



Peace Airshed Zone Association

Ambient Air Monitoring Network Summary

Ambient Air Quality Monitoring Program

Monthly Report

June 2026

July 31, 2026

Alberta Environment and Protected Areas

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

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

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

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 June 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:

- No readings were above the continuous AAAQO or AAAQG during the month
- One passive sample at Kakwa 3 was above the monthly AAAQO for SO₂ at 11.3 ppb (objective at 11ppb), reference 456533

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

None to report

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

Passive Monitoring

54 Stations throughout the PAZA zone

- Passive sample analyses were performed by Bureau Veritas Laboratories
- Field notes indicated that the Duplicate at Bay Tree was damage (one of the NO₂ passives was pulled apart)
- Field notes indicated that the Girouxville 3 head was on ground – samples were still analyzed and results indicated slightly higher readings than other samples)

There were 20 duplicates sampled in the month of June:

- Eight SO₂ duplicates located at Forth Creek, Pinto Creek, Peavine, East Prairie, Duvernay 1, Kakwa 1, Milner Powerline, Jayar5 Camp
 - RPD ranging from 10% to 67% (two fails, Forth Creek, 54%, 0.1 and 0.2 ppb; Kakwa 1, 67%, 0.2 and 0.4 ppb)
 - Duplicate sample at Milner Powerline were <0.1ppb
- One O₃ duplicate at Crooked Creek
 - RPD of 11% (no fail)
- Seven NO₂ duplicates at Bay Tree, Grande Prairie I, Jean Cote, Clouston Creek, Kakwa 3, Milner Pipeline, Jayar2 14-8
 - RPD ranging from 0% to 50% (no fails)
 - Duplicate at Bay Tree was damage (one of the NO₂ passives)
- Four H₂S duplicates at Girouxville 3, Duvernay 1, Kakwa 4, Jayar3 Bone Yard
 - RPD ranging from 4% to 97% (one fail, Duvernay 1, 0.02 and 0.06 ppb)
 - Duplicate at Jayar 3 Bone Yard were both <0.02ppb

Dustfall Monitoring

- Five Stations collected Total Dustfall and Fixed Dustfall
- Total dustfall ranged from 28.9 to 84.7 mg/100cm²/30day
- RPD was 36 to 60% (with fixed dustfall failing, samples were 9.0 and 16.7mg/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.

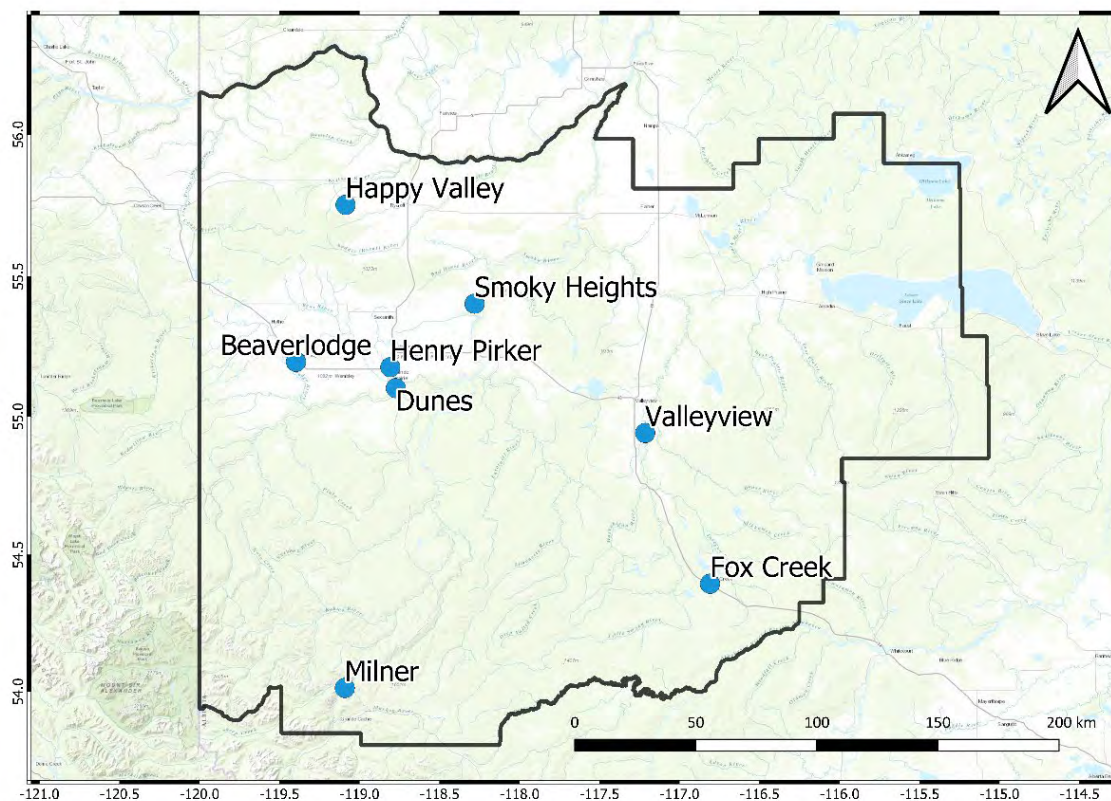


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Program Manager

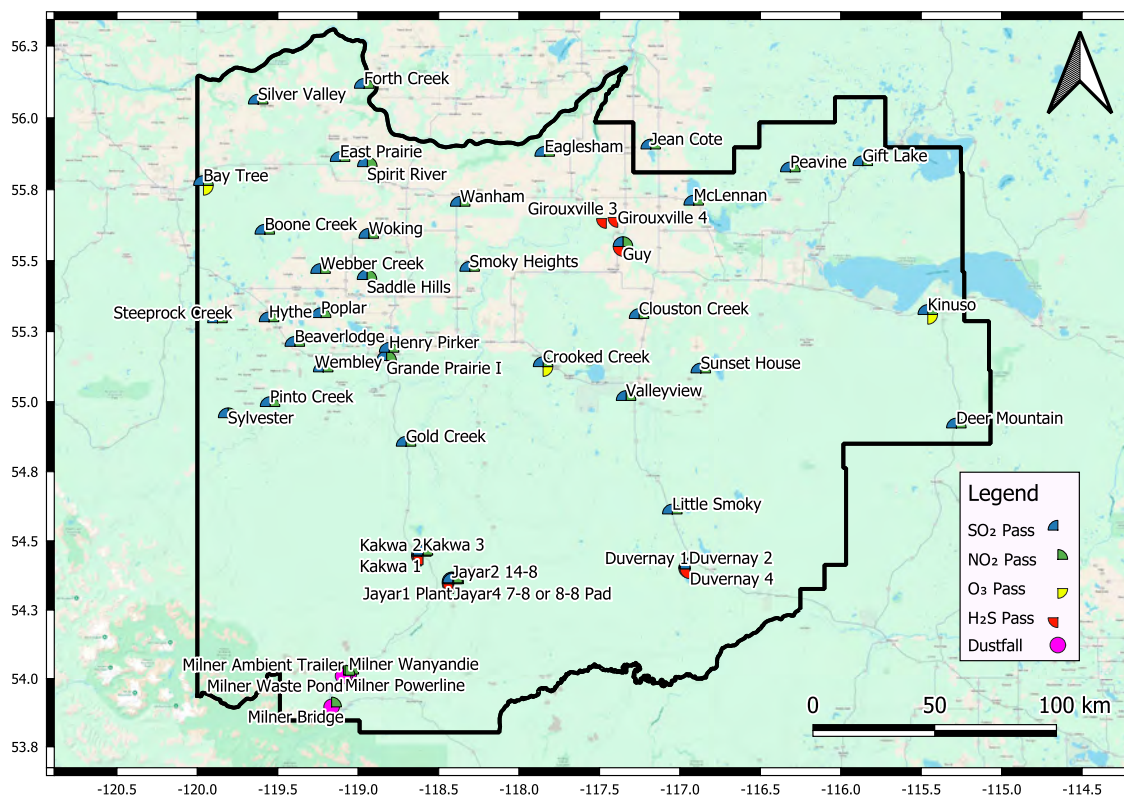
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PAZA Continuous Monitoring Station Locations



PAZA Passive Monitoring Station Locations



1 June 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 - June 2026 Beaverlodge Station Report

June					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)	0.5	0.0	95.1%	100.0%	16.6	-	Jun-23 07:00	2.4	-	Jun-23	-	-	-	-	Jun 04, 2026
NO ₂ (ppb)	2.9	0.4	95.1%	100.0%	14.9	159	Jun-15 06:00	5.6	-	Jun-23	0	-	-	-	Jun 04, 2026
NO _x (ppb)	3.4	0.5	95.1%	100.0%	28.1	-	Jun-23 07:00	8.0	-	Jun-23	-	-	-	-	Jun 04, 2026
O ₃ (ppb)	27.8	3.3	95.3%	100.0%	51.5	76	Jun-25 13:00	39.9	-	Jun-02	0	-	-	-	Jun 04, 2026
PM _{2.5} (µg/m³)	4.1	0.6	99.7%	100.0%	16.4	80	Jun-11 08:00	8.8	29	Jun-24	0	-	0	-	Jun 02, 2026
SO ₂ (ppb)	0.6	0.0	95.4%	100.0%	34.2	172	Jun-19 10:00	3.4	48	Jun-19	0	-	0	0	Jun 02, 2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	14.8	4.5	100.0%	100.0%	27.5	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	65.0	15.4	100.0%	100.0%	100.1										
WS (km/hr)	9.4	0.2	100.0%	100.0%	27.0										
WD (deg)	261	2.9	100.0%	100.0%	359.7	Average Wind Direction261W									

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	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 - June 2026 Dunes Station Report

June 2026 Data Station Report															
Parameter	June		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)	3.8	0.0	99.4%	99.7%	36.6	80	Jun-03 21:00	9.5	29	Jun-24	0	-	0	-	Jun-10-2026
SO ₂ (ppb)	0.3	0.0	95.0%	99.7%	4.9	172	Jun-24 18:00	0.8	48	Jun-29	0	-	0	0	Jun-10-2026
TRS (ppb)	0.5	0.0	94.9%	99.6%	1.8	5	Jun-23 00:00	0.7	-	Jun-01	0	-	-	-	Jun-10-2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	15.0	1.8	99.7%	99.7%	28.5	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									
RH (%)	64.4	14.4	99.7%	99.7%	99.9										
WS (km/hr)	5.2	0.1	99.7%	99.7%	17.0										
WD (deg)	277	0.3	99.7%	99.7%	359.8	Average Wind Direction277W									

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Thermo	SHARP 5030	Jun 10, periods of missing data (communication failure) just before calibration, 2hrs removed
SO ₂	Thermo	43i	Jun 10, periods of missing data (communication failure) just before calibration, 2hrs removed
TRS	Thermo	43i	Jun 10, periods of missing data (communication failure) just before calibration, 3hrs removed
Met Equip	Gil/RMYoung	MetPak/RMY86004	Jun 10, periods of missing data (communication failure), 2hrs removed

1.3 Grande Prairie - Henry Pirker Air Monitoring Station

PAZA - June 2026 Henry Pirker Station Report

AAR - June 2026 Henry Parker Station Report																
Parameter	June				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)	0.9	0.0	94.6%	99.6%	25.4	-	Jun-24 05:00	4.9	-	Jun-24	-	-	-	-	Jun 08, 2026	
NO ₂ (ppb)	4.4	1.0	94.6%	99.6%	22.6	159	Jun-24 00:00	7.8	-	Jun-24	0	-	-	-	Jun 08, 2026	
NO _x (ppb)	5.3	1.1	94.6%	99.6%	38.9	-	Jun-24 05:00	12.7	-	Jun-24	-	-	-	-	Jun 08, 2026	
O ₃ (ppb)	27.0	0.5	95.4%	100.0%	59.6	76	Jun-26 15:00	37.8	-	Jun-02	0	-	-	-	Jun 08, 2026	
PM _{2.5} (µg/m³)	4.4	0.7	99.9%	100.0%	19.0	80	Jun-23 09:00	10.0	29	Jun-24	0	-	0	-	Jun 08, 2026	
SO ₂ (ppb)	0.3	0.0	95.1%	100.0%	9.8	172	Jun-09 16:00	0.9	48	Jun-09	0	-	0	0	Jun 08, 2026	
H ₂ S (ppb)	0.1	0.0	95.3%	100.0%	0.7	10	Jun-24 05:00	0.2	3	Jun-24	0	-	0	-	Jun 09, 2026	
THC (ppm)	2.2	2.0	95.3%	100.0%	5.2	-	Jun-13 05:00	2.6	-	Jun-13	-	-	-	-	Jun 16, 2026	
CO (ppm)	0.1	0.1	95.3%	100.0%	0.3	13	Jun-13 02:00	0.1	5	Jun-11	0	0	-	-	Jun 17, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	15.8	4.8	100.0%	100.0%	28.9	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%									Dec 12, 2025	
RH (%)	59.6	13.3	100.0%	100.0%	89.4										Dec 12, 2025	
SR (W/m²)	191.1	0.0	100.0%	100.0%	932.5										Dec 12, 2025	
WS (km/hr)	6.5	0.1	100.0%	100.0%	24.9										Dec 12, 2025	
WD (deg)	282	0.6	100.0%	100.0%	359.1										Dec 12, 2025	
Average Wind Direction									282	WNW						Dec 12, 2025

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	Jun 16, span failed, site visit and , span failed manual point checks performed on site (3hrs maintenance), within target <2%, perm tube suspected cause, so new perm tube put in place; Jun 17-18 spans failed, perm tube settled and range corrected
O ₃	TECO	49i	No operational issues noted during the month
PM _{2.5}	API	T640	No operational issues noted during the month
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	TEI	51i	Only THC operational (CH ₄ +NMHC are flagged as not in service)
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 - June 2026 Smoky Heights Station Report

AAR - June 2025 Smoky Heights Station Report																
Parameter	June				Max	30min / 1-hour		24-hour			Exceedance				Calibration Date	
	Average	Minimum	Valid	Operational		Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d		
PM _{2.5} (µg/m³)	5.0	0.0	99.7%	100.0%	73.2	80	Jun-03 14:00	24.9	29	Jun-03	0	-	0	-	Jun 15, 2026	
SO ₂ (ppb)	0.2	0.0	95.3%	100.0%	4.5	172	Jun-06 01:00	1.0	48	Jun-06	0	-	0	0	Jun 15, 2026	
TRS (ppb)	0.1	0.0	95.3%	100.0%	0.6	5	Jun-02 02:30	0.2	-	Jun-06	0	-	-	-	Jun 15, 2026	
	Average	Minimum	Valid	Operational	Maximum	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Aug 02, 2025
Temp (°C)	15.0	4.2	100.0%	100.0%	28.6											Aug 02, 2025
WS (km/hr)	8.3	0.3	100.0%	100.0%	26.6	Average Wind Direction274WNW										Aug 02, 2025
WD (deg)	274	0.1	100.0%	100.0%	359.8											Aug 02, 2025

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Sharp	5030	No operational issues noted during the month; no readings above AAAQG or AAAQO
SO ₂	TECO	43i	No operational issues noted during the month
TRS	TEI	43i APSAA	No operational issues noted during the month
Met Equip	MetOne	50.5	No operational issues noted during the month

1.5 Valleyview Air Monitoring Station

PAZA - June 2026 Valleyview Station Report

AEA - June 2026 Valleyview Station Report																
Parameter	June				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	
SO ₂ (ppb)	0.1	0.0	95.3%	100.0%	2.7	172	Jun-09 12:00	0.5	48	Jun-09	0	-	0	0	Jun 11, 2026	
H ₂ S (ppb)	0.1	0.0	95.3%	100.0%	0.5	10	Jun-24 04:00	0.2	3	Jun-03	0	-	0	-	Jun 11, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	14.9	5.1	100.0%	100.0%	30.2	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										
RH (%)	71.9	21.3	100.0%	100.0%	100.3											
WS (km/hr)	5.2	0.2	100.0%	100.0%	23.3											
WD (deg)	296	0.2	100.0%	100.0%	359.3											
Average Wind Direction									296	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	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 - June 2026 Fox Creek Station Report

ACR - June 2026 Fox Creek Station Report																
Parameter	June				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)	2.0	0.0	95.0%	100.0%	27.7	-	Jun-29 07:00	4.5	-	Jun-29	-	-	-	-	Jun 16, 2026	
NO ₂ (ppb)	3.2	0.0	95.0%	100.0%	14.8	159	Jun-01 23:00	6.0	-	Jun-09	0	-	-	-	Jun 16, 2026	
NO _x (ppb)	5.5	0.1	95.0%	100.0%	34.9	-	Jun-29 07:00	10.7	-	Jun-09	-	-	-	-	Jun 16, 2026	
O ₃ (ppb)	23.4	0.0	92.9%	97.2%	46.2	76	Jun-13 19:00	30.3	-	Jun-01	0	-	-	-	Jun 17, 2026	
PM _{2.5} (µg/m³)	5.5	0.9	99.7%	100.0%	26.6	80	Jun-29 19:00	15.3	29	Jun-29	0	-	0	-	Jun 16, 2026	
SO ₂ (ppb)	0.1	0.0	95.1%	100.0%	1.8	172	Jun-23 11:00	0.4	48	Jun-09	0	-	0	0	Jun 16, 2026	
H ₂ S (ppb)	0.1	0.0	87.2%	91.8%	0.7	10	Jun-17 15:00	0.3	3	Jun-06	0	-	0	-	Jun 30, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	13.5	3.9	100.0%	100.0%	27.7	Note: Valid hours must be greater than 75% Operational hours must be greater than 90%										Sep 17, 2025
WS (km/hr)	5.5	0.2	100.0%	100.0%	20.3											Sep 17, 2025
WD (deg)	289	0.1	100.0%	100.0%	359.7	Average Wind Direction289WNW										Sep 17, 2025

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42IQ	No operational issues noted during the month
O ₃	TECO	S	Jun 16, calibration performed, with issues noted from calibration and data shifting, calibration re-run Jun 17, data between calibrations removed due to suspected data shift (4hrs maintenance, 15hrs removed); Jun 29, manual AIC due to H2S ties, no issues (1hr)
PM _{2.5}	API	T640	No operational issues noted during the month, no readings above AAAQO or AAAQG
SO ₂	TEI	43i-TLE	No operational issues noted during the month
H ₂ S	TEI	450i	Jun 29, AIC failed, manual span ran later in day, also came in >10%; Jun 30, AIC failed, calibration performed with zero and span adjust, data removed back to last good span Jun 28 resulting in 55hrs removed, 4hrs maintenance
Met Equip	MetOne	50.5	No operational issues noted during the month

1.7 Happy Valley Air Monitoring Station

PAZA - June 2026 Happy Valley Station Report

Parameter	June			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)	3.2	0.0	92.9%	97.8%	131.4	-	Jun-14 22:00	9.3	-	Jun-14	-	-	-	-	Jun 03, 2026
NO ₂ (ppb)	5.7	0.8	92.9%	97.8%	41.9	159	Jun-14 22:00	10.4	-	Jun-23	0	-	-	-	Jun 03, 2026
NO _x (ppb)	9.0	1.0	92.9%	97.8%	174.1	-	Jun-14 22:00	19.7	-	Jun-14	-	-	-	-	Jun 03, 2026
O ₃ (ppb)	24.8	0.0	93.2%	97.8%	50.9	76	Jun-14 19:00	30.9	-	Jun-27	0	-	-	-	Jun 03, 2026
PM _{2.5} (µg/m ³)	4.2	0.7	97.6%	97.9%	16.3	80	Jun-14 22:00	8.1	29	Jun-24	0	-	0	-	Jun 03, 2026
SO ₂ (ppb)	0.6	0.0	91.7%	96.3%	36.0	172	Jun-25 04:00	3.5	48	Jun-25	0	-	0	0	Jun 01, 2026
TRS (ppb)	0.4	0.1	93.1%	97.8%	1.1	5	Jun-28 02:30	0.6	-	Jun-26	0	-	-	-	Jun 01, 2026
CH ₄ (ppm)	2.1	2.0	88.1%	92.5%	2.3	-	Jun-13 22:00	2.1	-	Jun-12	-	-	-	-	Jun 03, 2026
THC (ppm)	2.1	2.0	88.1%	92.5%	2.5	-	Jun-24 02:00	2.1	-	Jun-12	-	-	-	-	Jun 03, 2026
NMHC (ppm)	0.0	0.0	88.1%	92.5%	0.2	-	Jun-24 00:00	0.0	-	Jun-23	-	-	-	-	Jun 03, 2026
Average	14.7	5.8	98.6%	98.6%	26.5	Note: Valid hours must be greater than 75% Operational hours must be greater than 90% Average Wind Direction 259 WSW									
Temp (°C)	14.7	5.8	98.6%	98.6%	26.5										
WS (km/hr)	10.7	0.6	97.5%	97.5%	34.1										
WD (deg)	259	0.9	97.5%	97.5%	359.6										

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	TEI	42i	Jun 1, manual AIC performed, no issues (1hr); Jun 9-11, sporadic powerfailures, 15hrs removed
O ₃	TEI	49i	Jun 1, manual AIC performed, no issues (1hr); Jun 9-11, sporadic powerfailures, 15hrs removed
PM _{2.5}	API	T640	Jun 9-11, sporadic powerfailures, 15hrs removed
SO ₂	TEI	43i	Jun 1, AIC span was high but within 10% margin, remote manual AIC triggered but failed, site visit to check performed later in day, could not run removal calibration as no flow present in the system, internal pump bypassed, deployed external unit, flow came back on as a result, install calibration performed (12hr removed); Jun 9-11, sporadic powerfailures, 15hrs removed
TRS	TEI	43i	Jun 1, manual AIC performed, no issues (1hr); Jun 9-11, sporadic powerfailures, 15hrs removed
THC/CH ₄ /NMHC	TEI	55i	Jun 1, manual AIC performed, no issues (1hr); Jun 9-11, sporadic powerfailures resulted in analyzer flameout and flatline data, Jun 11, site visit to re-lite instrument, cylinders changed, manual span performed to verify ok, no issues following (53hrs removed)
Met Equip	MetOne	50.5	Jun 3-4, wind sensor data failure, 4hrs removed; Jun 9-11, sporadic powerfailures, 13hrs removed

1.8 Milner Air Monitoring Station

PAZA - June 2026 Milner Station Report

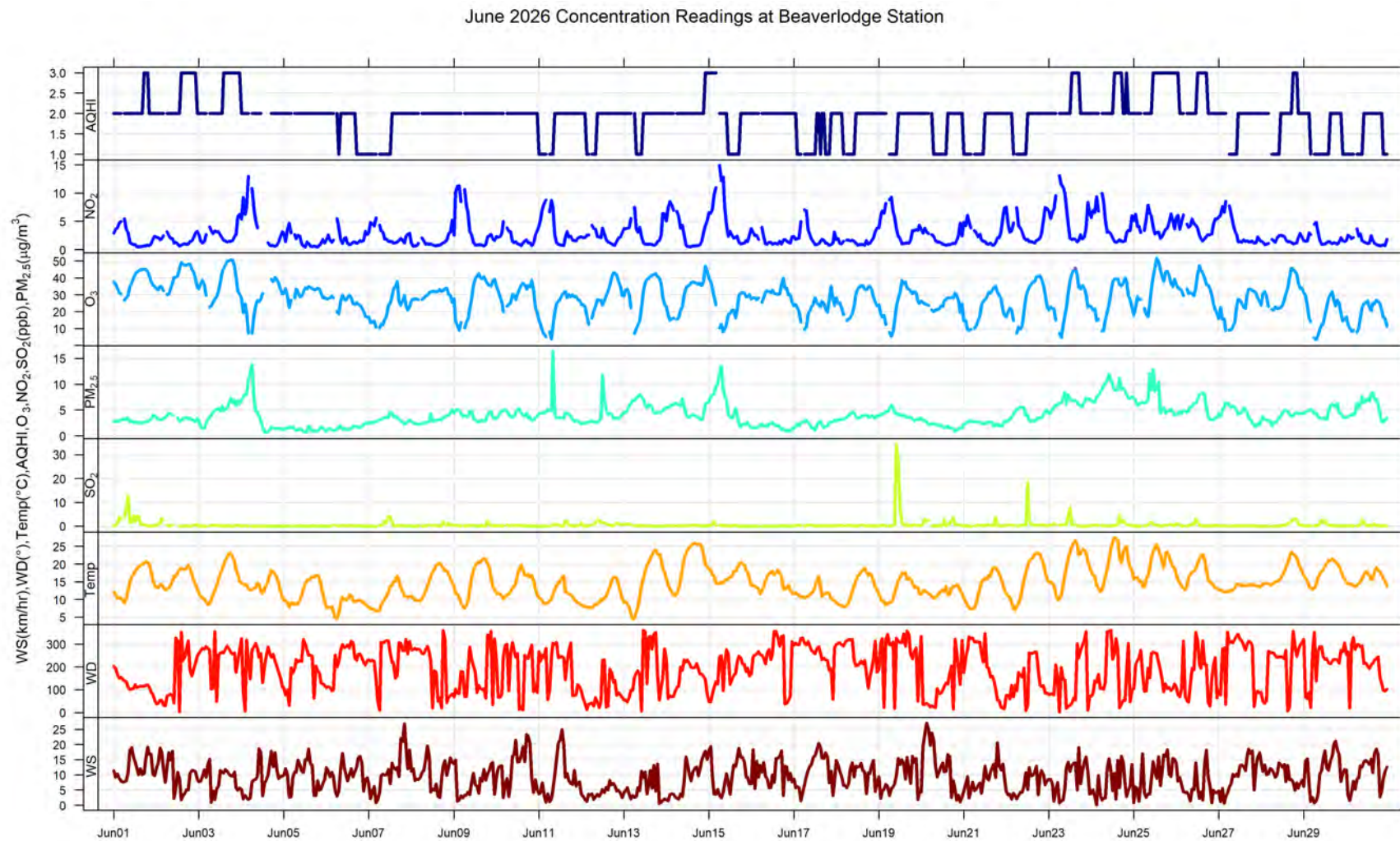
Parameter	June			1-hour				24-hour		Exceedance					Calibration Date
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	
NO (ppb)	0.3	0.0	94.2%	99.3%	9.7	-	Jun-28 08:00	1.6	-	Jun-28	-	-	-	-	Jun 25, 2026
NO ₂ (ppb)	1.0	0.0	94.2%	99.3%	11.9	159	Jun-09 11:00	2.3	-	Jun-28	0	-	-	-	Jun 25, 2026
NO _x (ppb)	1.4	0.0	94.2%	99.3%	14.8	-	Jun-09 11:00	3.9	-	Jun-28	-	-	-	-	Jun 25, 2026
PM _{2.5} (µg/m ³)	3.8	0.3	99.0%	99.3%	27.6	80	Jun-02 06:00	6.9	29	Jun-30	0	-	0	-	Jun 25, 2026
Average	4.9	0.2	99.3%	99.3%	19.3	Note: Valid hours must be greater than 75% Operational hours must be greater than 90% Average Wind Direction 251 WSW									
WS (km/hr)	4.9	0.2	99.3%	99.3%	19.3										
WD (deg)	251	0.8	99.3%	99.3%	357.9										

Update Summary:

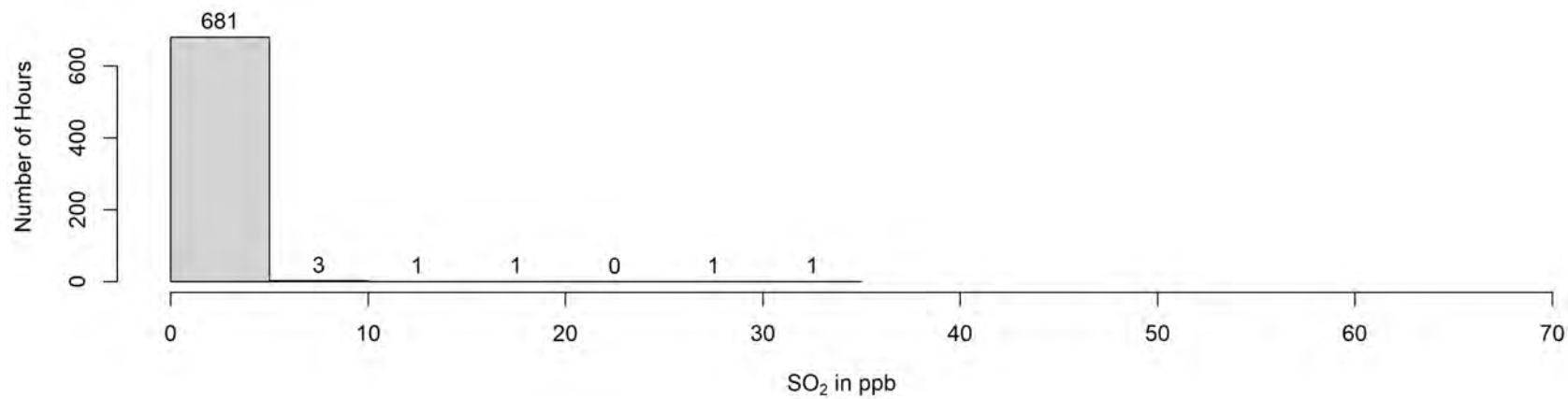
Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	Jun 25, removal calibration (passed) for routine maintenance to improve convertor performance, startup calibration no issues; Jun 29, communication loss, no data (5hrs)
PM _{2.5}	API	T640	Jun 29, communication loss, no data (5hrs), no readings above AAAQG or AAAQO
Met Equip	MetOne	50.5	Jun 29, communication loss, no data (5hrs)

2 Beaverlodge Charts

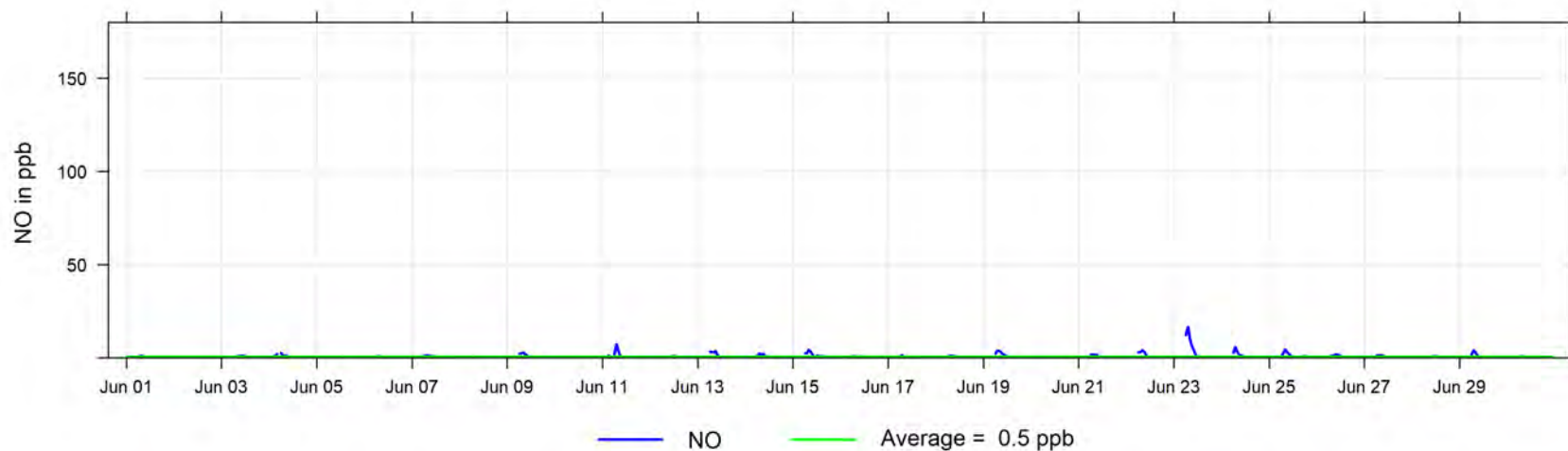
The following pages include the charts and histograms for Beaverlodge Station



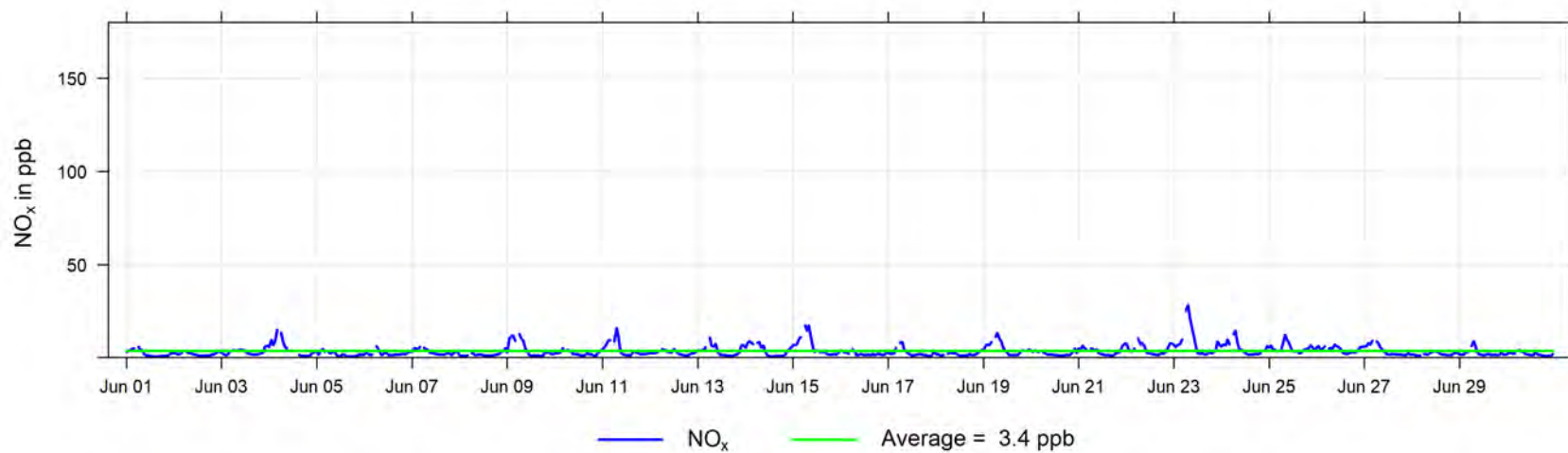
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Beaverlodge



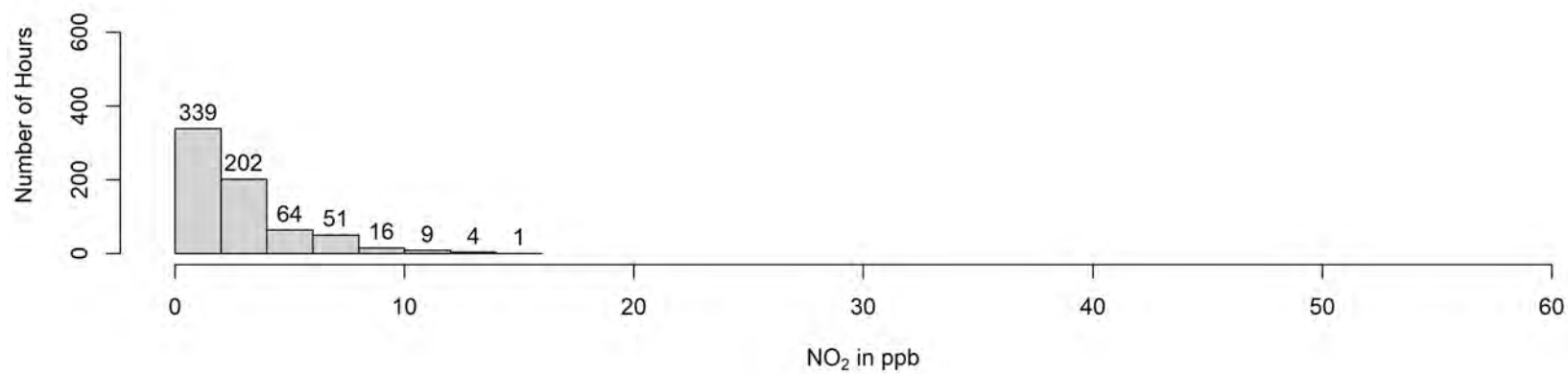
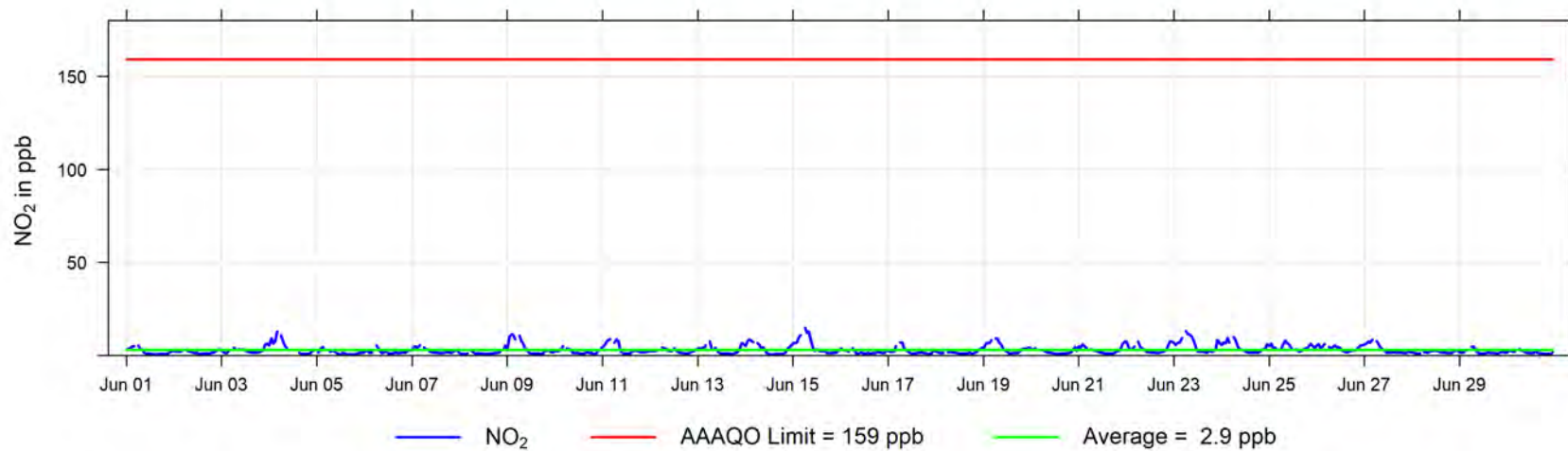
June 2026 Hourly Concentration Readings of NO (in ppb) at Beaverlodge



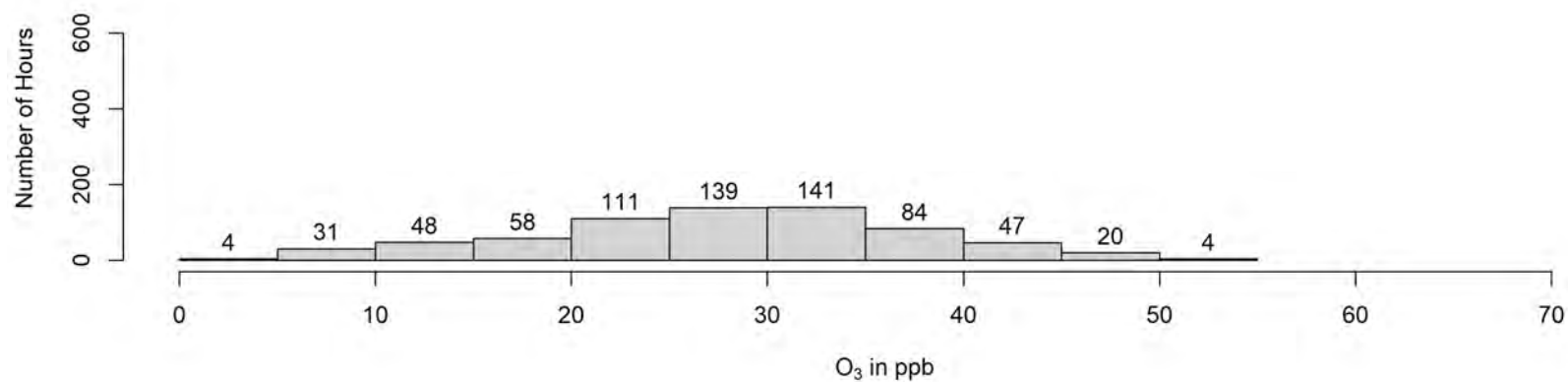
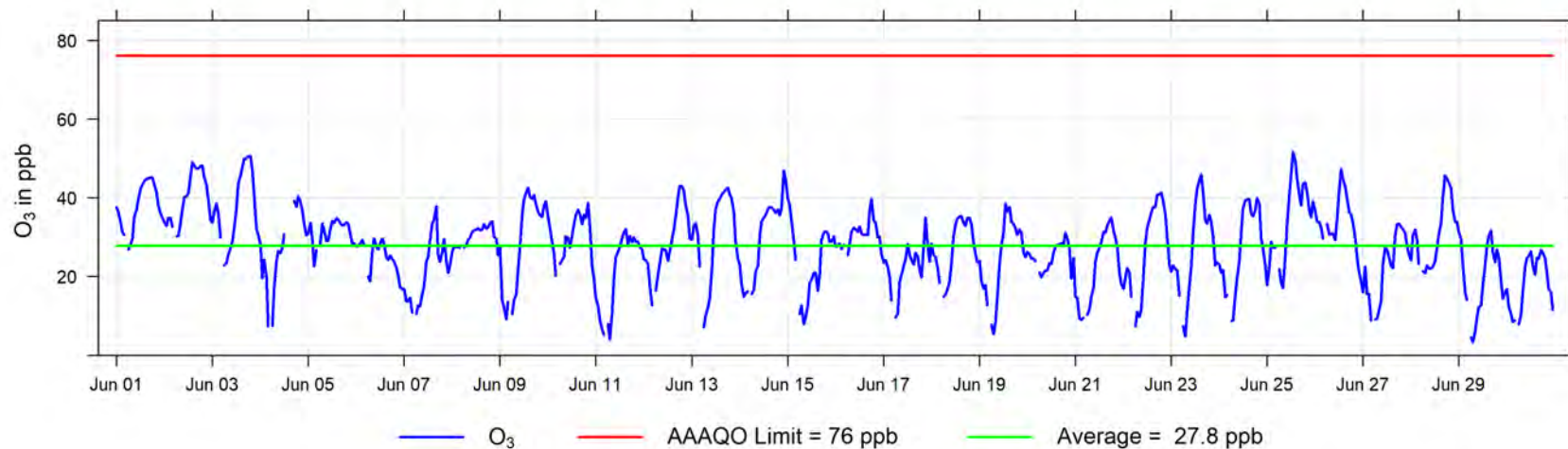
June 2026 Hourly Concentration Readings of NO_x (in ppb) at Beaverlodge



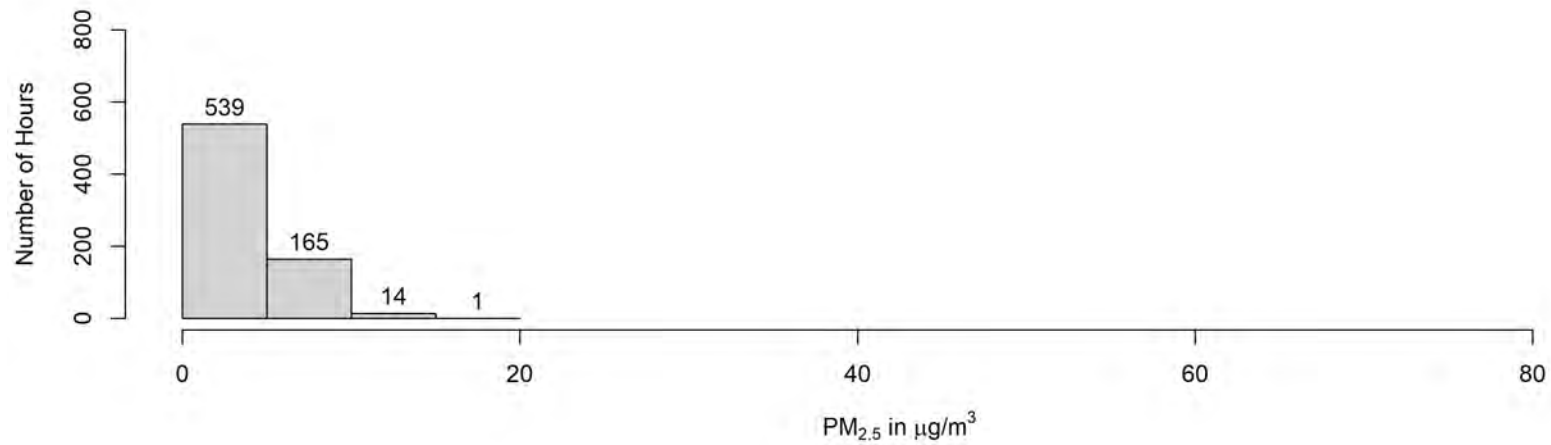
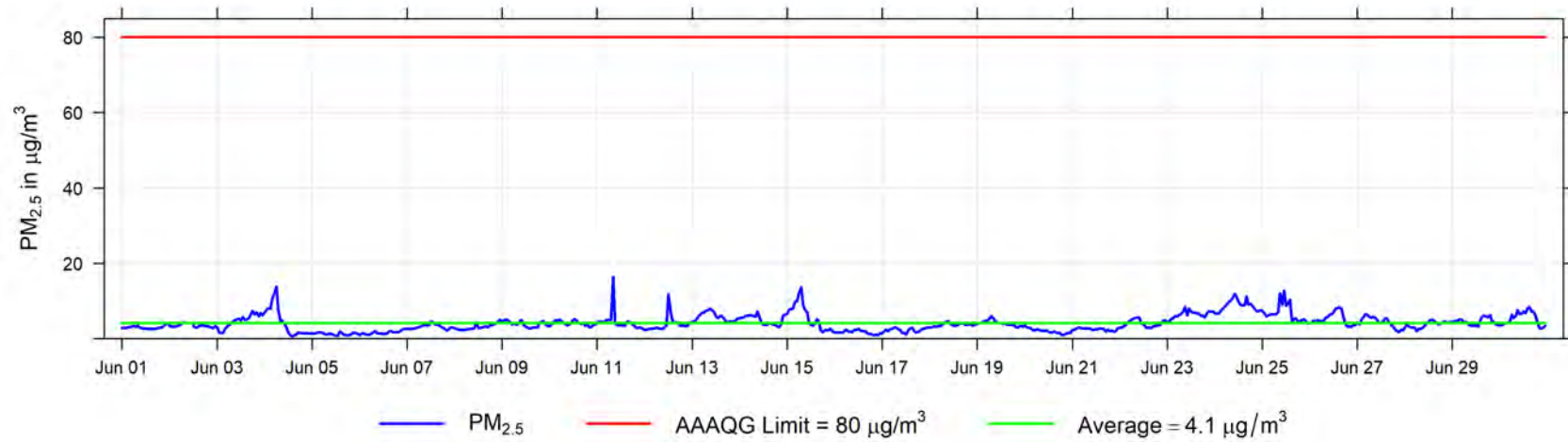
June 2026 Hourly Concentration Readings of NO₂ (in ppb) at Beaverlodge



