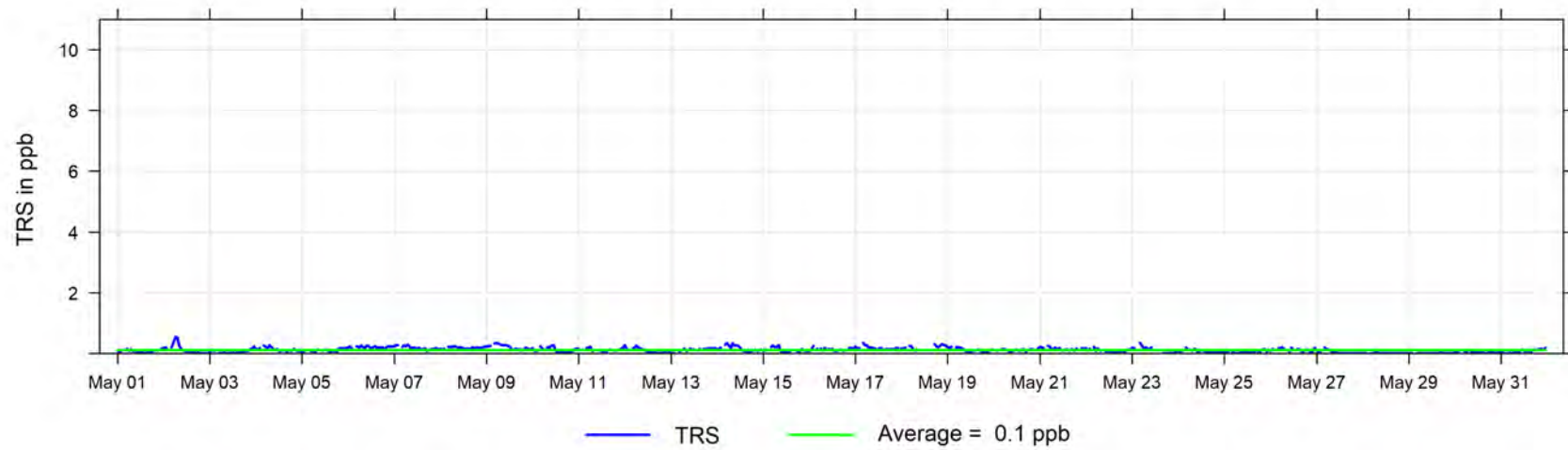
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Smoky Heights



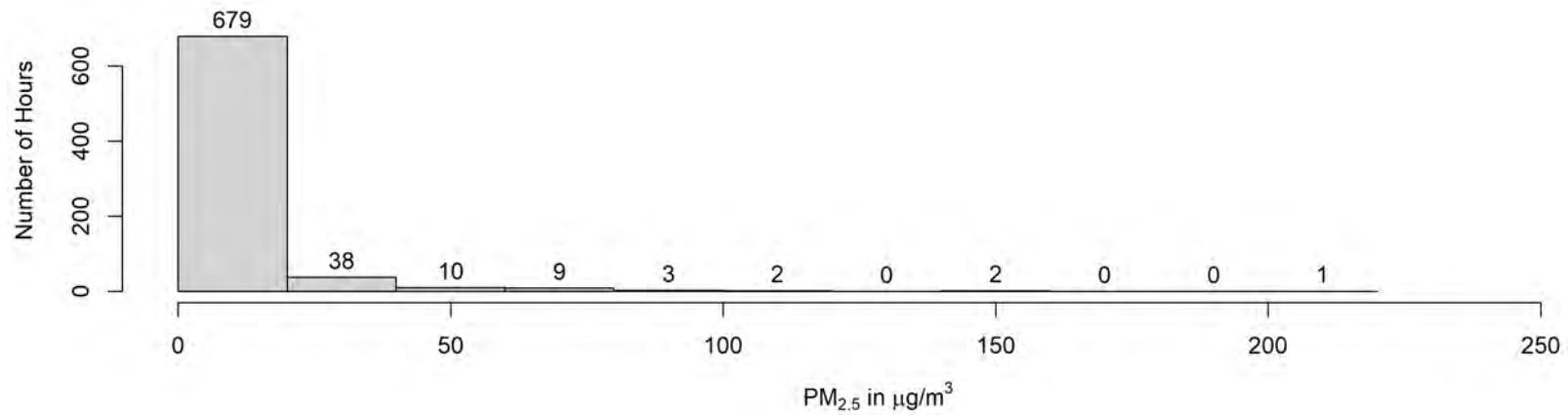
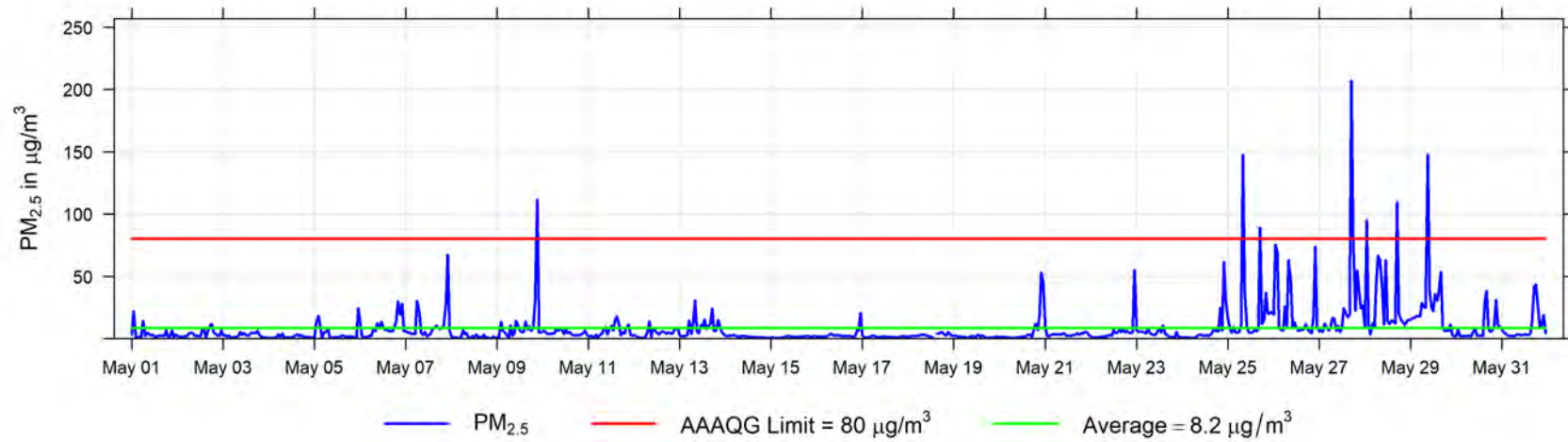
May 2026 30 min Concentration Readings of TRS (in ppb) at Smoky Heights



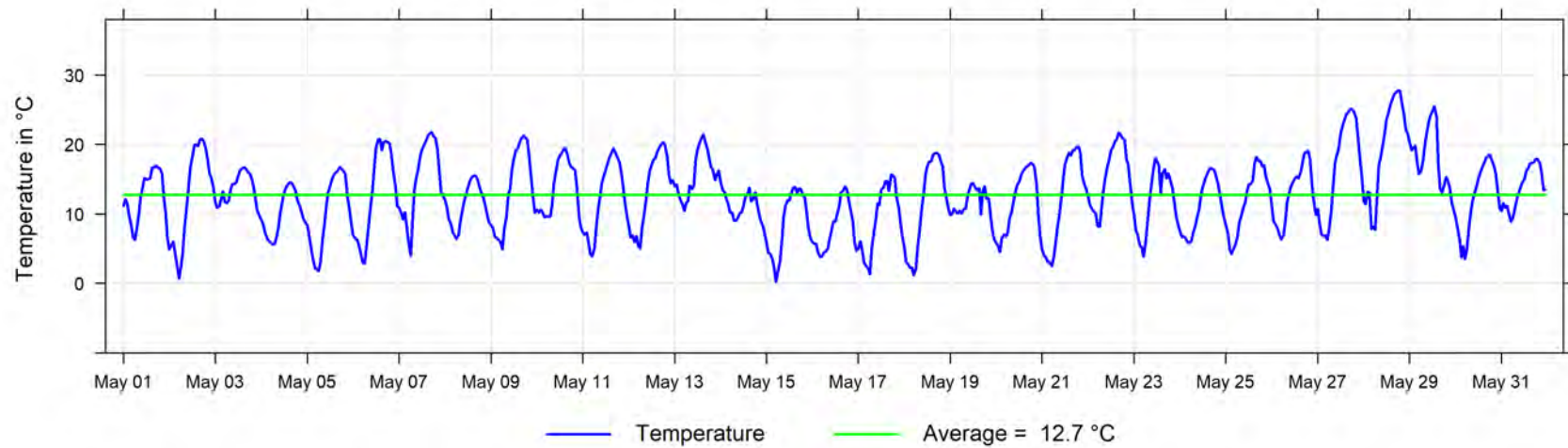
May 2026 Hourly Concentration Readings of TRS (in ppb) at Smoky Heights



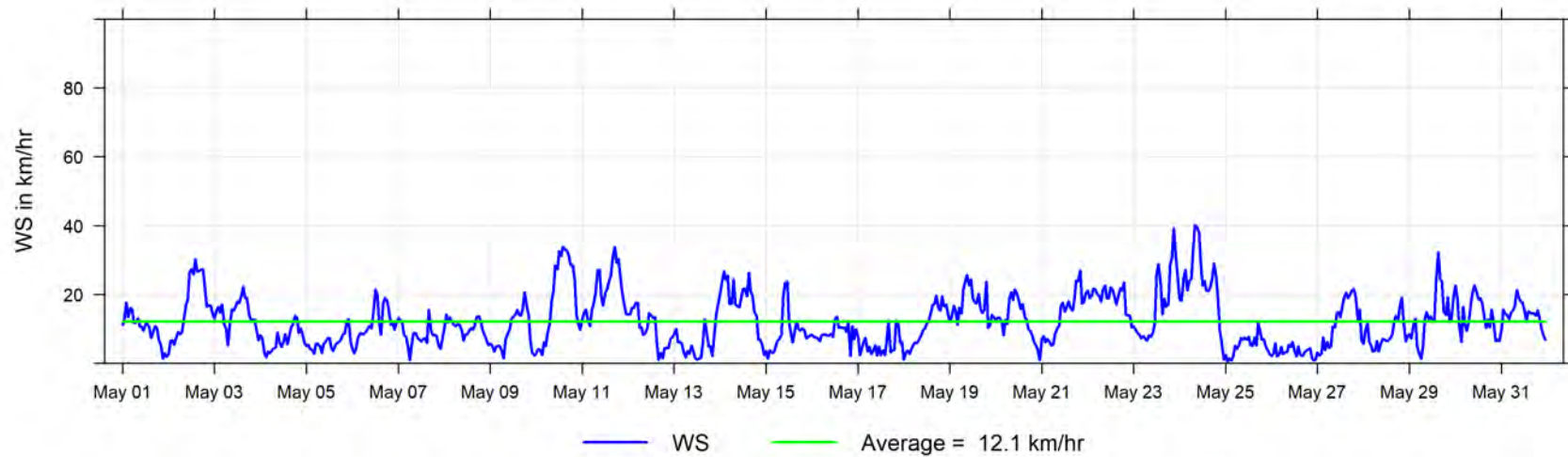
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Smoky Heights



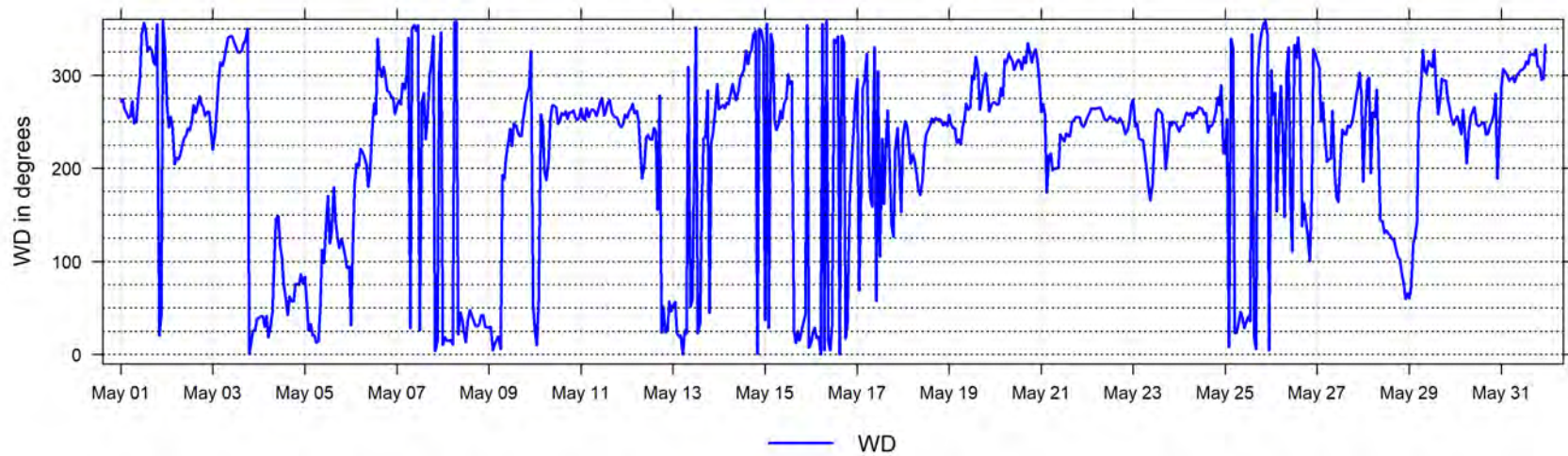
May 2026 Hourly Temperature Readings (in °C) at Smoky Heights



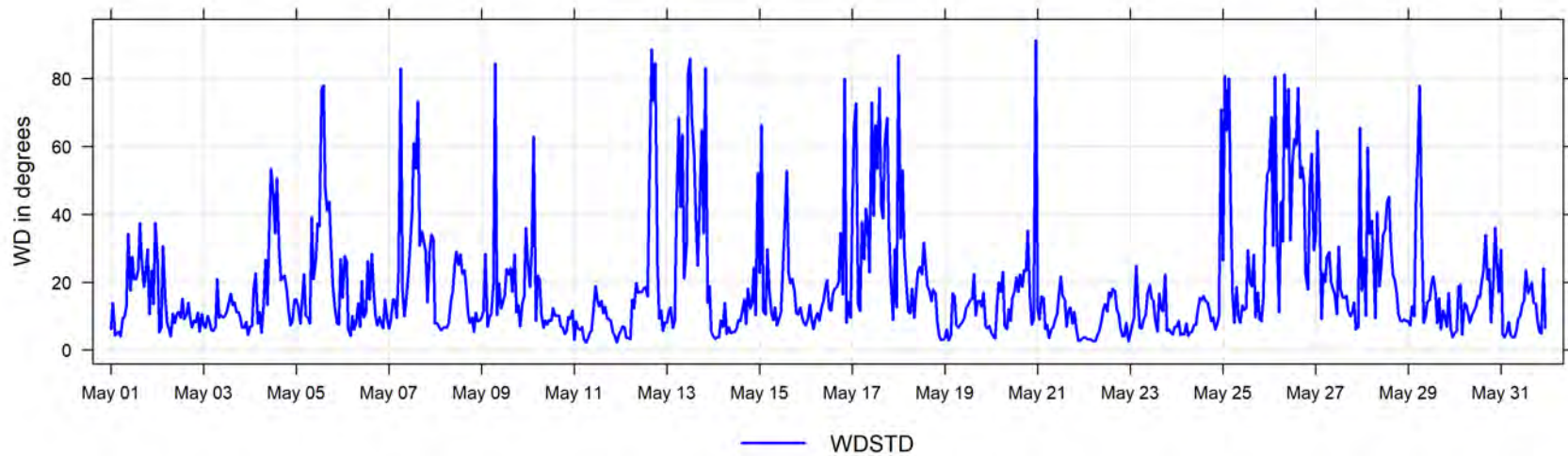
May 2026 Hourly Readings of Wind Speed (in km/hr) at Smoky Heights

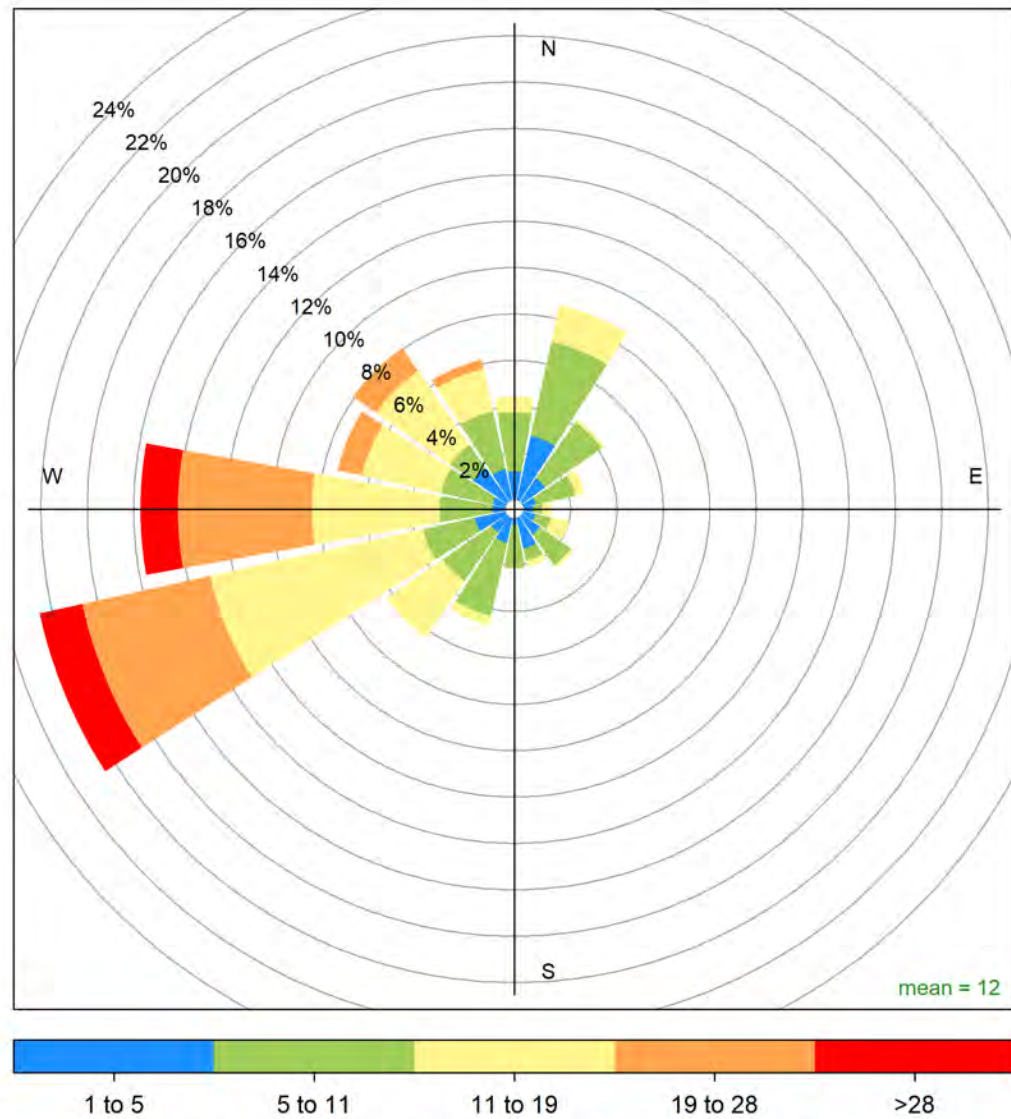


May 2026 Hourly Readings of Wind Direction (in degrees) at Smoky Heights



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Smoky Heights





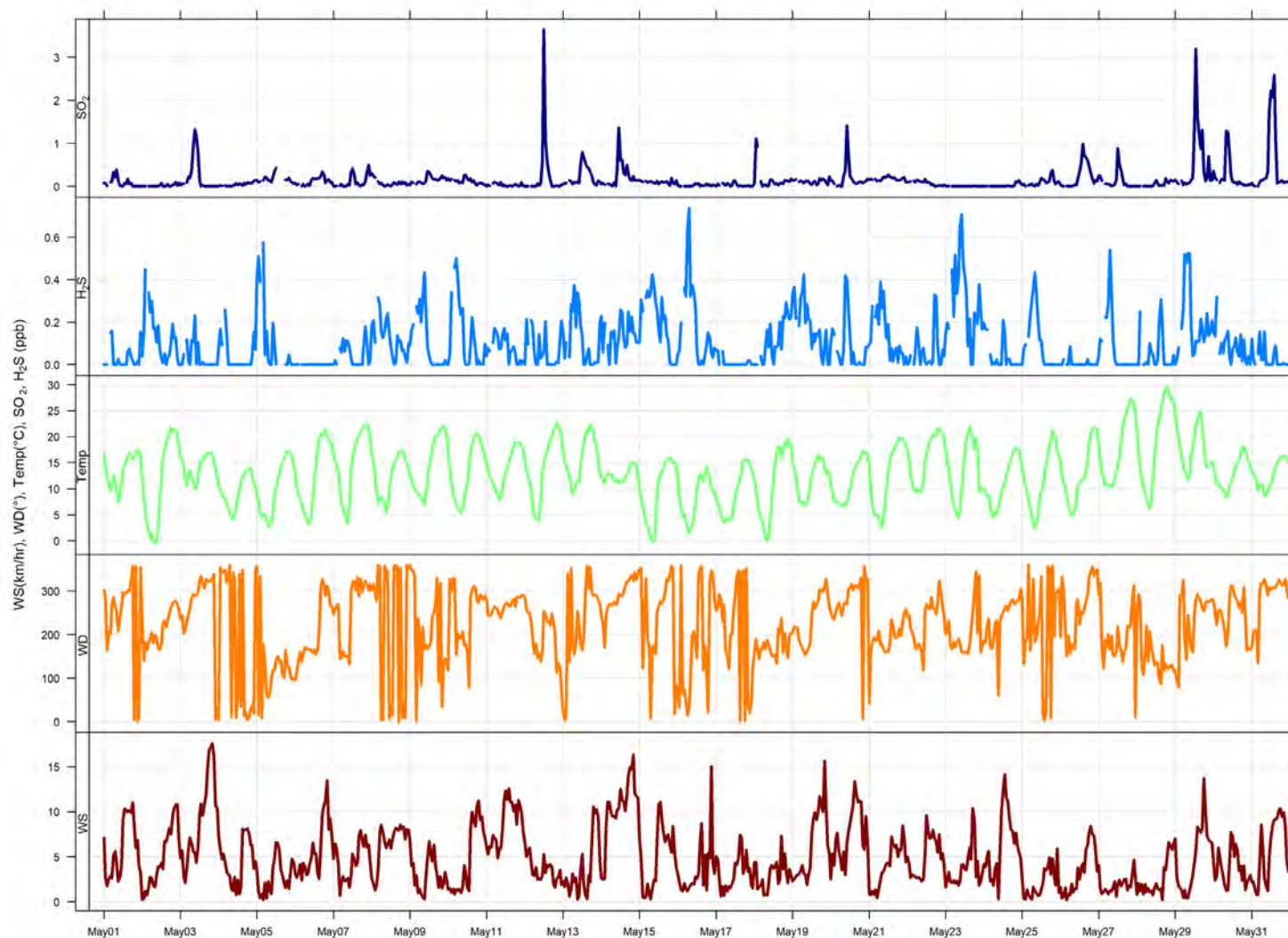
Smoky Heights May 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 0.9 %

