



# **Peace Airshed Zone Association**

## **Ambient Air Monitoring Network Summary**

**Ambient Air Quality Monitoring Program**

**Monthly Report**

**January 2026**

February 28, 2026

**Alberta Environment and Protected Areas**

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

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

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Please find enclosed the PAZA Ambient Air Quality Monitoring Network Report for the month of January 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 January 2026 were submitted to the ETS data system.

**Table A. PAZA members with Facility Operating Approvals**

<b>Company</b>	<b>Facility</b>	<b>LSD</b>	<b>EPEA Approval No.</b>
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
	Sunset House	06-22-070-20-W5	00138884-01-00
Milner Power Limited Partnership	H.R. Milner thermal electric power plant	SE-15-058-08-W6	00009814-03-03
NorthRiver Midstream Inc.	Fourth Creek	16-11-082-09-W6	00000263-01-00
	Gordondale	11-26-079-09-W6	00011495-01-01
	Pouce Coupe/Bonanza	03-23-080-13-W6	00070203-01-01
Pembina Pipeline Corporation	Kakwa River	08-13-063-05 W6	00335342-01-00
Penn West Petroleum Ltd.	Tangent	13-29-080-23-W5	00001746-02-00
	Pouce Coupe	16-07-078-11-W6	00000614-01-00
Petrus Resources	Rycroft	08-25-077-06-W6	00011351-02-00
	Spirit River	08-34-077-06-W6	00011096-02-00
Strathcona Resources Ltd.	Jayar Sour Gas Processing Plant	06-08-062-03 W6	03612040-00-00
Suncor Energy Inc.	Progress	07-22-078-09-W6	00011428-02-00
Tidewater Midstream and Infrastructure Ltd.	Pipestone Sour Gas Plant	NW-35-70-9 W6	00403309-00-00
Veresen Energy	Hythe Brainard	11-18-074-12-W6	00010910-02-00
Weyerhaeuser Canada	Grande Prairie Pulp and Wood Plant	01-14-070-05-W6	00000113-02-00

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

- There were five readings above the 30min TRS AAAQG,
- There was one reading above the 24hr PM<sub>2.5</sub> AAAQO for the month
- There was one dustfall reading above the AAAQG

30-min reading above the TRS AAAQG (5ppb) recorded as follows:

Reference Number	Pollutant	Station	Date	From MST	To MST	30min ppb	WS km/hr	WD degrees
e-reported	TRS	Dunes	2026-01-28	12:00	13:00	15.9	2.92	185
e-reported	TRS	Dunes	2026-01-28	12:30	13:30	12.4	2.36	175
e-reported	TRS	Dunes	2026-01-28	13:00	14:00	7.06	1.81	187
e-reported	TRS	Dunes	2026-01-28	13:30	14:30	6.57	2.13	164
e-reported	TRS	Dunes	2026-01-28	14:00	15:00	6.4	2.08	146

24-hr reading above the PM<sub>2.5</sub> AAAQO (29 µg/m<sup>3</sup>) recorded as follows:

Reference Number	Station	Pollutant	Date	Average	WS	WD
				µg/m <sup>3</sup>	km/h	degrees
449771	Beaverlodge	PM <sub>2.5</sub>	28-Jan-26	35.3	8.0	277

Total dustfall collected at Milner Pipeline was 230.1mg/100cm<sup>2</sup>/30day > AAAQG (158 mg/100cm<sup>2</sup>/30day), reference # 450475

**Operational times less than 90 percent**

The Henry Pirker station in Grande Prairie was primarily shut down over the month of January. The only exception was Meteorology readings of Solar Radiation and Wind Speed / Direction. At the end of January the temperature and relative humidity was also put back online. This downtime stems from November when vandals cut power to station twice so equipment was removed to prevent further damage (reference number 448140).

**Air Incidents**

None to report

**Deviations from Authorized Monitoring Methods**

None to report

**Passive Monitoring**

54 Stations throughout the PAZA zone

- Passive sample analyses were performed by Bureau Veritas Laboratories
- Field notes indicated issues with limited access to a few sites including Shaftesbury (due to roads not plowed) and Henry Pirker with locks frozen. In addition the Girouxville 3 was now open, so the December sample was collected
- From laboratory, a sample at Duvernay 4 (which was a duplicate for H<sub>2</sub>S) was noted as missing, while the other was analyzed. Sample at McLennan was noted as

damaged. A sample from Poplar was also listed as missing.

There were 20 duplicates sampled in the month of January:

- Eight SO<sub>2</sub> duplicates located at Forth Creek, Grande Prairie I, Clouston Creek, Peavine, Duvernay 4, Kakwa 3, Milner Powerline, Jayar1 Plant
  - RPD ranging from 0% to 32% (no fails)
- One O<sub>3</sub> duplicate at Bay Tree
  - RPD of 9% (no fail)
- Seven NO<sub>2</sub> duplicates at Webber Creek, Poplar, Eaglesham, East Prairie, Kakwa 1, Milner Pipeline, Jayar5 Camp
  - RPD ranging from 0% to 65% (one fail, East Prairie, 0.6 and 1.2ppb)
- Four H<sub>2</sub>S duplicates at Duvernay 4, Girouxville 4, Kakwa 4, Jayar4 7-8 or 8-8 Pad
  - RPD ranging from 0% to 20% (no fails)
  - Duplicate at Duvernay 4 only had one valid sample

#### Dustfall Monitoring

- Five Stations collected Total Dustfall and Fixed Dustfall
- Total dustfall ranged from 10.9 to 230.1 mg/100cm<sup>2</sup>/30day, resulting in one exceedance of dust fall, 230.1 > 158mg/100cm<sup>2</sup>/30day AAAQG (reference # 450475)
- RPD was 33 to 44% (no fails)

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.



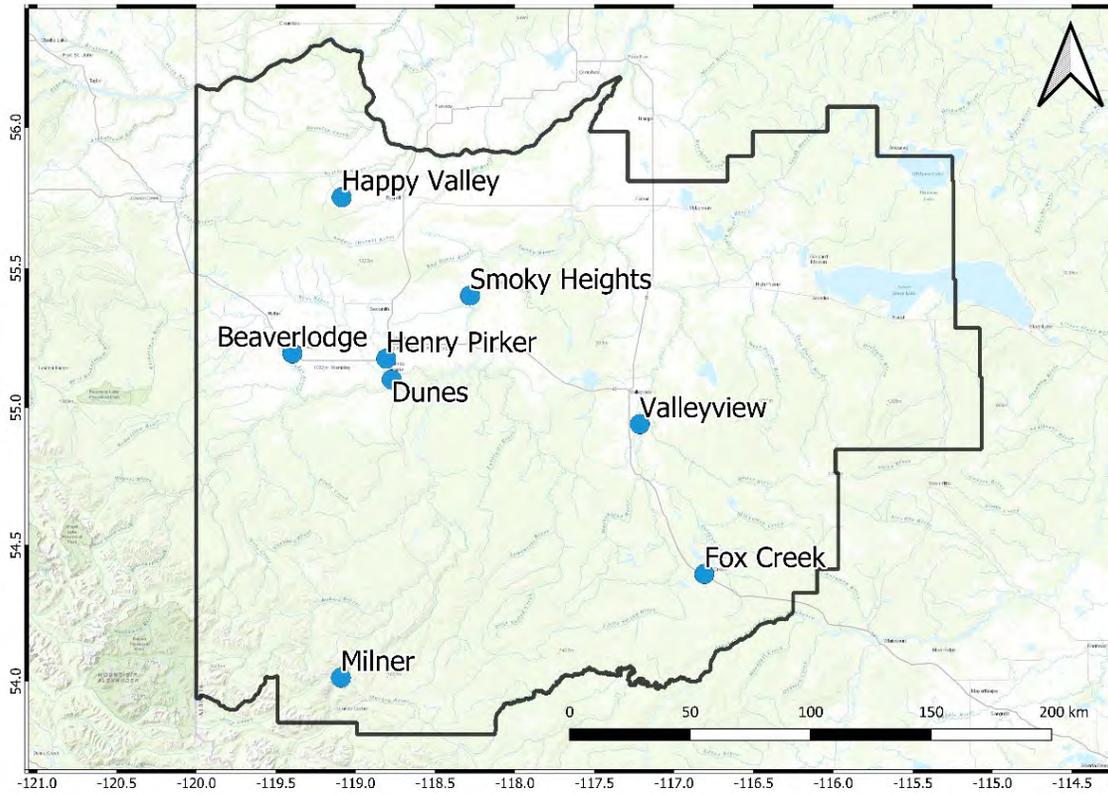
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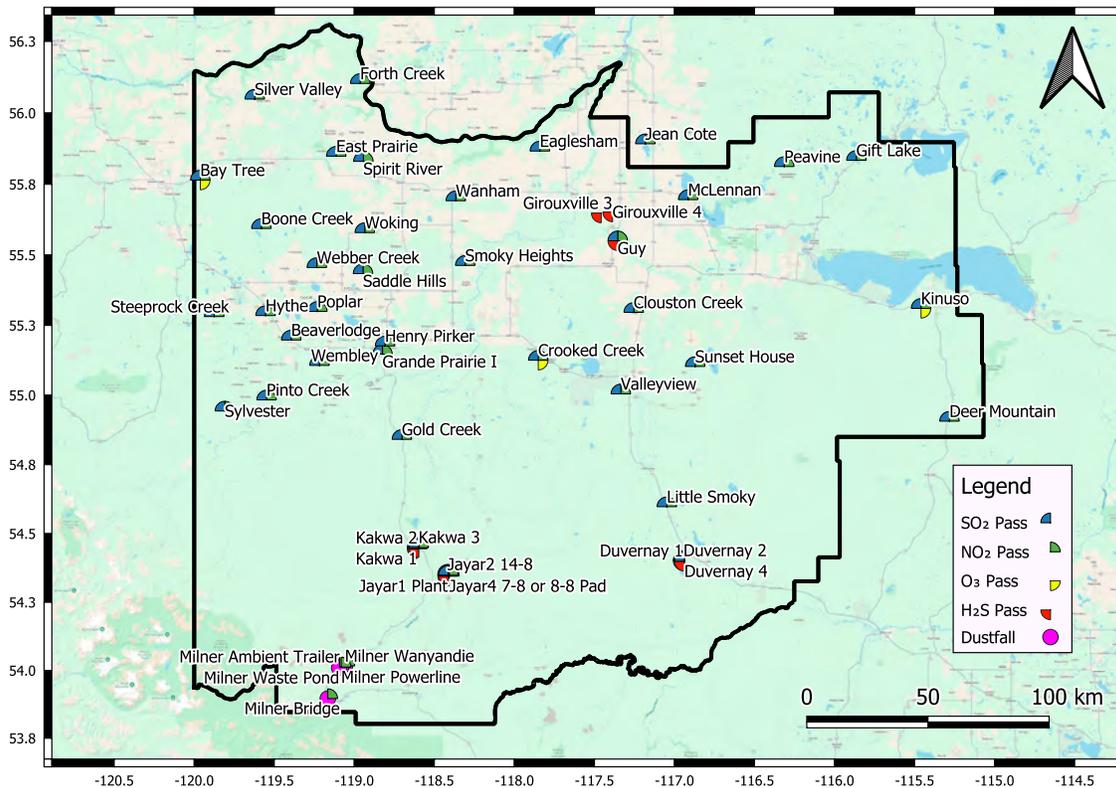
## TABLE OF CONTENTS

1	JANUARY 2026 MONTHLY STATION SUMMARIES .....	2
1.1	Beaverlodge Air Monitoring Station .....	2
1.2	Dunes Air Monitoring Station .....	2
1.3	Grande Prairie - Henry Pirker Air Monitoring Station.....	3
1.4	Smoky Heights Air Monitoring Station .....	3
1.5	Valleyview Air Monitoring Station .....	4
1.6	Fox Creek Air Monitoring Station .....	4
1.7	Happy Valley Air Monitoring Station .....	5
1.8	Milner Air Monitoring Station.....	5
2	BEAVERLODGE CHARTS.....	6
3	DUNES CHARTS .....	16
4	GRANDE PRAIRIE - HENRY PIRKER CHARTS.....	25
5	SMOKY HEIGHTS CHARTS.....	30
6	VALLEYVIEW CHARTS .....	38
7	FOX CREEK CHARTS .....	45
8	HAPPY VALLEY (PORTABLE) CHARTS.....	55
9	MILNER CHARTS .....	68
10	PASSIVE MONITORING DATA.....	75
11	DUSTFALL MONITORING DATA.....	84
12	END OF REPORT .....	85

## PAZA Continuous Monitoring Station Locations



## PAZA Passive Monitoring Station Locations



# 1 January 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 - January 2026 Beaverlodge Station Report

Parameter	January				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)	1.7	0.0	93.2%	97.9%	43.1	-	Jan-19 13:00	10.1	-	Jan-27	-	-	-	-	Jan 12, 2026
NO <sub>2</sub> (ppb)	8.4	0.4	93.2%	97.9%	39.0	159	Jan-28 21:00	28.6	-	Jan-28	0	-	-	-	Jan 12, 2026
NO <sub>x</sub> (ppb)	10.1	0.3	93.2%	97.9%	68.2	-	Jan-19 13:00	36.0	-	Jan-28	-	-	-	-	Jan 12, 2026
O <sub>3</sub> (ppb)	28.9	0.0	95.3%	100.0%	46.8	76	Jan-17 06:00	41.8	-	Jan-17	0	-	-	-	Jan 05, 2026
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	7.6	0.1	99.7%	100.0%	78.1	80	Jan-09 18:00	35.3	29	Jan-28	0	-	1	-	Jan 06, 2026
SO <sub>2</sub> (ppb)	1.2	0.0	95.3%	100.0%	28.5	172	Jan-16 19:00	4.2	48	Jan-28	0	-	0	0	Jan 06, 2026
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>										
Temp (°C)	-6.2	-27.1	100.0%	100.0%	9.3	<div style="border: 1px solid black; padding: 5px;"> <b>Note:</b> Valid hours must be greater than 75%                      Operational hours must be greater than 90%                 </div>									
RH (%)	71.8	35.9	100.0%	100.0%	100.2										
WS (km/hr)	9.4	0.5	100.0%	100.0%	37.0										
WD (deg)	274	0.5	100.0%	100.0%	359.8	<div style="border: 1px solid black; padding: 2px;">                     Average Wind Direction      274      W                 </div>									

**Update Summary:**

Parameter	Make	Model	Equipment summary
NO/NO <sub>2</sub> /NO <sub>x</sub>	Thermo	42iQ	Jan 12, analyzer pump failed, no AIC ran, analyzer calibration performed following pump rebuild, no issues noted (10hrs removed, 6hrs maintenance)
O <sub>3</sub>	Thermo	49iQ	No operational issues noted during the month
PM <sub>2.5</sub>	API	T640	No operational issues noted during the month; no readings above AAAQG, one 24hr reading above AAAQO
SO <sub>2</sub>	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 - January 2026 Dunes Station Report

Parameter	January				30min / 1-hour			24-hour			Exceedance				Calibration Date
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	6.1	0.0	99.6%	100.0%	38.0	80	Jan-29 16:00	24.7	29	Jan-29	0	-	0	-	Jan-15-2026
SO <sub>2</sub> (ppb)	0.7	0.0	95.3%	100.0%	10.0	172	Jan-20 15:00	2.5	48	Jan-24	0	-	0	0	Jan-15-2026
TRS (ppb)	0.7	0.1	95.3%	100.0%	15.9	5	Jan-28 13:00	2.1	3	Jan-28	5	-	0	-	Jan-15-2026
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>										
Temp (°C)	-7.8	-31.4	100.0%	100.0%	10.5	<div style="border: 1px solid black; padding: 5px;"> <b>Note:</b> Valid hours must be greater than 75%                      Operational hours must be greater than 90%                 </div>									
RH (%)	72.1	32.6	100.0%	100.0%	99.9										
WS (km/hr)	3.3	0.1	100.0%	100.0%	13.6										
WD (deg)	280	1.8	100.0%	100.0%	359.9	<div style="border: 1px solid black; padding: 2px;">                     Average Wind Direction      280      W                 </div>									

**Update Summary:**

Parameter	Make	Model	Equipment summary
PM <sub>2.5</sub>	Thermo	SHARP 5030	No Operational issues noted during the month
SO <sub>2</sub>	Thermo	43i	No Operational issues noted during the month
TRS	Thermo	43i	No Operational issues noted during the month, 5x30min readings above AAAQG
Met Equip	Gil/RMYoung	MetPak/RMY86004	No Operational issues noted during the month

### 1.3 Grande Prairie - Henry Pirker Air Monitoring Station

PAZA - January 2026 Henry Pirker Station Report

Parameter	January				1-hour			8-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)																
NO <sub>2</sub> (ppb)																
NO <sub>x</sub> (ppb)																
O <sub>3</sub> (ppb)																
PM <sub>2.5</sub> (µg/m <sup>3</sup> )																
SO <sub>2</sub> (ppb)																
H <sub>2</sub> S (ppb)																
CH <sub>4</sub> (ppm)																
THC (ppm)																
NMHC (ppm)																
CO (ppm)																
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>											
Temp (°C)	-3.1	-10.2	10.6%	10.6%	4.9	<b>Note: Valid hours must be greater than 75%</b> <b>Operational hours must be greater than 90%</b>										Dec 12, 2025
RH (%)	74.1	52.7	10.6%	10.6%	86.3											Dec 12, 2025
SR (W/m <sup>2</sup> )	30.2	0.0	99.6%	99.6%	301.4											Dec 12, 2025
WS (km/hr)	5.3	0.2	99.6%	99.6%	28.6											Dec 12, 2025
WD (deg)	277	0.4	99.6%	99.6%	358.6	Average Wind Direction 277 W										Dec 12, 2025

**Update Summary:**

Parameter	Make	Model	Equipment summary
NO/NO <sub>2</sub> /NO <sub>x</sub>	Thermo	42i	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
O <sub>3</sub>	TECO	49i	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
PM <sub>2.5</sub>	API	T640	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
SO <sub>2</sub>	Thermo	43i-TLE	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
H <sub>2</sub> S	TEI	450i	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
THC/CH <sub>4</sub> /NMHC	TEI	55i	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
CO	Thermo	48i-TLE	November vandals cut power to station, equipment removed to prevent damage, month of January not in operation
Met Equip	MetOne	50.5	Jan 28, temperature and relative humidity connected (3hrs downtime for other meteorology equipment)

### 1.4 Smoky Heights Air Monitoring Station

PAZA - January 2026 Smoky Heights Station Report

Parameter	January				30min / 1-hour			24-hour			Exceedance				Calibration Date	
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d		
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	4.8	0.0	98.3%	98.5%	31.4	80	Jan-09 19:00	20.3	29	Jan-29	0	-	0	-	Jan 19, 2026	
SO <sub>2</sub> (ppb)	0.6	0.0	94.0%	98.5%	15.7	172	Jan-14 22:00	1.6	48	Jan-13	0	-	0	0	Jan 19, 2026	
TRS (ppb)	0.2	0.0	93.8%	98.5%	1.2	5	Jan-30 03:00	0.5	3	Jan-29	0	-	0	-	Jan 19, 2026	
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>											
Temp (°C)	-8.6	-30.6	98.5%	98.5%	8.1	<b>Note: Valid hours must be greater than 75%</b> <b>Operational hours must be greater than 90%</b>										Aug 02, 2025
WS (km/hr)	10.8	0.1	98.5%	98.5%	39.6											Aug 02, 2025
WD (deg)	264	0.0	98.5%	98.5%	359.9	Average Wind Direction 264 WNW										Aug 02, 2025

**Update Summary:**

Parameter	Make	Model	Equipment summary
PM <sub>2.5</sub>	Sharp	5030	Jan 15, 6hr loss of data; Jan 31, 5hr loss of data; no readings above the AAAQG or AAAQO
SO <sub>2</sub>	TECO	43i	Jan 15, 6hr loss of data; Jan 31, 5hr loss of data
TRS	TEI	43i APSAA	Jan 15, 6hr loss of data; Jan 31, 5hr loss of data, 2x30min readings above the AAAQG
Met Equip	MetOne	50.5	Jan 15, 6hr loss of data; Jan 31, 5hr loss of data

## 1.5 Valleyview Air Monitoring Station

### PAZA - January 2026 Valleyview Station Report

Parameter	January		Valid	Operational	Max	1-hour			24-hour			Exceedance				Calibration Date	
	Average	Minimum				Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d			
SO <sub>2</sub> (ppb)	0.1	0.0	95.3%	100.0%	1.4	172	Jan-24 01:00	0.4	48	Jan-15	0	-	0	0	Jan 20, 2026		
H <sub>2</sub> S (ppb)	0.1	0.0	95.3%	100.0%	0.9	10	Jan-30 08:00	0.4	3	Jan-30	0	-	0	-	Jan 20, 2026		
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>												
Temp (°C)	-8.0	-29.7	100.0%	100.0%	11.5	<div style="border: 1px solid black; padding: 5px;"> <b>Note:</b> Valid hours must be greater than 75%                      Operational hours must be greater than 90%                 </div>											
RH (%)	78.0	41.6	100.0%	100.0%	99.6												
WS (km/hr)	3.8	0.0	100.0%	100.0%	18.7												
WD (deg)	274	0.2	100.0%	100.0%	359.9												
									Average Wind Direction		274	NW					

#### Update Summary:

Parameter	Make	Model	Equipment summary
SO <sub>2</sub>	TEI	43i-APSCB	No operational issues noted during the month
H <sub>2</sub> S	TEI	450i-APHAA / 43C	No operational issues noted during the month
Met Equip	RMYoung	RMY86004	No operational issues noted during the month

## 1.6 Fox Creek Air Monitoring Station

### PAZA - January 2026 Fox Creek Station Report

Parameter	January		Valid	Operational	Max	1-hour			8-hour / 24-hour			Exceedance				Calibration Date	
	Average	Minimum				Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d			
NO (ppb)	12.7	0.0	95.0%	100.0%	111.4	-	Jan-27 19:00	36.1	-	Jan-27	-	-	-	-	Jan 22, 2026		
NO <sub>2</sub> (ppb)	12.9	0.2	95.0%	100.0%	44.8	159	Jan-13 16:00	23.6	-	Jan-16	0	-	-	-	Jan 22, 2026		
NO <sub>x</sub> (ppb)	25.8	0.0	95.0%	100.0%	146.0	-	Jan-27 19:00	58.9	-	Jan-27	-	-	-	-	Jan 22, 2026		
O <sub>3</sub> (ppb)	21.3	0.2	95.3%	100.0%	44.7	76	Jan-14 16:00	37.7	-	Jan-20	0	-	-	-	Jan 22, 2026		
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	7.4	0.1	99.7%	100.0%	56.5	80	Jan-05 21:00	28.2	29	Jan-27	0	-	0	-	Jan 23, 2026		
SO <sub>2</sub> (ppb)	0.4	0.0	92.6%	97.6%	4.4	172	Jan-05 12:00	0.8	48	Jan-11	0	-	0	0	Jan 23, 2026		
H <sub>2</sub> S (ppb)	0.2	0.0	95.3%	100.0%	1.2	10	Jan-19 14:00	0.4	3	Jan-08	0	-	0	-	Jan 23, 2026		
	<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>												
Temp (°C)	-5.7	-26.0	100.0%	100.0%	13.1	<div style="border: 1px solid black; padding: 5px;"> <b>Note:</b> Valid hours must be greater than 75%                      Operational hours must be greater than 90%                 </div>											
WS (km/hr)	5.8	0.3	100.0%	100.0%	25.7												
WD (deg)	247	0.0	100.0%	100.0%	359.7												
																Average Wind Direction	
															Sep 17, 2025		
															Sep 17, 2025		
															Sep 17, 2025		

#### Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO <sub>2</sub> /NO <sub>x</sub>	Thermo	42IQ	No operational issues noted during the month
O <sub>3</sub>	TECO	49i	No operational issues noted during the month
PM <sub>2.5</sub>	API	T640	No operational issues noted during the month; no readings above AAAQG or AAAQO
SO <sub>2</sub>	TEI	43i-TLE	Jan 22, removal calibration to change auto zero/span valve, Jan 23, install calibration performed (15hrs removed, 3hrs maintenance). No issues noted
H <sub>2</sub> S	TEI	450i	No operational issues noted during the month
Met Equip	MetOne	50.5	No operational issues noted during the month

## 1.7 Happy Valley Air Monitoring Station

PAZA - January 2026 Happy Valley Station Report

Parameter	January			30min / 1-hour				24-hour		Exceedance				Calibration Date	
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr		30d
NO (ppb)	0.5	0.0	95.2%	100.0%	10.8	-	Jan-27 14:00	2.2	-	Jan-27	-	-	-	-	Jan 07, 2026
NO <sub>2</sub> (ppb)	2.8	0.3	95.2%	100.0%	19.0	159	Jan-09 02:00	9.5	-	Jan-27	0	-	-	-	Jan 07, 2026
NO <sub>x</sub> (ppb)	3.4	0.3	95.2%	100.0%	22.2	-	Jan-30 12:00	11.8	-	Jan-27	-	-	-	-	Jan 07, 2026
O <sub>3</sub> (ppb)	32.2	5.8	95.3%	99.9%	44.7	76	Jan-18 00:00	41.9	-	Jan-06	0	-	-	-	Jan 07, 2026
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	3.2	0.1	99.7%	100.0%	49.9	80	Jan-23 23:00	12.3	29	Jan-28	0	-	0	-	Jan 07, 2026
SO <sub>2</sub> (ppb)	0.6	0.0	95.4%	100.0%	13.1	172	Jan-25 06:00	1.8	48	Jan-25	0	-	0	0	Jan 07, 2026
TRS (ppb)	0.5	0.2	95.2%	100.0%	2.9	5	Jan-09 00:00	0.7	-	Jan-09	0	-	-	-	Jan 08, 2026
CH <sub>4</sub> (ppm)	2.1	1.9	95.4%	100.0%	3.4	-	Jan-05 08:00	2.4	-	Jan-27	-	-	-	-	Jan 08, 2026
THC (ppm)	2.1	1.9	95.4%	100.0%	4.4	-	Jan-30 12:00	2.6	-	Jan-30	-	-	-	-	Jan 08, 2026
NMHC (ppm)	0.0	0.0	95.4%	100.0%	1.5	-	Jan-30 12:00	0.2	-	Jan-30	-	-	-	-	Jan 08, 2026
<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>											
Temp (°C)	-7.4	-30.8	100.0%	100.0%	8.3	<b>Note: Valid hours must be greater than 75%</b> <b>Operational hours must be greater than 90%</b>									
WS (km/hr)	14.2	0.2	100.0%	100.0%	48.9										
WD (deg)	254	2.3	100.0%	100.0%	358.9	Average Wind Direction		254	WSW						

**Update Summary:**

Parameter	Make	Model	Equipment summary
NO/NO <sub>2</sub> /NO <sub>x</sub>	TEI	42i	No operational issues noted during the month
O <sub>3</sub>	TEI	49I	No operational issues noted during the month
PM <sub>2.5</sub>	API	T640	No operational issues noted during the month
SO <sub>2</sub>	TEI	43I	No operational issues noted during the month
TRS	TEI	43I	No operational issues noted during the month
THC/CH <sub>4</sub> /NMHC	TEI	55i	No operational issues noted during the month
Met Equip	MetOne	50.5	No operational issues noted during the month

## 1.8 Milner Air Monitoring Station

PAZA - January 2026 Milner Station Report

Parameter	January			Operational	Max	1-hour		24-hour		Exceedance				Calibration Date	
	Average	Minimum	Valid			Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr		30d
NO (ppb)	0.6	0.0	94.6%	99.7%	15.2	-	Jan-05 14:00	3.7	-	Jan-05	-	-	-	-	Jan 04, 2026
NO <sub>2</sub> (ppb)	3.5	0.0	94.6%	99.7%	22.1	159	Jan-05 18:00	11.5	-	Jan-05	0	-	-	-	Jan 04, 2026
NO <sub>x</sub> (ppb)	4.2	0.0	94.6%	99.7%	31.2	-	Jan-29 13:00	15.5	-	Jan-05	-	-	-	-	Jan 04, 2026
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	5.7	0.0	99.7%	100.0%	55.1	80	Jan-19 14:00	17.4	29	Jan-26	0	-	0	-	Jan 04, 2026
<b>Average</b>	<b>Minimum</b>	<b>Valid</b>	<b>Operational</b>	<b>Maximum</b>											
WS (km/hr)	8.9	0.0	100.0%	100.0%	36.0	<b>Note: Valid hours must be greater than 75%</b> <b>Operational hours must be greater than 90%</b>									
WD (deg)	267	0.4	100.0%	100.0%	357.6										
Average Wind Direction		267		W											

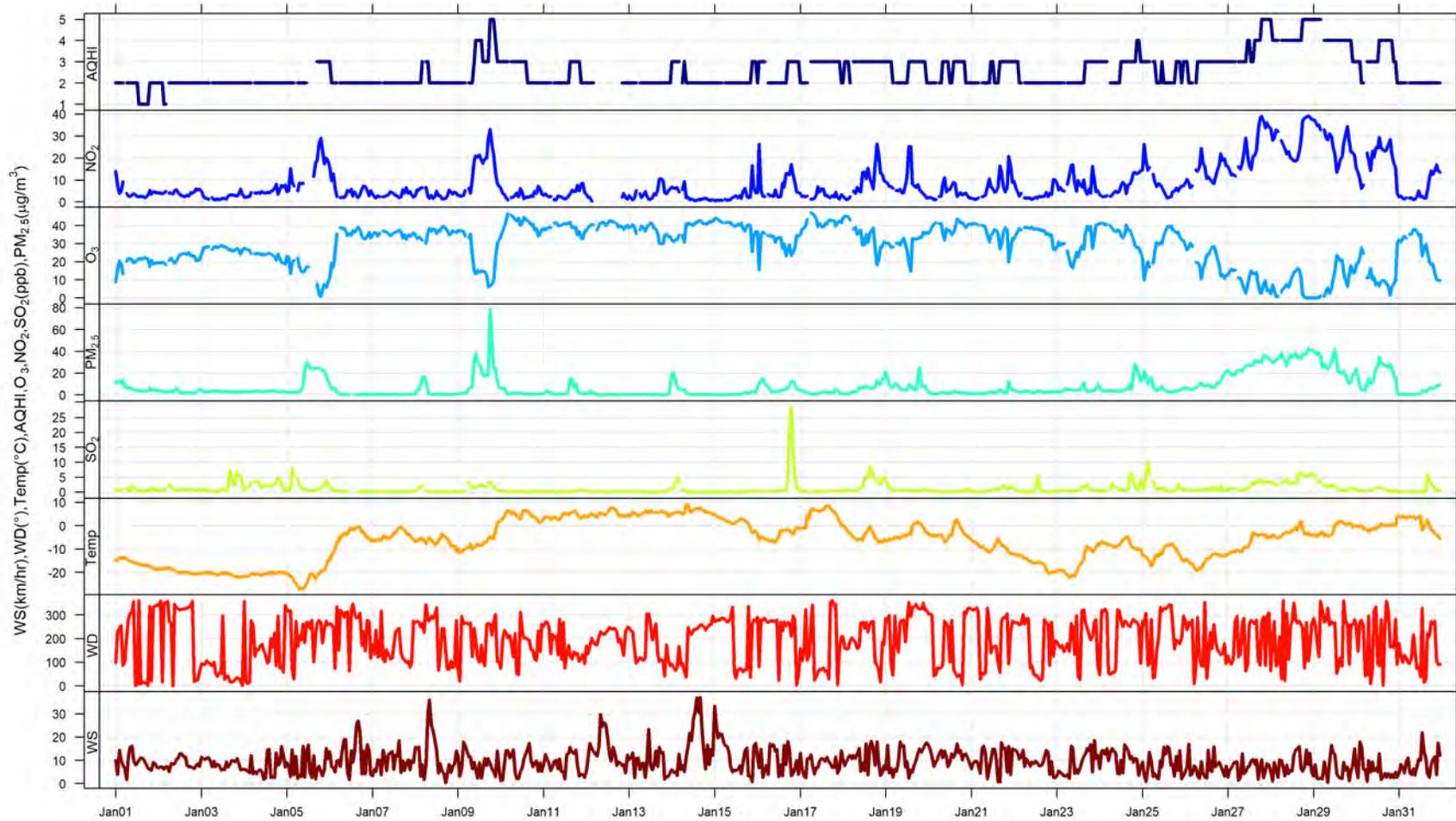
**Update Summary:**

Parameter	Make	Model	Equipment summary
NO/NO <sub>2</sub> /NO <sub>x</sub>	Thermo	42i	Jan 1-3, zero running near -5ppb, spans ok; Jan 2 manual span check performed to verify zero issue (1hr); Jan 4 calibration fixed issue; Jan 12 AIC failed to run, run later in morning to verify ok (2hrs)
PM <sub>2.5</sub>	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

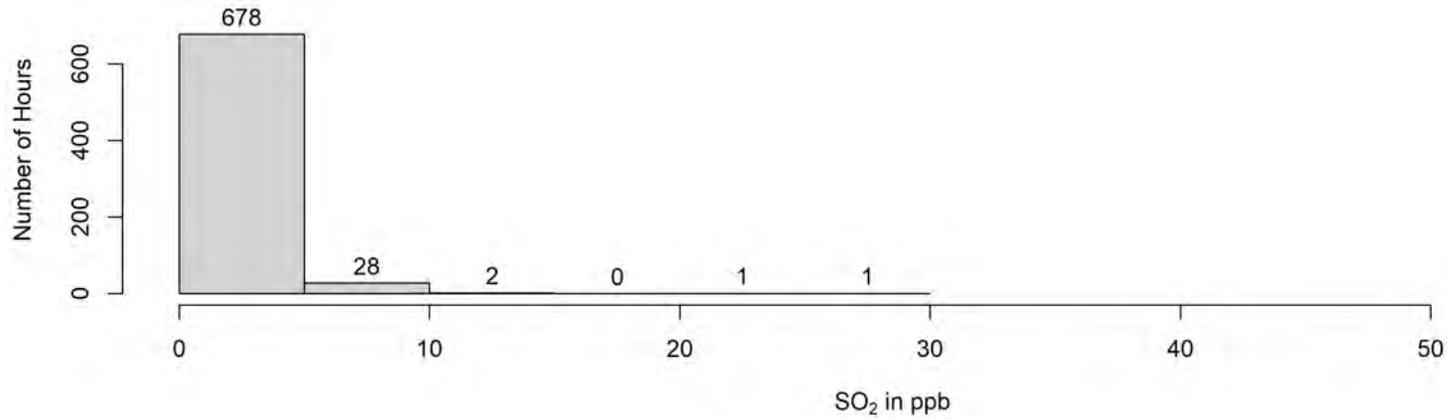
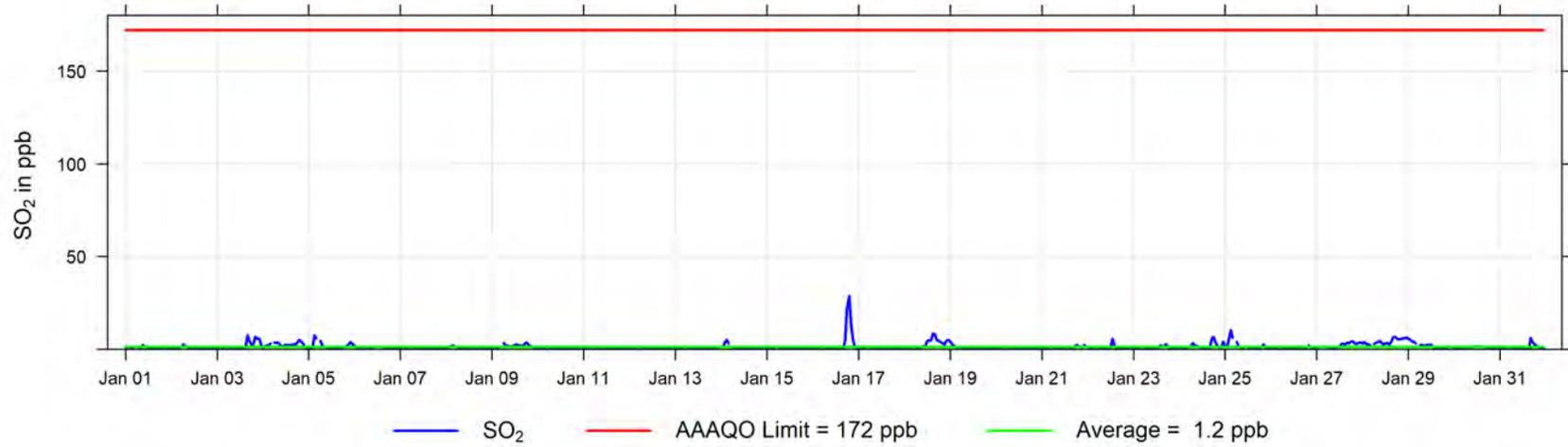
## 2 Beaverlodge Charts

The following pages include the charts and histograms for Beaverlodge Station

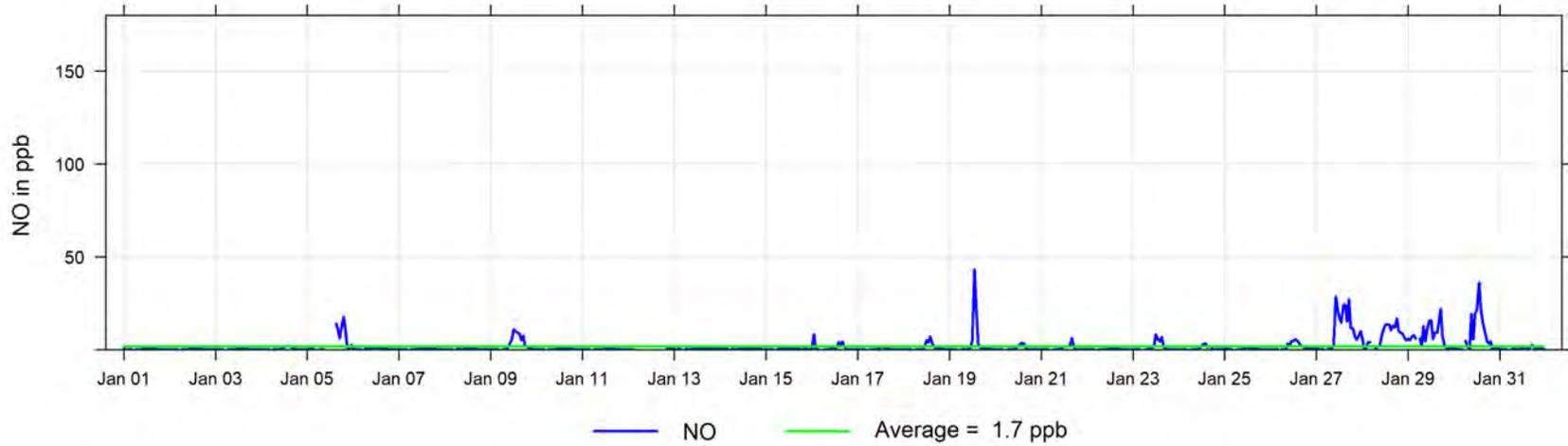
January 2026 Concentration Readings at Beaverlodge Station



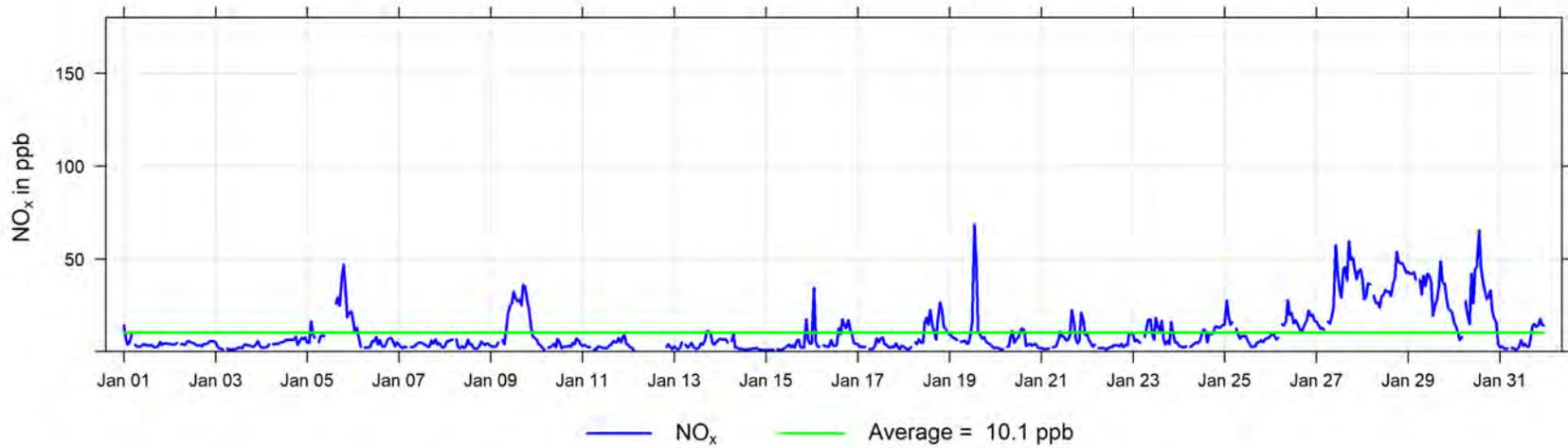
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Beaverlodge