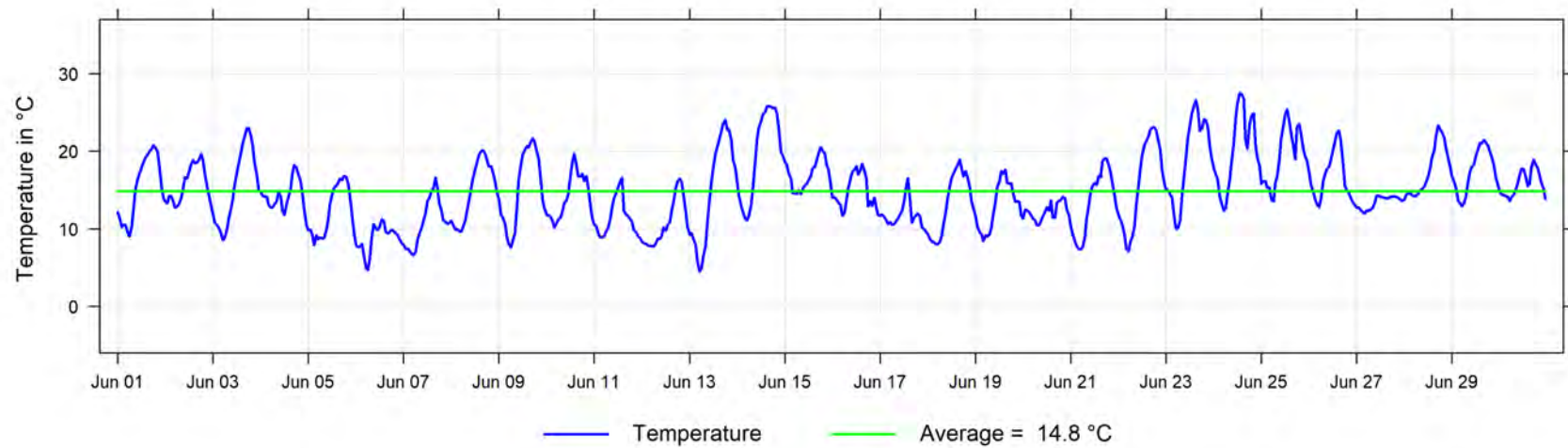
June 2026 Hourly Concentration Readings of O₃ (in ppb) at Beaverlodge



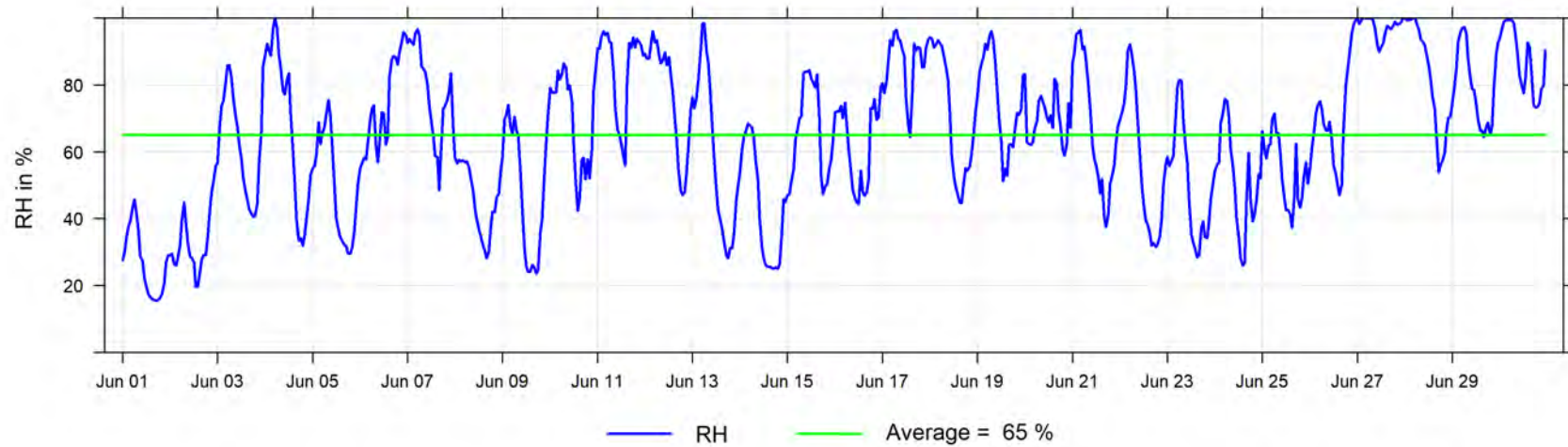
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Beaverlodge



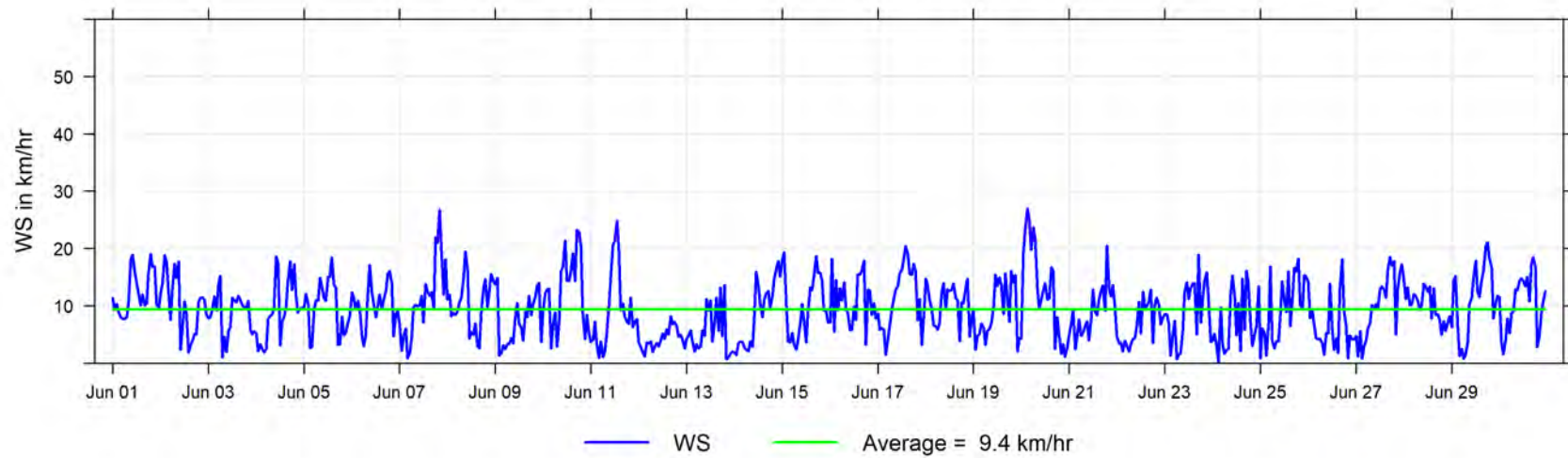
June 2026 Hourly Temperature Readings (in °C) at Beaverlodge



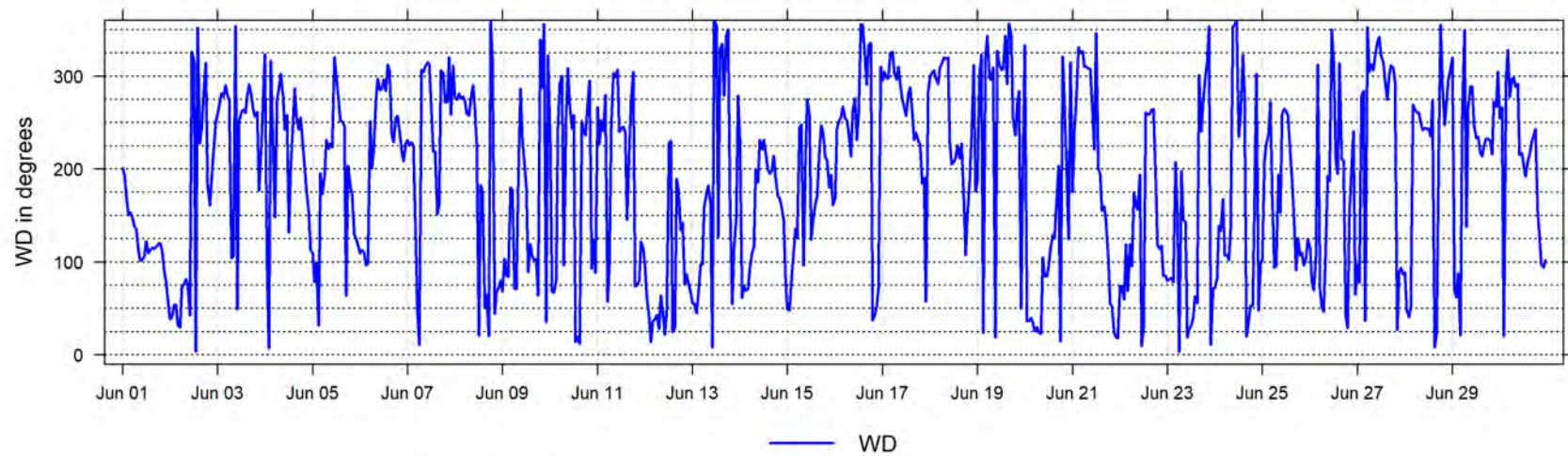
June 2026 Hourly Readings of Relative Humidity (in %) at Beaverlodge



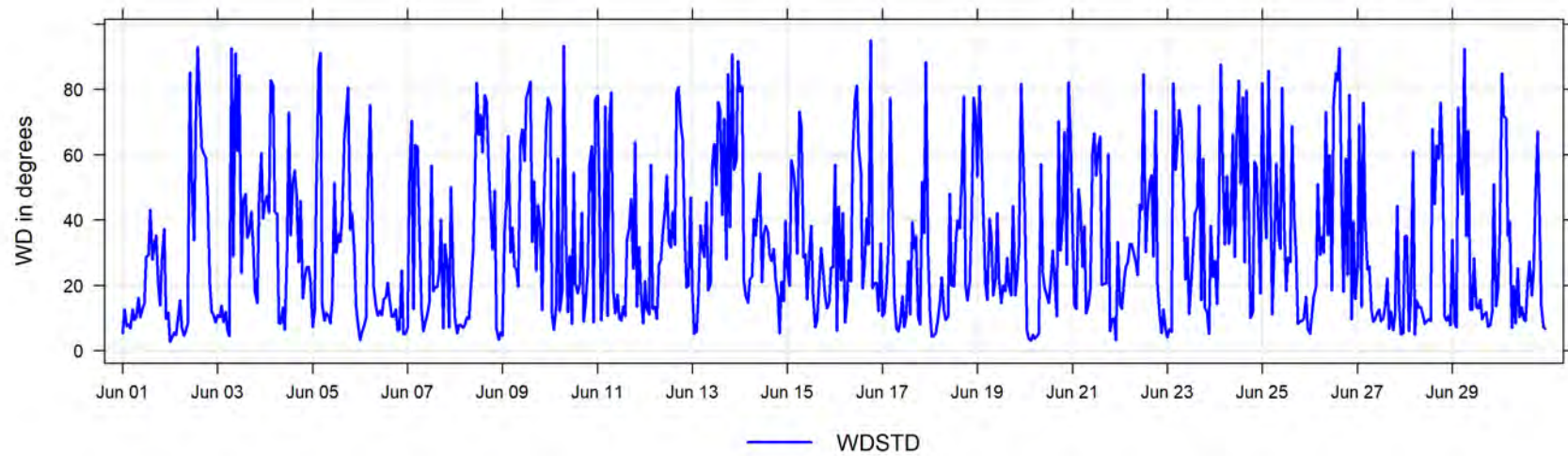
June 2026 Hourly Readings of Wind Speed (in km/hr) at Beaverlodge

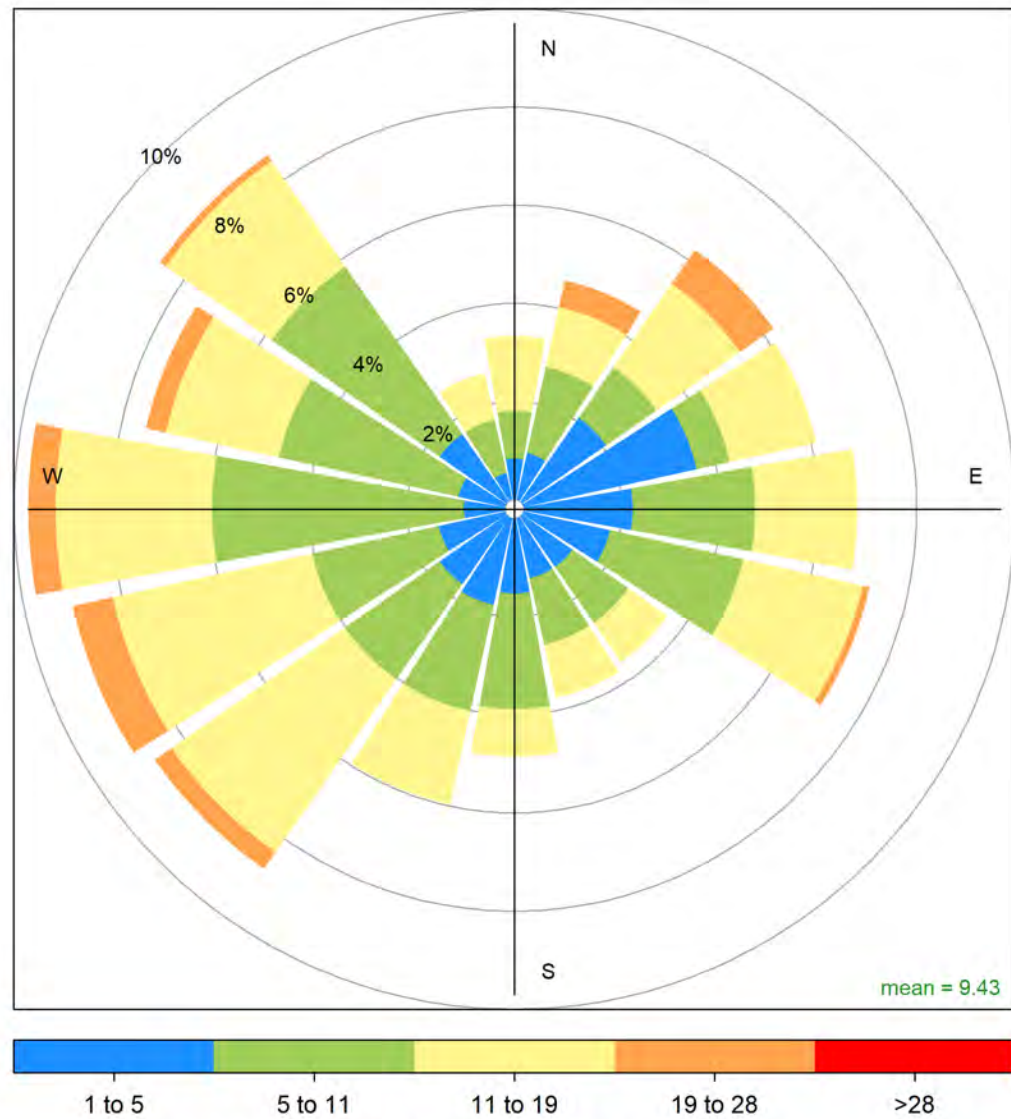


June 2026 Hourly Readings of Wind Direction (in degrees) at Beaverlodge



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



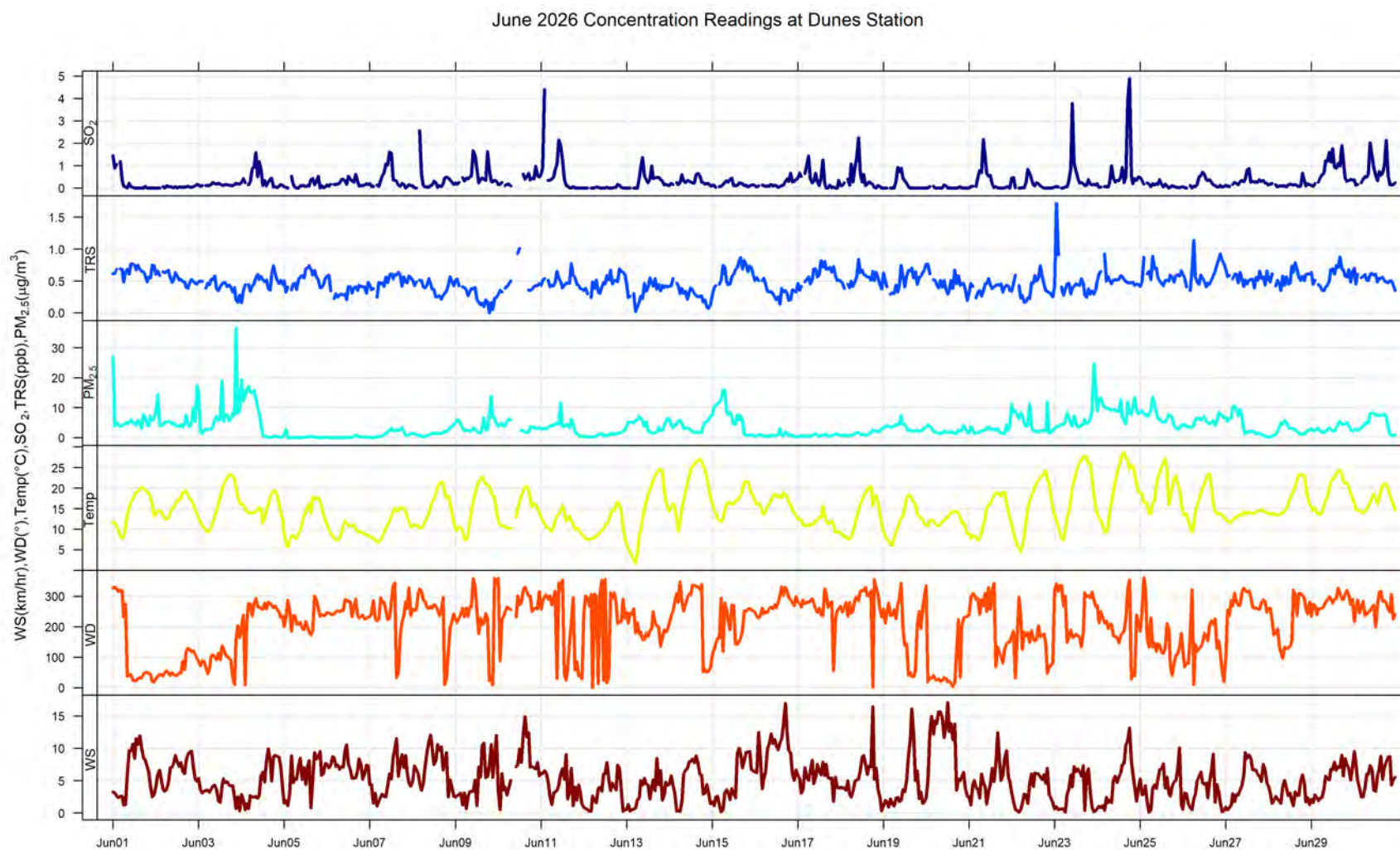


Beaverlodge June 2026 Wind Rose, wind speed in km/hr

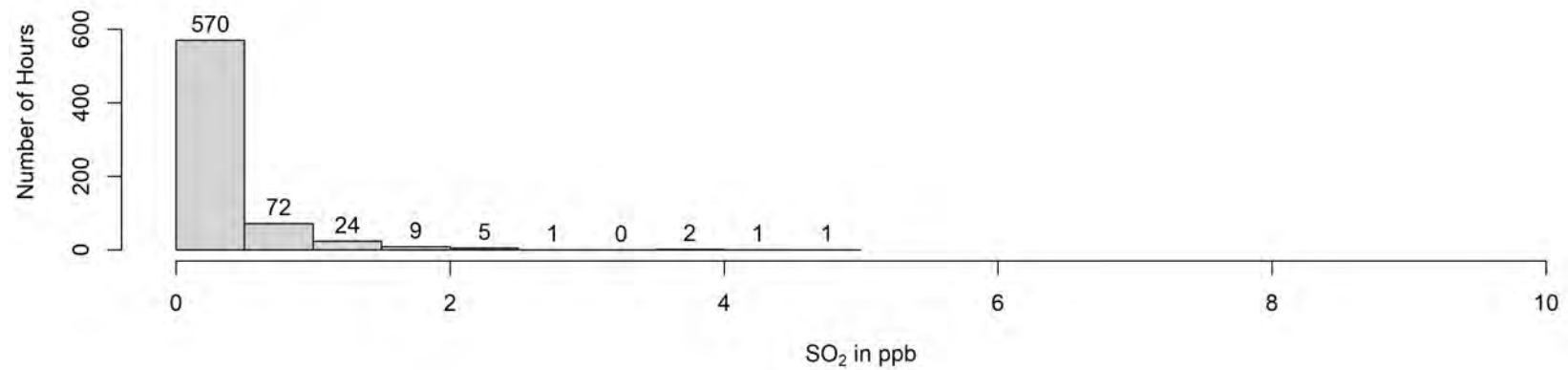
Calms (<1km/hr) = 1.4 %

3 Dunes Charts

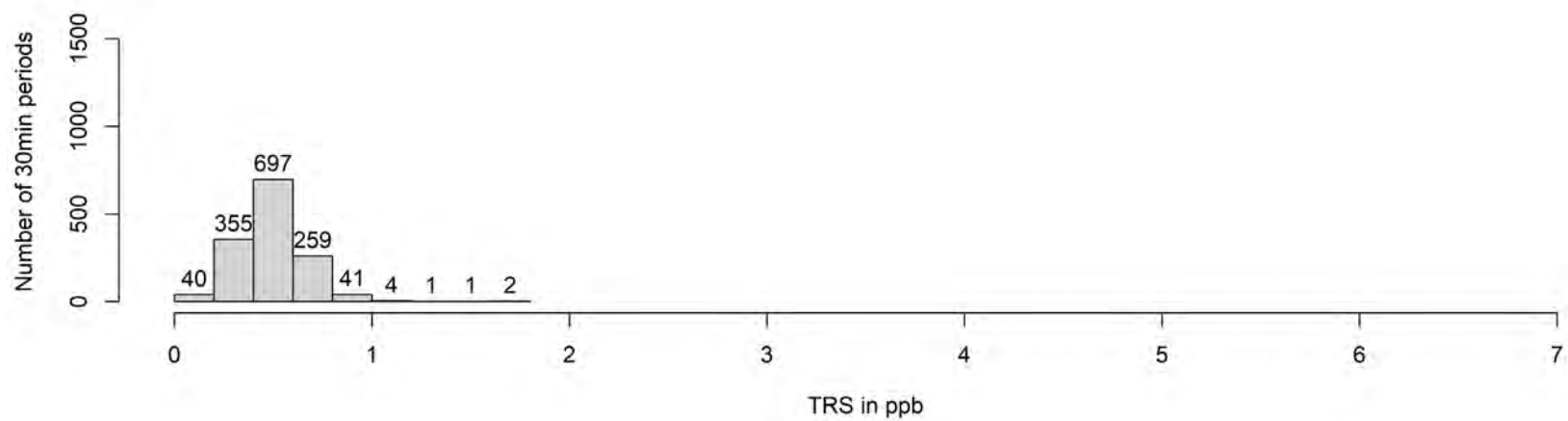
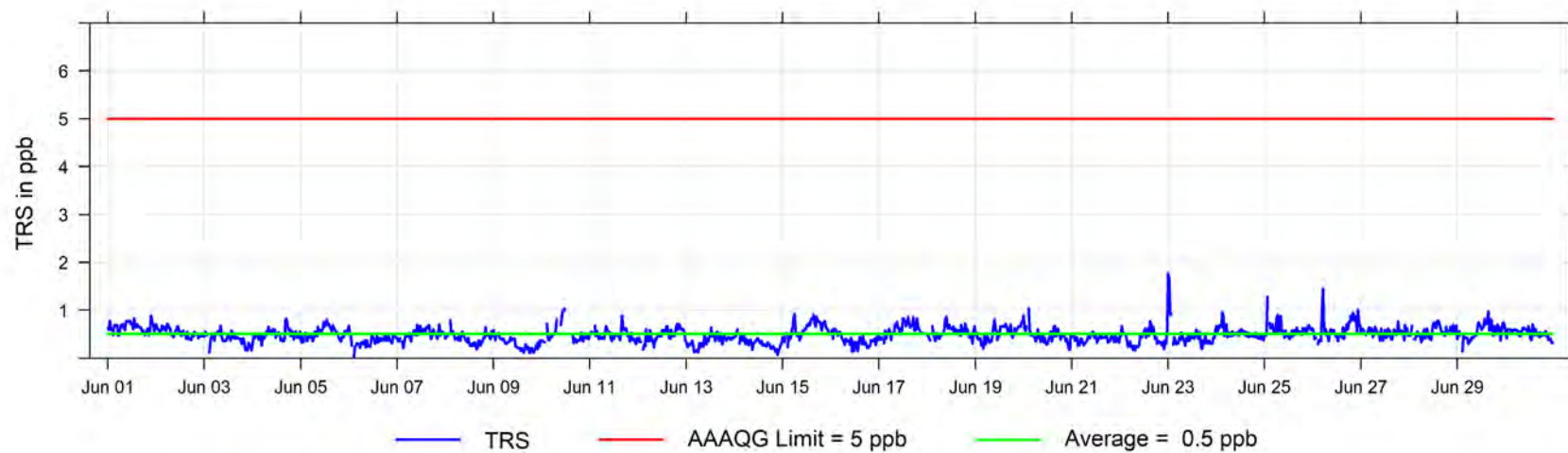
The following pages include the charts and histograms for Dunes Station



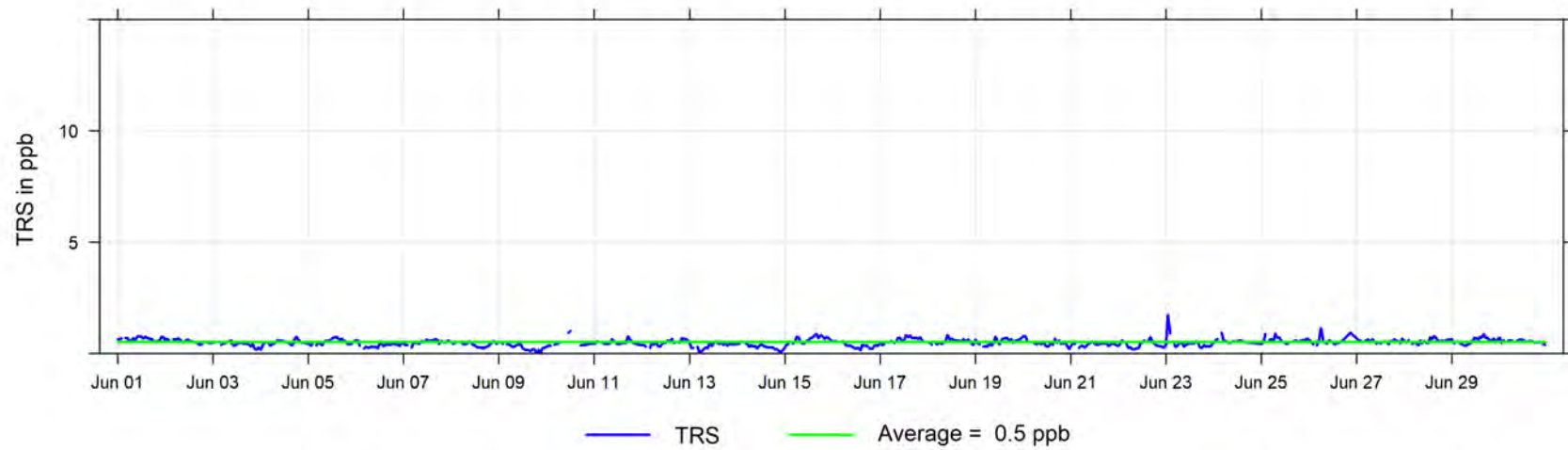
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Dunes



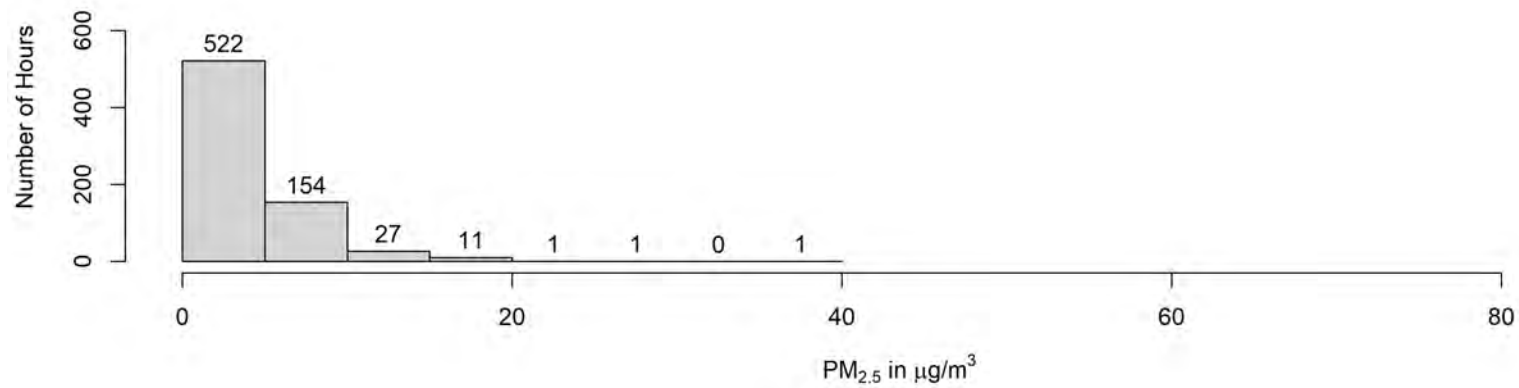
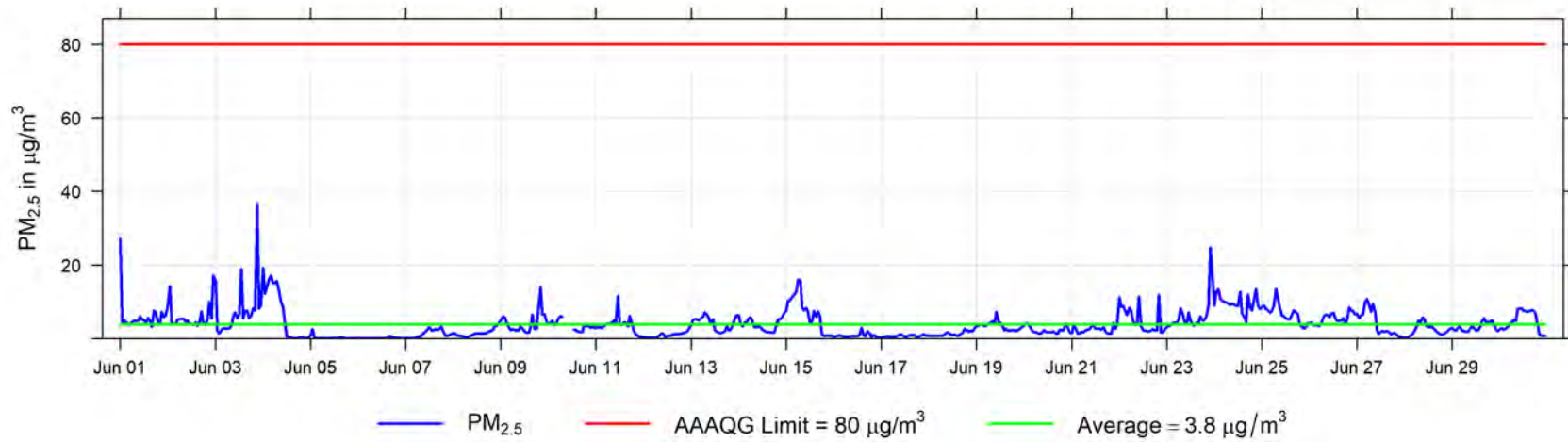
June 2026 30 min Concentration Readings of TRS (in ppb) at Dunes



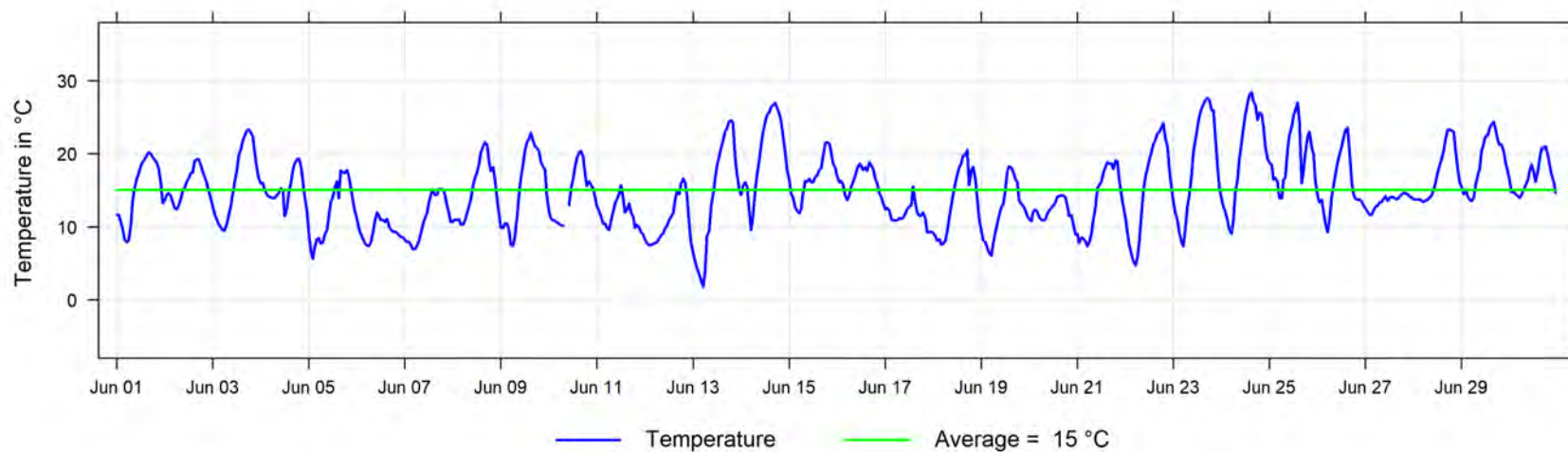
June 2026 Hourly Concentration Readings of TRS (in ppb) at Dunes



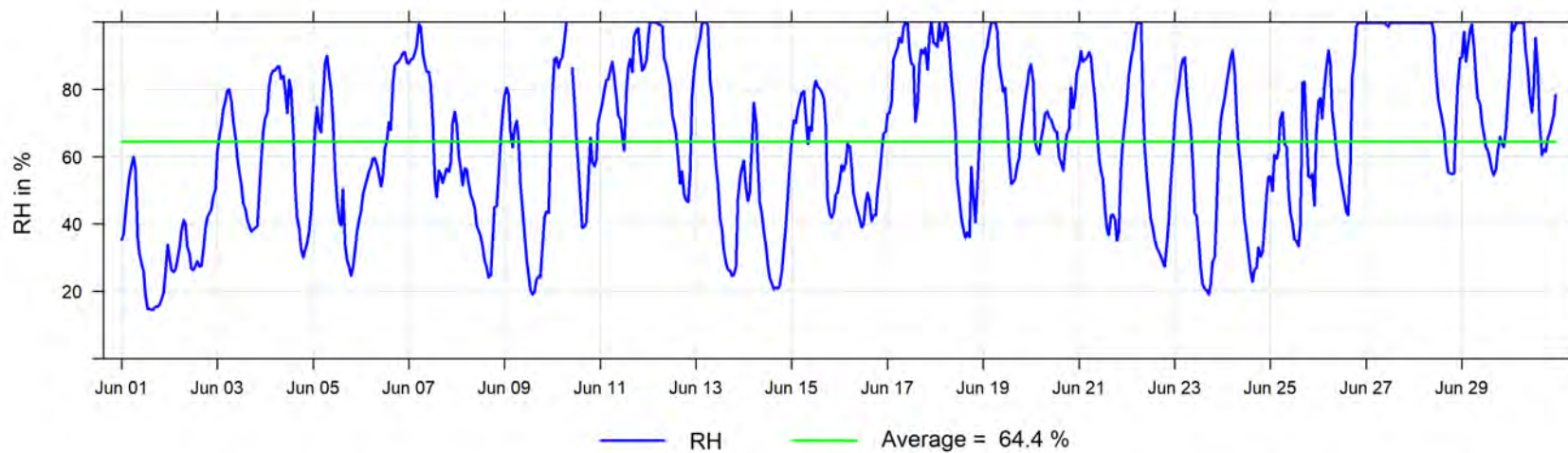
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Dunes



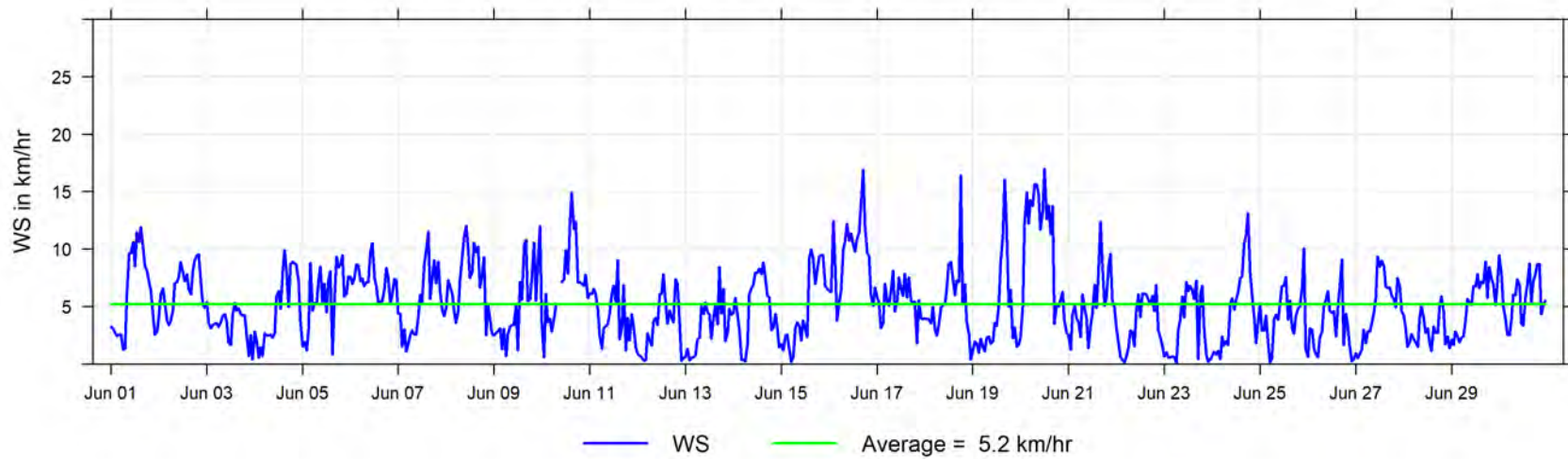
June 2026 Hourly Temperature Readings (in °C) at Dunes



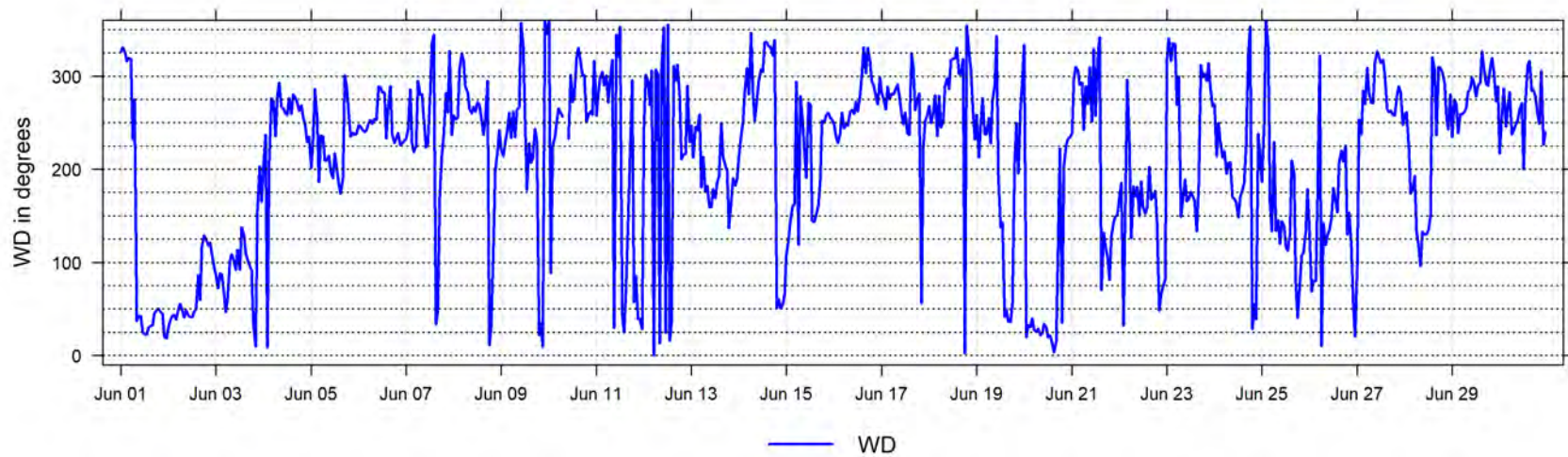
June 2026 Hourly Readings of Relative Humidity (in %) at Dunes



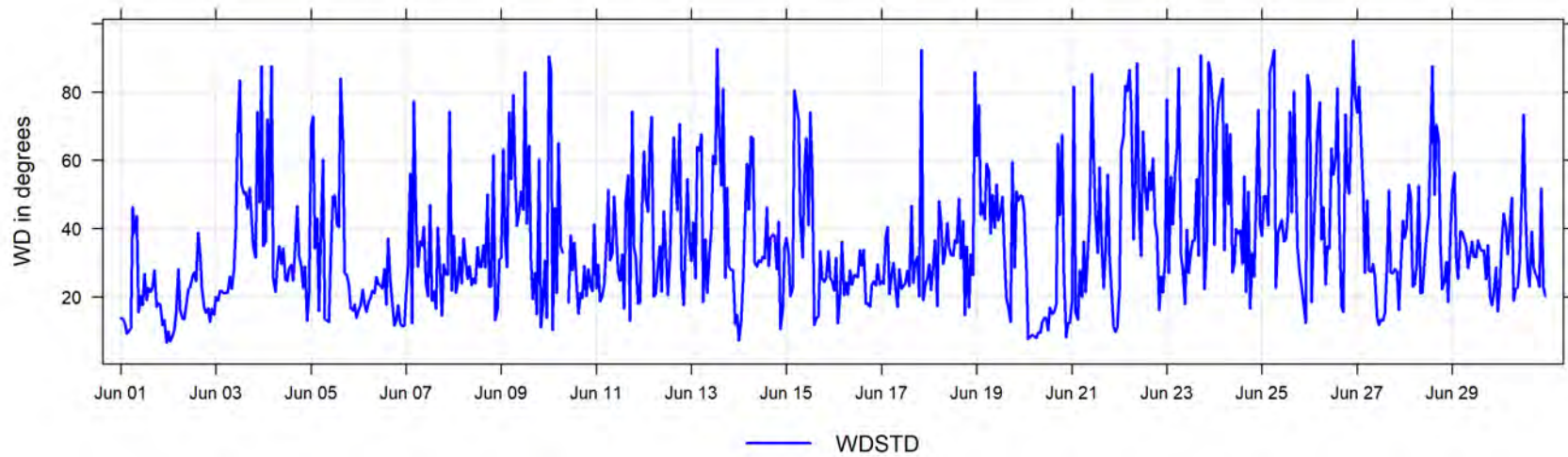
June 2026 Hourly Readings of Wind Speed (in km/hr) at Dunes