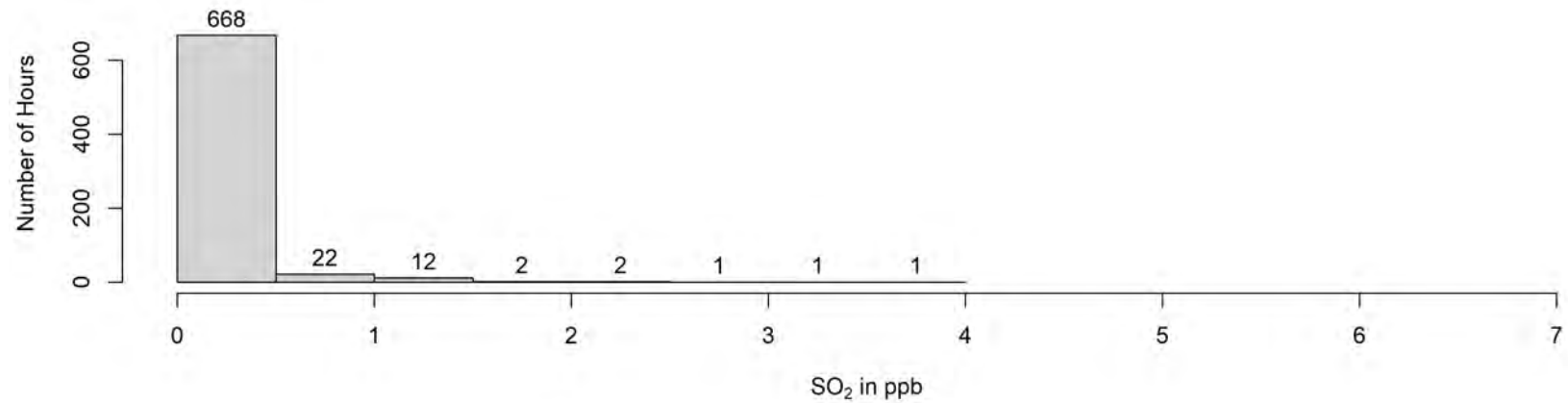
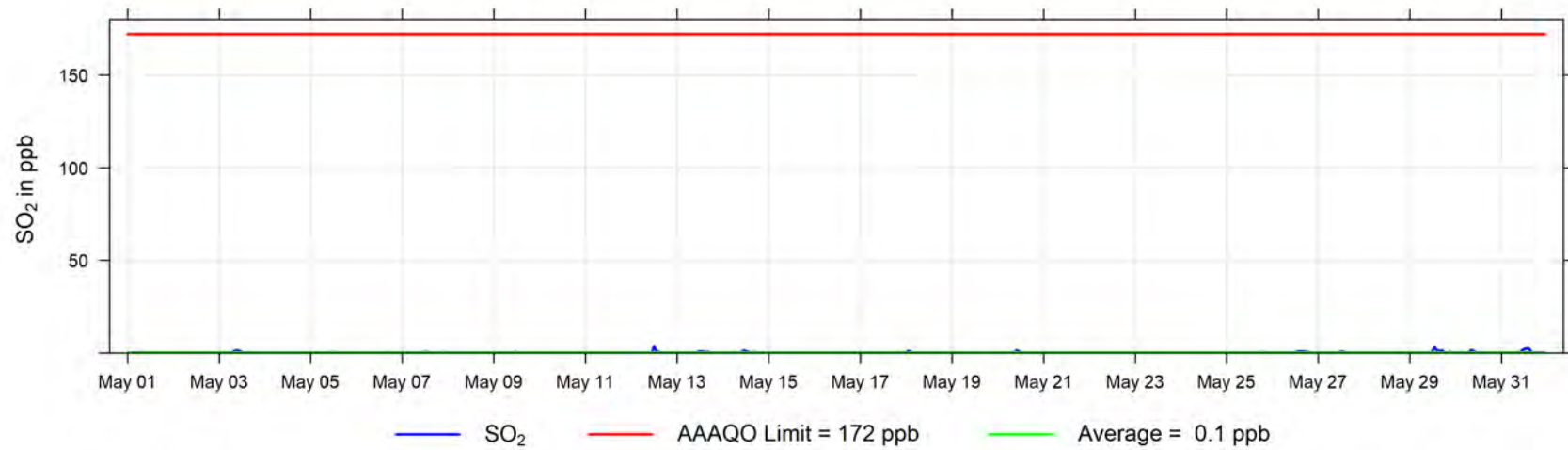
6 Valleyview Charts

The following pages include the charts and histograms for Valleyview Station

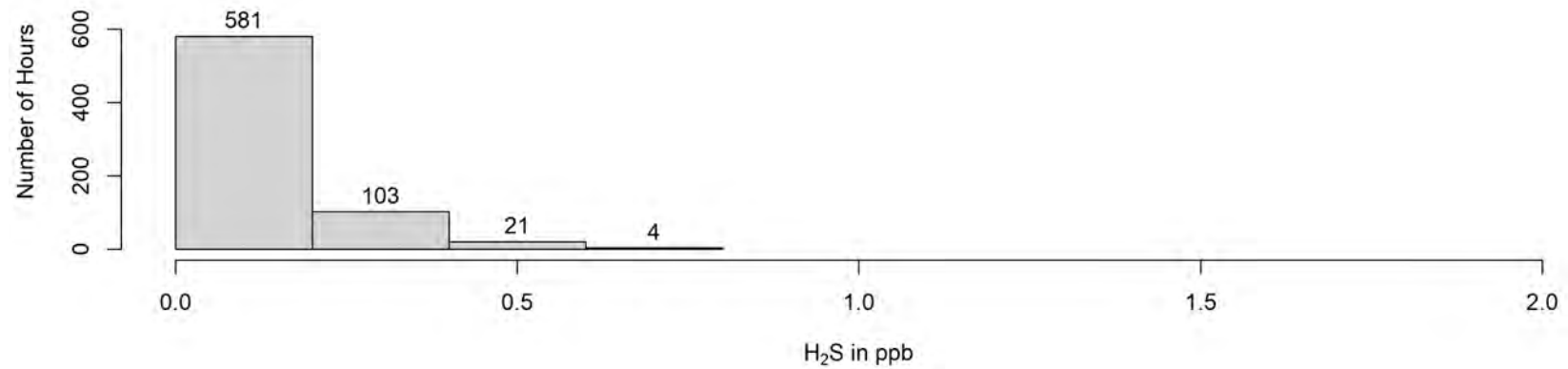
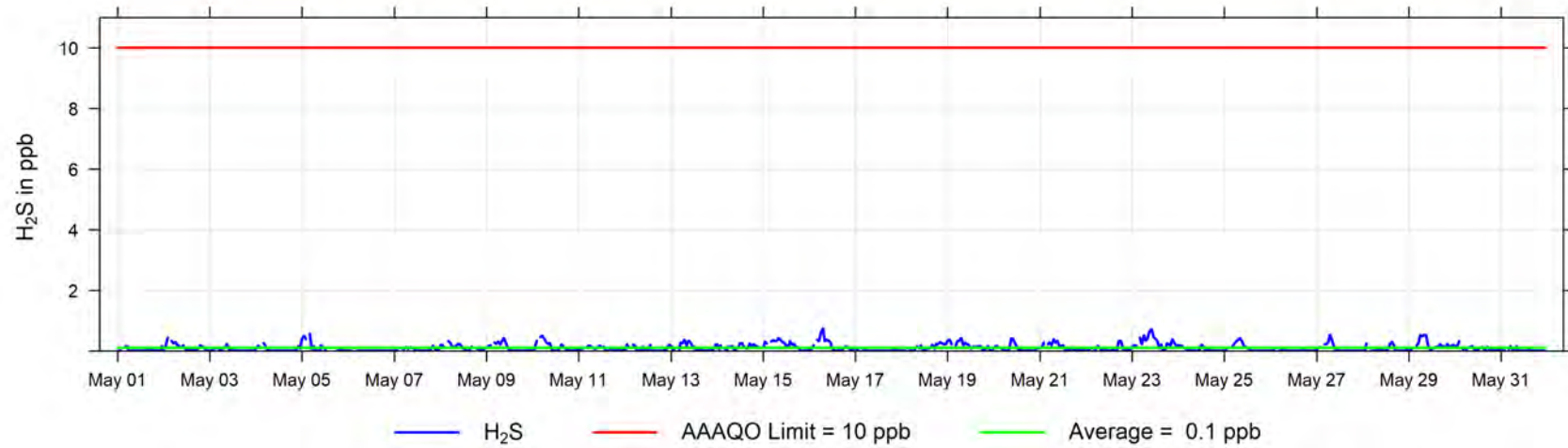
May 2026 Concentration Readings at Valleyview Station



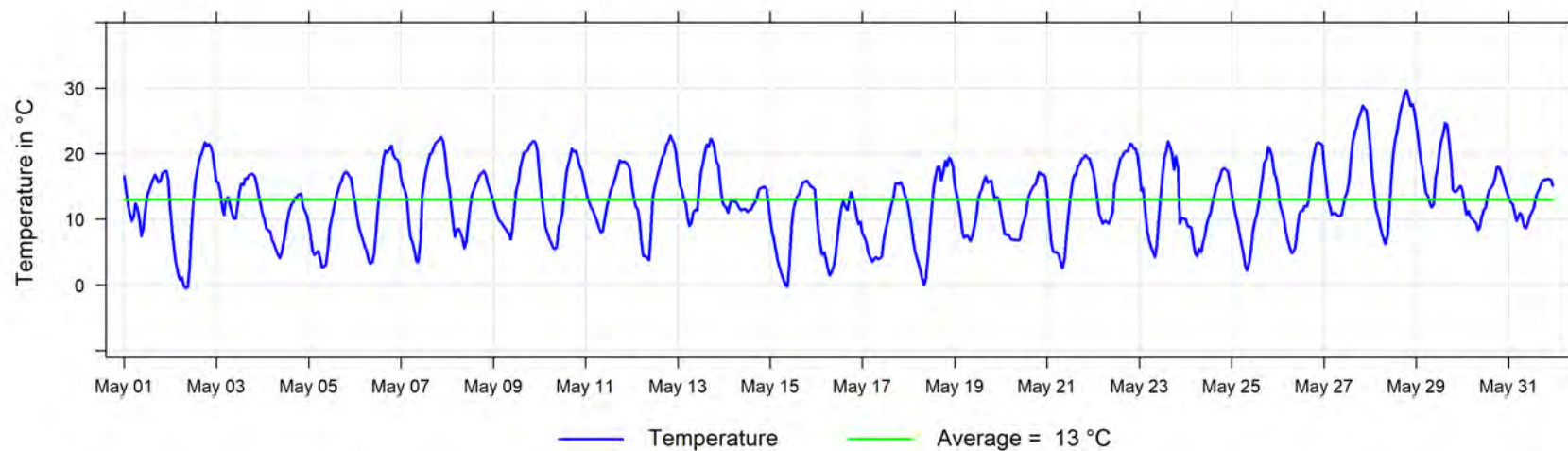
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Valleyview



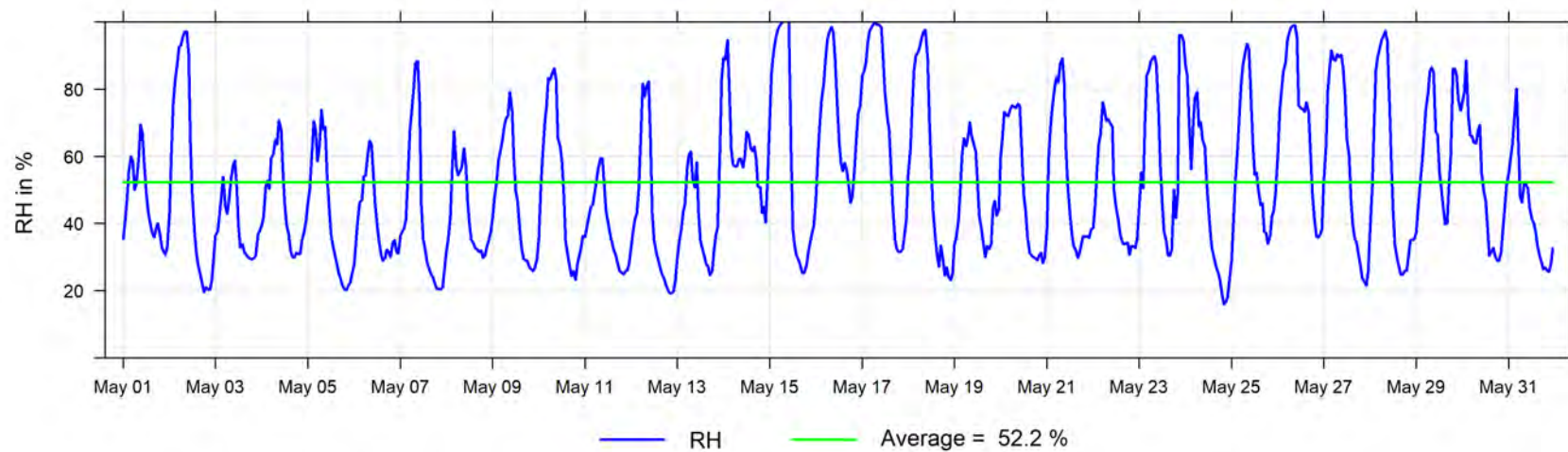
May 2026 Hourly Concentration Readings of H₂S (in ppb) at Valleyview



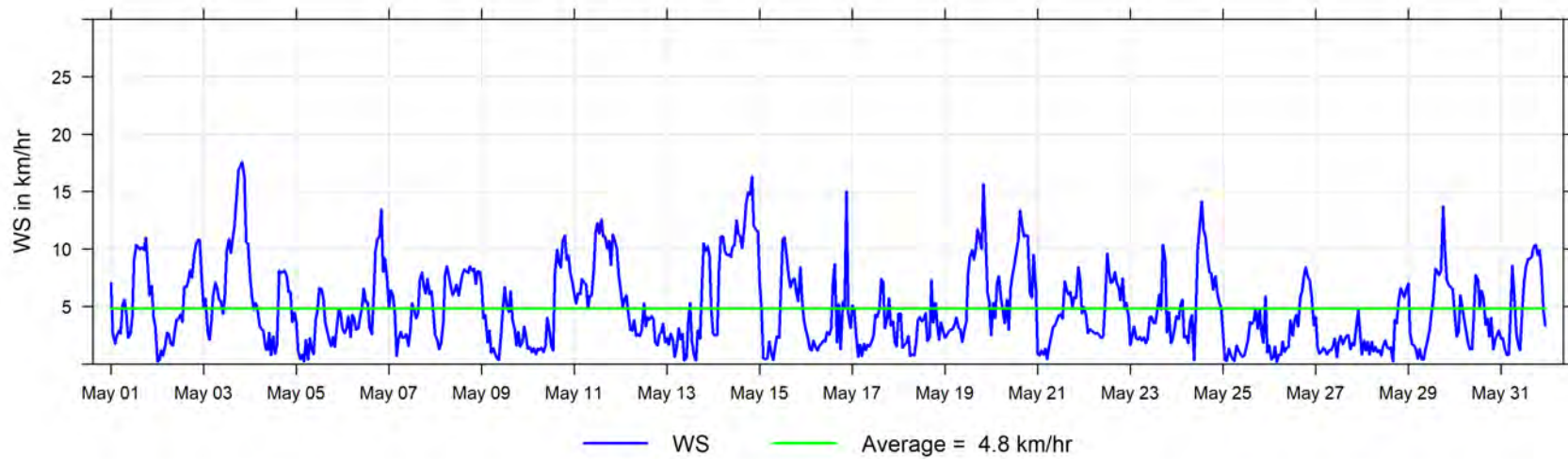
May 2026 Hourly Temperature Readings (in °C) at Valleyview



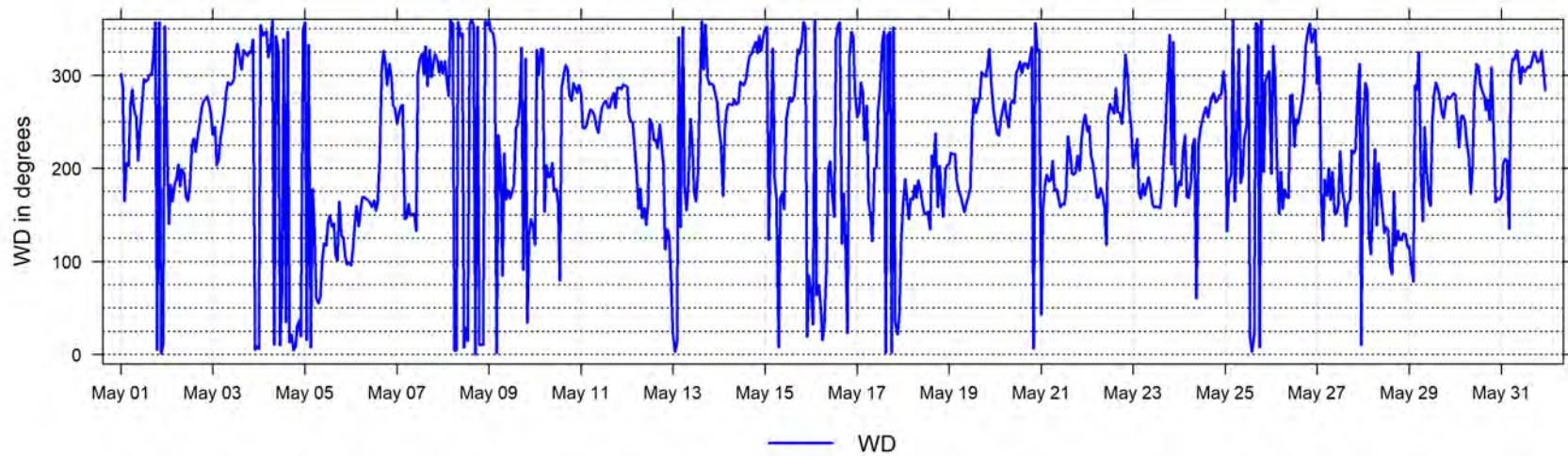
May 2026 Hourly Readings of Relative Humidity (in %) at Valleyview



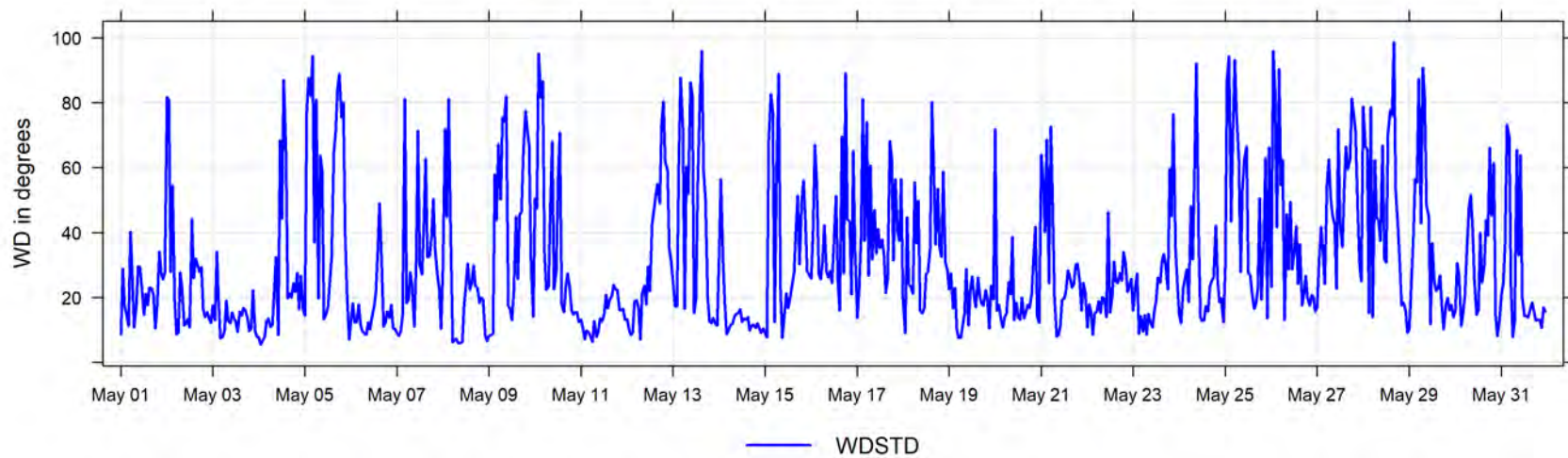
May 2026 Hourly Readings of Wind Speed (in km/hr) at Valleyview