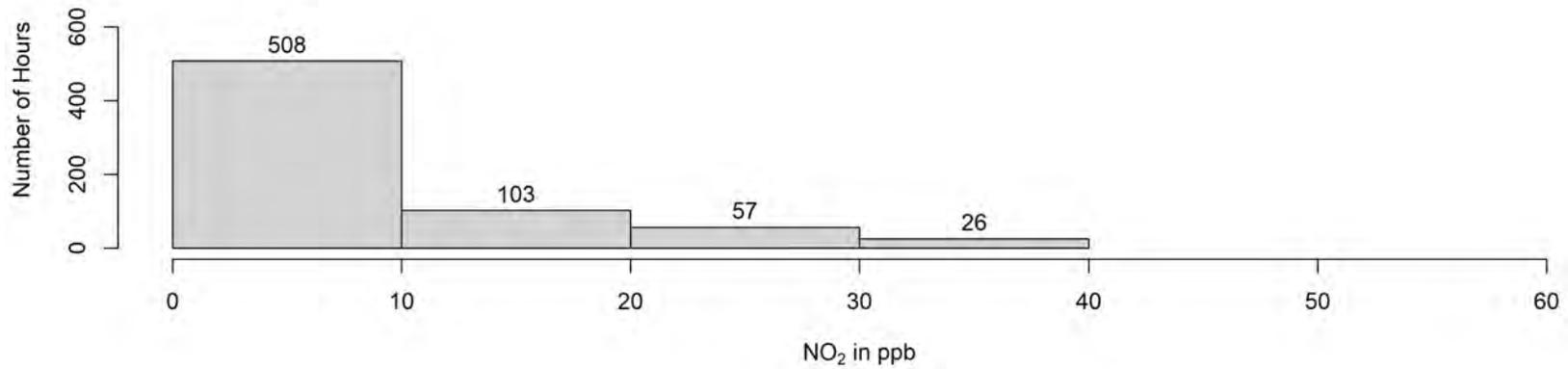
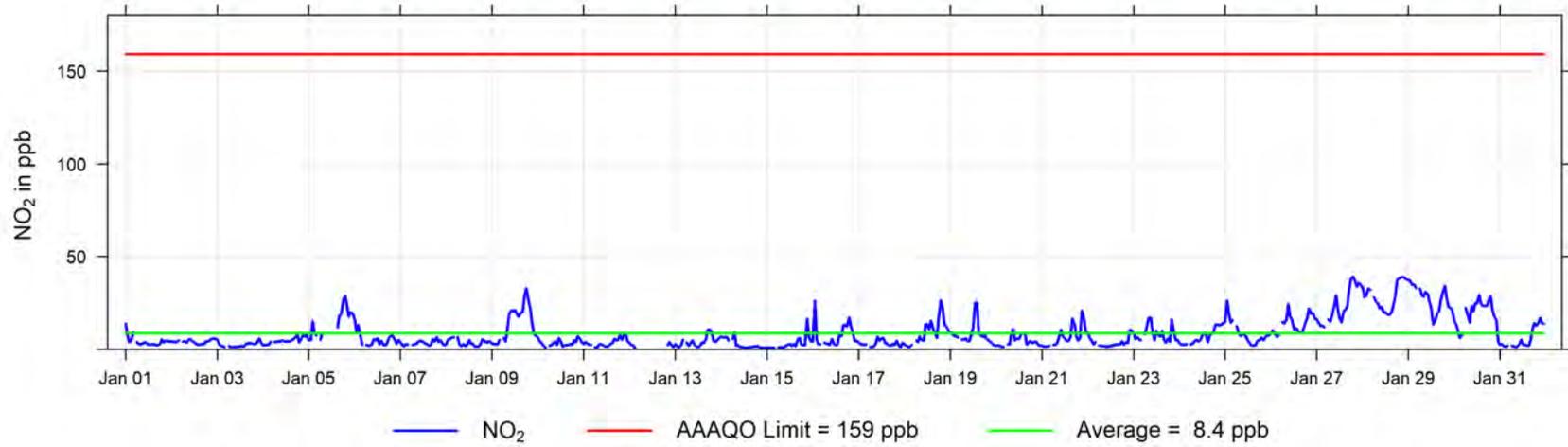
January 2026 Hourly Concentration Readings of NO (in ppb) at Beaverlodge



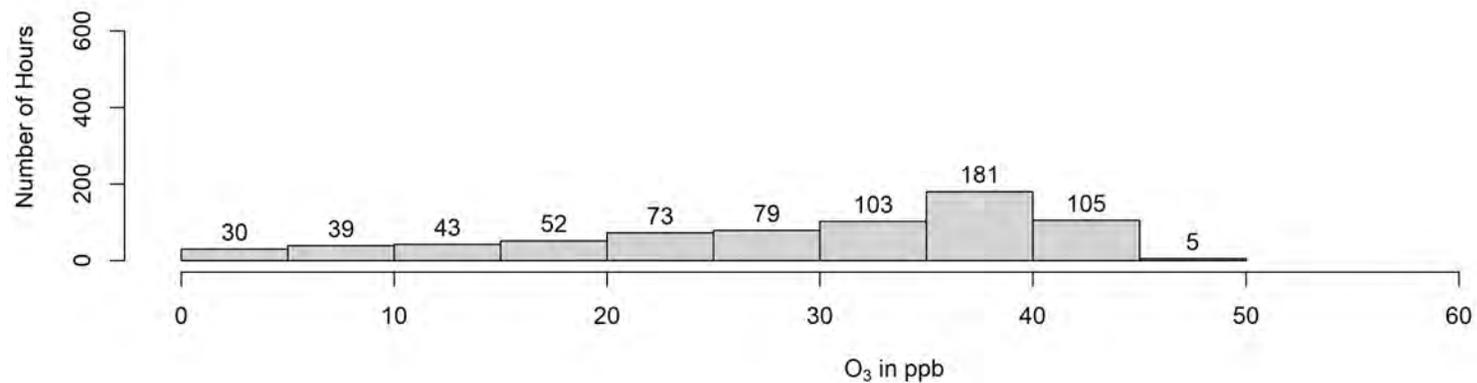
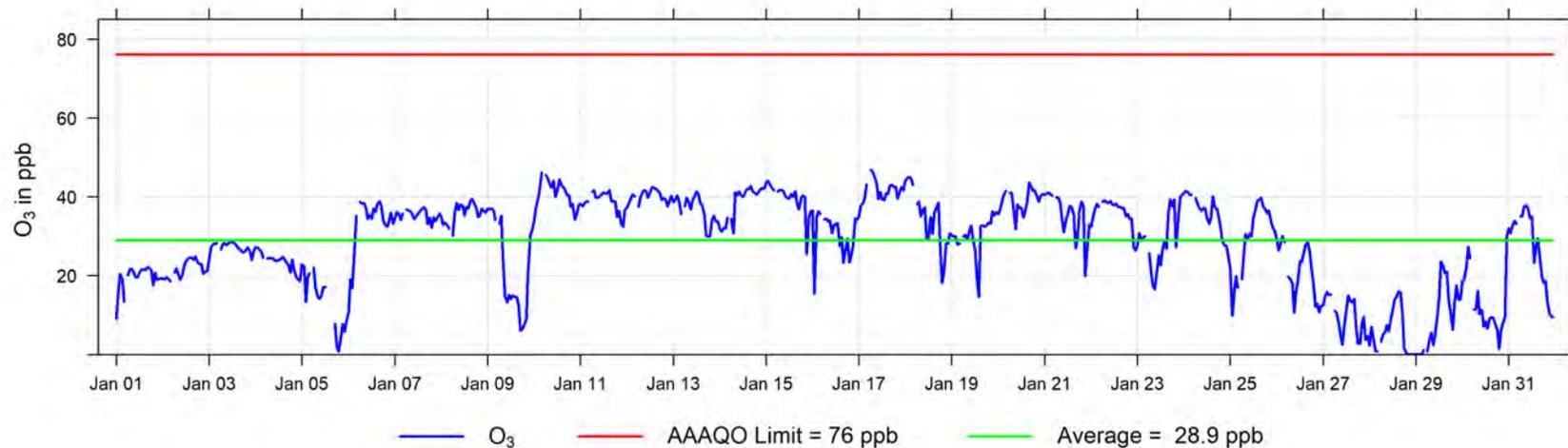
January 2026 Hourly Concentration Readings of NO<sub>x</sub> (in ppb) at Beaverlodge



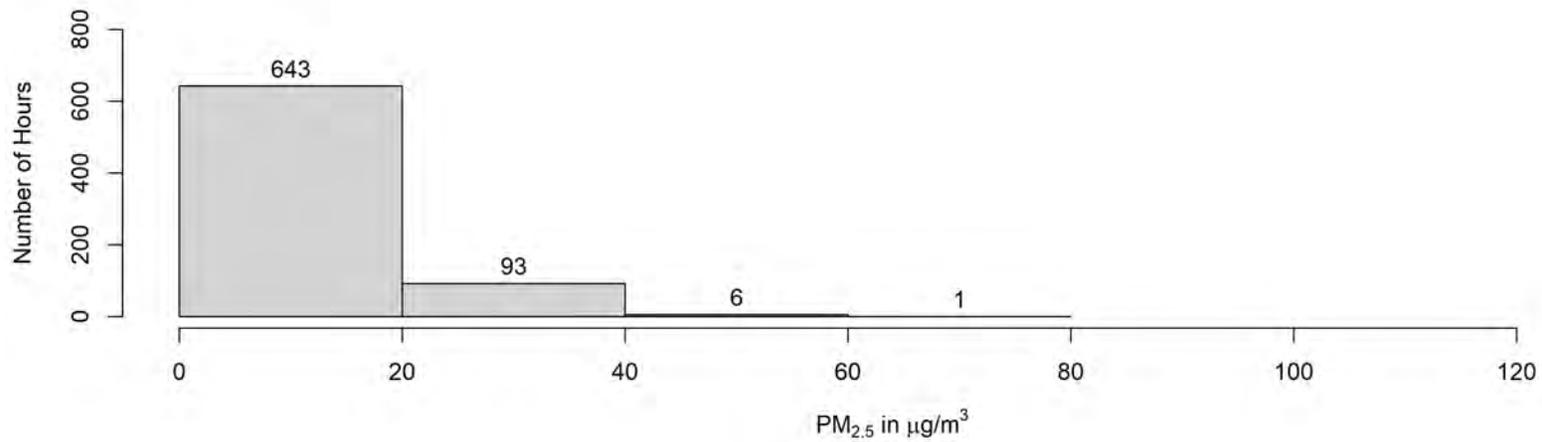
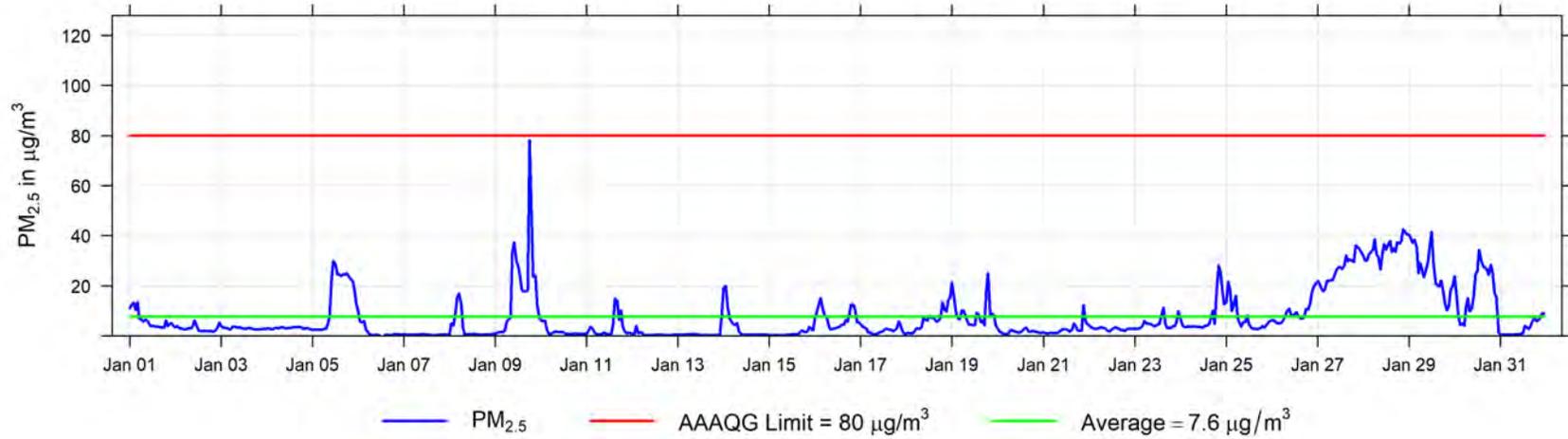
January 2026 Hourly Concentration Readings of NO<sub>2</sub> (in ppb) at Beaverlodge



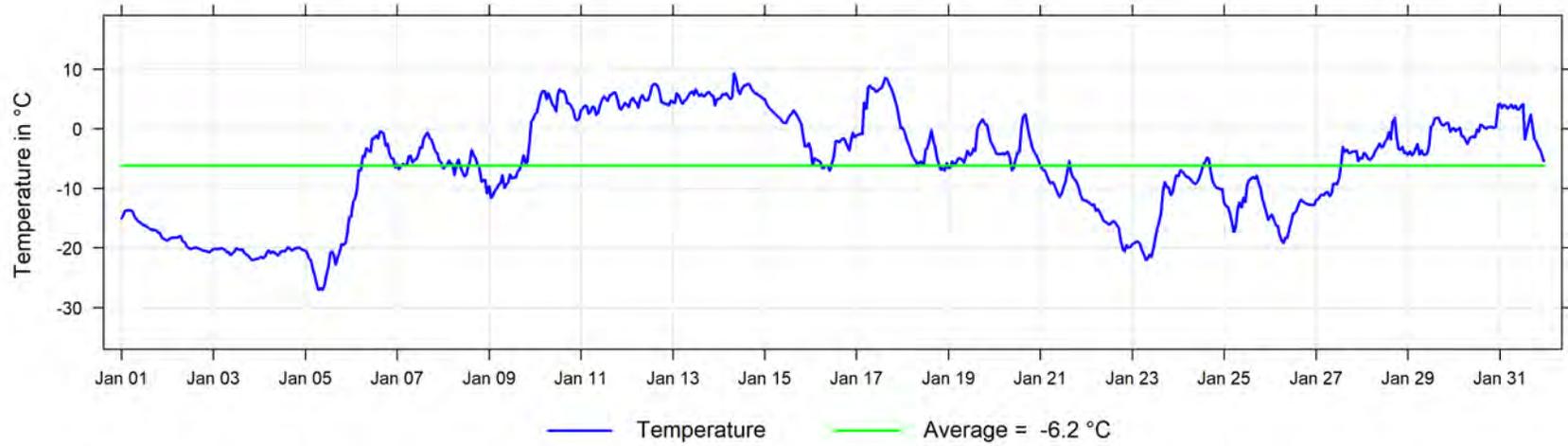
January 2026 Hourly Concentration Readings of O<sub>3</sub> (in ppb) at Beaverlodge



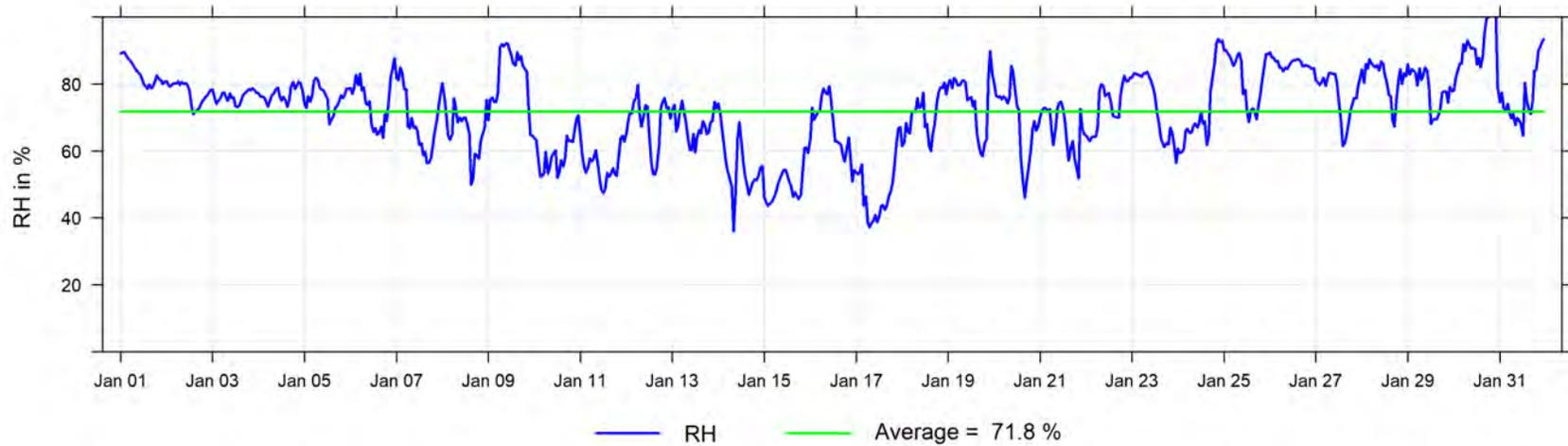
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Beaverlodge



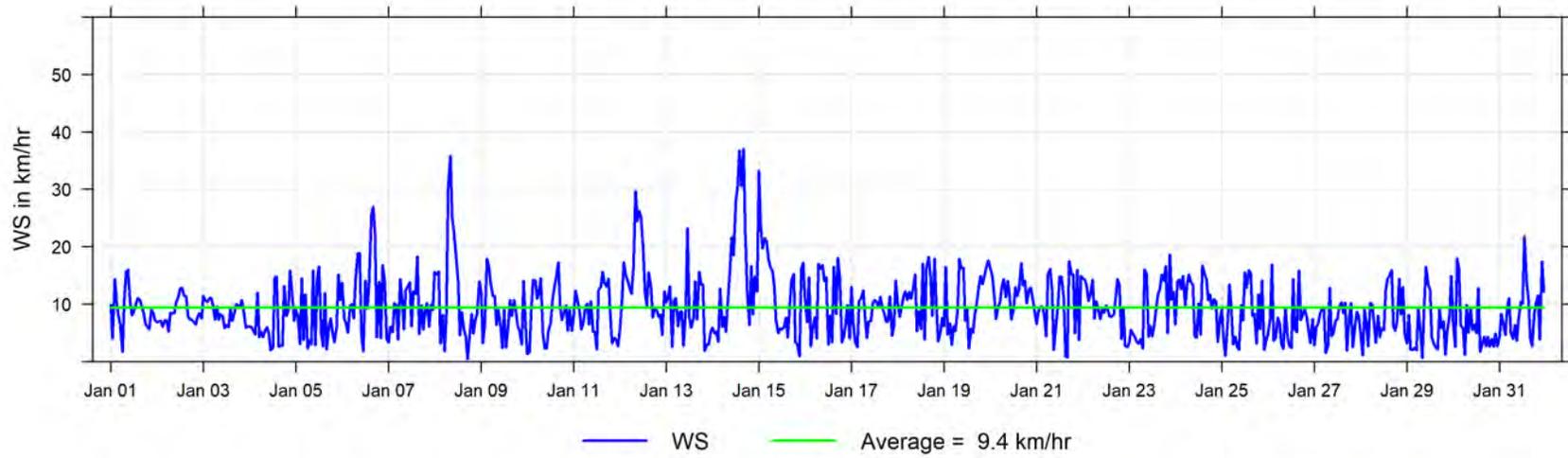
January 2026 Hourly Temperature Readings (in °C) at Beaverlodge



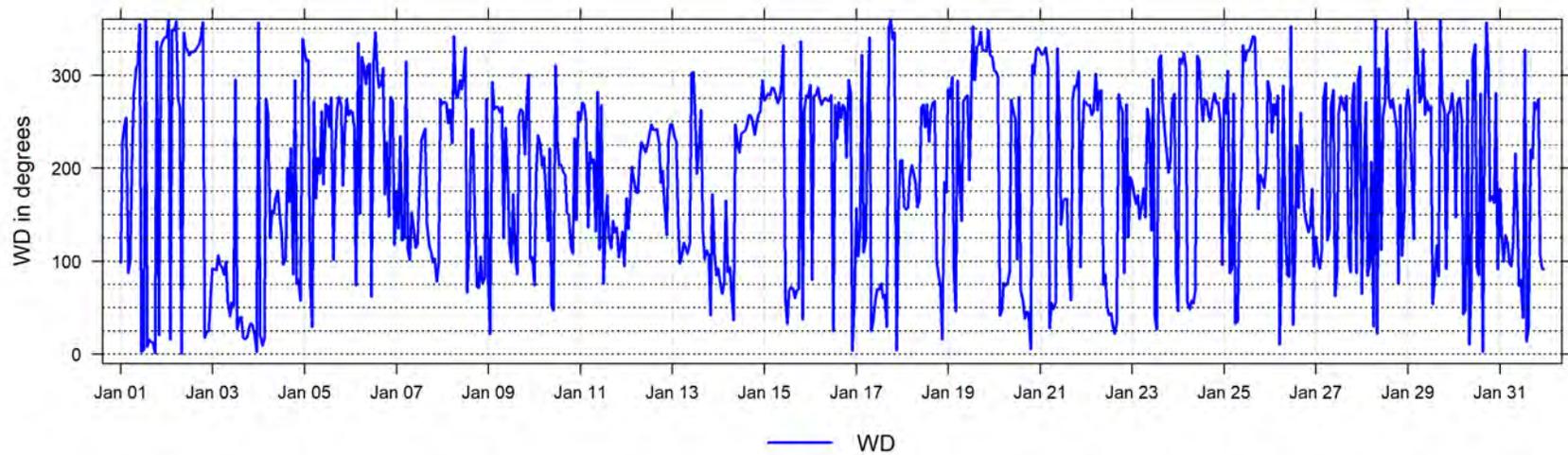
January 2026 Hourly Readings of Relative Humidity (in %) at Beaverlodge



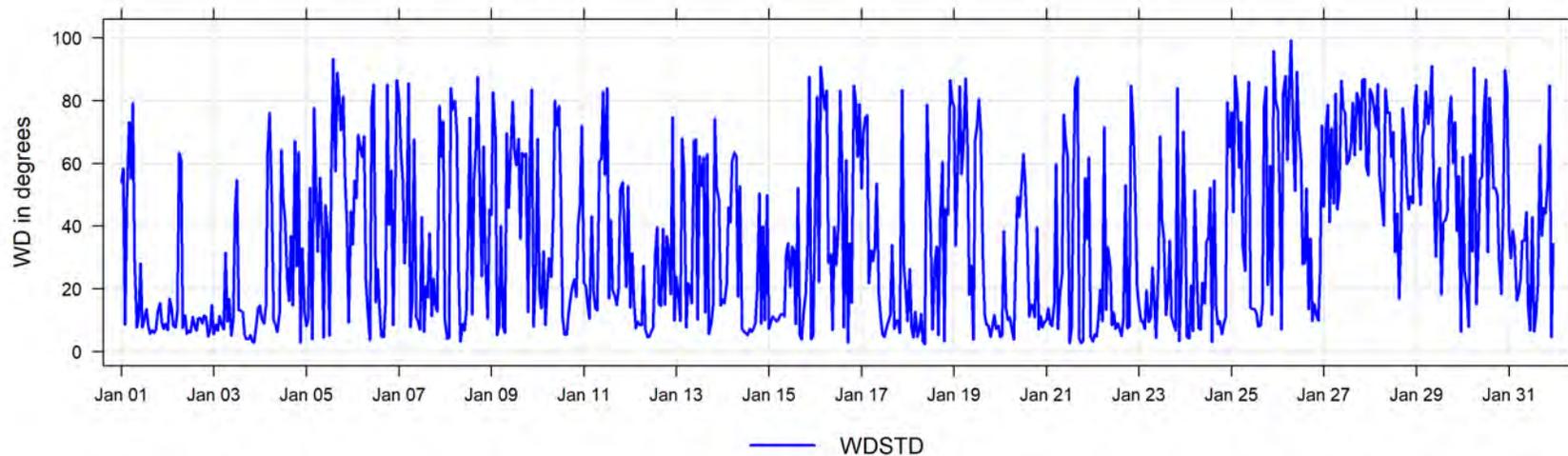
January 2026 Hourly Readings of Wind Speed (in km/hr) at Beaverlodge

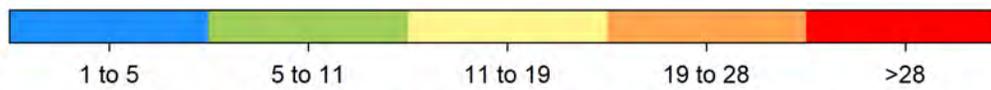
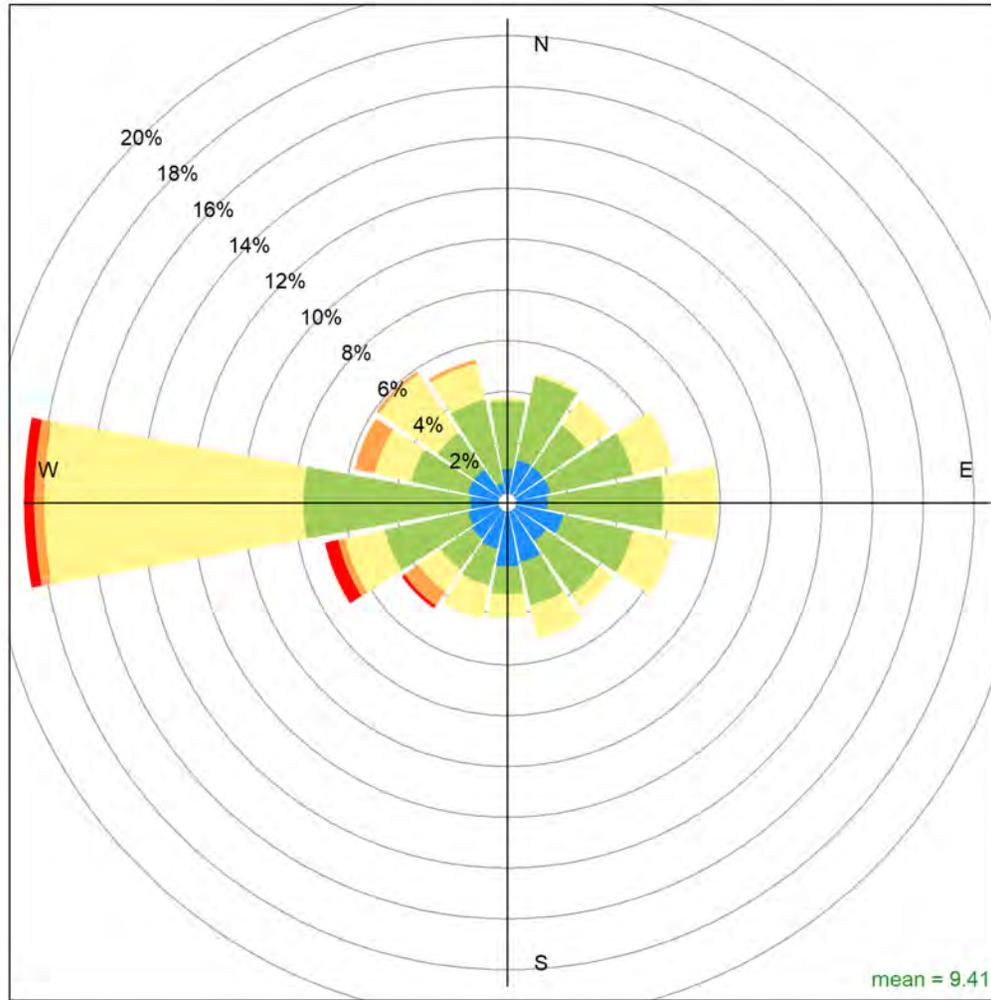


January 2026 Hourly Readings of Wind Direction (in degrees) at Beaverlodge



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





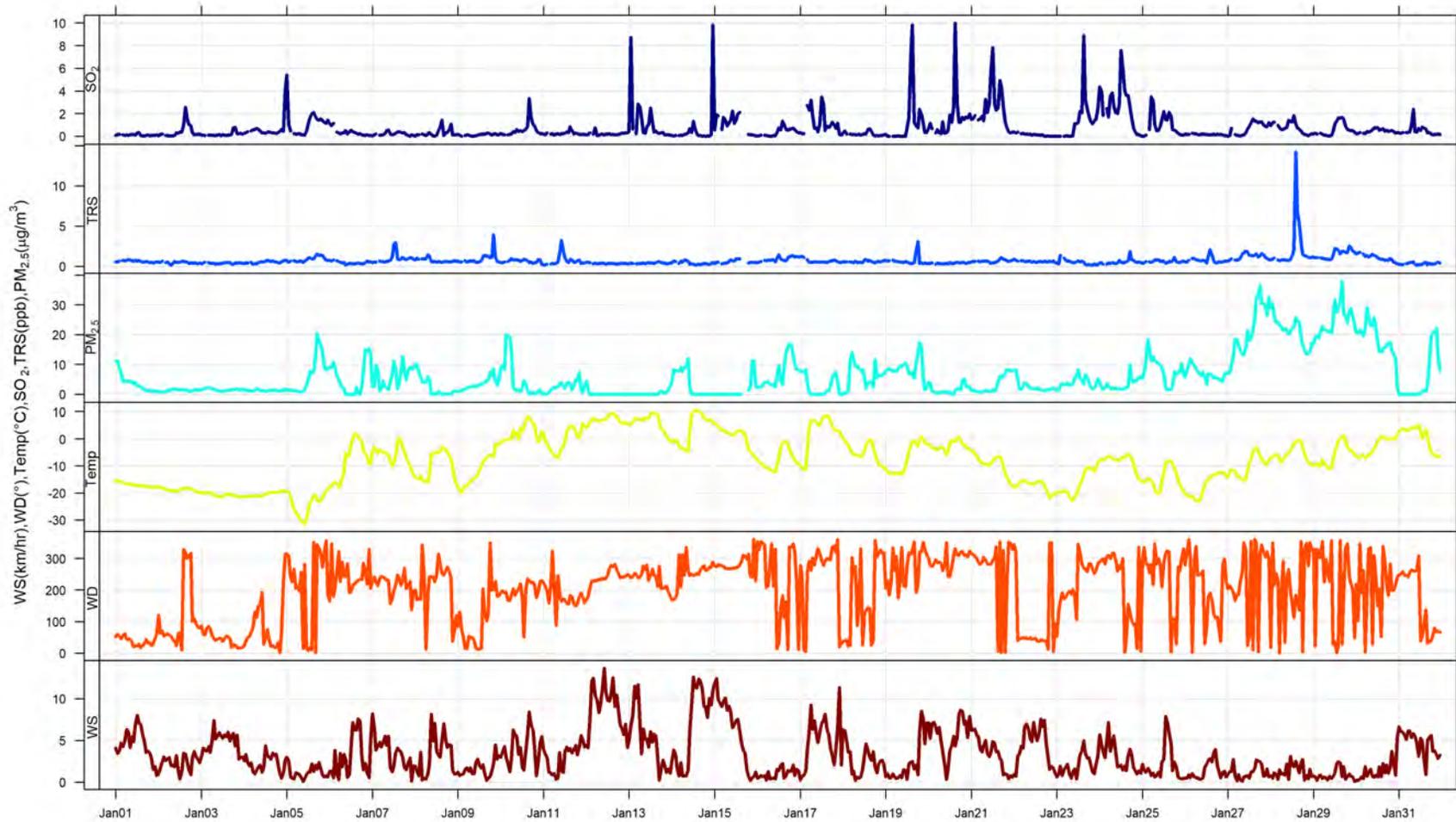
Beaverlodge January 2026 Wind Rose, wind speed in km/hr

**Calms (<1km/hr) = 0.7 %**

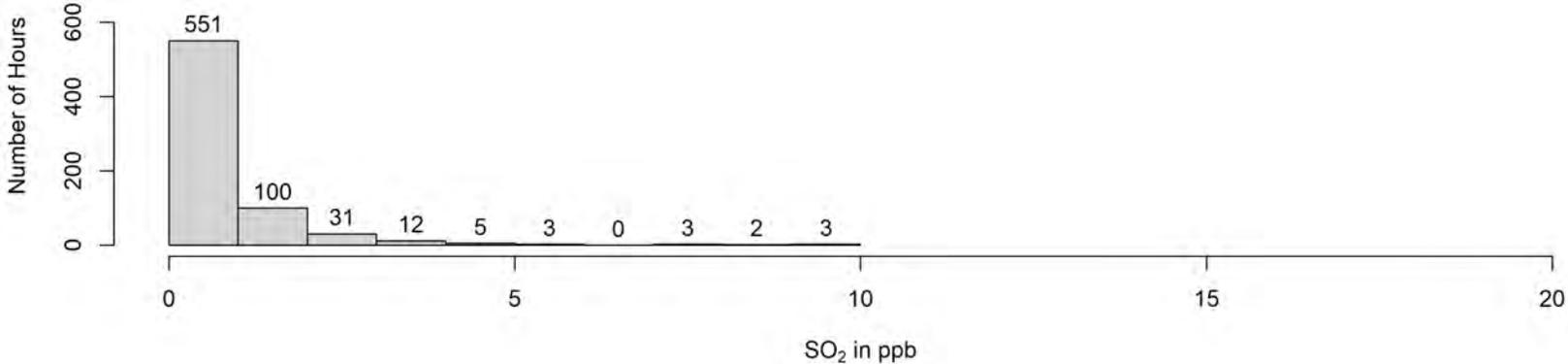
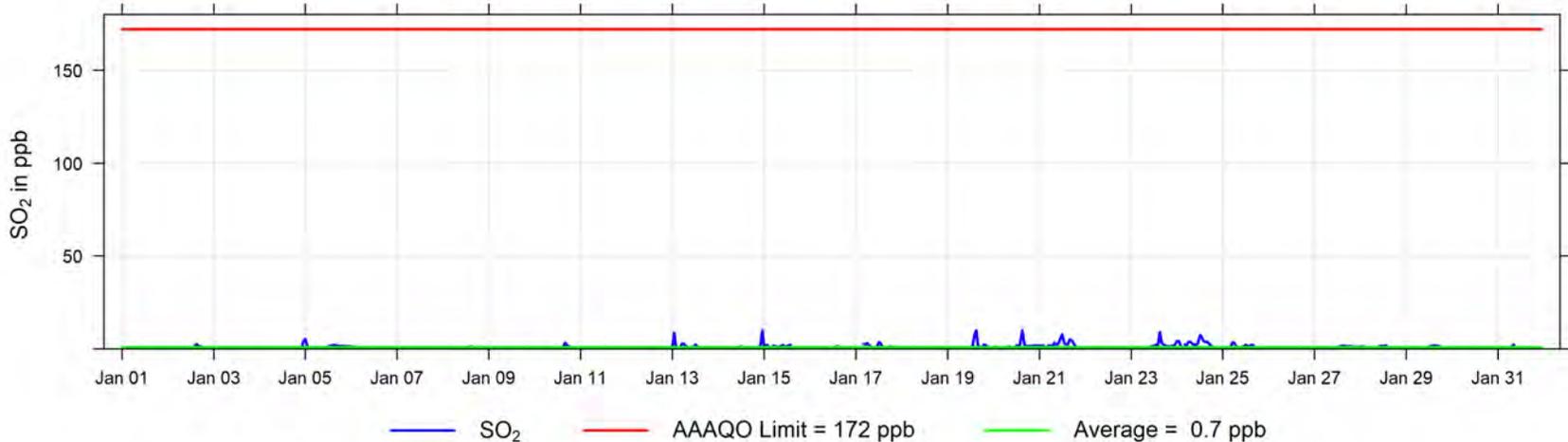
### 3 Dunes Charts

The following pages include the charts and histograms for Dunes Station

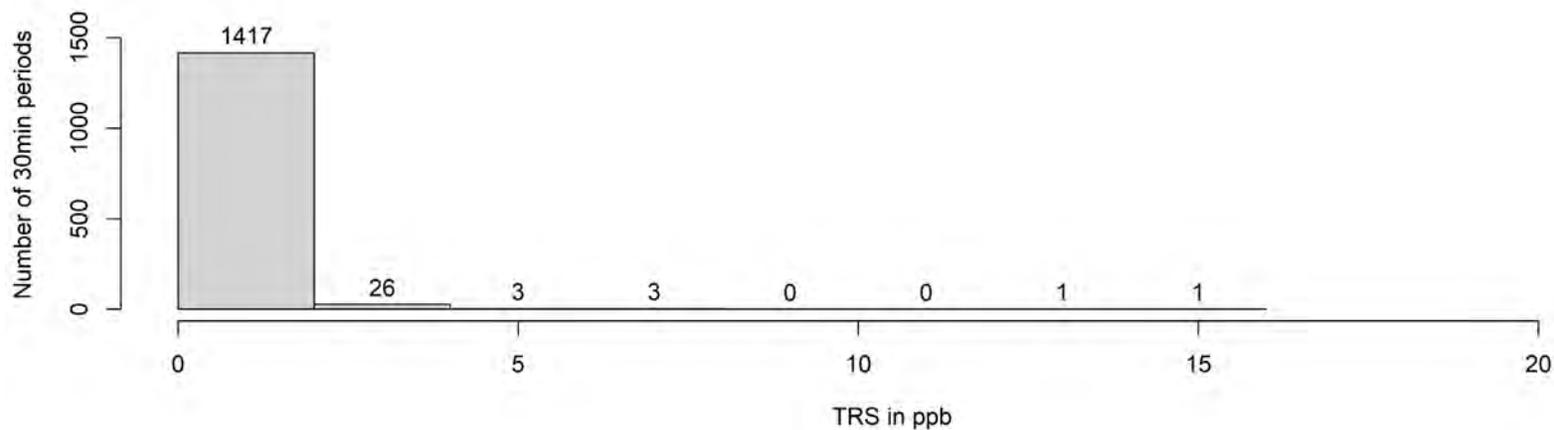
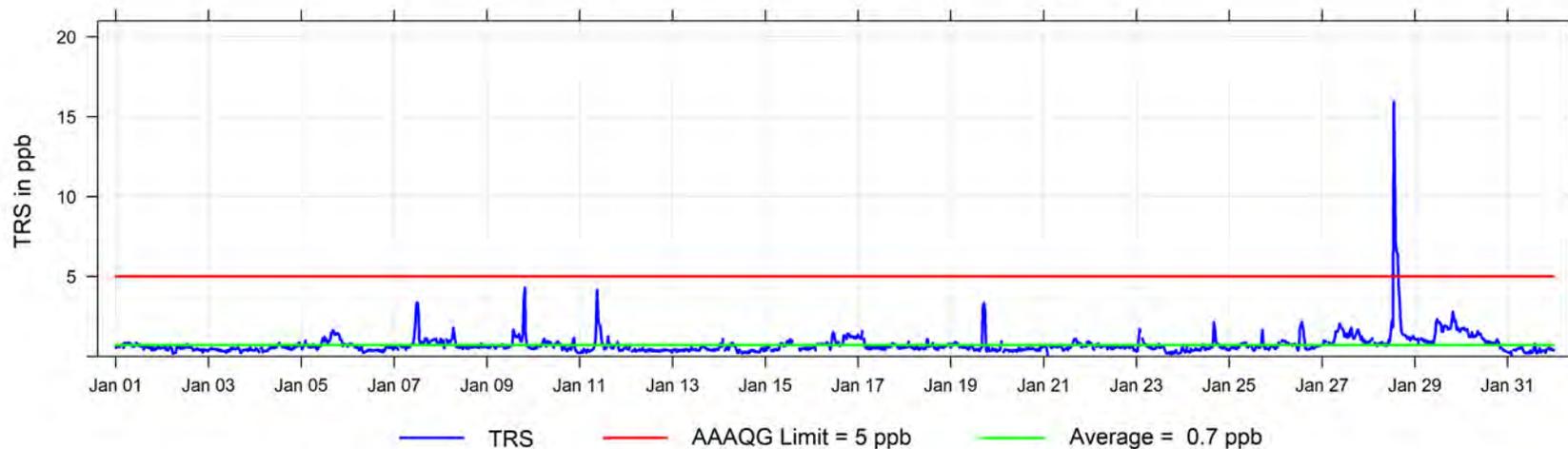
January 2026 Concentration Readings at Dunes Station



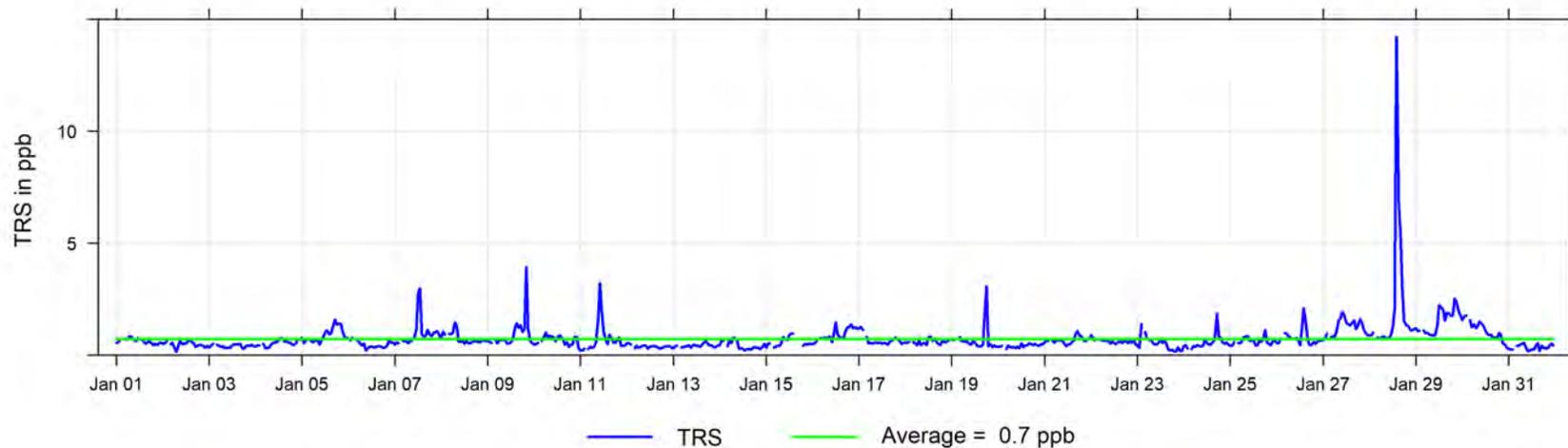
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Dunes