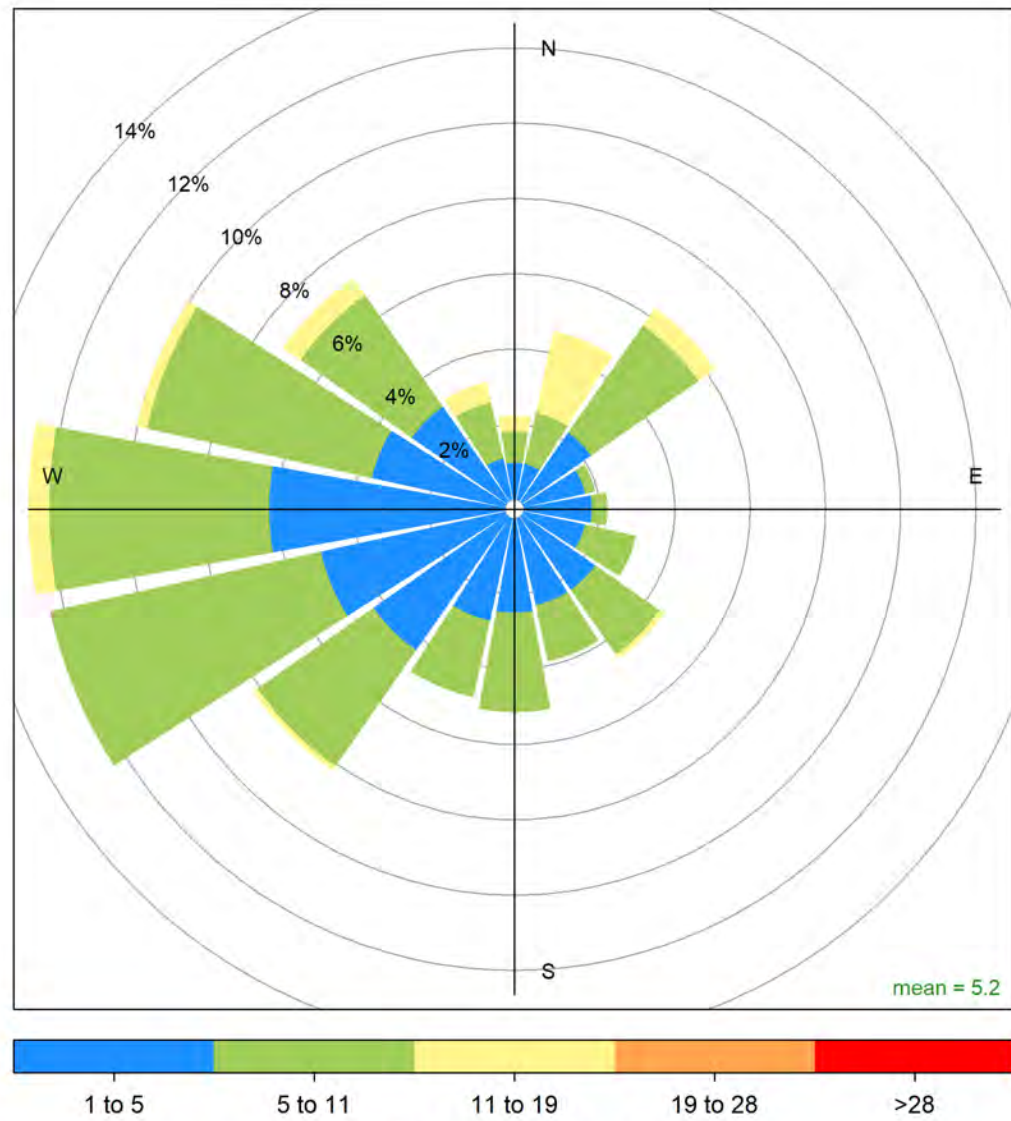


June 2026 Hourly Readings of Wind Direction (in degrees) at Dunes



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



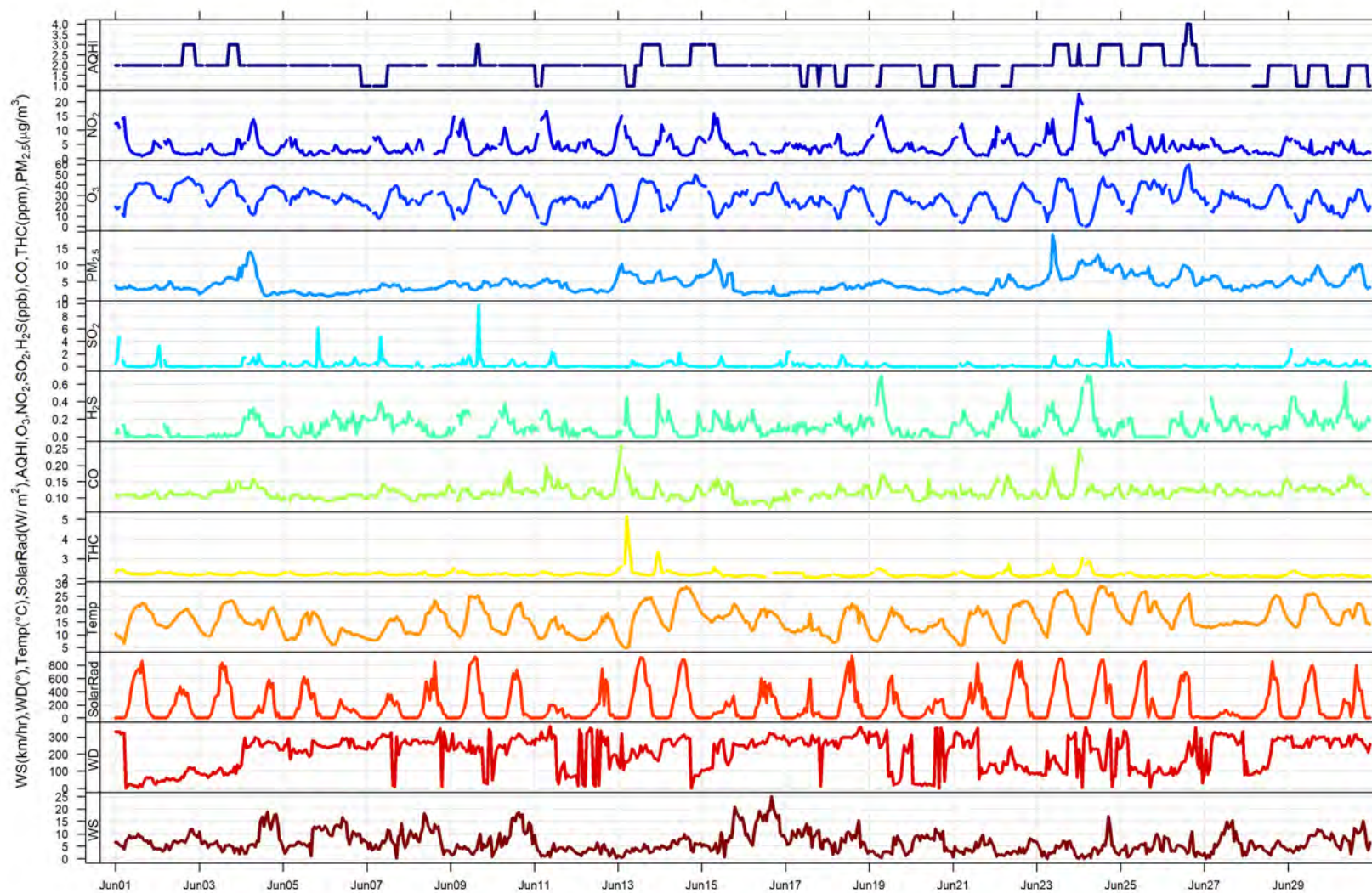


Dunes June 2026 Wind Rose, wind speed in km/hr

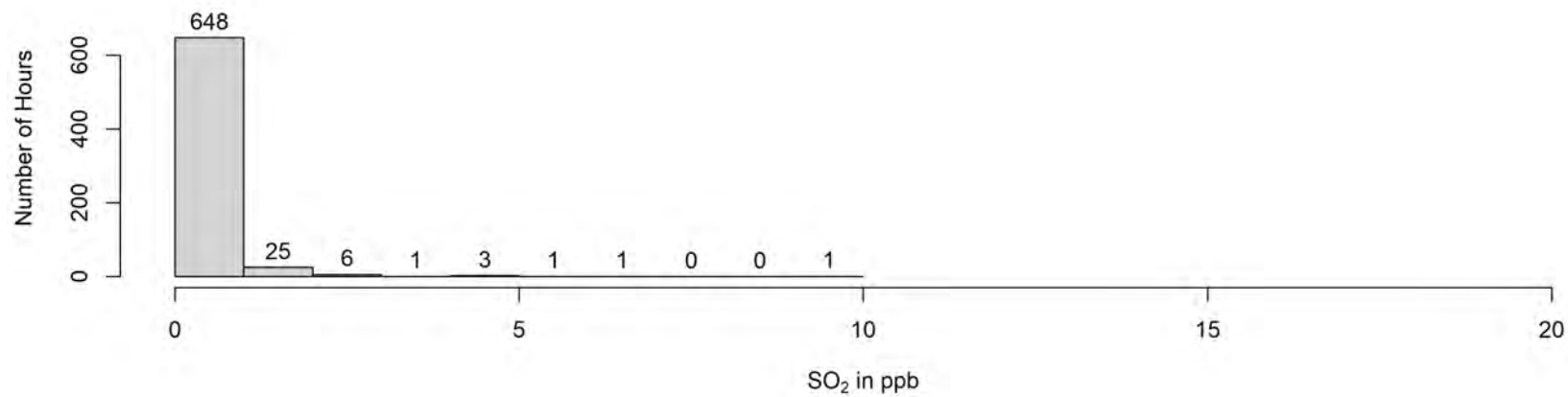
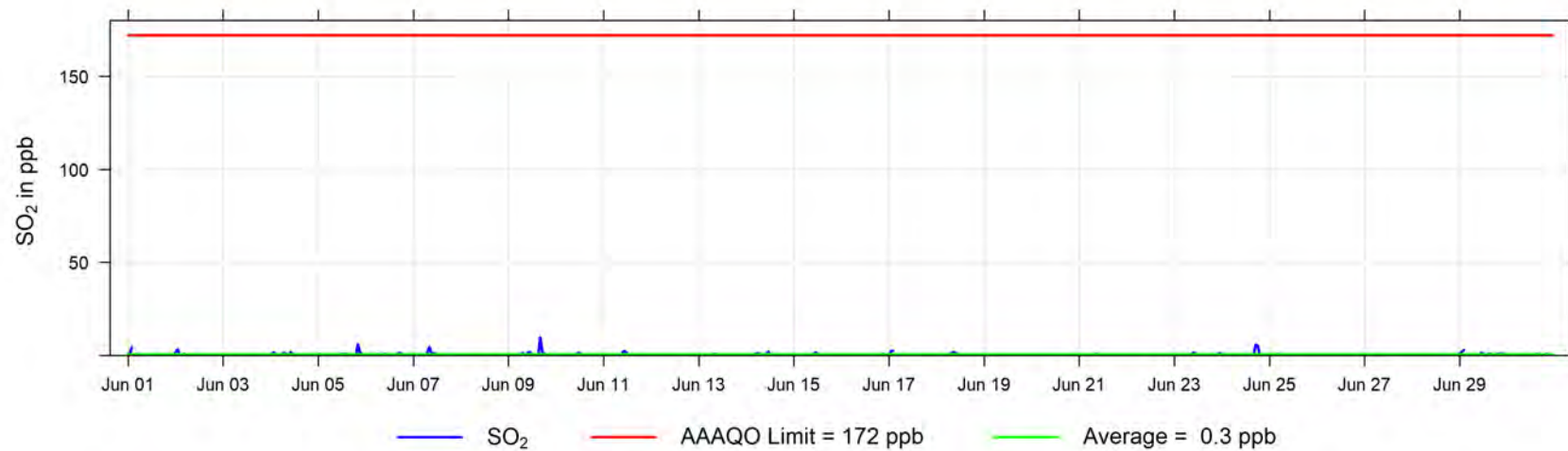
Calms (<1km/hr) = 7.5 %

4 Grande Prairie - Henry Pirker Charts

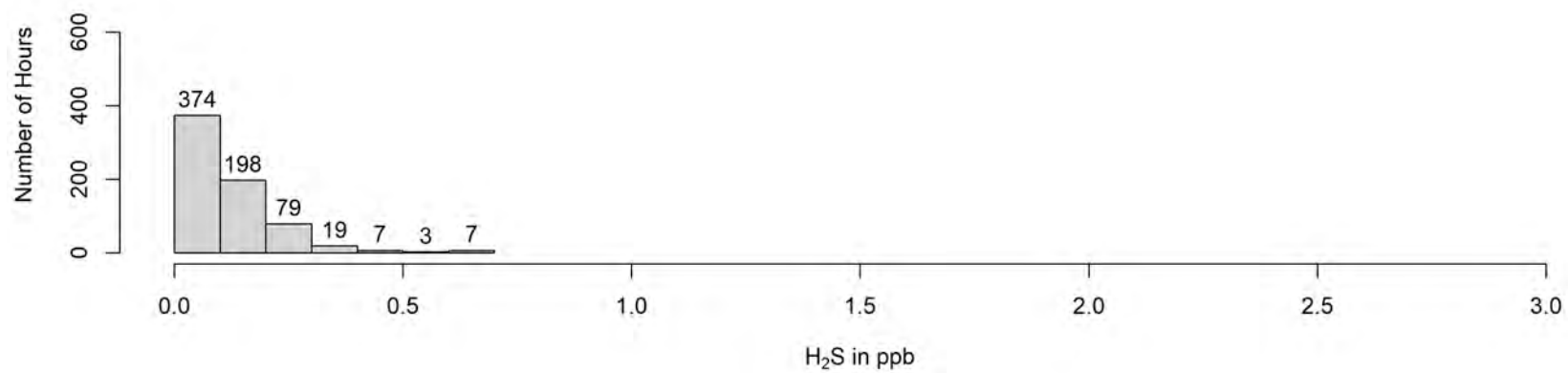
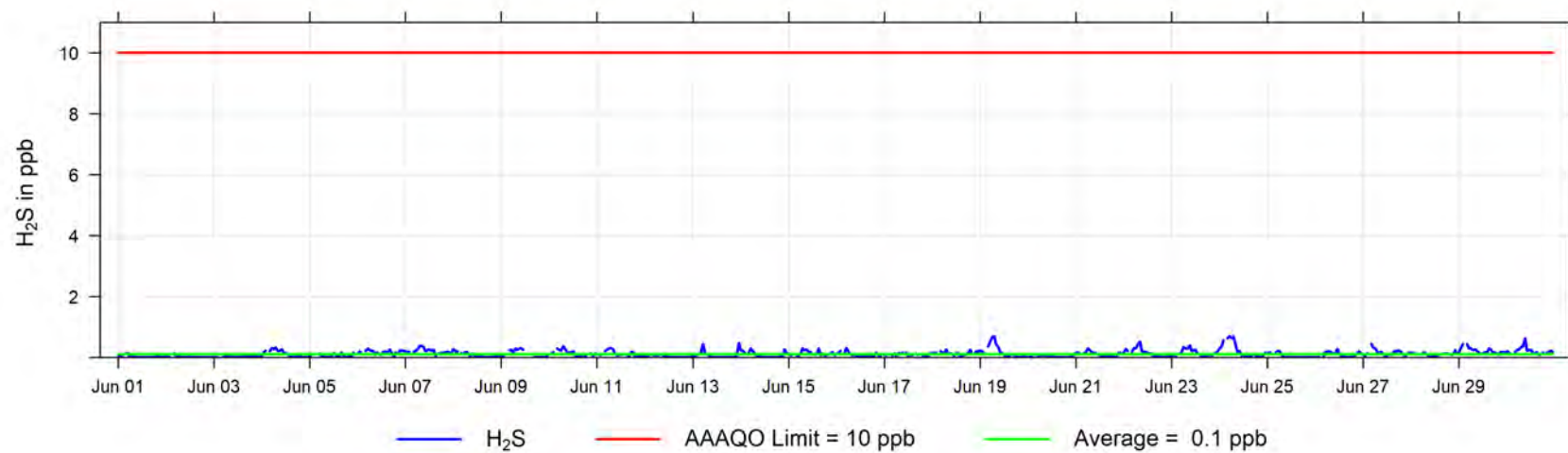
June 2026 Concentration Readings at Henry Pirker Station



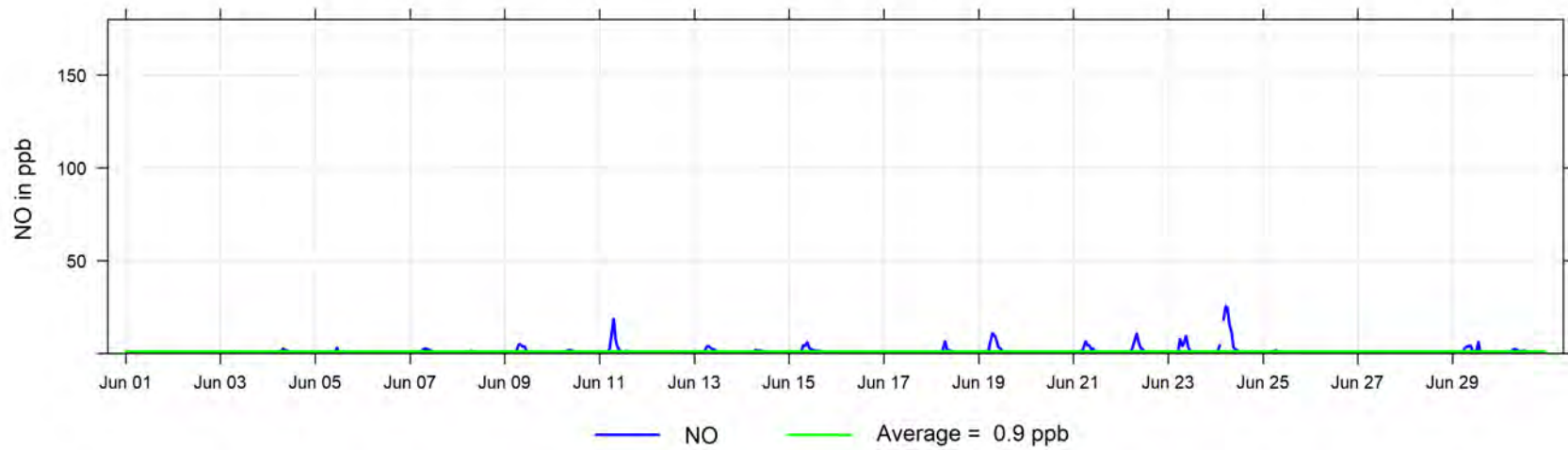
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Henry Pirker



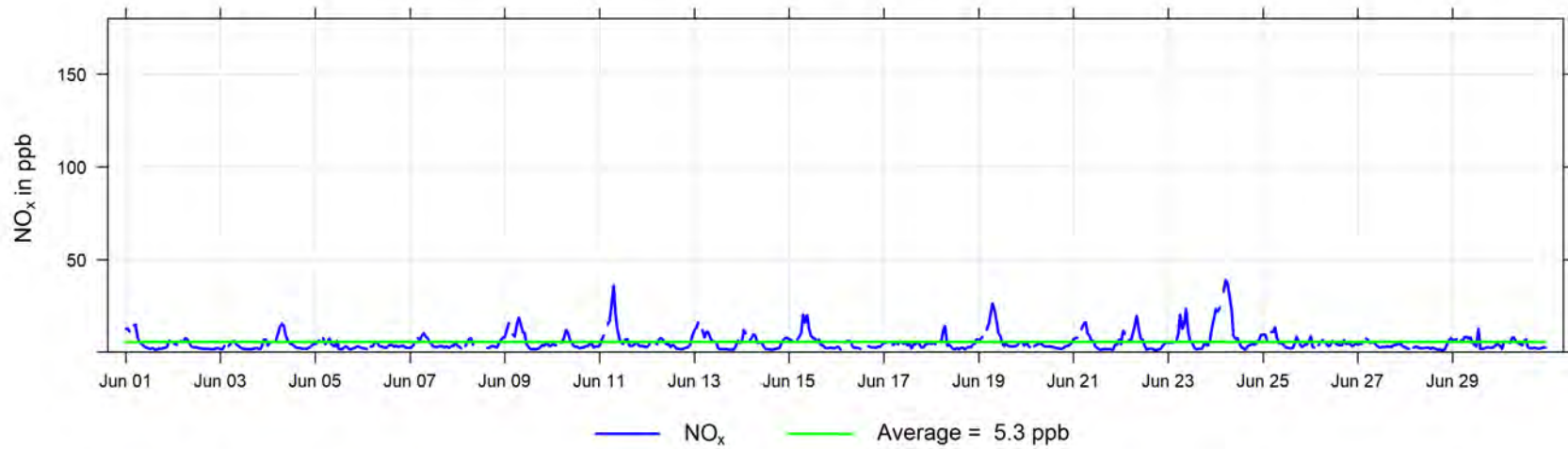
June 2026 Hourly Concentration Readings of H₂S (in ppb) at Henry Pirker



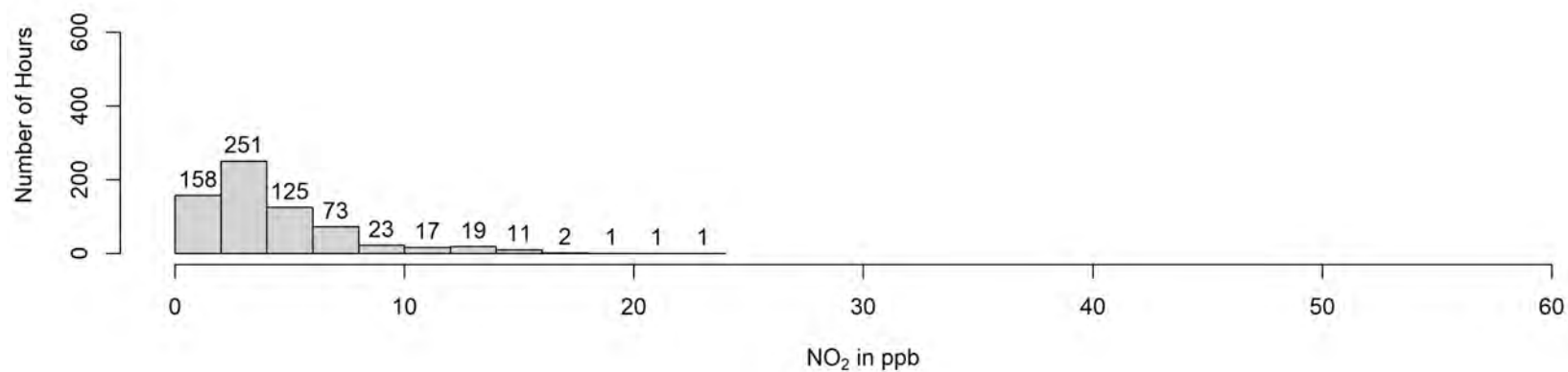
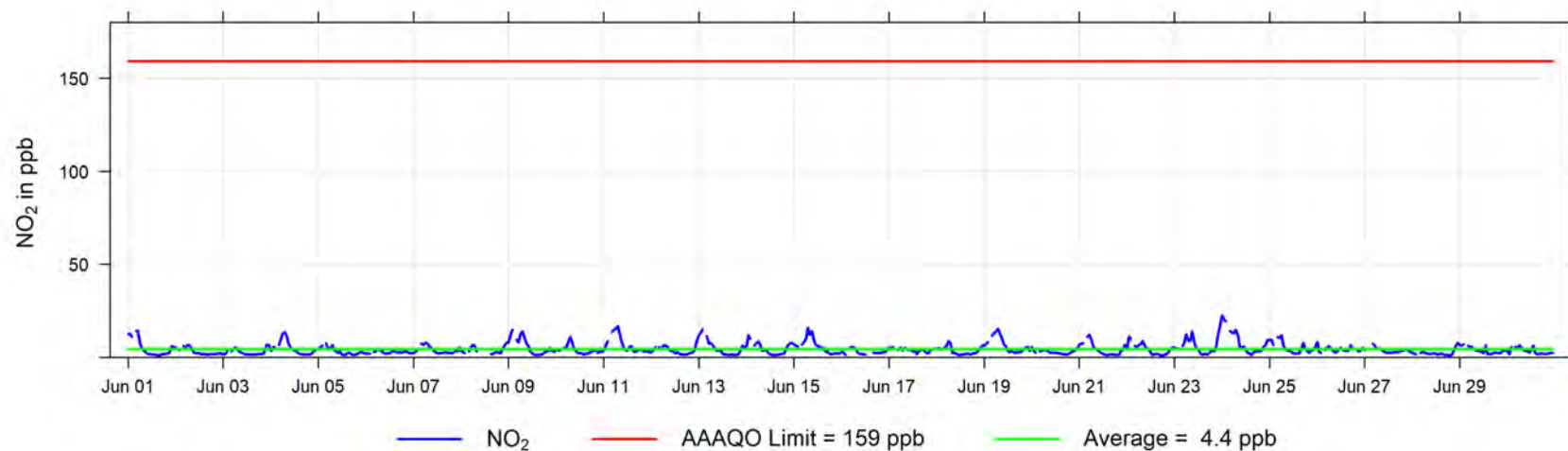
June 2026 Hourly Concentration Readings of NO (in ppb) at Henry Pirker



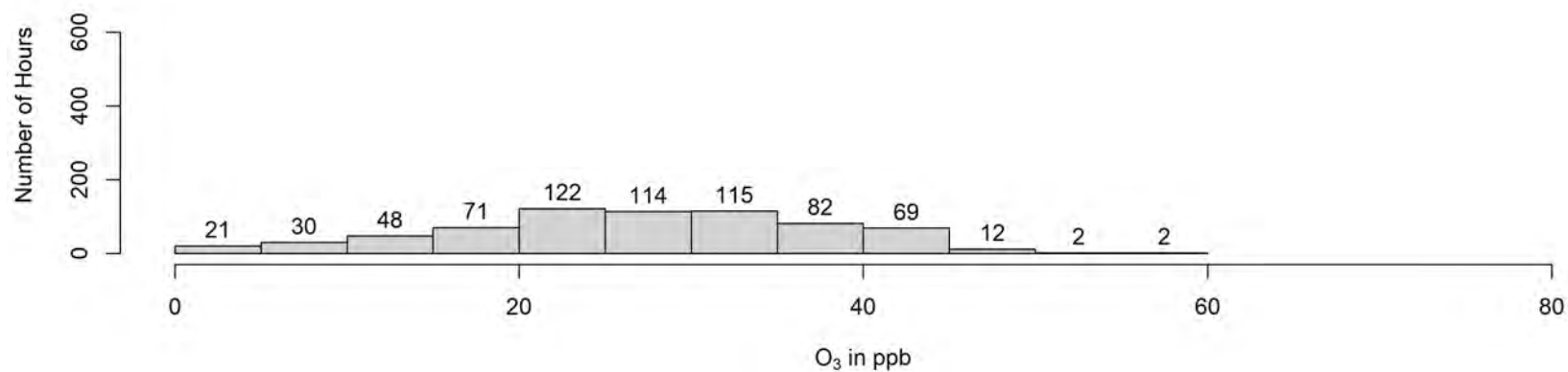
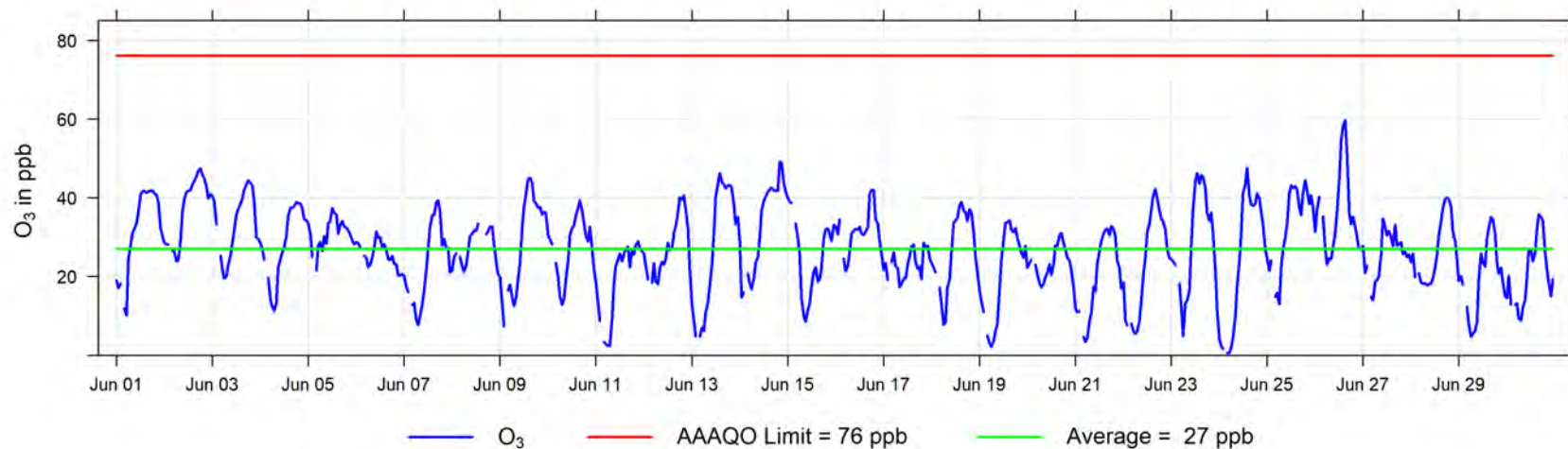
June 2026 Hourly Concentration Readings of NO_x (in ppb) at Henry Pirker



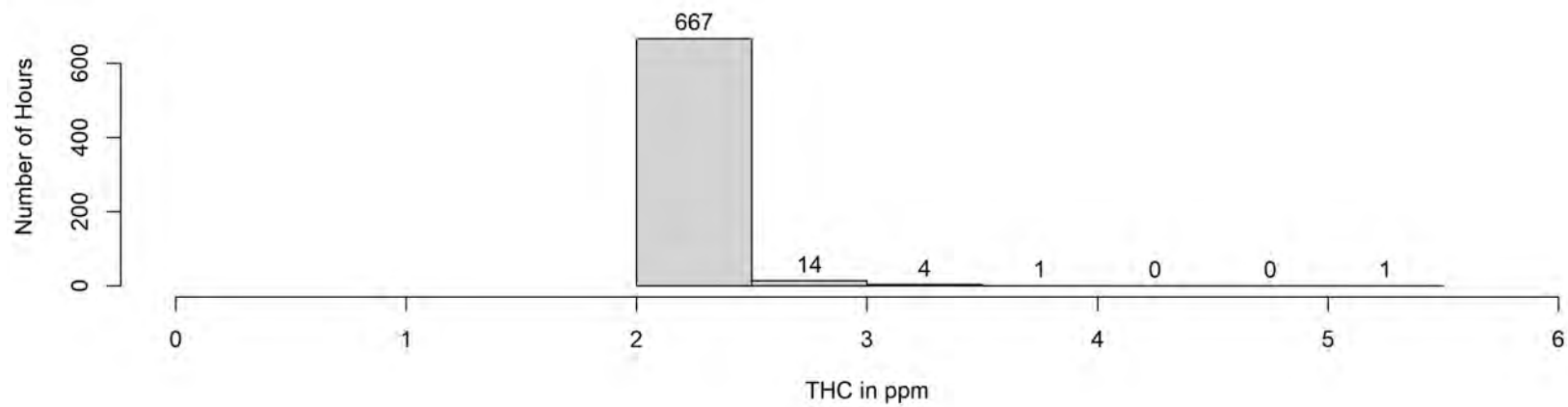
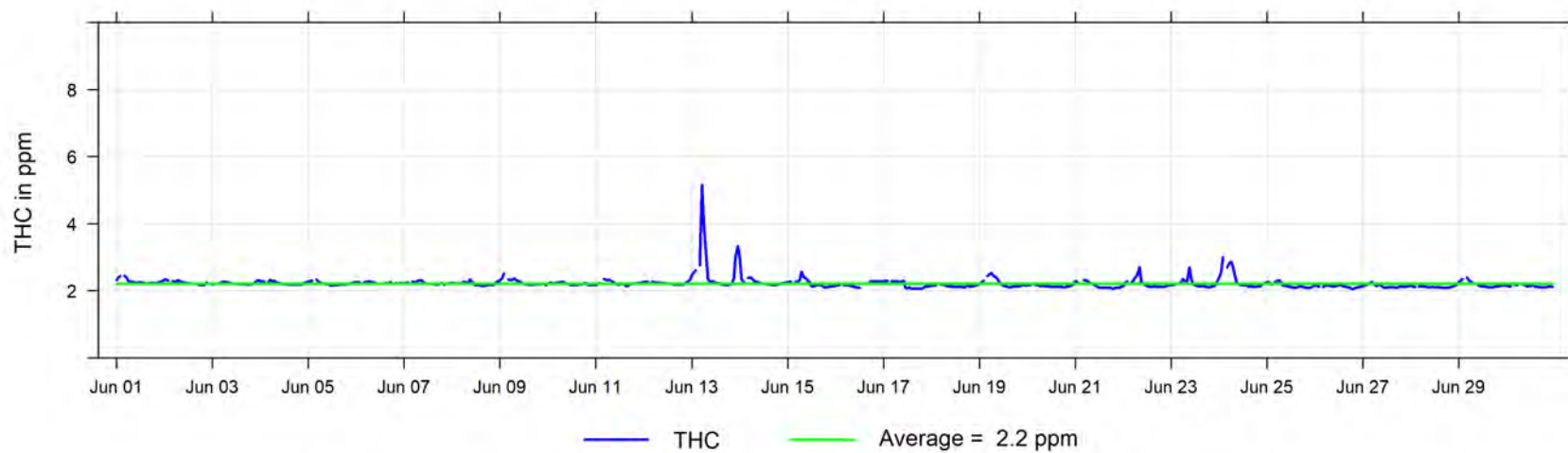
June 2026 Hourly Concentration Readings of NO₂ (in ppb) at Henry Pirker



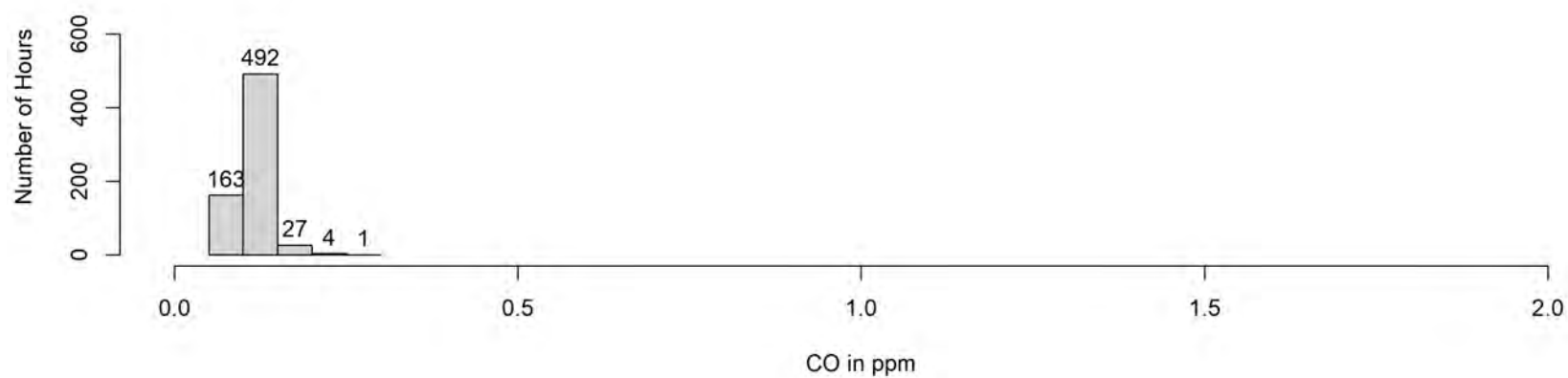
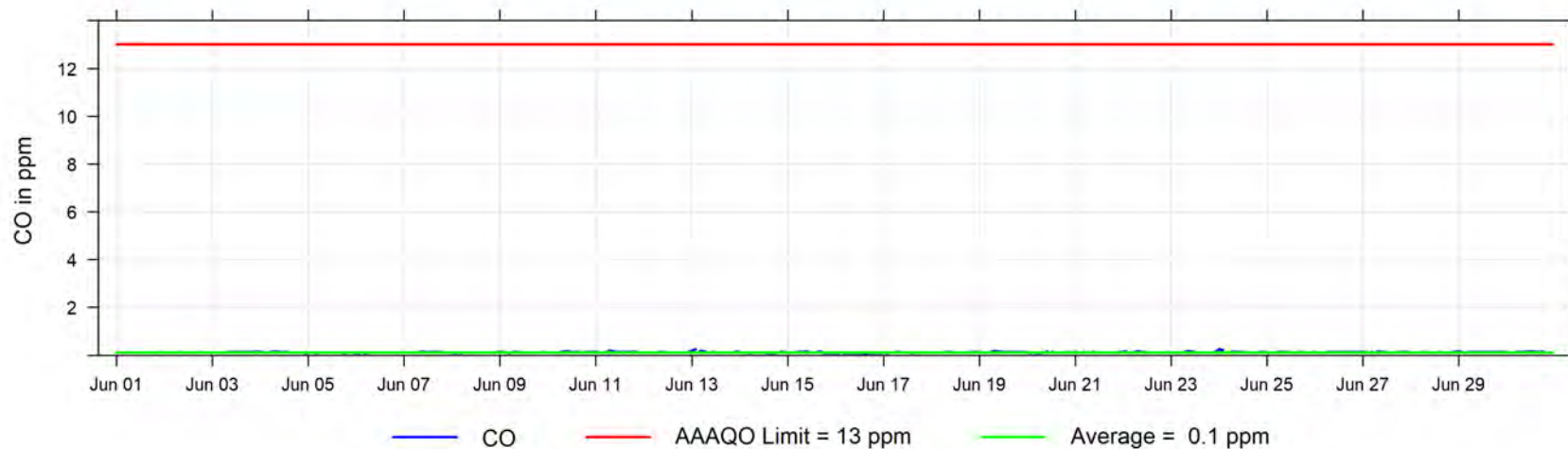
June 2026 Hourly Concentration Readings of O₃ (in ppb) at Henry Pirker



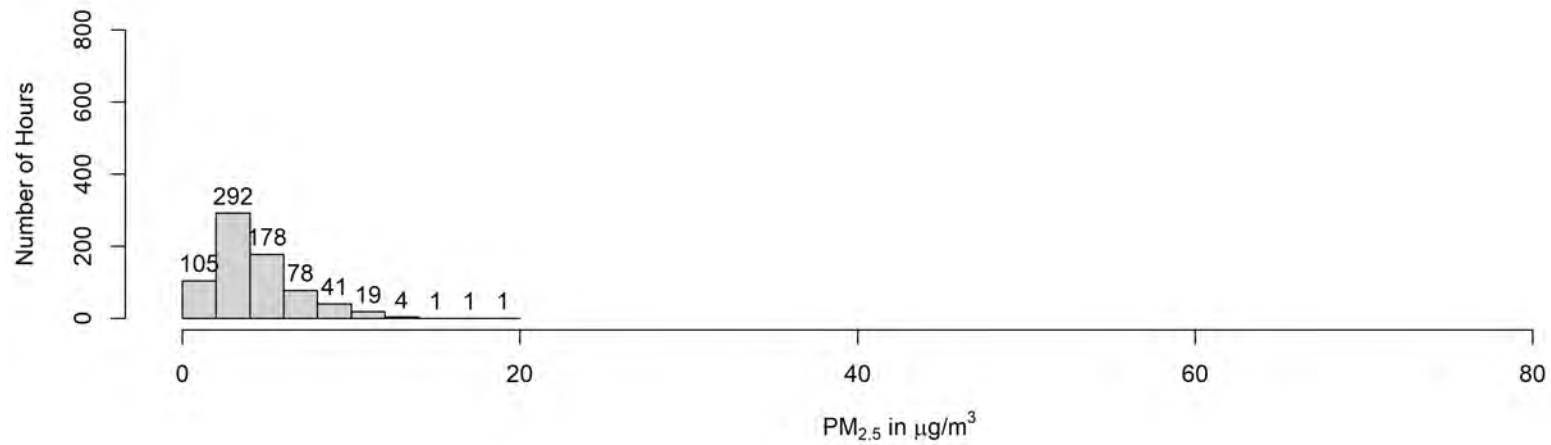
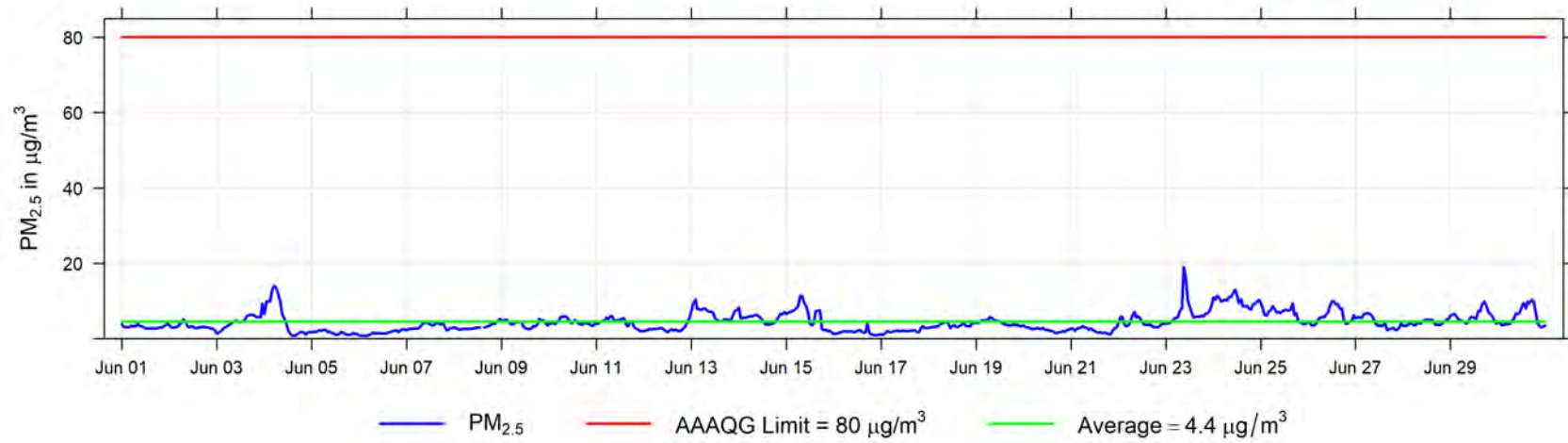
June 2026 Hourly Concentration Readings of THC (in ppm) at Henry Pirker



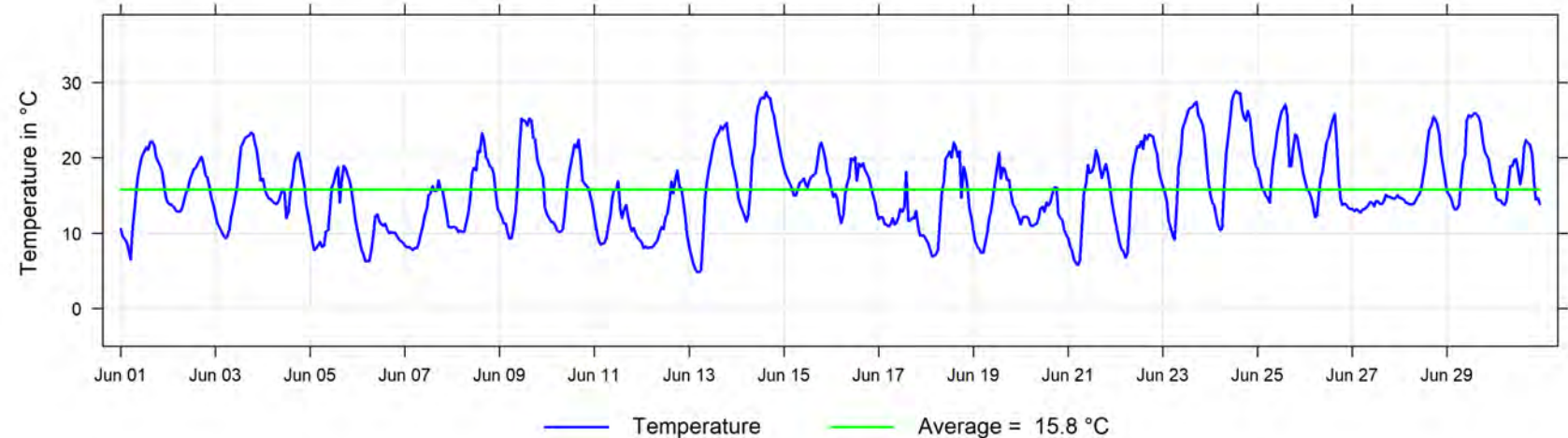
June 2026 Hourly Concentration Readings of CO (in ppm) at Henry Pirker