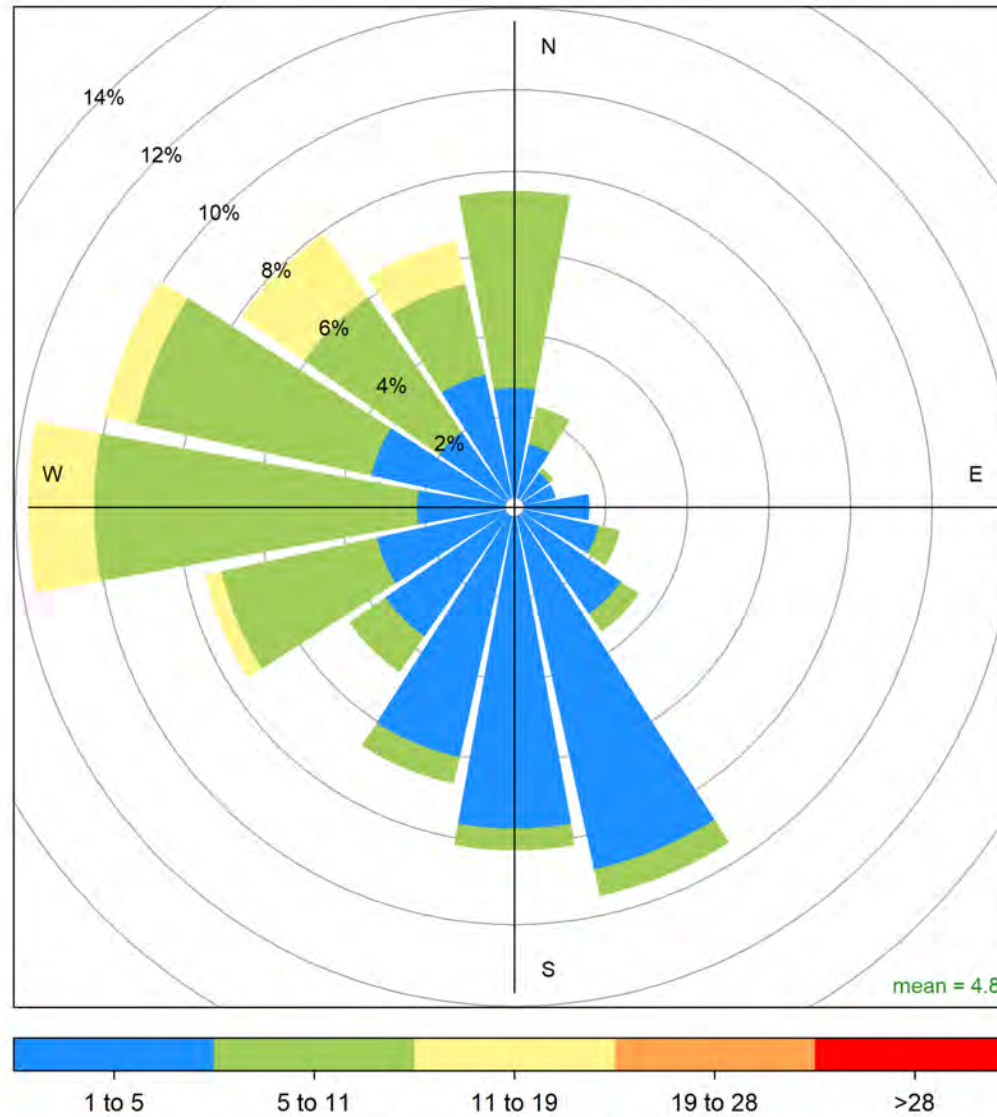


May 2026 Hourly Readings of Wind Direction (in degrees) at Valleyview



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Valleyview



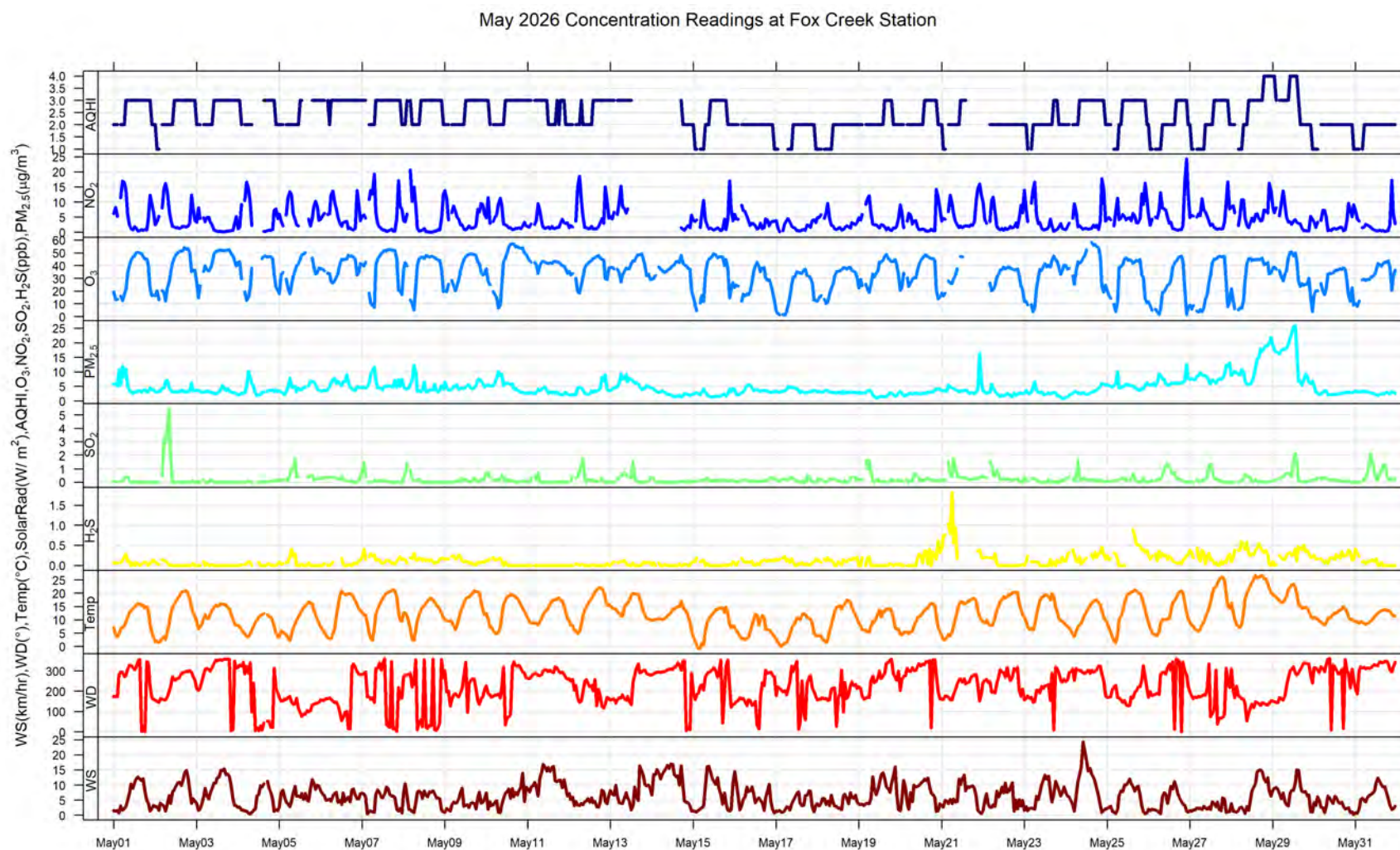


Valleyview May 2026 Wind Rose, wind speed in km/hr

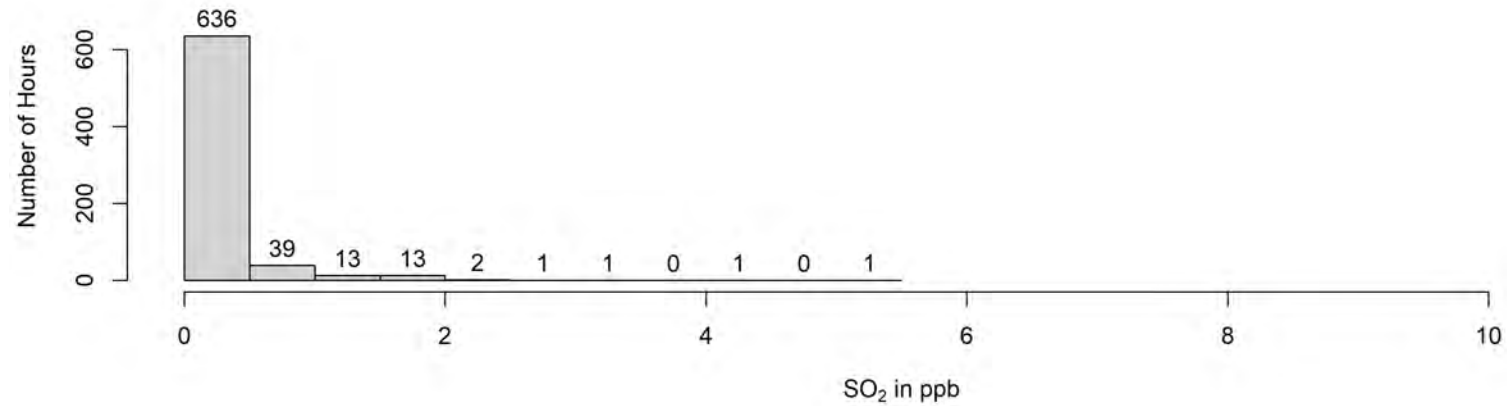
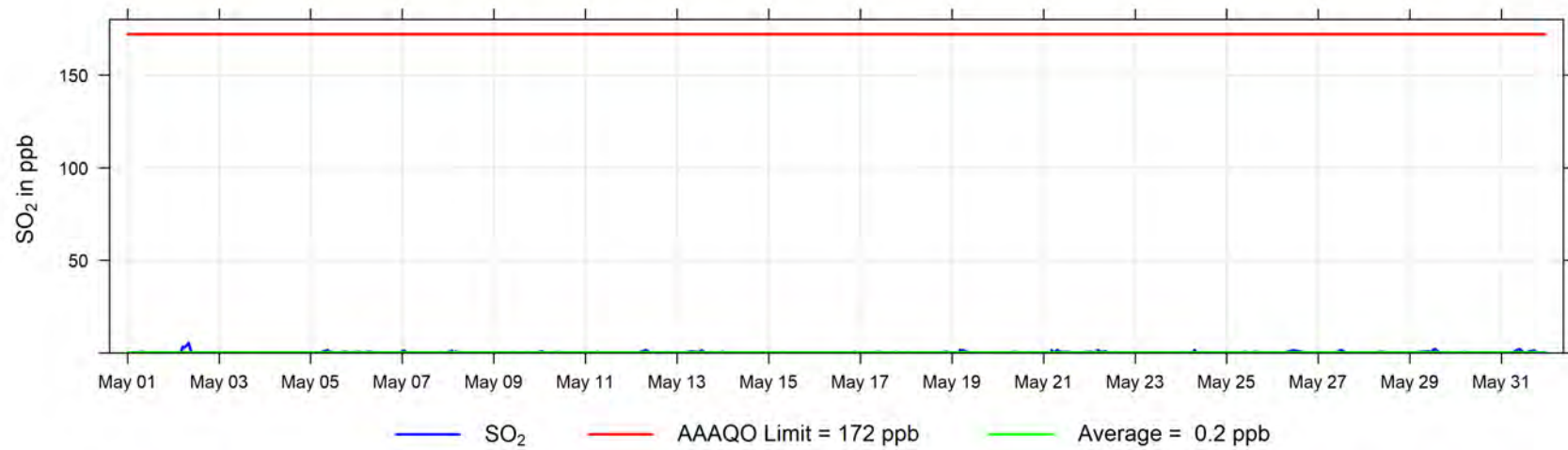
Calms (<1km/hr) = 8.2 %

7 Fox Creek Charts

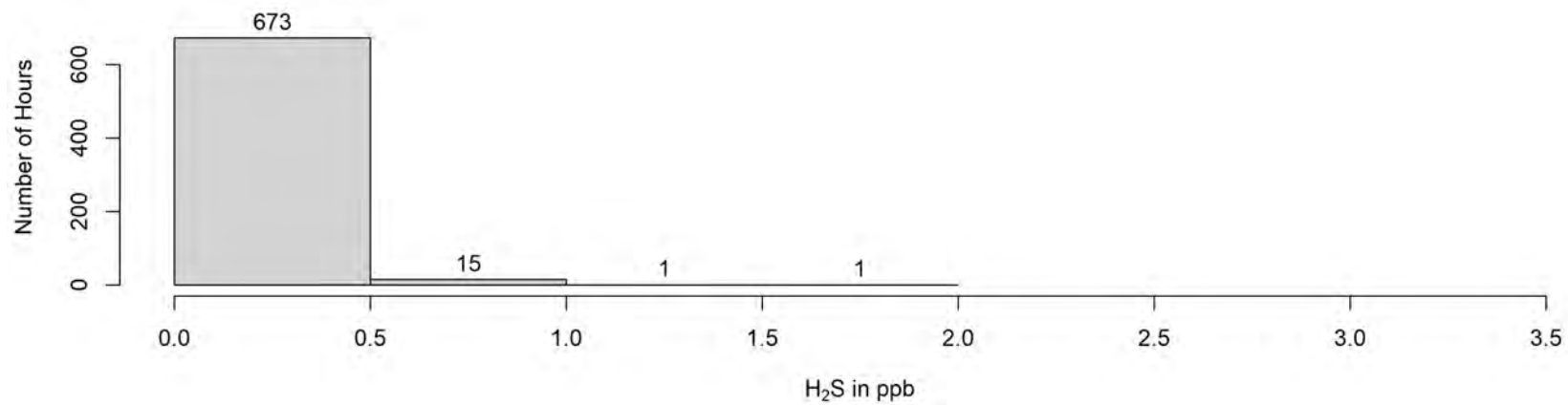
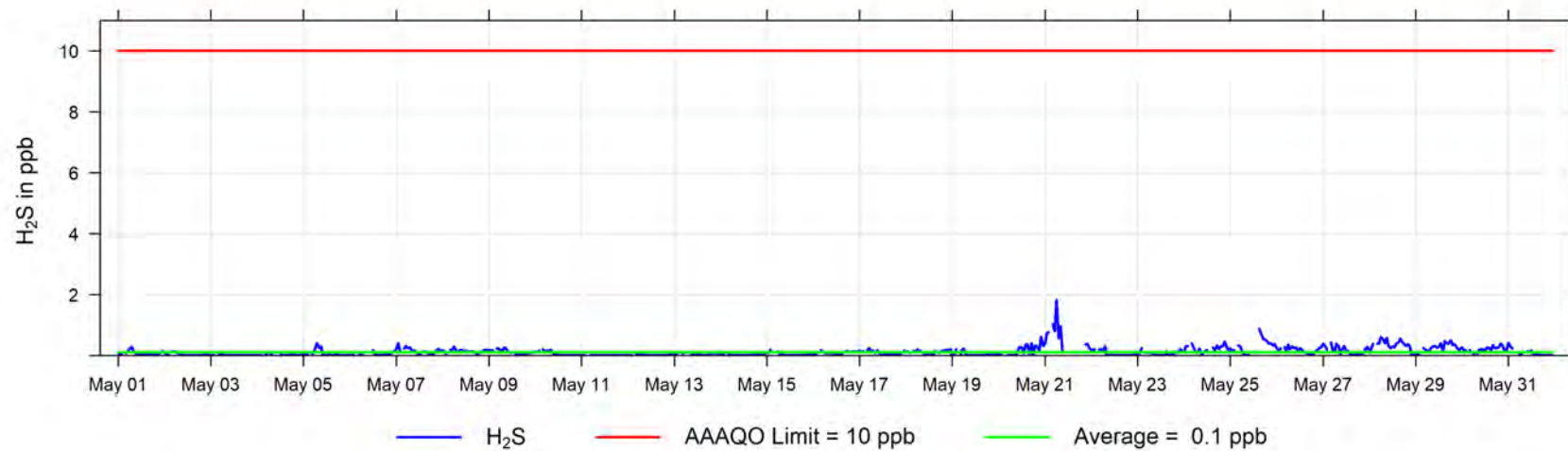
The following pages include the charts and histograms for Fox Creek Station



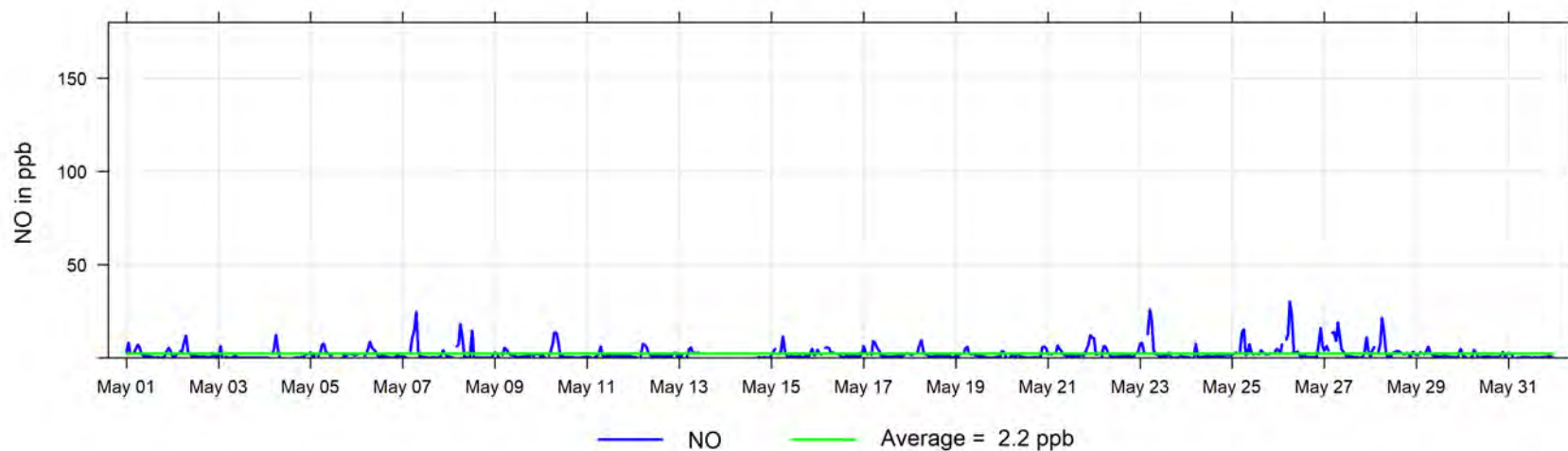
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Fox Creek



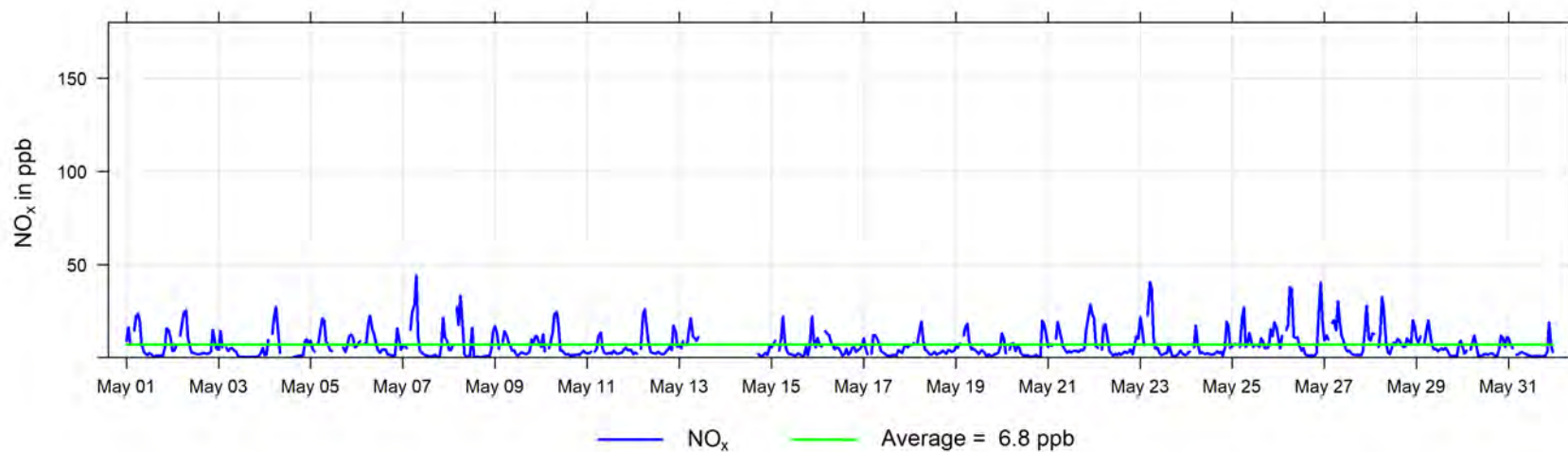
May 2026 Hourly Concentration Readings of H₂S (in ppb) at Fox Creek



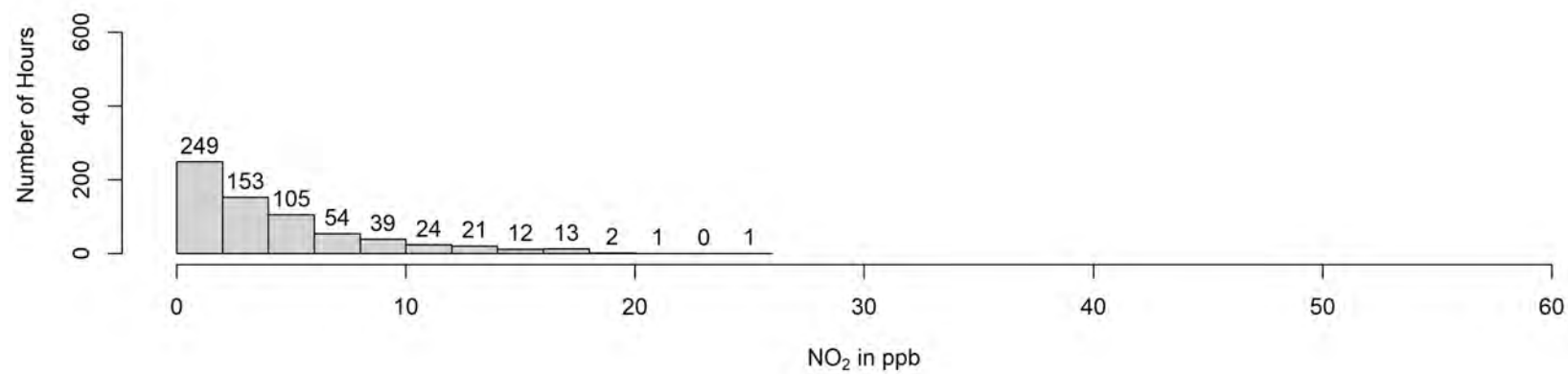
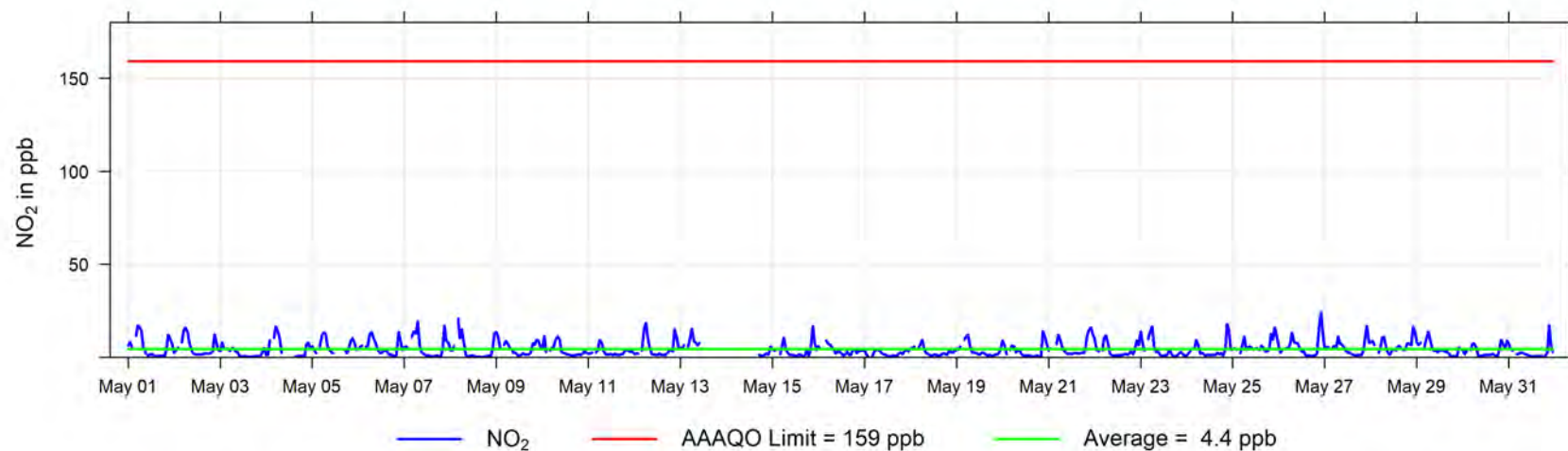
May 2026 Hourly Concentration Readings of NO (in ppb) at Fox Creek



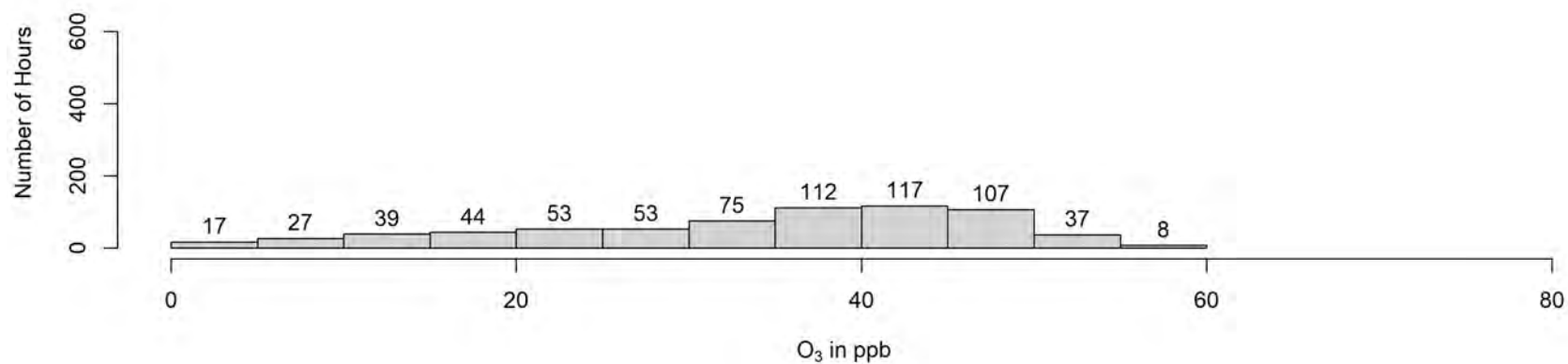
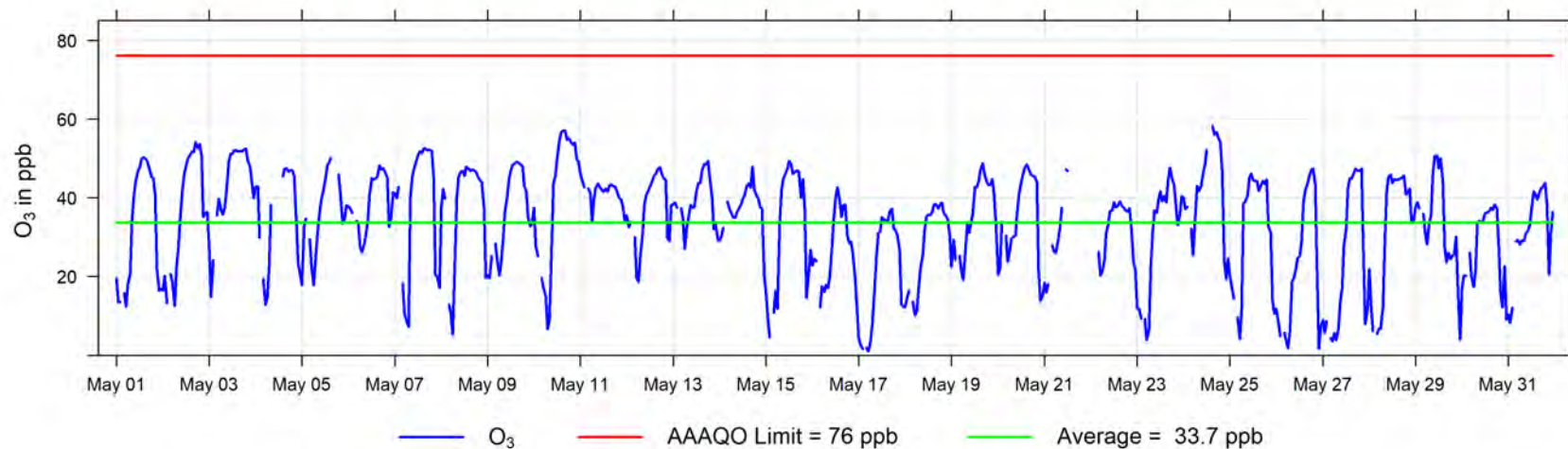
May 2026 Hourly Concentration Readings of NO_x (in ppb) at Fox Creek



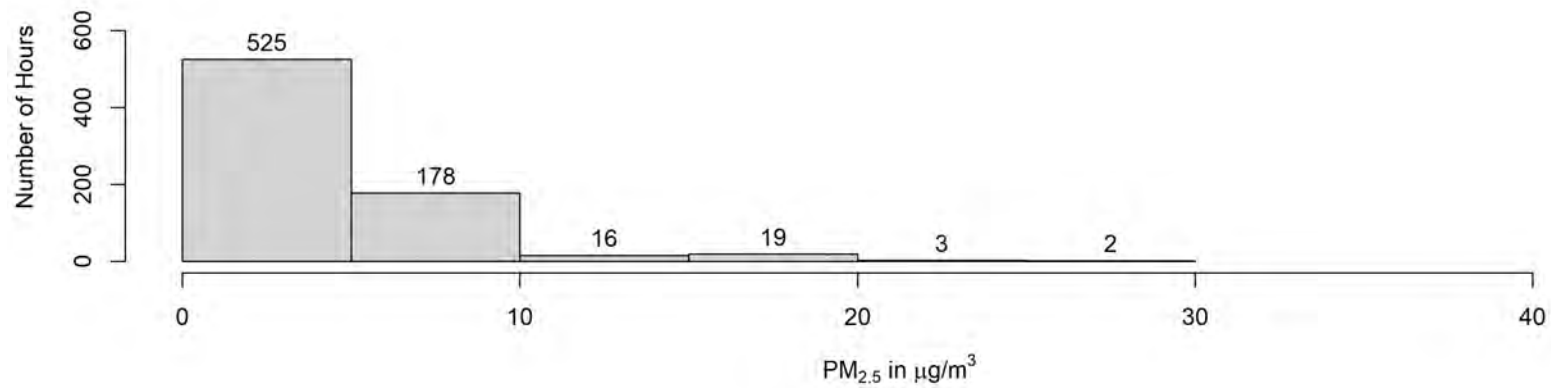
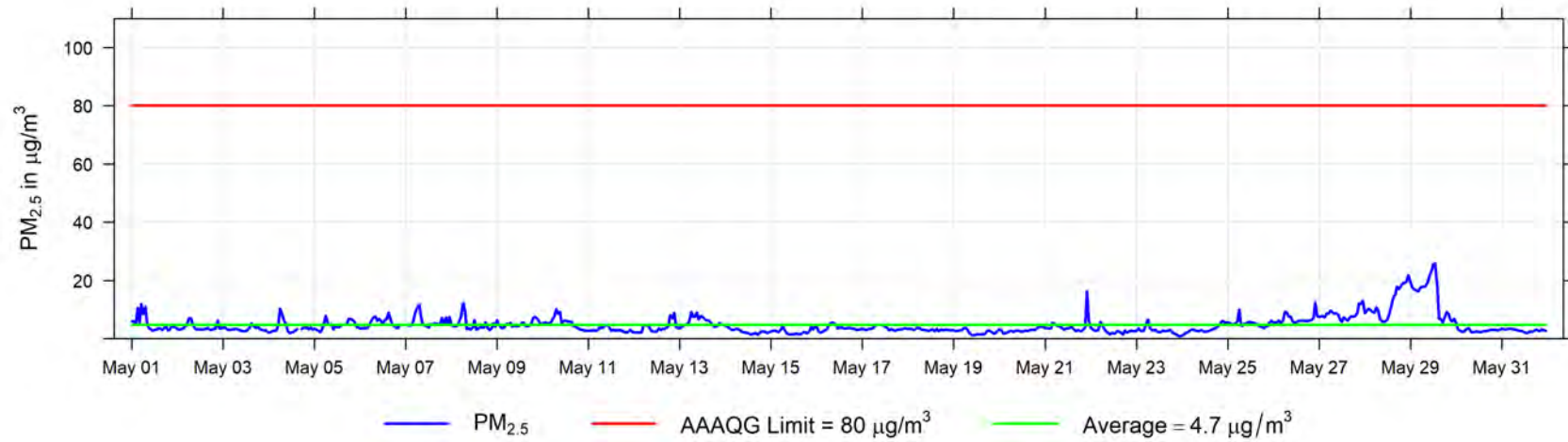
May 2026 Hourly Concentration Readings of NO₂ (in ppb) at Fox Creek