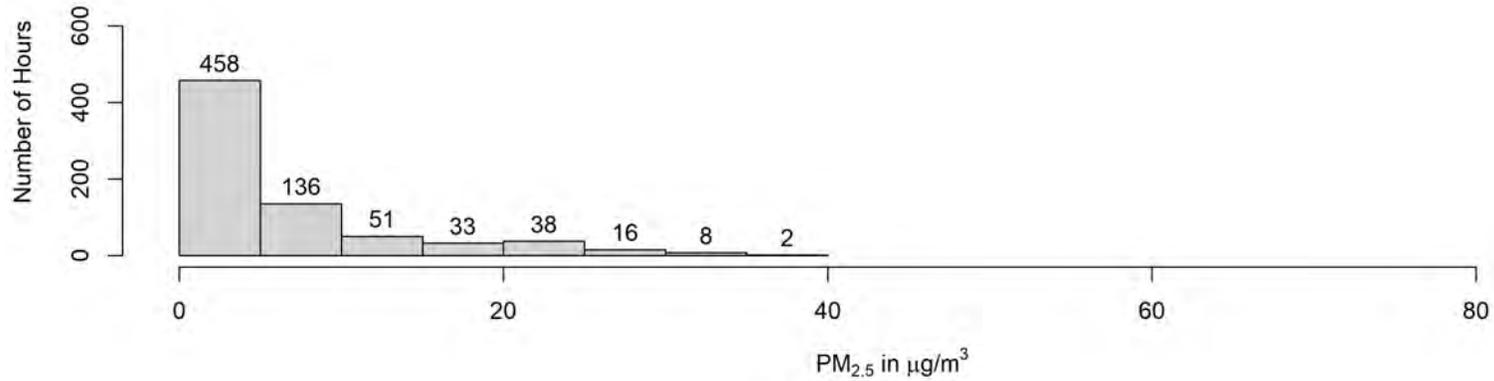
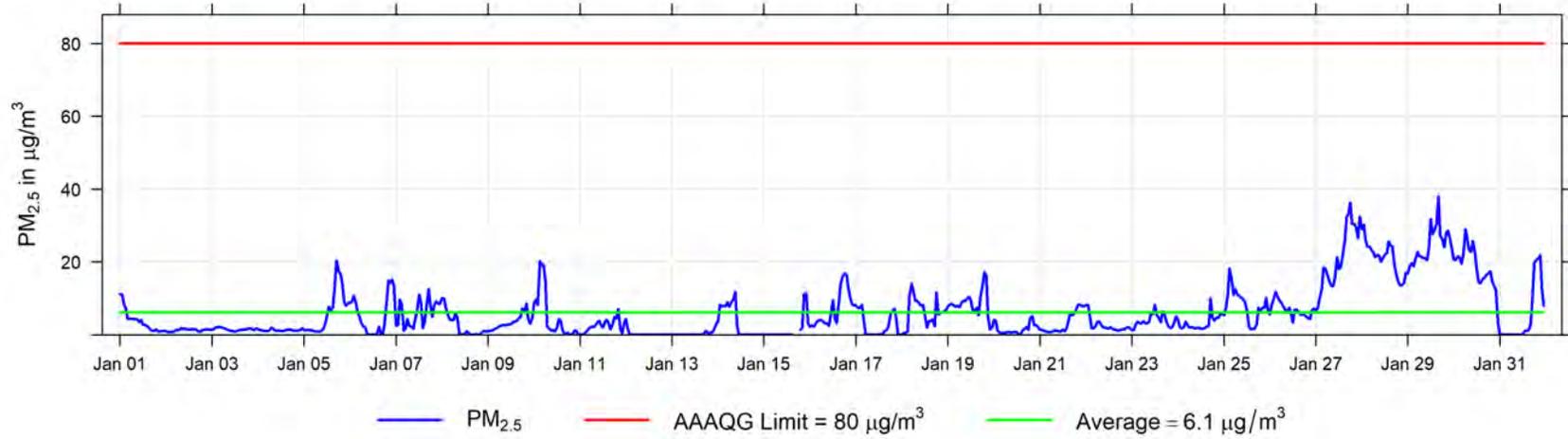
January 2026 30 min Concentration Readings of TRS (in ppb) at Dunes



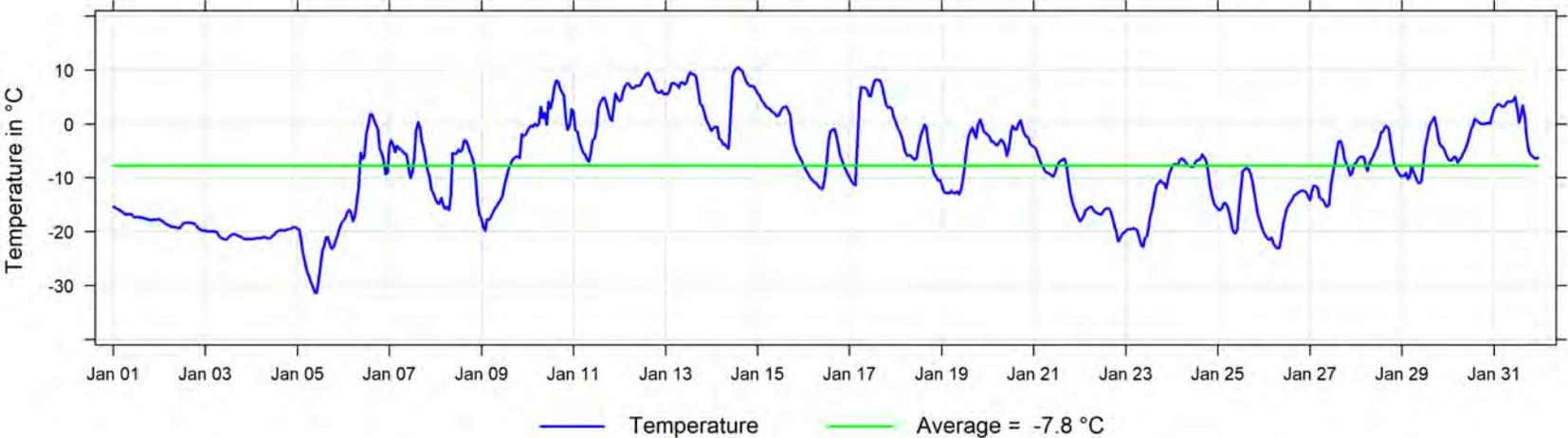
January 2026 Hourly Concentration Readings of TRS (in ppb) at Dunes



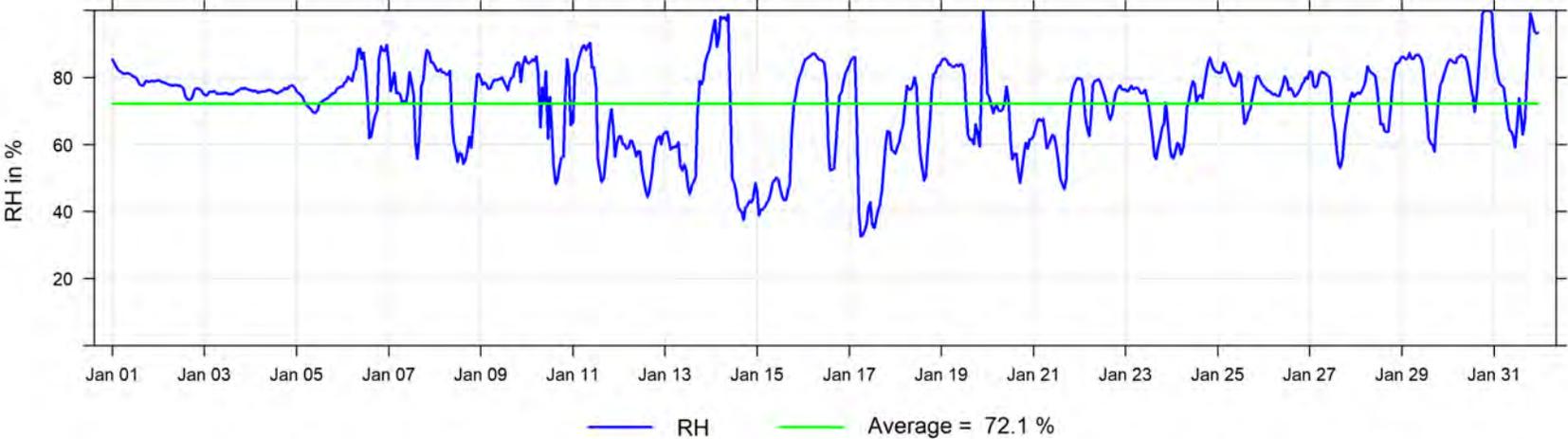
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Dunes



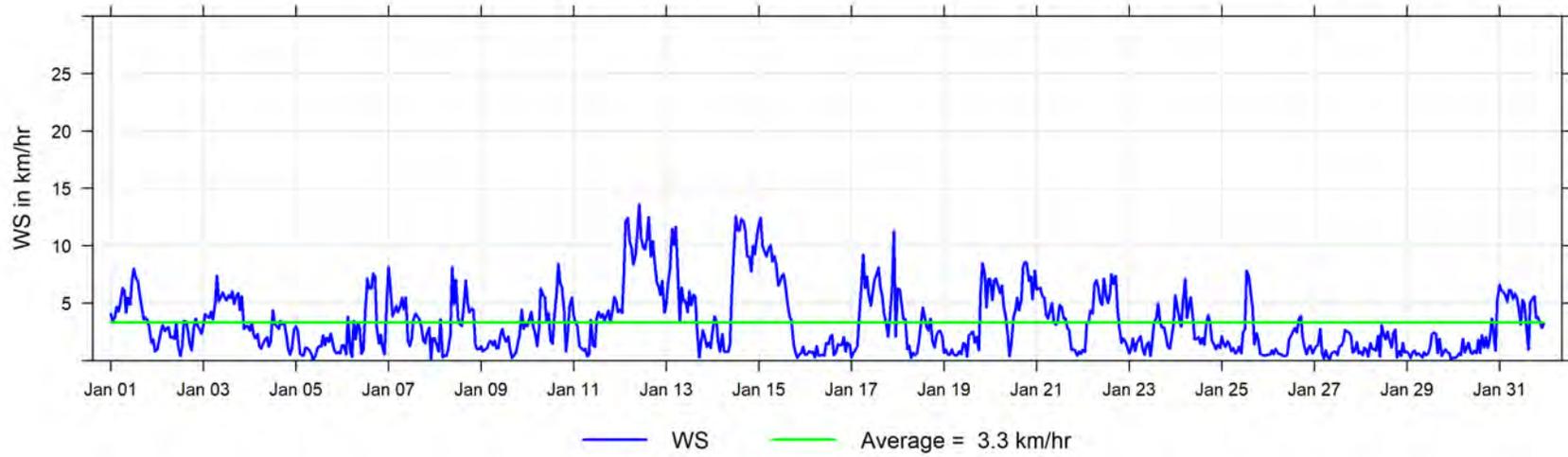
January 2026 Hourly Temperature Readings (in °C) at Dunes



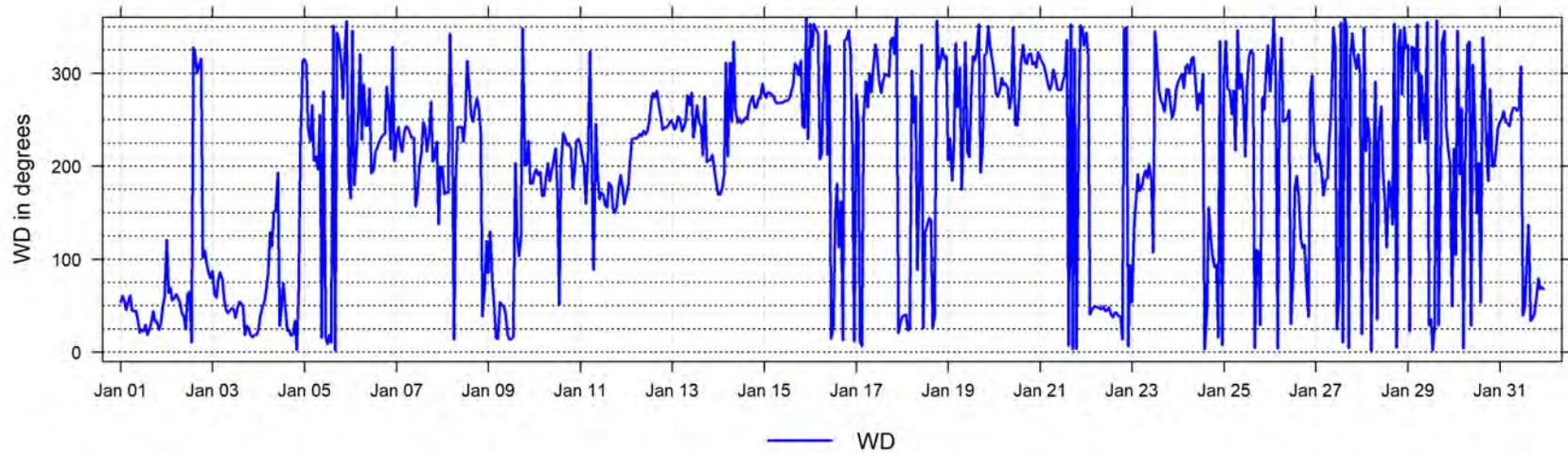
January 2026 Hourly Readings of Relative Humidity (in %) at Dunes



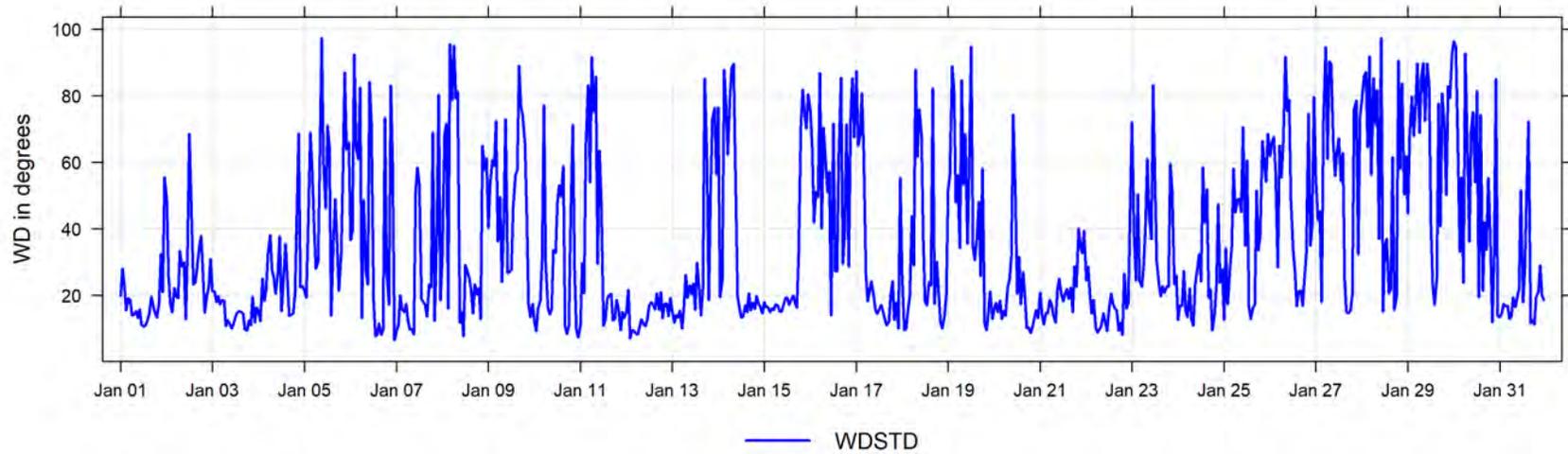
January 2026 Hourly Readings of Wind Speed (in km/hr) at Dunes

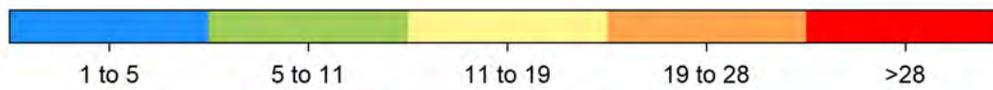
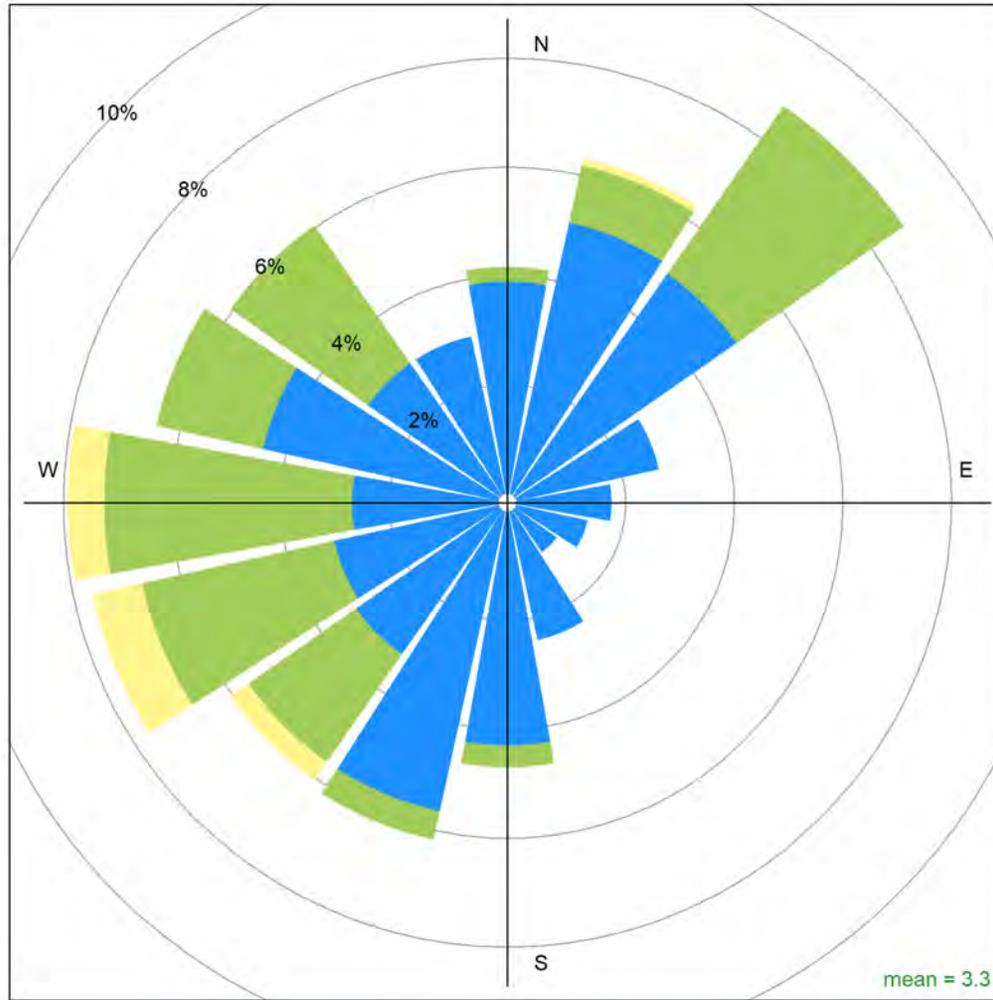


January 2026 Hourly Readings of Wind Direction (in degrees) at Dunes



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





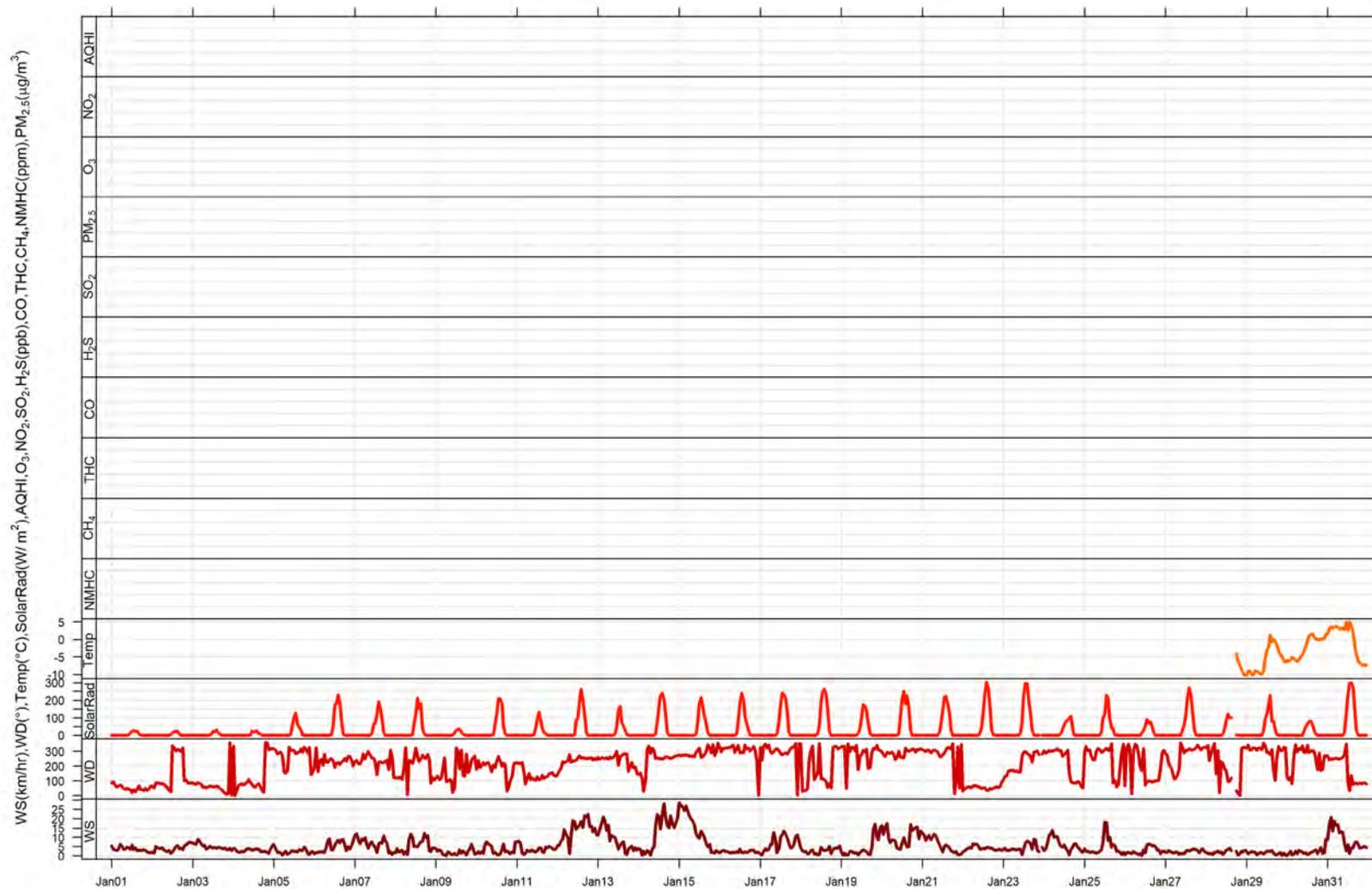
Dunes January 2026 Wind Rose, wind speed in km/hr

**Calms (<1km/hr) = 23.8 %**

## 4 Grande Prairie - Henry Pirker Charts

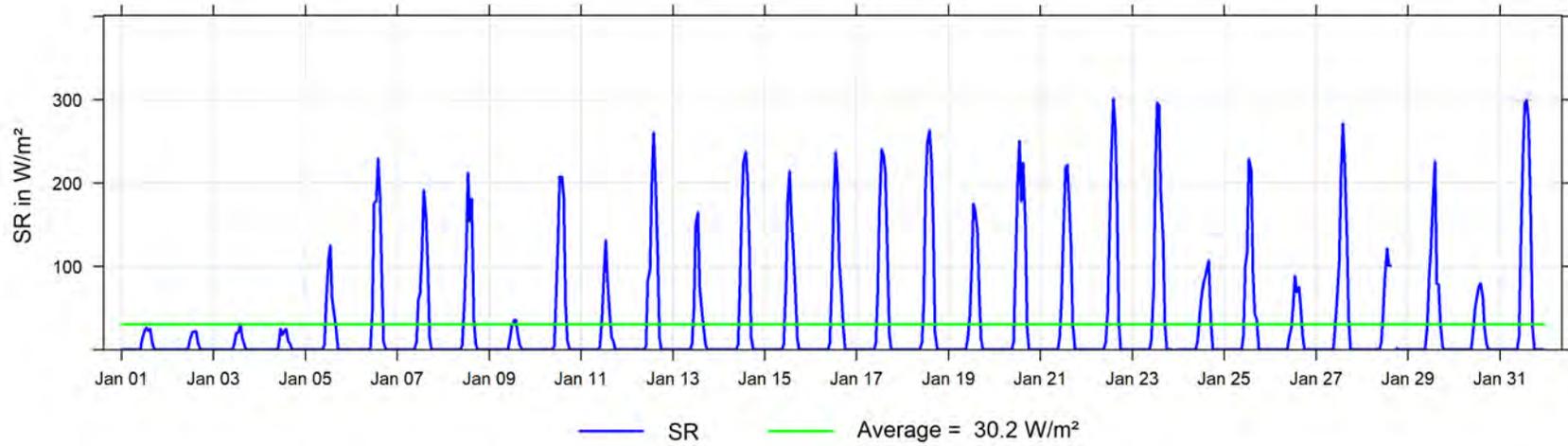
The following pages only include meteorology charts due to Henry Pirker Station not in operation in Grande Prairie

January 2026 Concentration Readings at Henry Pirker Station

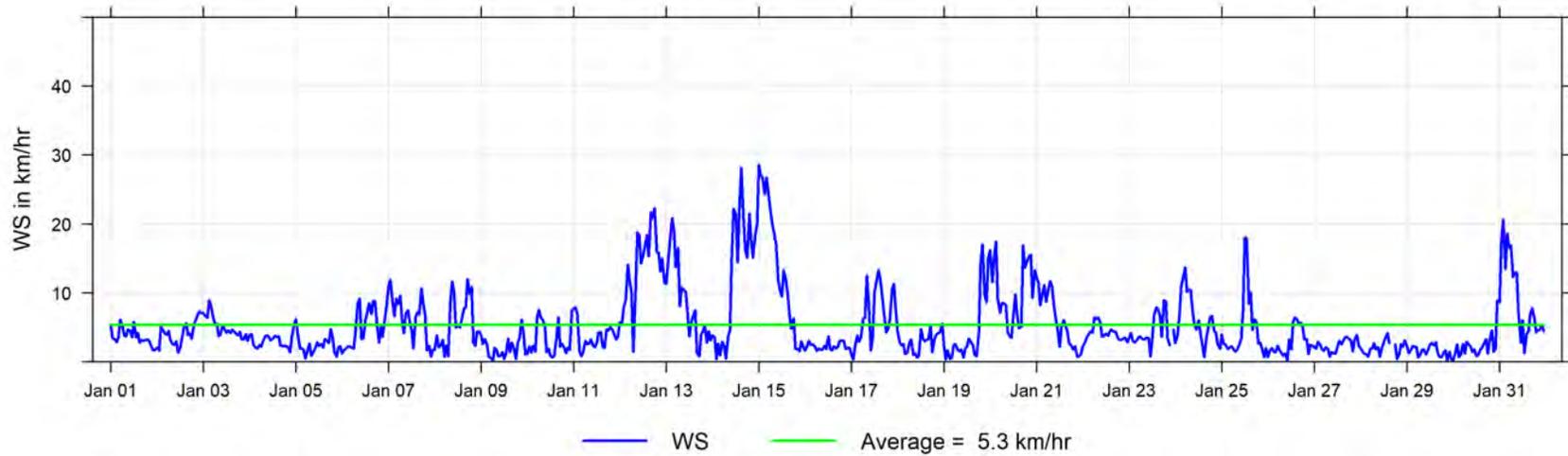




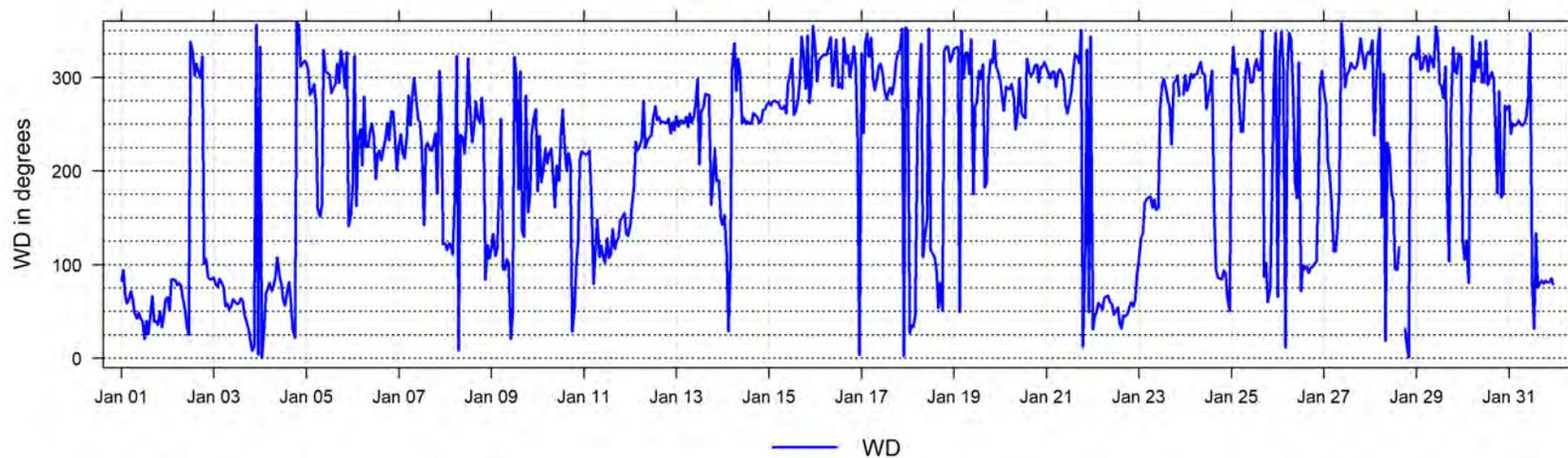
January 2026 Hourly Readings of Solar Radiation (in W/m<sup>2</sup>) at Henry Pirker



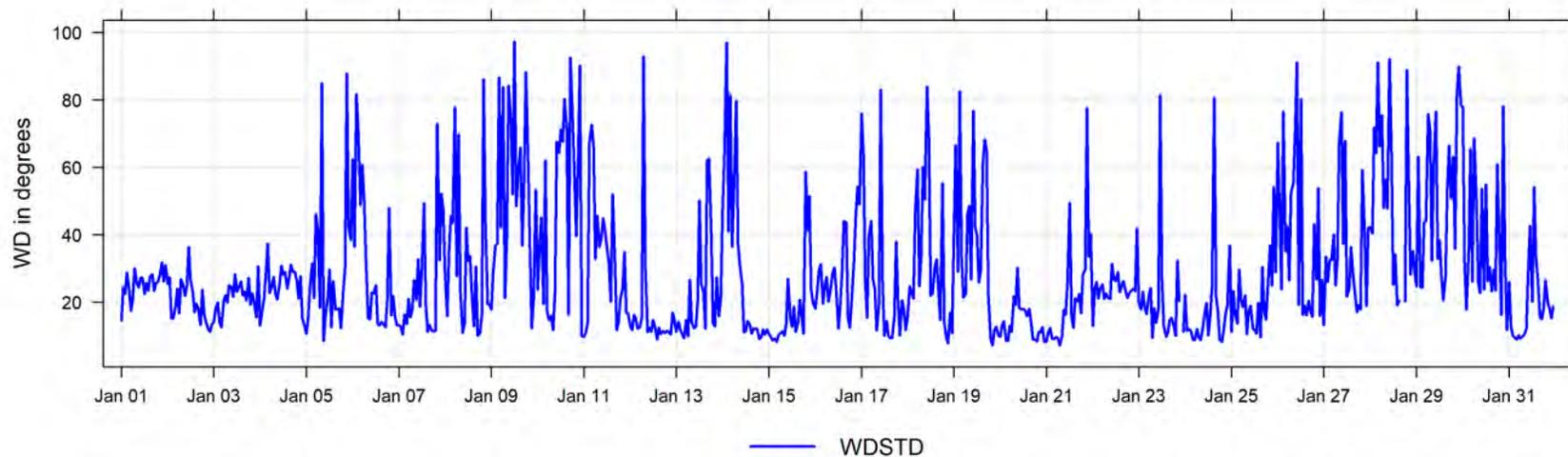
January 2026 Hourly Readings of Wind Speed (in km/hr) at Henry Pirker

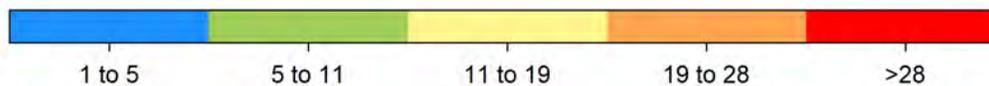
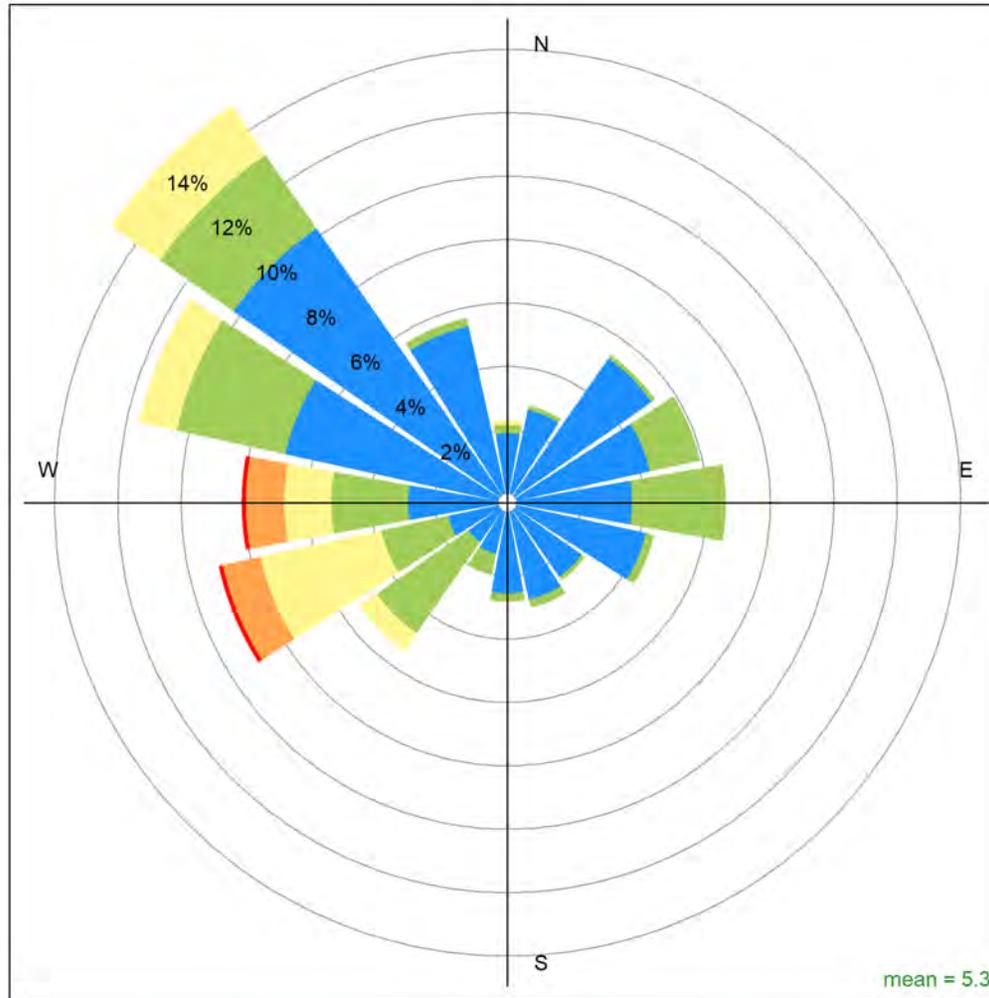


January 2026 Hourly Readings of Wind Direction (in degrees) at Henry Pirker



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





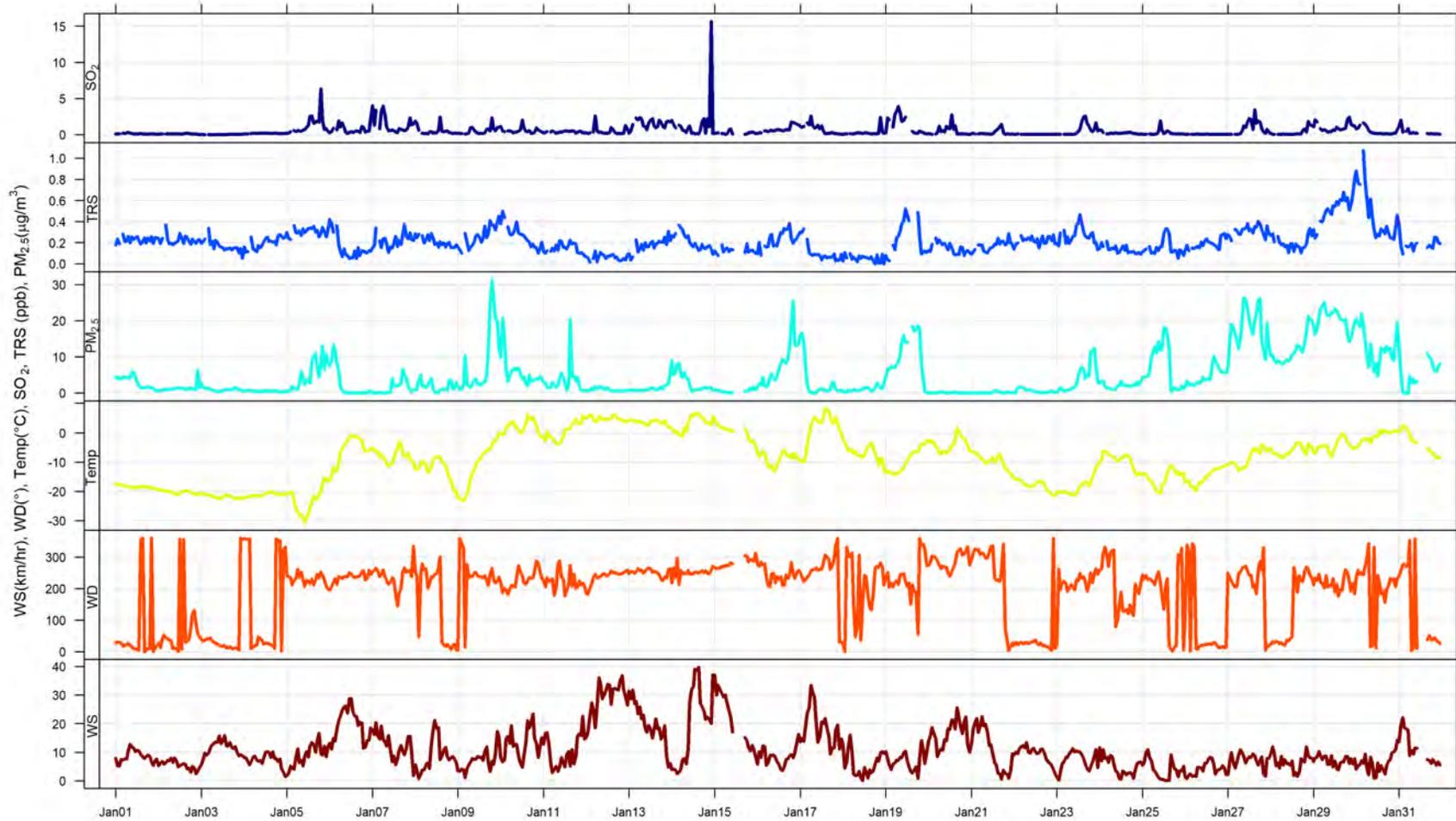
Henry Pirker January 2026 Wind Rose, wind speed in km/hr

**Calms (<1km/hr) = 7 %**

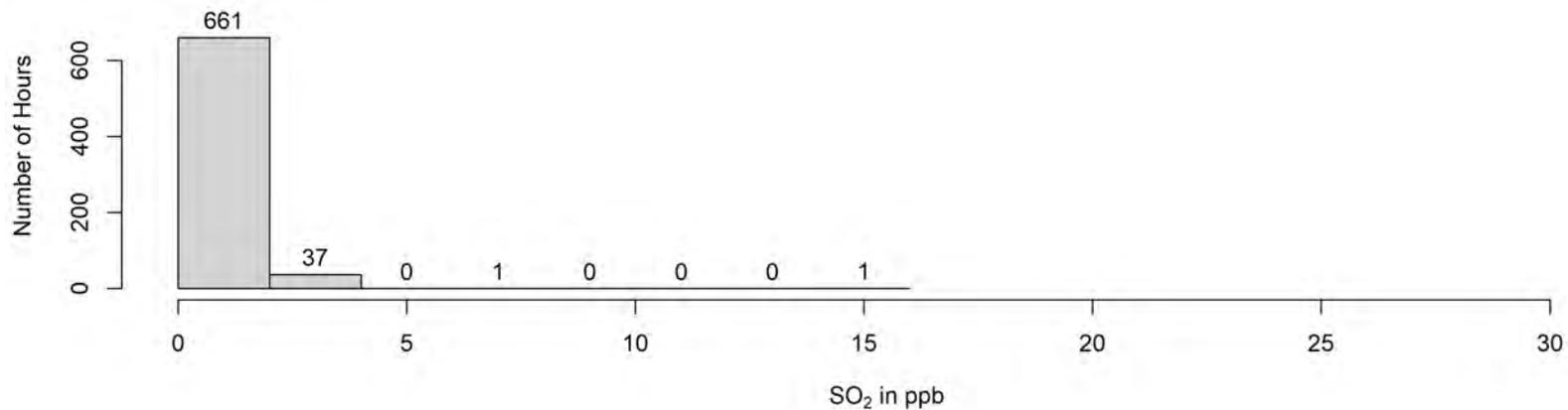
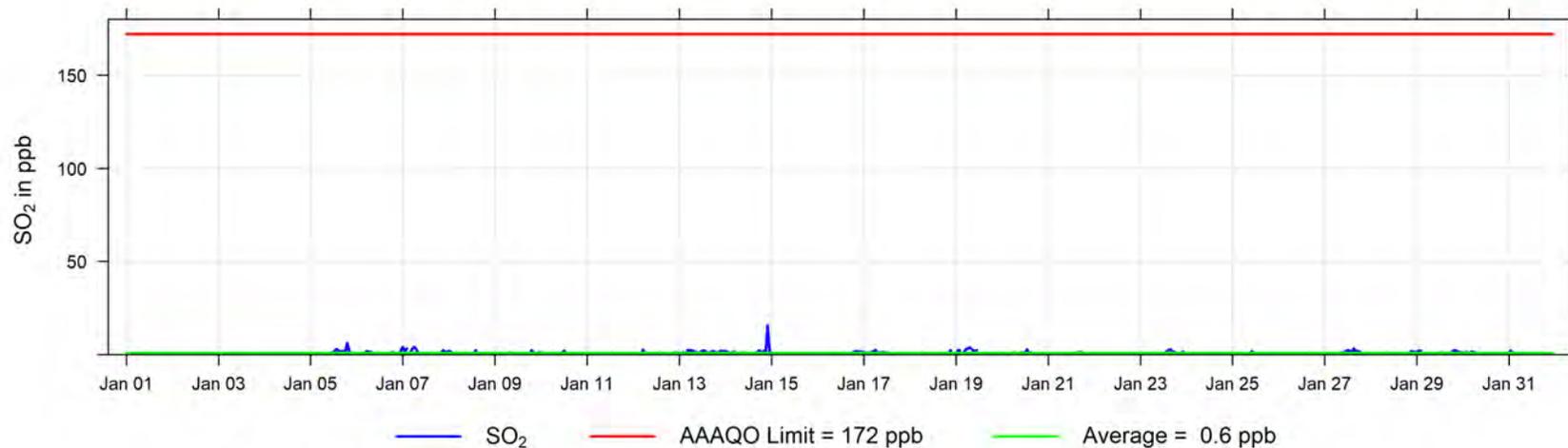
## 5 Smoky Heights Charts