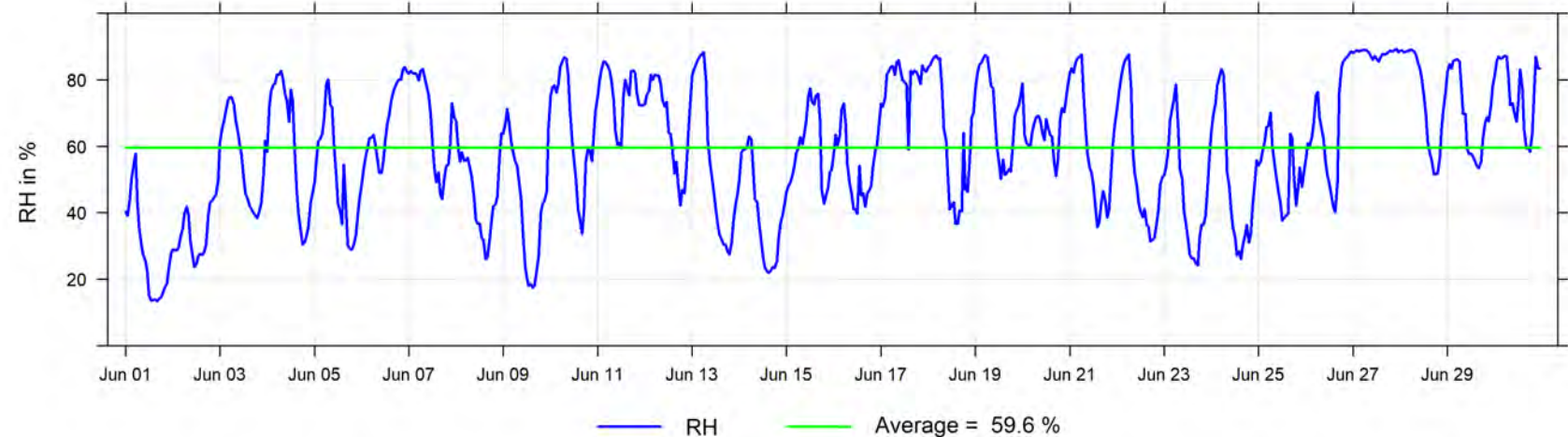
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Henry Pirker



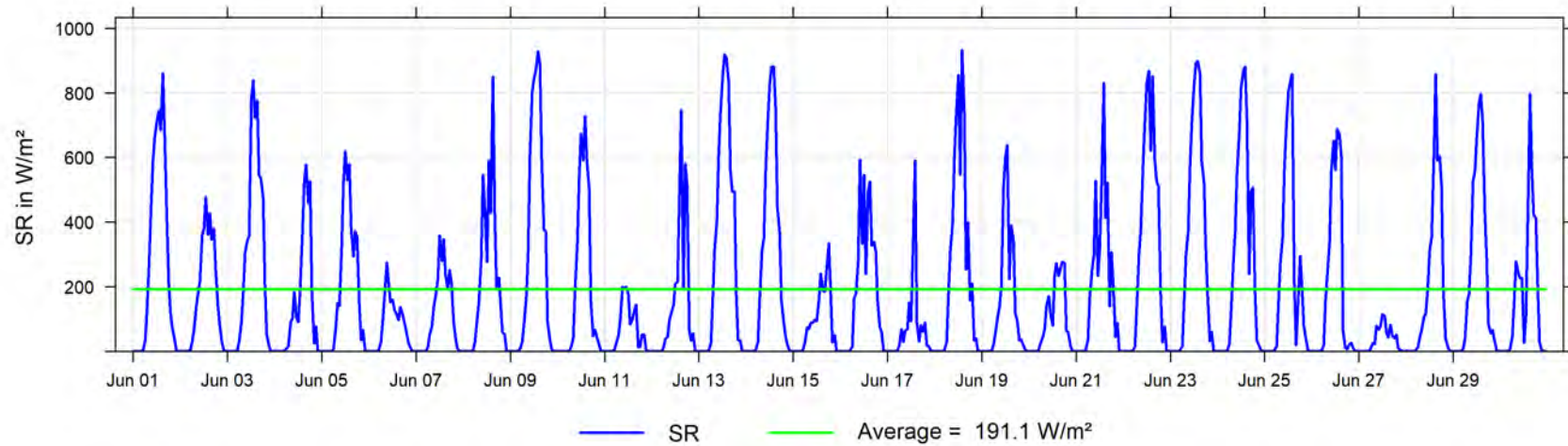
June 2026 Hourly Temperature Readings (in °C) at Henry Pirker



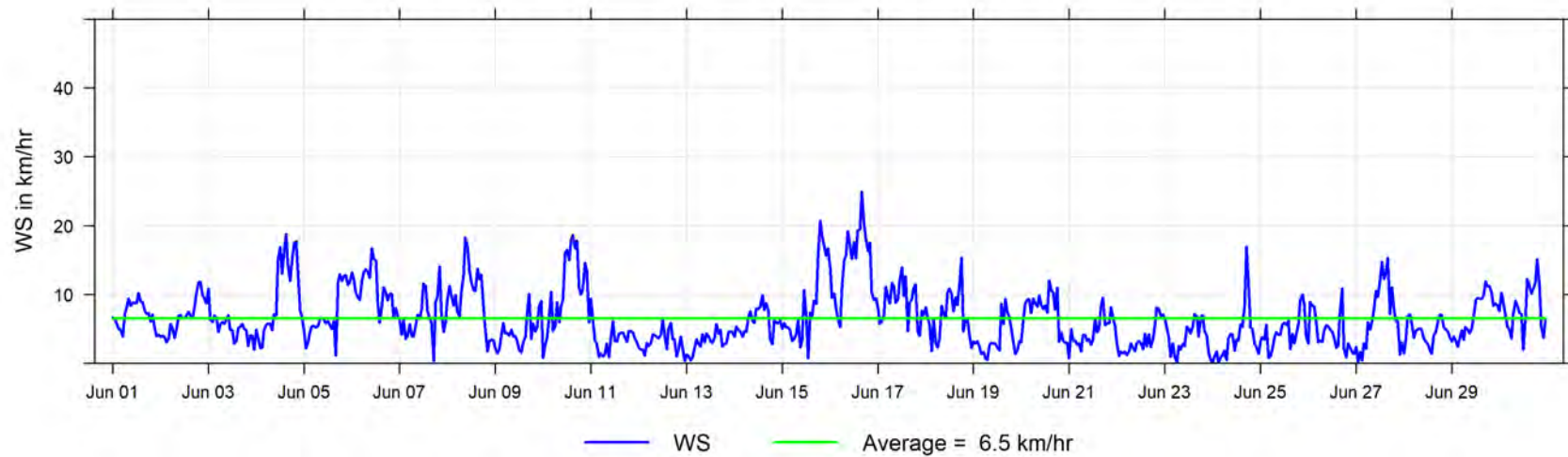
June 2026 Hourly Readings of Relative Humidity (in %) at Henry Pirker



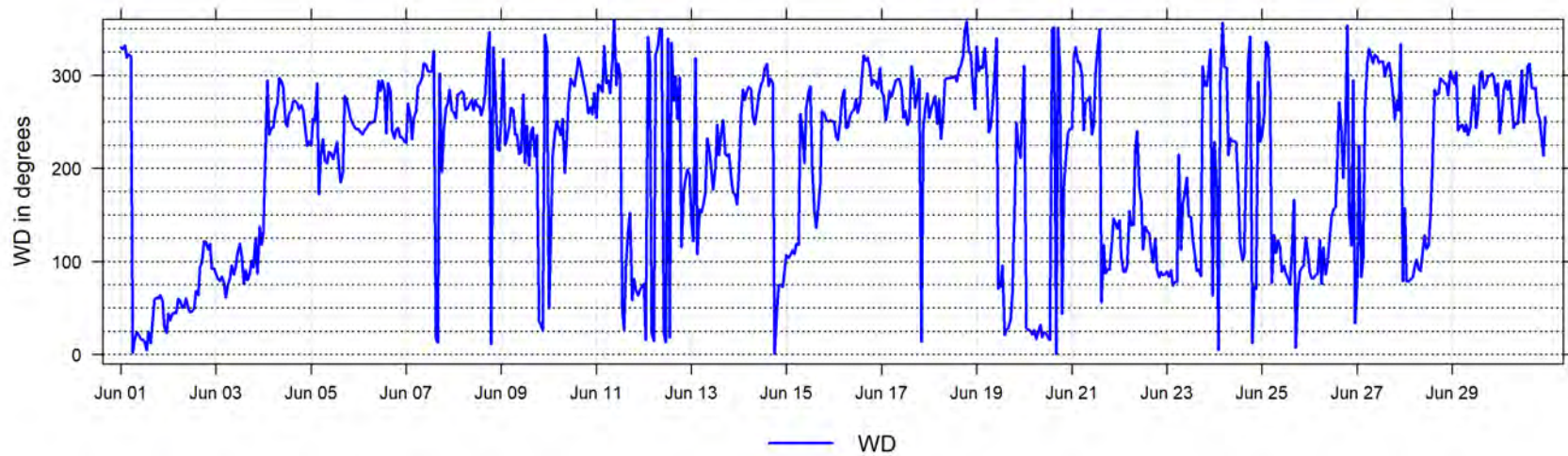
June 2026 Hourly Readings of Solar Radiation (in W/m²) at Henry Pirker



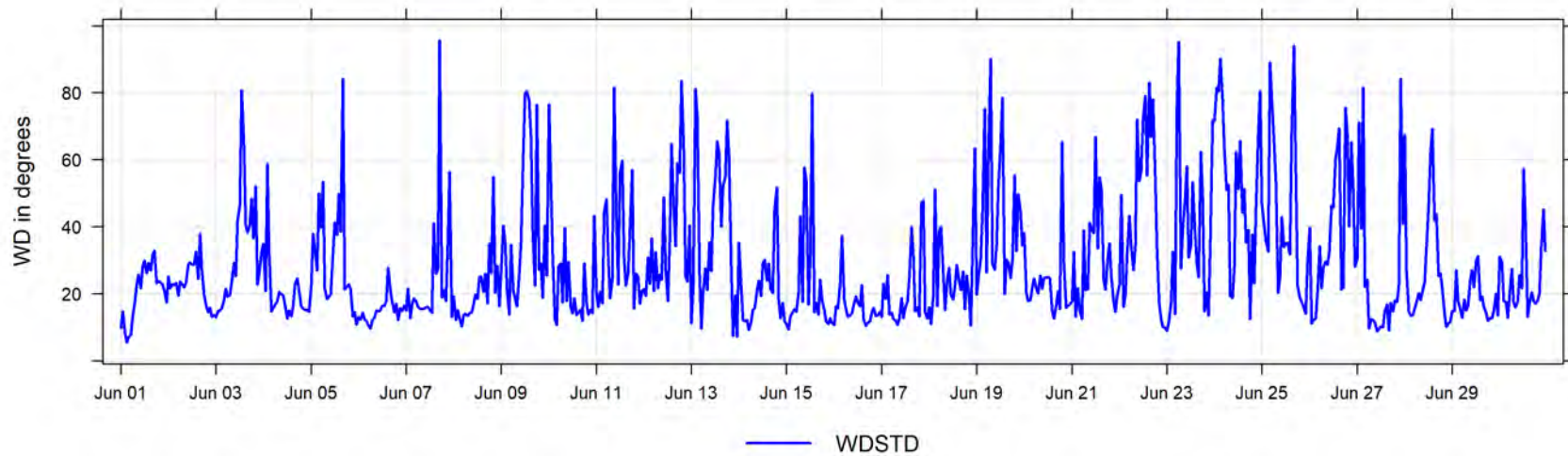
June 2026 Hourly Readings of Wind Speed (in km/hr) at Henry Pirker

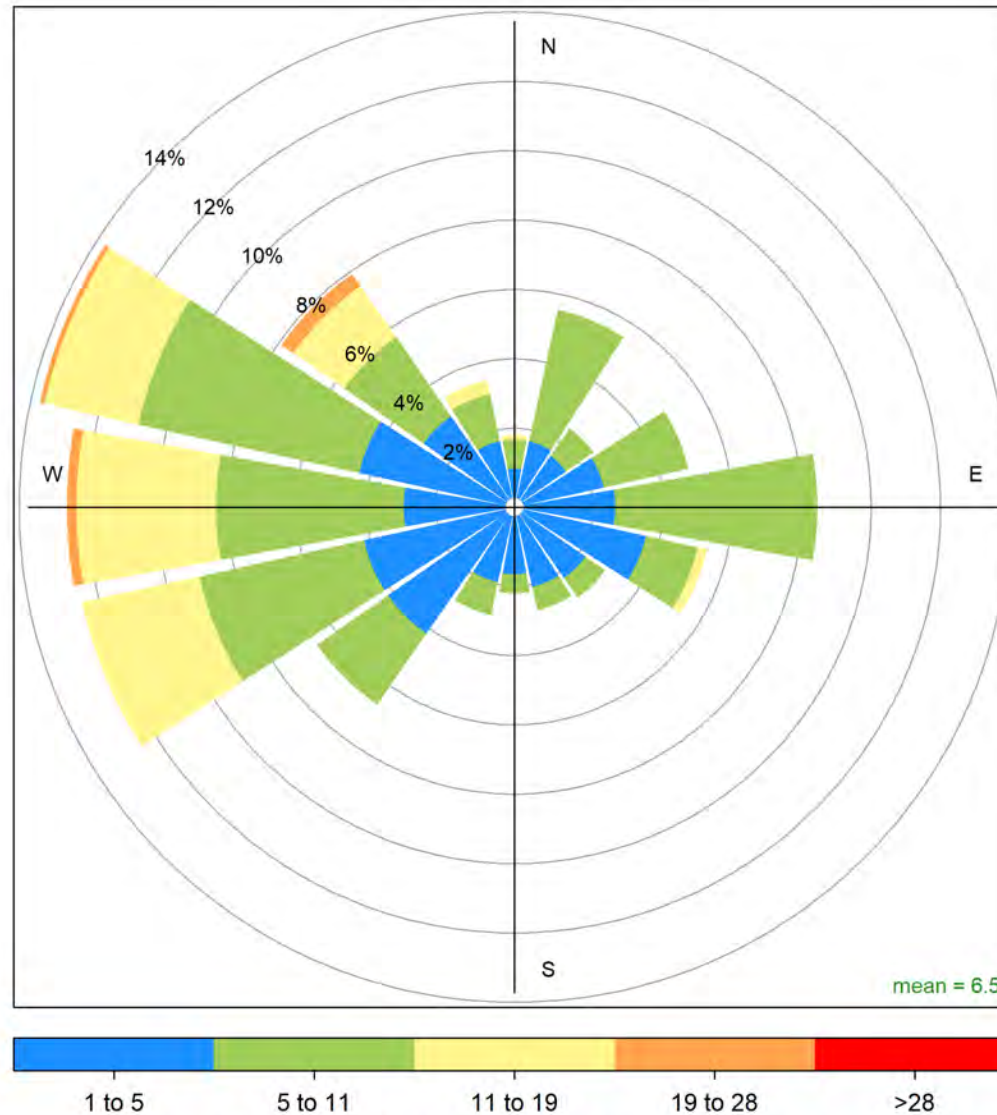


June 2026 Hourly Readings of Wind Direction (in degrees) at Henry Pirker



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



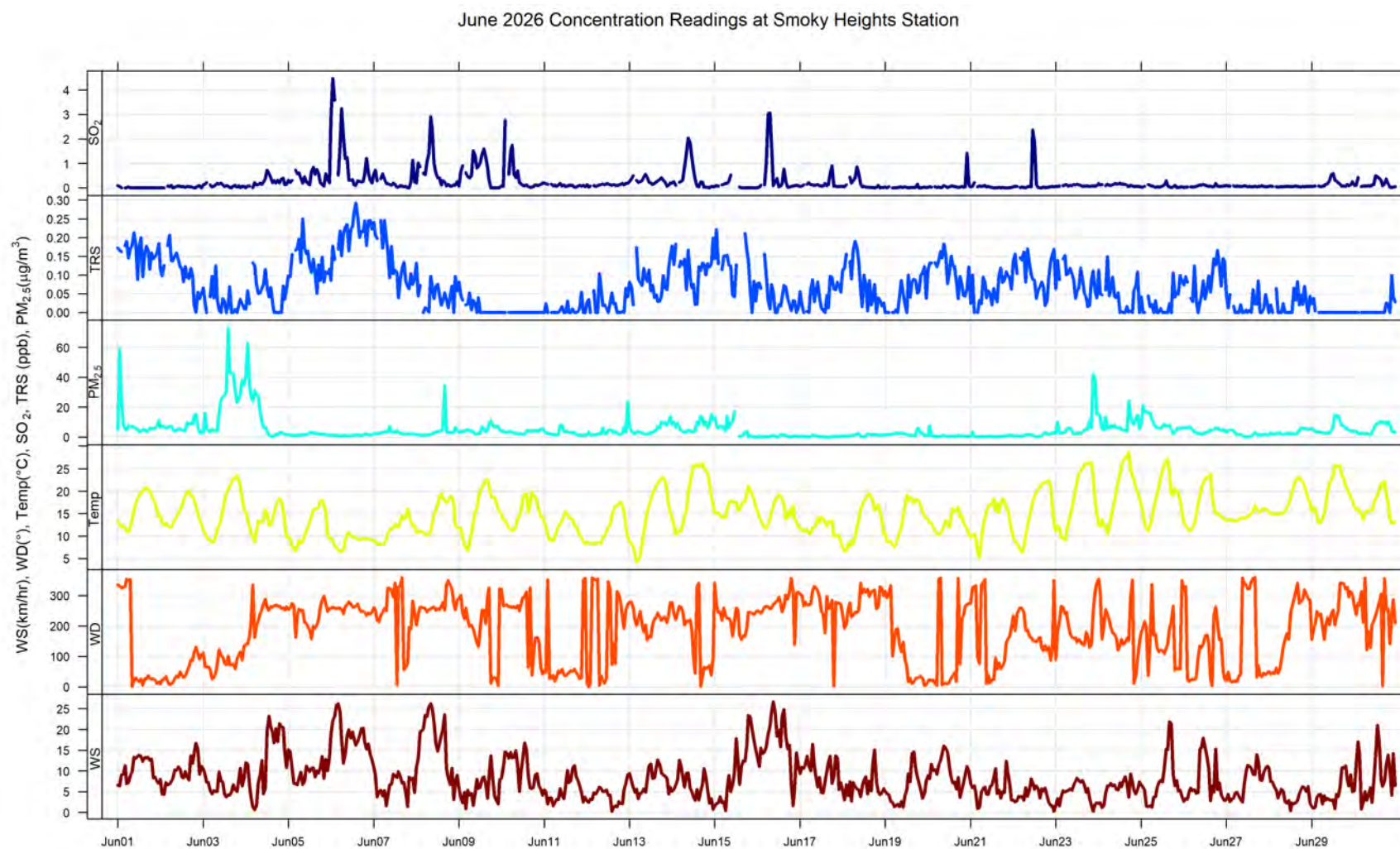


Henry Pirker June 2026 Wind Rose, wind speed in km/hr

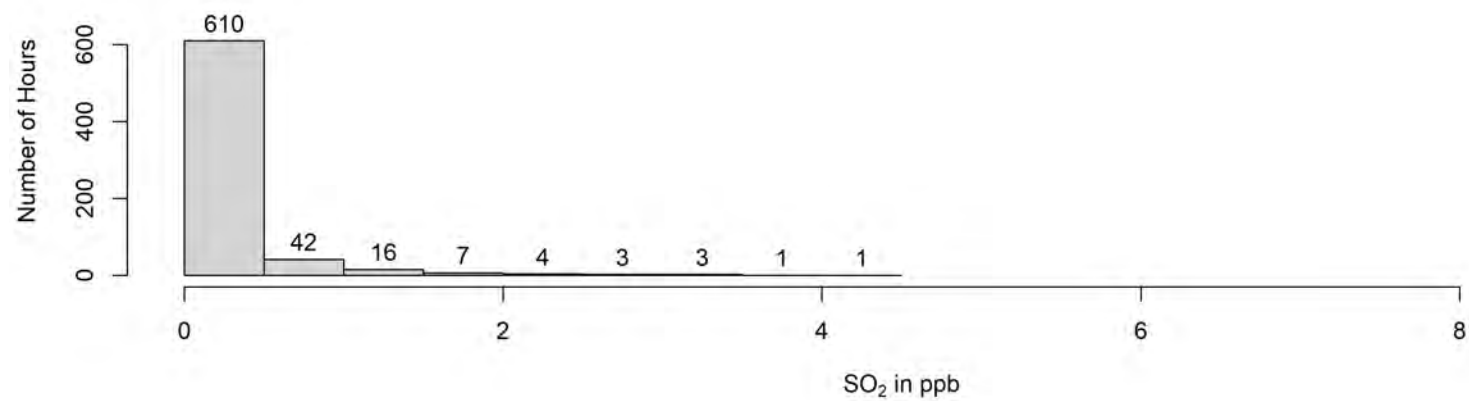
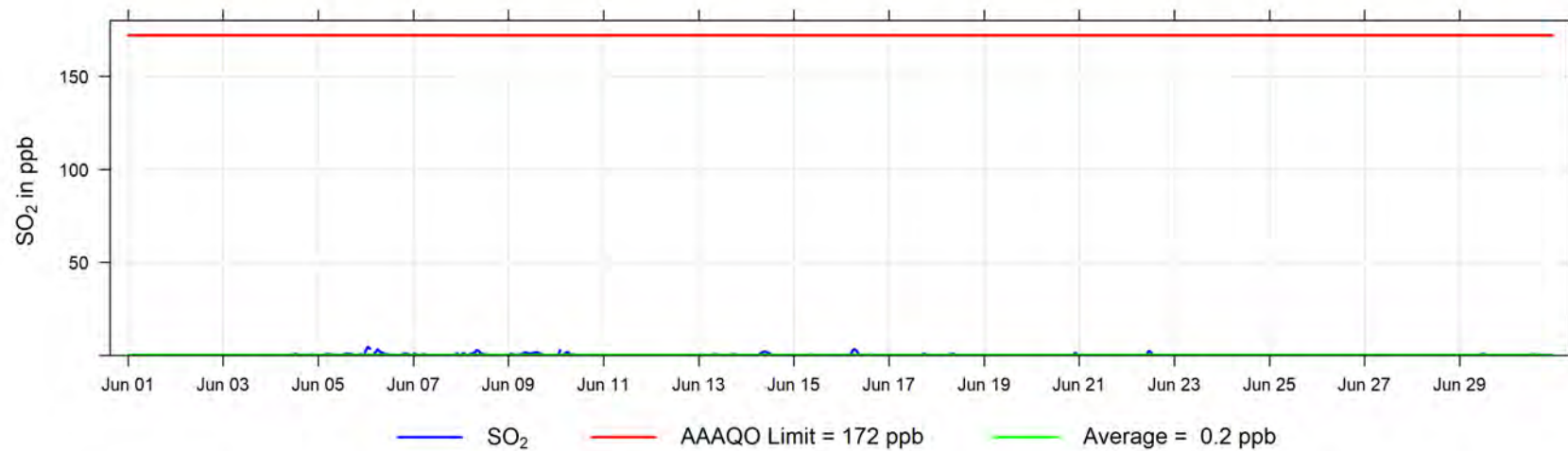
Calms (<1km/hr) = 3.7 %

5 Smoky Heights Charts

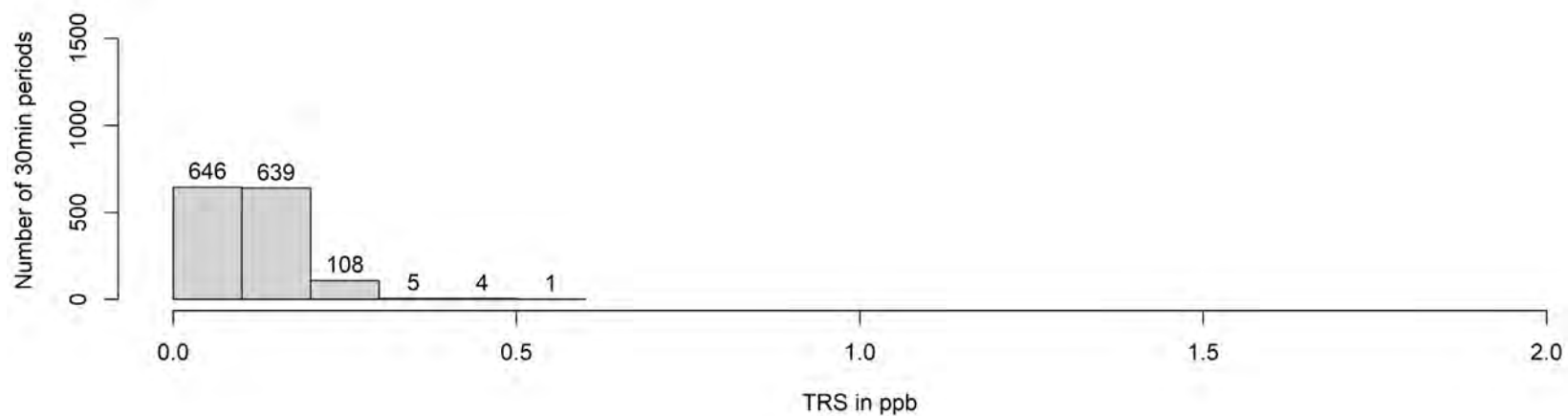
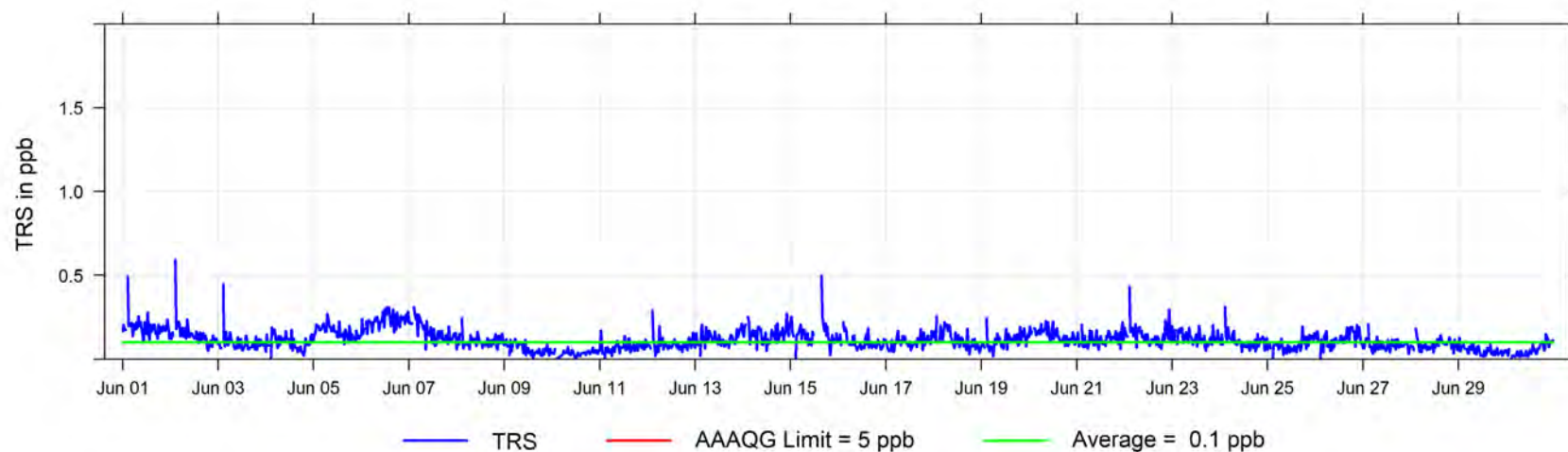
The following pages include the charts and histograms for Smoky Heights Station



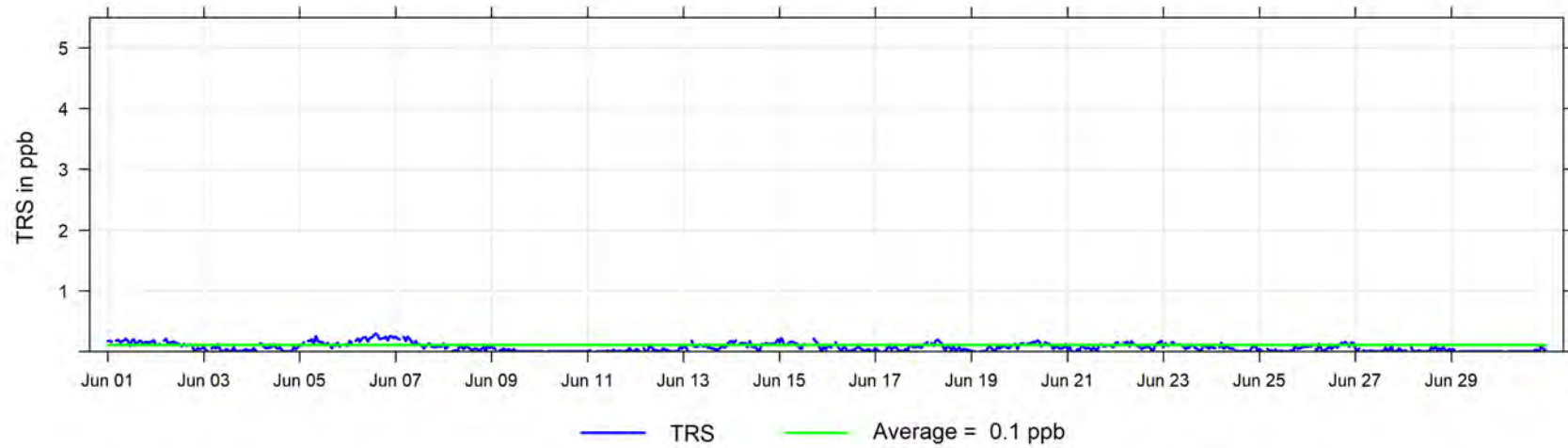
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Smoky Heights



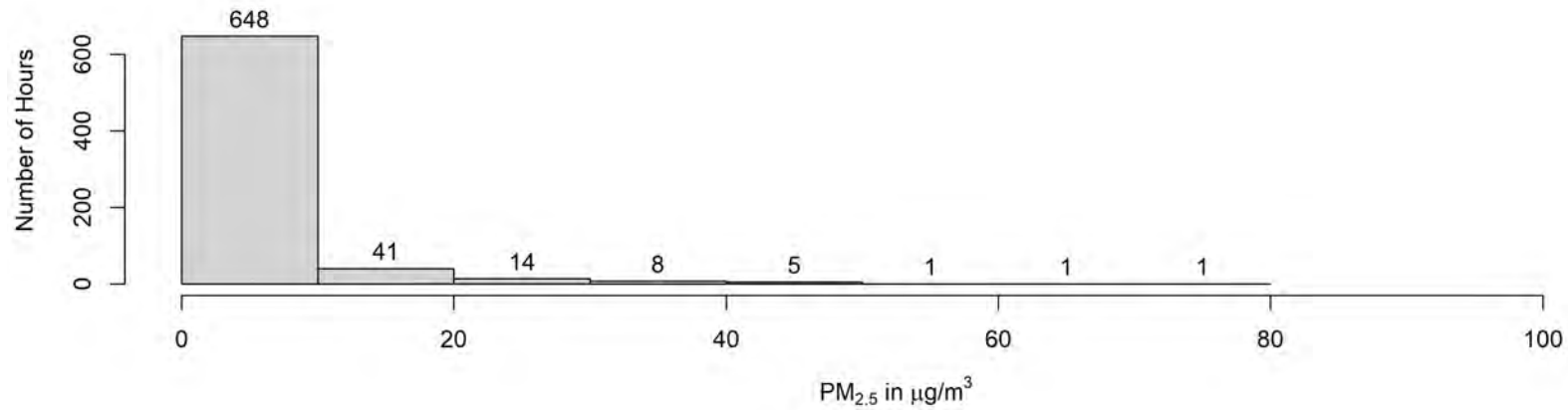
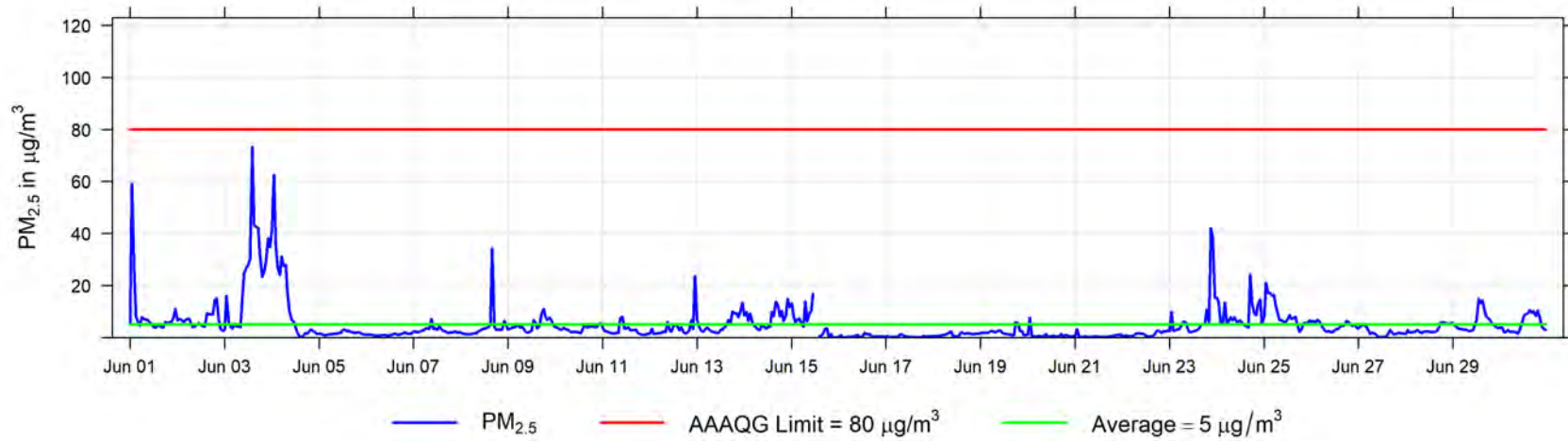
June 2026 30 min Concentration Readings of TRS (in ppb) at Smoky Heights



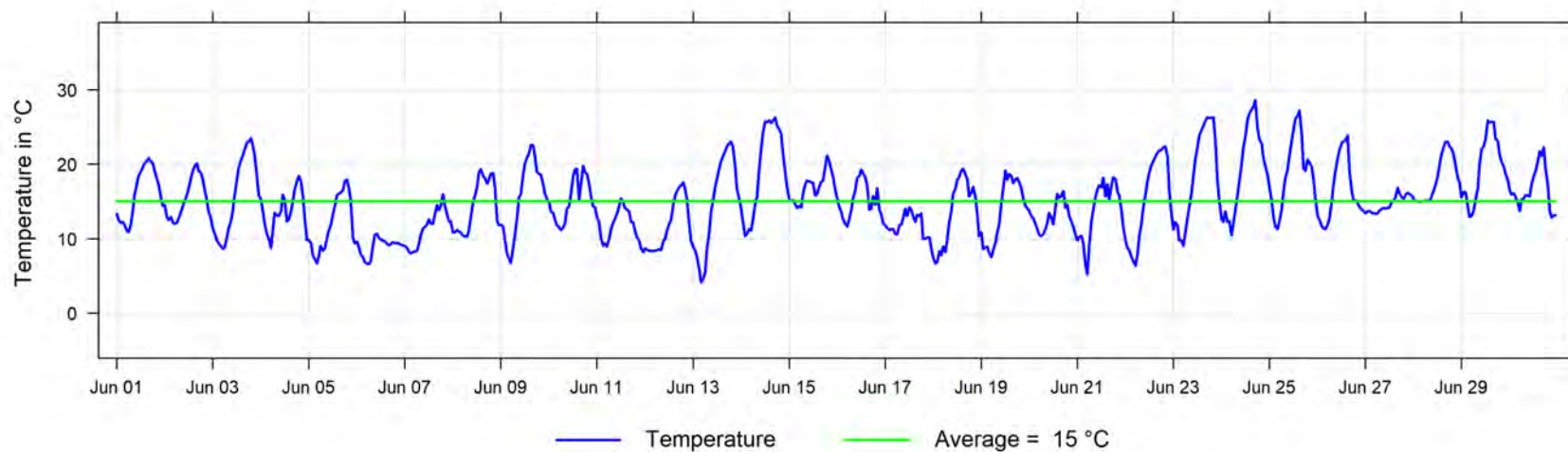
June 2026 Hourly Concentration Readings of TRS (in ppb) at Smoky Heights



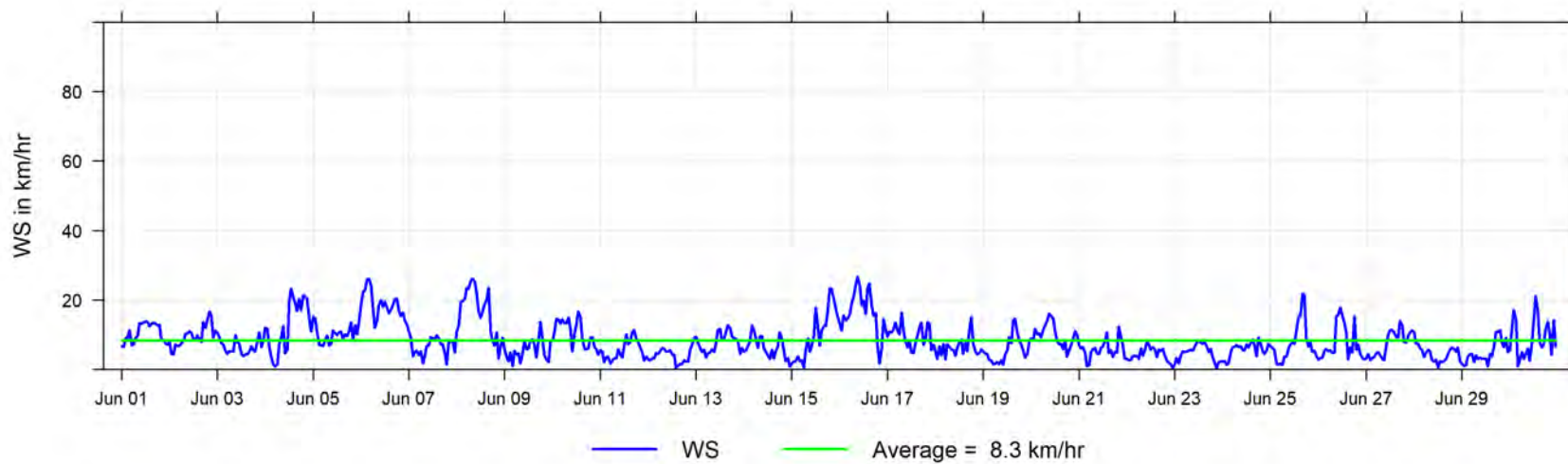
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Smoky Heights



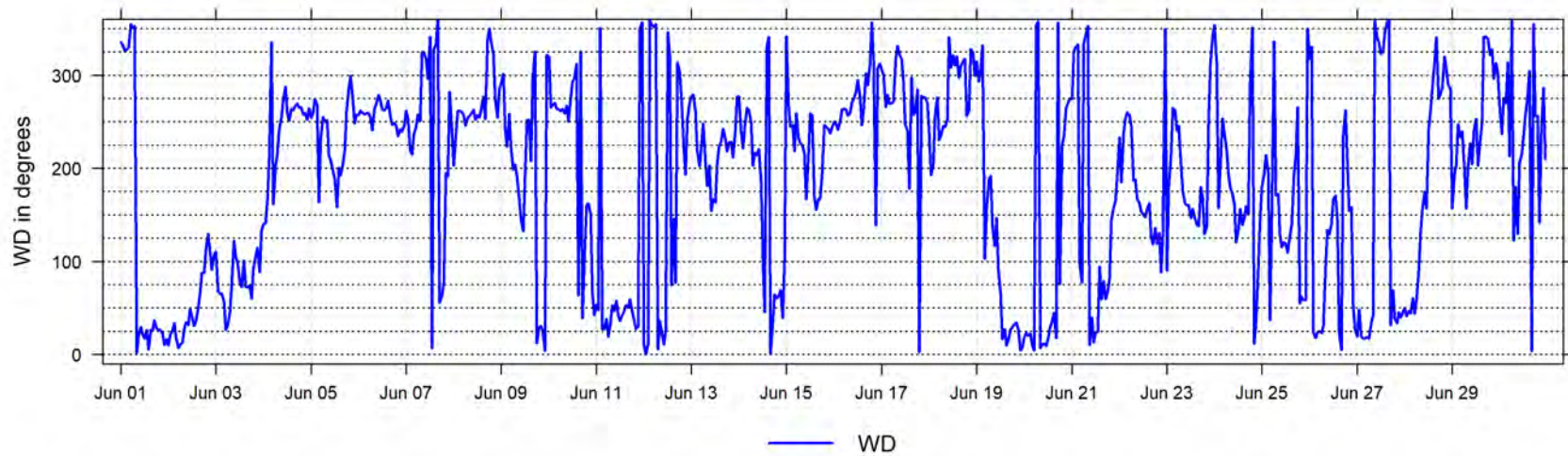
June 2026 Hourly Temperature Readings (in °C) at Smoky Heights



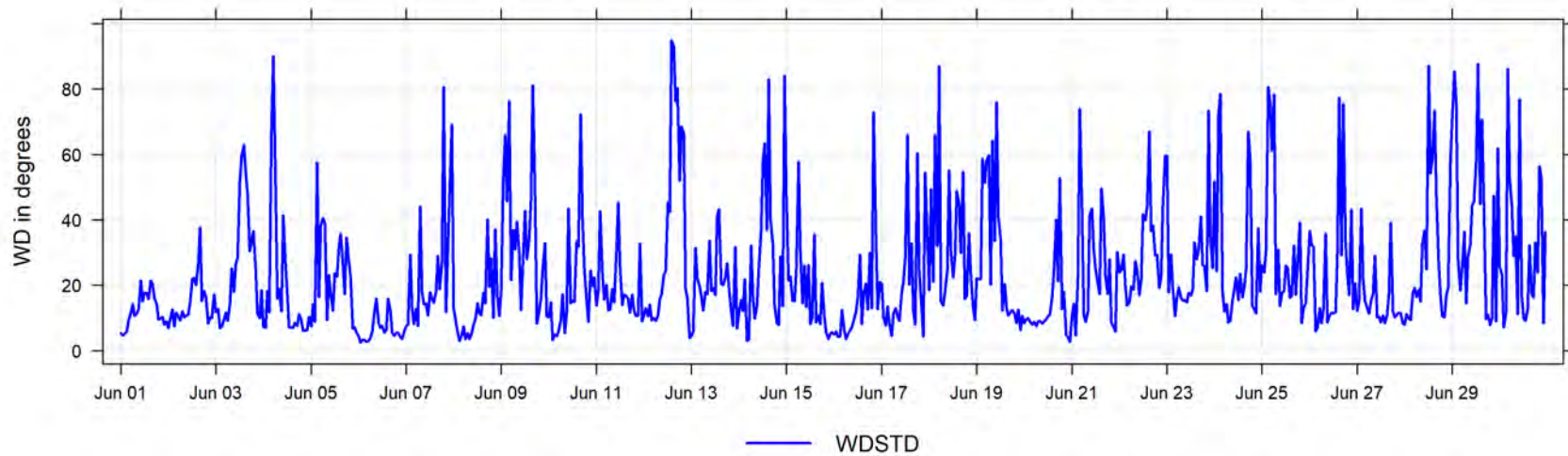
June 2026 Hourly Readings of Wind Speed (in km/hr) at Smoky Heights

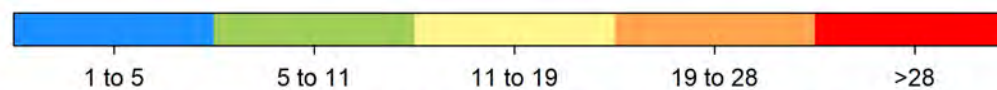
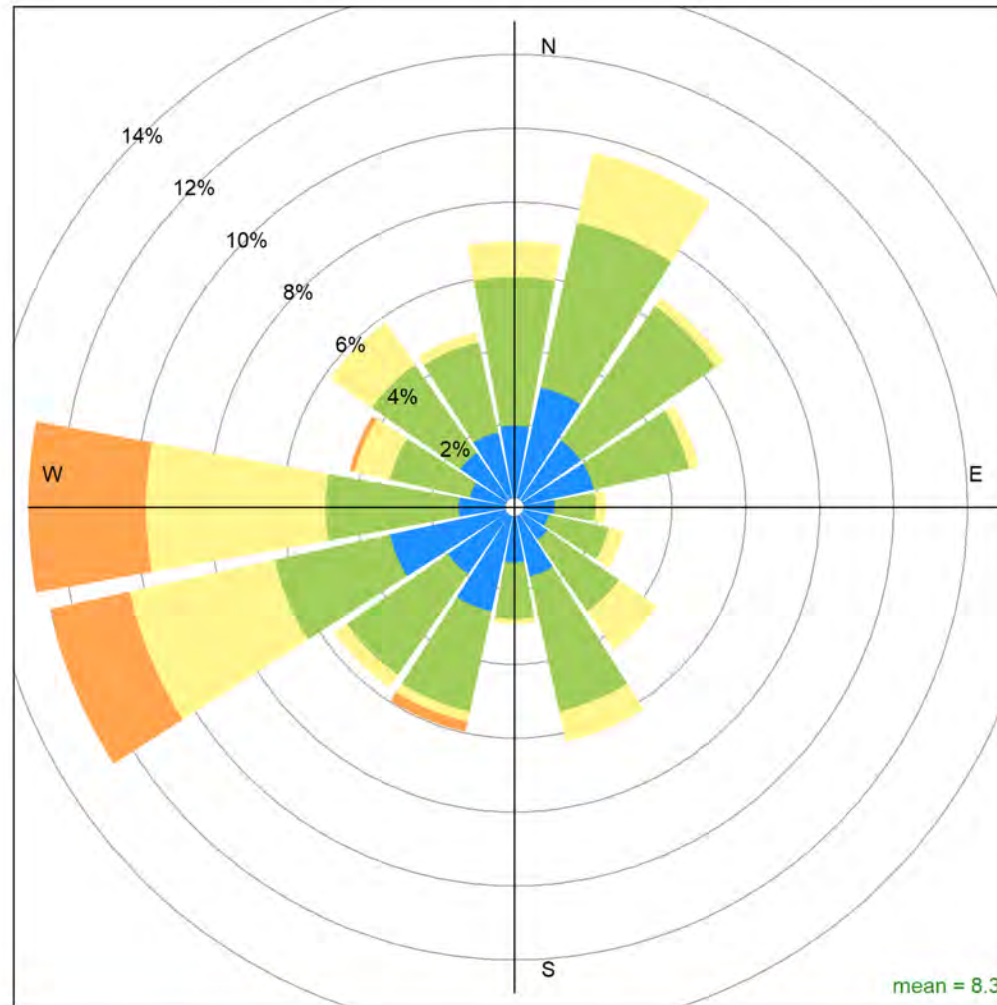