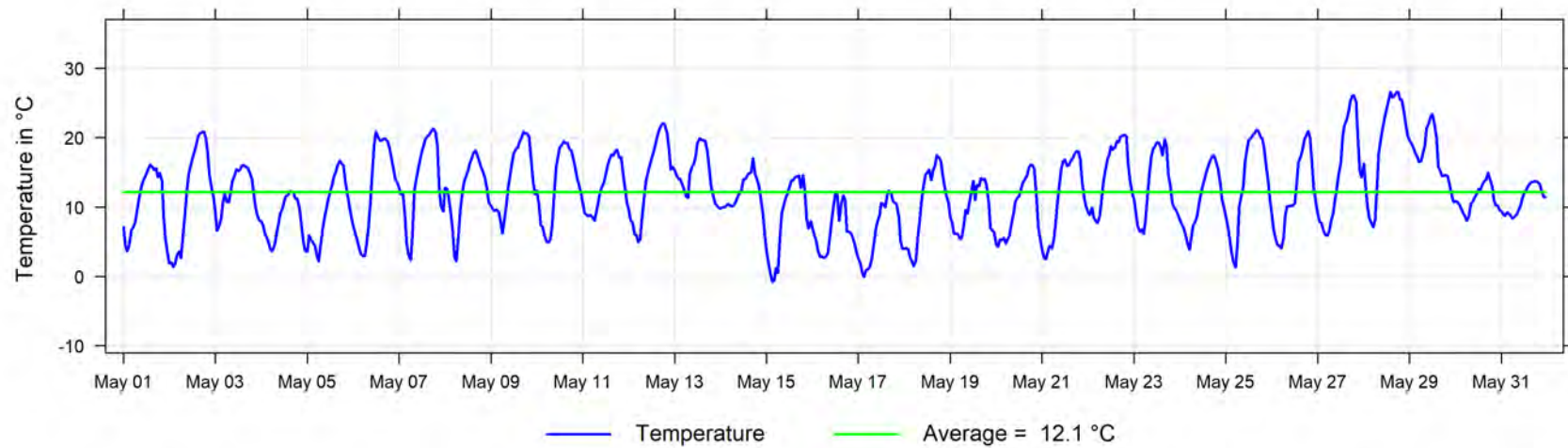
May 2026 Hourly Concentration Readings of O₃ (in ppb) at Fox Creek



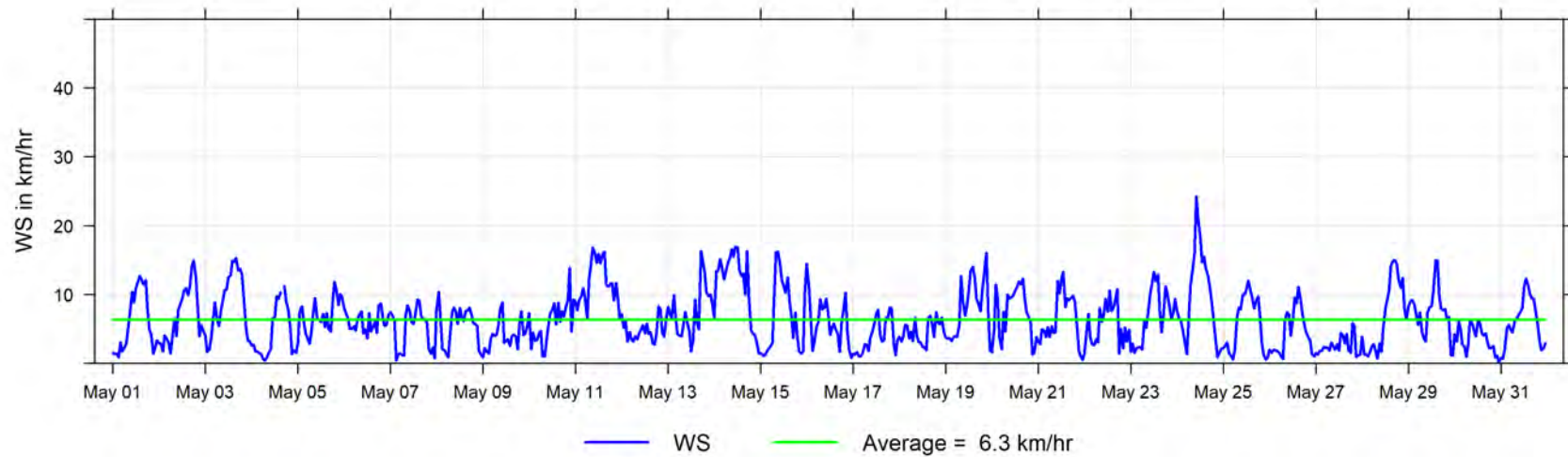
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Fox Creek



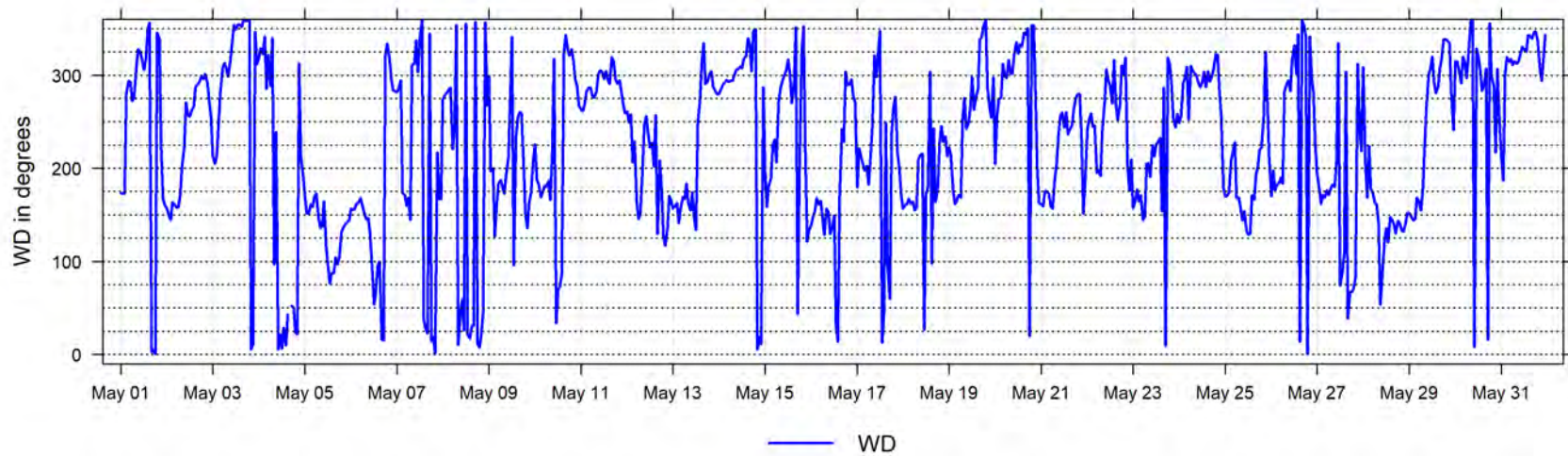
May 2026 Hourly Temperature Readings (in °C) at Fox Creek



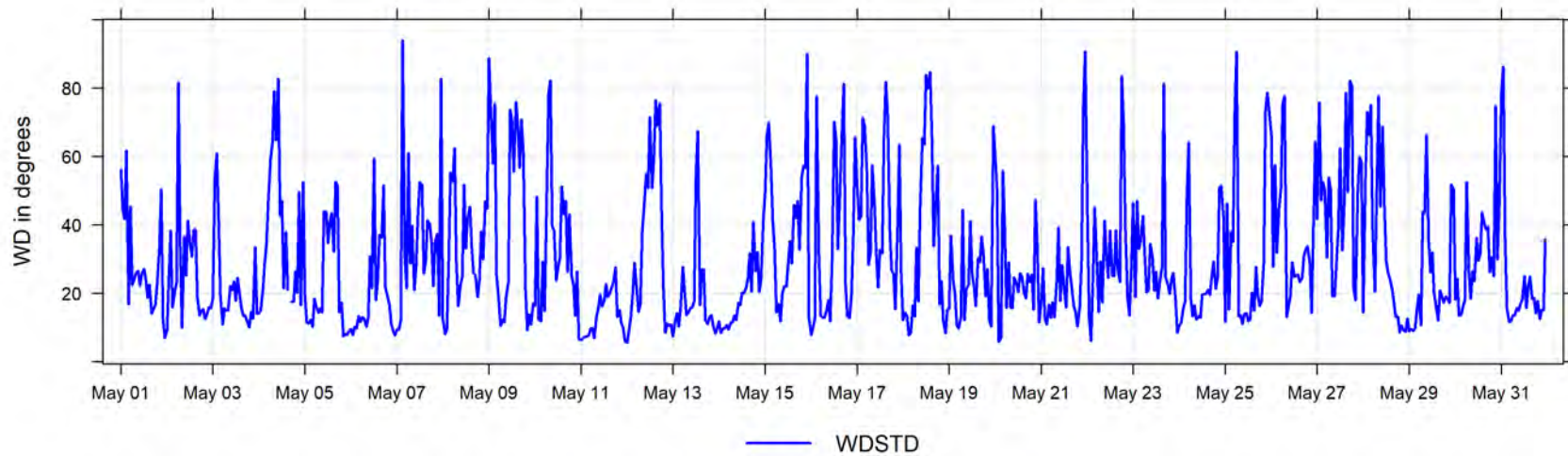
May 2026 Hourly Readings of Wind Speed (in km/hr) at Fox Creek

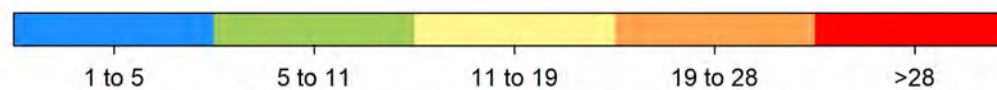
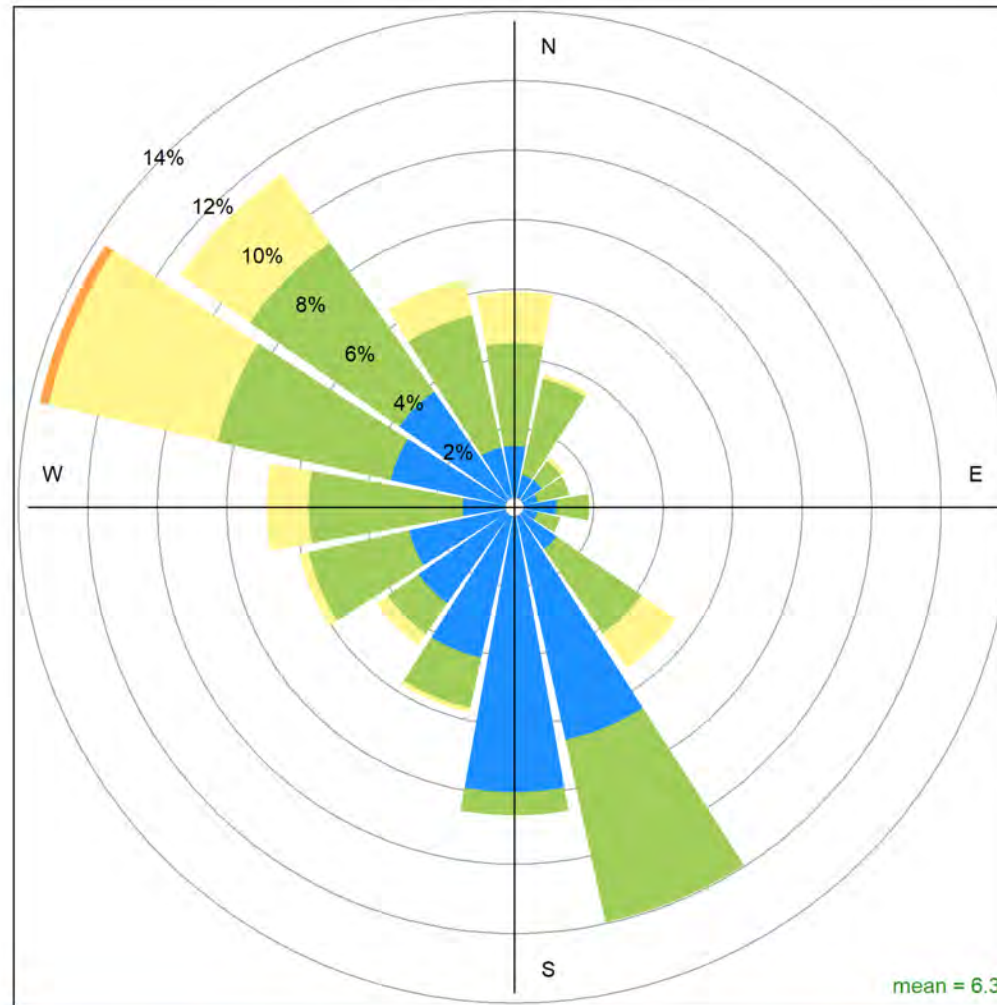


May 2026 Hourly Readings of Wind Direction (in degrees) at Fox Creek



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Fox Creek



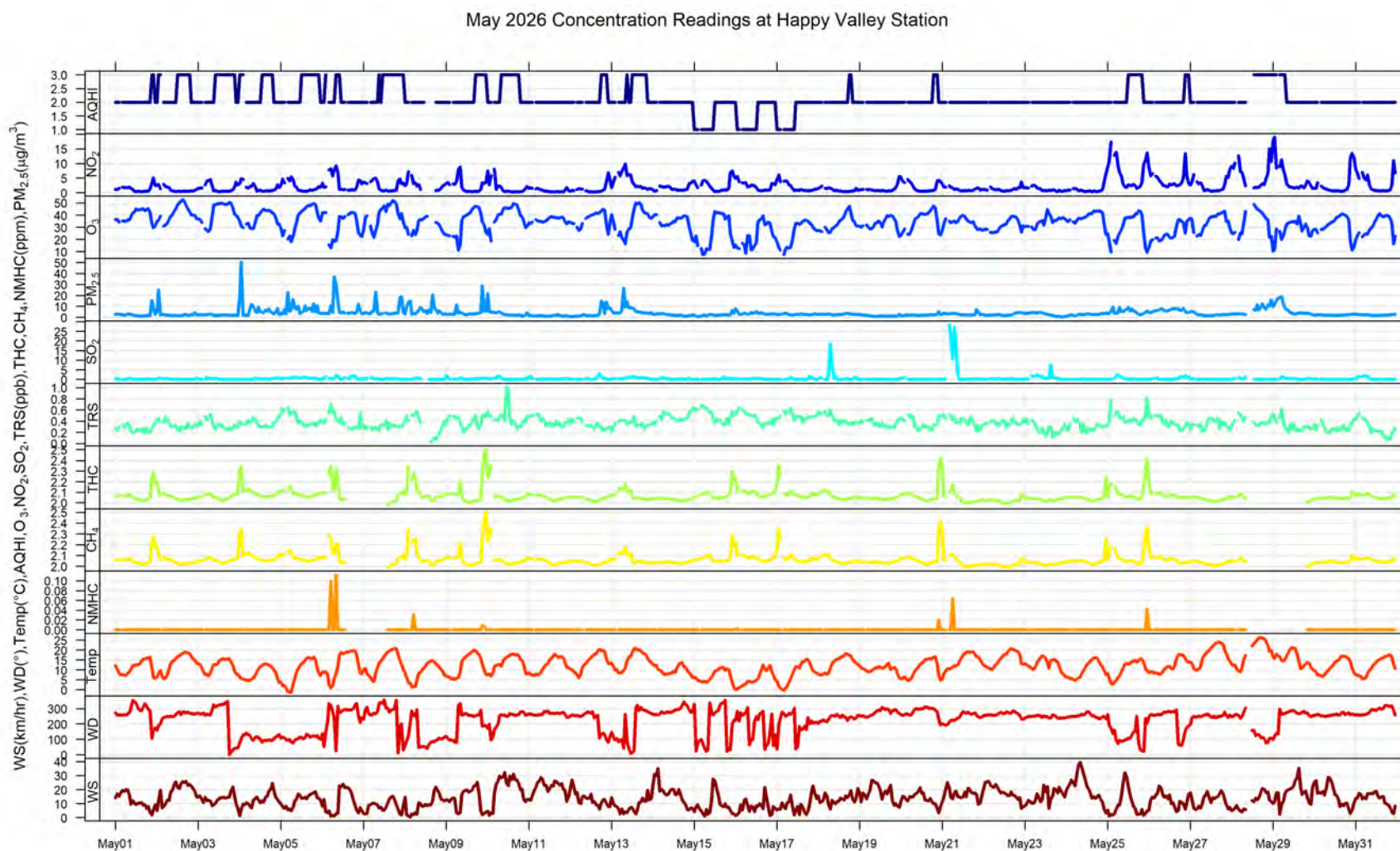


Fox Creek May 2026 Wind Rose, wind speed in km/hr

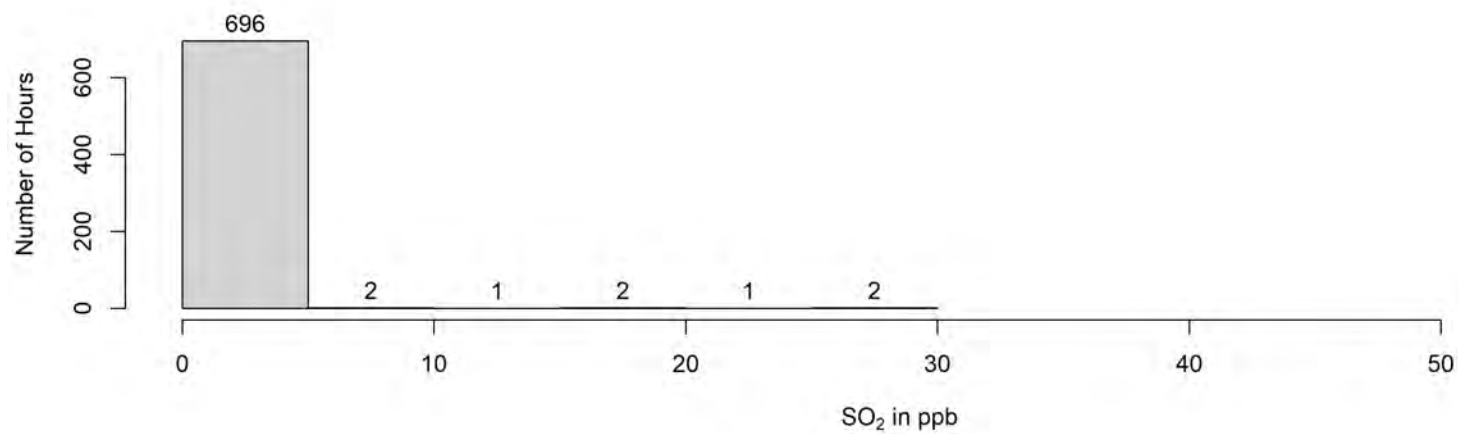
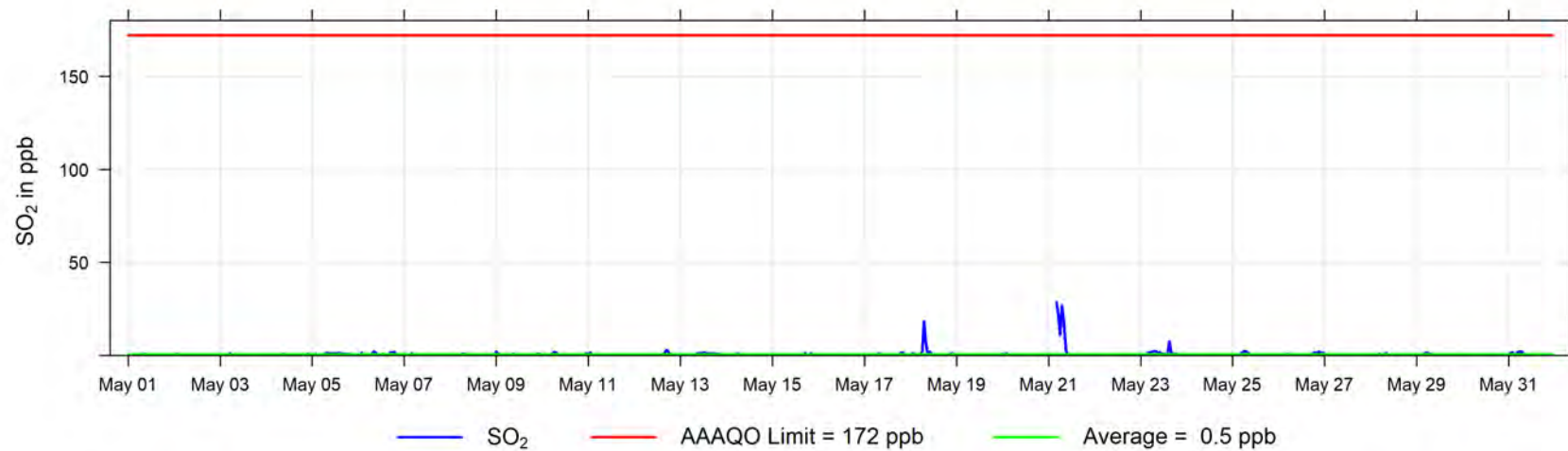
Calms (<1km/hr) = 3.9 %

8 Happy Valley (Portable) Charts

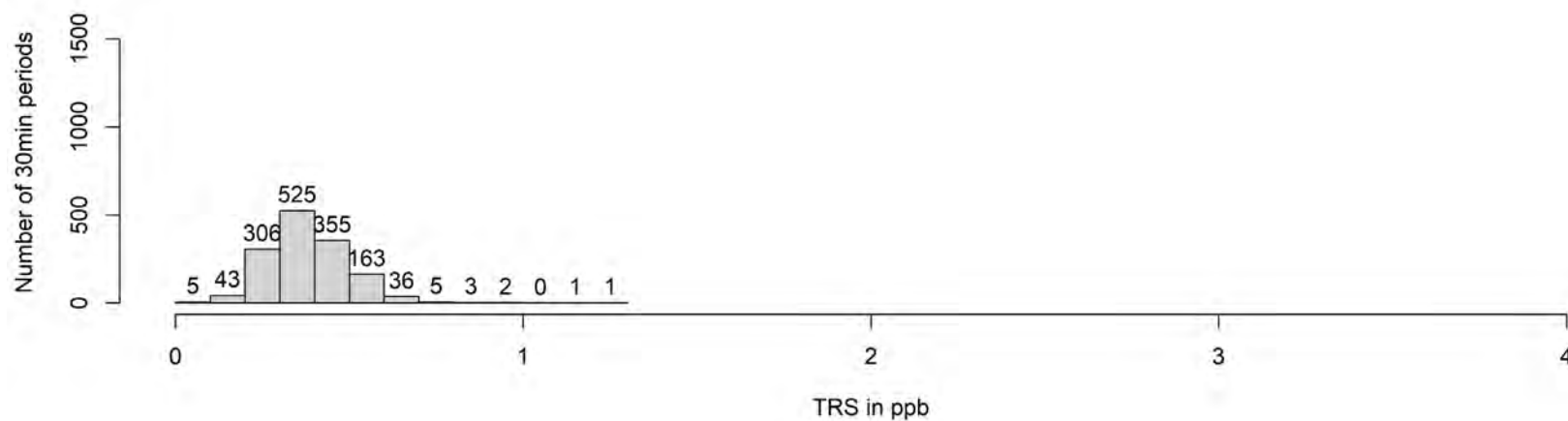
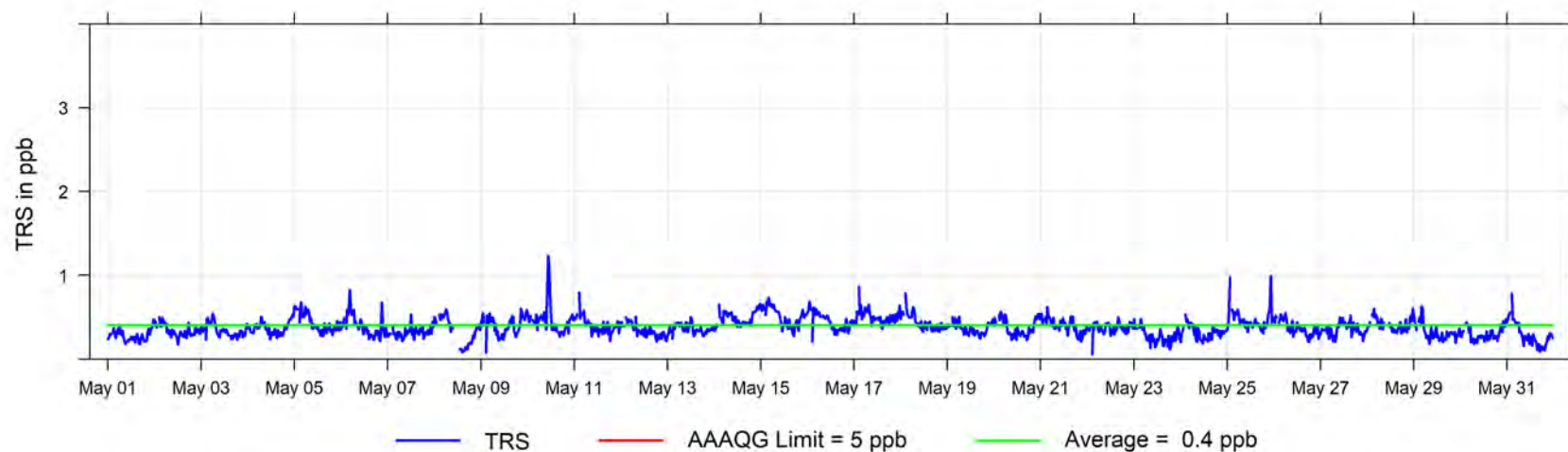
The following pages include the charts and histograms for Happy Valley Portable Station