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

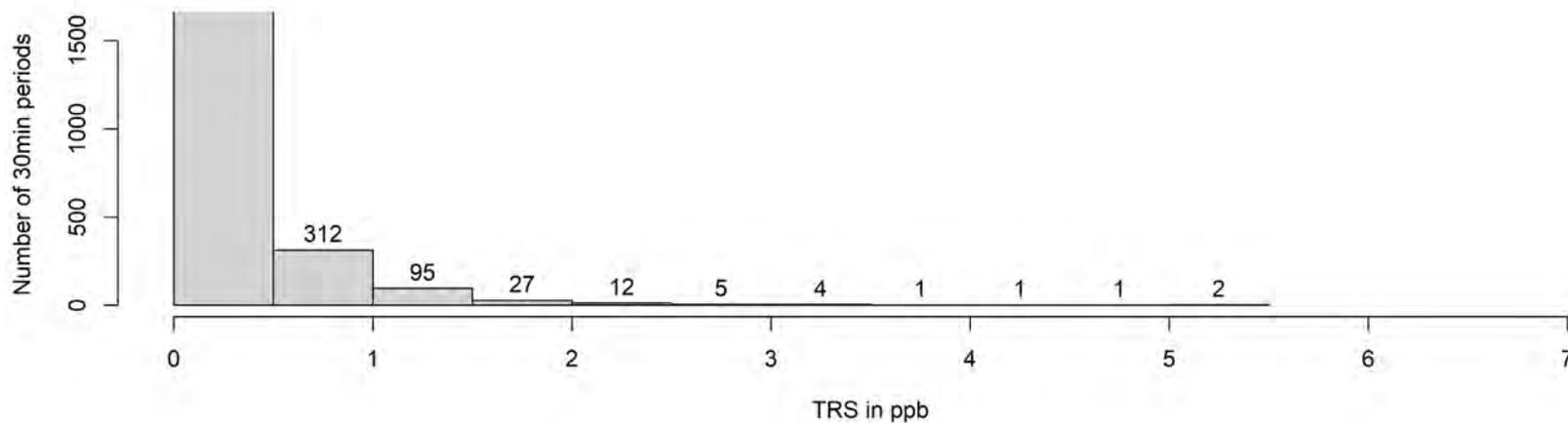
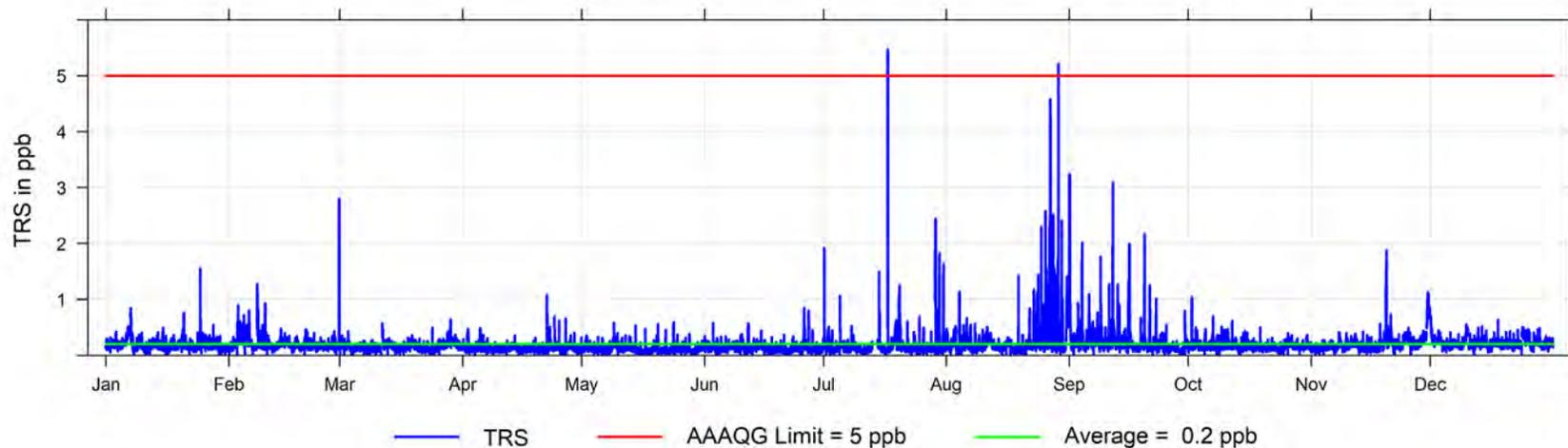
January 2026 Concentration Readings at Smoky Heights Station



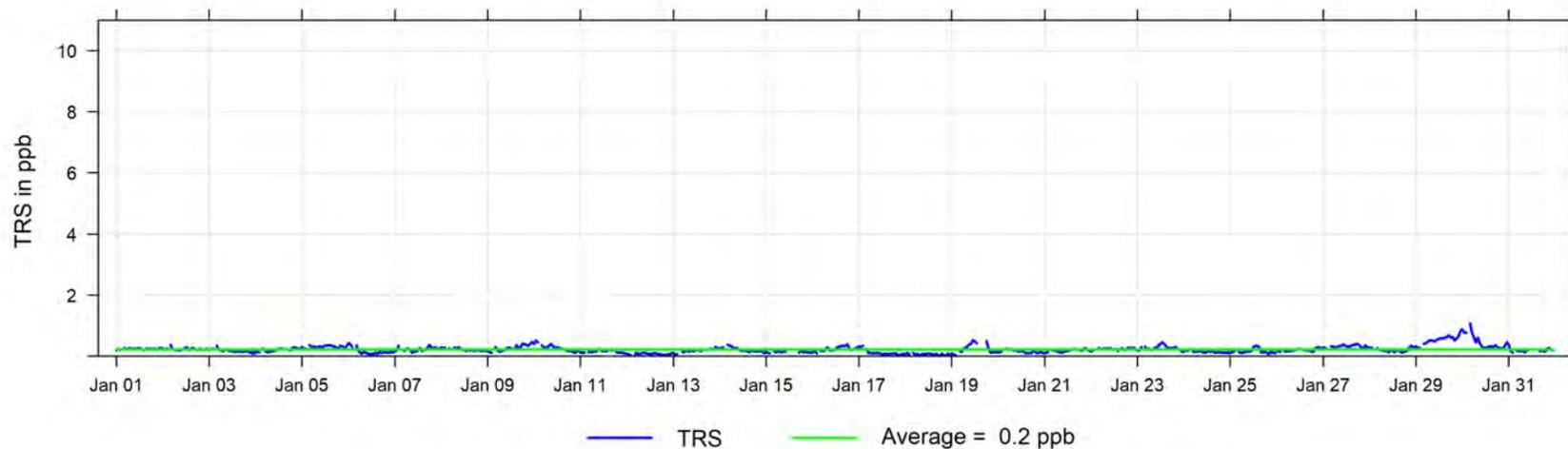
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Smoky Heights



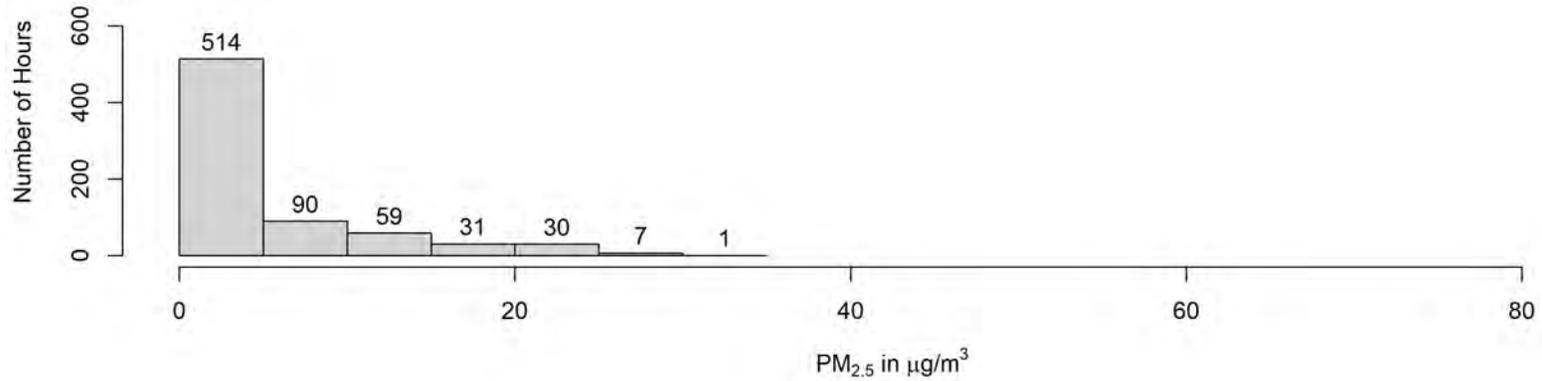
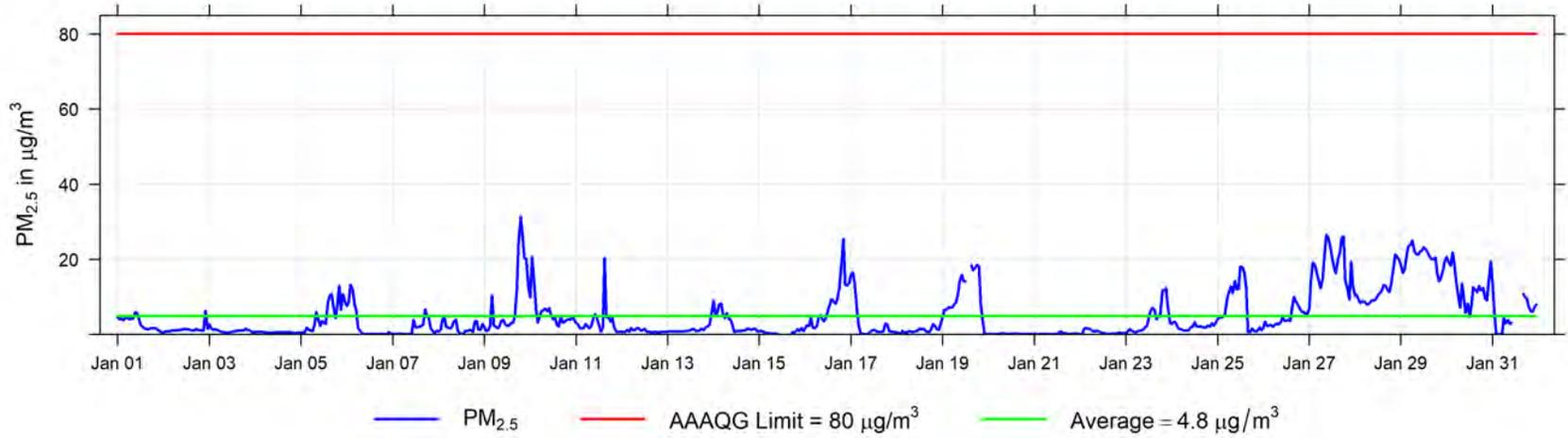
January 2026 30 min Concentration Readings of TRS (in ppb) at Smoky Heights



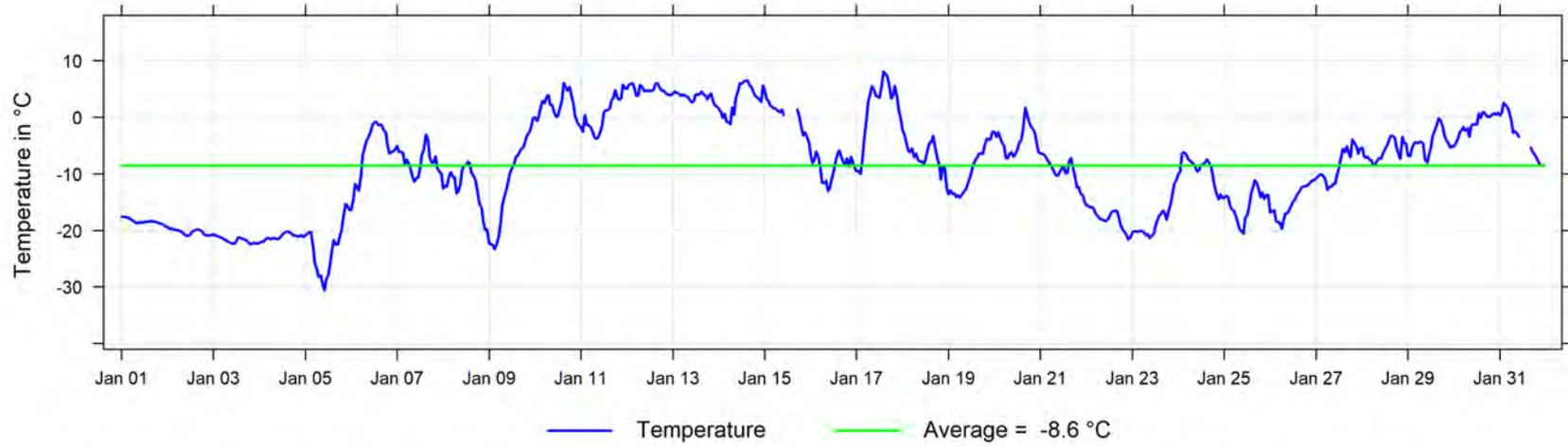
January 2026 Hourly Concentration Readings of TRS (in ppb) at Smoky Heights



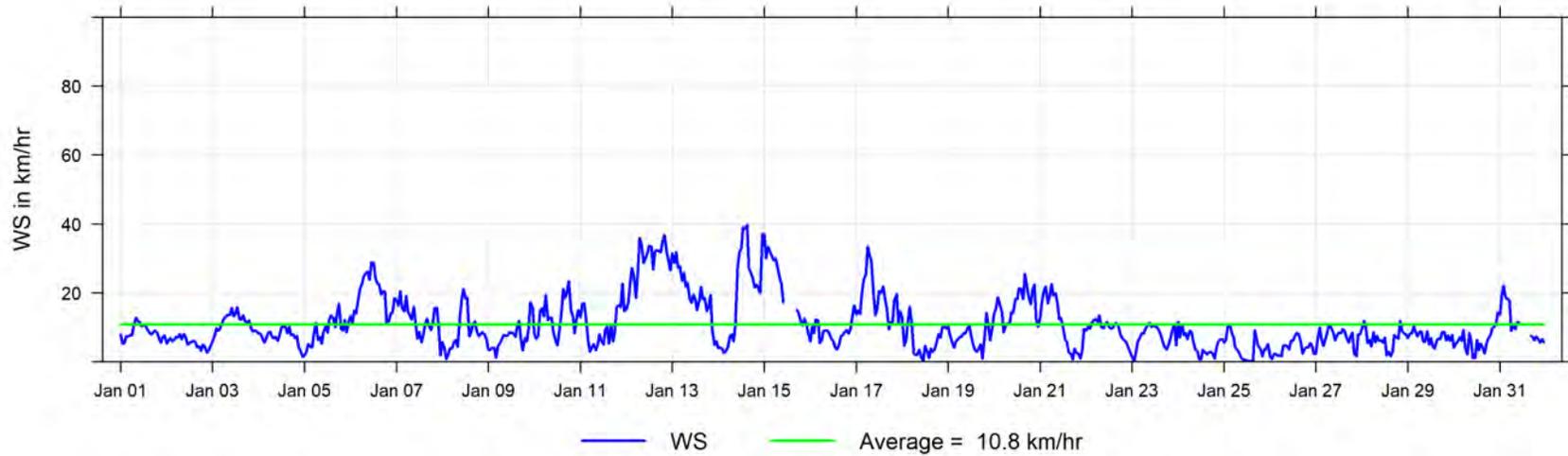
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Smoky Heights



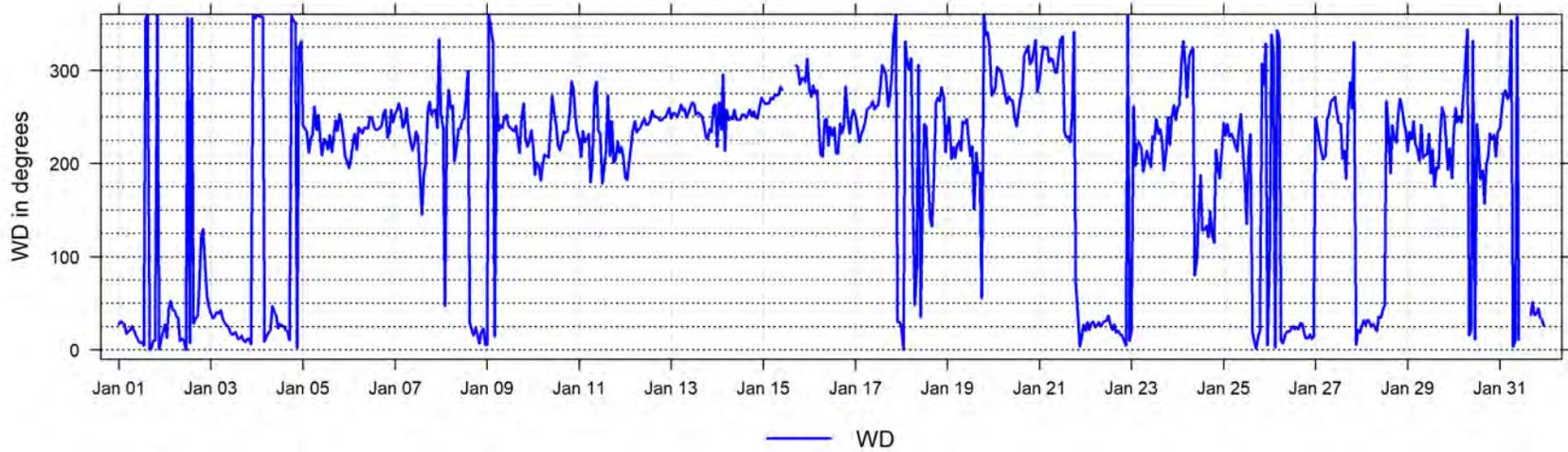
January 2026 Hourly Temperature Readings (in °C) at Smoky Heights



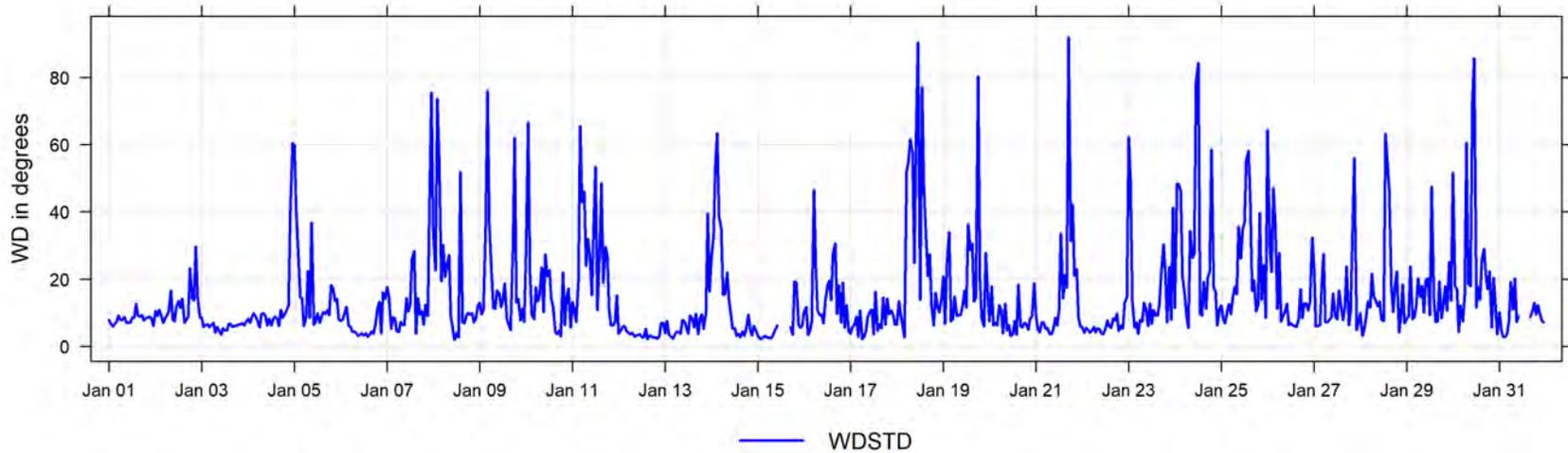
January 2026 Hourly Readings of Wind Speed (in km/hr) at Smoky Heights

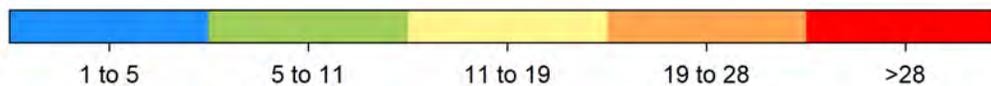
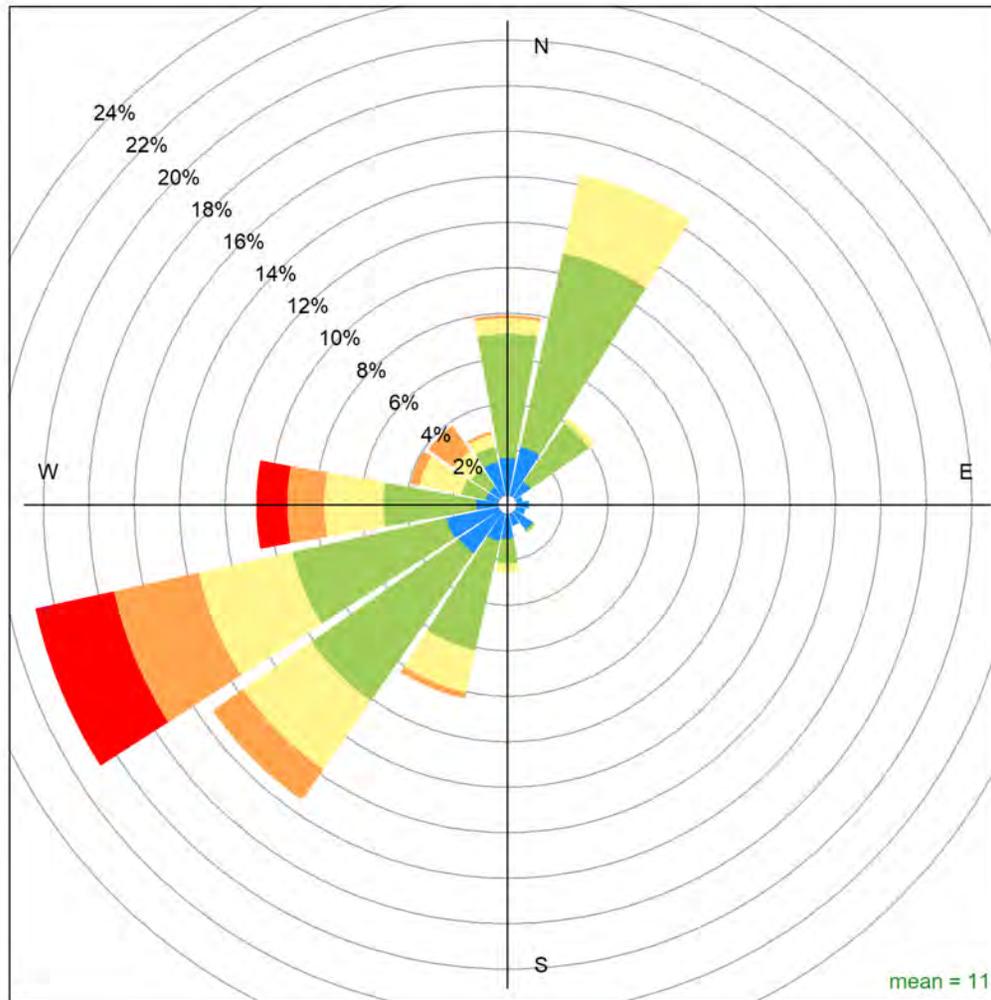


January 2026 Hourly Readings of Wind Direction (in degrees) at Smoky Heights



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



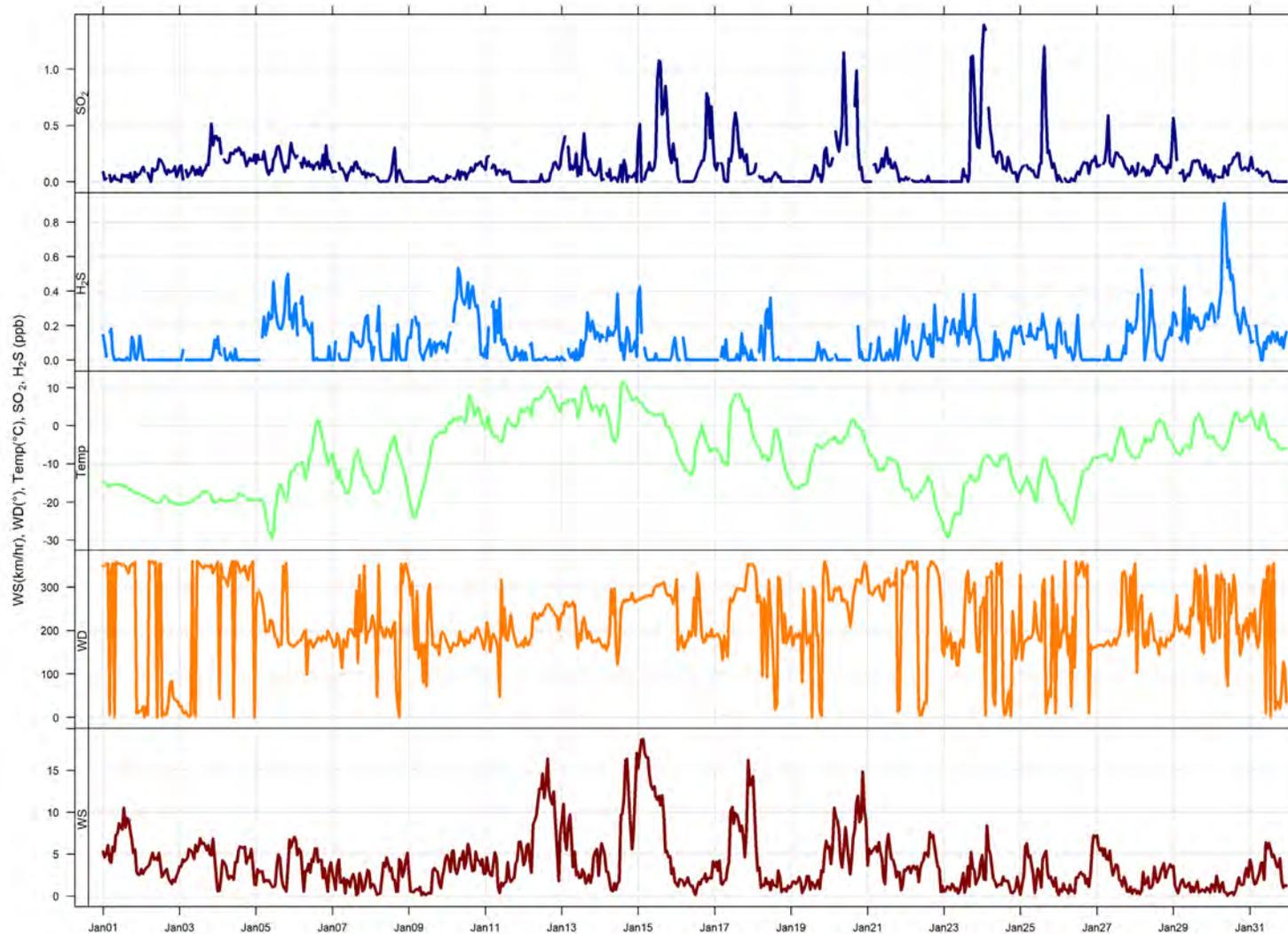


Smoky Heights January 2026 Wind Rose, wind speed in km/hr  
**Calms (<1km/hr) = 2.2 %**

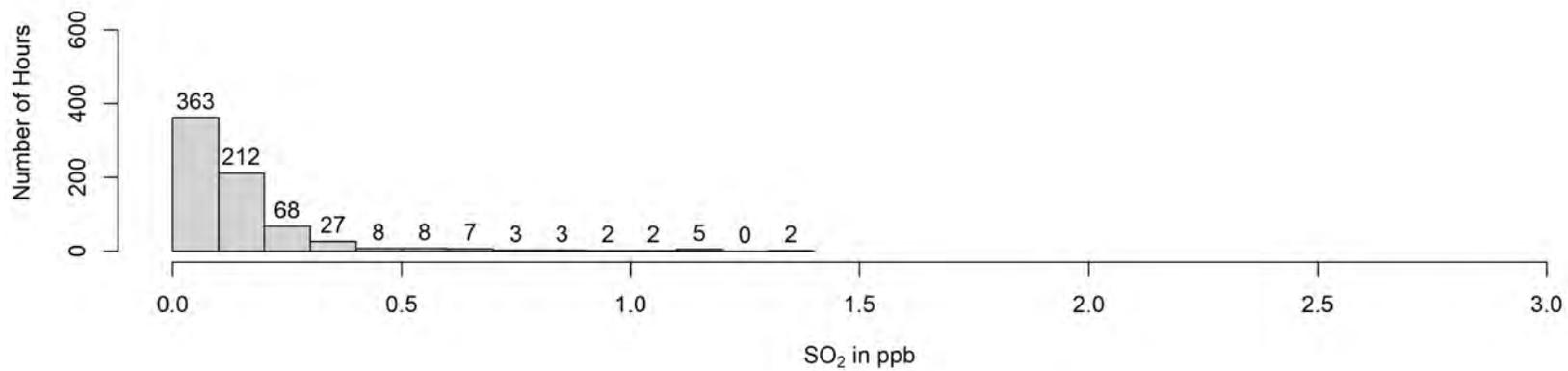
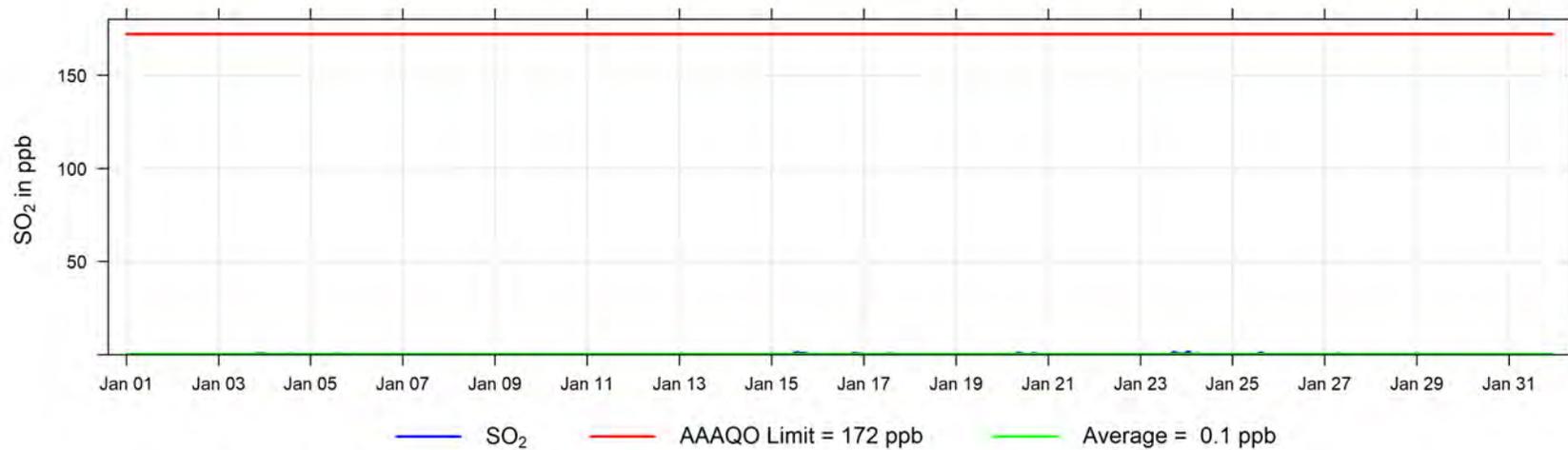
## 6 Valleyview Charts

The following pages include the charts and histograms for Valleyview Station

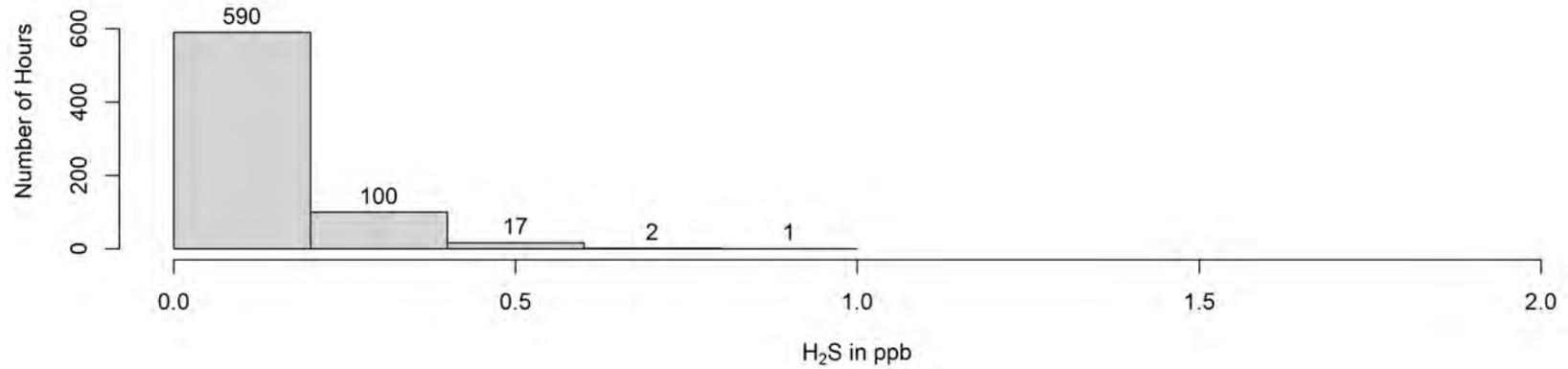
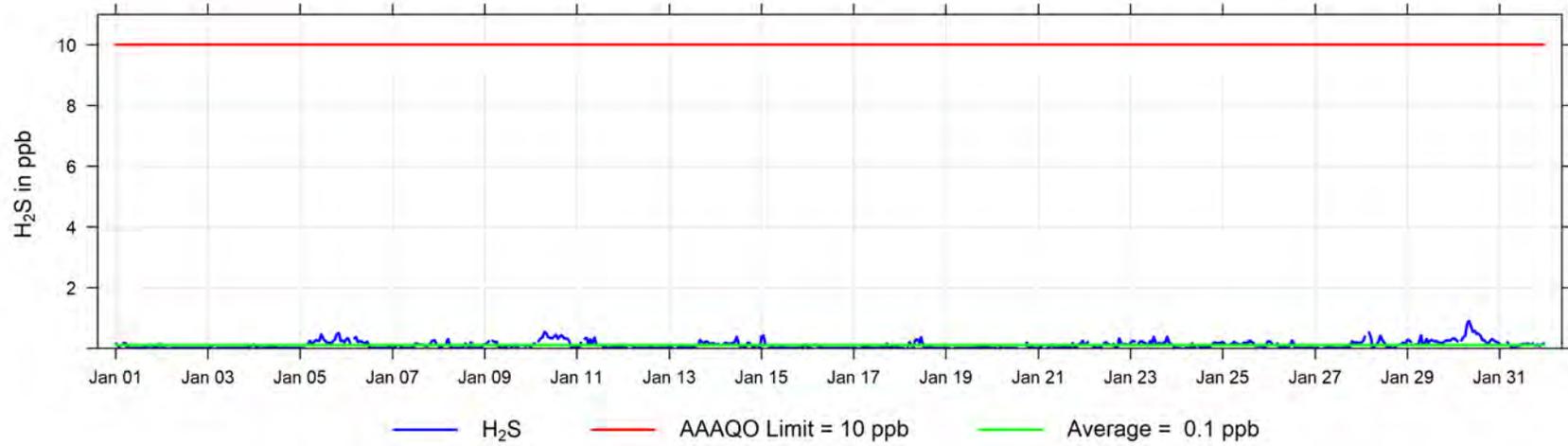
January 2026 Concentration Readings at Valleyview Station



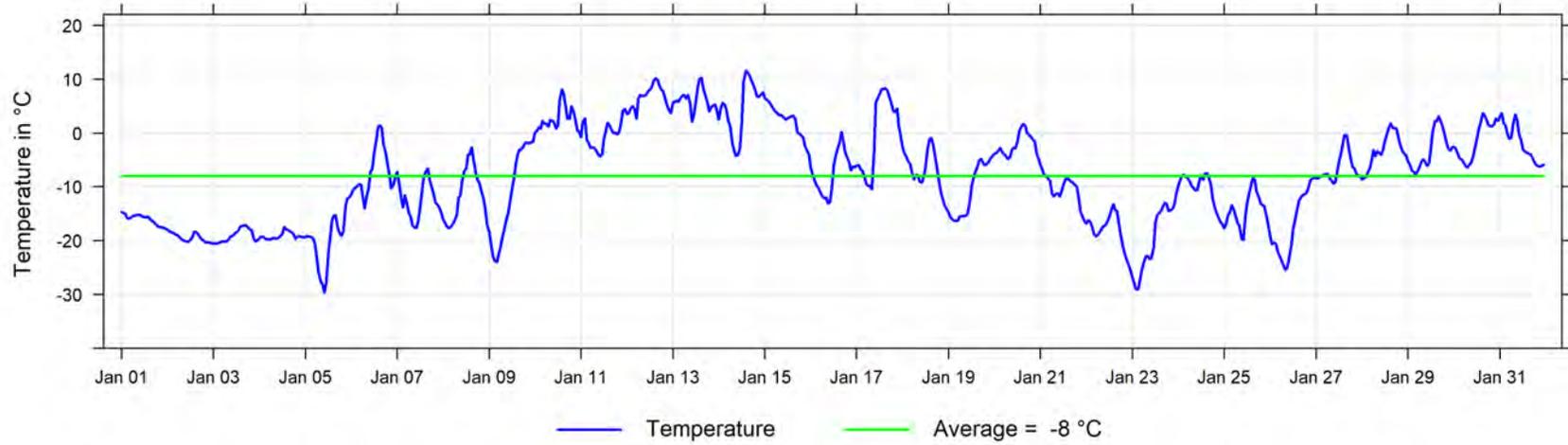
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Valleyview



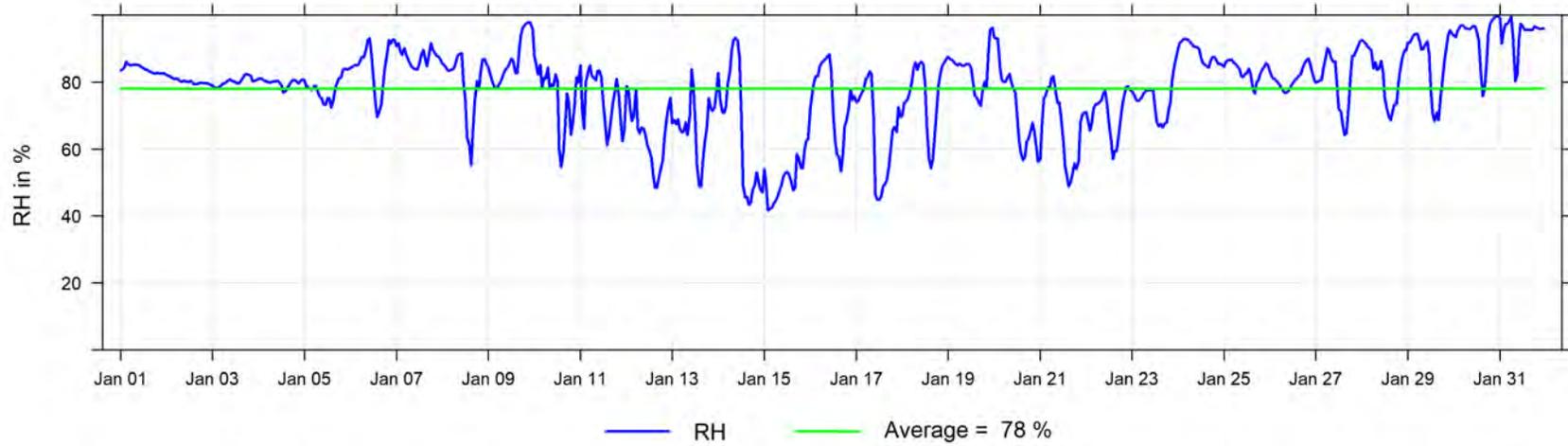
January 2026 Hourly Concentration Readings of H<sub>2</sub>S (in ppb) at Valleyview