June 2026 Hourly Readings of Wind Direction (in degrees) at Smoky Heights



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





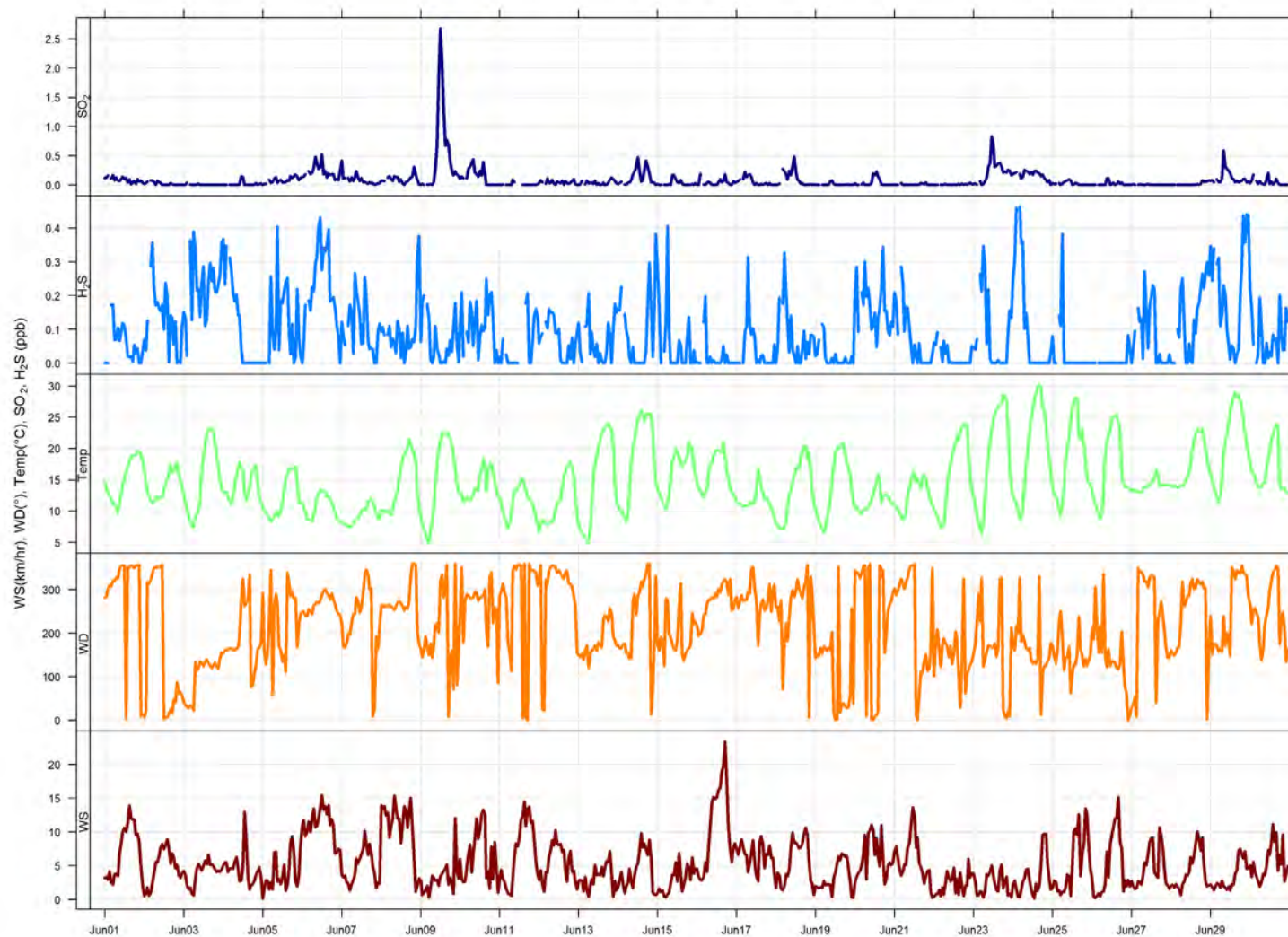
Smoky Heights June 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 1.5 %

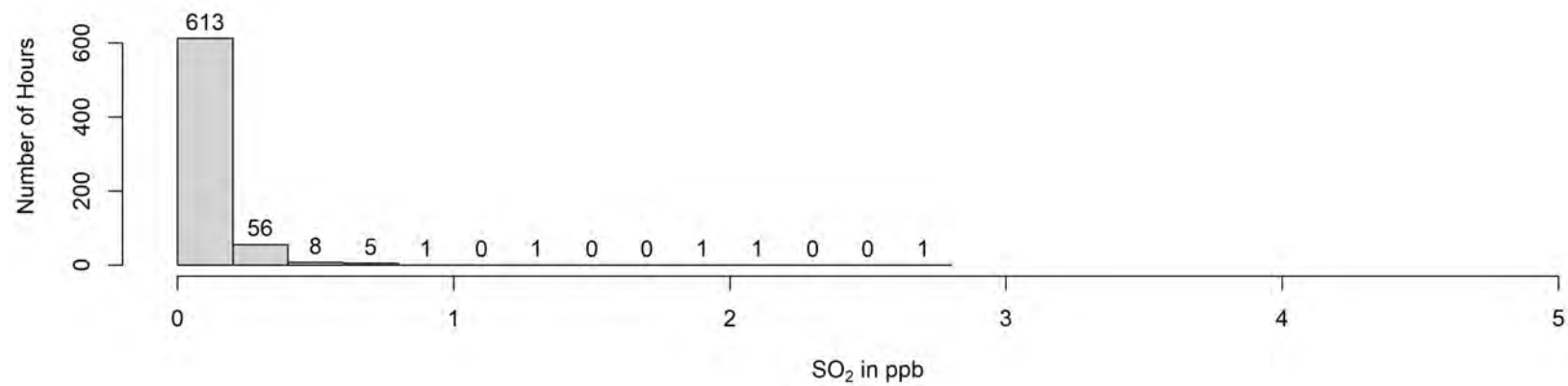
6 Valleyview Charts

The following pages include the charts and histograms for Valleyview Station

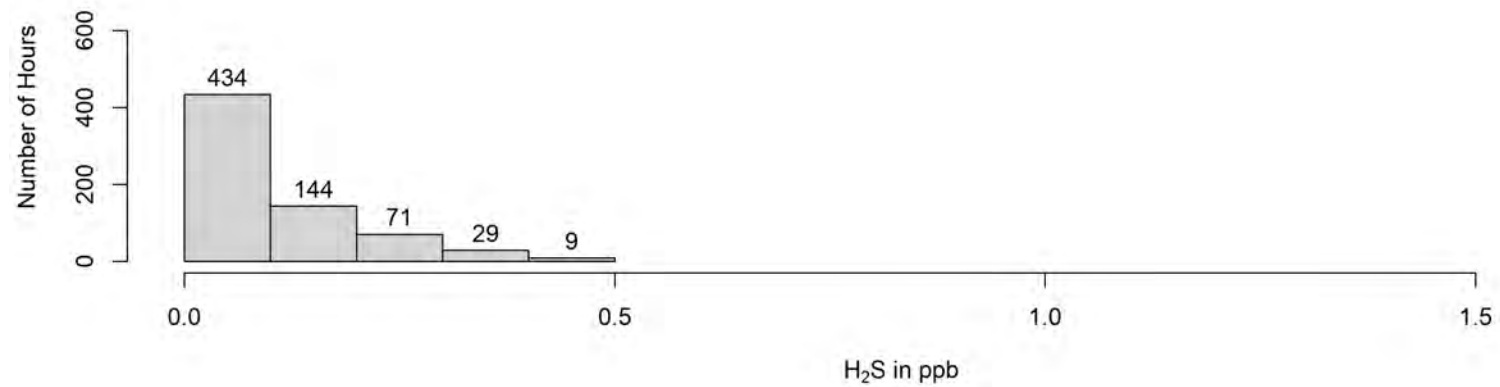
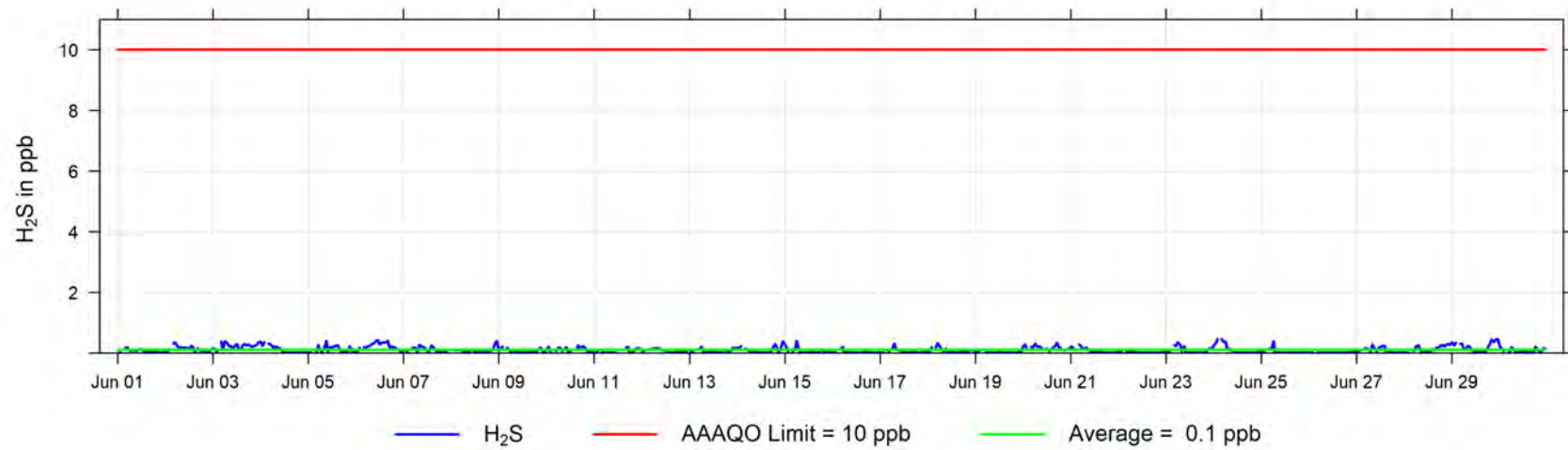
June 2026 Concentration Readings at Valleyview Station



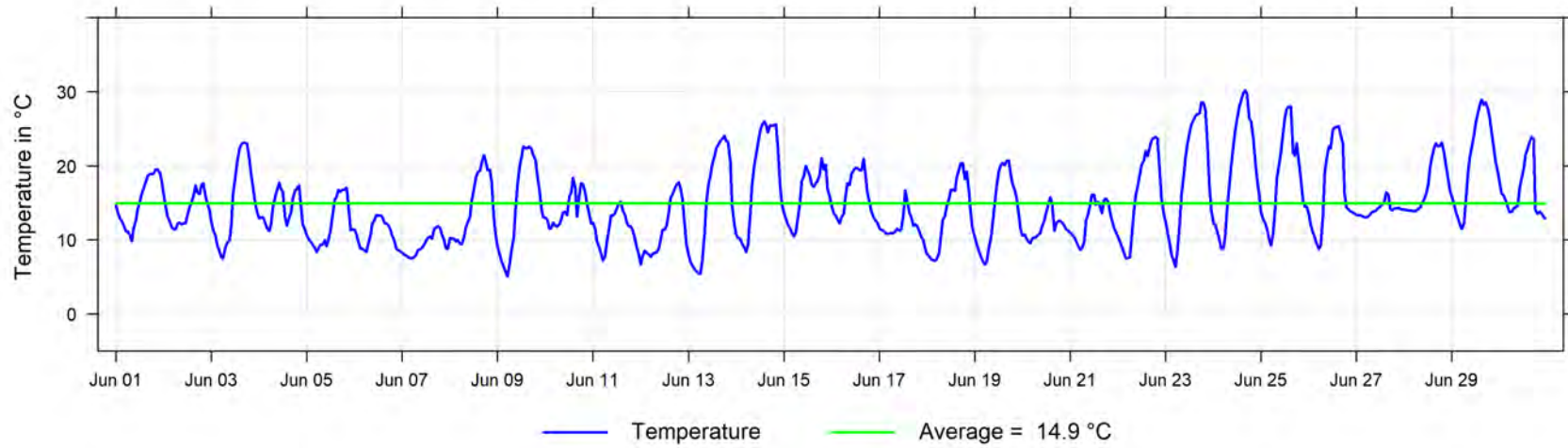
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Valleyview



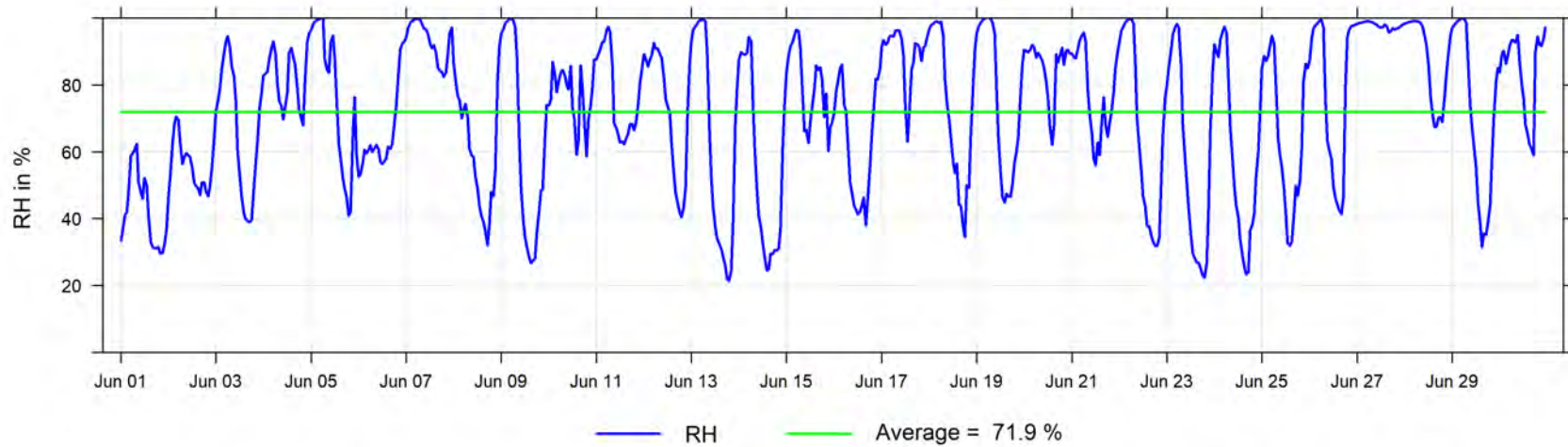
June 2026 Hourly Concentration Readings of H₂S (in ppb) at Valleyview



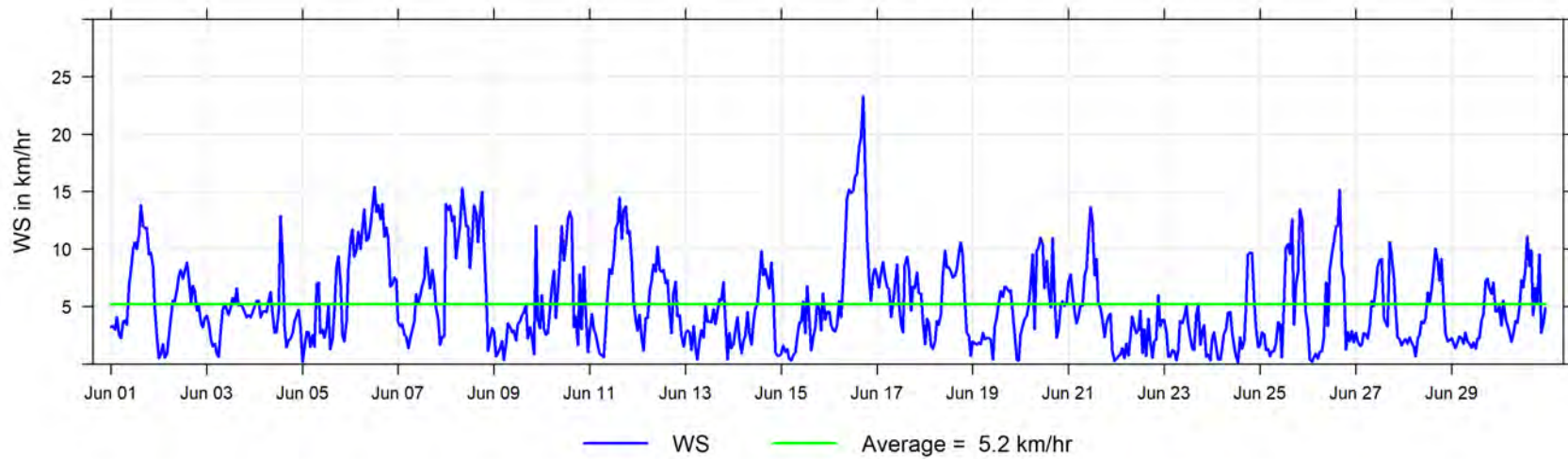
June 2026 Hourly Temperature Readings (in °C) at Valleyview



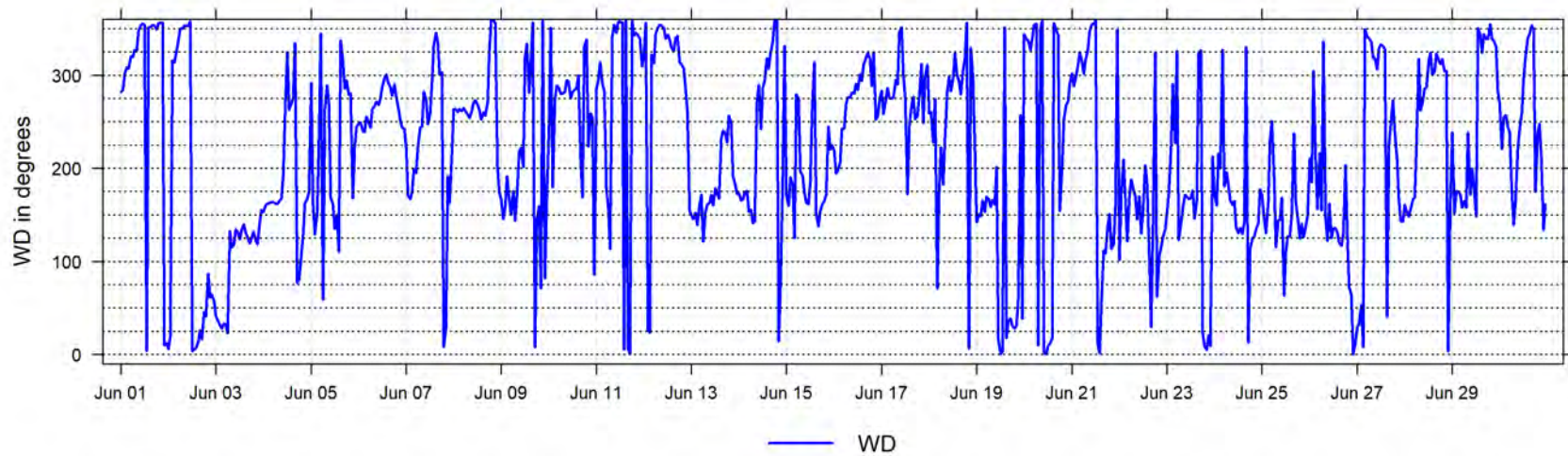
June 2026 Hourly Readings of Relative Humidity (in %) at Valleyview



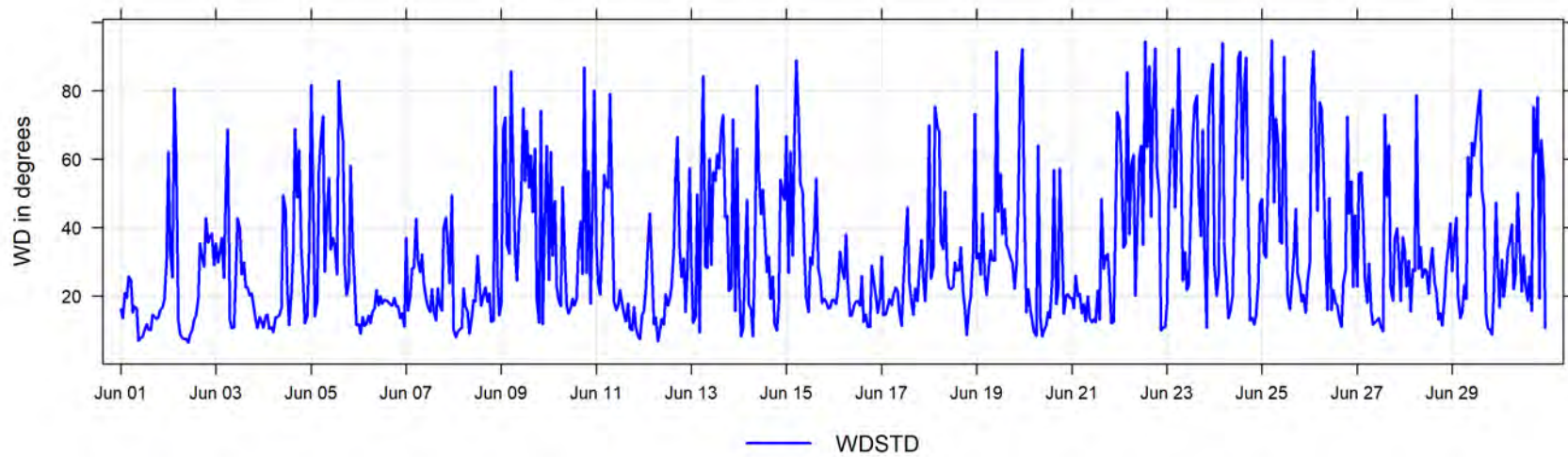
June 2026 Hourly Readings of Wind Speed (in km/hr) at Valleyview

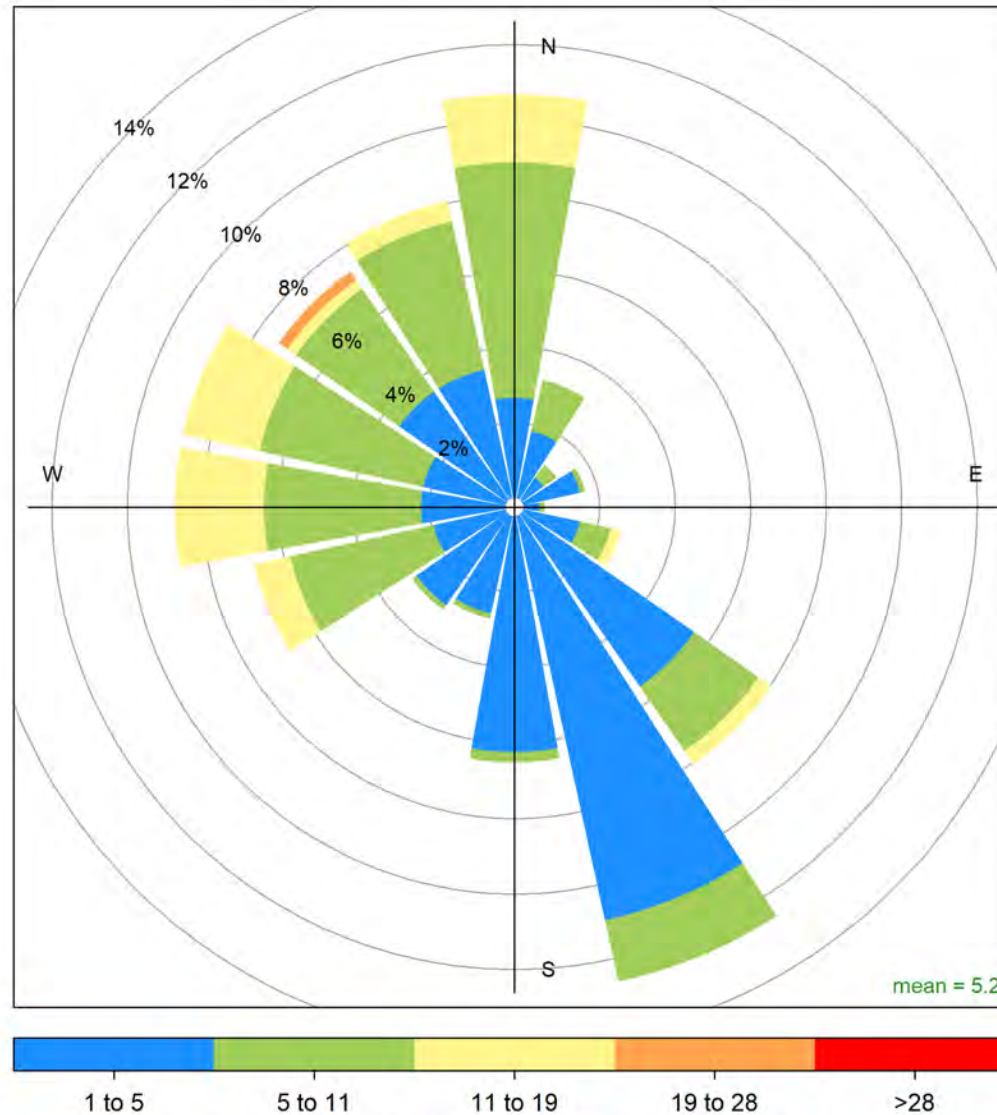


June 2026 Hourly Readings of Wind Direction (in degrees) at Valleyview



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





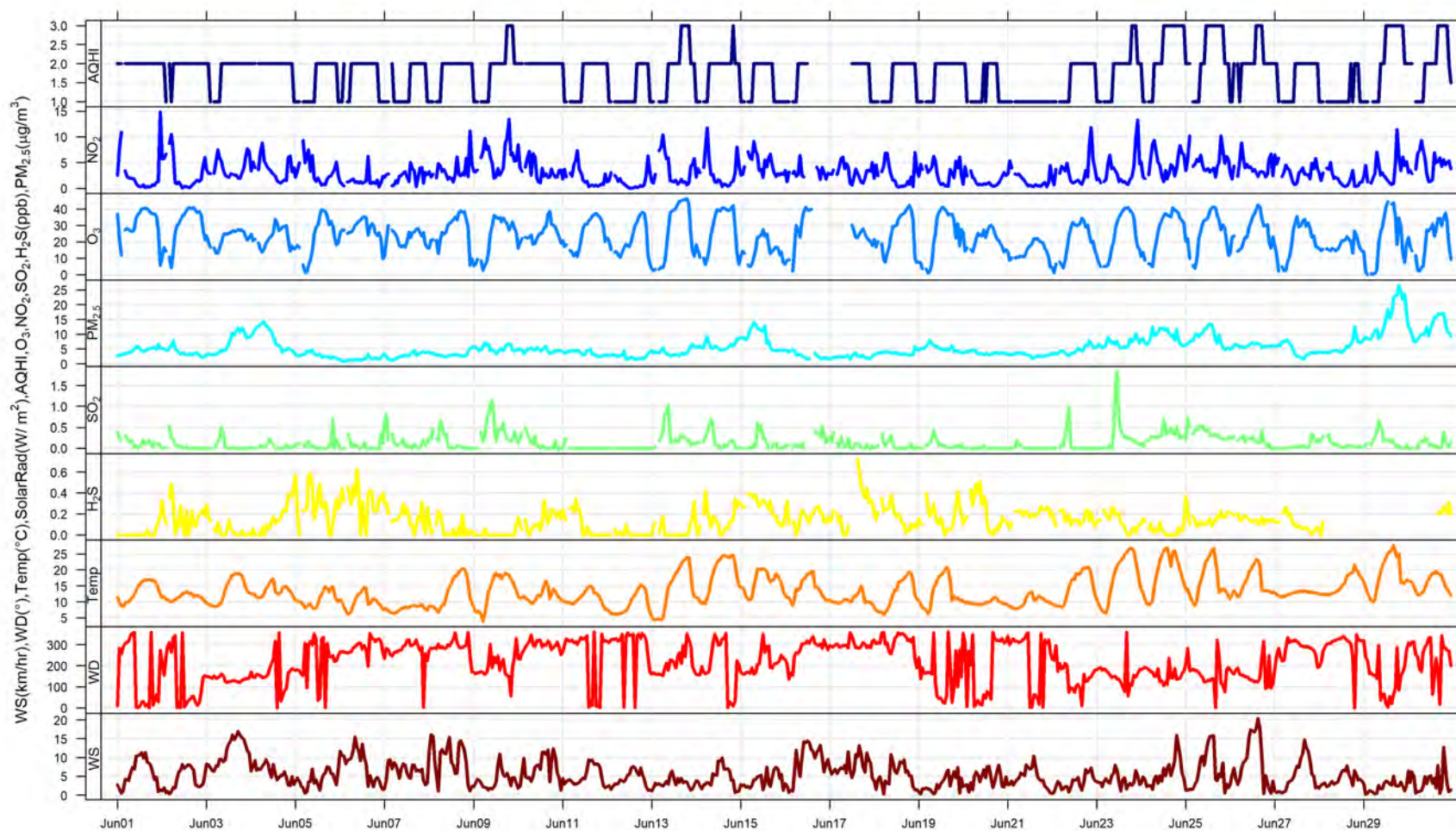
Valleyview June 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 7.5 %

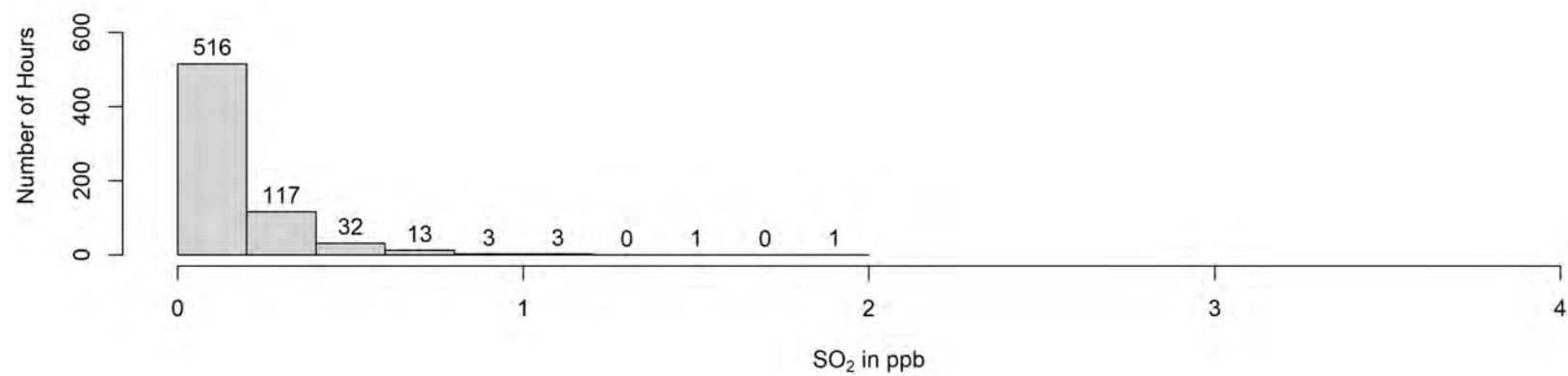
7 Fox Creek Charts

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

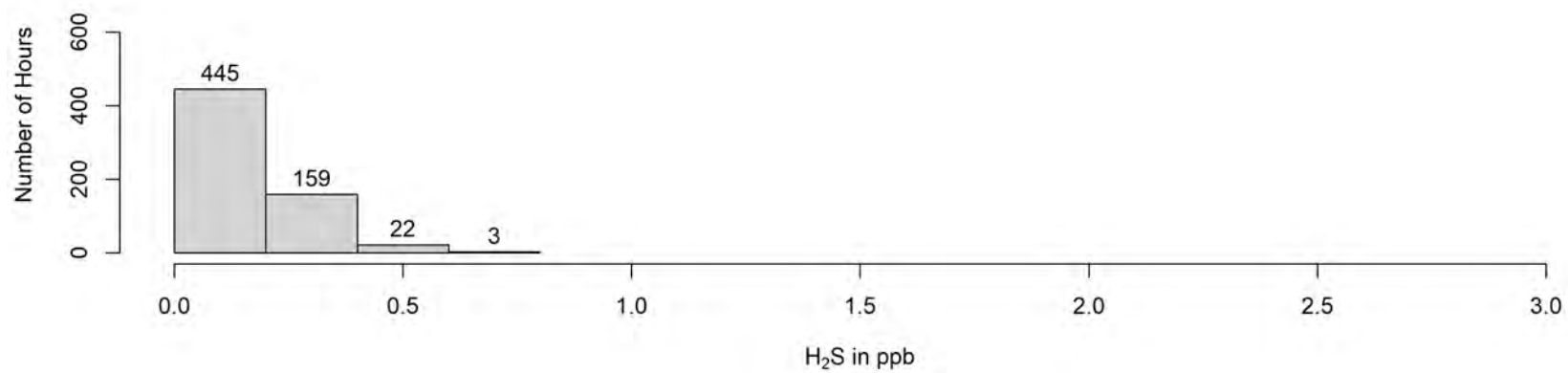
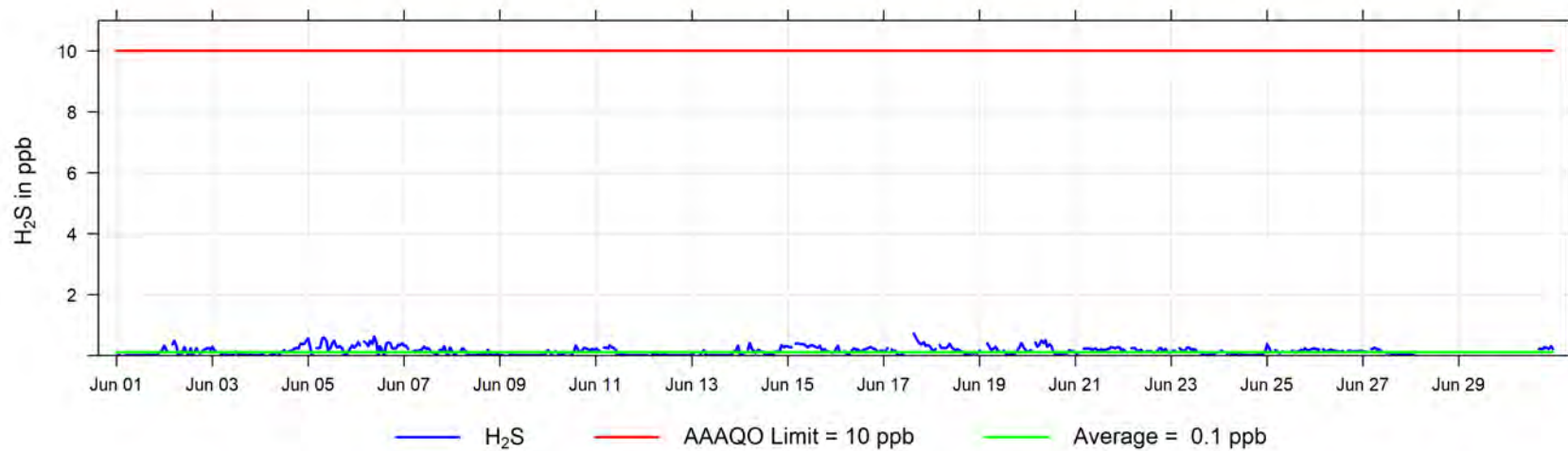
June 2026 Concentration Readings at Fox Creek Station



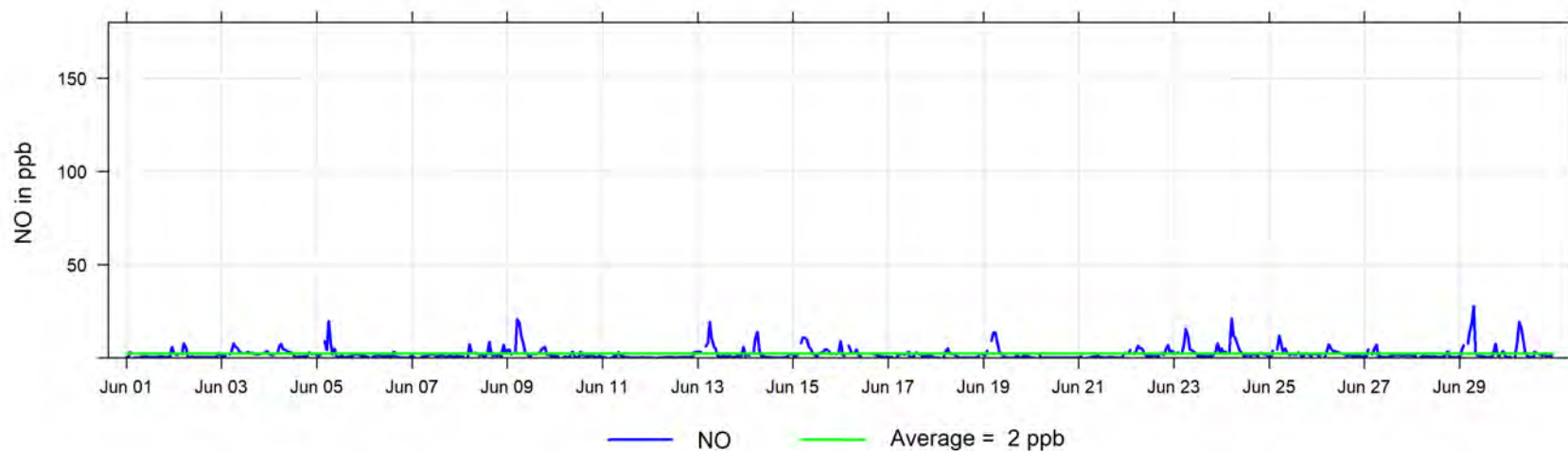
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Fox Creek



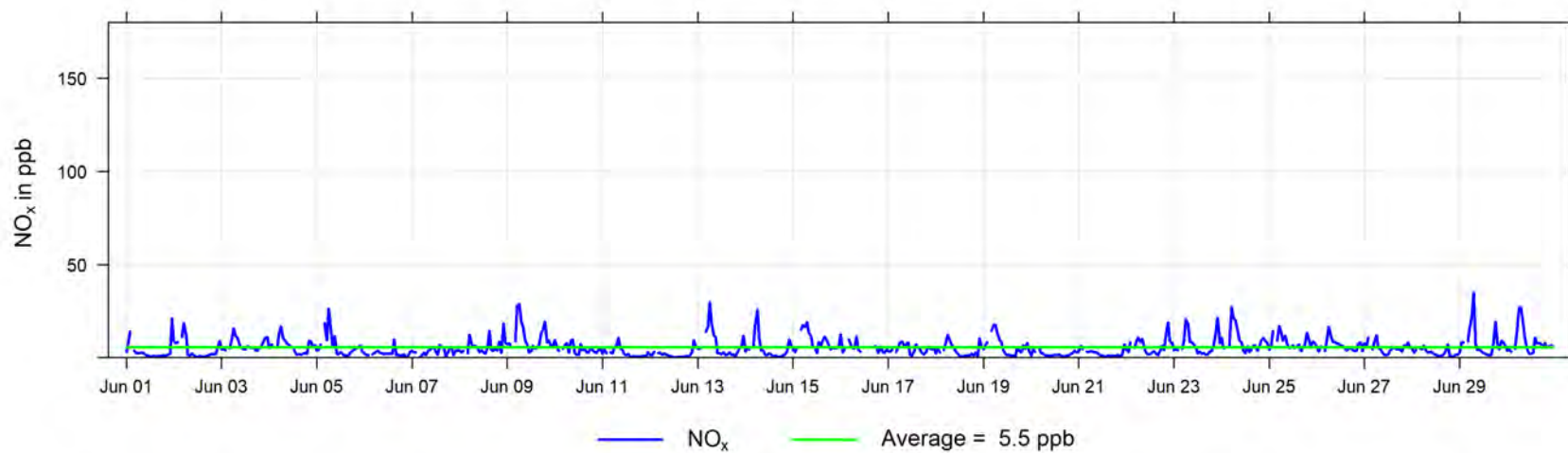
June 2026 Hourly Concentration Readings of H₂S (in ppb) at Fox Creek



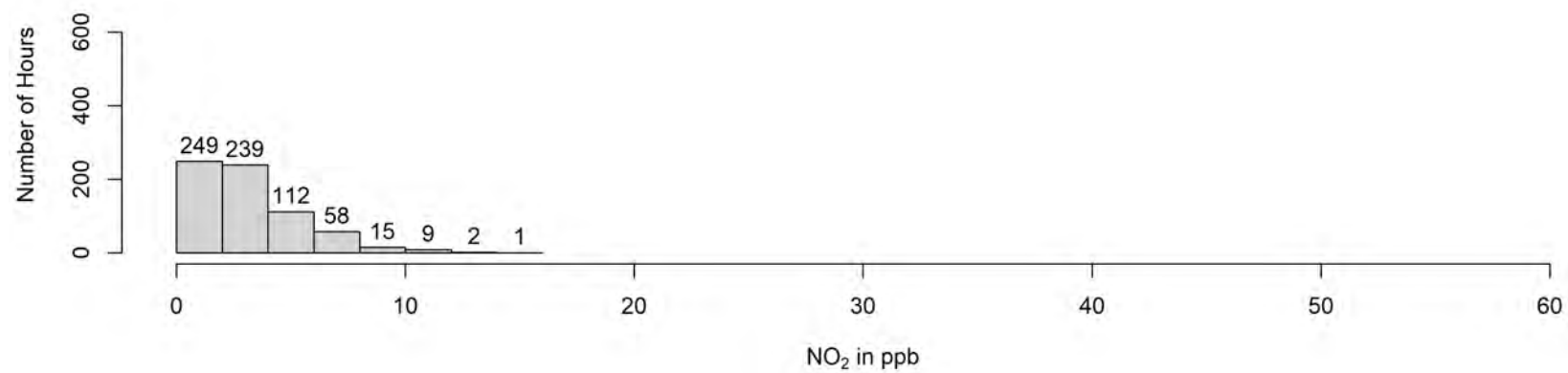
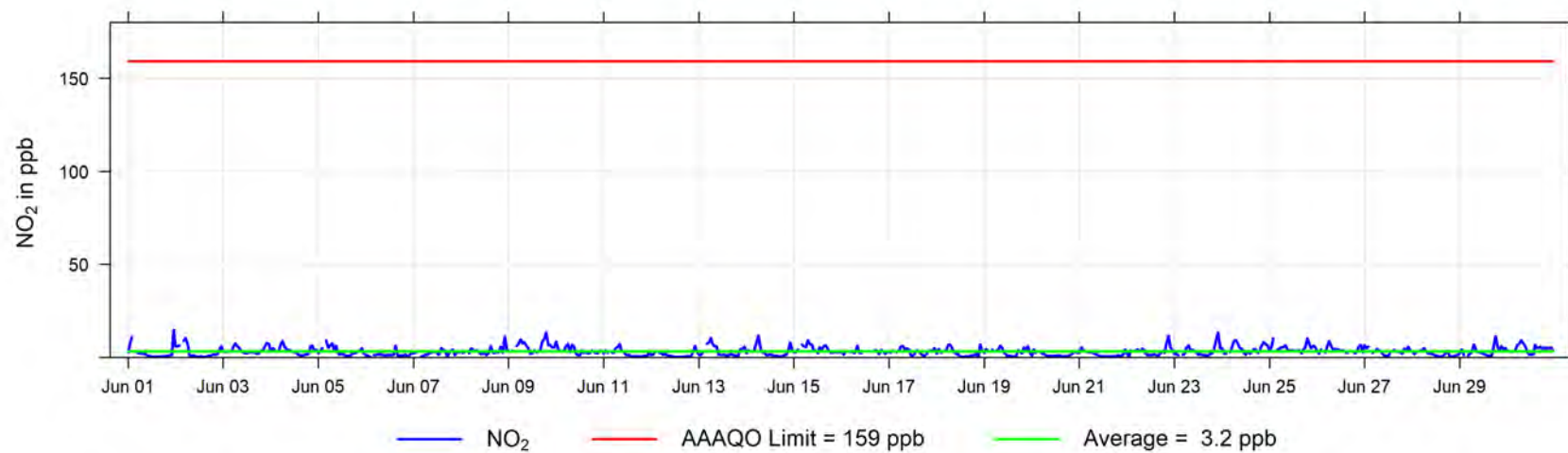
June 2026 Hourly Concentration Readings of NO (in ppb) at Fox Creek