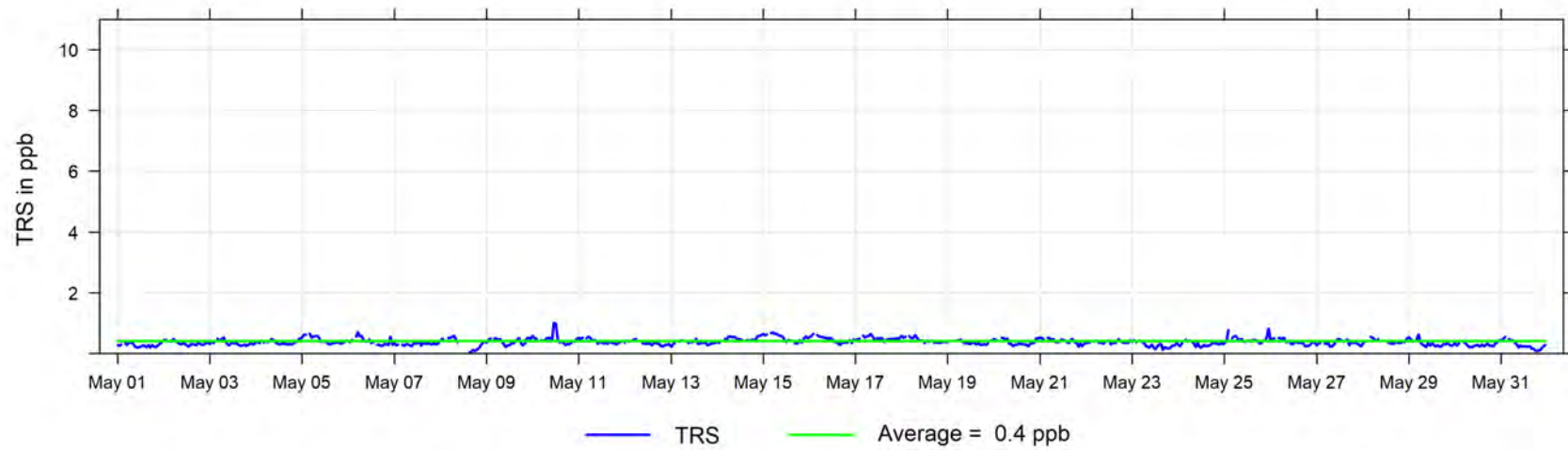
May 2026 Hourly Concentration Readings of SO₂ (in ppb) at Happy Valley



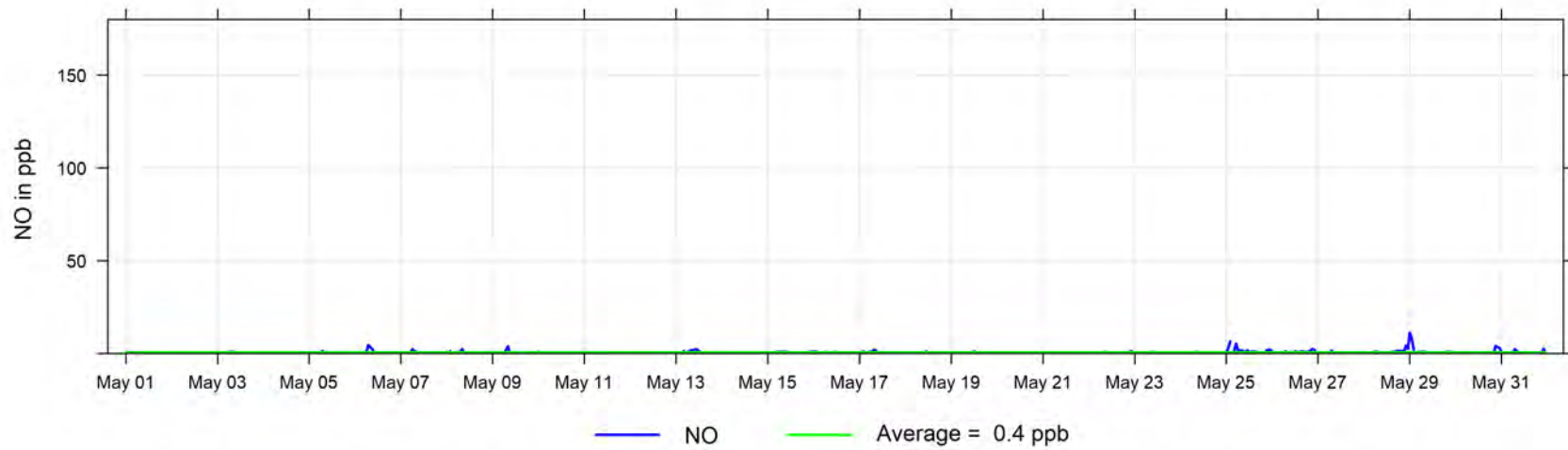
May 2026 30 min Concentration Readings of TRS (in ppb) at Happy Valley



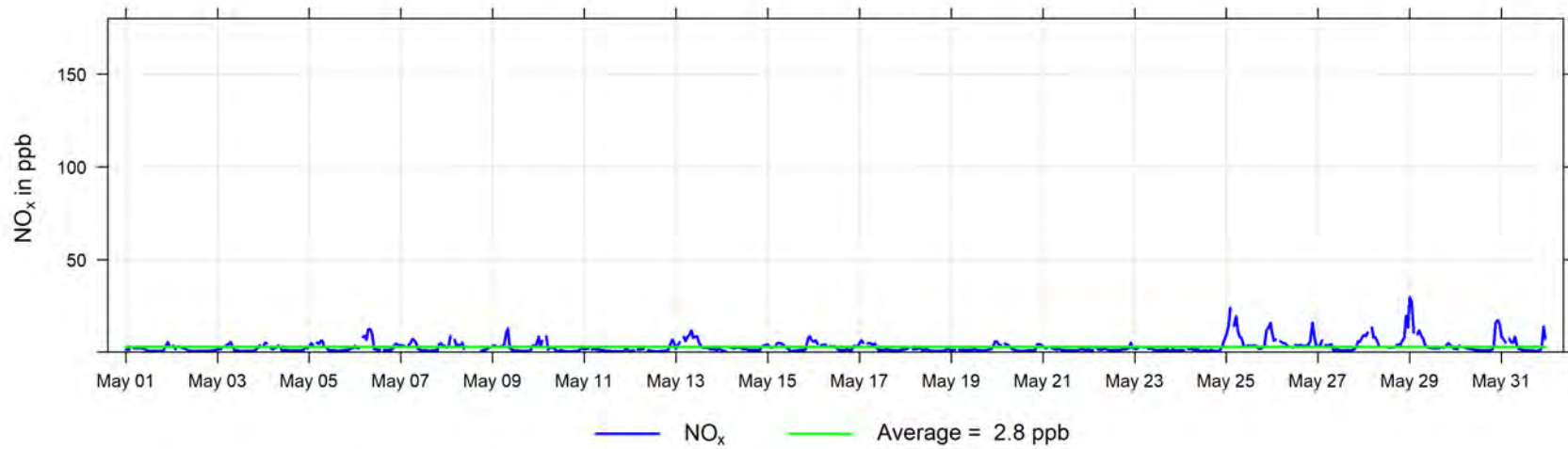
May 2026 Hourly Concentration Readings of TRS (in ppb) at Happy Valley



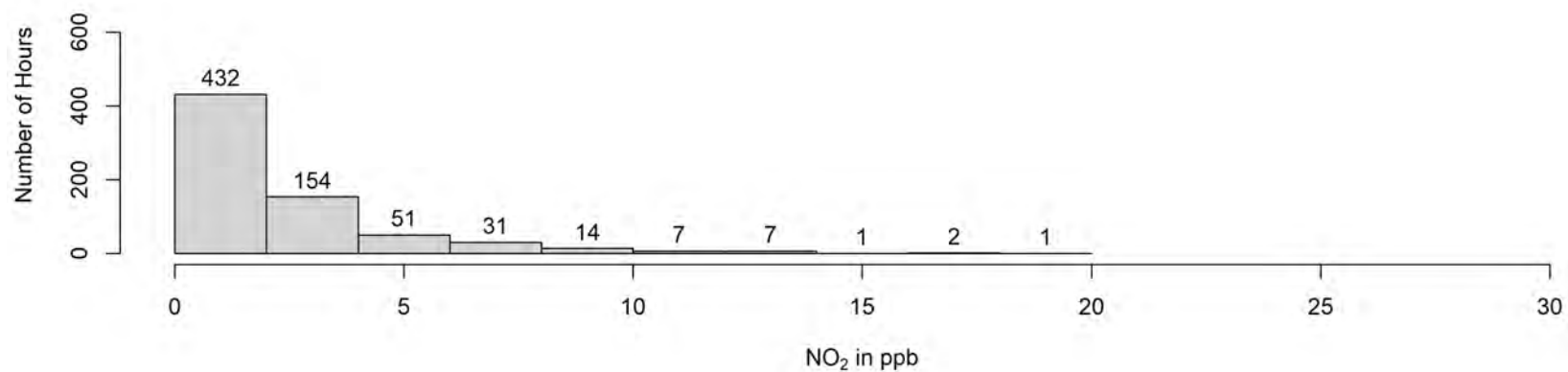
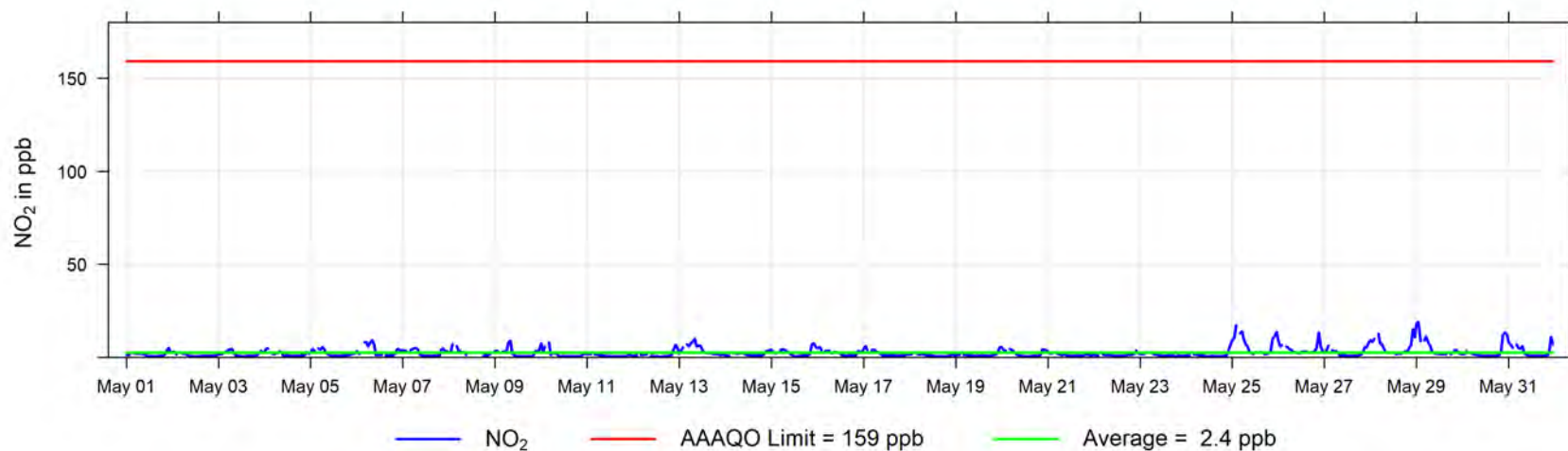
May 2026 Hourly Concentration Readings of NO (in ppb) at Happy Valley



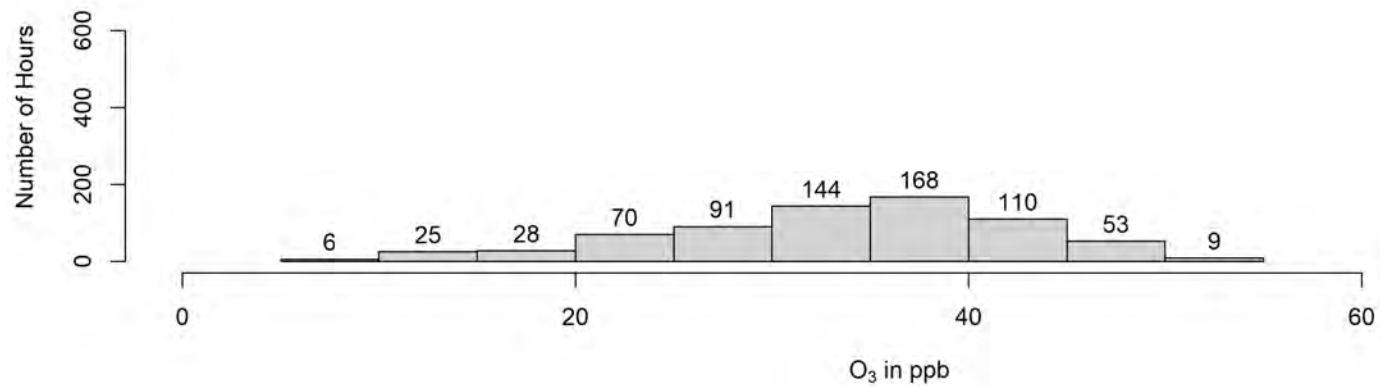
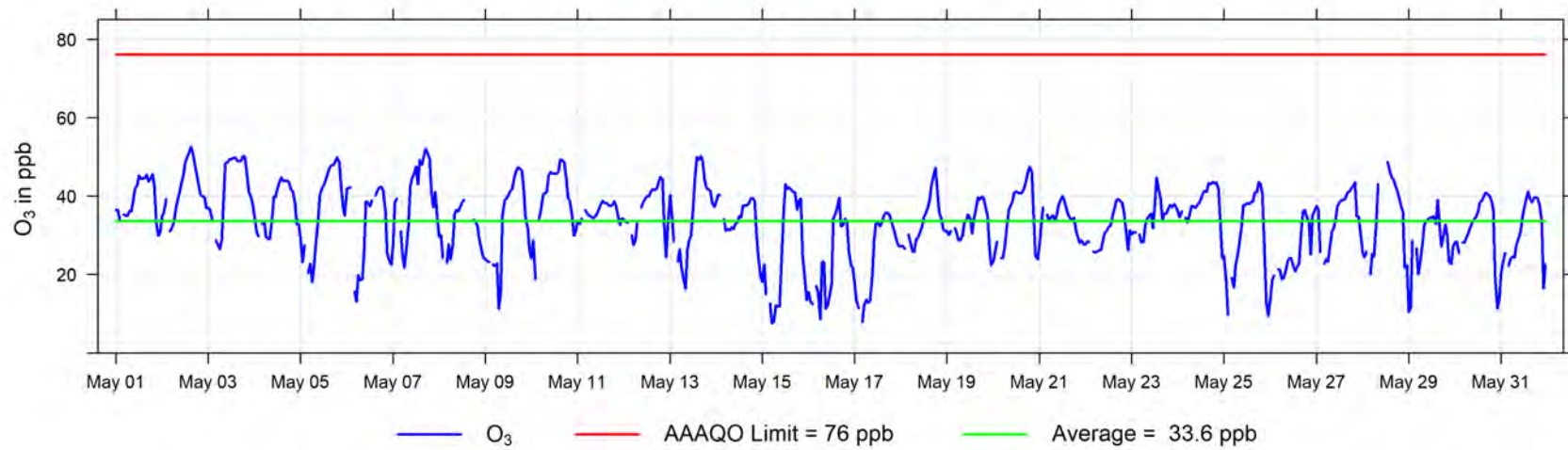
May 2026 Hourly Concentration Readings of NO_x (in ppb) at Happy Valley



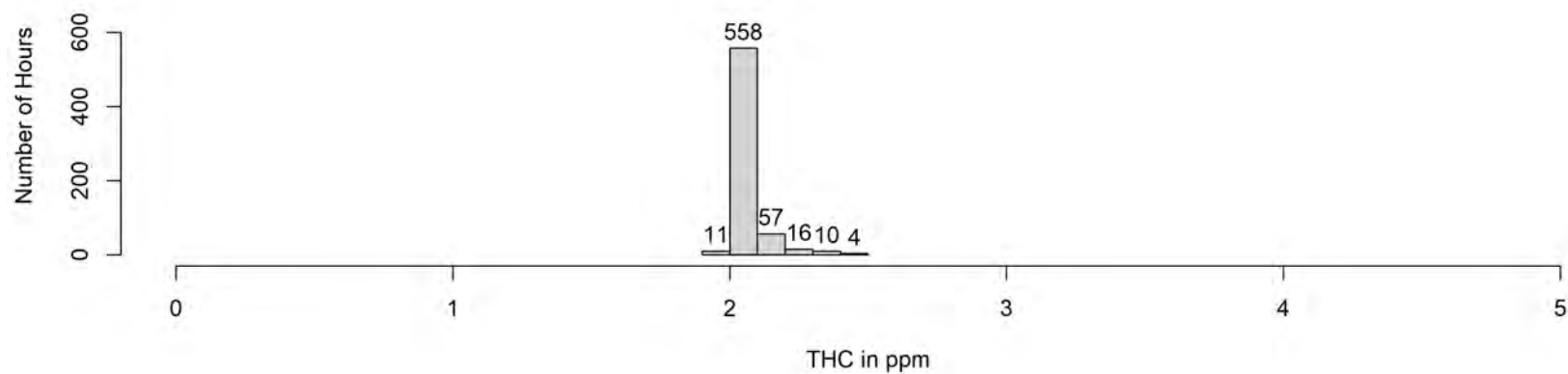
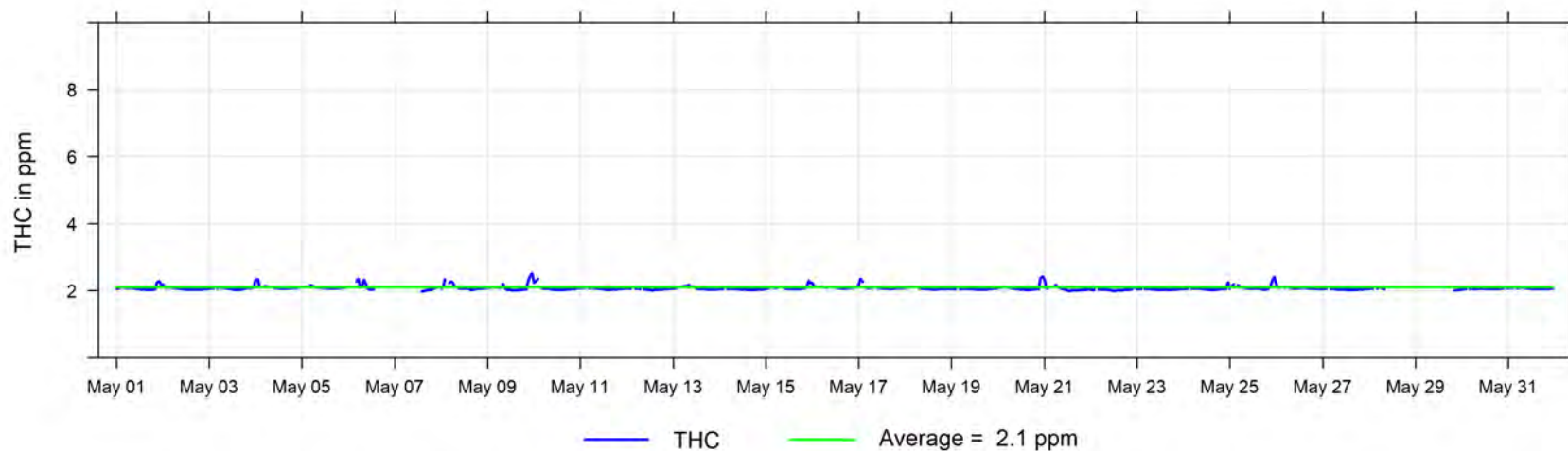
May 2026 Hourly Concentration Readings of NO₂ (in ppb) at Happy Valley



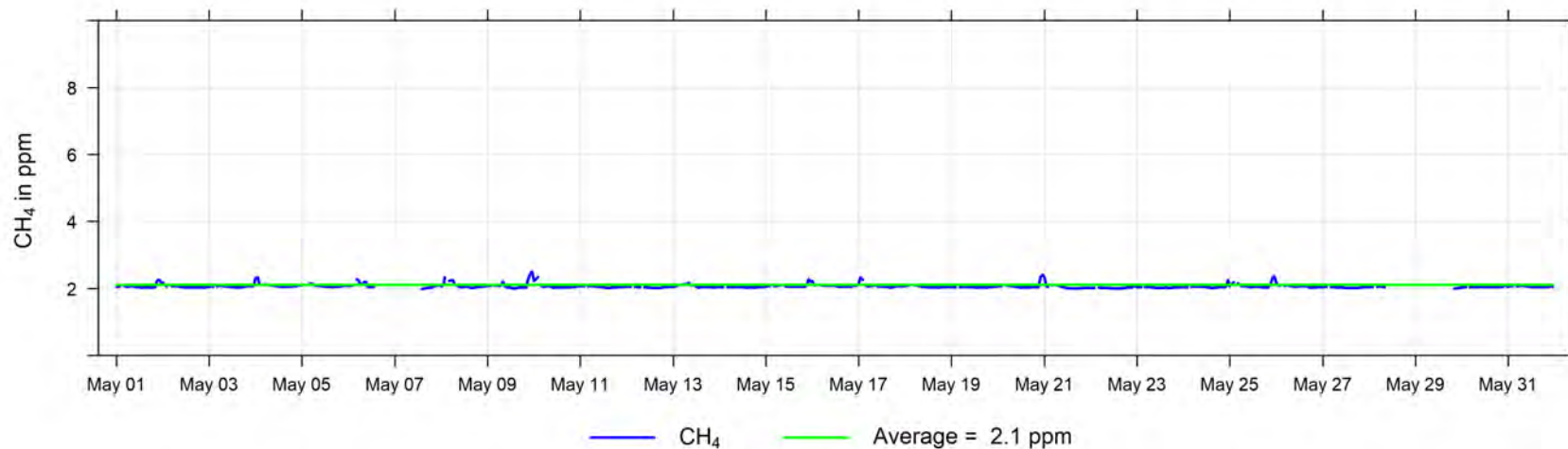
May 2026 Hourly Concentration Readings of O₃ (in ppb) at Happy Valley