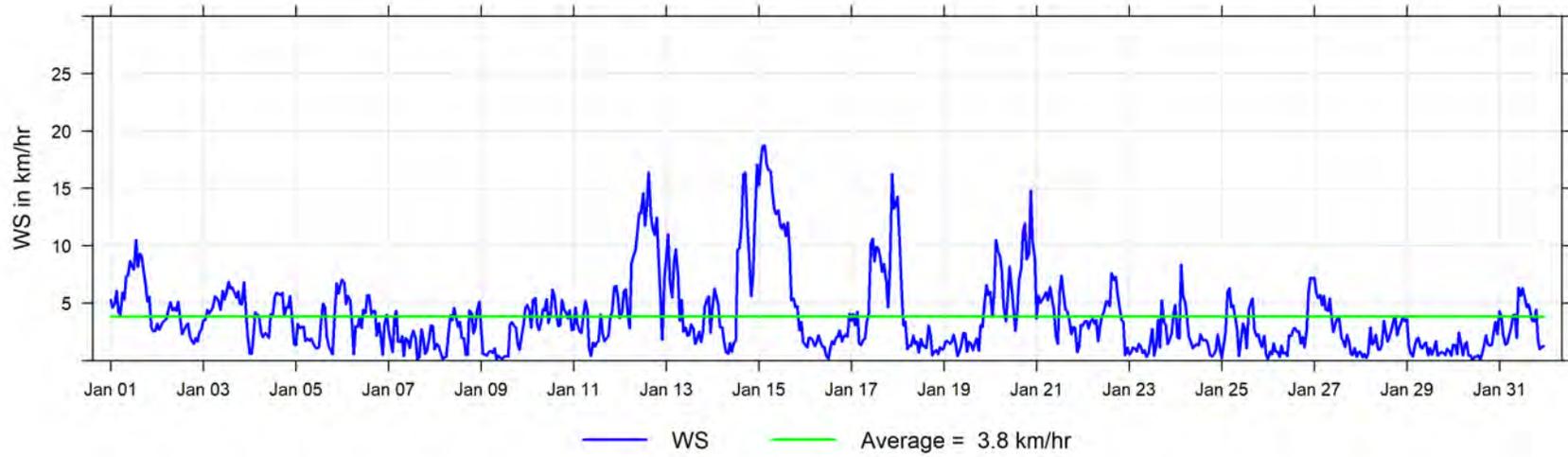
January 2026 Hourly Temperature Readings (in °C) at Valleyview



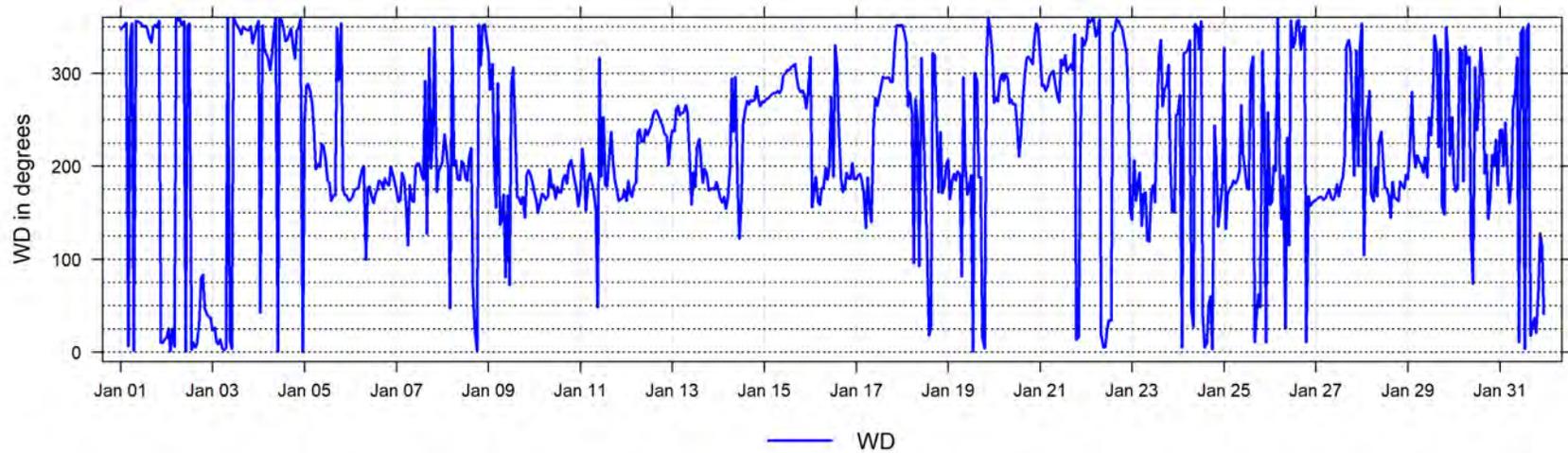
January 2026 Hourly Readings of Relative Humidity (in %) at Valleyview



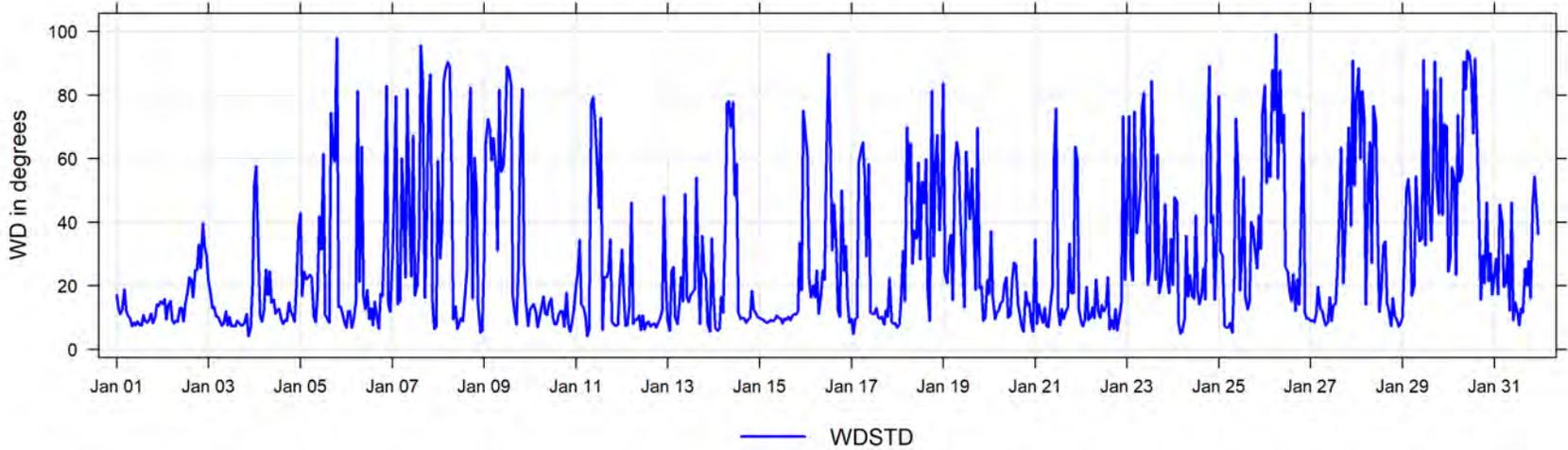
January 2026 Hourly Readings of Wind Speed (in km/hr) at Valleyview

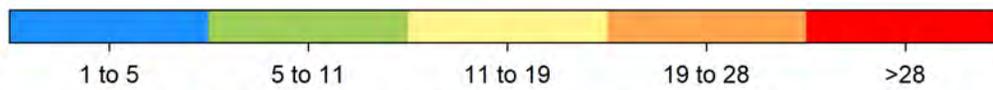
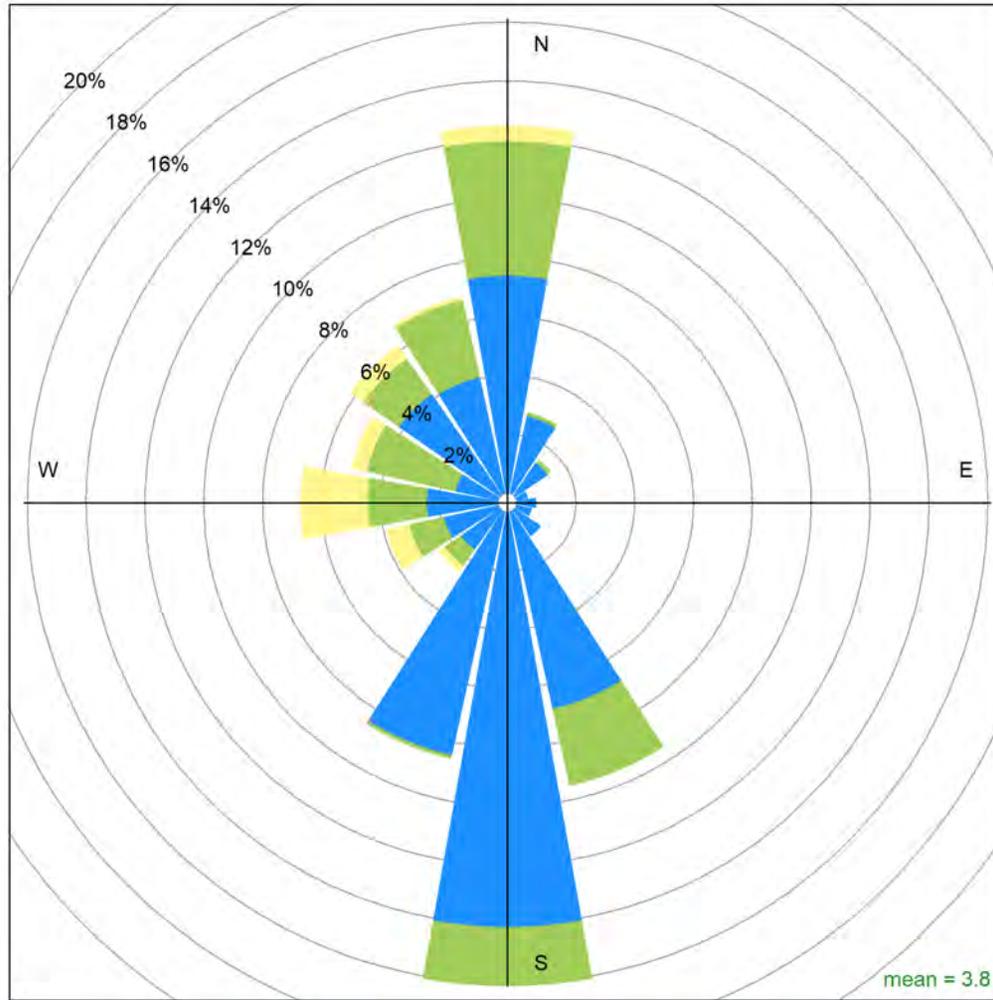


January 2026 Hourly Readings of Wind Direction (in degrees) at Valleyview



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





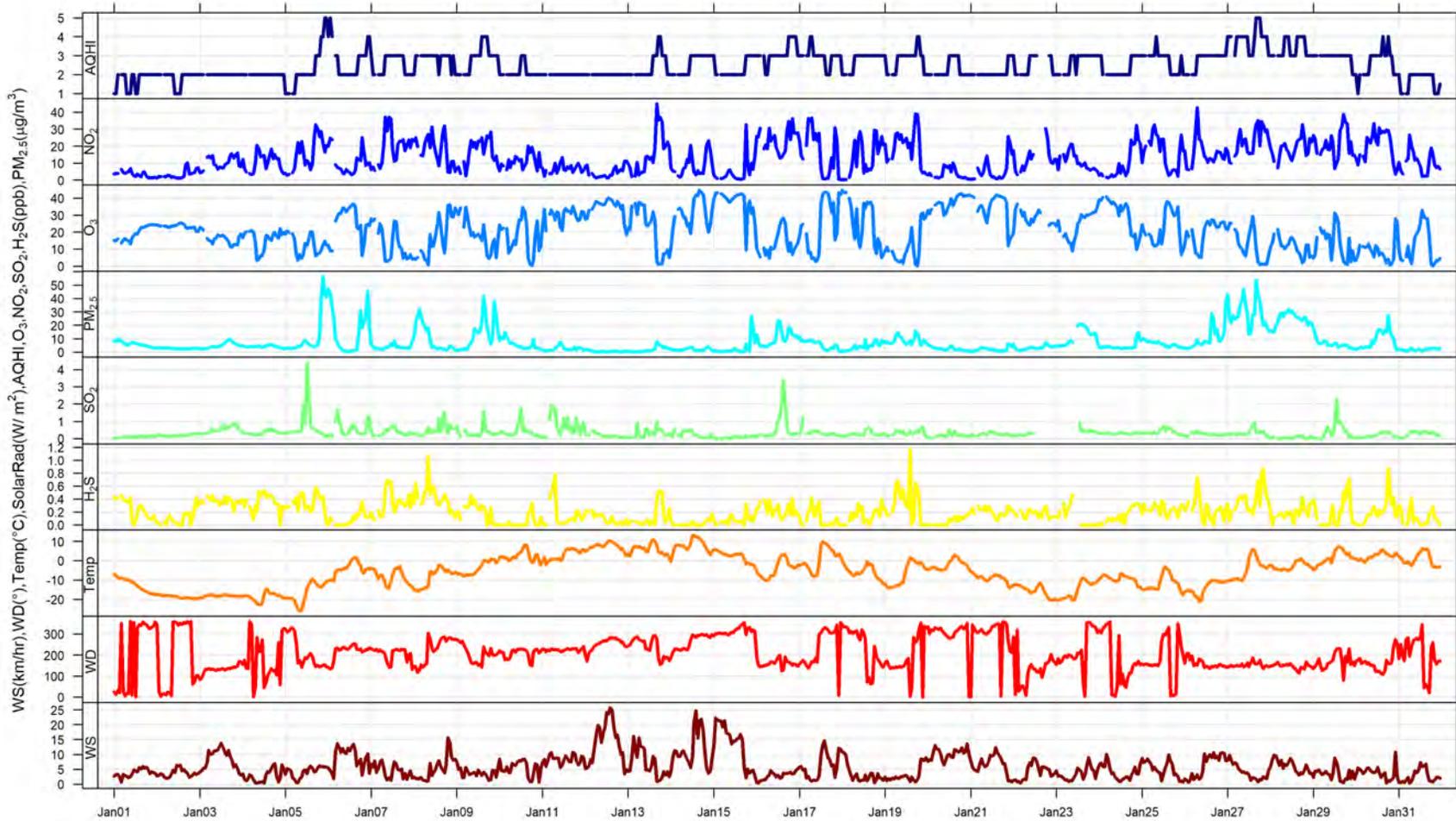
Valleyview January 2026 Wind Rose, wind speed in km/hr

**Calms (<1km/hr) = 15 %**

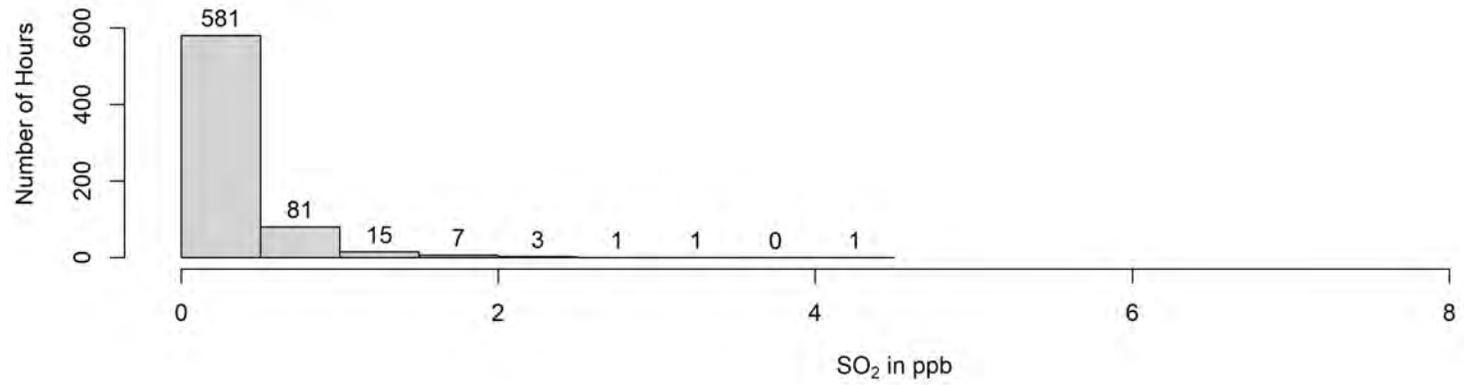
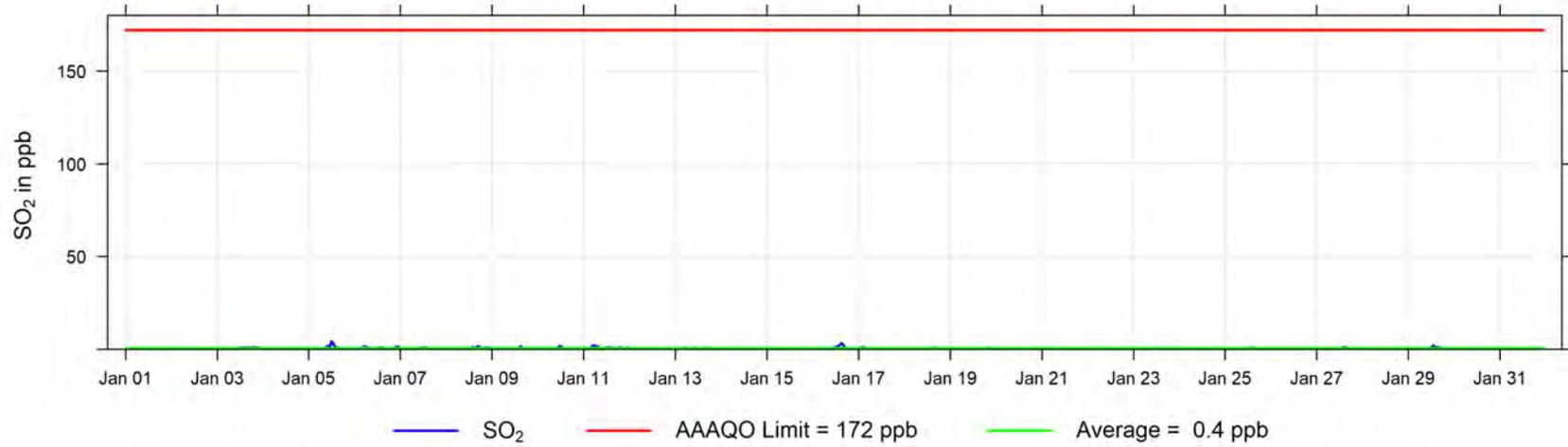
## 7 Fox Creek Charts

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

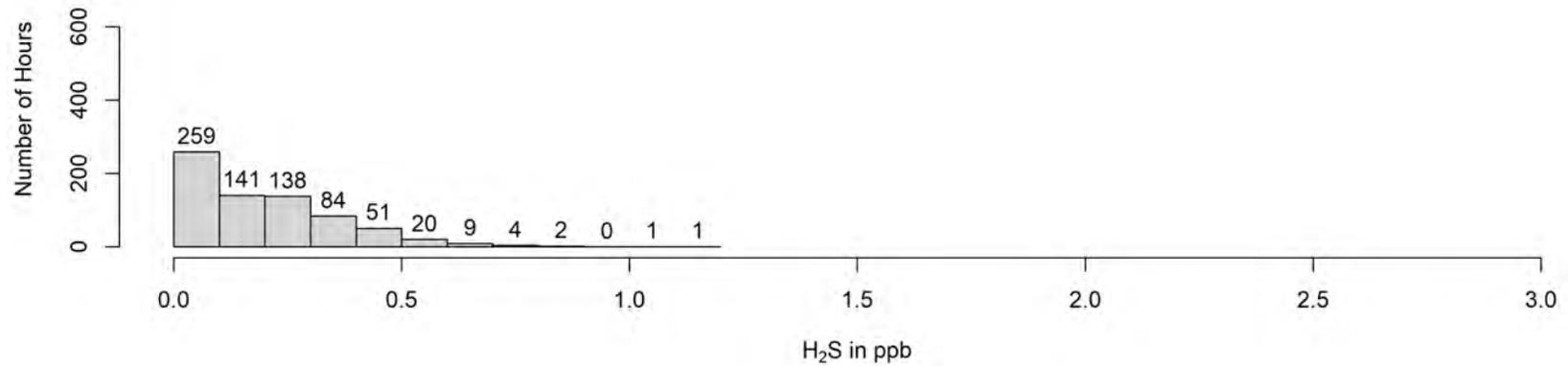
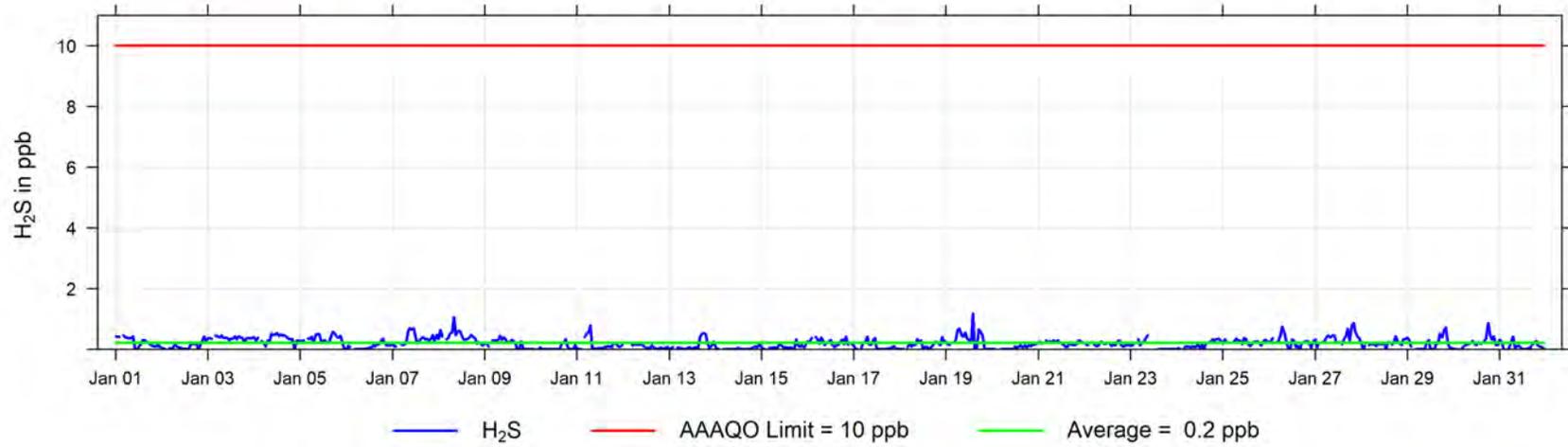
January 2026 Concentration Readings at Fox Creek Station



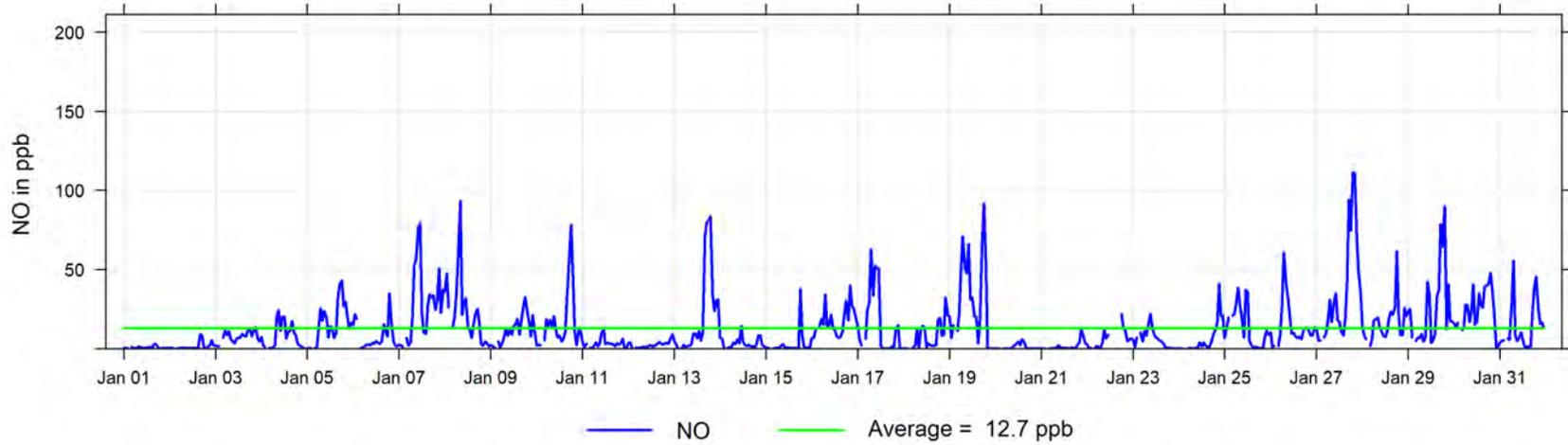
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Fox Creek



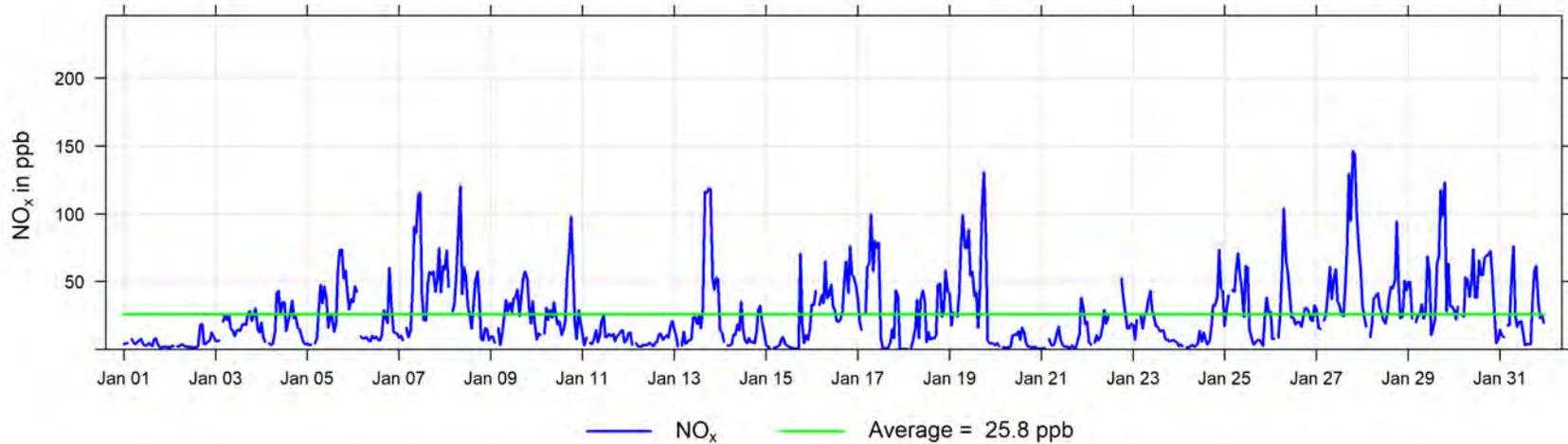
January 2026 Hourly Concentration Readings of H<sub>2</sub>S (in ppb) at Fox Creek



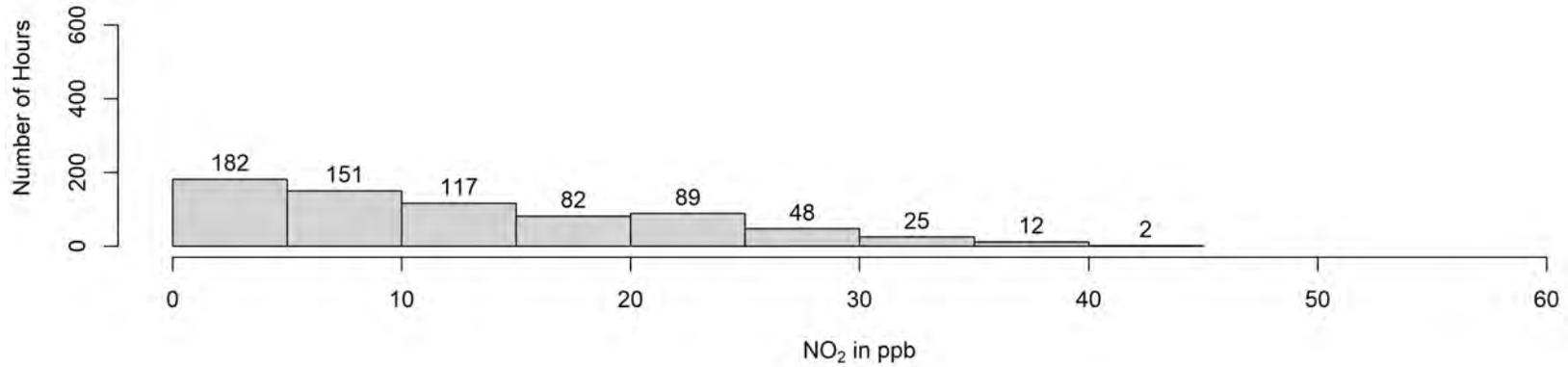
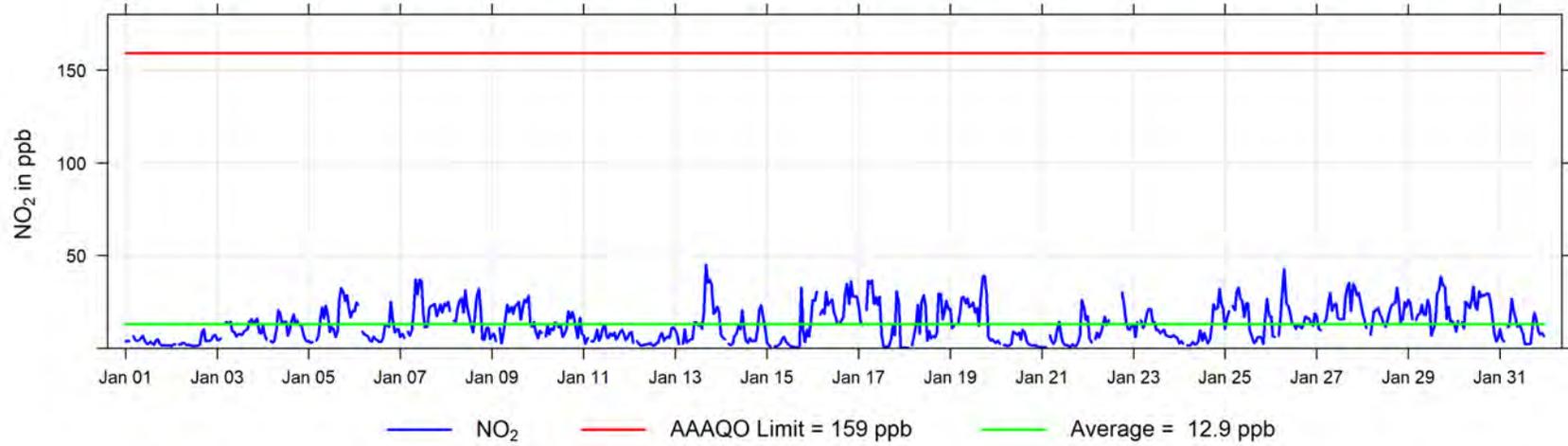
January 2026 Hourly Concentration Readings of NO (in ppb) at Fox Creek



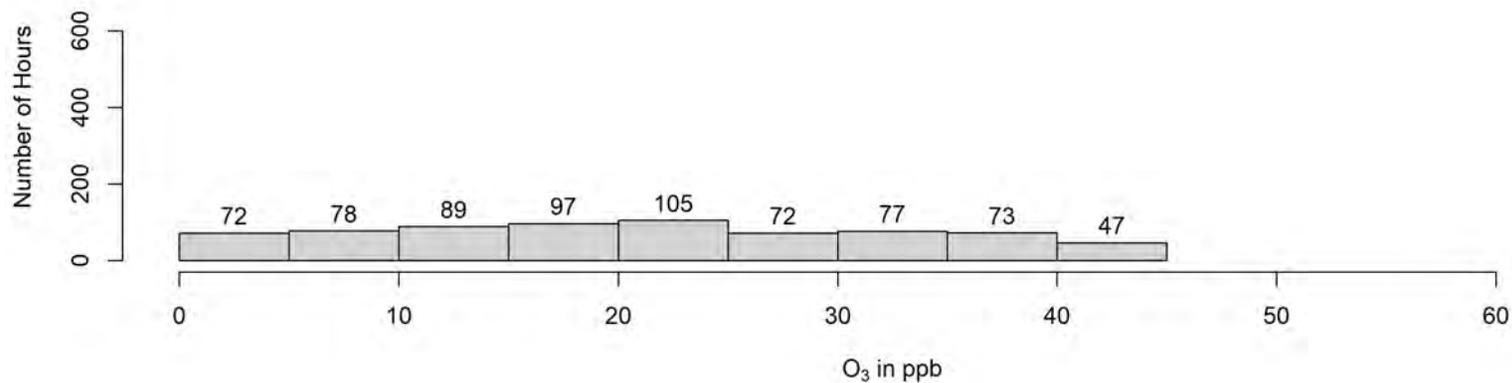
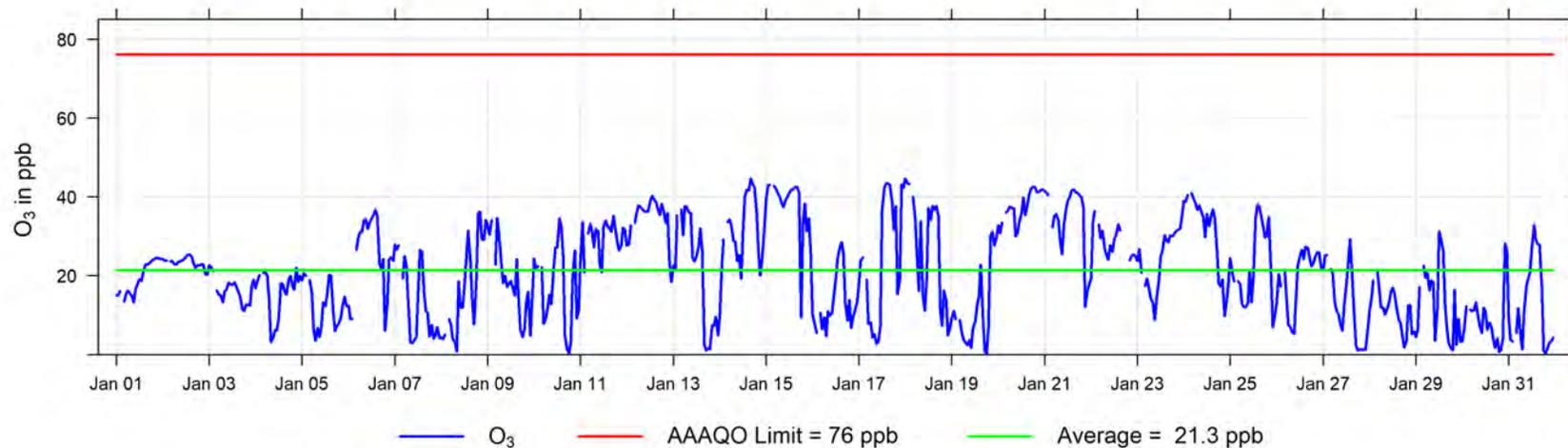
January 2026 Hourly Concentration Readings of NO<sub>x</sub> (in ppb) at Fox Creek



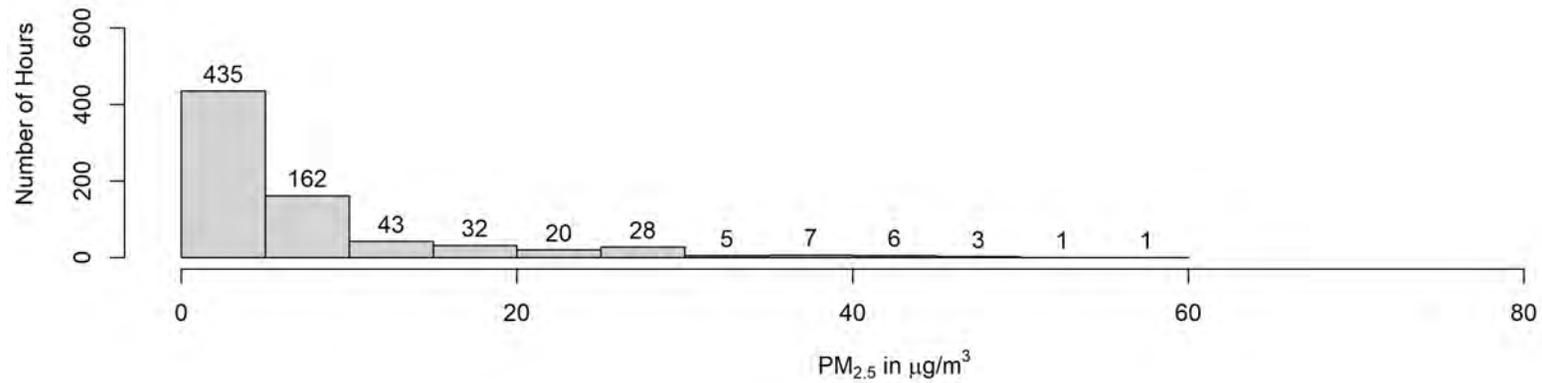
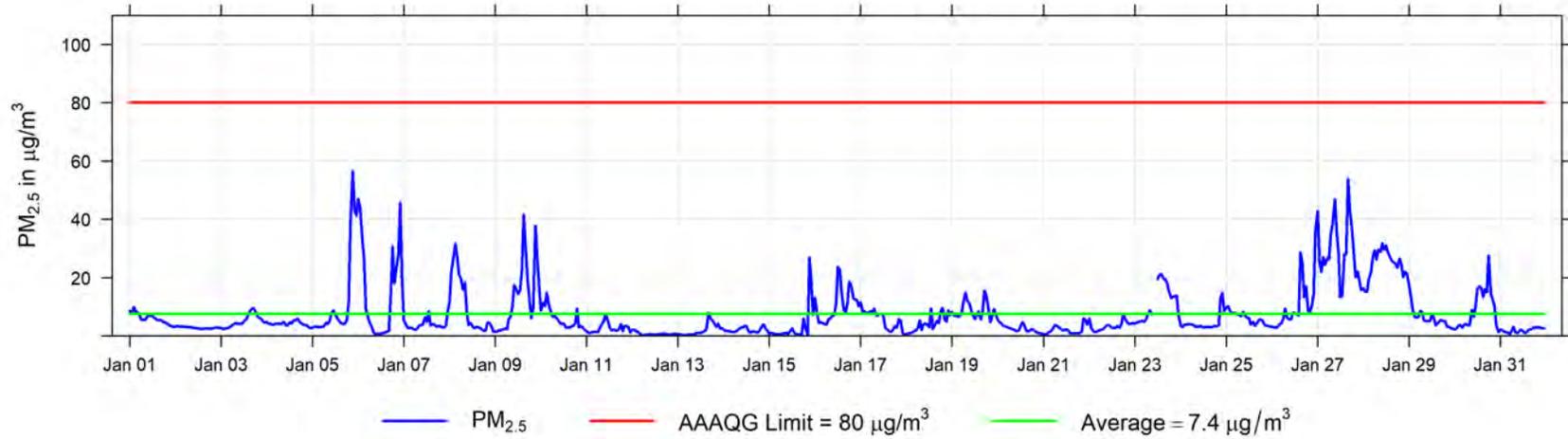
January 2026 Hourly Concentration Readings of NO<sub>2</sub> (in ppb) at Fox Creek



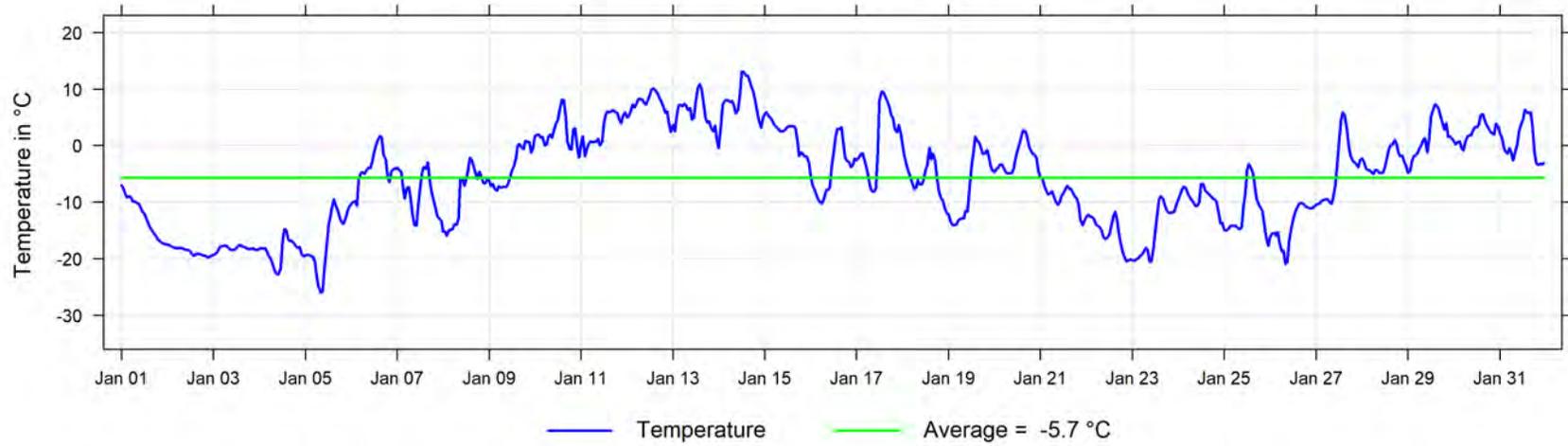
January 2026 Hourly Concentration Readings of O<sub>3</sub> (in ppb) at Fox Creek