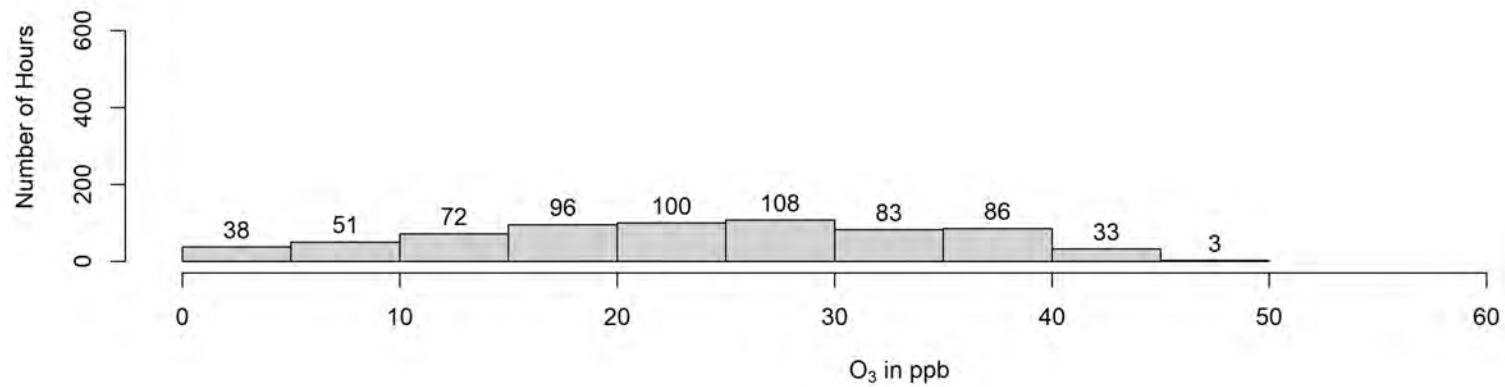
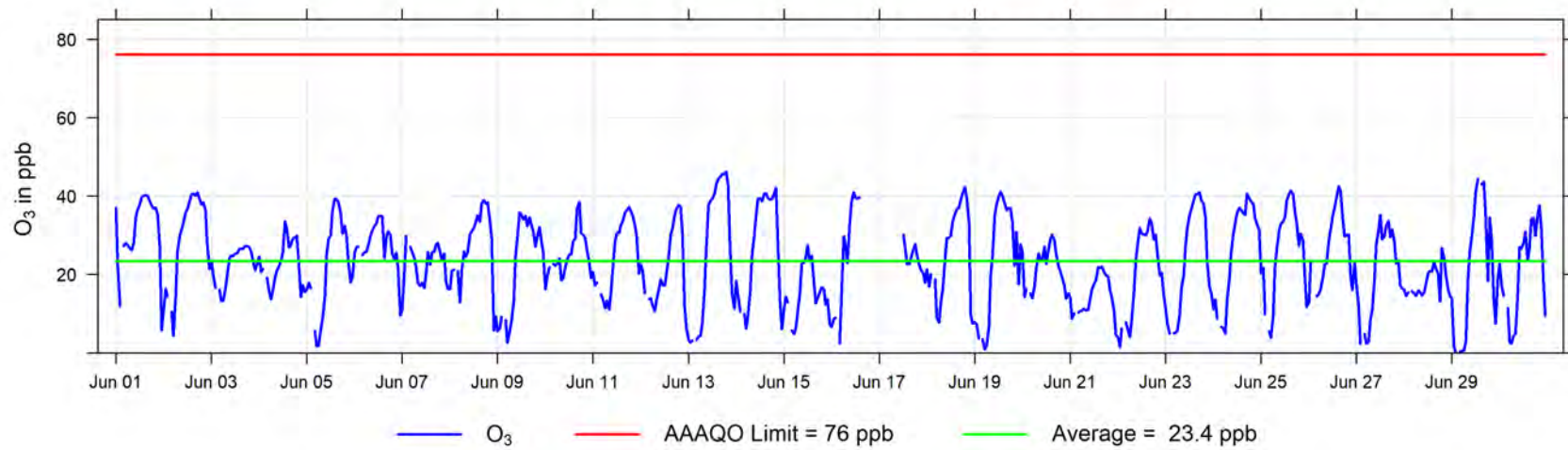
June 2026 Hourly Concentration Readings of NO_x (in ppb) at Fox Creek



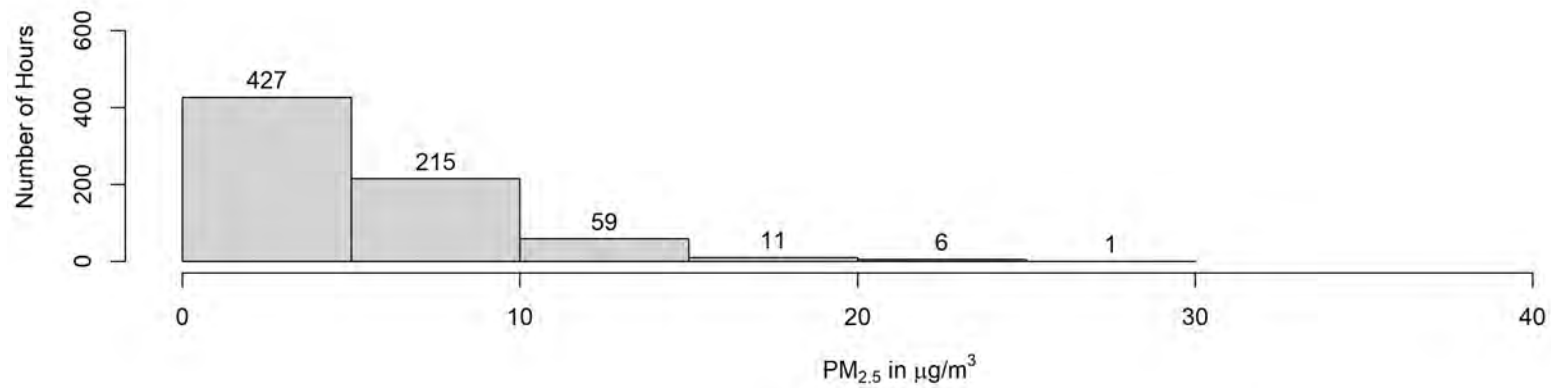
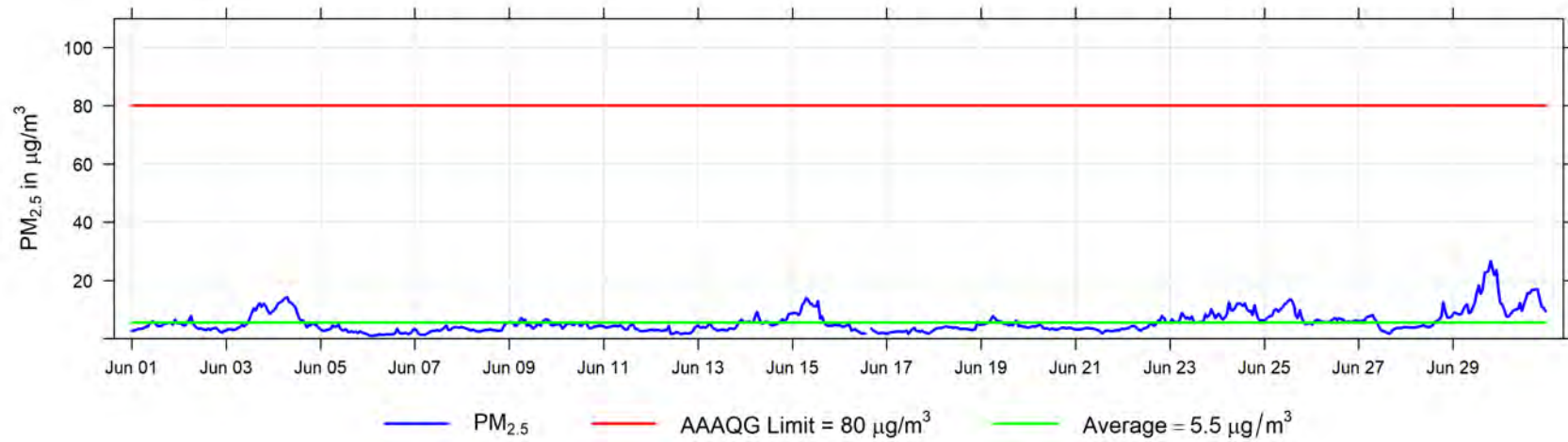
June 2026 Hourly Concentration Readings of NO₂ (in ppb) at Fox Creek



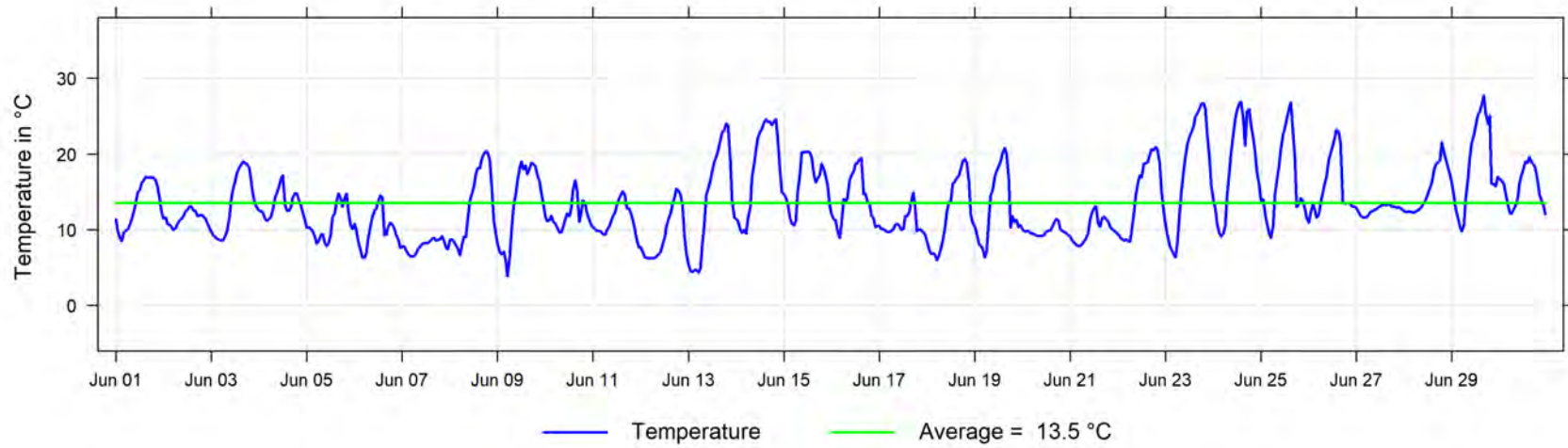
June 2026 Hourly Concentration Readings of O₃ (in ppb) at Fox Creek



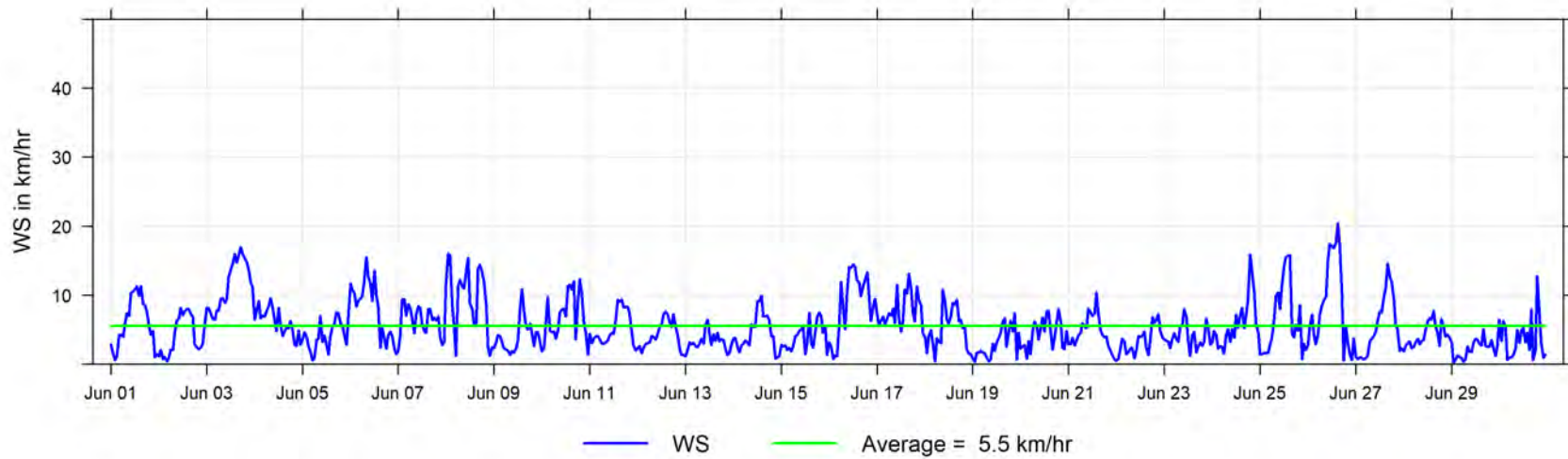
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Fox Creek



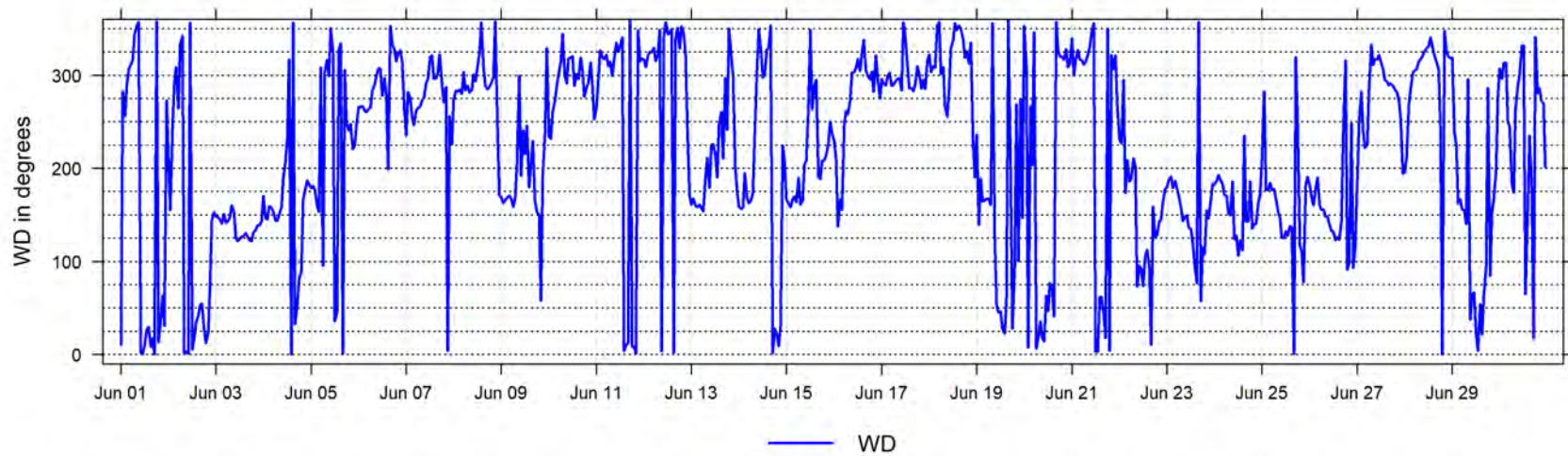
June 2026 Hourly Temperature Readings (in °C) at Fox Creek



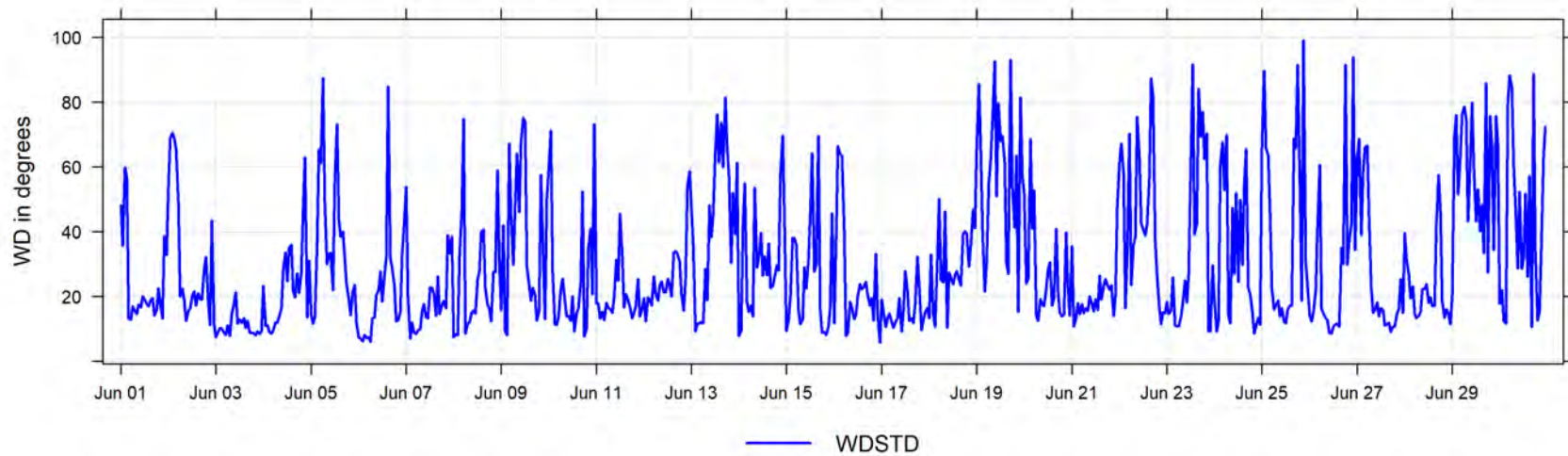
June 2026 Hourly Readings of Wind Speed (in km/hr) at Fox Creek

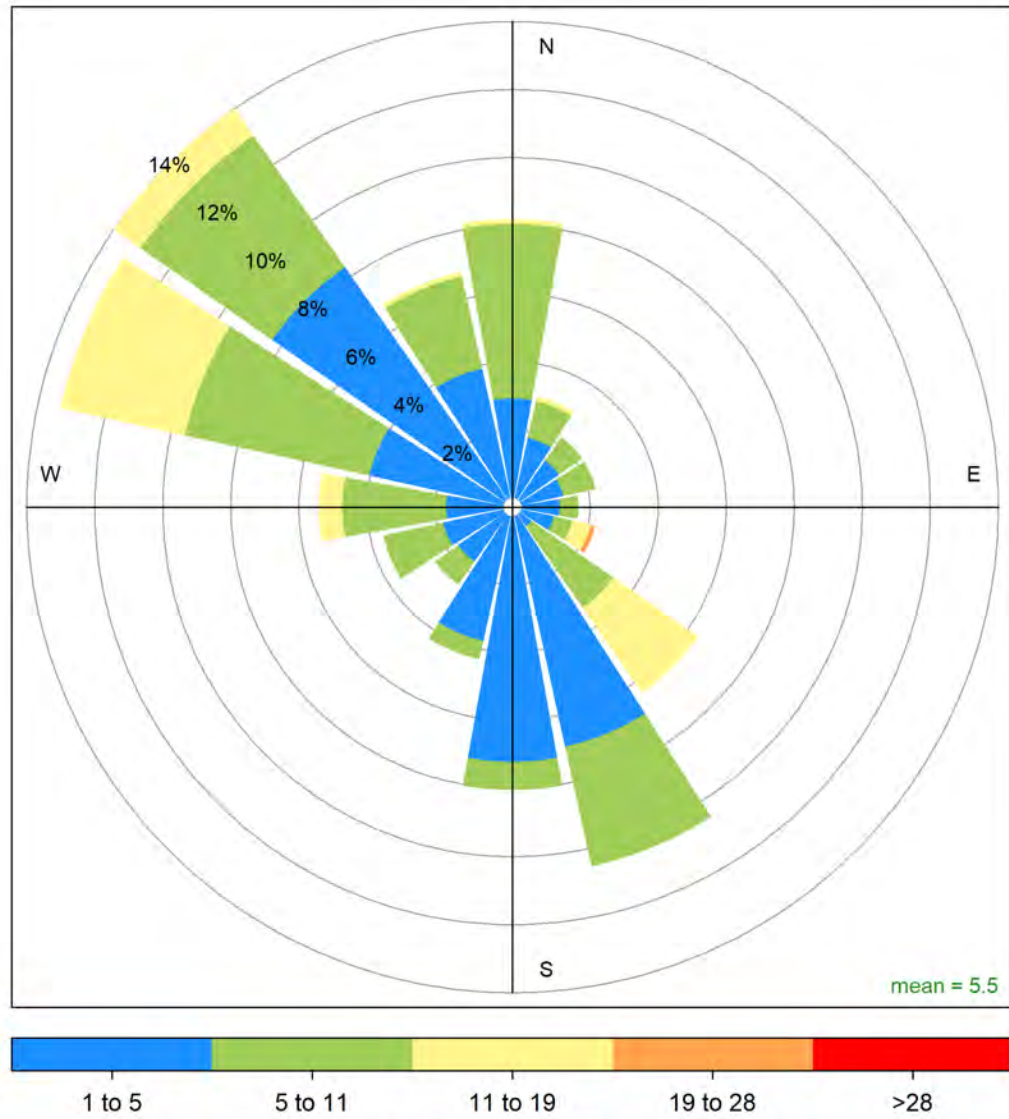


June 2026 Hourly Readings of Wind Direction (in degrees) at Fox Creek



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



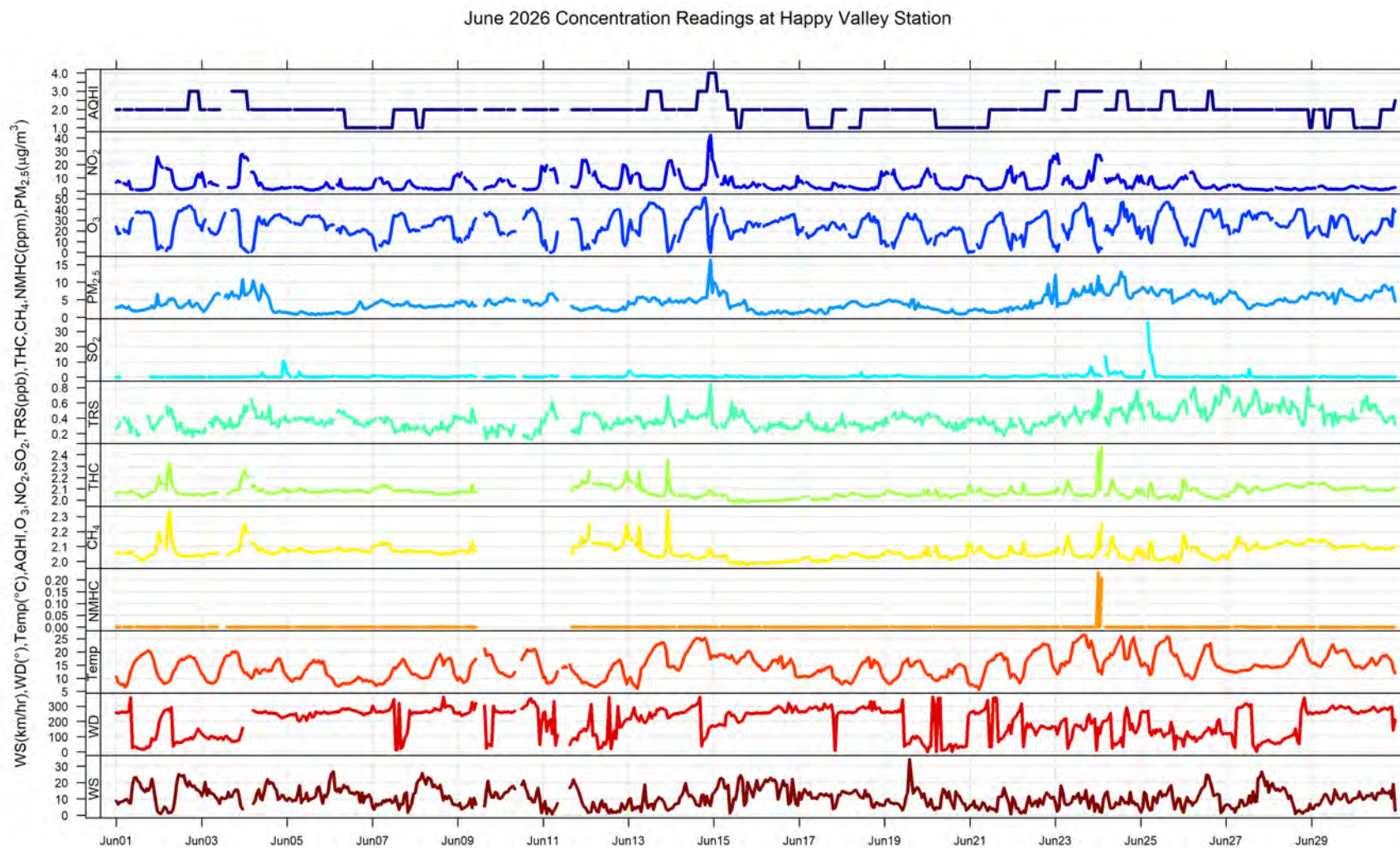


Fox Creek June 2026 Wind Rose, wind speed in km/hr

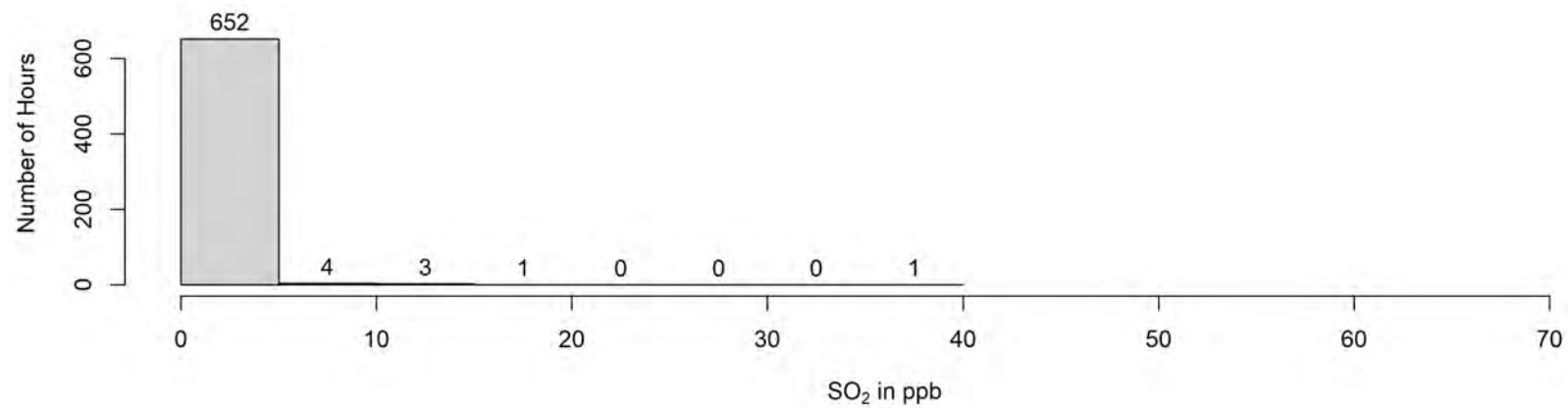
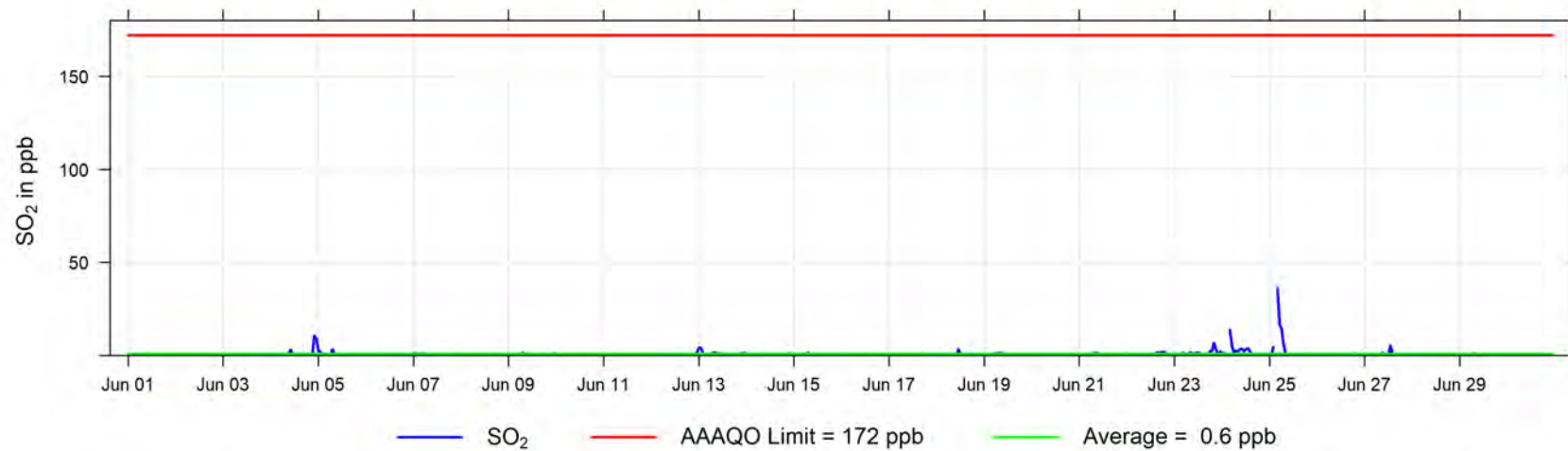
Calms (<1km/hr) = 5.5 %

8 Happy Valley (Portable) Charts

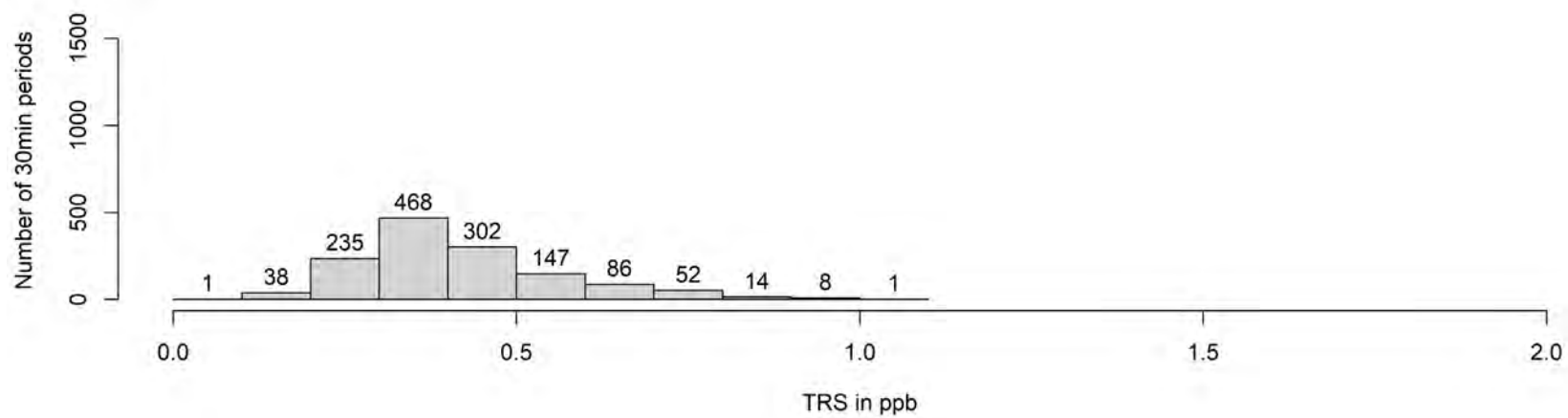
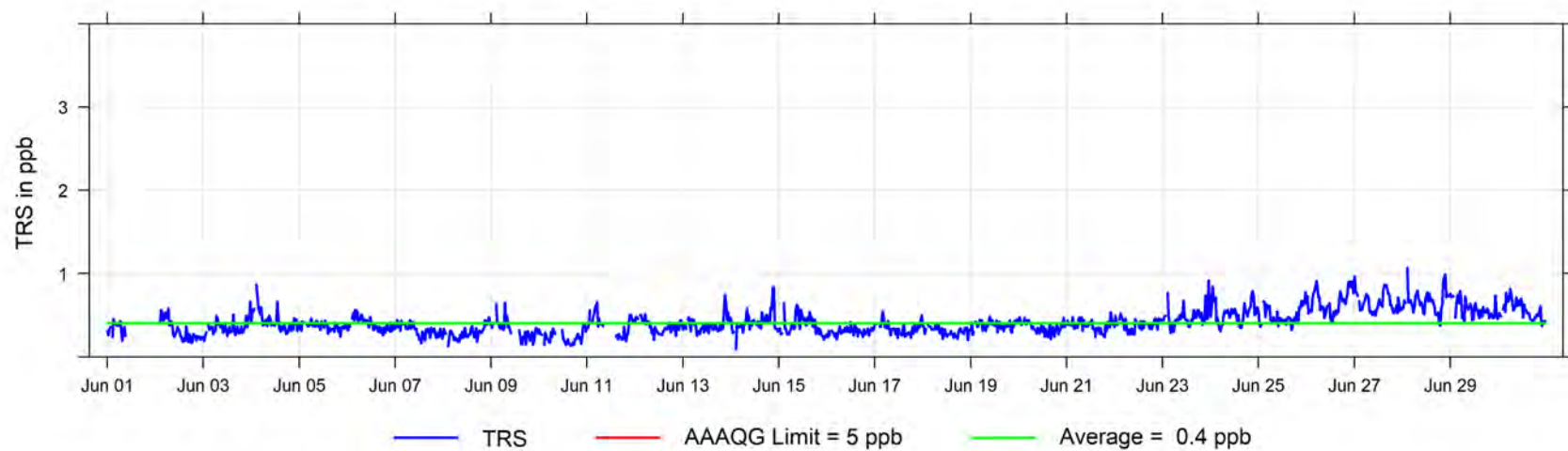
The following pages include the charts and histograms for Happy Valley Portable Station



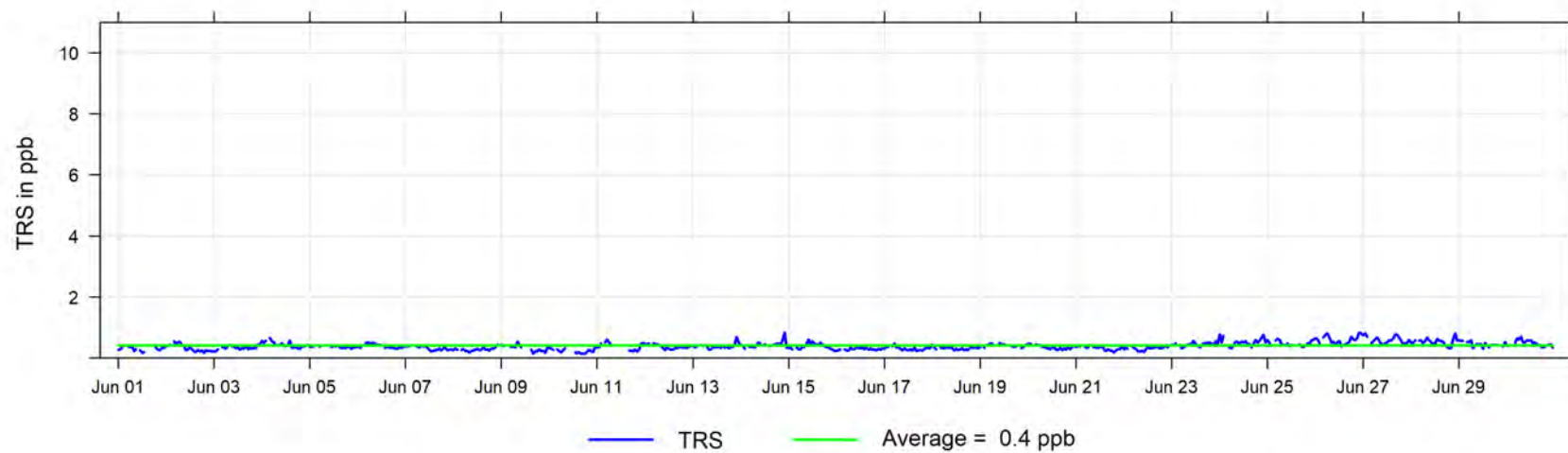
June 2026 Hourly Concentration Readings of SO₂ (in ppb) at Happy Valley



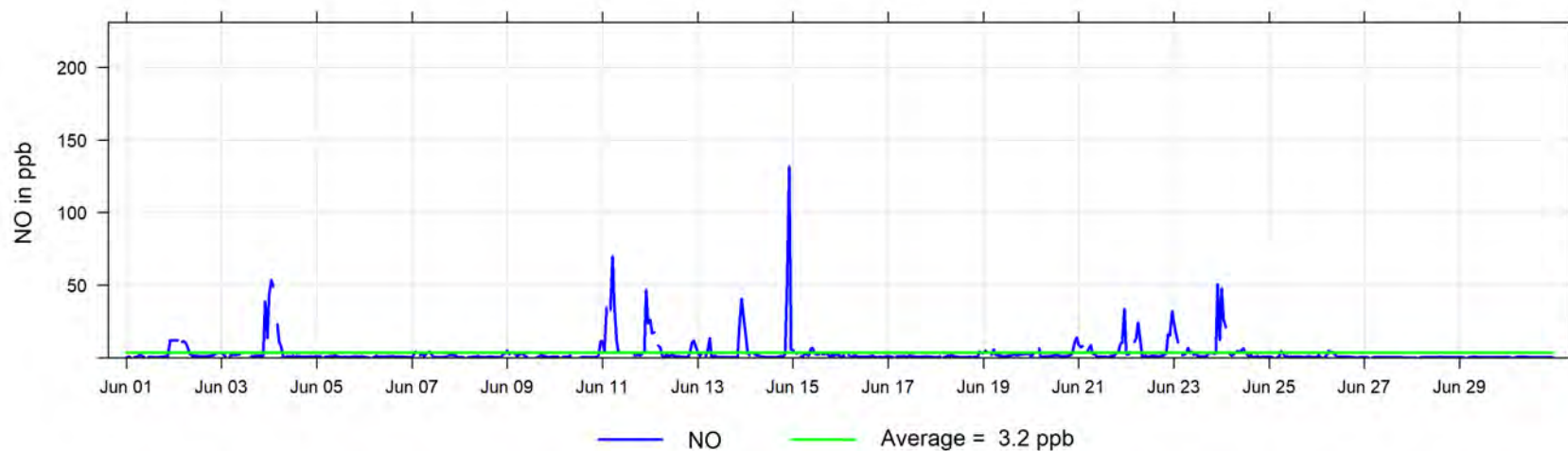
June 2026 30 min Concentration Readings of TRS (in ppb) at Happy Valley



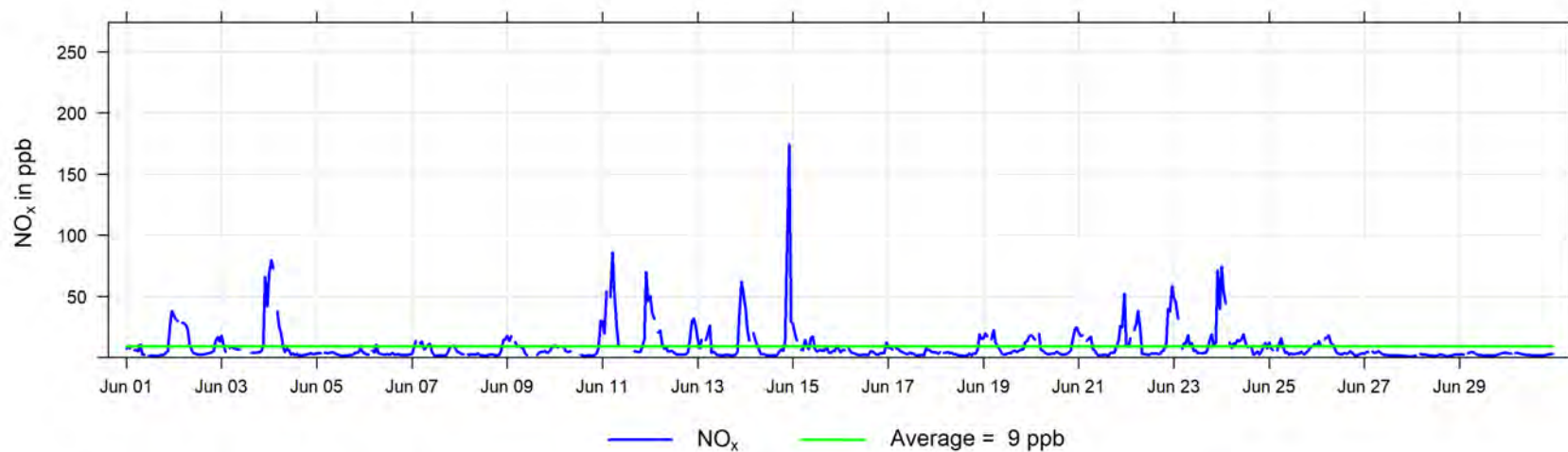
June 2026 Hourly Concentration Readings of TRS (in ppb) at Happy Valley



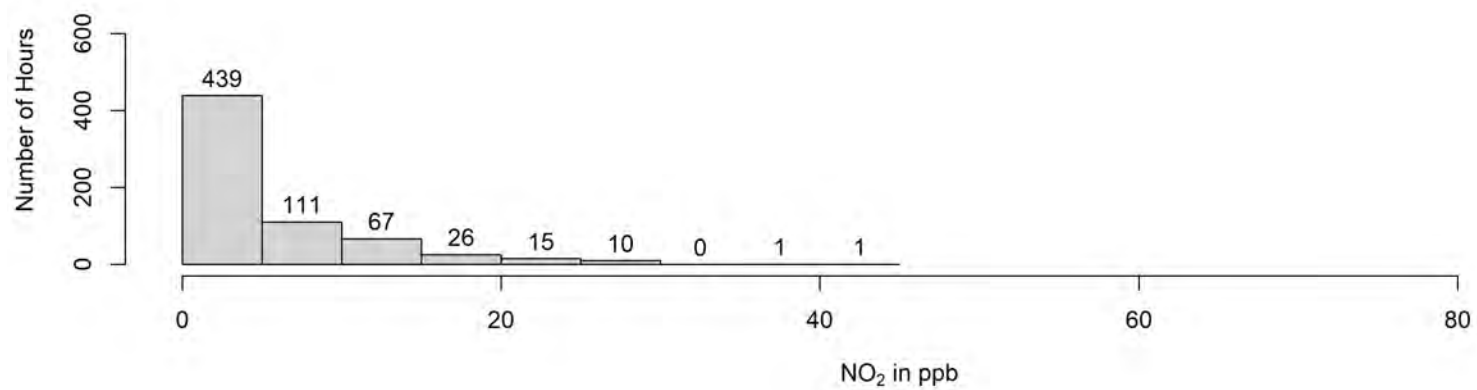
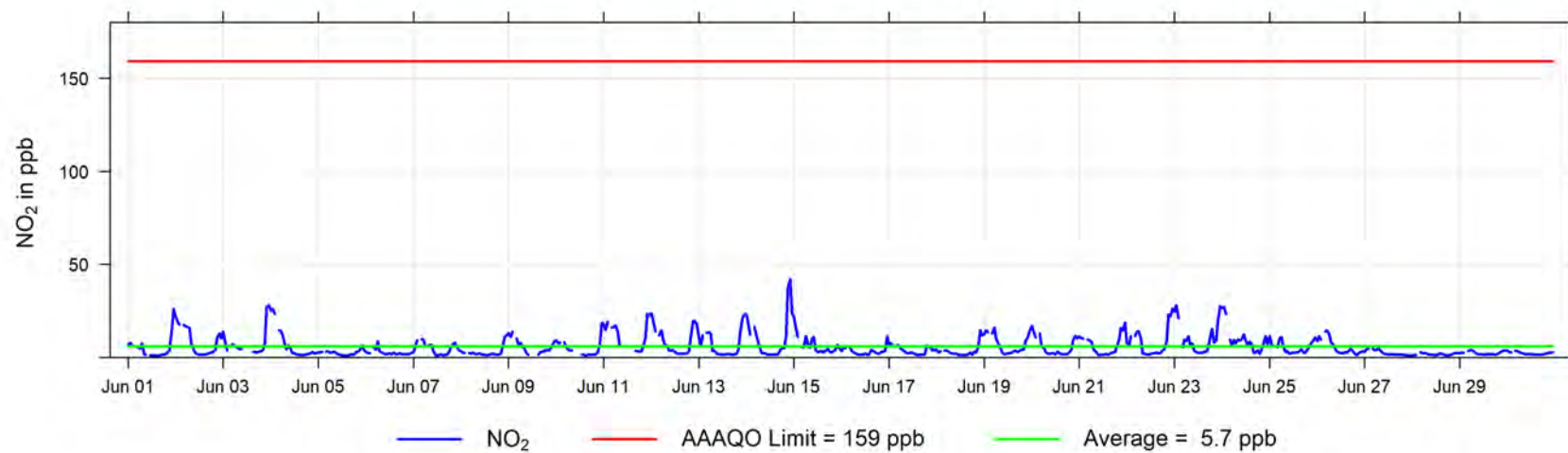
June 2026 Hourly Concentration Readings of NO (in ppb) at Happy Valley