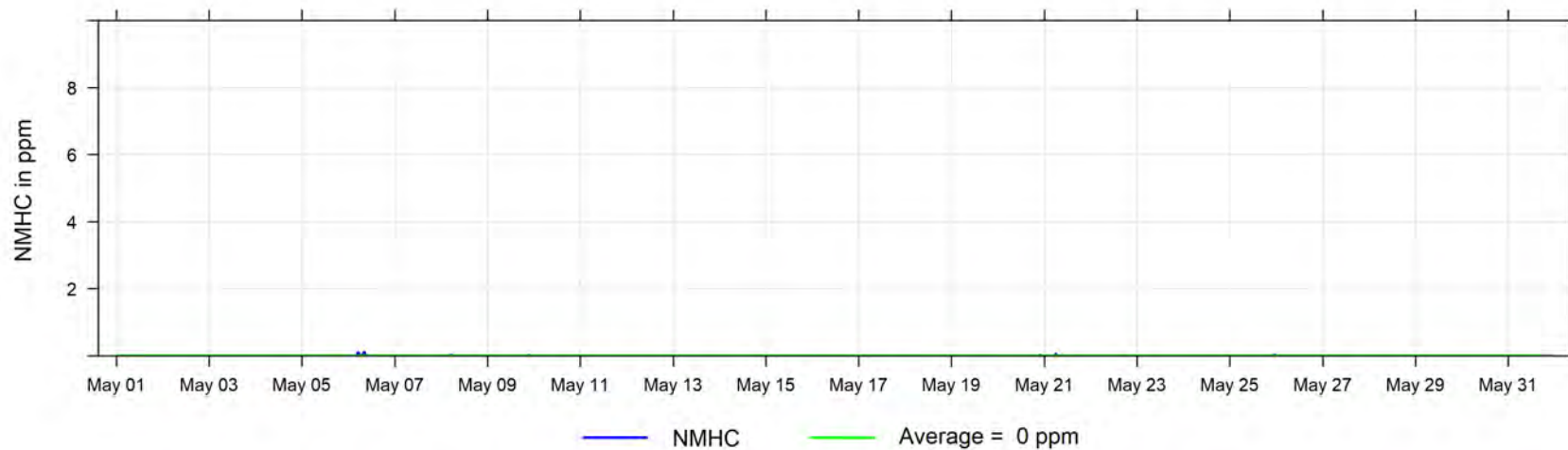
May 2026 Hourly Concentration Readings of THC (in ppm) at Happy Valley



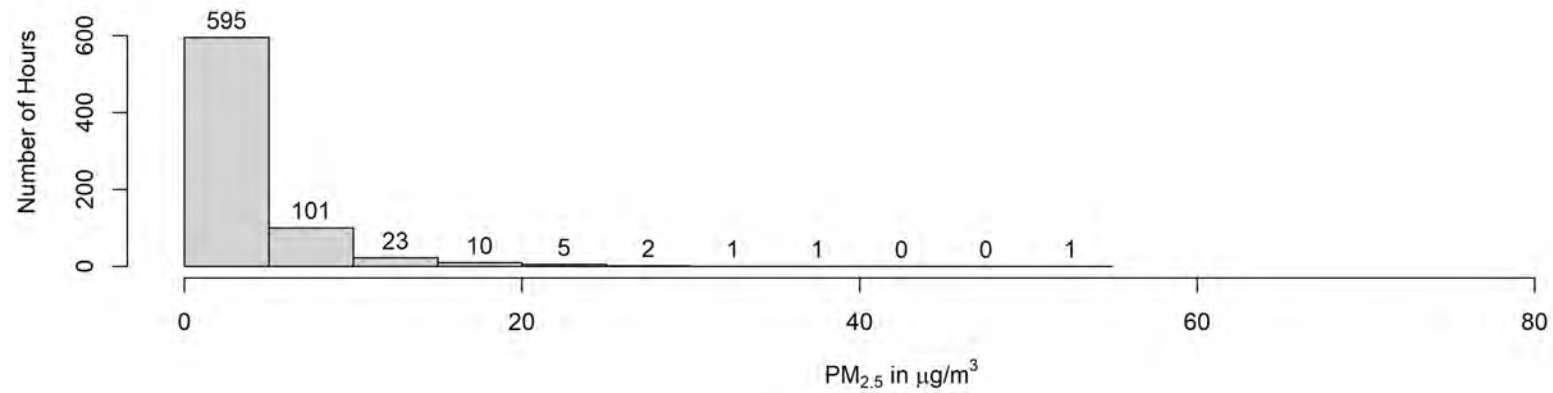
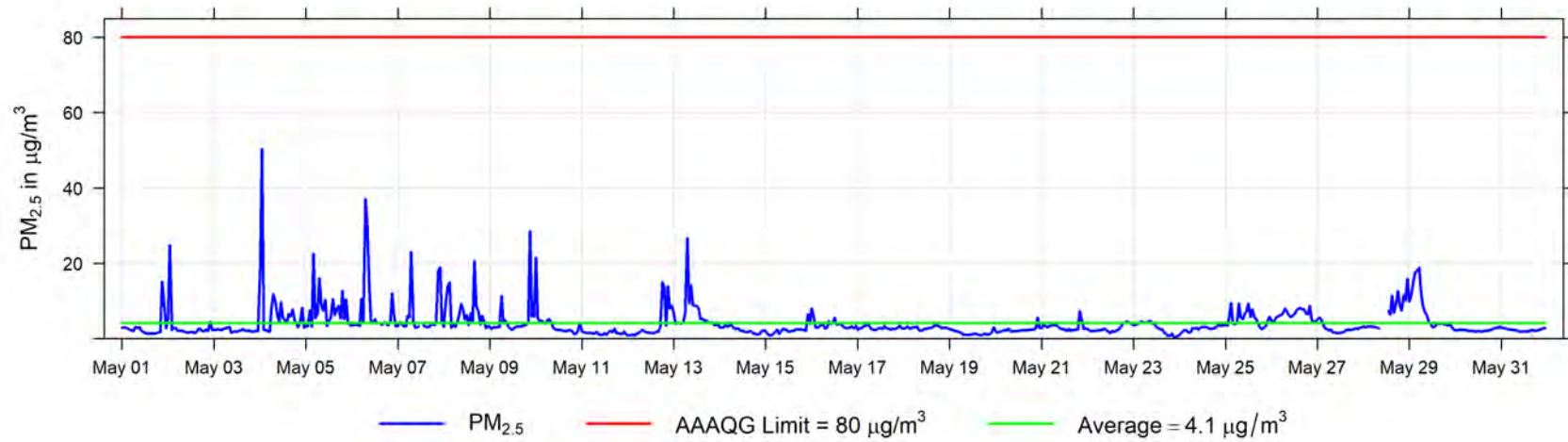
May 2026 Hourly Concentration Readings of CH₄ (in ppm) at Happy Valley



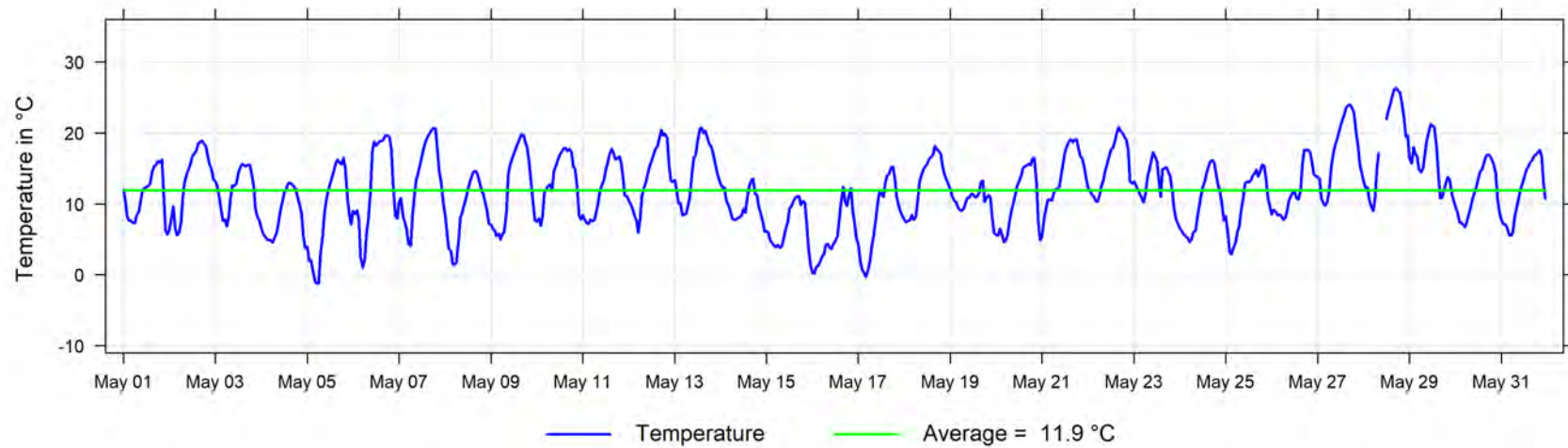
May 2026 Hourly Concentration Readings of NMHC (in ppm) at Happy Valley



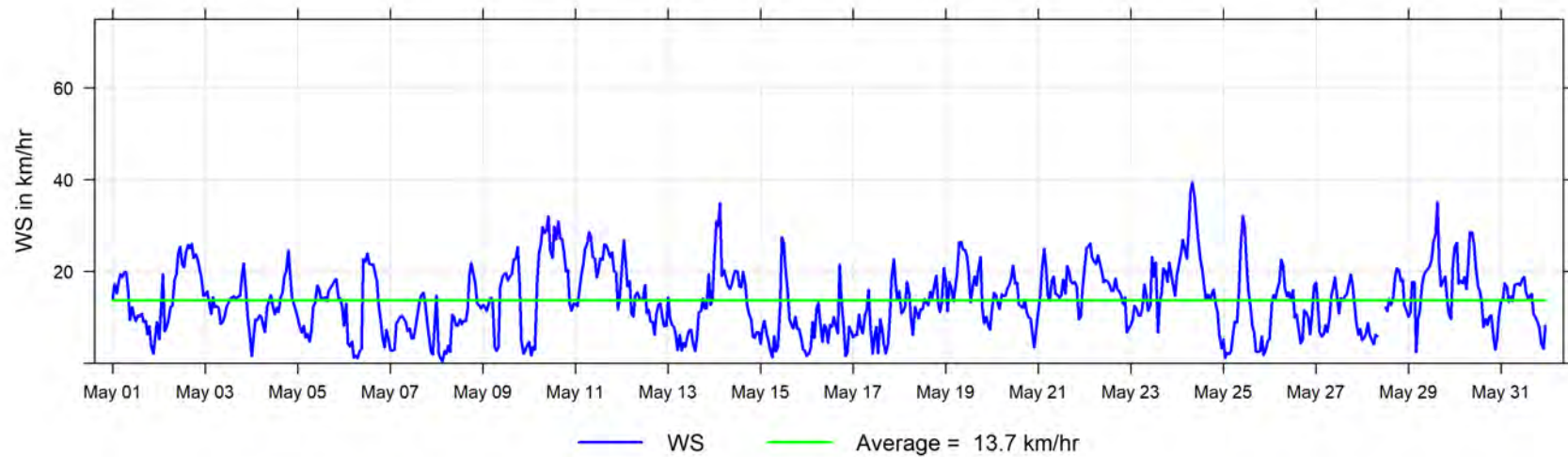
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Happy Valley



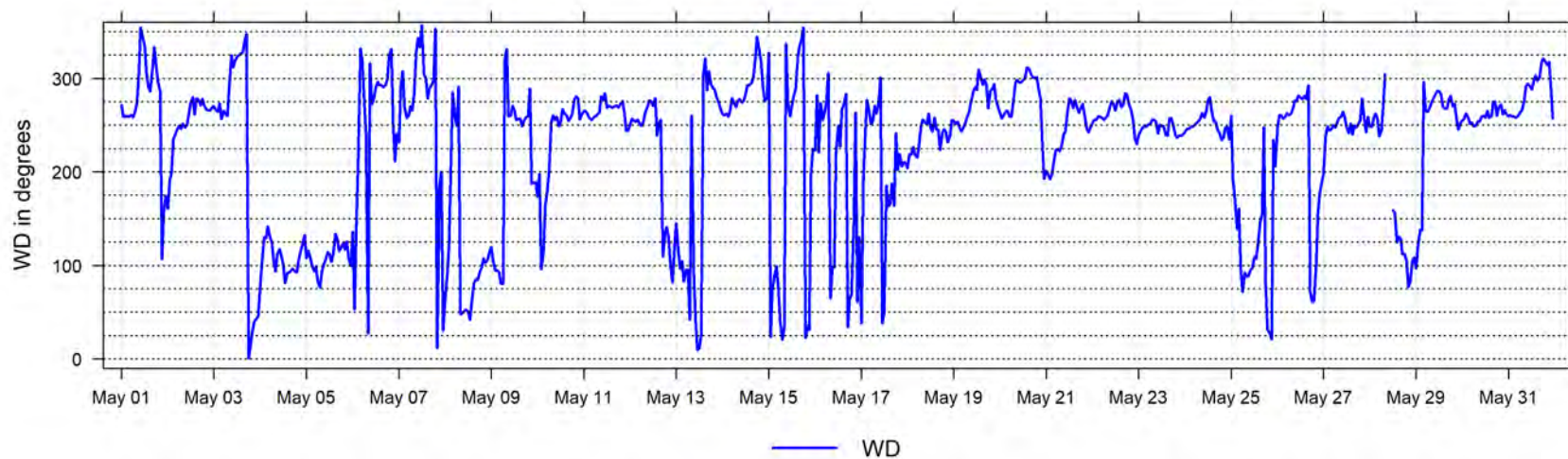
May 2026 Hourly Temperature Readings (in °C) at Happy Valley



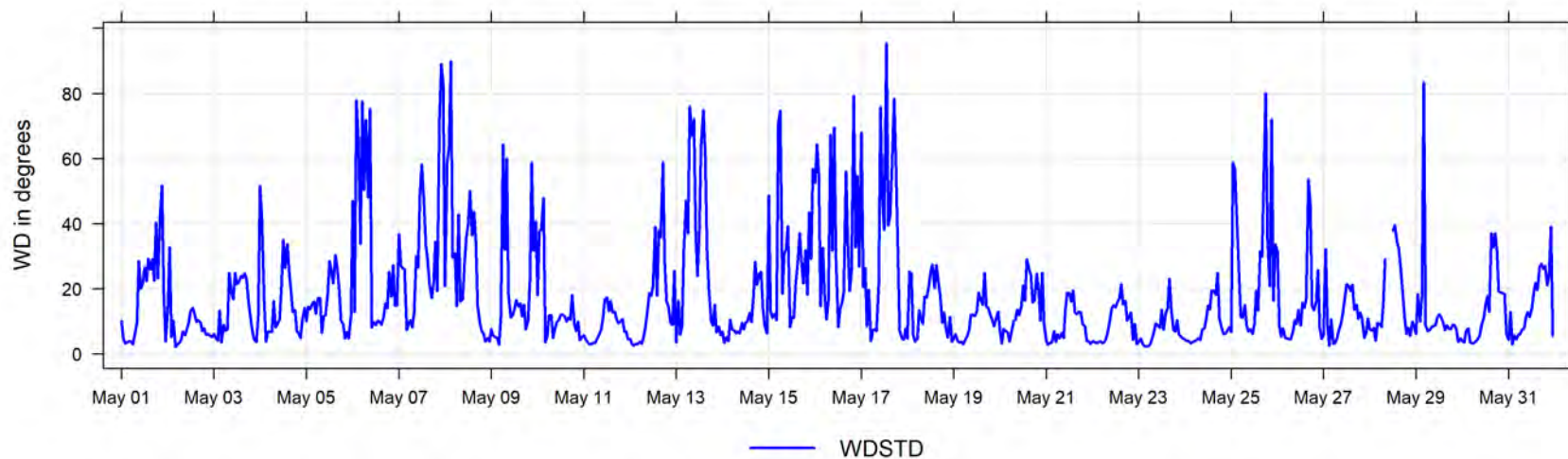
May 2026 Hourly Readings of Wind Speed (in km/hr) at Happy Valley

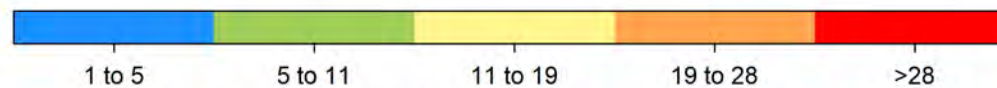
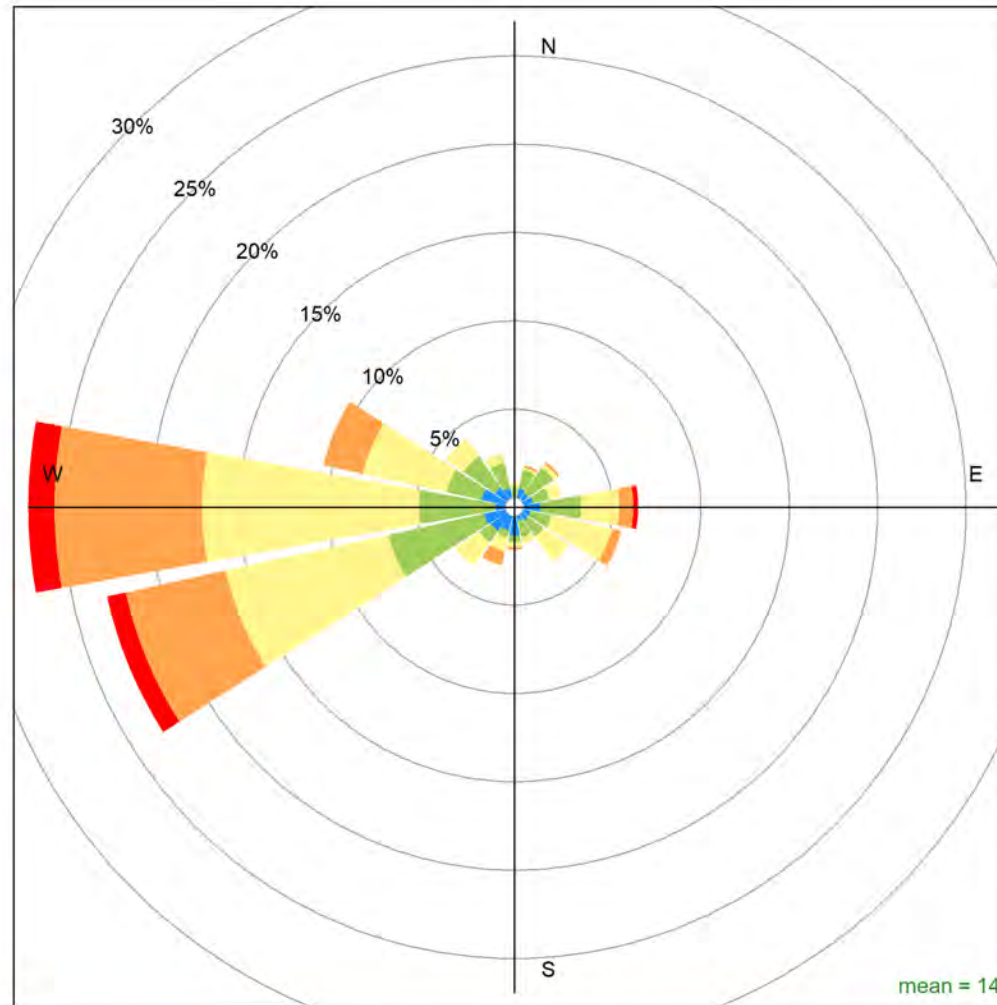


May 2026 Hourly Readings of Wind Direction (in degrees) at Happy Valley



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Happy Valley

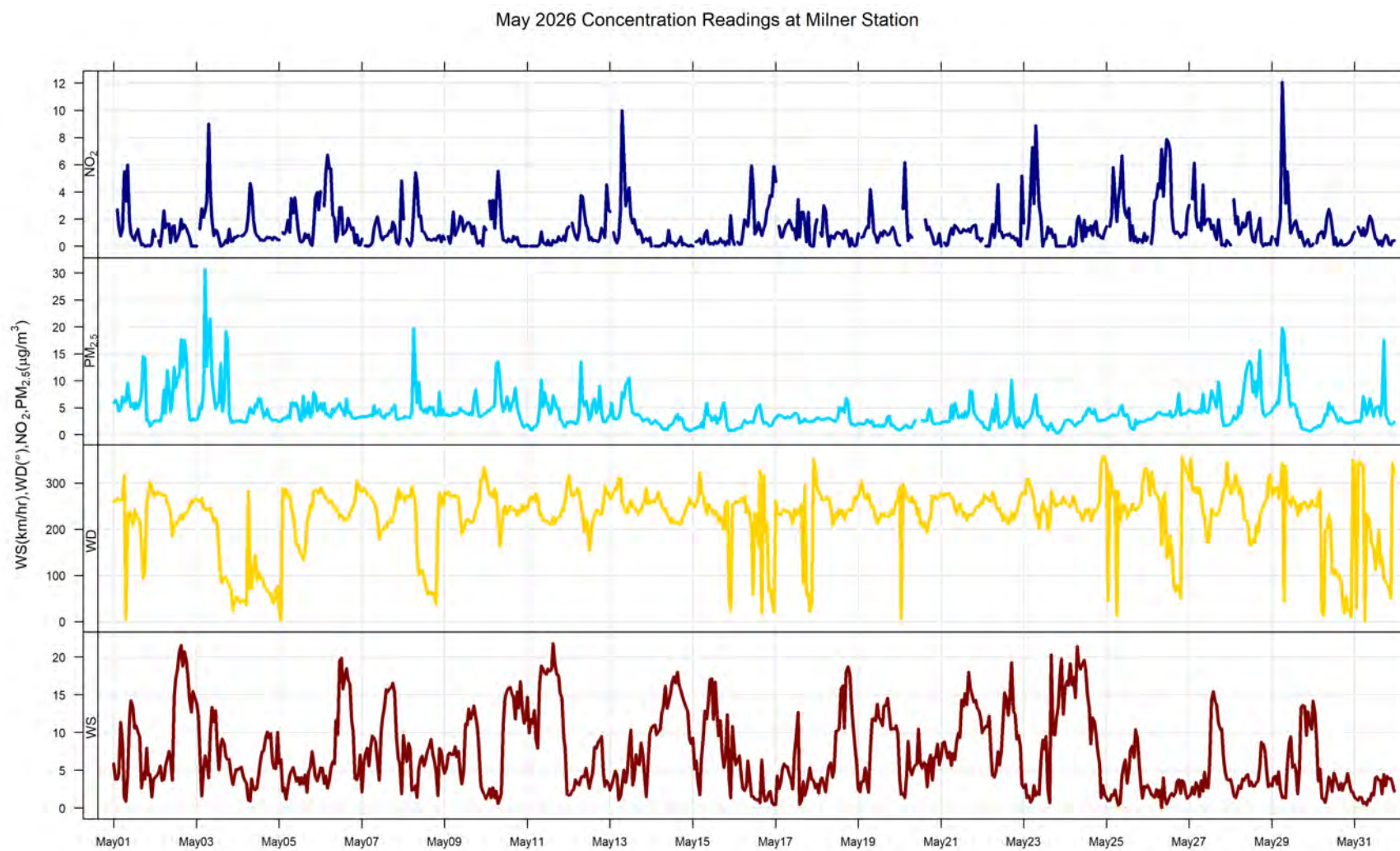




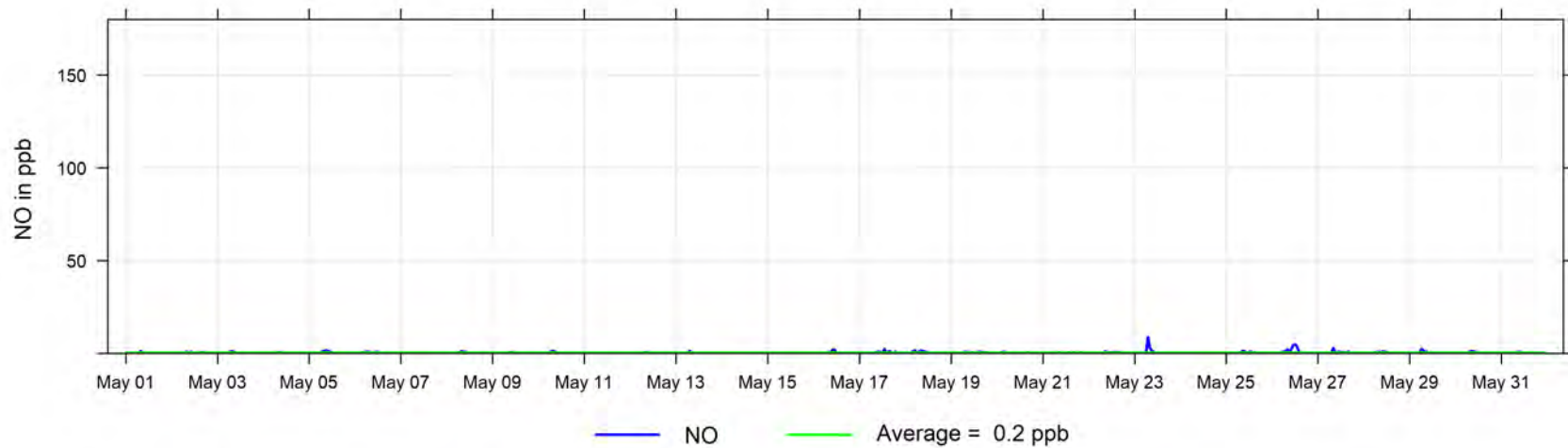
Happy Valley May 2026 Wind Rose, wind speed in km/hr
Calms (<1km/hr) = 0.1 %