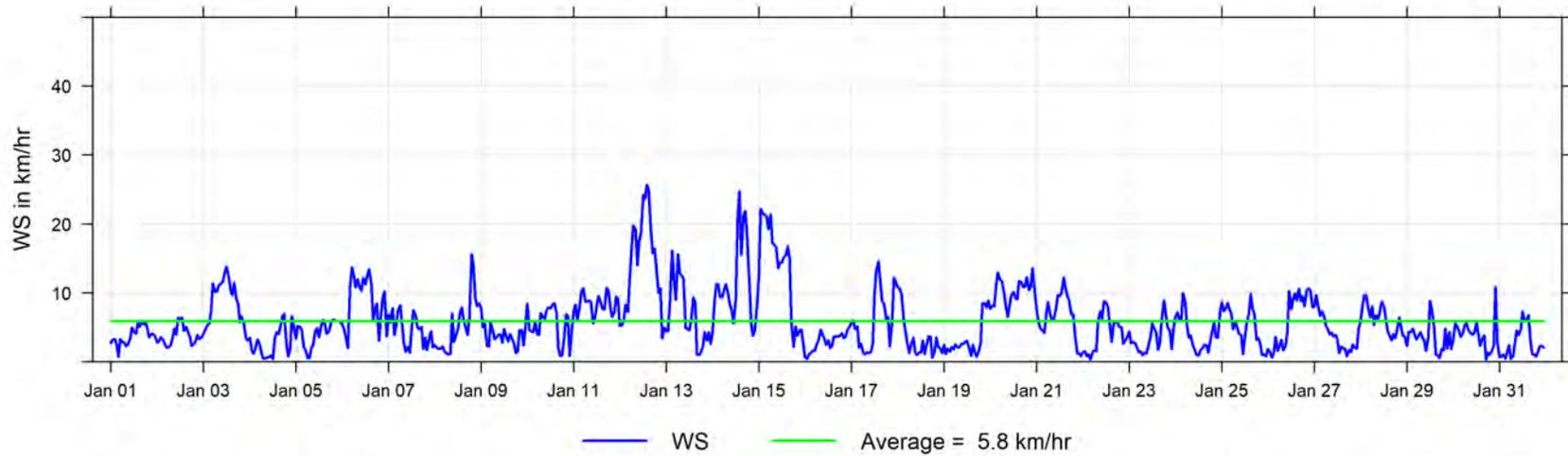
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Fox Creek



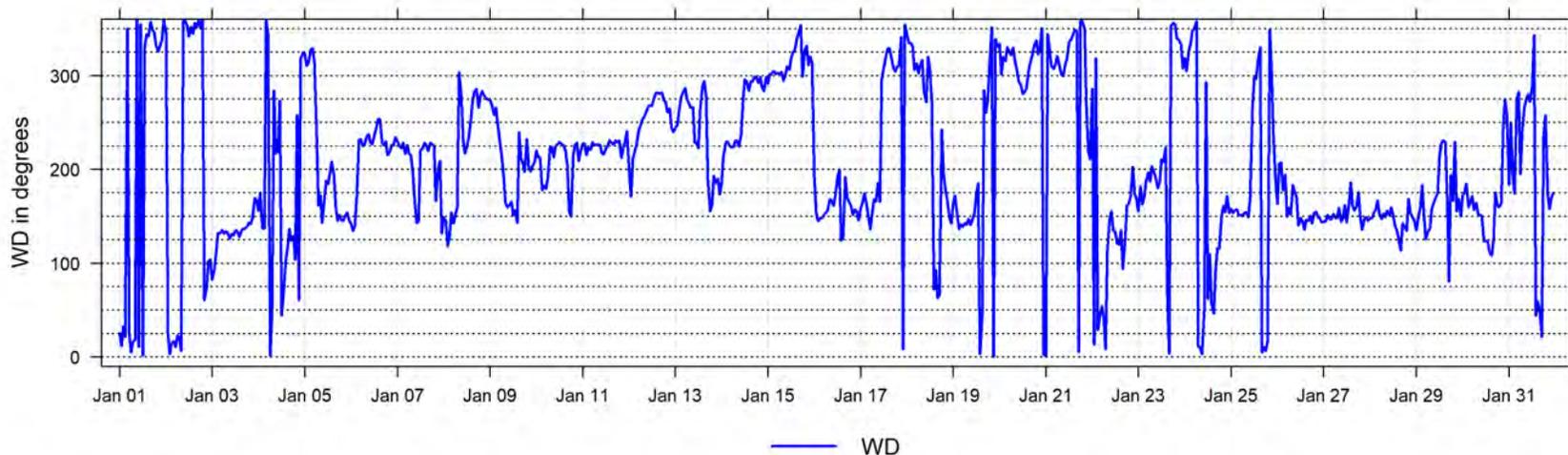
January 2026 Hourly Temperature Readings (in °C) at Fox Creek



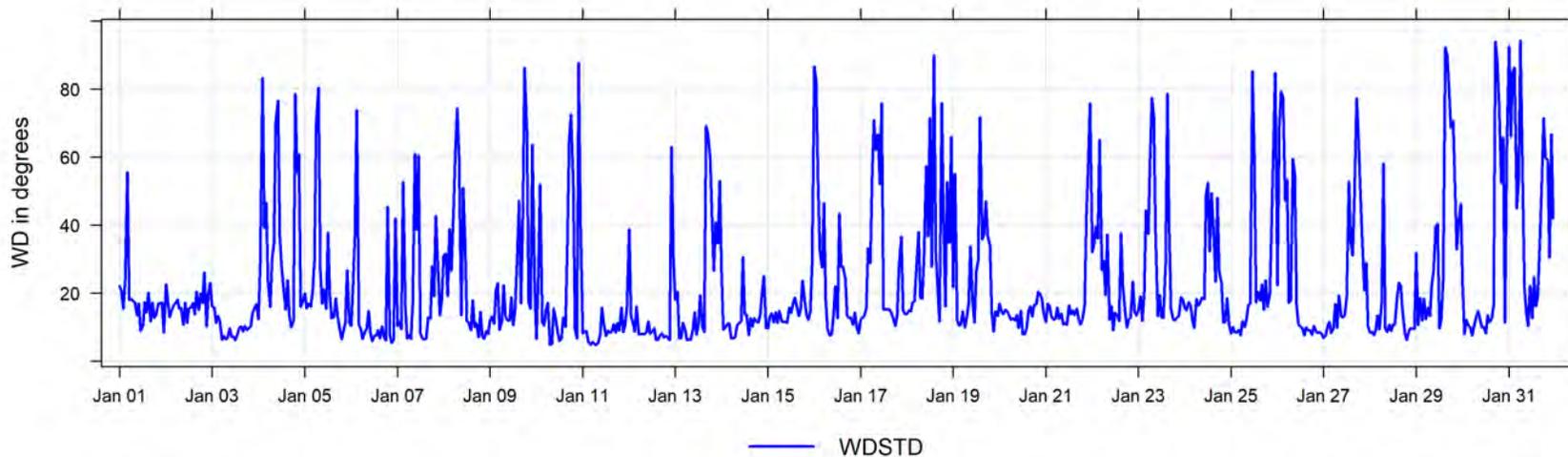
January 2026 Hourly Readings of Wind Speed (in km/hr) at Fox Creek

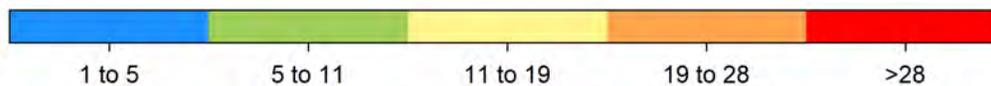
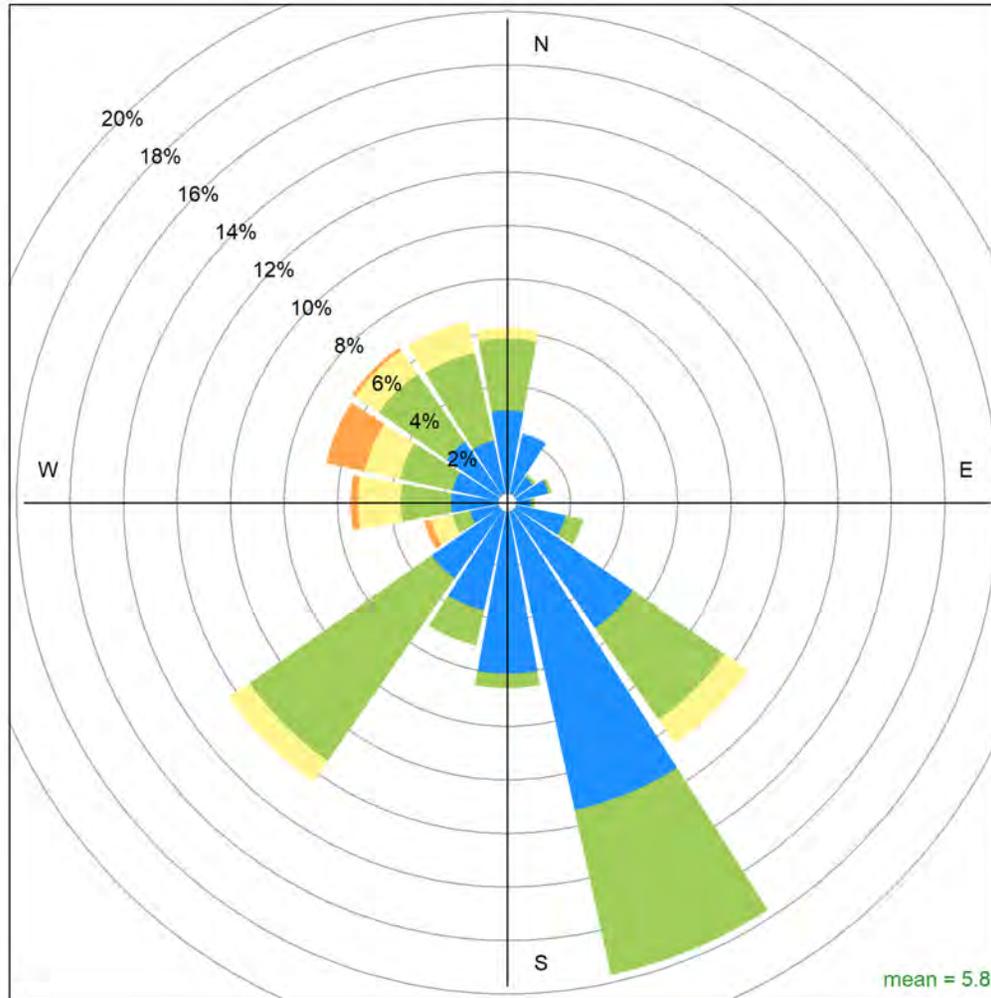


January 2026 Hourly Readings of Wind Direction (in degrees) at Fox Creek



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



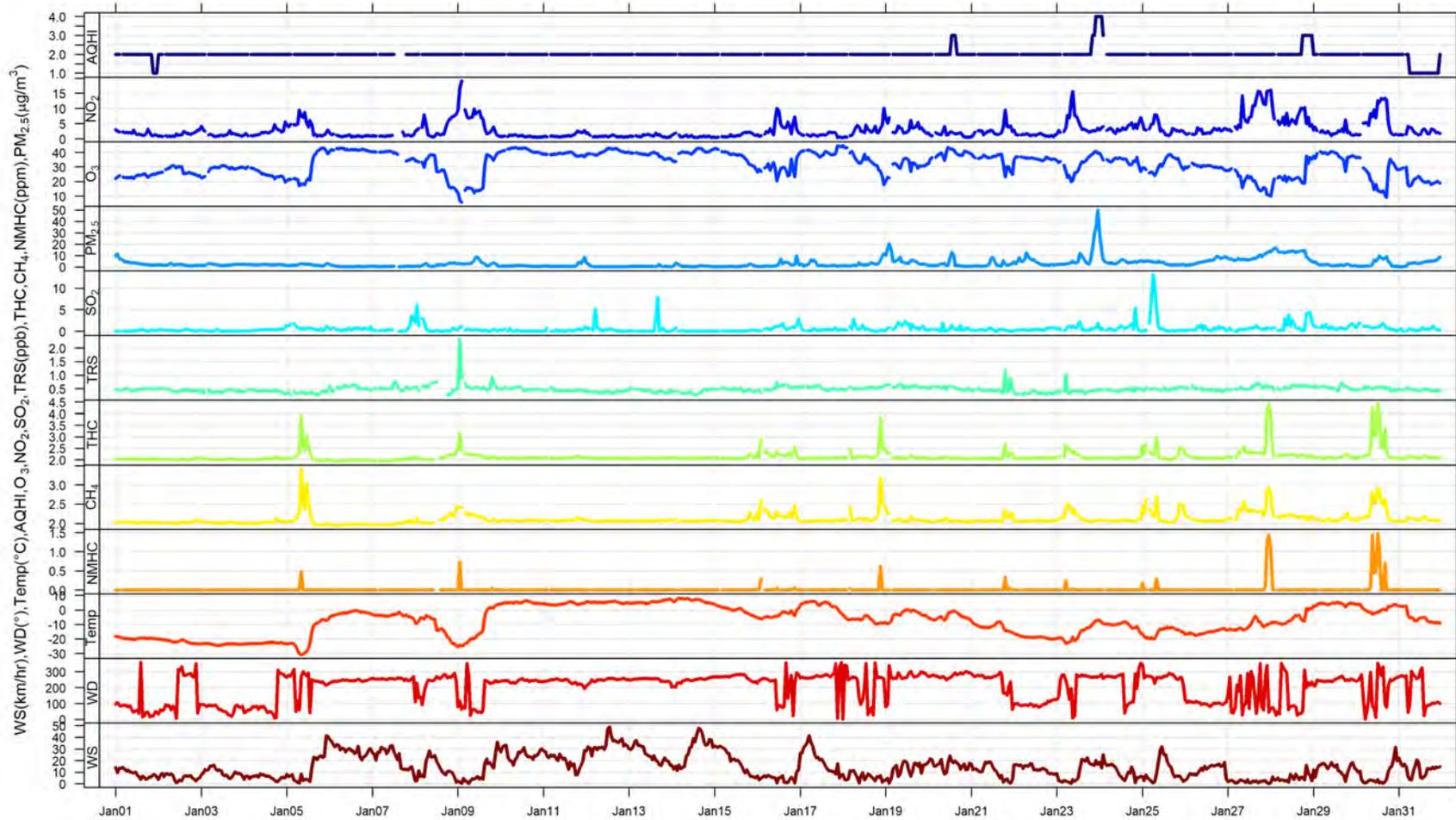


Fox Creek January 2026 Wind Rose, wind speed in km/hr  
**Calms (<1km/hr) = 5.5 %**

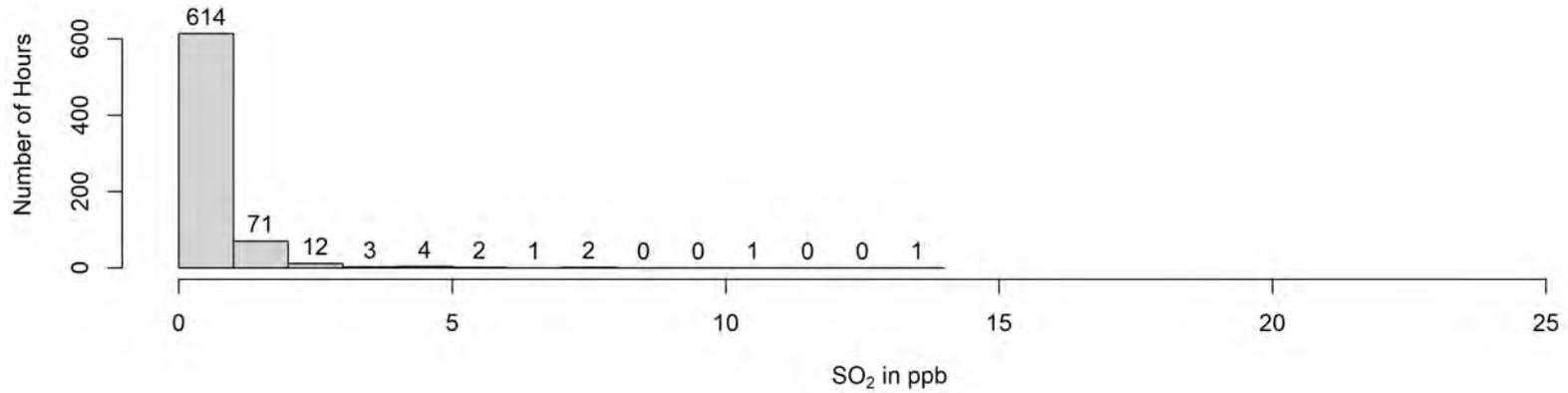
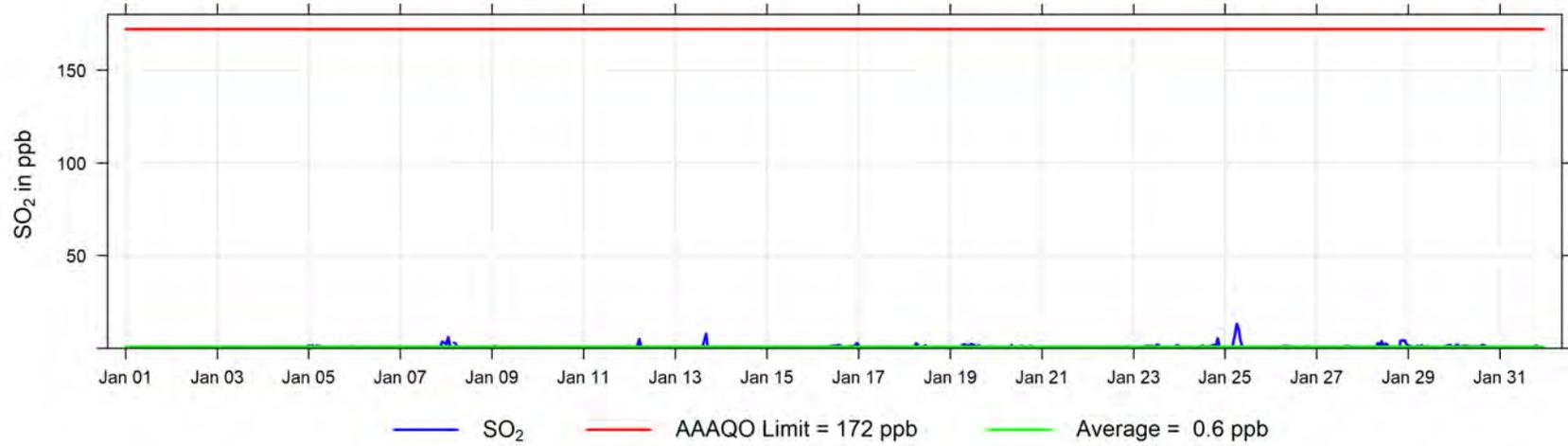
## 8 Happy Valley (Portable) Charts

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

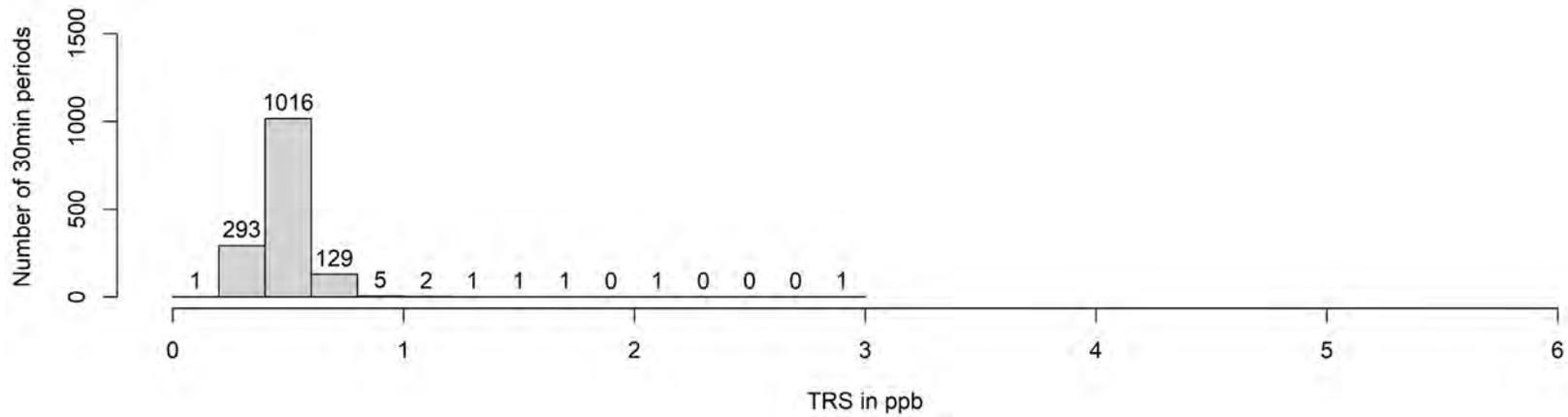
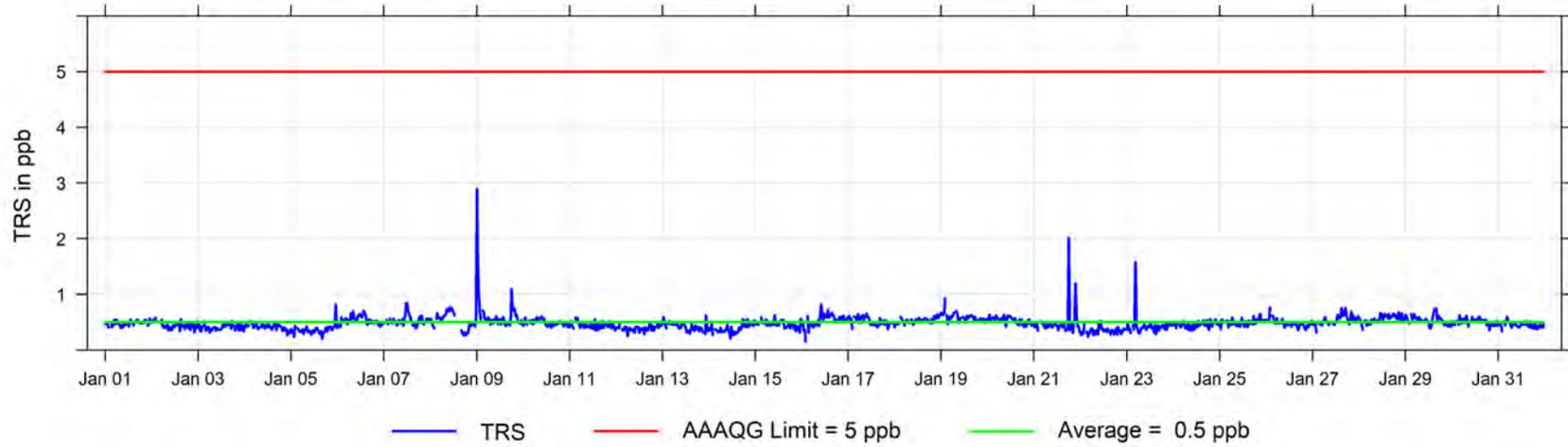
January 2026 Concentration Readings at Happy Valley Station



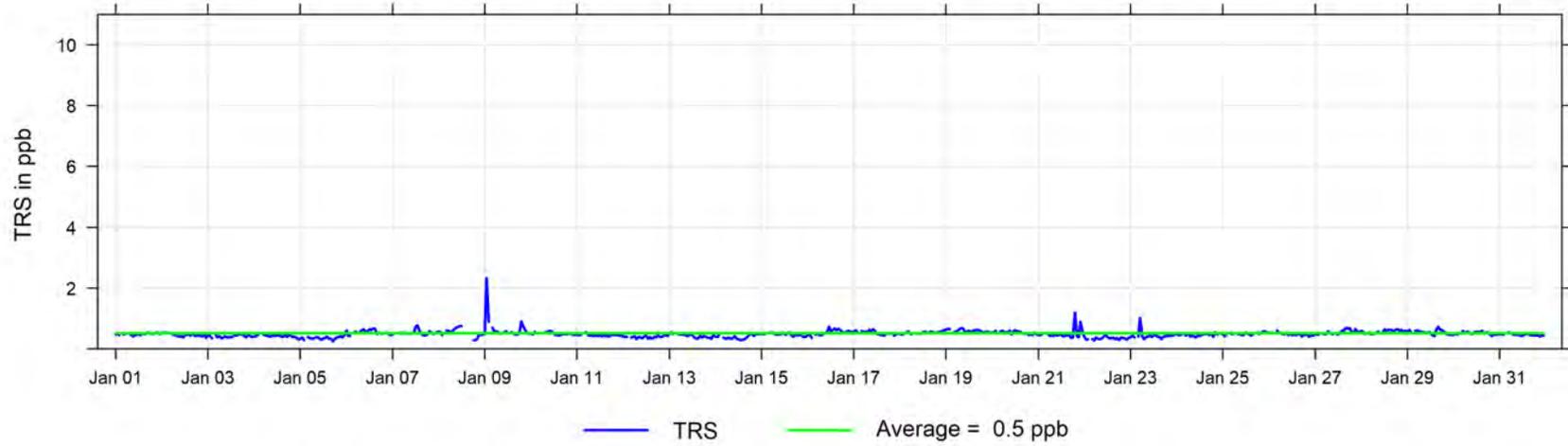
January 2026 Hourly Concentration Readings of SO<sub>2</sub> (in ppb) at Happy Valley



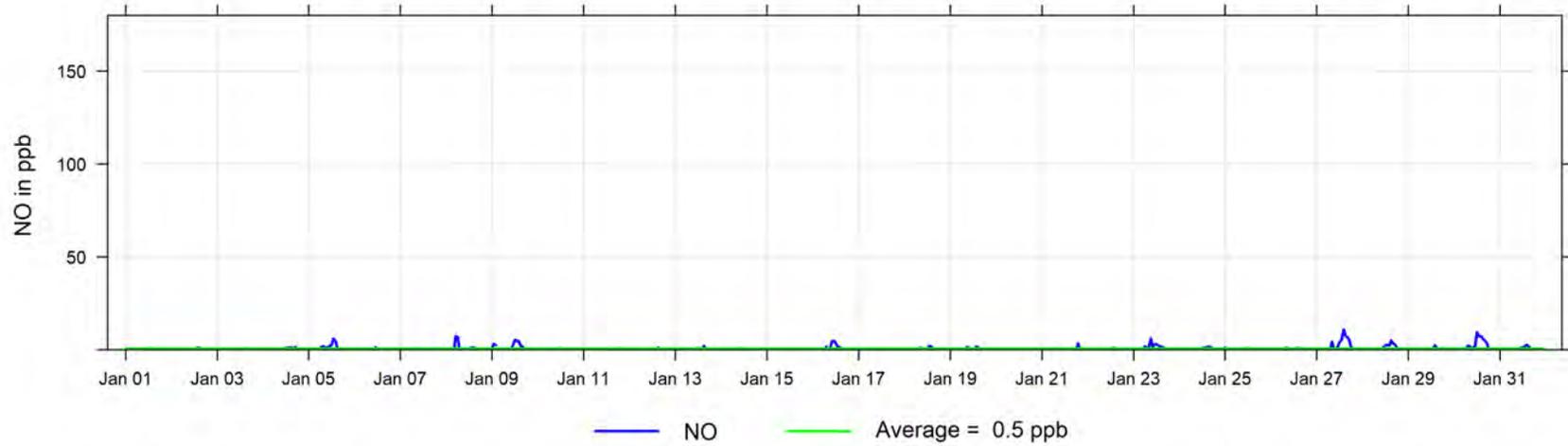
January 2026 30 min Concentration Readings of TRS (in ppb) at Happy Valley



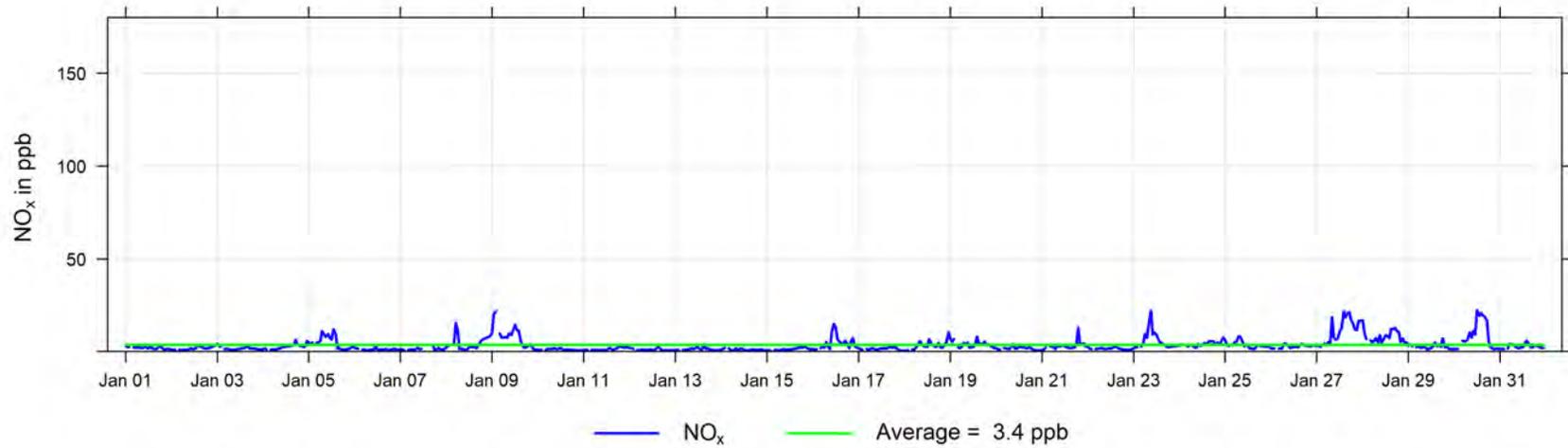
January 2026 Hourly Concentration Readings of TRS (in ppb) at Happy Valley



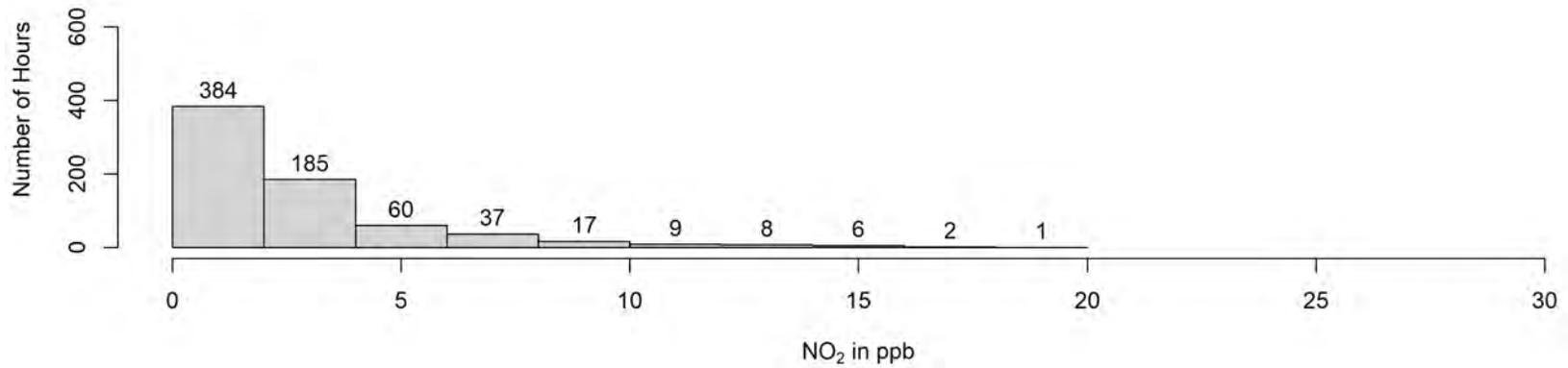
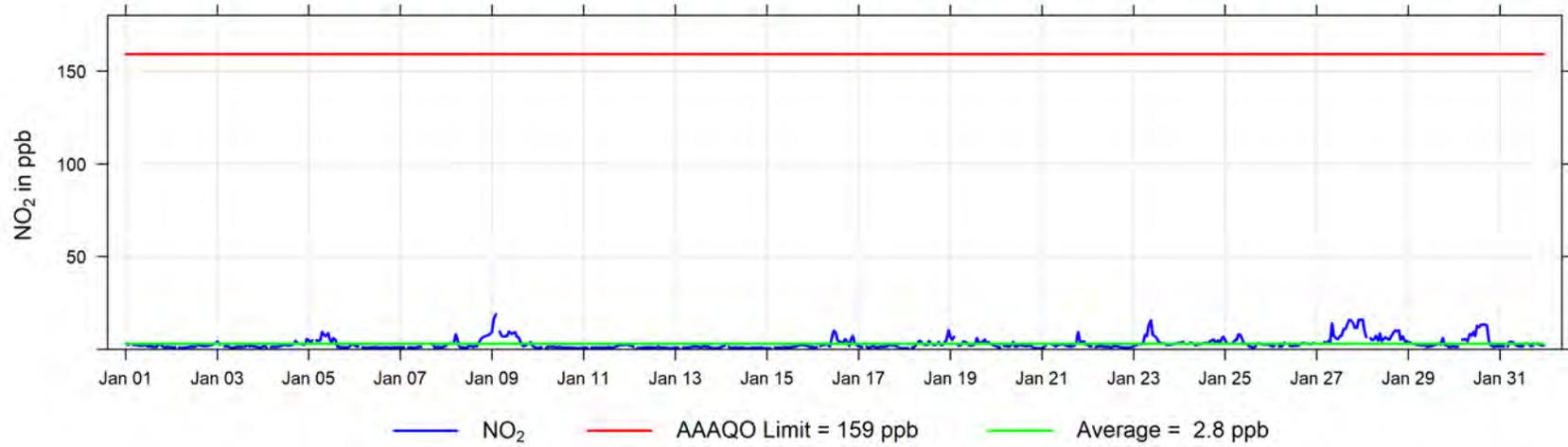
January 2026 Hourly Concentration Readings of NO (in ppb) at Happy Valley



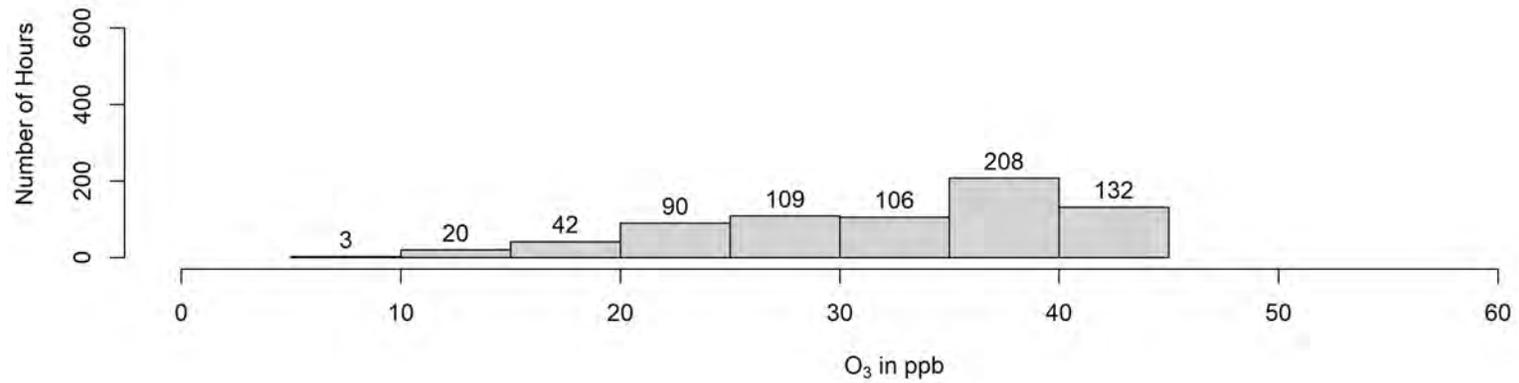
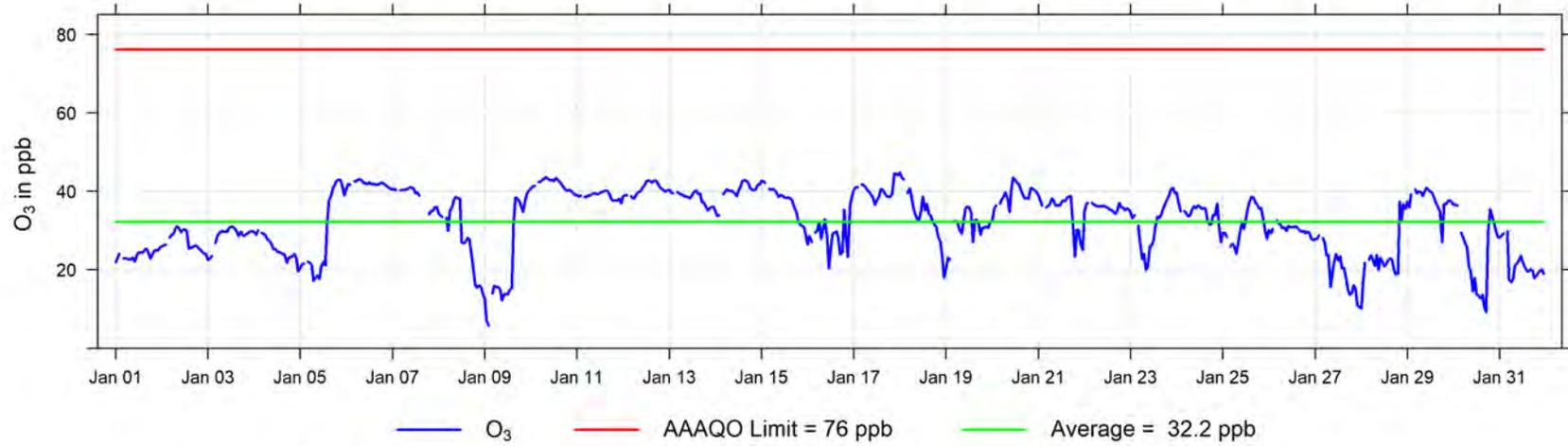
January 2026 Hourly Concentration Readings of NO<sub>x</sub> (in ppb) at Happy Valley



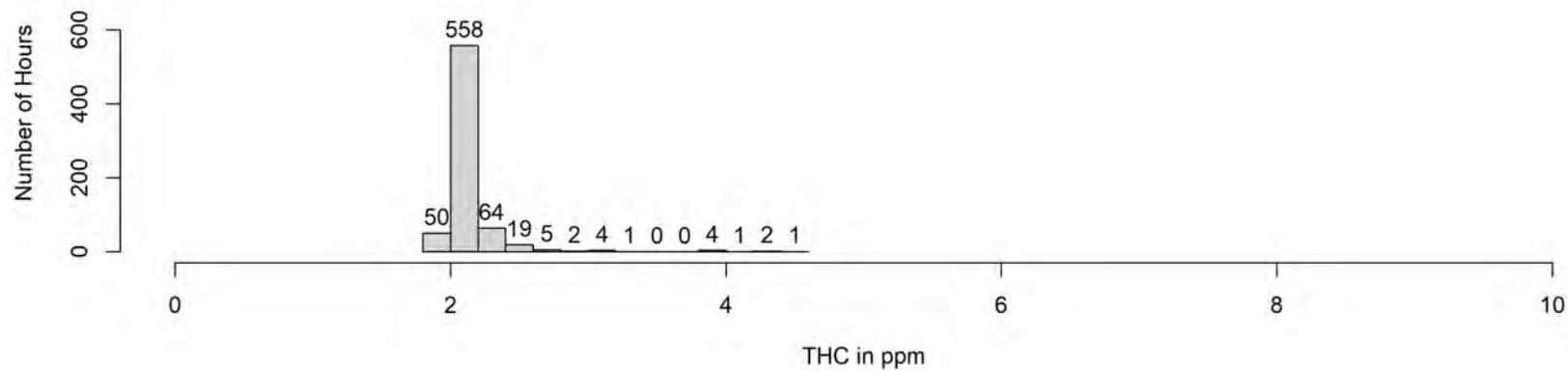
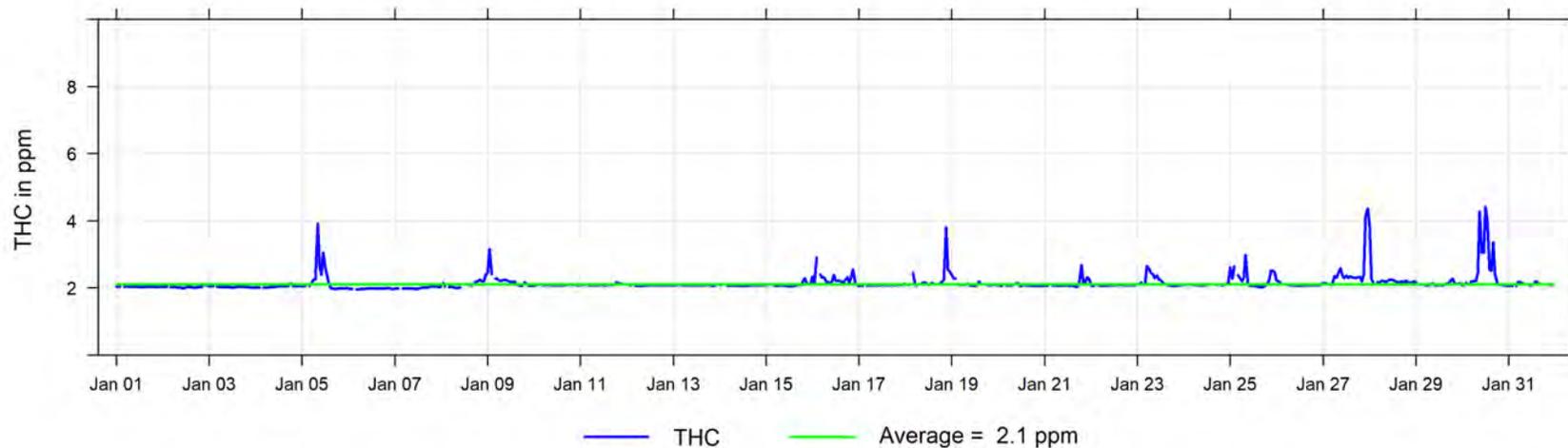
January 2026 Hourly Concentration Readings of NO<sub>2</sub> (in ppb) at Happy Valley