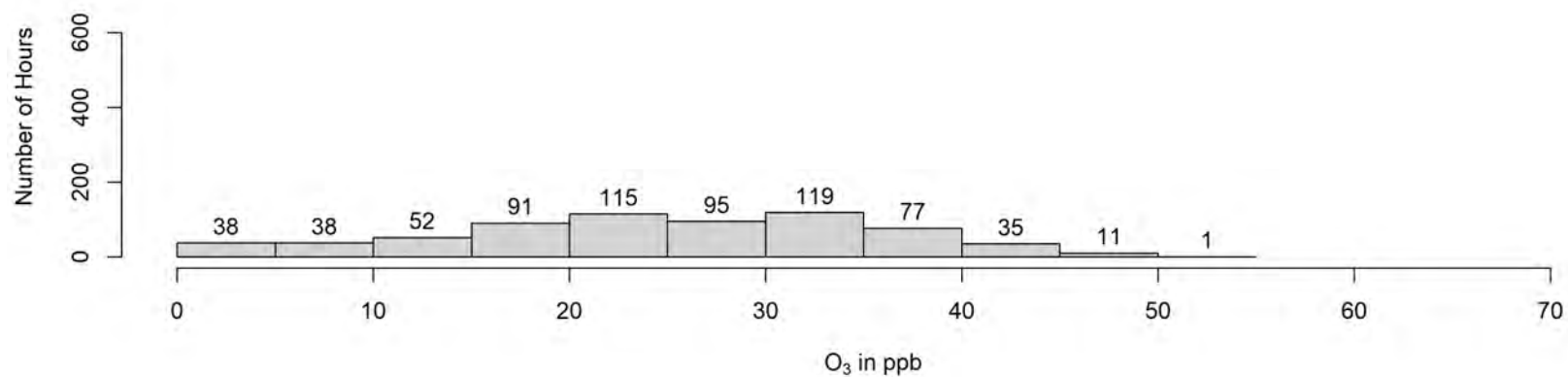
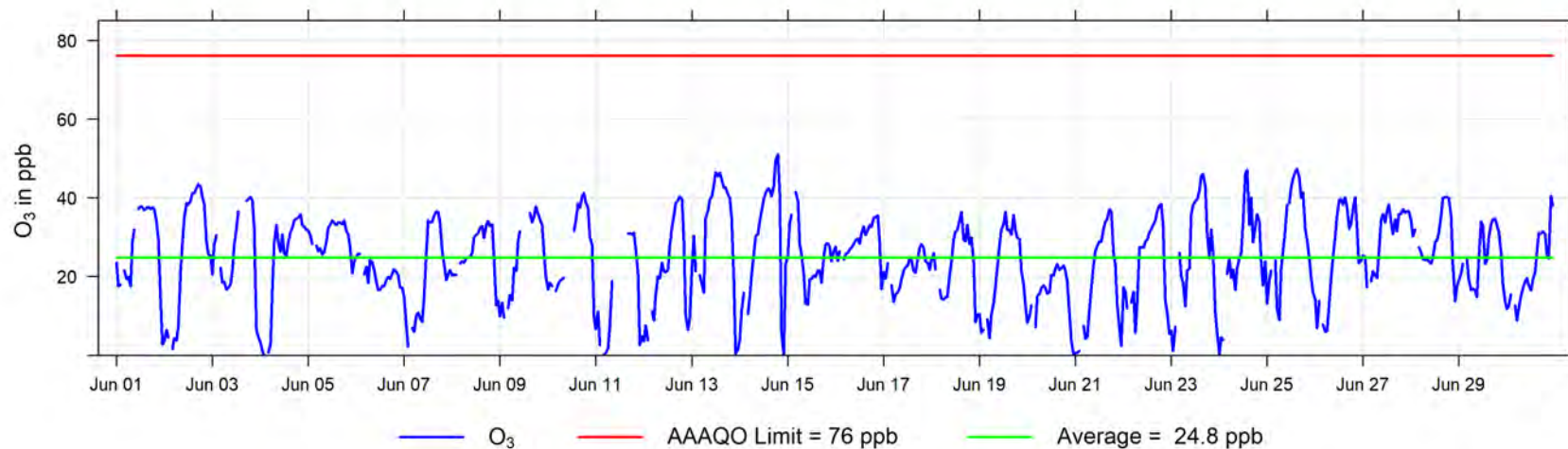
June 2026 Hourly Concentration Readings of NO_x (in ppb) at Happy Valley



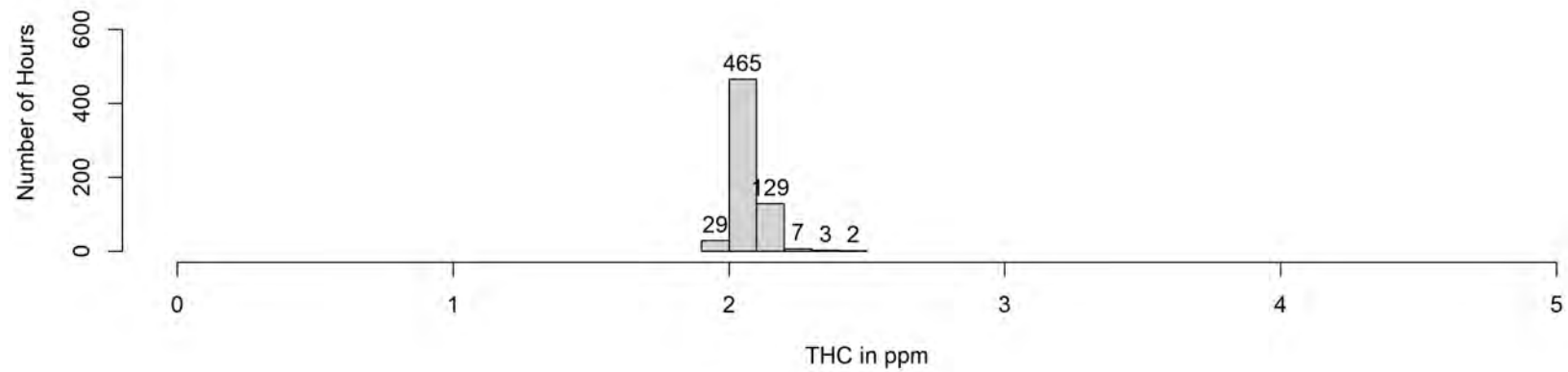
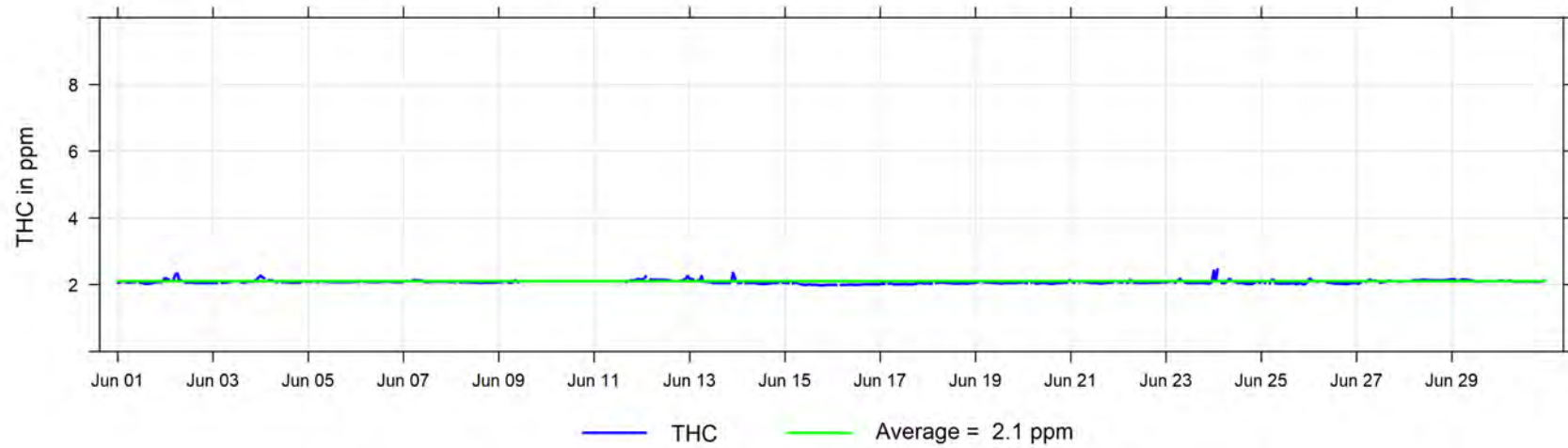
June 2026 Hourly Concentration Readings of NO₂ (in ppb) at Happy Valley



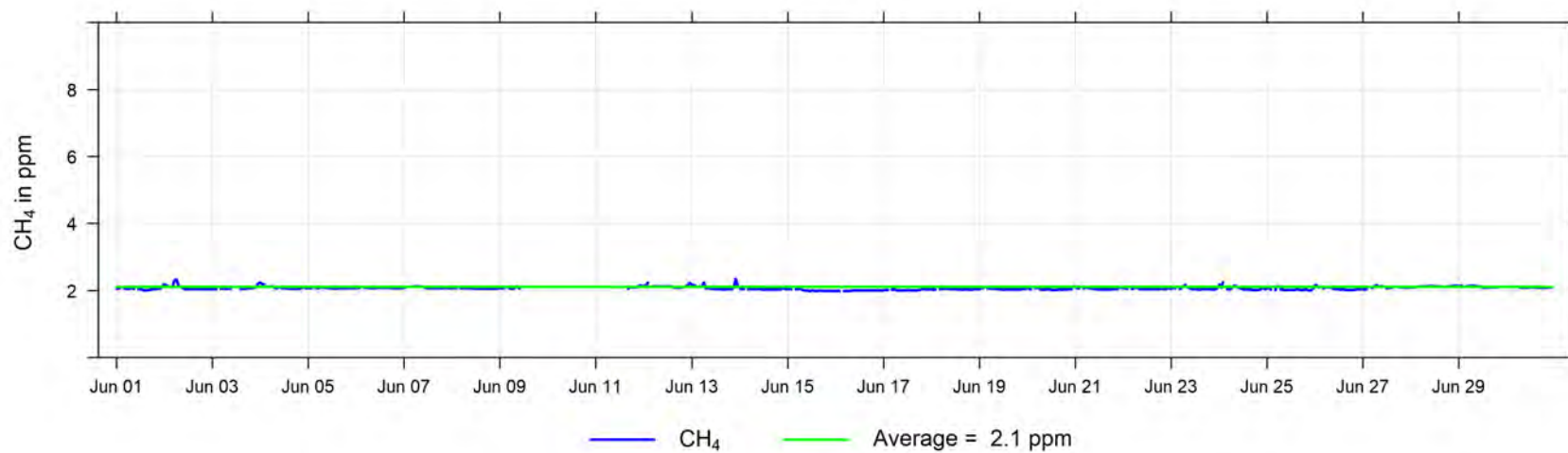
June 2026 Hourly Concentration Readings of O₃ (in ppb) at Happy Valley



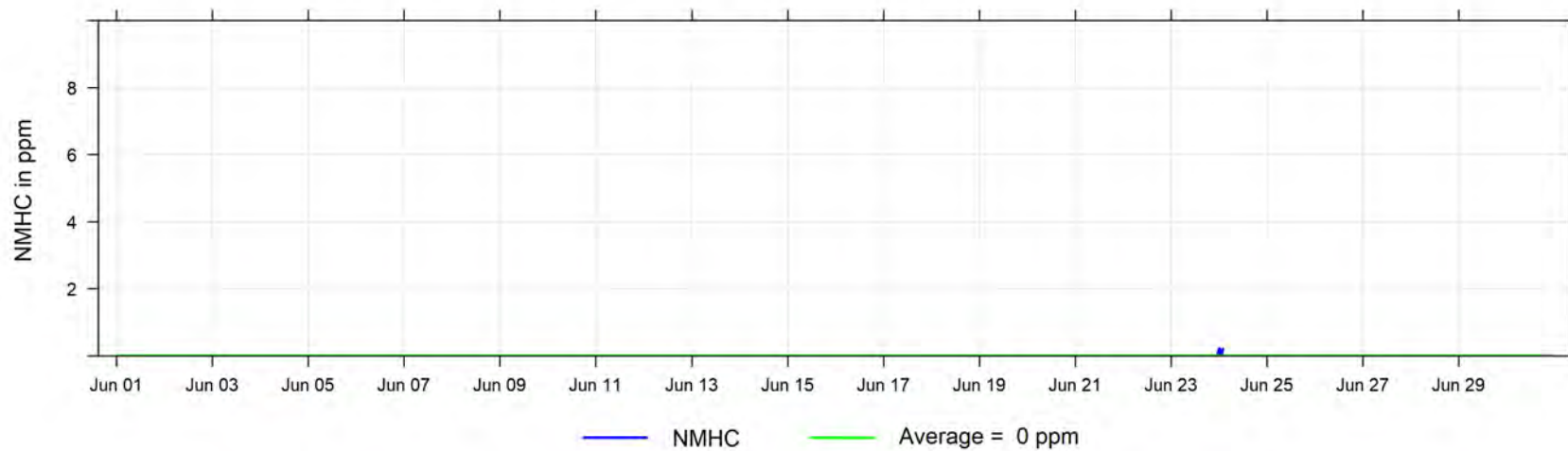
June 2026 Hourly Concentration Readings of THC (in ppm) at Happy Valley



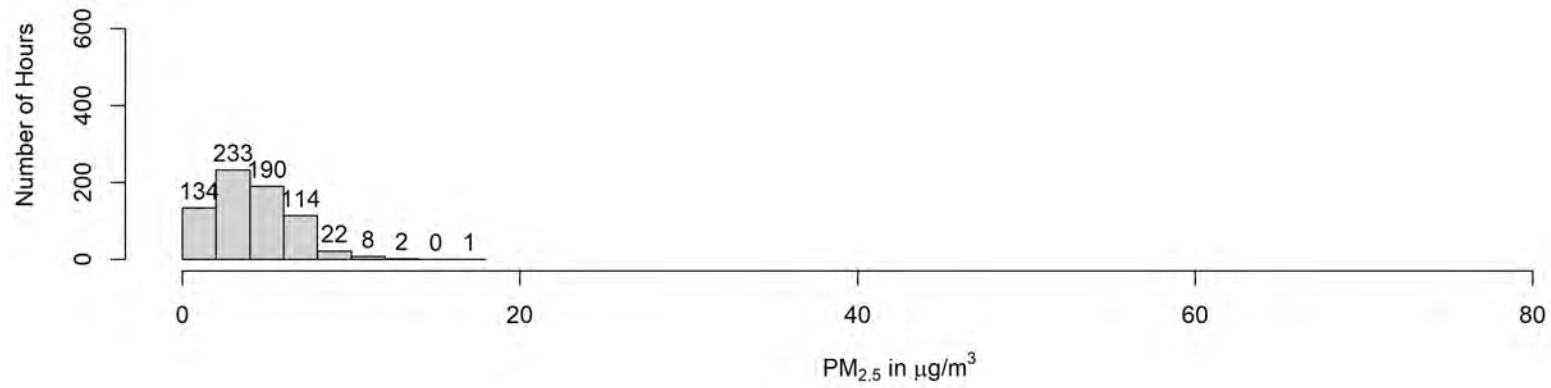
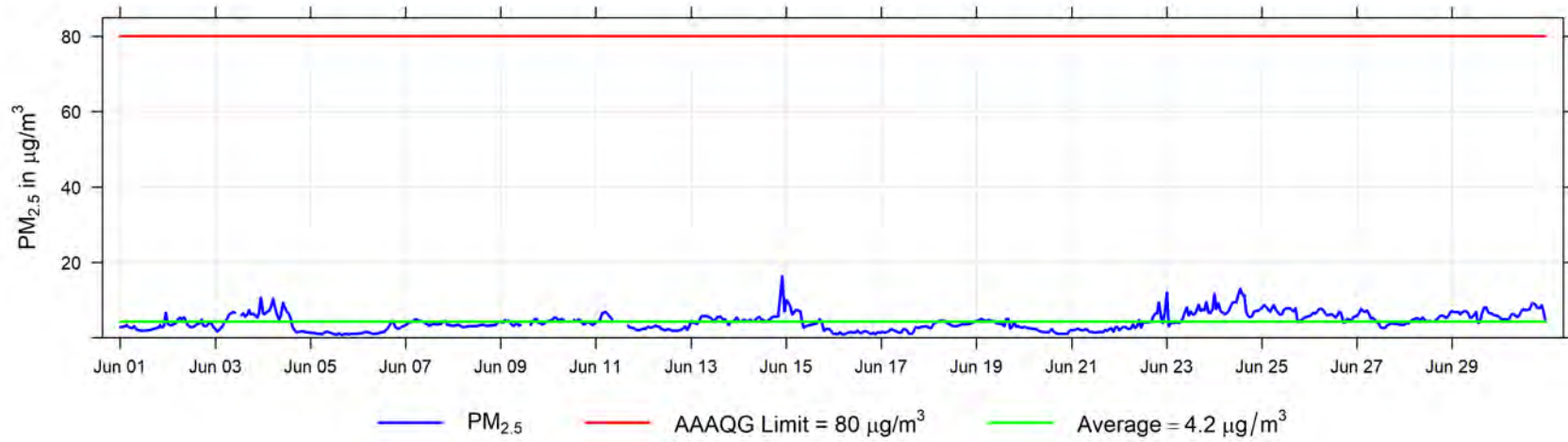
June 2026 Hourly Concentration Readings of CH₄ (in ppm) at Happy Valley



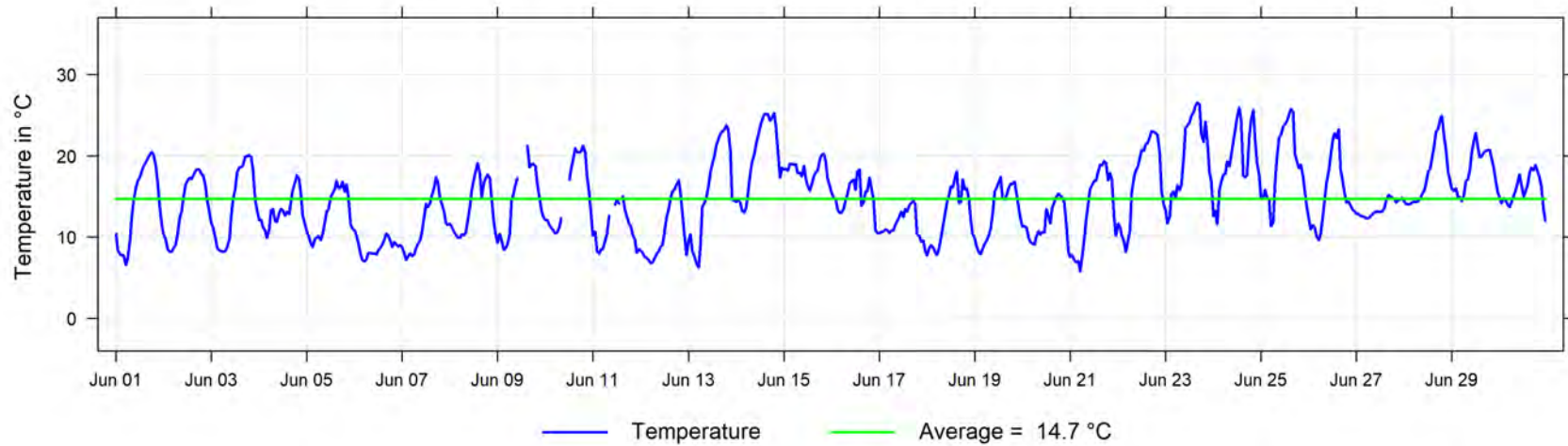
June 2026 Hourly Concentration Readings of NMHC (in ppm) at Happy Valley



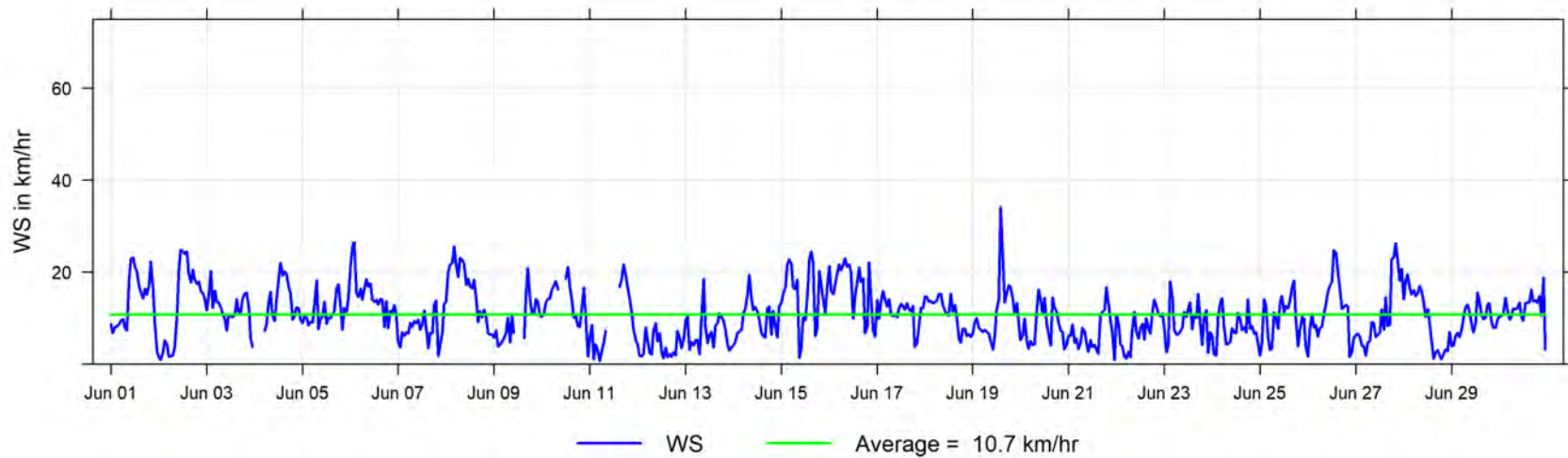
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Happy Valley



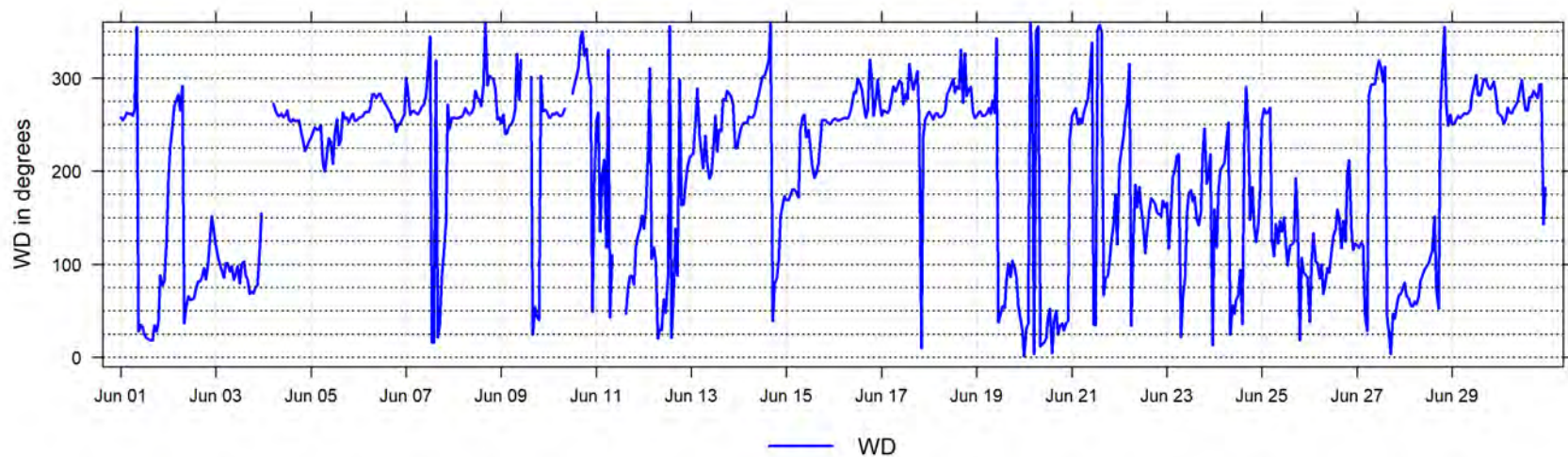
June 2026 Hourly Temperature Readings (in °C) at Happy Valley



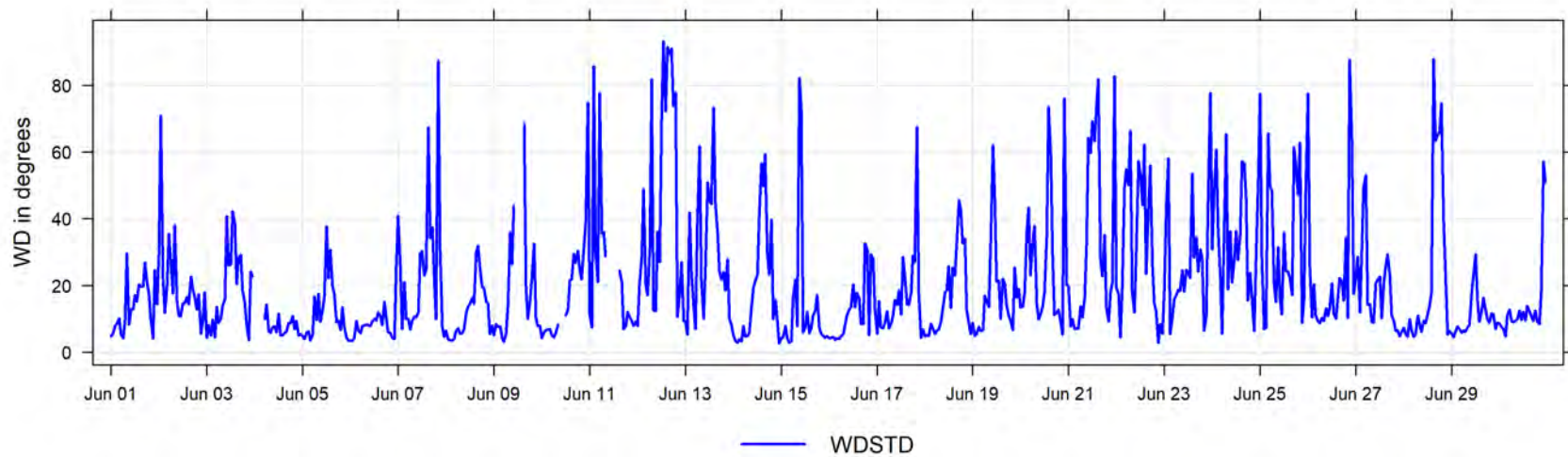
June 2026 Hourly Readings of Wind Speed (in km/hr) at Happy Valley

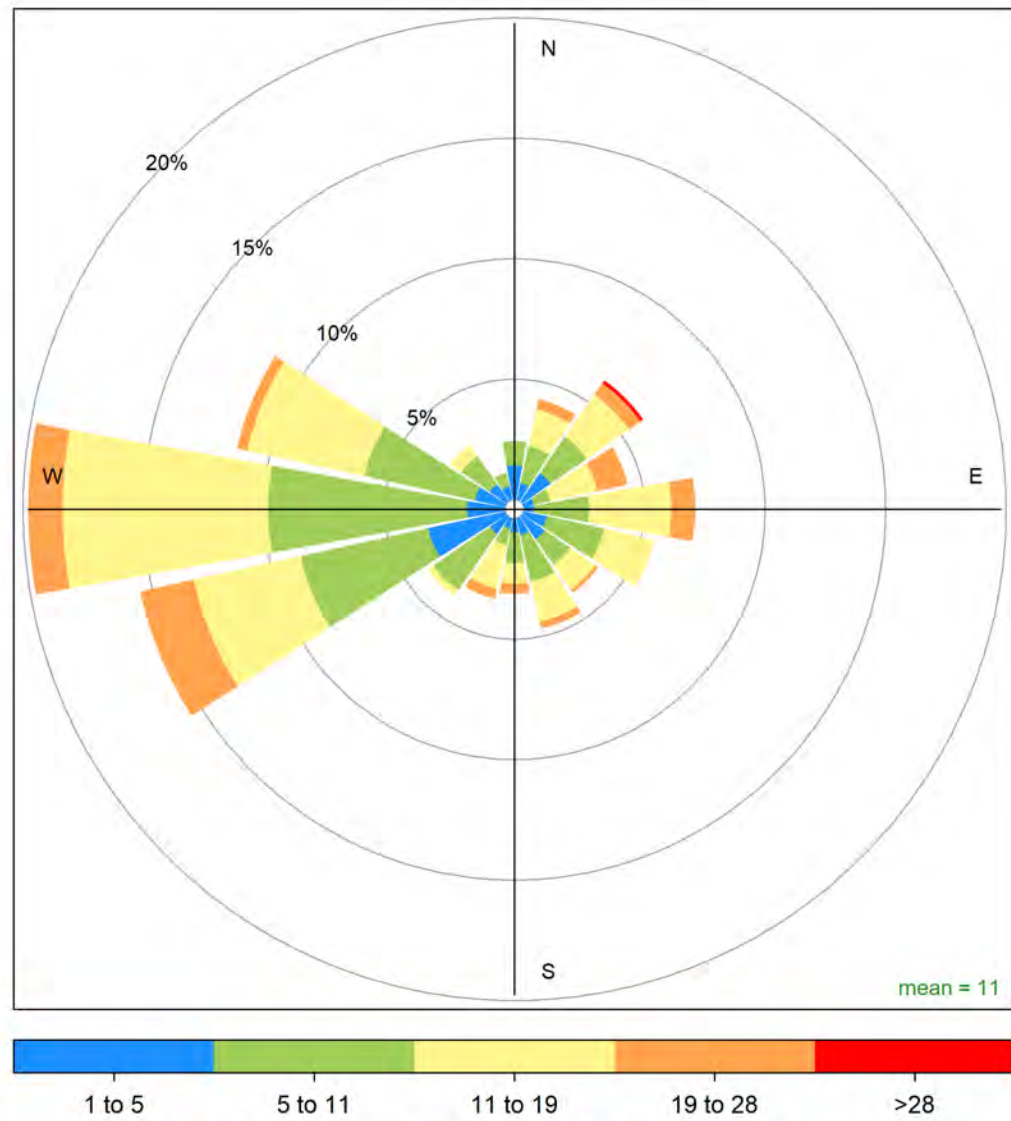


June 2026 Hourly Readings of Wind Direction (in degrees) at Happy Valley



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

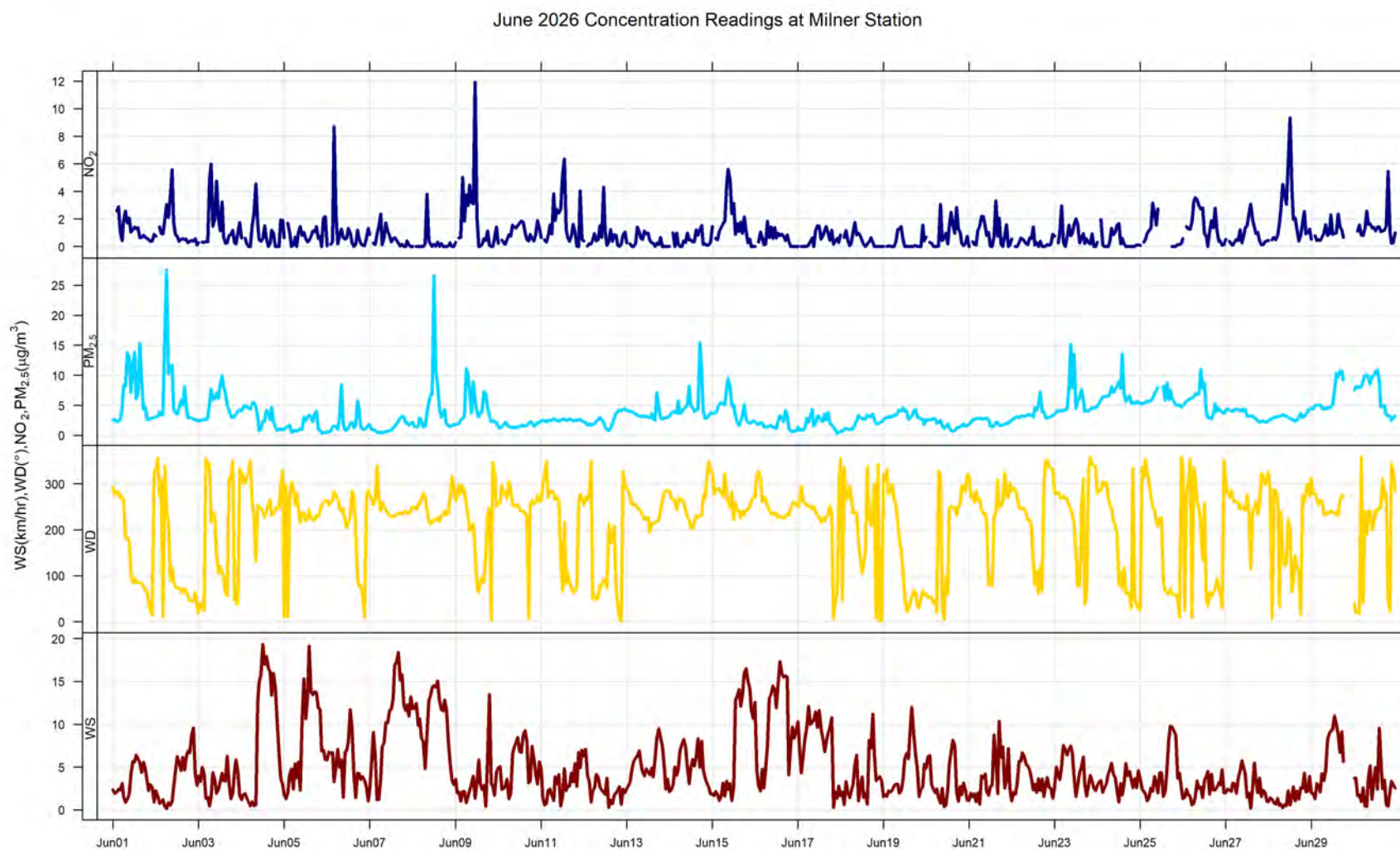




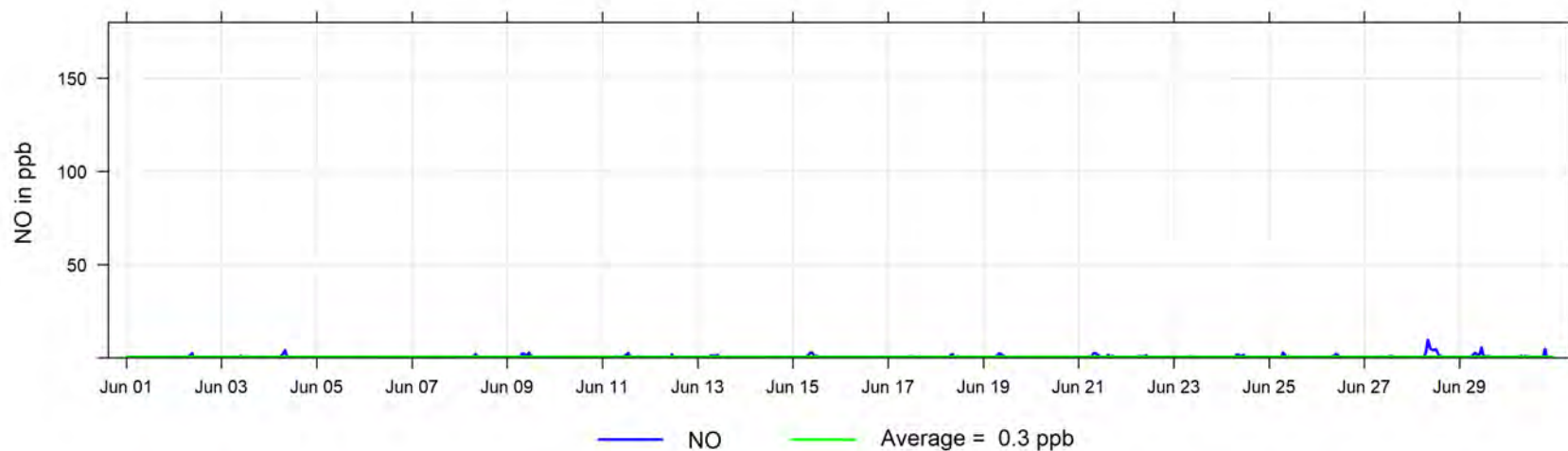
Happy Valley June 2026 Wind Rose, wind speed in km/hr
Calms (<1km/hr) = 0.4 %

9 Milner Charts

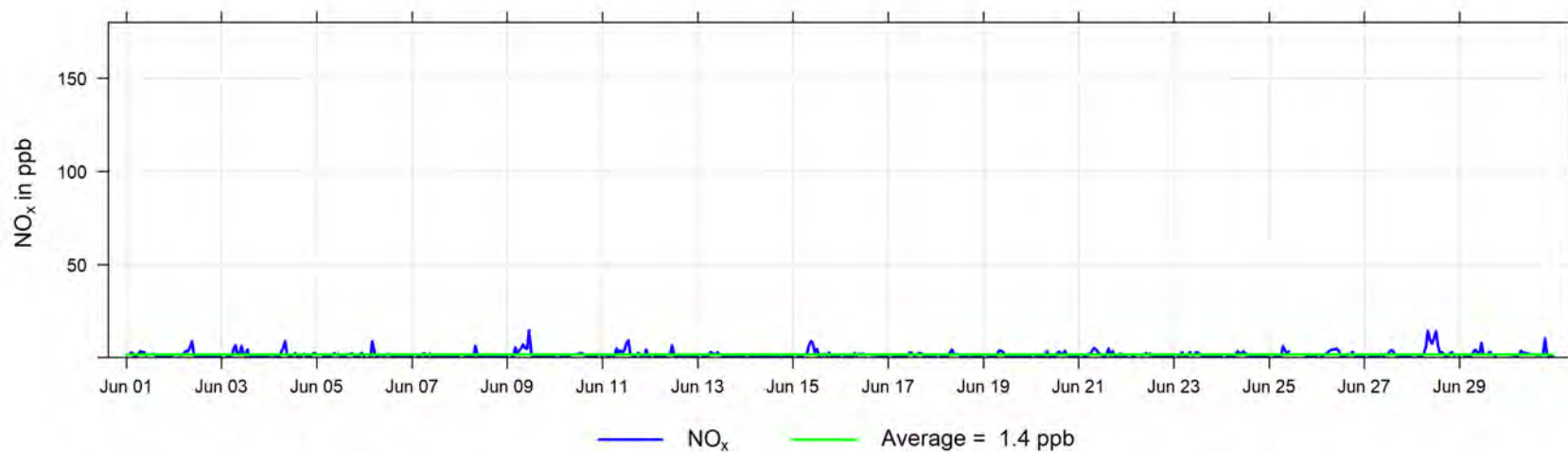
The following pages include the charts and histograms for Milner Station



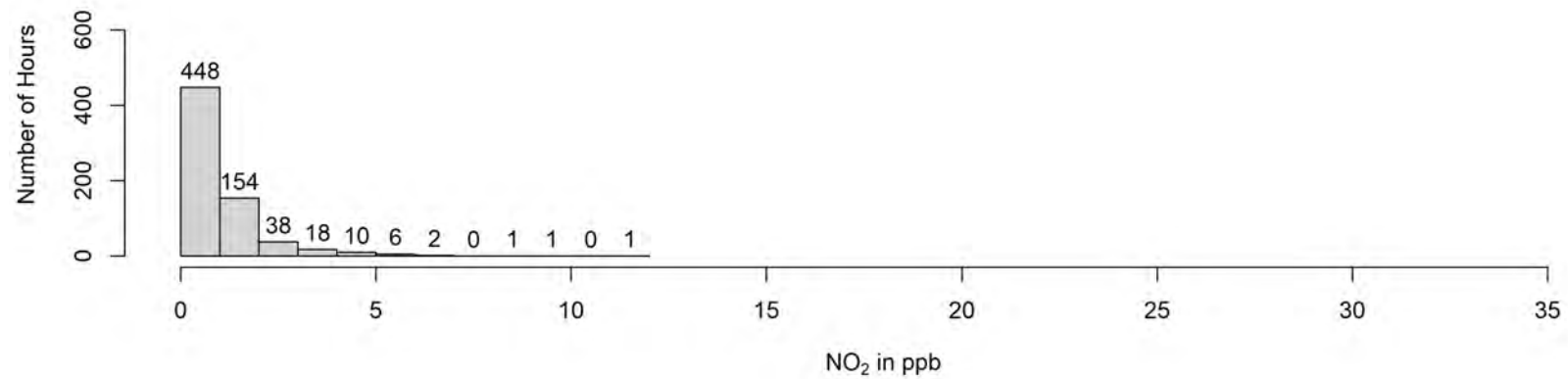
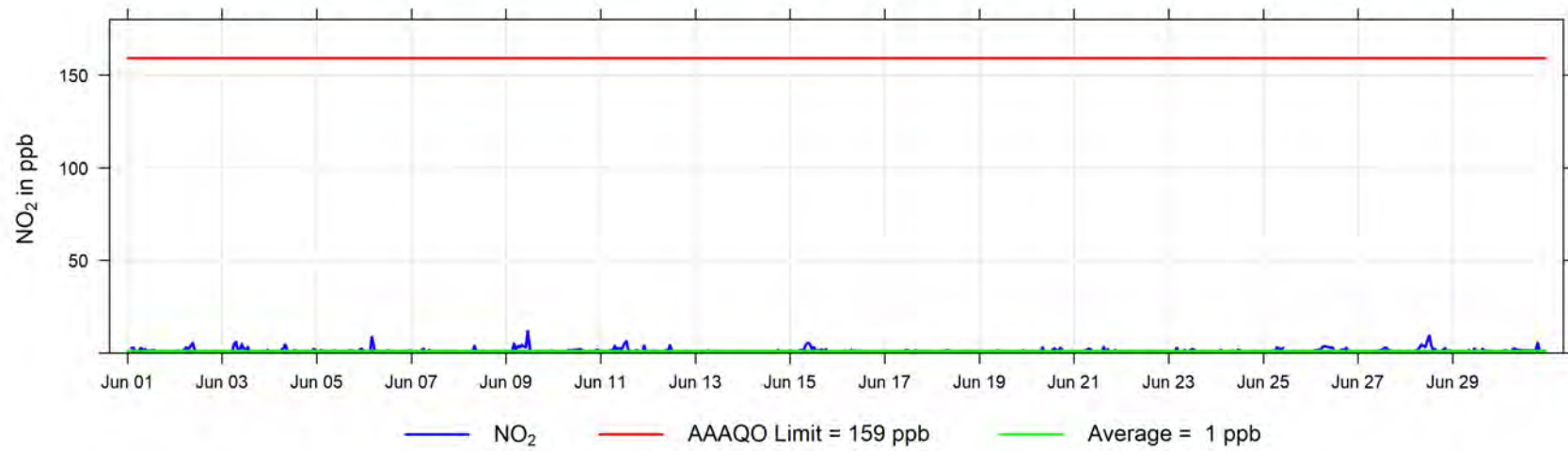
June 2026 Hourly Concentration Readings of NO (in ppb) at Milner



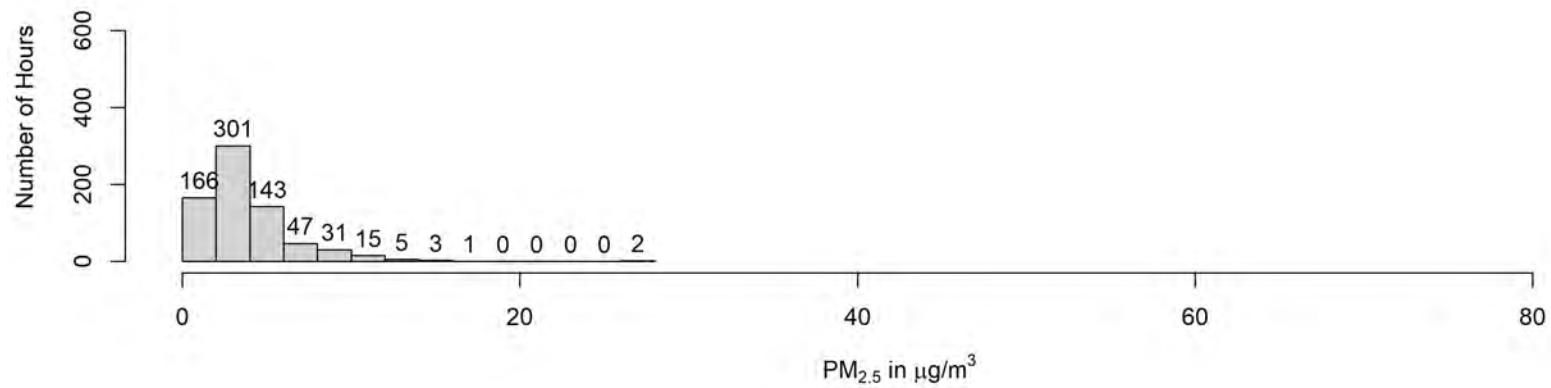
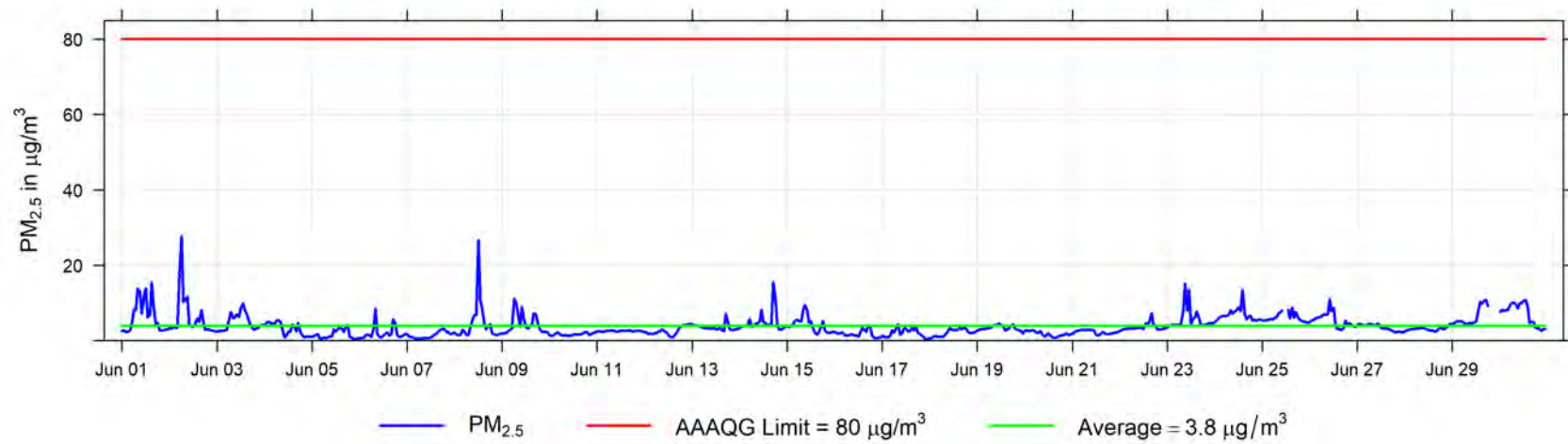
June 2026 Hourly Concentration Readings of NO_x (in ppb) at Milner