9 Milner Charts

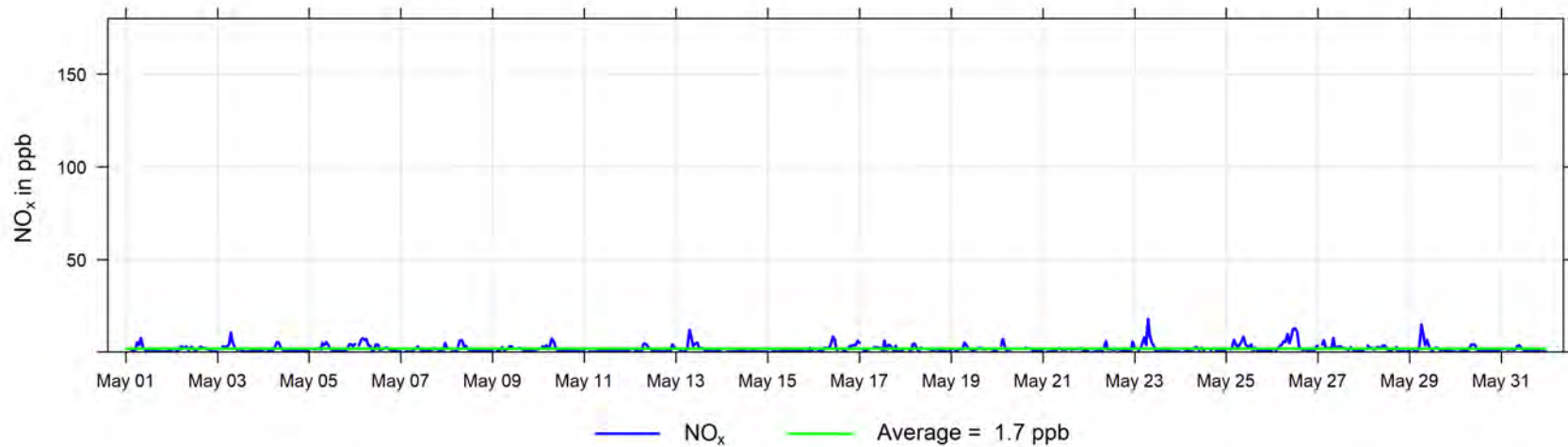
The following pages include the charts and histograms for Milner Station



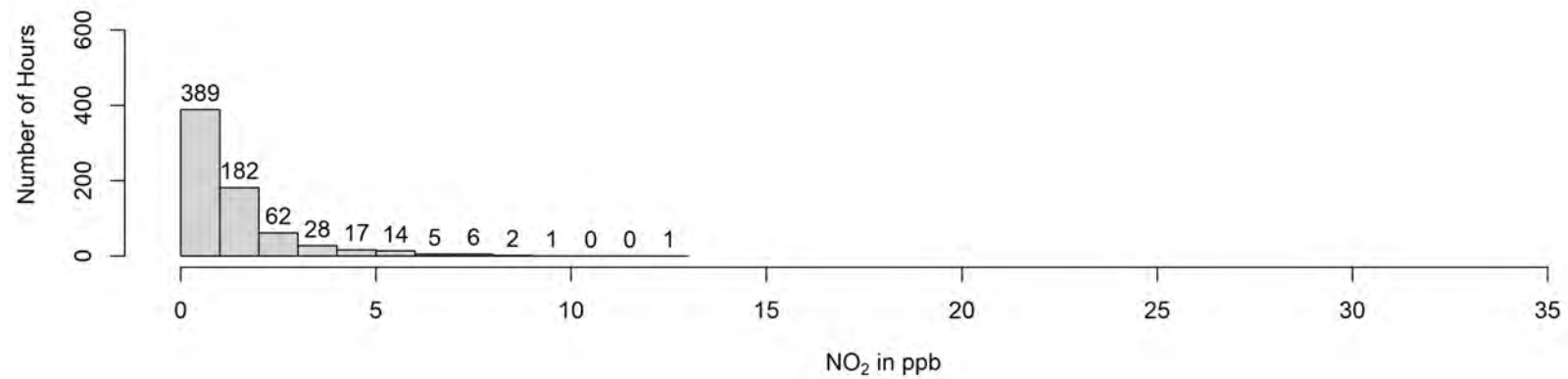
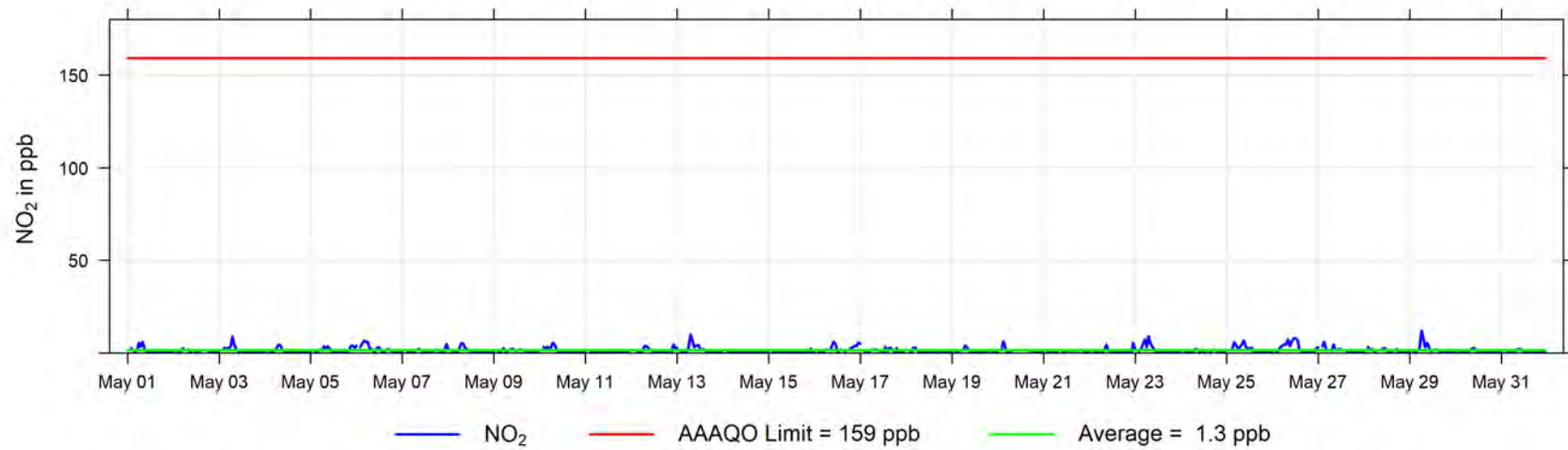
May 2026 Hourly Concentration Readings of NO (in ppb) at Milner



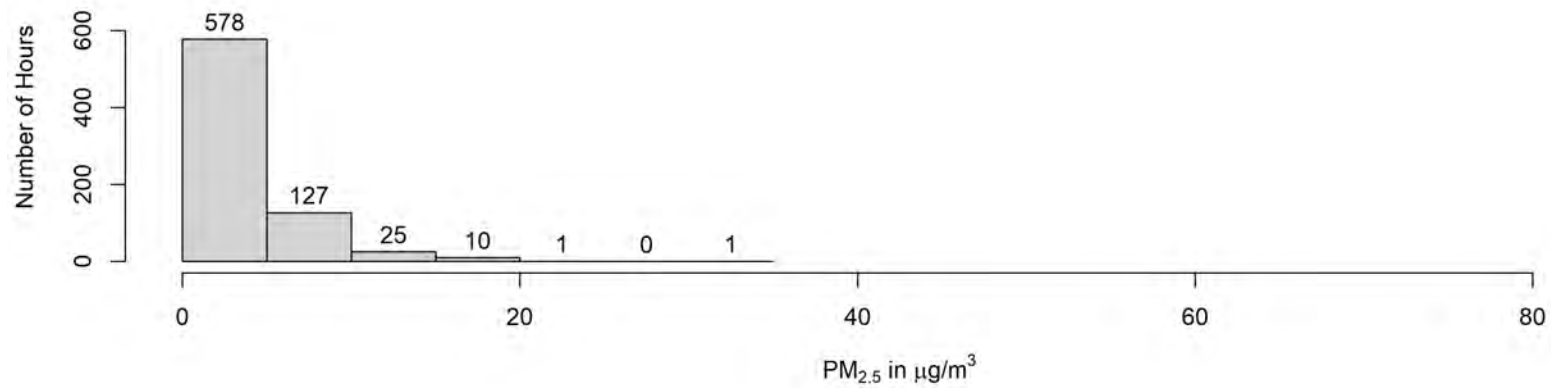
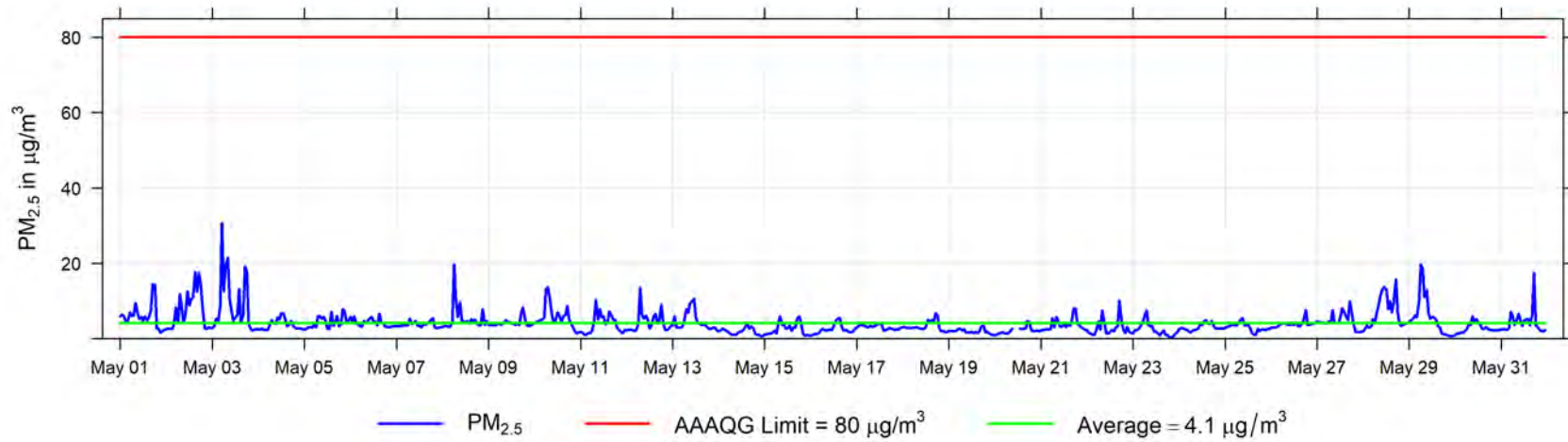
May 2026 Hourly Concentration Readings of NO_x (in ppb) at Milner



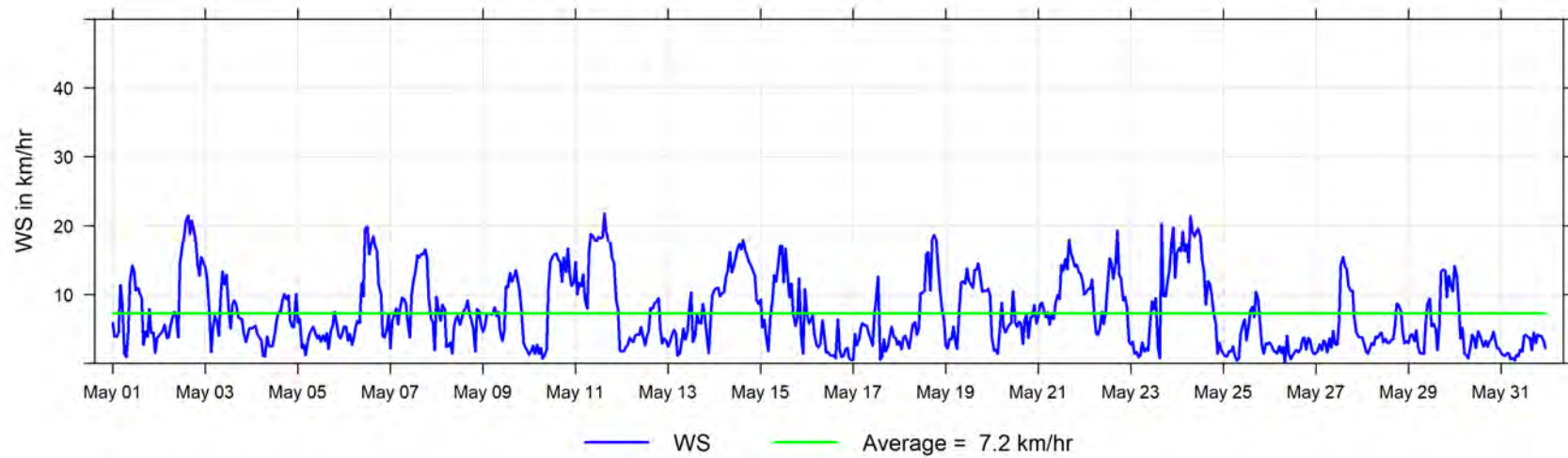
May 2026 Hourly Concentration Readings of NO₂ (in ppb) at Milner



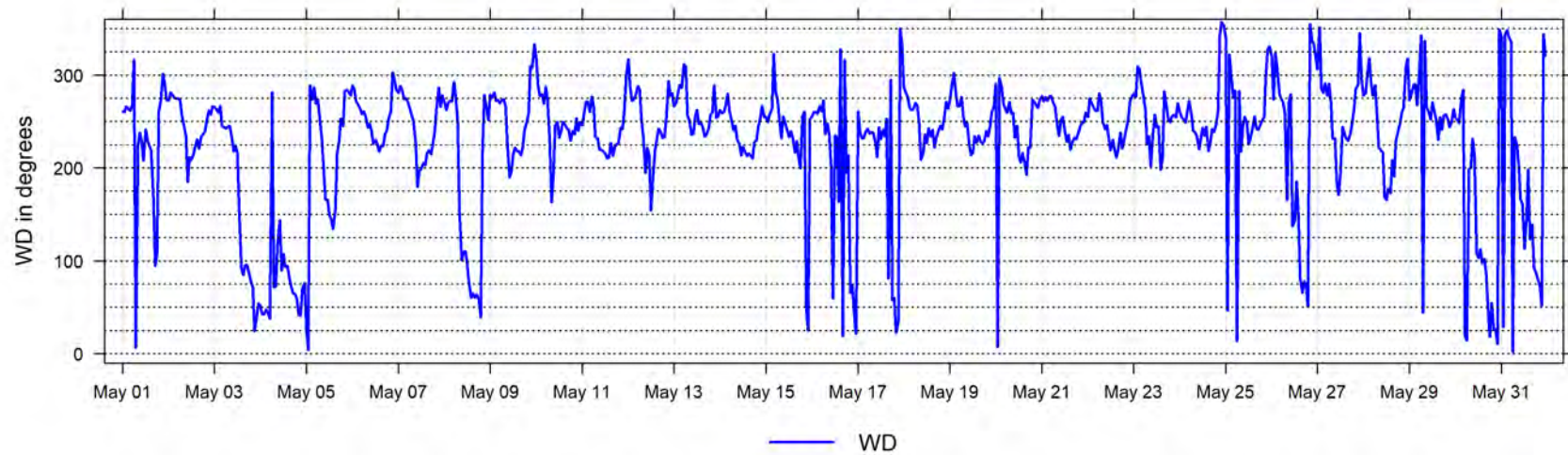
May 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Milner



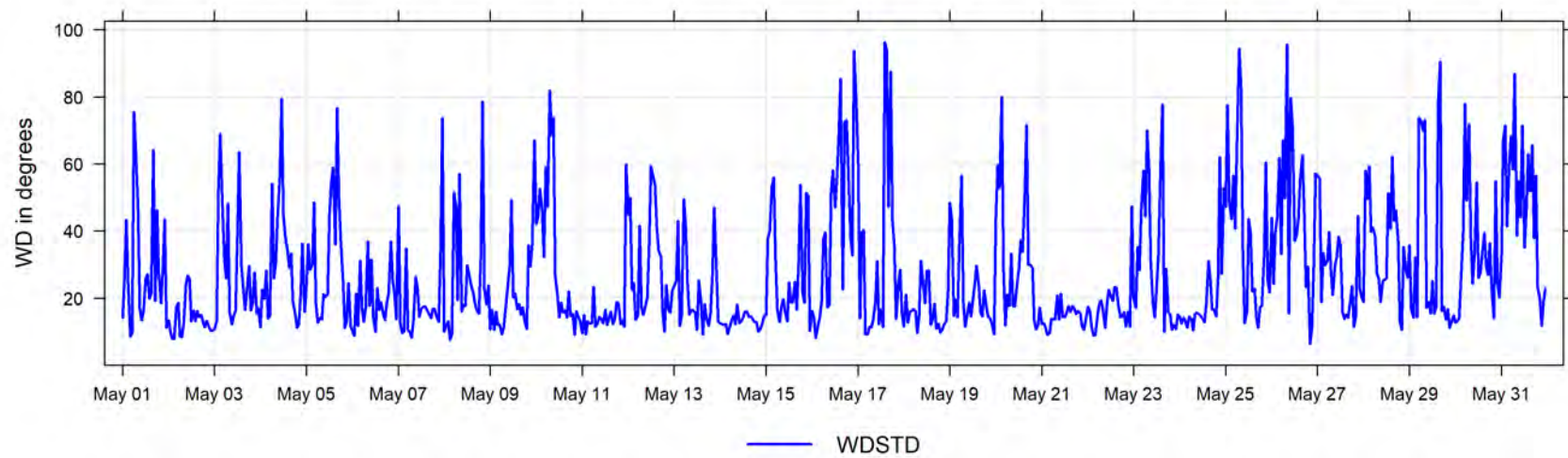
May 2026 Hourly Readings of Wind Speed (in km/hr) at Milner

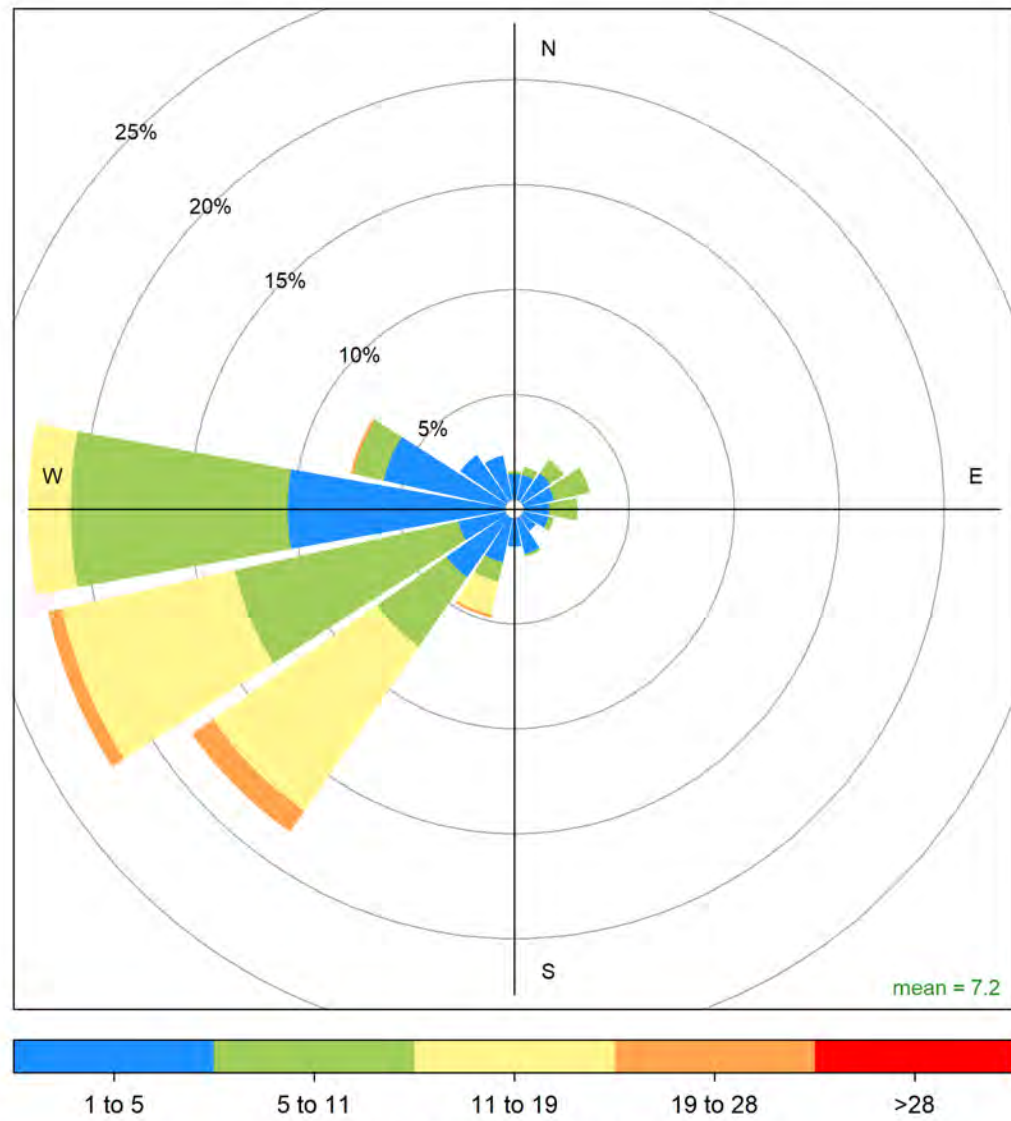


May 2026 Hourly Readings of Wind Direction (in degrees) at Milner



May 2026 Hourly Readings of Wind Direction Standard Deviation (in degrees) at Milner





Milner May 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 3 %

10 Passive Monitoring Data

Peace Airshed Zone Association - PAZA Passive Stations for May 2026

Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
Duplicates						
2a	Bay Tree		40.2			13-16-078-13 W6M
2b	Bay Tree		40.4			
5a	Boone Creek	0.4				01-23-076-11 W6M
5b	Boone Creek	0.4				
9a	Spirit River			2.6		08-12-079-07 W6M
9b	Spirit River			2.6		
17a	Poplar			2.2		13-06-073-08 W6M
17b	Poplar			2.0		
19a	Wanham	0.3				16-22-077-03 W6M
19b	Wanham	0.3				
24a	Wembley	1.7				12-31-070-08 W6M
24b	Wembley	1.4				
40a	McLennan			1.3		03-29-077-19 W5M
40b	McLennan			1.3		
42a	Sunset House			0.5		05-32-070-19 W5M
42b	Sunset House			0.5		
46a	Little Smoky	0.1				12-01-065-21 W5M
46b	Little Smoky	0.1				
D4a	Duvernay 4	1.3			0.14	04-33-062-20 W5M
D4b	Duvernay 4	1.0			0.14	
G3a	Girouxville 3				0.48	14-02-077-23 W5M
G3b	Girouxville 3				0.45	
K4a	Kakwa 4			2.9		06-18-063-04 W6M
K4b	Kakwa 4			2.6		
K3a	Kakwa 3	10.6				12-18-063-04 W6M
K3b	Kakwa 3	10.5				
K1a	Kakwa 1				<0.02	01-13-063-05 W6M
K1b	Kakwa 1				<0.02	
M9Aa	Milner Pipeline			0.6		12-14-058-08 W6M
M9Ab	Milner Pipeline			0.5		
M10a	Milner Powerline	<0.1				06-14-058-08 W6M
M10b	Milner Powerline	0.2				
J2Da	Jayar2 14-8			0.7		07-08-062-03 W6M
J2Db	Jayar2 14-8			0.7		
J5Da	Jayar5 Camp	0.2				11-08-062-03 W6M
J5Db	Jayar5 Camp	0.2				
J4Da	Jayar4 7-8 or 8-8 Pad				0.04	10-08-062-03 W6M
J4Db	Jayar4 7-8 or 8-8 Pad				0.03	