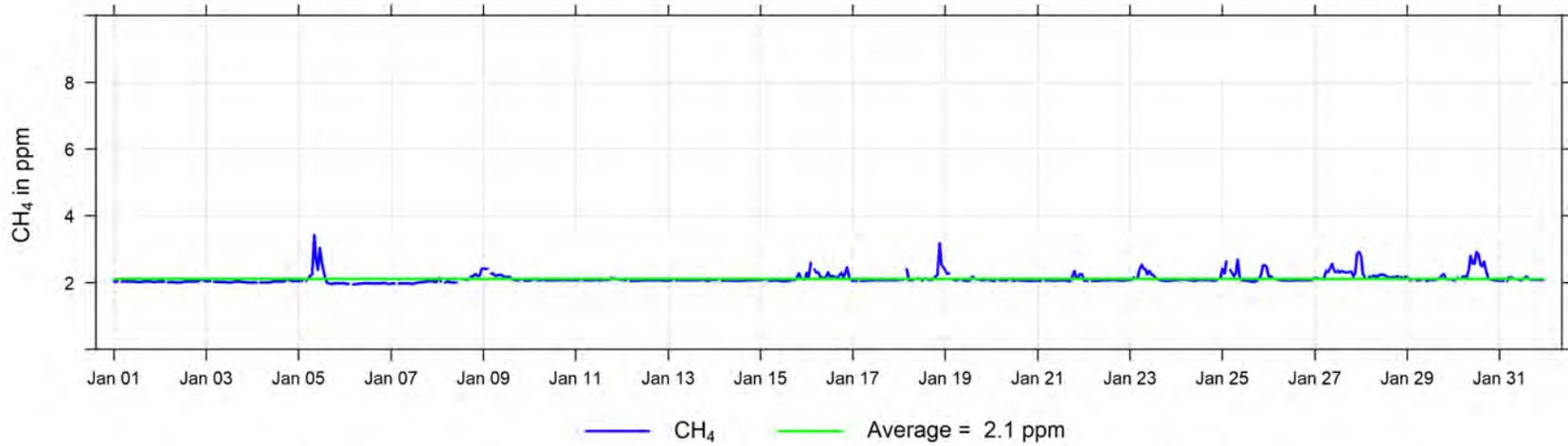
January 2026 Hourly Concentration Readings of O<sub>3</sub> (in ppb) at Happy Valley



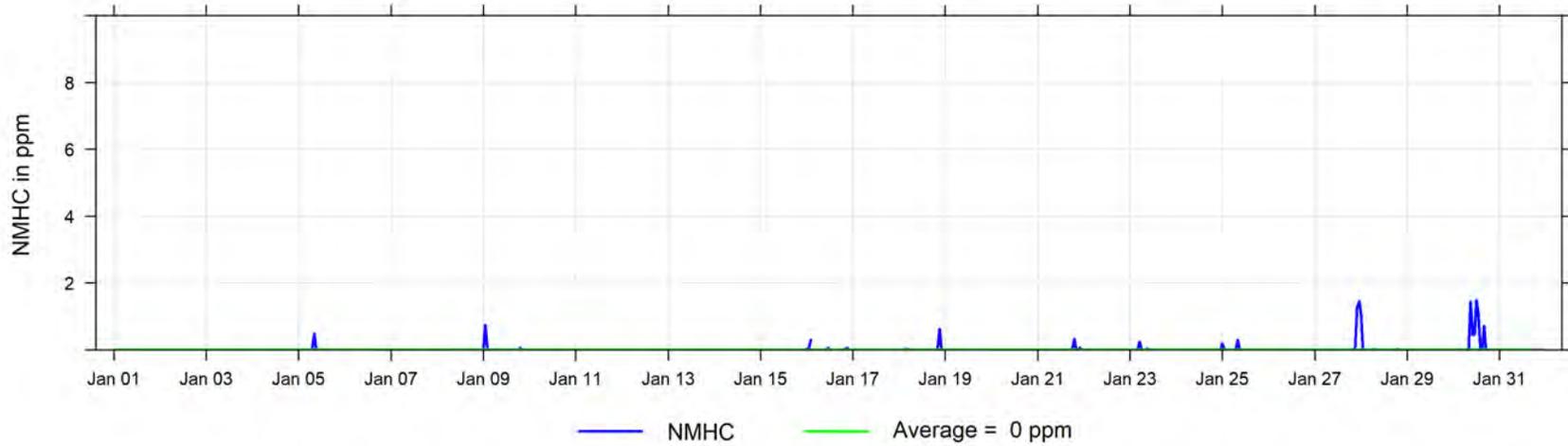
January 2026 Hourly Concentration Readings of THC (in ppm) at Happy Valley



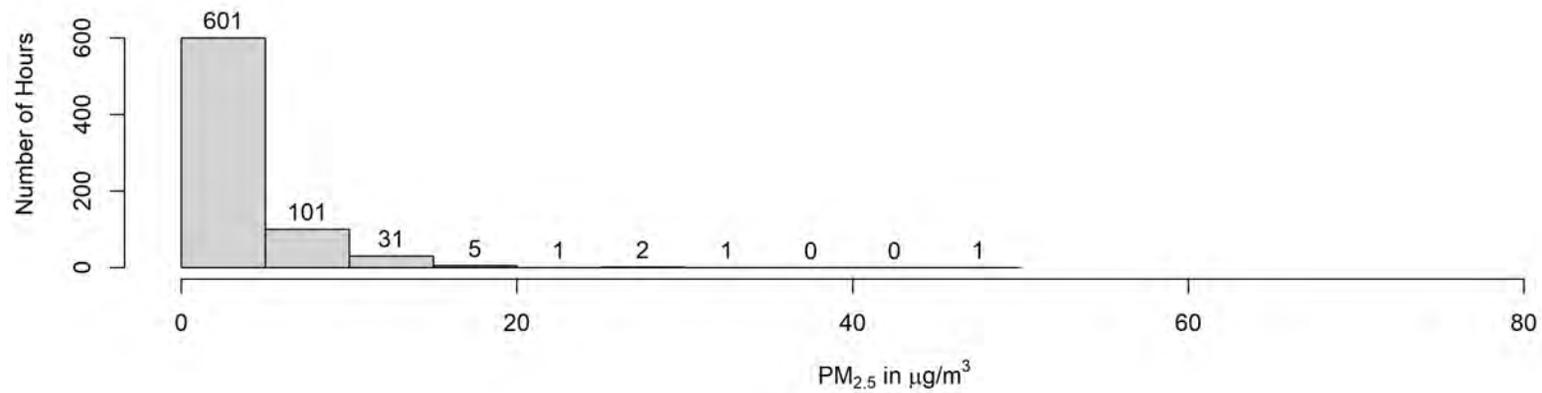
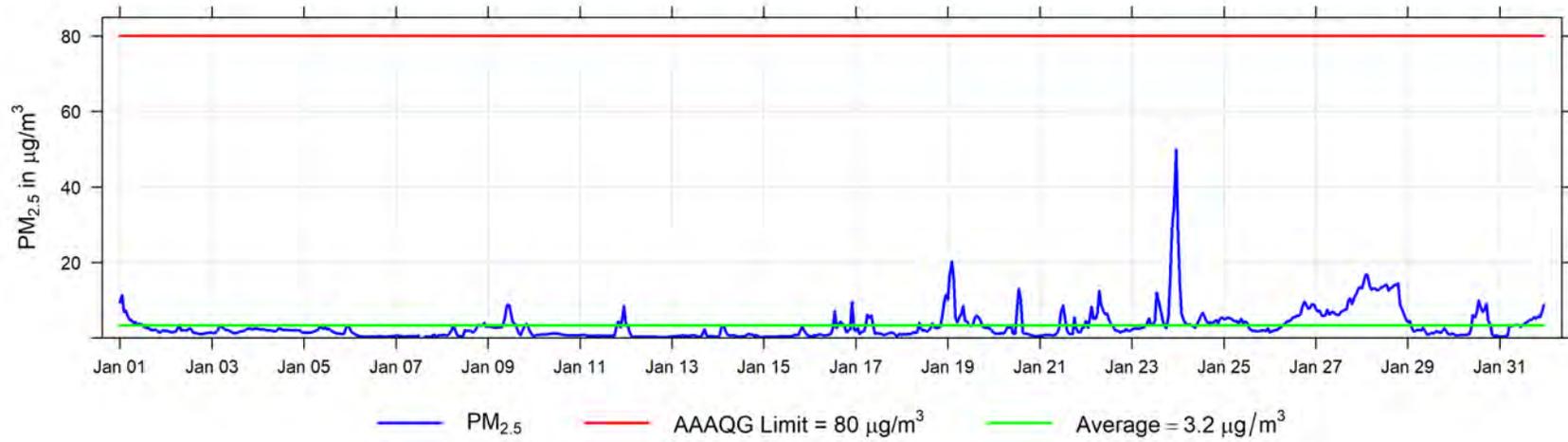
January 2026 Hourly Concentration Readings of CH<sub>4</sub> (in ppm) at Happy Valley



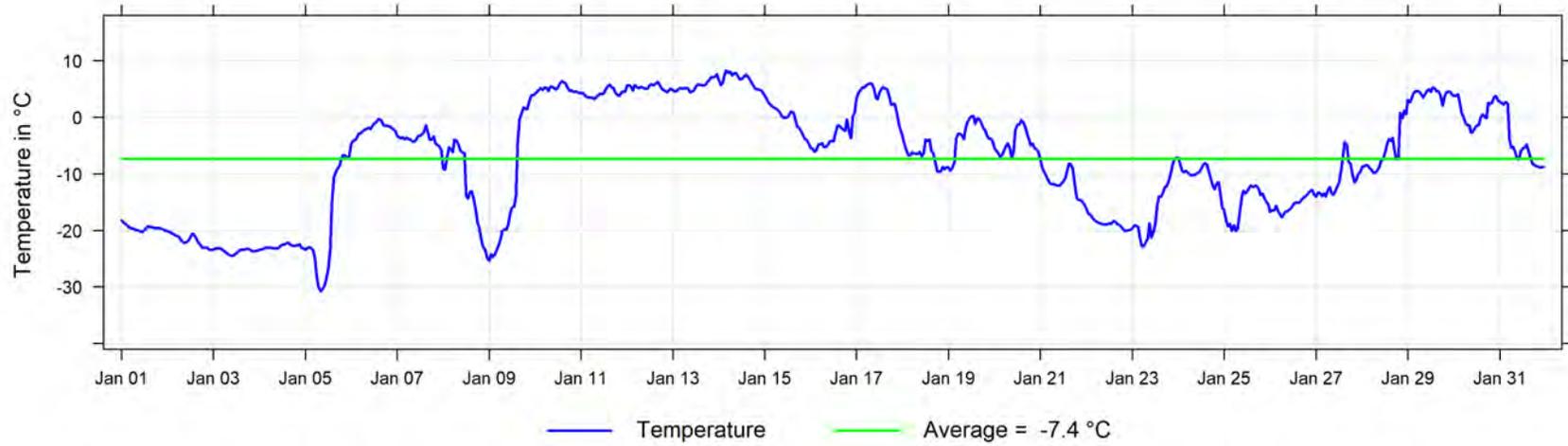
January 2026 Hourly Concentration Readings of NMHC (in ppm) at Happy Valley



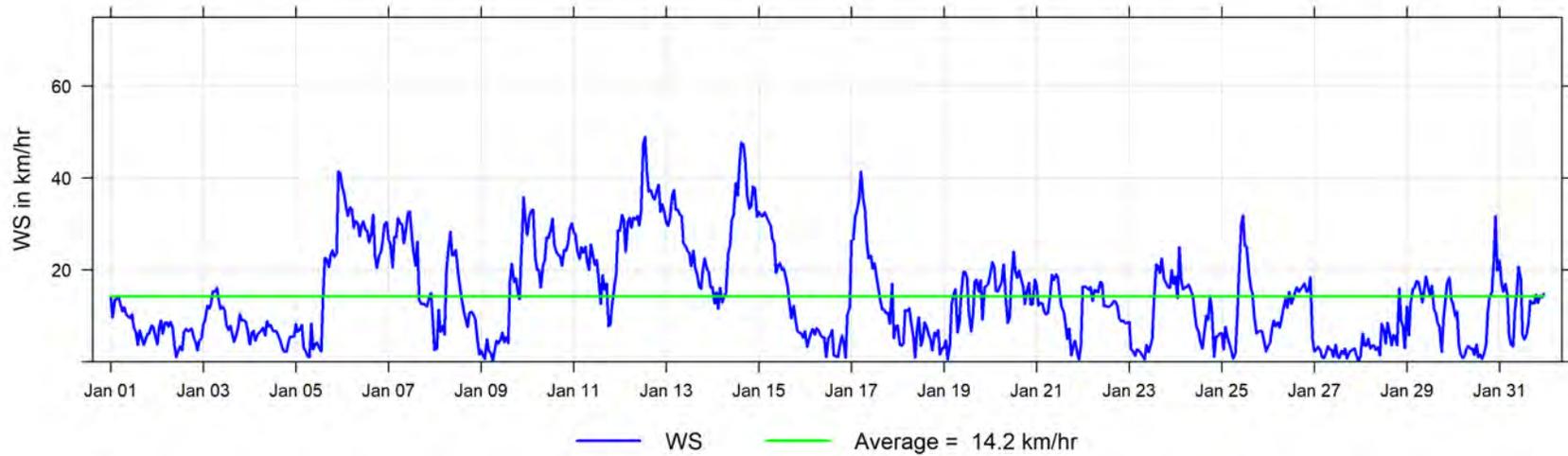
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Happy Valley



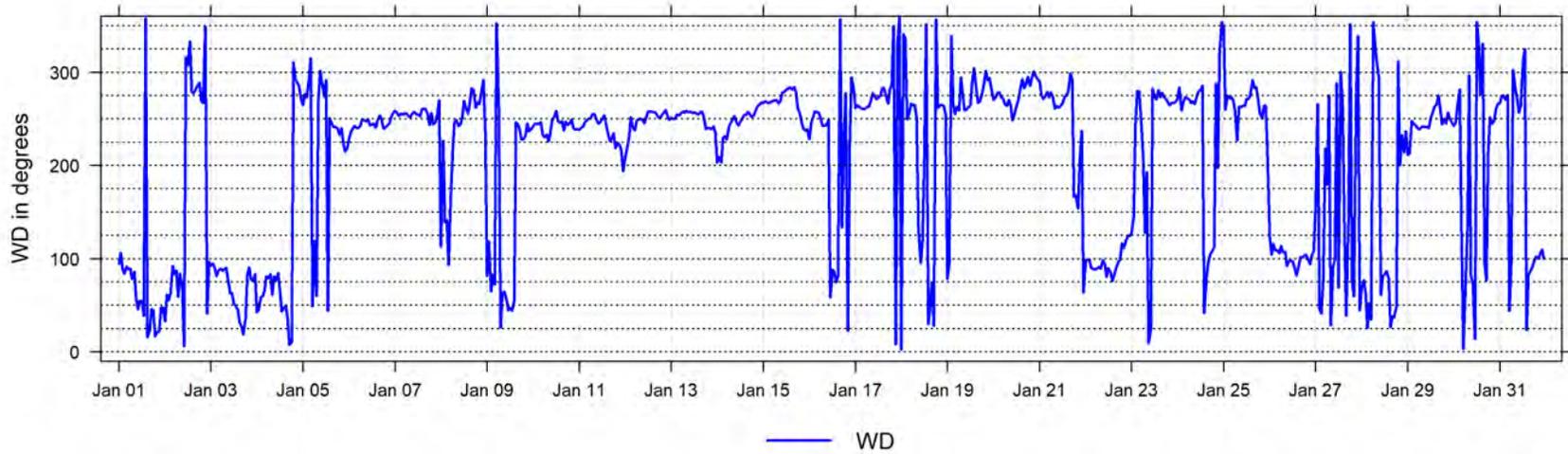
January 2026 Hourly Temperature Readings (in °C) at Happy Valley



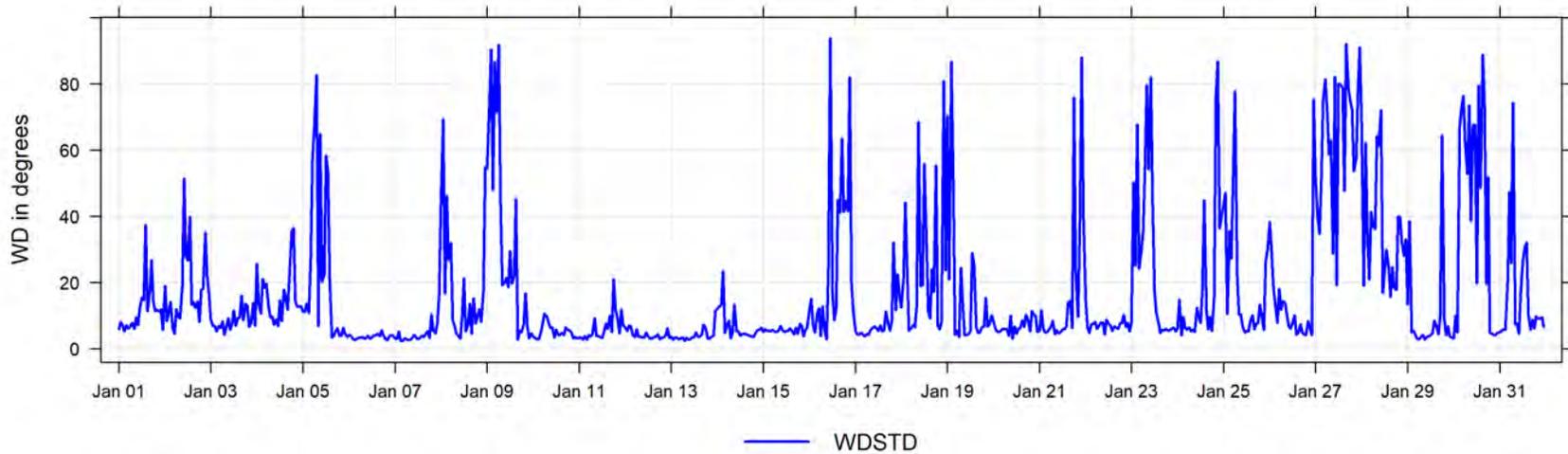
January 2026 Hourly Readings of Wind Speed (in km/hr) at Happy Valley

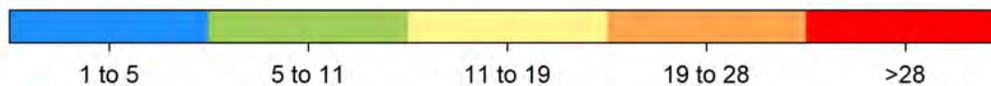
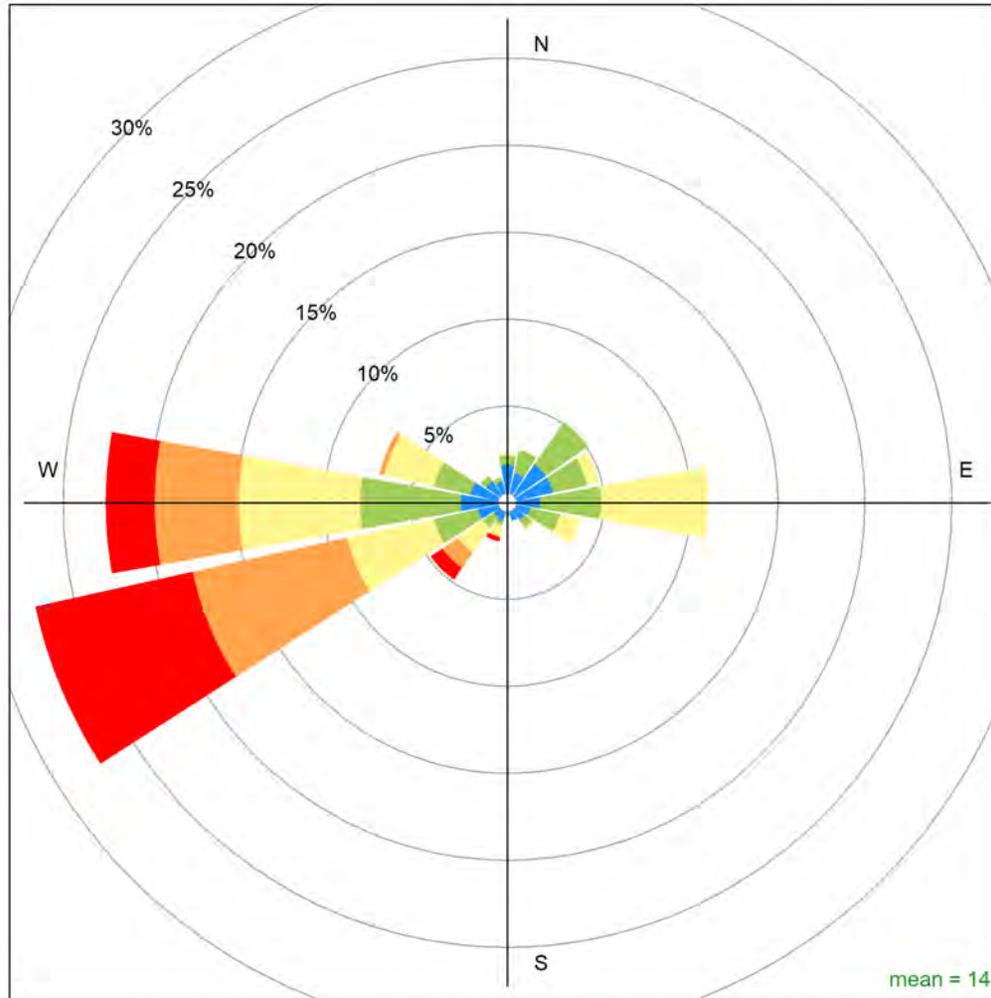


January 2026 Hourly Readings of Wind Direction (in degrees) at Happy Valley



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





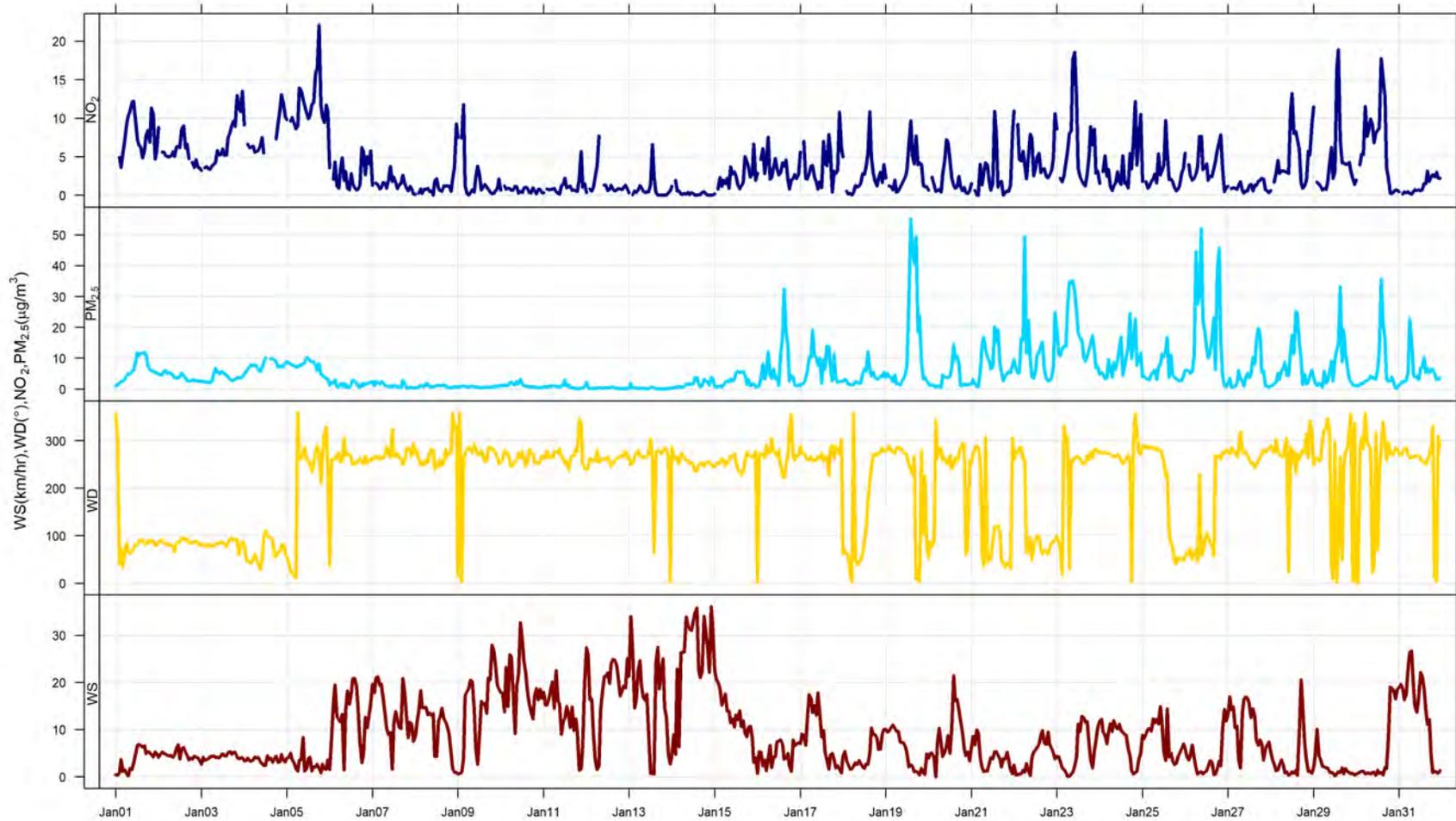
Happy Valley January 2026 Wind Rose, wind speed in km/hr

**Calms (<1km/hr) = 2.7 %**

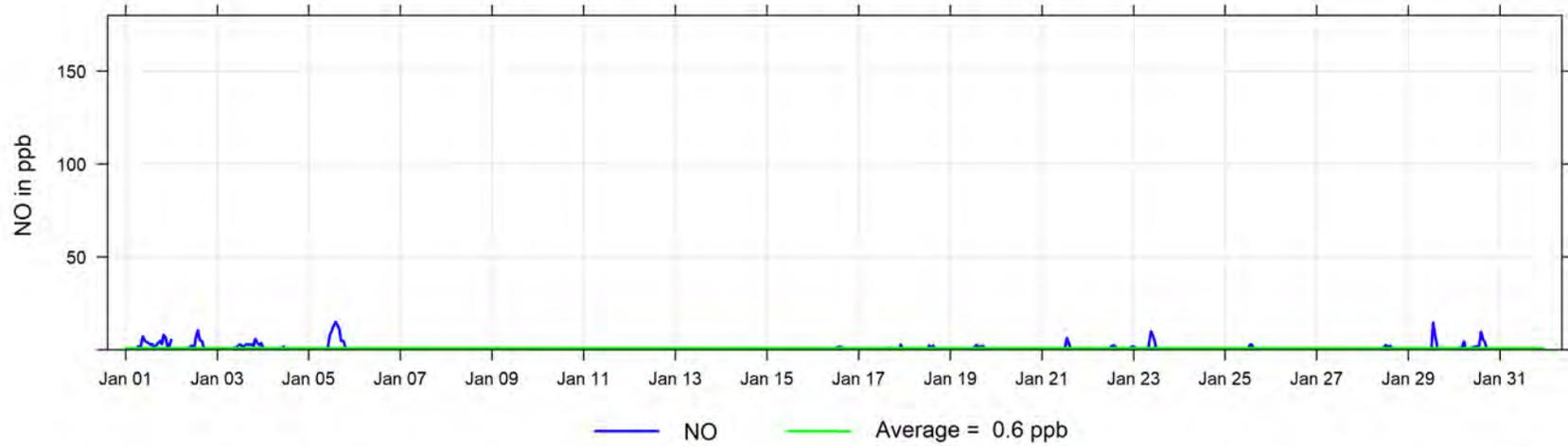
## 9 Milner Charts

The following pages include the charts and histograms for Milner Station

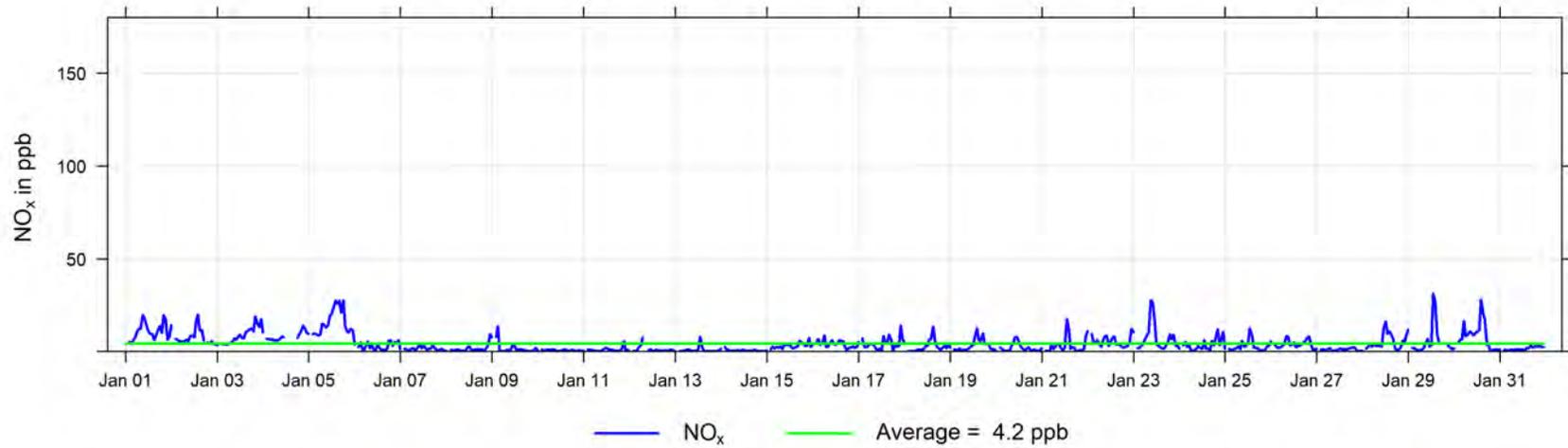
January 2026 Concentration Readings at Milner Station



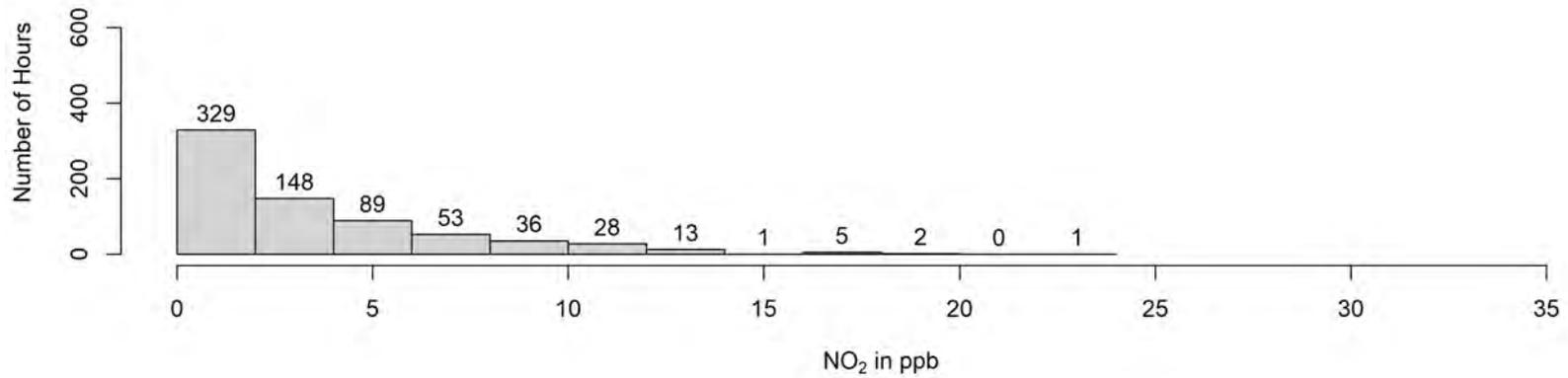
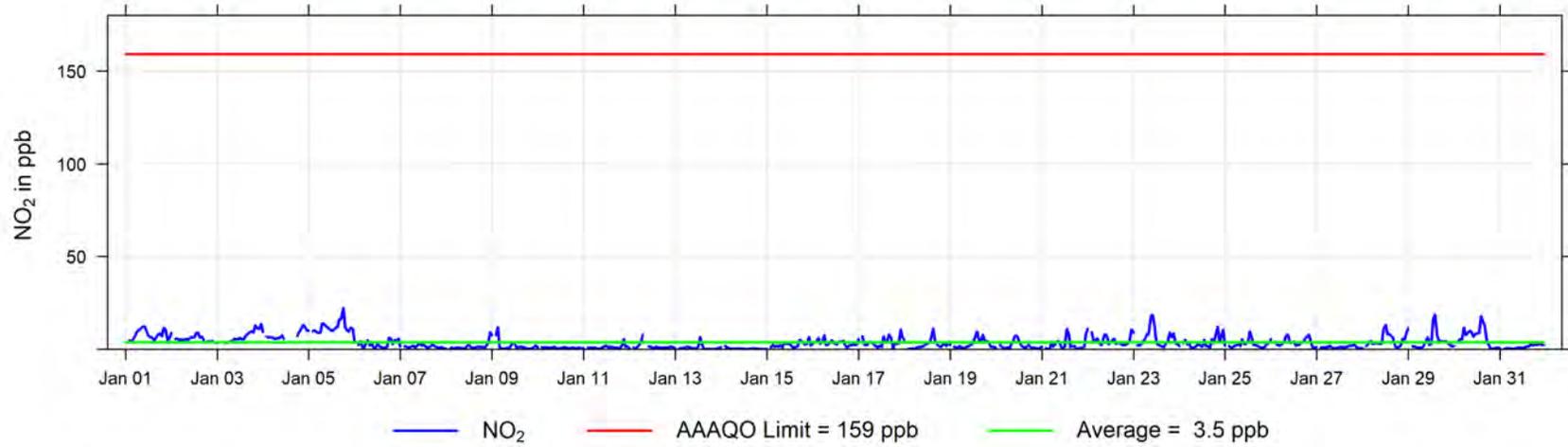
January 2026 Hourly Concentration Readings of NO (in ppb) at Milner



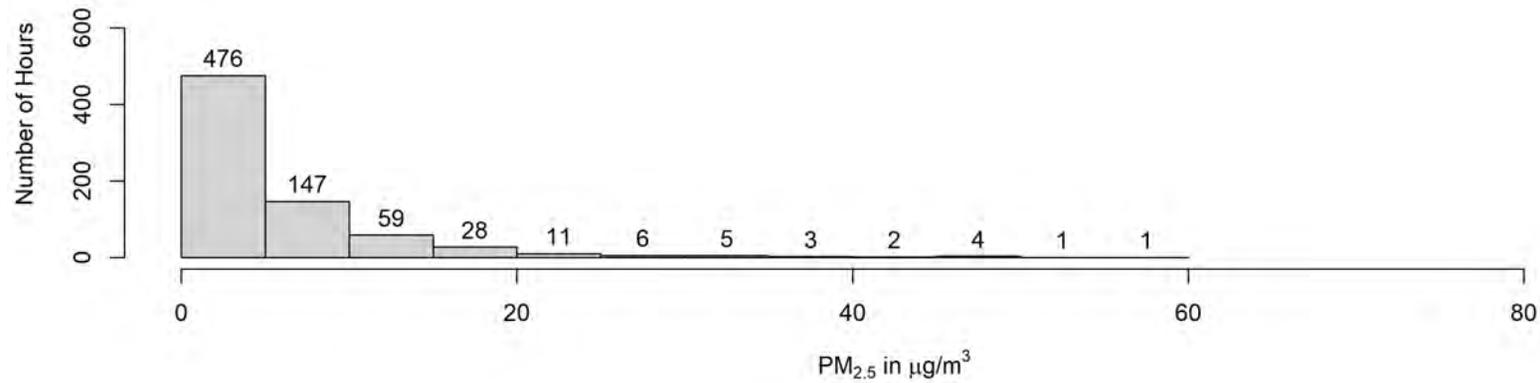
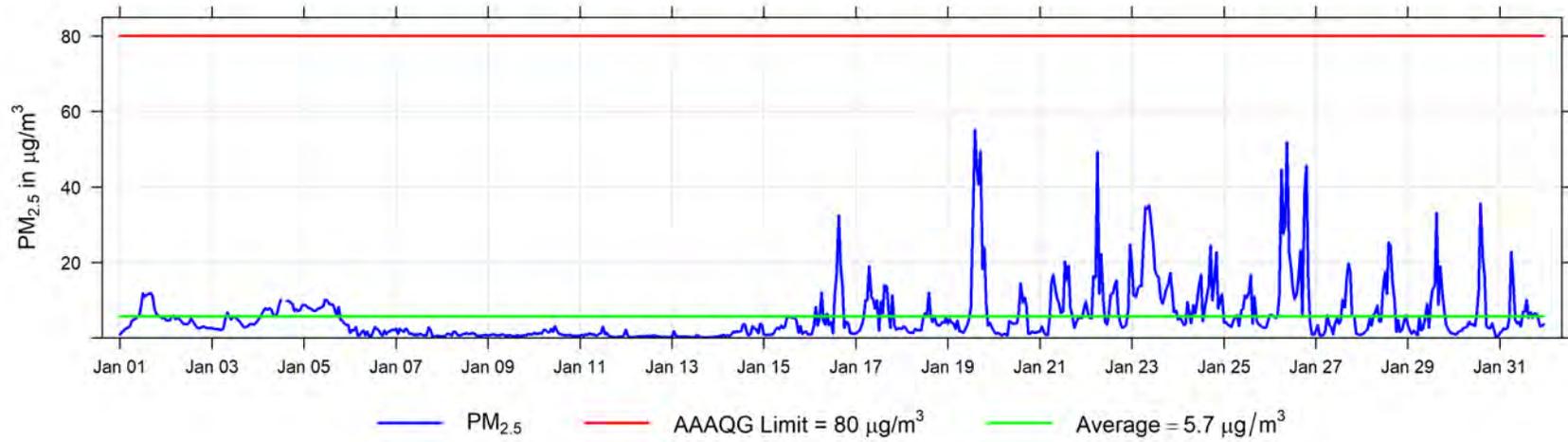
January 2026 Hourly Concentration Readings of NO<sub>x</sub> (in ppb) at Milner



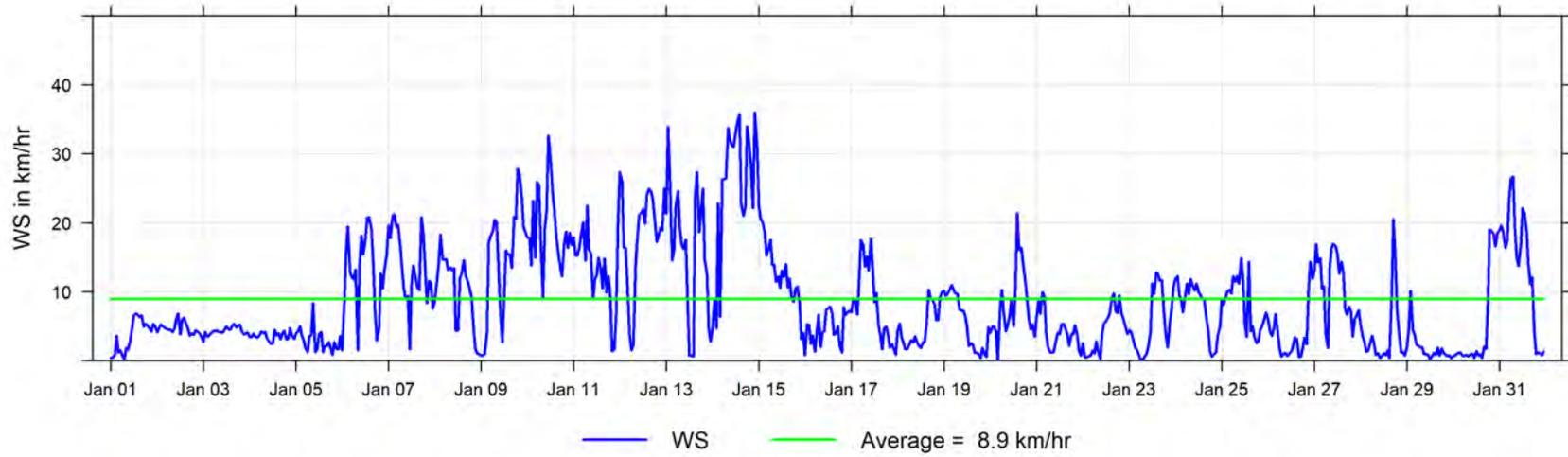
January 2026 Hourly Concentration Readings of NO<sub>2</sub> (in ppb) at Milner