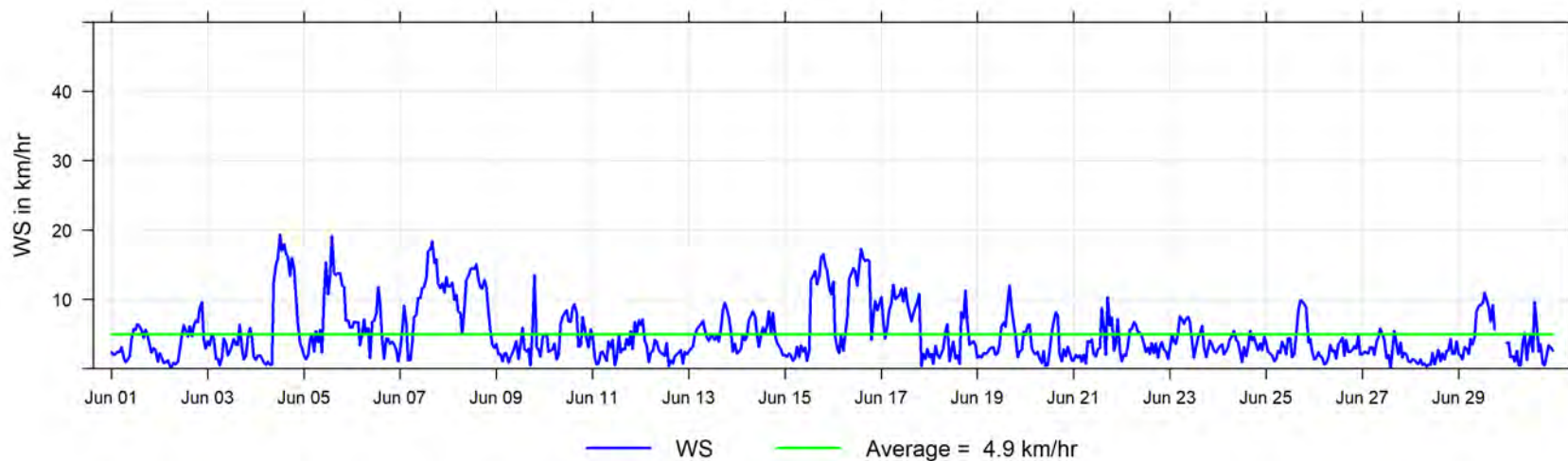
June 2026 Hourly Concentration Readings of NO₂ (in ppb) at Milner



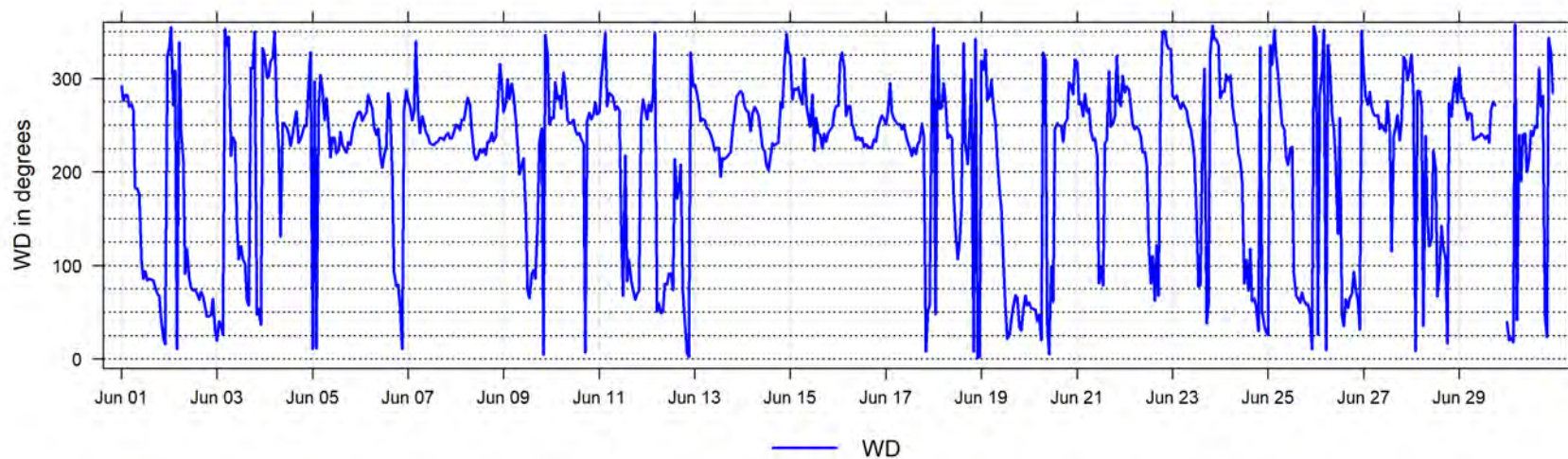
June 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Milner



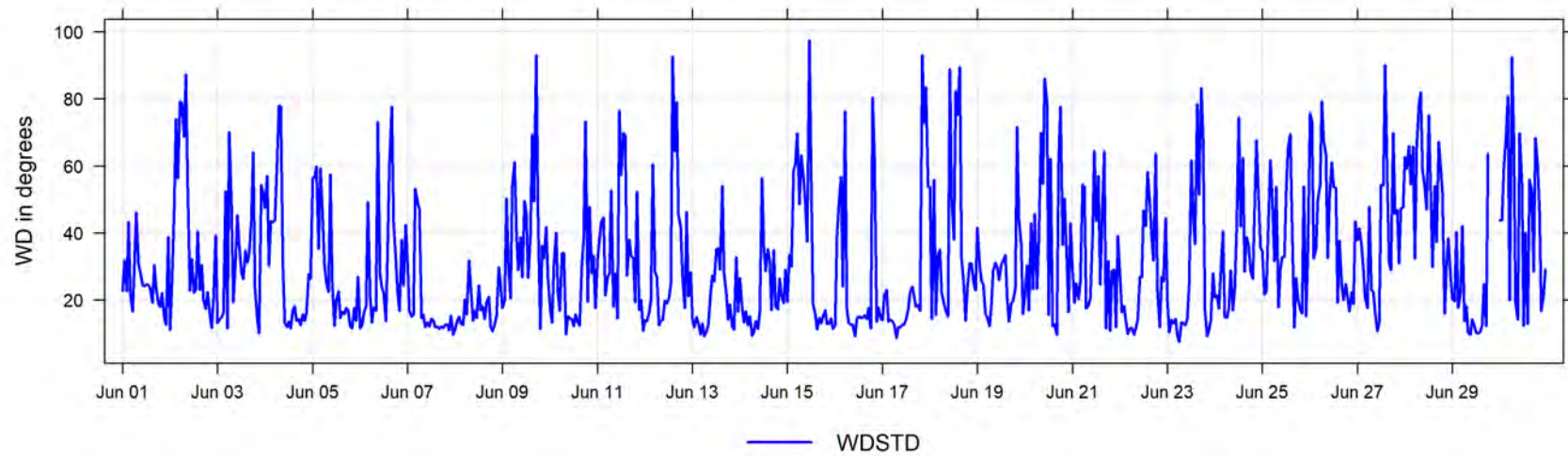
June 2026 Hourly Readings of Wind Speed (in km/hr) at Milner



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



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



10 Passive Monitoring Data

Peace Airshed Zone Association - PAZA Passive Stations for June 2026

Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
Duplicates						
2a	Bay Tree			broken		13-16-078-13 W6M
2b	Bay Tree			0.6		
3a	Forth Creek	0.1				04-13-082-07 W6M
3b	Forth Creek	0.2				
25a	Pinto Creek	0.1				04-24-069-11 W6M
25b	Pinto Creek	0.2				
27a	Grande Prairie I			1.8		08-15-071-06 W6M
27b	Grande Prairie I			2.5		
35a	Jean Cote			3.7		12-35-079-21 W5M
35b	Jean Cote			3.7		
37a	Crooked Creek		34.7			16-01-071-26 W5M
37b	Crooked Creek		31.0			
39a	Clouston Creek			2.2		12-01-073-22 W5M
39b	Clouston Creek			2.0		
44a	Peavine	0.1				03-05-079-15 W5M
44b	Peavine	0.2				
50a	East Prairie	0.1				11-13-079-08 W6M
50b	East Prairie	0.1				
G3a	Girouxville 3				0.38	14-02-077-23 W5M
G3b	Girouxville 3				0.44	
D1a	Duvernay 1	0.5			0.02	04-33-062-20 W5M
D1b	Duvernay 1	0.5			0.06	
K3a	Kakwa 3			1.7		12-18-063-04 W6M
K3b	Kakwa 3			1.3		
K1a	Kakwa 1	0.2				01-13-063-05 W6M
K1b	Kakwa 1	0.4				
K4a	Kakwa 4				0.04	06-18-063-04 W6M
K4b	Kakwa 4				0.04	
M9Ba	Milner Pipeline			0.3		12-14-058-08 W6M
M9Bb	Milner Pipeline			0.5		
M9Aa	Milner Powerline	<0.1				06-14-058-08 W6M
M9Ab	Milner Powerline	<0.1				
J2Da	Jayar2 14-8			1.2		07-08-062-03 W6M
J2Db	Jayar2 14-8			1.4		
J5Da	Jayar5 Camp	0.2				11-08-062-03 W6M
J5Db	Jayar5 Camp	0.3				
J3Da	Jayar3 Bone Yard				<0.02	14-08-062-03 W6M
J3Db	Jayar3 Bone Yard				<0.02	

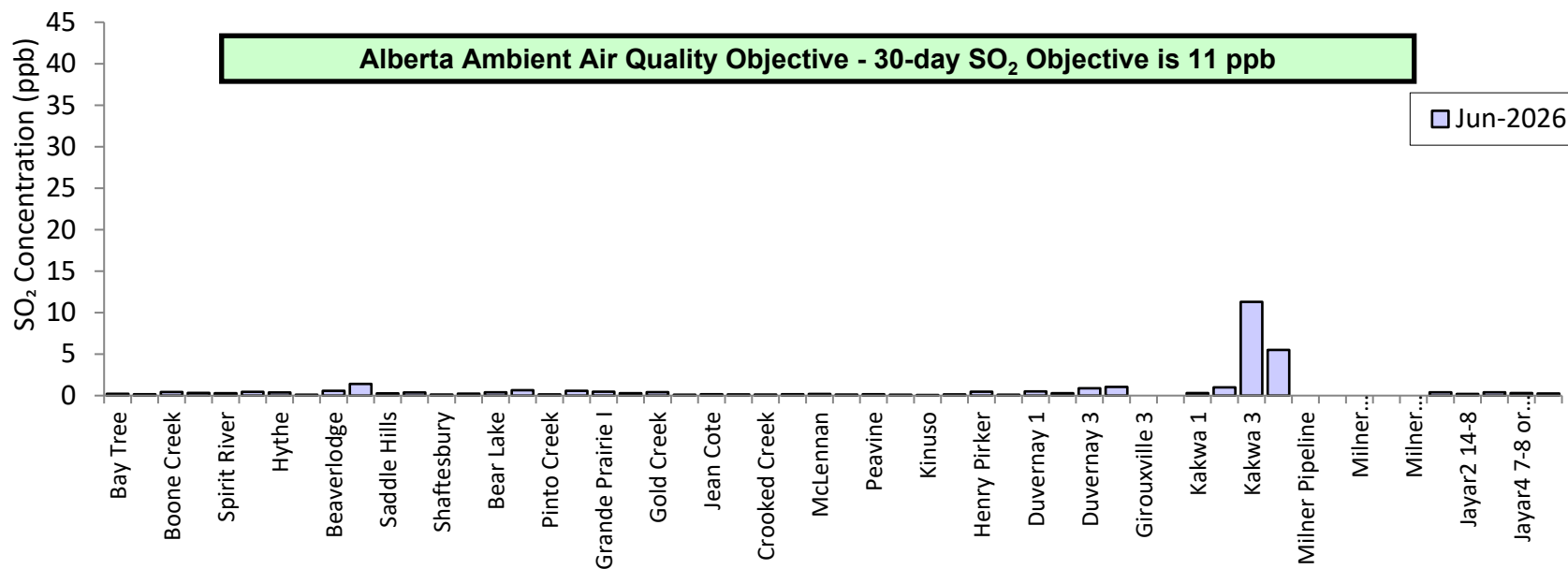
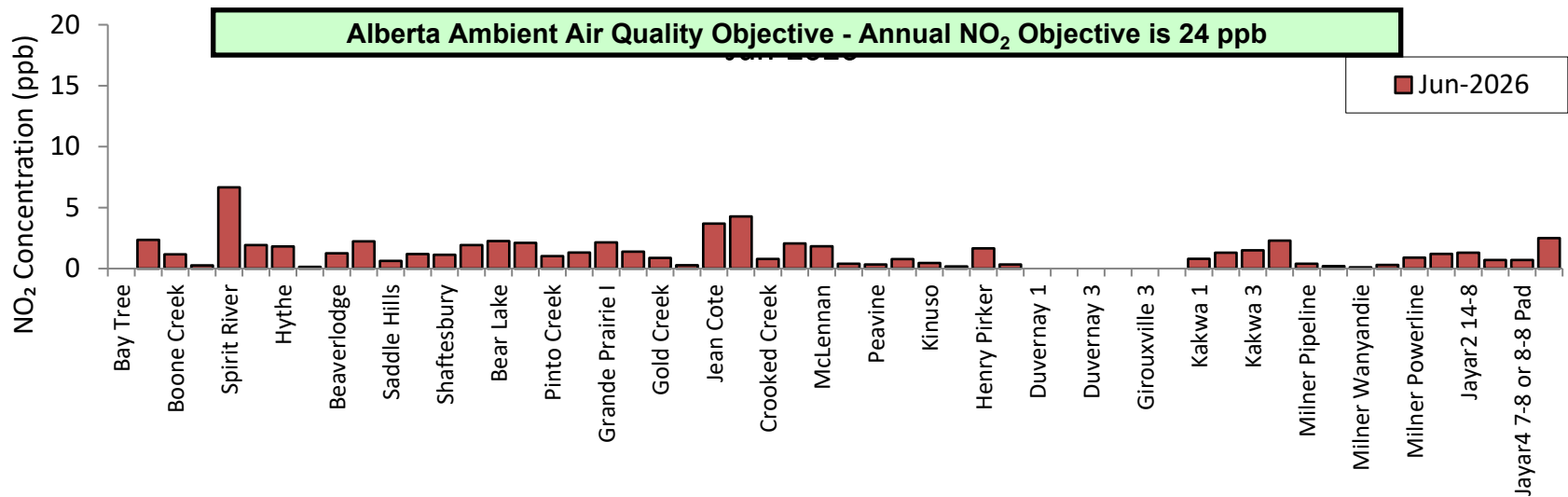
Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
2	Bay Tree	0.2	29.8	0.6, broken	-	13-16-078-13 W6M
3	Forth Creek	0.2	-	2.4	-	04-13-082-07 W6M
5	Boone Creek	0.4	-	1.2	-	01-23-076-11 W6M
7	Steeprock Creek	0.3	-	0.3	-	09-35-072-13 W6M
9	Spirit River	0.3	-	6.7	-	08-12-079-07 W6M
11	Webber Creek	0.4	-	1.9	-	09-36-074-09 W6M
12	Hythe	0.4	-	1.8	-	14-36-072-11 W6M
14	Sylvester	0.1	-	0.1	-	08-06-069-12 W6M
16	Beaverlodge	0.6	-	1.3	-	15-36-071-10 W6M
17	Poplar	1.4	-	2.2	-	13-06-073-08 W6M
18	Saddle Hills	0.3	-	0.6	-	04-25-074-07 W6M
19	Wanham	0.4	-	1.2	-	16-22-077-03 W6M
20	Shaftesbury	0.1	-	1.1	-	04-03-082-23 W5M
21	Eaglesham	0.2	-	1.9	-	16-21-079-25 W5M
23	Bear Lake	0.4	-	2.3	-	15-31-072-06 W6M
24	Wembley	0.6	-	2.1	-	12-31-070-08 W6M
25	Pinto Creek	0.1	-	1.0	-	04-24-069-11 W6M
26	Flyingshot	0.6	-	1.3	-	15-36-070-07 W6M
27	Grande Prairie I	0.5	-	2.2	-	08-15-071-06 W6M
29	Smoky Heights	0.3	-	1.4	-	04-06-075-02 W6M
32	Gold Creek	0.4	-	0.9	-	06-33-067-05 W6M
34	Puskwaskau	0.1	-	0.3	-	15-35-074-25 W5M
35	Jean Cote	0.2	-	3.7	-	12-35-079-21 W5M
36	Guy	0.1	-	4.3	0.14	03-04-076-22 W5M
37	Crooked Creek	0.1	32.9	0.8	-	16-01-071-26 W5M
39	Clouston Creek	0.2	-	2.1	-	12-01-073-22 W5M
40	McLennan	0.2	-	1.8	-	03-29-077-19 W5M
42	Sunset House	0.1	-	0.4	-	05-32-070-19 W5M
44	Peavine	0.2	-	0.3	-	03-05-079-15 W5M
46	Little Smoky	0.1	-	0.8	-	12-01-065-21 W5M
47	Kinuso	0.1	30.2	0.5	-	12-10-073-10 W5M
48	Deer Mountain	0.1	-	0.2	-	15-22-068-09 W5M
49	Henry Piker	0.5	-	1.7	-	17-26-071-06 W6M
50	East Prairie	0.1	-	0.3	-	11-13-079-08 W6M
D1	Duvernay 1	0.5	-	-	0.04	04-33-062-20 W5M
D2	Duvernay 2	0.3	-	-	0.02	04-33-062-20 W5M
D3	Duvernay 3	0.9	-	-	0.05	04-33-062-20 W5M
D4	Duvernay 4	1.0	-	-	0.04	04-33-062-20 W5M
G3	Girouxville 3	-	-	-	0.04	14-02-077-23 W5M
G4	Girouxville 4	-	-	-	0.36	04-08-077-22 W5M
K1	Kakwa 1	0.3	-	0.8	<0.02	01-13-063-05 W6M
K2	Kakwa 2	1.0	-	1.3	<0.02	08-13-063-05 W6M
K3	Kakwa 3	11.3	-	1.5	0.08	12-18-063-04 W6M
K4	Kakwa 4	5.5	-	2.3	0.04	06-18-063-04 W6M
M1	Milner Pipeline	<0.1	-	0.4	-	12-14-058-08 W6M
M2	Milner Bridge	<0.1	-	0.2	-	08-06-057-08 W6M
M3	Milner Wanyandie	<0.1	-	0.1	-	11-13-058-08 W6M
M4	Milner Ambient Trailer	<0.1	-	0.3	-	09-15-058-08 W6M
M5	Milner Powerline	<0.1	-	0.9	-	06-14-058-08 W6M
J1	Jayar1 Plant	0.4	-	1.2	<0.02	06-08-062-03 W6M
J2	Jayar2 14-8	0.2	-	1.3	<0.02	07-08-062-03 W6M
J3	Jayar3 Bone Yard	0.4	-	0.7	<0.02	14-08-062-03 W6M
J4	Jayar4 7-8 or 8-8 Pad	0.3	-	0.7	<0.02	10-08-062-03 W6M
J5	Jayar5 Camp	0.3	-	2.5	0.04	11-08-062-03 W6M

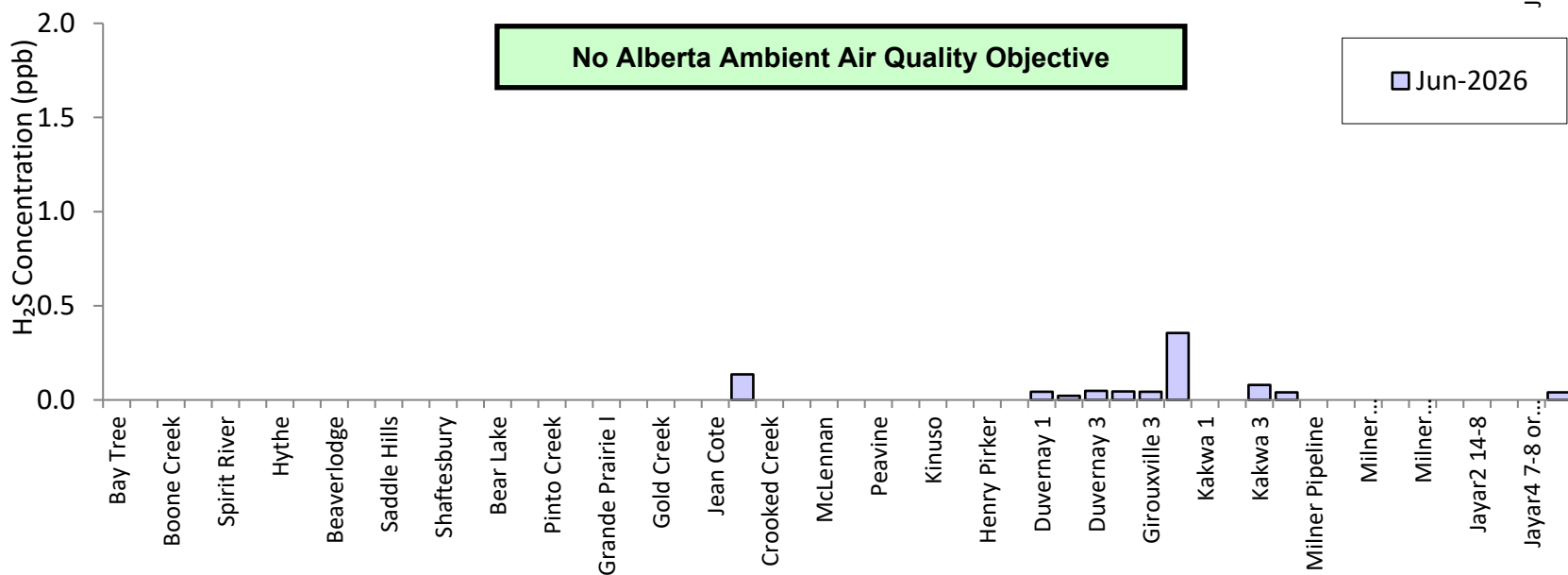
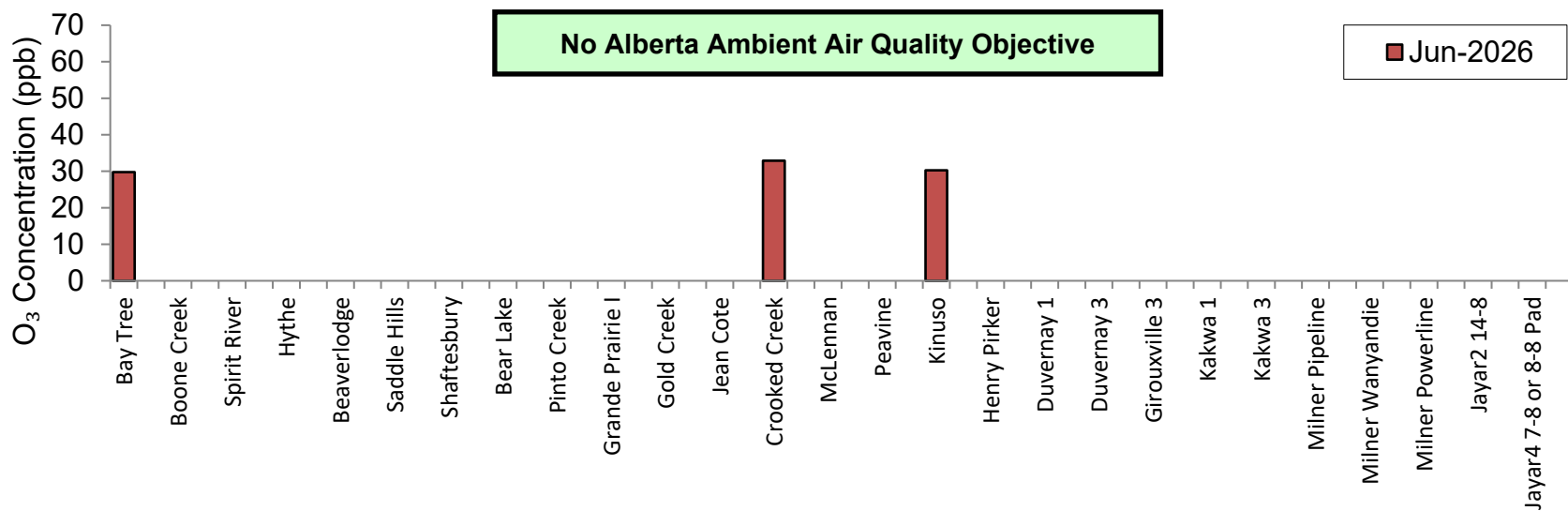
Passive Summary for June 2026

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

Passive Summary for June 2026 (PAZA)				
Mean	0.7	31.0	1.4	0.1
Standard Deviation	1.8	1.7	1.2	0.1
Minimum	0.1	29.8	0.1	0.0
	Kinuso (#47)	Bay Tree (#2)	Milner Wanyandie (#M3)	Duvernay 2 (#D2)
Maximum	11.3	32.9	6.7	0.4
	Kakwa 3 (#K3)	Crooked Creek (#37)	Spirit River (#9)	Girouxville 4 (#G4)

Continuous and Passive Monitoring Comparision				
PAZA Beaverlodge Station	0.6	27.8	2.9	-
Beaverlodge Passive (#16)	0.6	-	1.3	-
PAZA Henry Pirker Station	0.3	27.0	4.4	0.1
Henry Pirker passive (#49)	0.5	-	1.7	-
Milner Station	-	-	1.0	-
Milner passive	<0.1	-	0.3	-

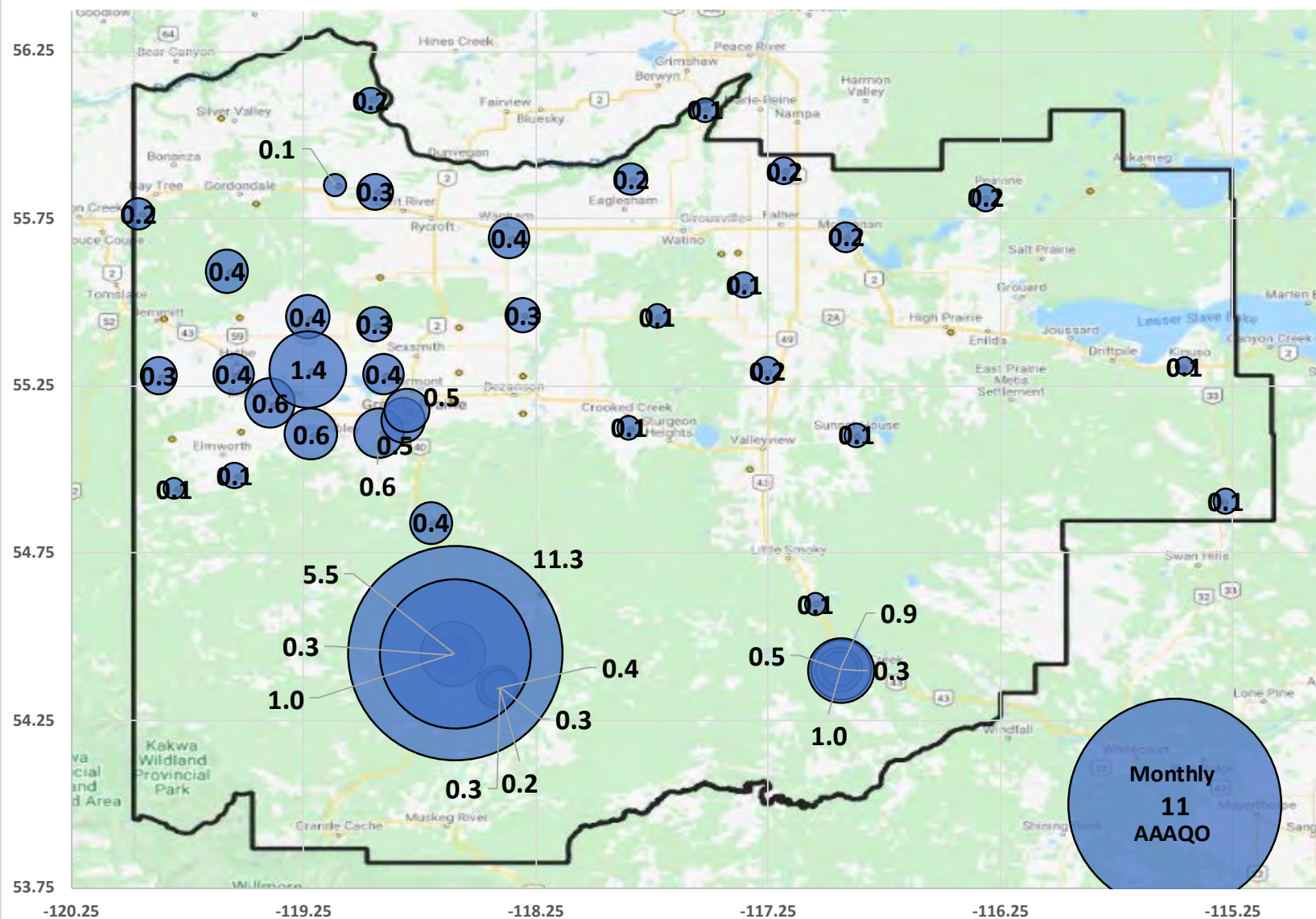




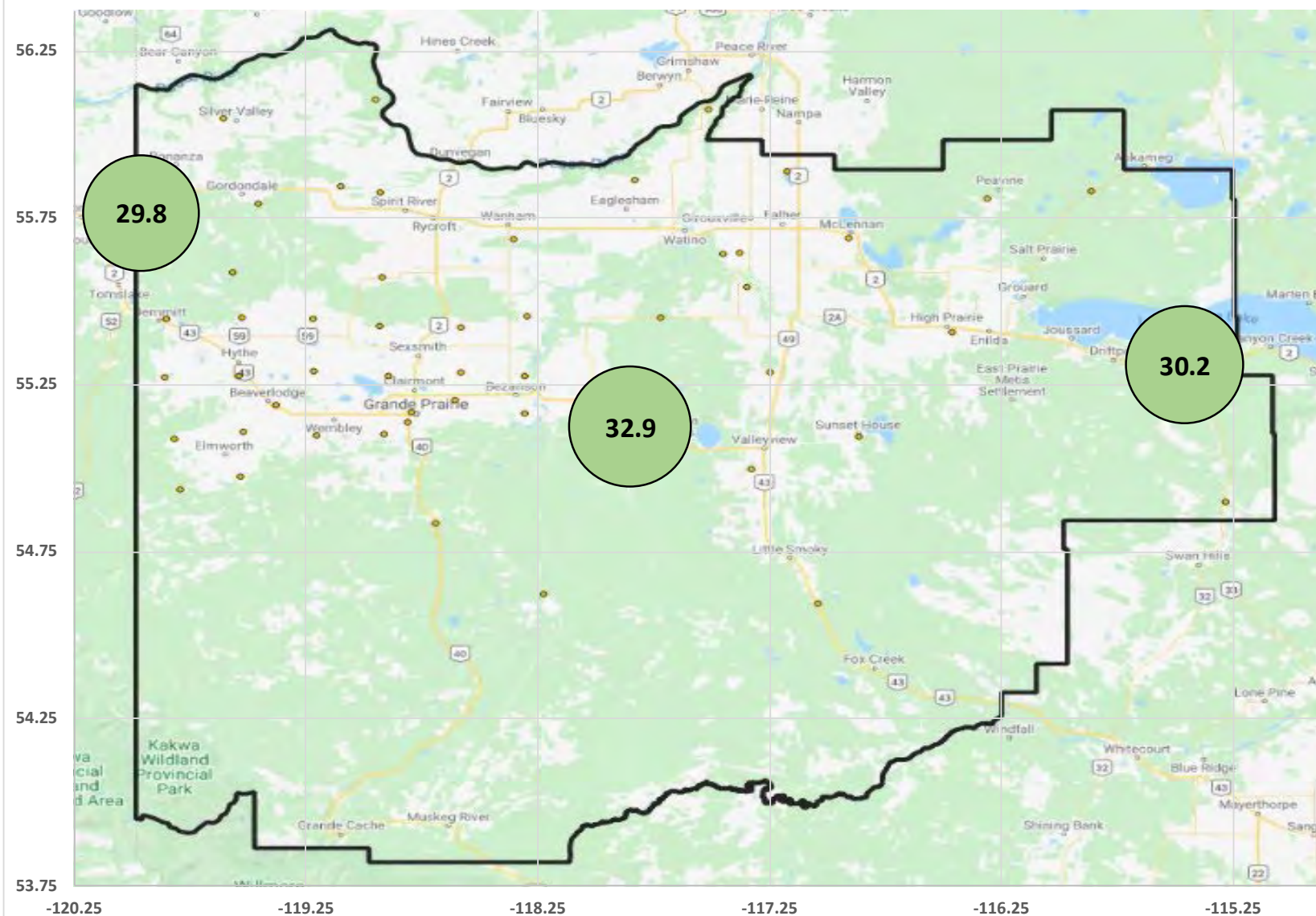
The map displays the Fort Collins area with 24 Annual AAAQO values. The values are represented by orange circles of varying sizes, with the size corresponding to the magnitude of the value. A legend in the bottom right corner shows a large orange circle labeled 'Annual 24 AAAQO'. The map includes major roads, water bodies, and geographical features like the Front Range and the city of Fort Collins.

Location (Approximate)	Annual AAAQO Value
Northwest (near Silver Valley)	2.4
North (near Fairview)	1.1
North (near Nampa)	3.7
North (near Watino)	1.9
North (near Watino)	4.3
North (near Watino)	2.1
North (near Watino)	1.8
North (near Watino)	1.2
North (near Watino)	1.4
North (near Watino)	0.3
North (near Watino)	0.6
North (near Watino)	2.3
North (near Watino)	1.7
North (near Watino)	2.2
North (near Watino)	0.9
North (near Watino)	1.3
North (near Watino)	1.0
North (near Watino)	1.8
North (near Watino)	1.9
North (near Watino)	2.2
North (near Watino)	1.3
North (near Watino)	0.3
North (near Watino)	0.1
North (near Watino)	0.2
North (near Watino)	0.3
North (near Watino)	0.4
North (near Watino)	0.5
North (near Watino)	0.6
North (near Watino)	0.7
North (near Watino)	0.8
North (near Watino)	0.9
North (near Watino)	1.0
North (near Watino)	1.1
North (near Watino)	1.2
North (near Watino)	1.3
North (near Watino)	1.4
North (near Watino)	1.5
North (near Watino)	1.6
North (near Watino)	1.7
North (near Watino)	1.8
North (near Watino)	1.9
North (near Watino)	2.0
North (near Watino)	2.1
North (near Watino)	2.2
North (near Watino)	2.3
North (near Watino)	2.4
North (near Watino)	2.5
North (near Watino)	2.6
North (near Watino)	2.7
North (near Watino)	2.8
North (near Watino)	2.9
North (near Watino)	3.0
North (near Watino)	3.1
North (near Watino)	3.2
North (near Watino)	3.3
North (near Watino)	3.4
North (near Watino)	3.5
North (near Watino)	3.6
North (near Watino)	3.7
North (near Watino)	3.8
North (near Watino)	3.9
North (near Watino)	4.0
North (near Watino)	4.1
North (near Watino)	4.2
North (near Watino)	4.3
North (near Watino)	4.4
North (near Watino)	4.5
North (near Watino)	4.6
North (near Watino)	4.7
North (near Watino)	4.8
North (near Watino)	4.9
North (near Watino)	5.0
North (near Watino)	5.1
North (near Watino)	5.2
North (near Watino)	5.3
North (near Watino)	5.4
North (near Watino)	5.5
North (near Watino)	5.6
North (near Watino)	5.7
North (near Watino)	5.8
North (near Watino)	5.9
North (near Watino)	6.0
North (near Watino)	6.1
North (near Watino)	6.2
North (near Watino)	6.3
North (near Watino)	6.4
North (near Watino)	6.5
North (near Watino)	6.6
North (near Watino)	6.7
North (near Watino)	6.8
North (near Watino)	6.9
North (near Watino)	7.0
North (near Watino)	7.1
North (near Watino)	7.2
North (near Watino)	7.3
North (near Watino)	7.4
North (near Watino)	7.5
North (near Watino)	7.6
North (near Watino)	7.7
North (near Watino)	7.8
North (near Watino)	7.9
North (near Watino)	8.0
North (near Watino)	8.1
North (near Watino)	8.2
North (near Watino)	8.3
North (near Watino)	8.4
North (near Watino)	8.5
North (near Watino)	8.6
North (near Watino)	8.7
North (near Watino)	8.8
North (near Watino)	8.9
North (near Watino)	9.0
North (near Watino)	9.1
North (near Watino)	9.2
North (near Watino)	9.3
North (near Watino)	9.4
North (near Watino)	9.5
North (near Watino)	9.6
North (near Watino)	9.7
North (near Watino)	9.8
North (near Watino)	9.9
North (near Watino)	10.0

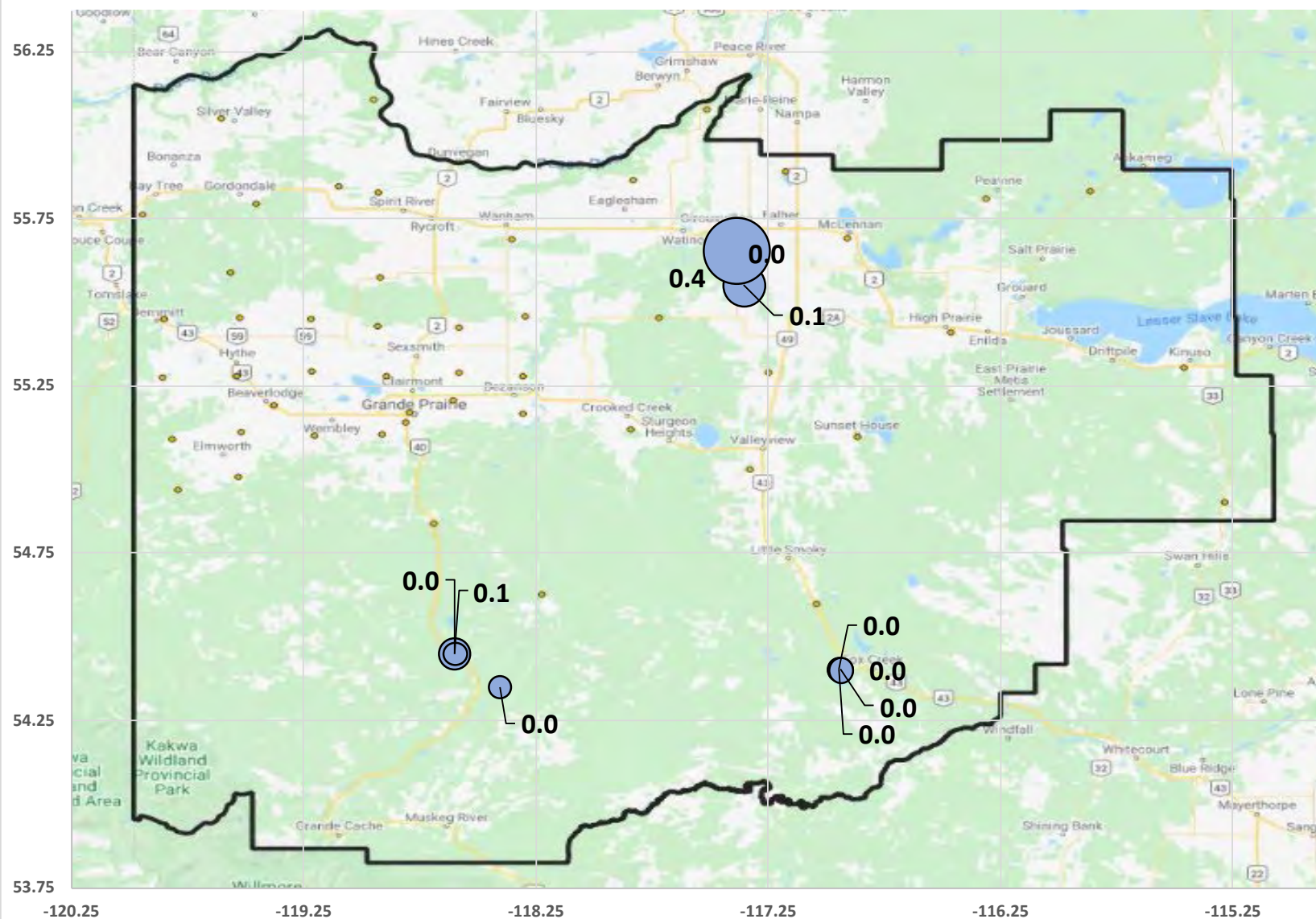
SO₂ Monthly Average (units in ppb)



O₃ Monthly Average (units in ppb)



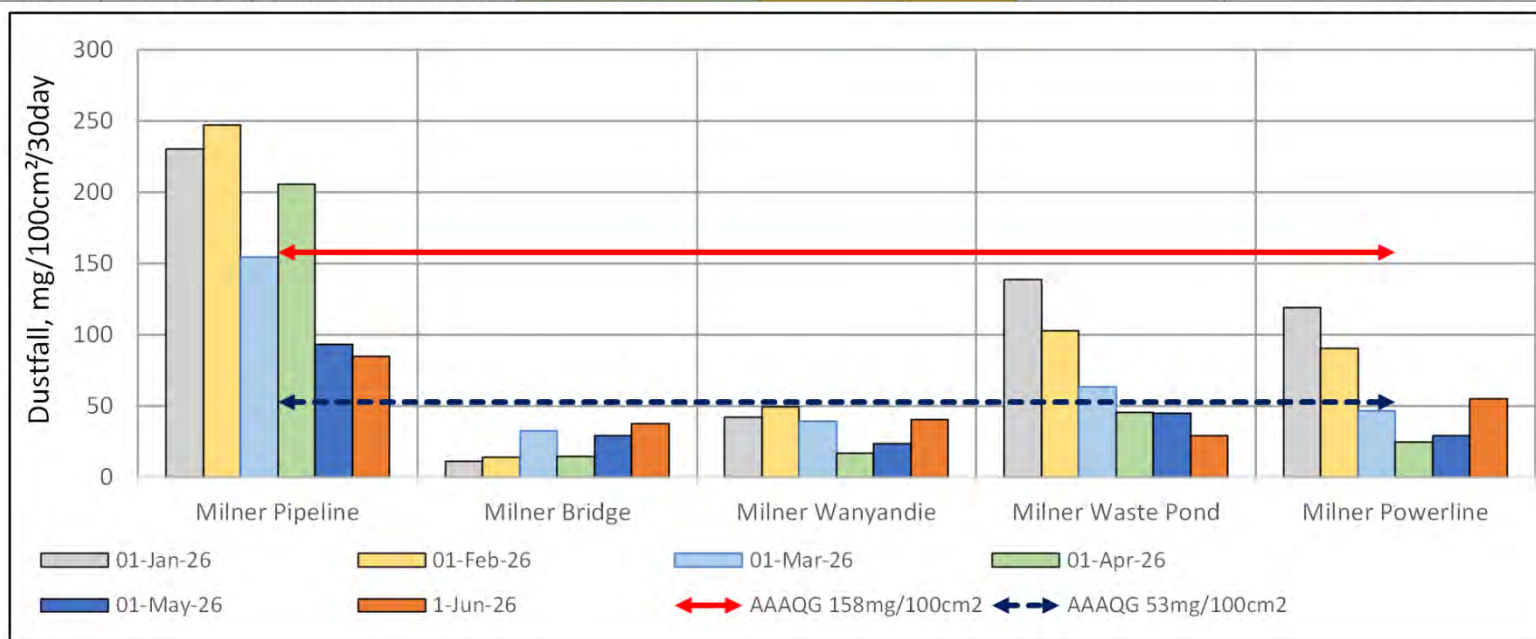
H₂S Monthly Average (units in ppb)



11 Dustfall Monitoring Data

Milner Dustfall Samples June 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
June	2026	Milner Pipeline	84.7	28.2	31	
June	2026	Milner Bridge	37.8	8.0	31	
June	2026	Milner Wanyandie	40.2	15.5	31	
June	2026	Milner Waste Pond	28.9	18.9	31	
June	2026	Milner Powerline	55.2	9.0	31	
June	2026	Milner Powerline Dup	38.5	16.7	31	RPD, 36% / 60%



End of Report



Peace Airshed Zone Association

Ambient Air Monitoring Report

June 2026