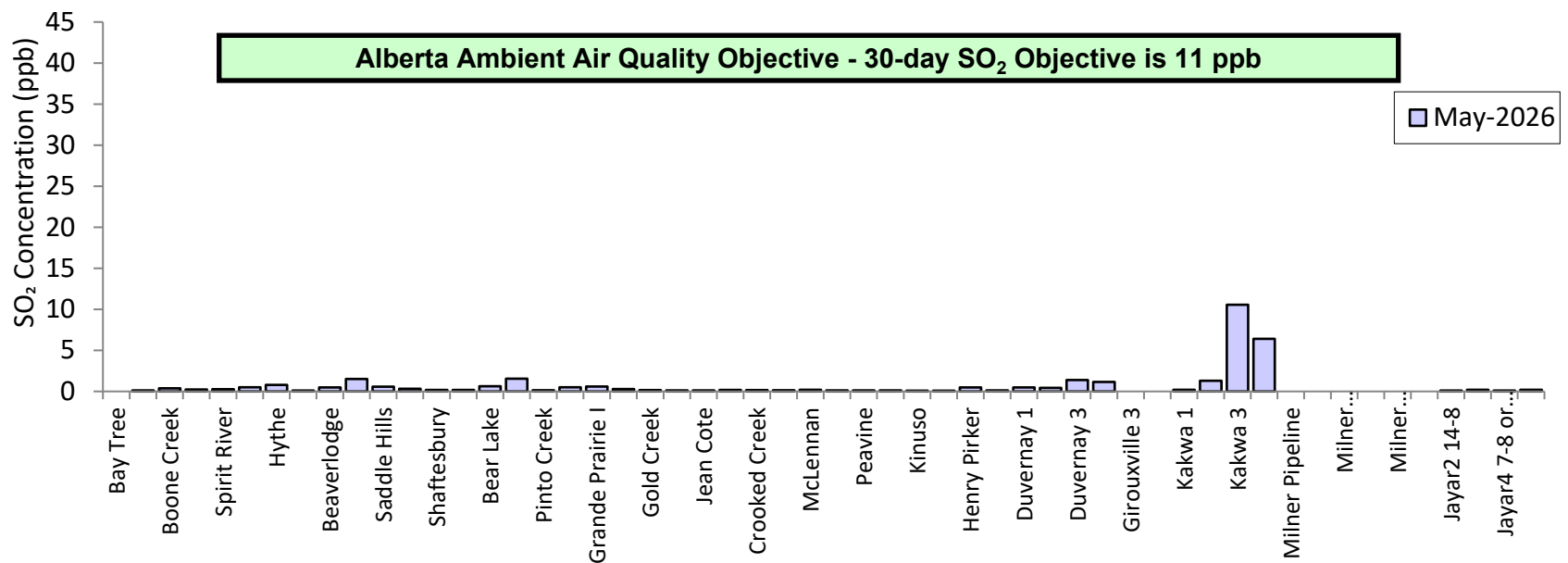
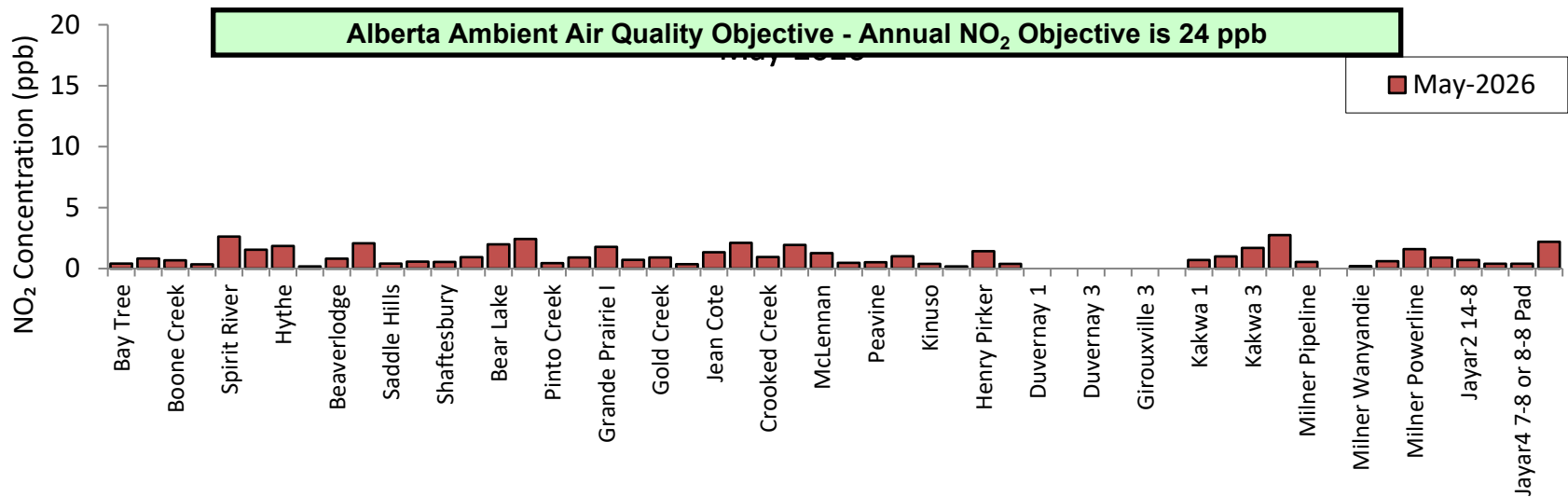
Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
2	Bay Tree	-	40.3	0.4	-	13-16-078-13 W6M
3	Forth Creek	0.1	-	0.8	-	04-13-082-07 W6M
5	Boone Creek	0.4	-	0.7	-	01-23-076-11 W6M
7	Steeprock Creek	0.2	-	0.3	-	09-35-072-13 W6M
9	Spirit River	0.3	-	2.6	-	08-12-079-07 W6M
11	Webber Creek	0.5	-	1.6	-	09-36-074-09 W6M
12	Hythe	0.8	-	1.9	-	14-36-072-11 W6M
14	Sylvester	0.1	-	0.2	-	08-06-069-12 W6M
16	Beaverlodge	0.5	-	0.8	-	15-36-071-10 W6M
17	Poplar	1.5	-	2.1	-	13-06-073-08 W6M
18	Saddle Hills	0.6	-	0.4	-	04-25-074-07 W6M
19	Wanham	0.3	-	0.6	-	16-22-077-03 W6M
20	Shaftesbury	0.2	-	0.5	-	04-03-082-23 W5M
21	Eaglesham	0.2	-	0.9	-	16-21-079-25 W5M
23	Bear Lake	0.6	-	2.0	-	15-31-072-06 W6M
24	Wembley	1.6	-	2.4	-	12-31-070-08 W6M
25	Pinto Creek	0.1	-	0.4	-	04-24-069-11 W6M
26	Flyingshot	0.5	-	0.9	-	15-36-070-07 W6M
27	Grande Prairie I	0.6	-	1.8	-	08-15-071-06 W6M
29	Smoky Heights	0.3	-	0.7	-	04-06-075-02 W6M
32	Gold Creek	0.2	-	0.9	-	06-33-067-05 W6M
34	Puskwaskau	0.1	-	0.4	-	15-35-074-25 W5M
35	Jean Cote	0.1	-	1.3	-	12-35-079-21 W5M
36	Guy	0.2	-	2.1	0.12	03-04-076-22 W5M
37	Crooked Creek	0.2	41.7	0.9	-	16-01-071-26 W5M
39	Clouston Creek	0.2	-	1.9	-	12-01-073-22 W5M
40	McLennan	0.2	-	1.3	-	03-29-077-19 W5M
42	Sunset House	0.1	-	0.5	-	05-32-070-19 W5M
44	Peavine	0.1	-	0.5	-	03-05-079-15 W5M
46	Little Smoky	0.1	-	1.0	-	12-01-065-21 W5M
47	Kinuso	0.1	37.1	0.4	-	12-10-073-10 W5M
48	Deer Mountain	0.1	-	0.2	-	15-22-068-09 W5M
49	Henry Piker	0.5	-	1.4	-	17-26-071-06 W6M
50	East Prairie	0.1	-	0.4	-	11-13-079-08 W6M
D1	Duvernay 1	0.5	-	-	0.00	04-33-062-20 W5M
D2	Duvernay 2	0.4	-	-	0.04	04-33-062-20 W5M
D3	Duvernay 3	1.4	-	-	0.17	04-33-062-20 W5M
D4	Duvernay 4	1.2	-	-	0.14	04-33-062-20 W5M
G3	Girouxville 3	-	-	-	0.47	14-02-077-23 W5M
G4	Girouxville 4	-	-	-	0.52	04-08-077-22 W5M
K1	Kakwa 1	0.2	-	0.7	<0.02	01-13-063-05 W6M
K2	Kakwa 2	1.3	-	1.0	<0.02	08-13-063-05 W6M
K3	Kakwa 3	10.6	-	1.7	0.06	12-18-063-04 W6M
K4	Kakwa 4	6.4	-	2.8	0.03	06-18-063-04 W6M
M1	Milner Pipeline	<0.1, 0.2	-	0.6	-	12-14-058-08 W6M
M2	Milner Bridge	<0.1	-	NA	-	08-06-057-08 W6M
M3	Milner Wanyandie	<0.1	-	0.2	-	11-13-058-08 W6M
M4	Milner Ambient Trailer	<0.1	-	0.6	-	09-15-058-08 W6M
M5	Milner Powerline	<0.1	-	1.6	-	06-14-058-08 W6M
J1	Jayar1 Plant	<0.1	-	0.9	0.02	06-08-062-03 W6M
J2	Jayar2 14-8	0.1	-	0.7	0.03	07-08-062-03 W6M
J3	Jayar3 Bone Yard	0.2	-	0.4	<0.02	14-08-062-03 W6M
J4	Jayar4 7-8 or 8-8 Pad	0.1	-	0.4	0.04	10-08-062-03 W6M
J5	Jayar5 Camp	0.2	-	2.2	0.04	11-08-062-03 W6M

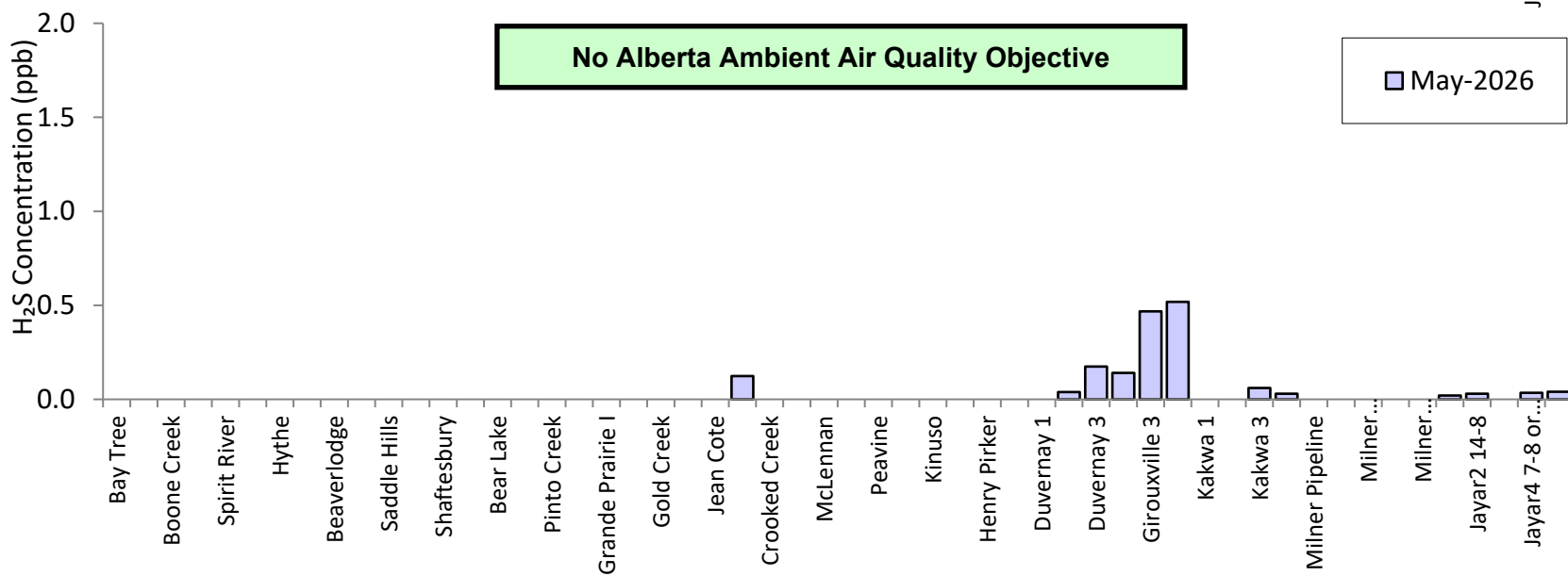
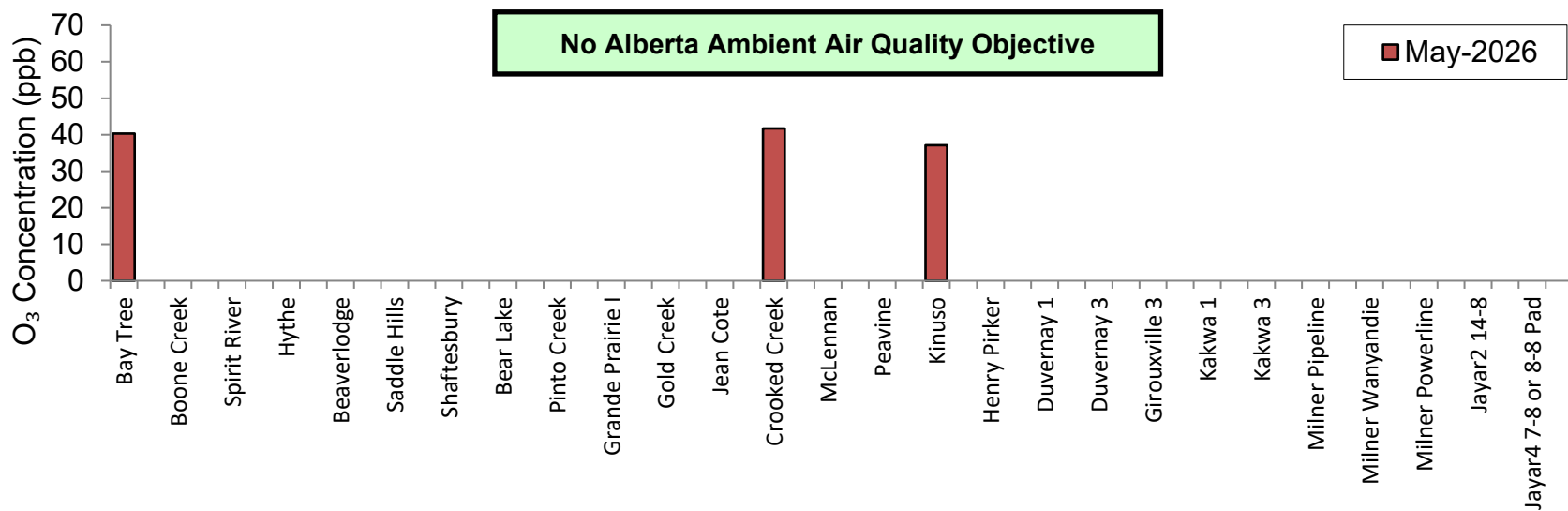
Passive Summary for May 2026

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

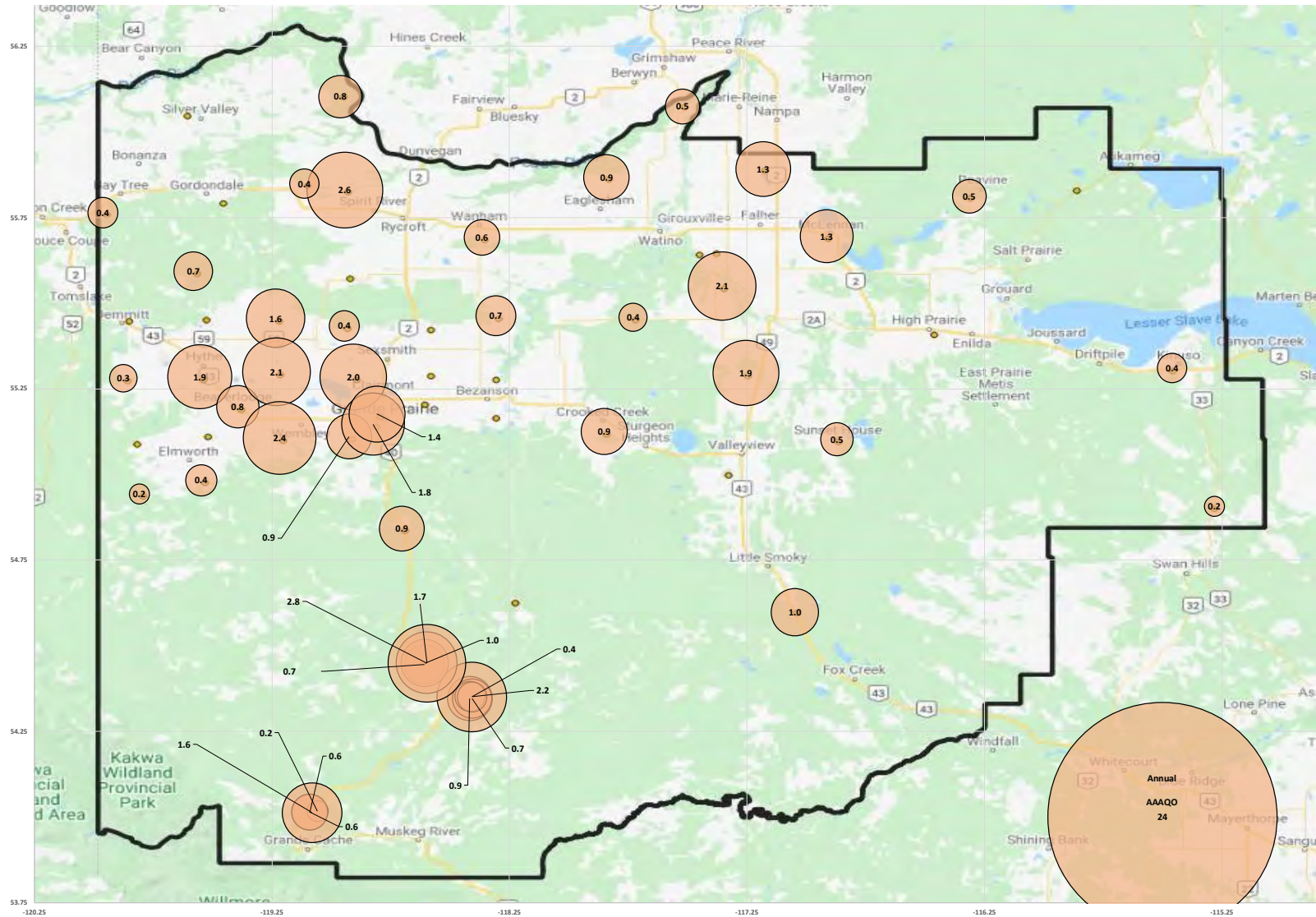
Passive Summary for May 2026 (PAZA)				
Mean	0.8	39.7	1.0	0.1
Standard Deviation	1.8	2.3	0.7	0.2
Minimum	0.1	37.1	0.2	0.0
	Kinuso (#47)	Kinuso (#47)	Sylvester (#14)	Duvernay 1 (#D1)
Maximum	10.6	41.7	2.8	0.5
	Kakwa 3 (#K3)	Crooked Creek (#37)	Kakwa 4 (#K4)	Girouxville 4 (#G4)

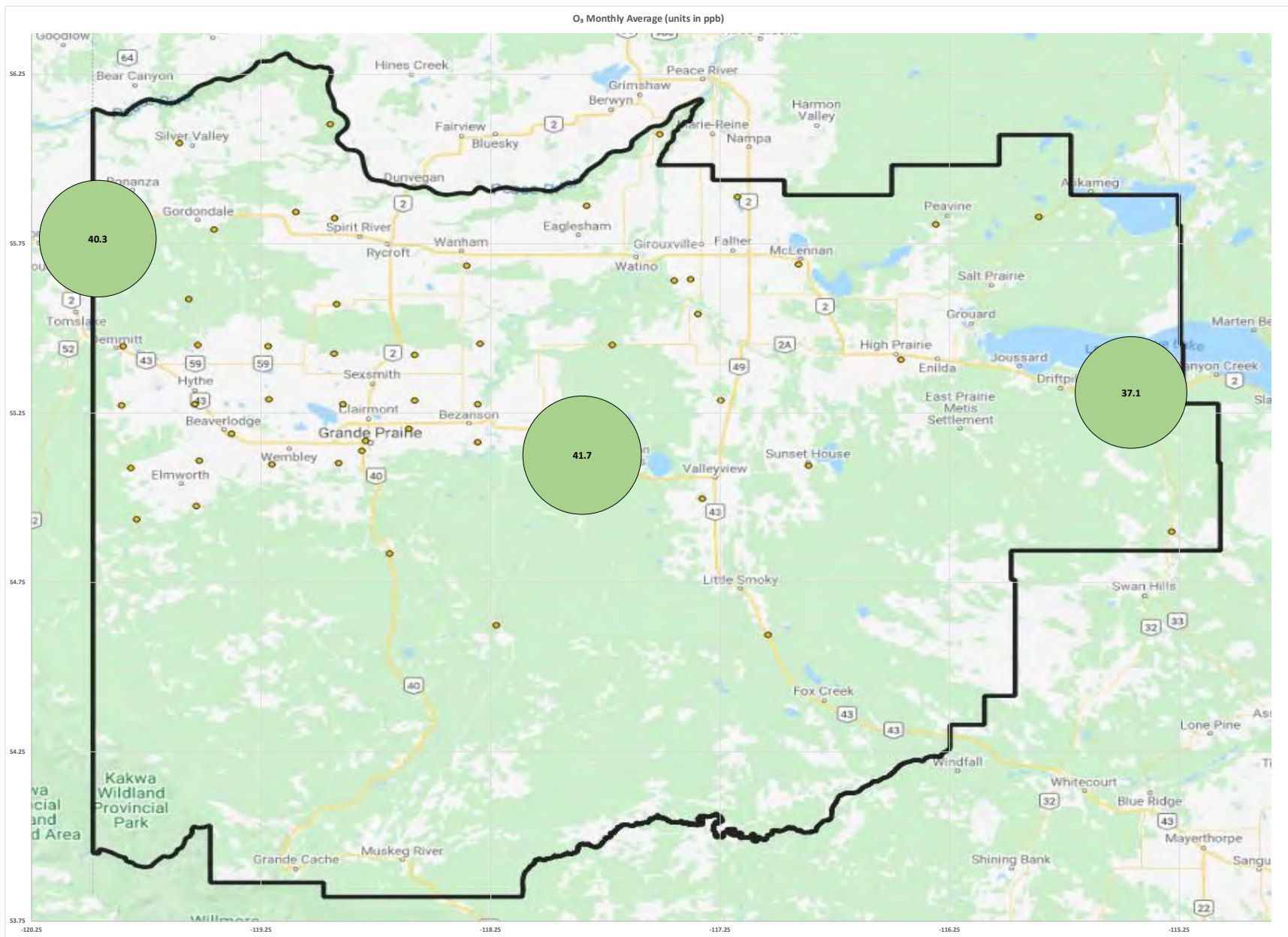
Continuous and Passive Monitoring Comparison				
PAZA Beaverlodge Station	0.3	38.4	2.1	-
Beaverlodge Passive (#16)	0.5	-	0.8	-
PAZA Henry Pirker Station	0.5	35.3	4.5	0.2
Henry Pirker passive (#49)	0.5	-	1.4	-
Milner Station	-	-	1.3	-
Milner passive	<0.1	-	0.6	-





NO₂ Monthly Average (units in ppb)

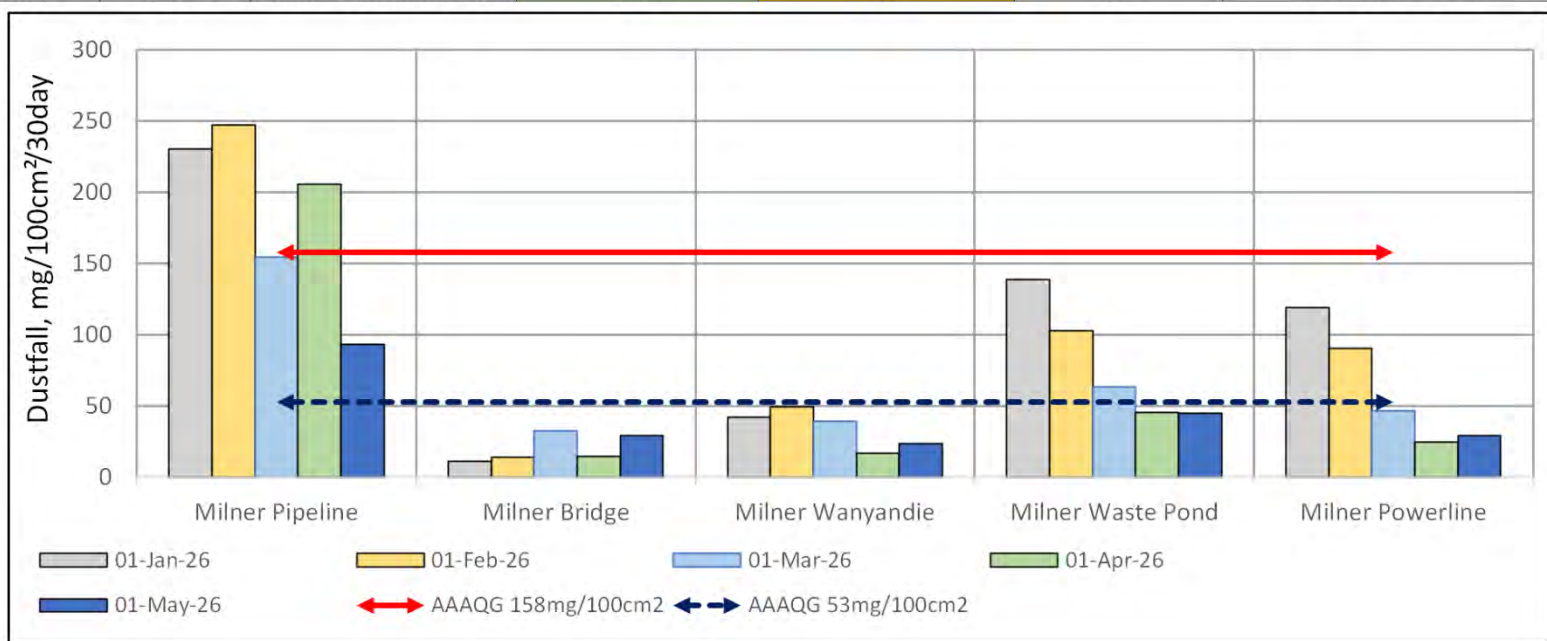




11 Dustfall Monitoring Data

Milner Dustfall Samples May 2026

Exposure Month	Year	Sample	Total Dustfall (30 day) mg/100cm ² /30day	Fixed Dustfall (30 day) mg/100cm ² /30day	Exposure days	Field Notes
May	2026	Milner Pipeline	93.4	34.9	30	
May	2026	Milner Bridge	29.2	8.1	30	
May	2026	Milner Wanyandie	23.5	9.7	30	
May	2026	Milner Waste Pond	44.7	21.1	30	
May	2026	Milner Powerline	29.2	11.4	30	
May	2026	Milner Powerline Dup	31.7	5.7	30	RPD, 8% / 67%



End of Report



Peace Airshed Zone Association

Ambient Air Monitoring Report

May 2026