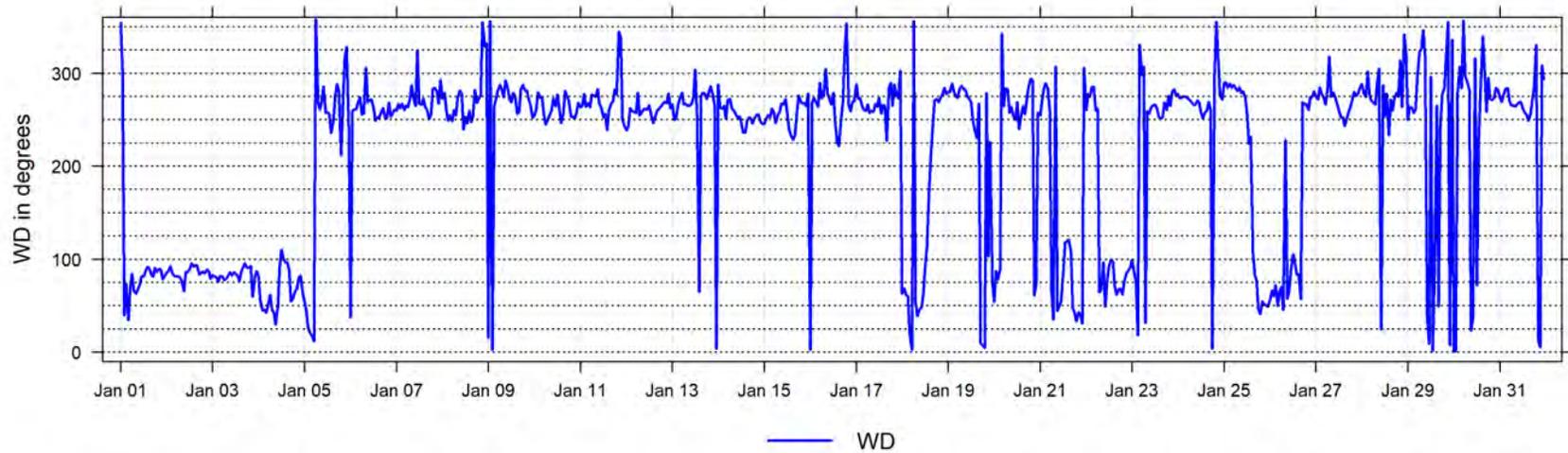
January 2026 Hourly Concentration Readings of PM<sub>2.5</sub> in  $\mu\text{g}/\text{m}^3$  at Milner



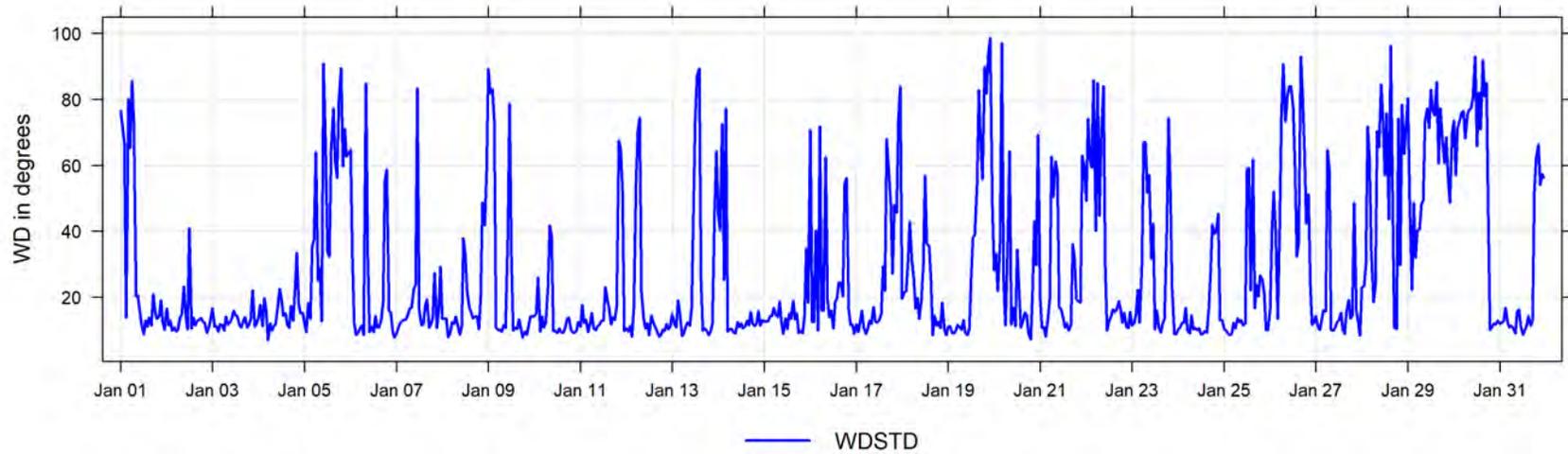
January 2026 Hourly Readings of Wind Speed (in km/hr) at Milner

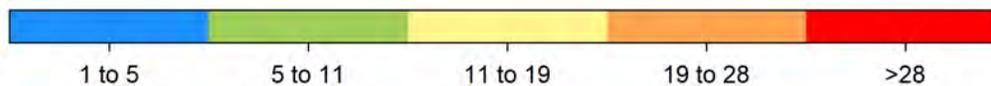
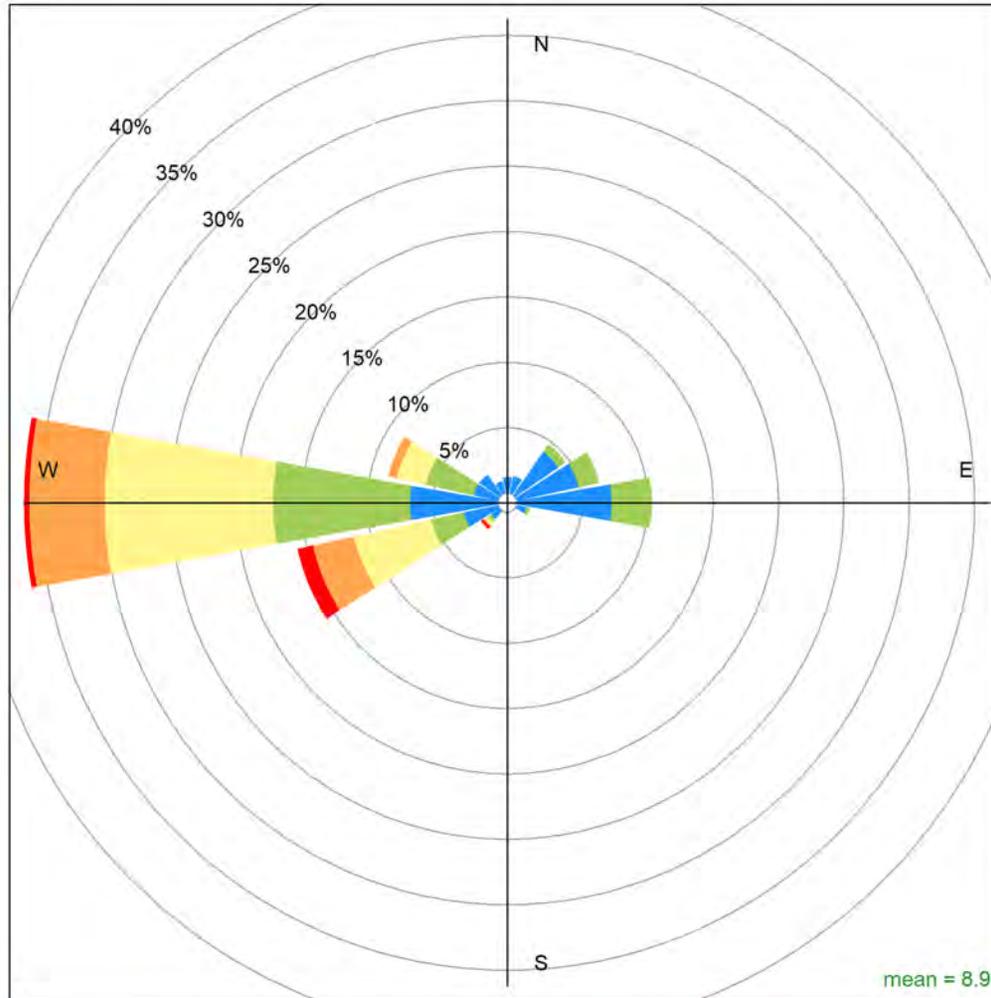


January 2026 Hourly Readings of Wind Direction (in degrees) at Milner



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





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

**Calms (<1km/hr) = 9.5 %**

## 10 Passive Monitoring Data

### Peace Airshed Zone Association - PAZA Passive Stations for January 2026

Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
<b>Duplicates</b>						
2a	Bay Tree		<b>35.8</b>			13-16-078-13 W6M
2b	Bay Tree		<b>39.0</b>			
3a	Forth Creek	<b>0.2</b>				04-13-082-07 W6M
3b	Forth Creek	<b>0.2</b>				
11a	Webber Creek			<b>3.7</b>		09-36-074-09 W6M
11b	Webber Creek			<b>2.7</b>		
17a	Poplar			<b>3.6</b>		13-06-073-08 W6M
17b	Poplar			<b>4.5</b>		
21a	Eaglesham			<b>1.0</b>		16-21-079-25 W5M
21b	Eaglesham			<b>0.8</b>		
27a	Grande Prairie I	<b>0.8</b>				08-15-071-06 W6M
27b	Grande Prairie I	<b>0.8</b>				
39a	Clouston Creek	<b>0.2</b>				12-01-073-22 W5M
39b	Clouston Creek	<b>0.2</b>				
44a	Peavine	<b>0.1</b>				03-05-079-15 W5M
44b	Peavine	<b>0.1</b>				
50a	East Prairie			<b>1.2</b>		11-13-079-08 W6M
50b	East Prairie			<b>0.6</b>		
D4a	Duvernay 4	<b>0.8</b>			<b>Missing</b>	04-33-062-20 W5M
D4b	Duvernay 4	<b>0.7</b>			<b>0.20</b>	
G4a	Girouxville 4				<b>0.25</b>	04-08-077-22 W5M
G4b	Girouxville 4				<b>0.21</b>	
K1a	Kakwa 1			<b>2.4</b>		01-13-063-05 W6M
K1b	Kakwa 1			<b>2.4</b>		
K3a	Kakwa 3	<b>6.1</b>				12-18-063-04 W6M
K3b	Kakwa 3	<b>6.5</b>				
K4a	Kakwa 4				<b>0.15</b>	06-18-063-04 W6M
K4b	Kakwa 4				<b>0.15</b>	
M9Aa	Milner Pipeline			<b>2.3</b>		12-14-058-08 W6M
M9Ab	Milner Pipeline			<b>2.1</b>		
M10a	Milner Powerline	<b>0.1</b>				06-14-058-08 W6M
M10b	Milner Powerline	<b>0.1</b>				
J5Da	Jayar5 Camp			<b>5.4</b>		11-08-062-03 W6M
J5Db	Jayar5 Camp			<b>4.0</b>		
J1Da	Jayar1 Plant	<b>0.2</b>				06-08-062-03 W6M
J1Db	Jayar1 Plant	<b>0.2</b>				
J4Da	Jayar4 7-8 or 8-8 Pad				<b>0.09</b>	10-08-062-03 W6M
J4Db	Jayar4 7-8 or 8-8 Pad				<b>0.11</b>	

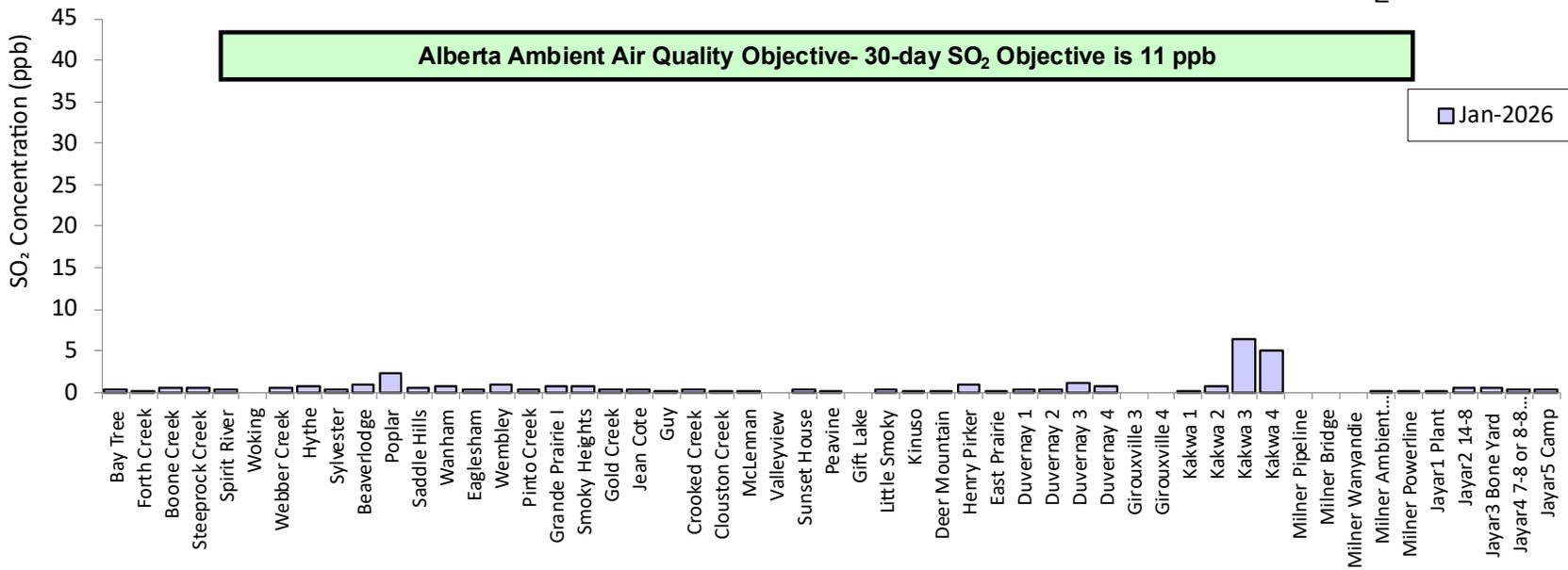
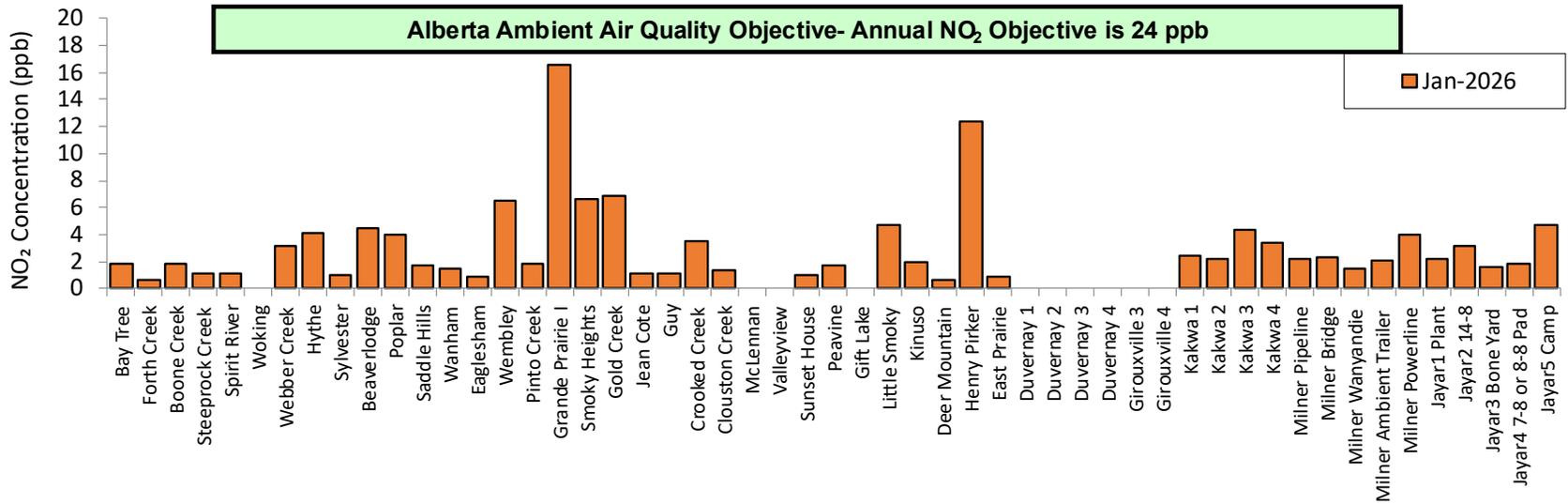
Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
1	Silver Valley	-	-	-	-	08-27-081-11 W6M
2	Bay Tree	0.3	37.4	1.9	-	13-16-078-13 W6M
3	Forth Creek	0.2	-	0.7	-	04-13-082-07 W6M
5	Boone Creek	0.5	-	1.9	-	01-23-076-11 W6M
7	Steeprock Creek	0.5	-	1.1	-	09-35-072-13 W6M
9	Spirit River	0.4	-	1.1	-	08-12-079-07 W6M
10	Woking	-	-	-	-	01-13-076-07 W6M
11	Webber Creek	0.6	-	3.2	-	09-36-074-09 W6M
12	Hythe	0.7	-	4.1	-	14-36-072-11 W6M
14	Sylvester	0.2	-	1.0	-	08-06-069-12 W6M
16	Beaverlodge	0.9	-	4.5	-	15-36-071-10 W6M
17	Poplar	2.3	-	4.0	-	13-06-073-08 W6M
18	Saddle Hills	0.5	-	1.7	-	04-25-074-07 W6M
19	Wanham	0.6	-	1.5	-	16-22-077-03 W6M
21	Eaglesham	0.2	-	0.9	-	16-21-079-25 W5M
24	Wembley	0.9	-	6.5	-	12-31-070-08 W6M
25	Pinto Creek	0.3	-	1.8	-	04-24-069-11 W6M
27	Grande Prairie I	0.8	-	16.5	-	08-15-071-06 W6M
29	Smoky Heights	0.7	-	6.6	-	04-06-075-02 W6M
32	Gold Creek	0.3	-	6.9	-	06-33-067-05 W6M
35	Jean Cote	0.3	-	1.1	-	12-35-079-21 W5M
36	Guy	0.2	-	1.1	0.2	03-04-076-22 W5M
37	Crooked Creek	0.3	41.2	3.5	-	16-01-071-26 W5M
39	Clouston Creek	0.2	-	1.3	-	12-01-073-22 W5M
40	McLennan	0.2	-	-	-	03-29-077-19 W5M
41	Valleyview	-	-	-	-	09-30-069-22 W5M
42	Sunset House	0.3	-	1.0	-	05-32-070-19 W5M
44	Peavine	0.1	-	1.7	-	03-05-079-15 W5M
45	Gift Lake	-	-	-	-	10-07-079-12 W5M
46	Little Smoky	0.2	-	4.7	-	12-01-065-21 W5M
47	Kinuso	0.1	39.5	2.0	-	12-10-073-10 W5M
48	Deer Mountain	0.1	-	0.7	-	15-22-068-09 W5M
49	Henry Pirker	0.8	-	12.4	-	17-26-071-06 W6M
50	East Prairie	0.2	-	0.9	-	11-13-079-08 W6M
D1	Duvernay 1	0.3	-	-	0.14	04-33-062-20 W5M
D2	Duvernay 2	0.3	-	-	0.15	04-33-062-20 W5M
D3	Duvernay 3	1.0	-	-	0.23	04-33-062-20 W5M
D4	Duvernay 4	0.8	-	-	0.20	04-33-062-20 W5M
G3	Girouxville 3	-	-	-	0.43	14-02-077-23 W5M
G4	Girouxville 4	-	-	-	0.23	04-08-077-22 W5M
K1	Kakwa 1	0.2	-	2.4	0.09	01-13-063-05 W6M
K2	Kakwa 2	0.7	-	2.2	0.12	08-13-063-05 W6M
K3	Kakwa 3	6.3	-	4.4	0.16	12-18-063-04 W6M
K4	Kakwa 4	5.0	-	3.4	0.15	06-18-063-04 W6M
M1	Milner Pipeline	<0.1	-	2.2	-	12-14-058-08 W6M
M2	Milner Bridge	<0.1	-	2.3	-	08-06-057-08 W6M
M3	Milner Wanyandie	<0.1	-	1.5	-	11-13-058-08 W6M
M4	Milner Ambient Trailer	0.1	-	2.1	-	09-15-058-08 W6M
M5	Milner Powerline	0.1	-	4.0	-	06-14-058-08 W6M
J1	Jayar1 Plant	0.2	-	2.2	0.14	06-08-062-03 W6M
J2	Jayar2 14-8	0.5	-	3.2	0.23	07-08-062-03 W6M
J3	Jayar3 Bone Yard	0.6	-	1.6	0.14	14-08-062-03 W6M
J4	Jayar4 7-8 or 8-8 Pad	0.4	-	1.9	0.10	10-08-062-03 W6M
J5	Jayar5 Camp	0.4	-	4.7	0.52	11-08-062-03 W6M

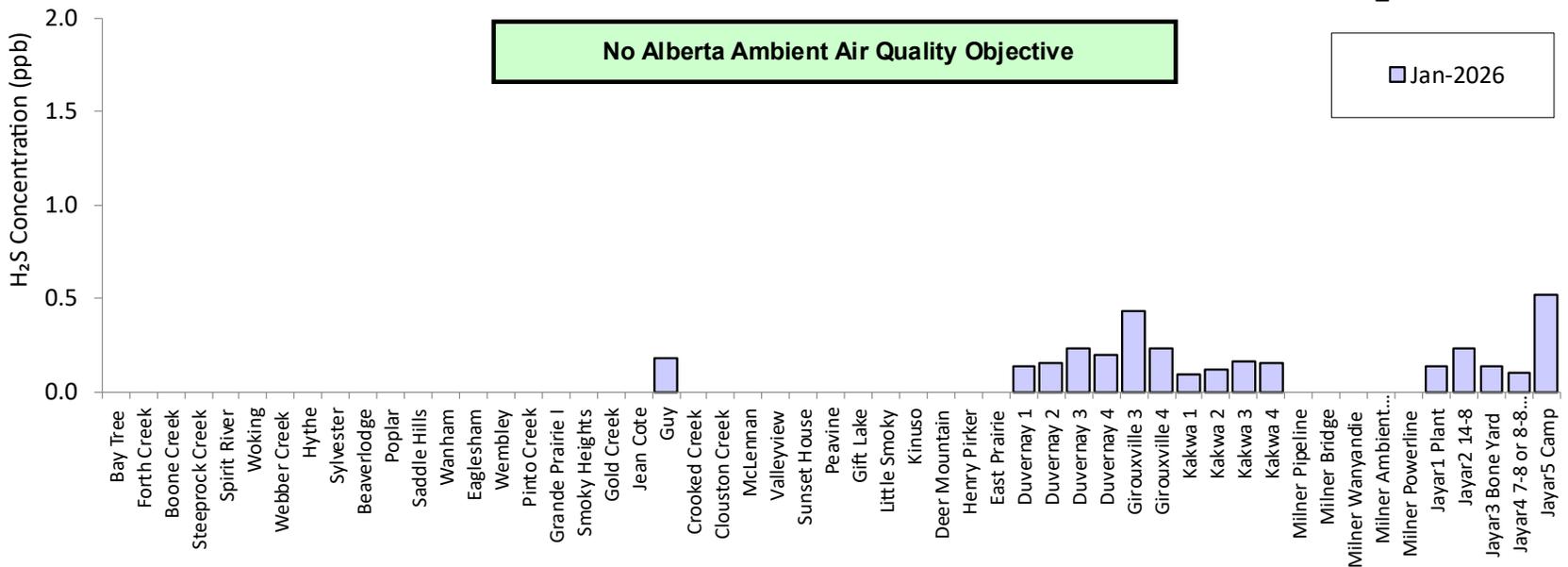
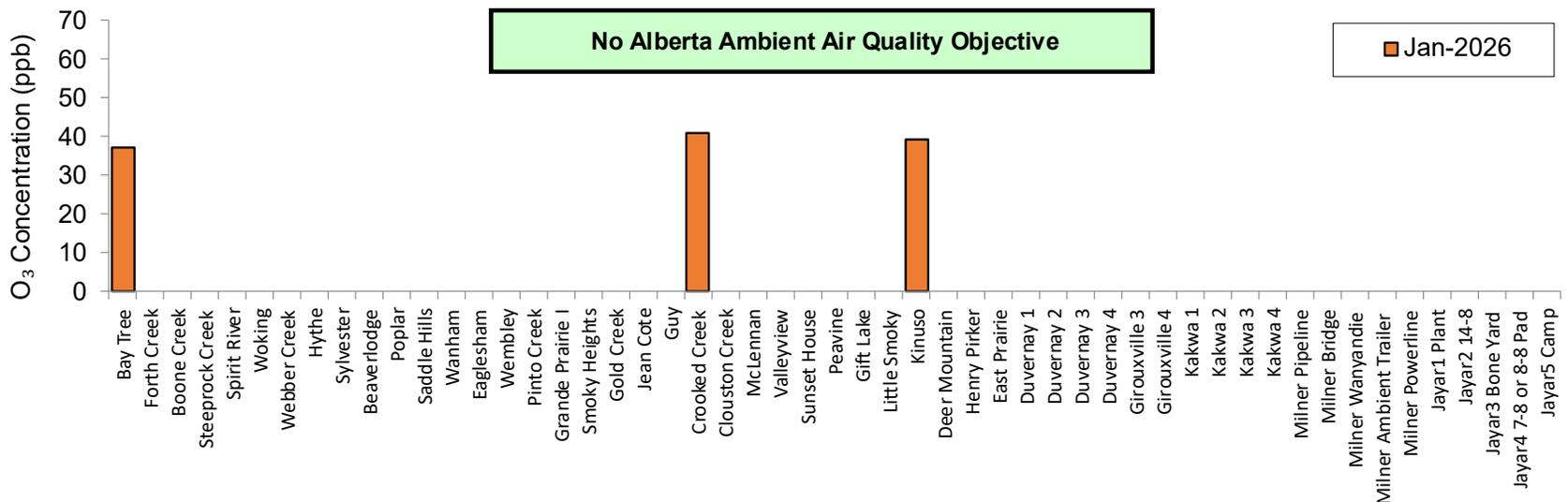
### Passive Summary for January 2026

Stats	Sulphur Dioxide SO <sub>2</sub> ppb	Ozone O <sub>3</sub> ppb	Nitrogen Dioxide NO <sub>2</sub> ppb	Hydrogen Sulphide H <sub>2</sub> S ppb
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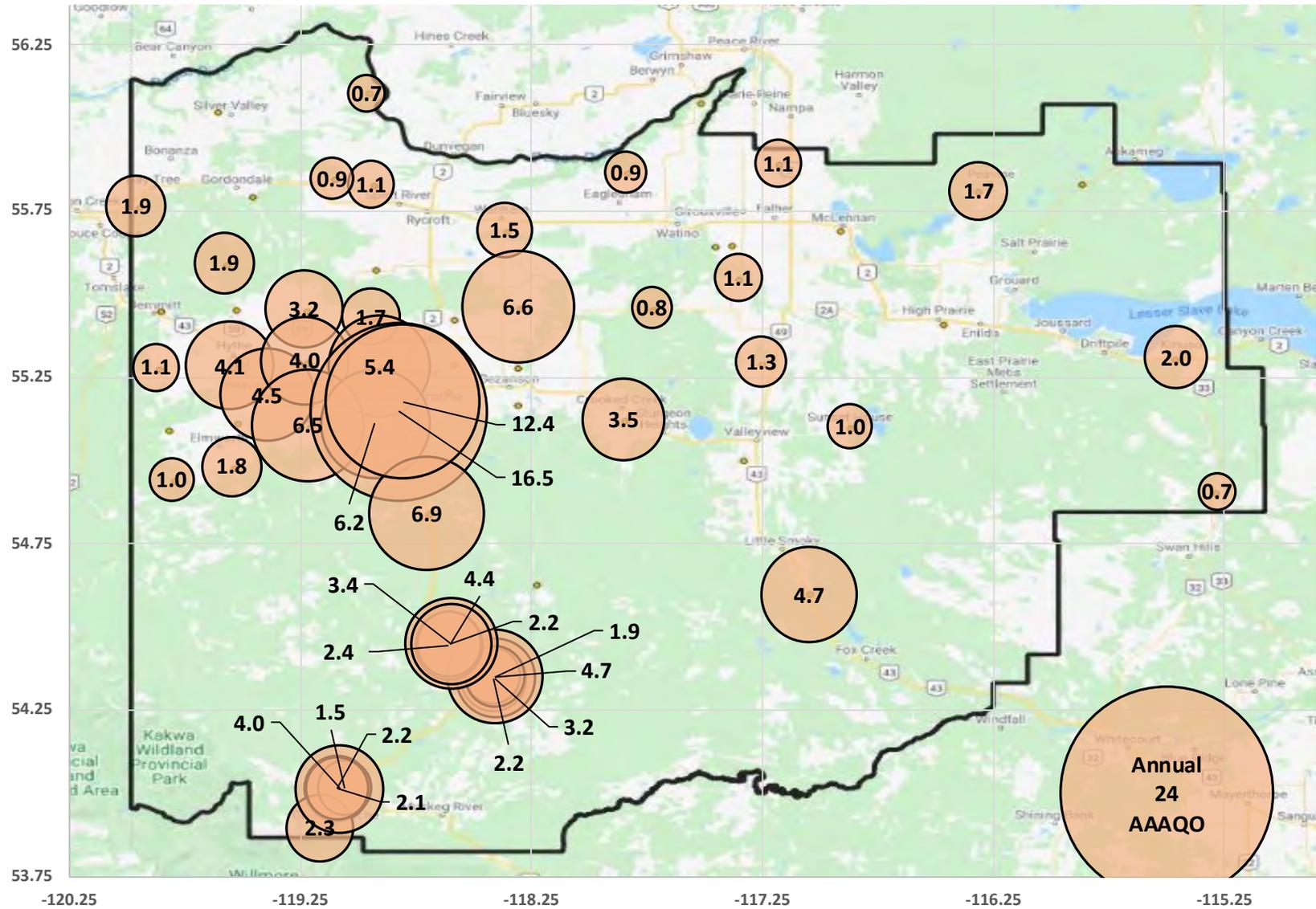
Passive Summary for January 2026 (PAZA)				
<b>Mean</b>	0.7	39.3	3.2	0.2
<b>Standard Deviation</b>	1.1	1.9	3.0	0.1
<b>Minimum</b>	0.1	37.4	0.7	0.1
	Milner Ambient Trailer	Bay Tree (#2)	Forth Creek (#3)	Kakwa 1 (#K1)
<b>Maximum</b>	6.3	41.2	16.5	0.5
	Kakwa 3 (#K3)	Crooked Creek (#37)	Grande Prairie I (#27)	Jayar5 Camp (#J5)

Continuous and Passive Monitoring Comparision				
<b>PAZA Beaverlodge Station</b>	<b>1.2</b>	<b>28.9</b>	<b>8.4</b>	-
<b>Beaverlodge Passive (#16)</b>	<b>0.9</b>	-	<b>4.5</b>	-
<b>PAZA Henry Pirker Station</b>	-	-	-	-
<b>Henry Pirker passive (#49)</b>	<b>0.8</b>	-	<b>12.4</b>	-
<b>Milner Station</b>	-	-	<b>3.5</b>	-
<b>Milner passive</b>	<b>0.1</b>	-	<b>2.1</b>	-



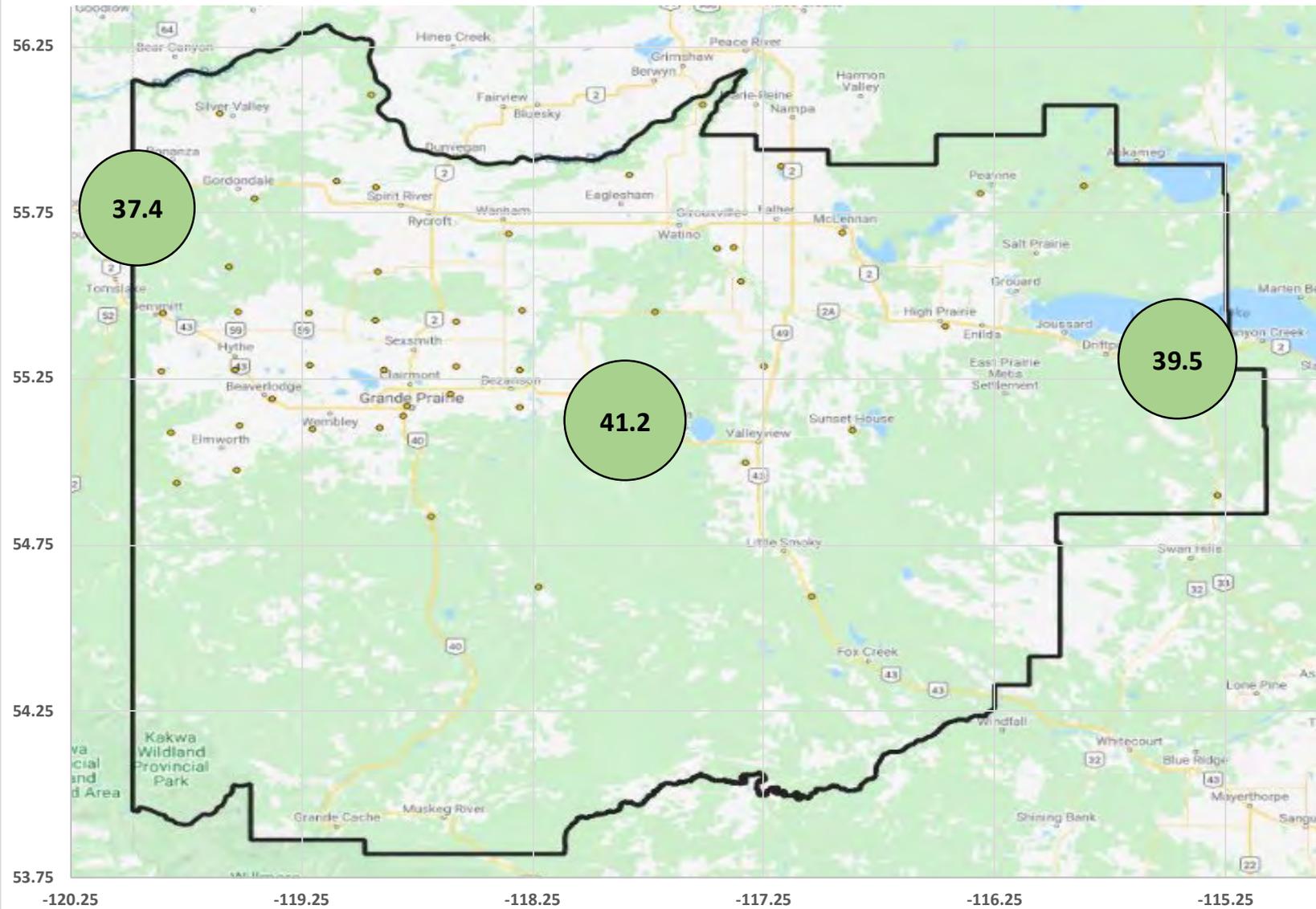


### NO<sub>2</sub> Monthly Average (units in ppb)

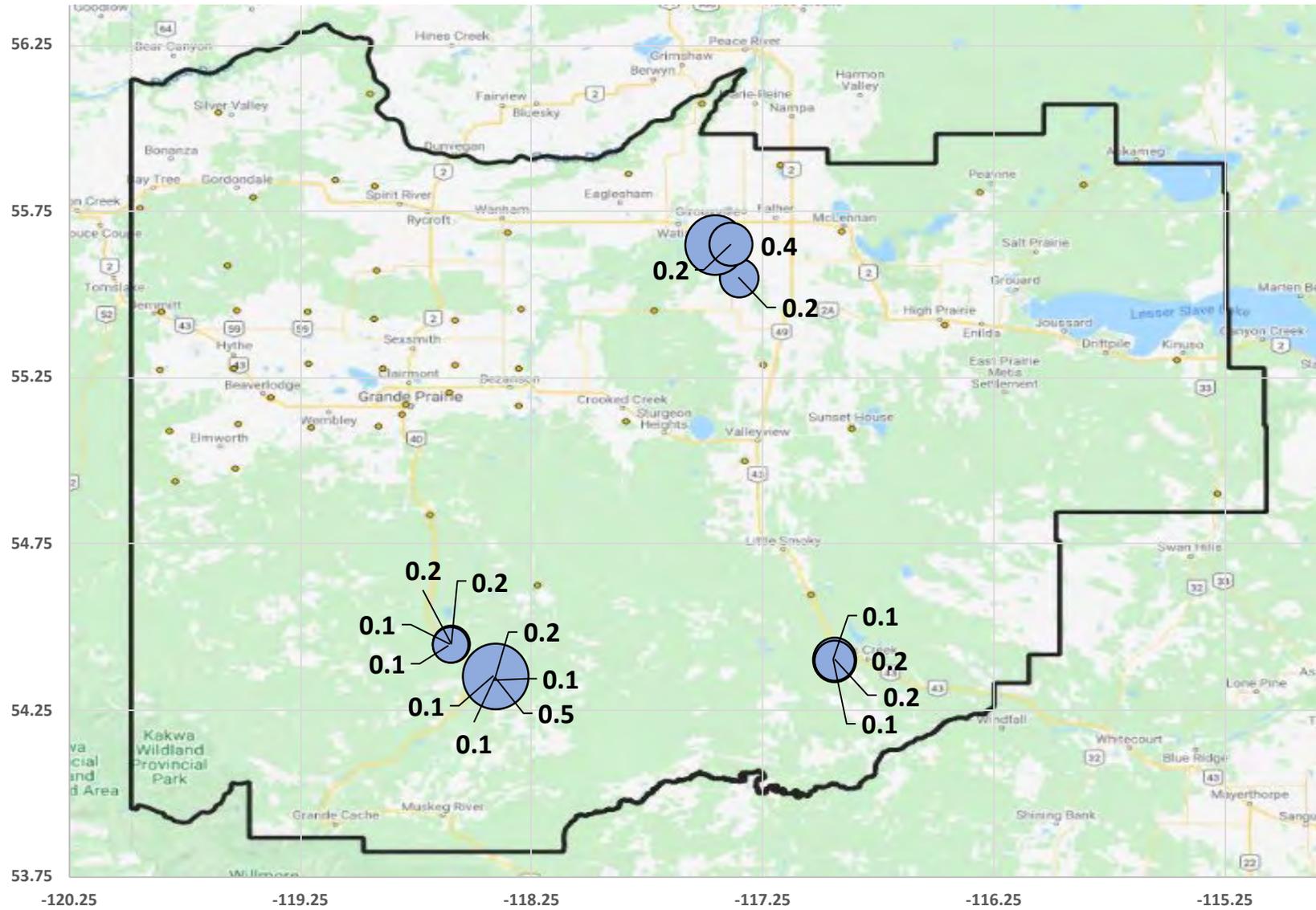




### O<sub>3</sub> Monthly Average (units in ppb)



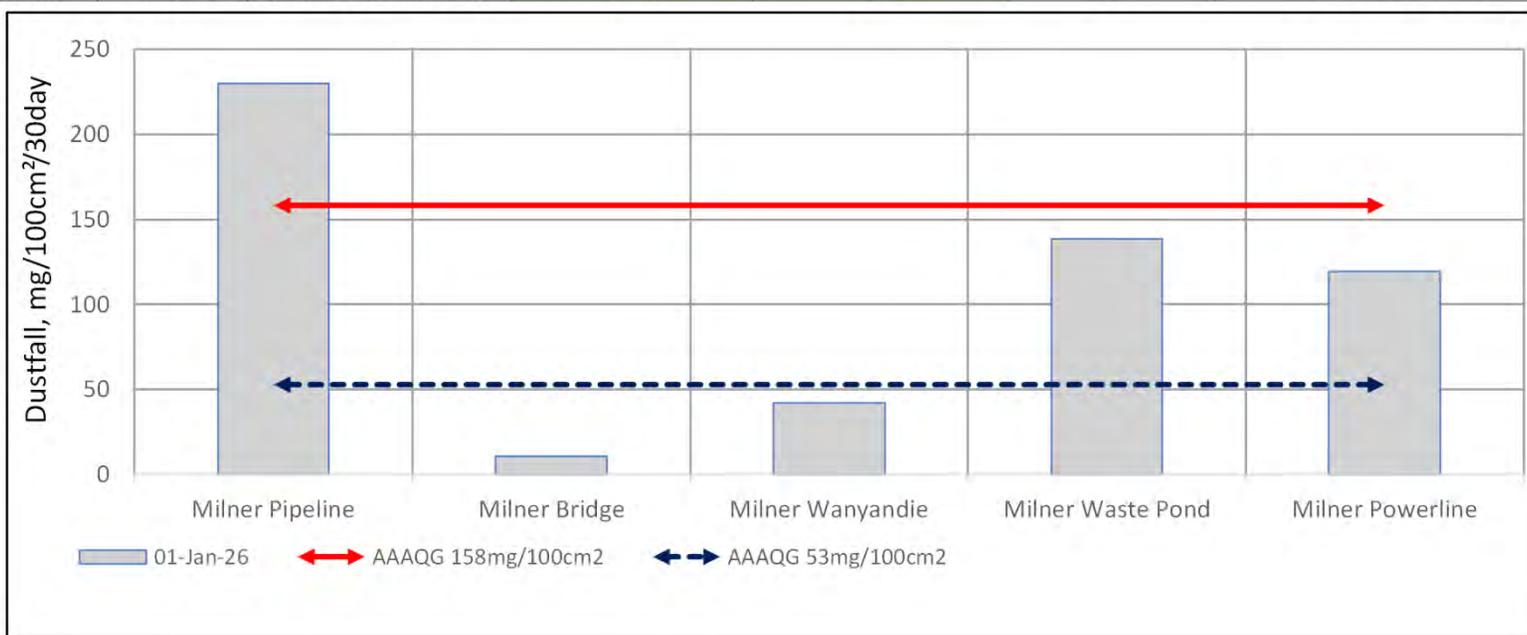
### H<sub>2</sub>S Monthly Average (units in ppb)



## 11 Dustfall Monitoring Data

**Milner Dustfall Samples January 2026**

Exposure Month	Year	Sample	Total Dustfall (30 day) mg/100cm <sup>2</sup> /30day	Fixed Dustfall (30 day) mg/100cm <sup>2</sup> /30day	Exposure days	Field Notes
January	2026	Milner Pipeline	230.1	45.4	29	Ref# 450475
January	2026	Milner Bridge	10.9	5.9	29	
January	2026	Milner Wanyandie	42.0	10.1	29	
January	2026	Milner Waste Pond	138.6	18.5	29	
January	2026	Milner Powerline	119.3	36.1	29	
January	2026	Milner Powerline Dup	76.4	26.0	29	RPD, 44% / 33%



# End of Report



## Peace Airshed Zone Association

### Ambient Air Monitoring Report

January 2026