



Peace Airshed Zone Association

Ambient Air Monitoring Network Summary

Ambient Air Quality Monitoring Program

Monthly Report

February 2026

March 31, 2026

Alberta Environment and Protected Areas

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

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

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

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

Mandeep Dhaliwal, B.Sc., P.Chem.
Program Manager
Box 21135
Grande Prairie, Alberta T8V 6W7
Email: Mandeep@paza.ca
Phone: 403-608-9697

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 February 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
	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 three readings above the 30min TRS 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	2026-02-04	15:30	16:30	6.2	2.4	160
e-reported	TRS	Dunes	2026-02-04	16:30	17:30	6.0	1.5	97
e-reported	TRS	Dunes	2026-02-10	09:30	10:30	5.1	2.2	182

Total dustfall collected at Milner Pipeline was 247.1mg/100cm²/30day > AAAQG (158 mg/100cm²/30day), reference # 451303

Operational times less than 90 percent

All equipment operated above 90% during the month

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 Girouxville 3 (the duplicate for H₂S) and Girouxville 4 (no access - extreme drifting and roads not plowed)

There were 20 duplicates sampled in the month of February:

- Eight SO₂ duplicates located at Forth Creek, Wanham, Bear Lake, Puskwaskau, Duvernay 1, Kakwa 4, Milner Powerline, Jayar1 Plant
 - RPD ranging from 0% to 28% (no fails)
- One O₃ duplicate at Kinuso
 - RPD of 10% (no fail)
- Seven NO₂ duplicates at Pinto Creek, Gold Creek, Guy, Little Smoky, Kakwa 3, Milner Pipeline, Jayar3 Bone Yard
 - RPD ranging from 4% to 15% (no fails)
- Four H₂S duplicates at Duvernay 1, Girouxville 3, Kakwa 1, Jayar5 Camp
 - Duplicate at Girouxville 3 were not collected

- RPD ranging from 18% to 28% (no fails)

Dustfall Monitoring

- Five Stations collected Total Dustfall and Fixed Dustfall
- Total dustfall ranged from 13.9 to 247.1 mg/100cm²/30day, resulting in one exceedance of dust fall, 247.1 > 158mg/100cm²/30day AAAQG (reference # 451303)
- RPD was 15 to 46% (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.

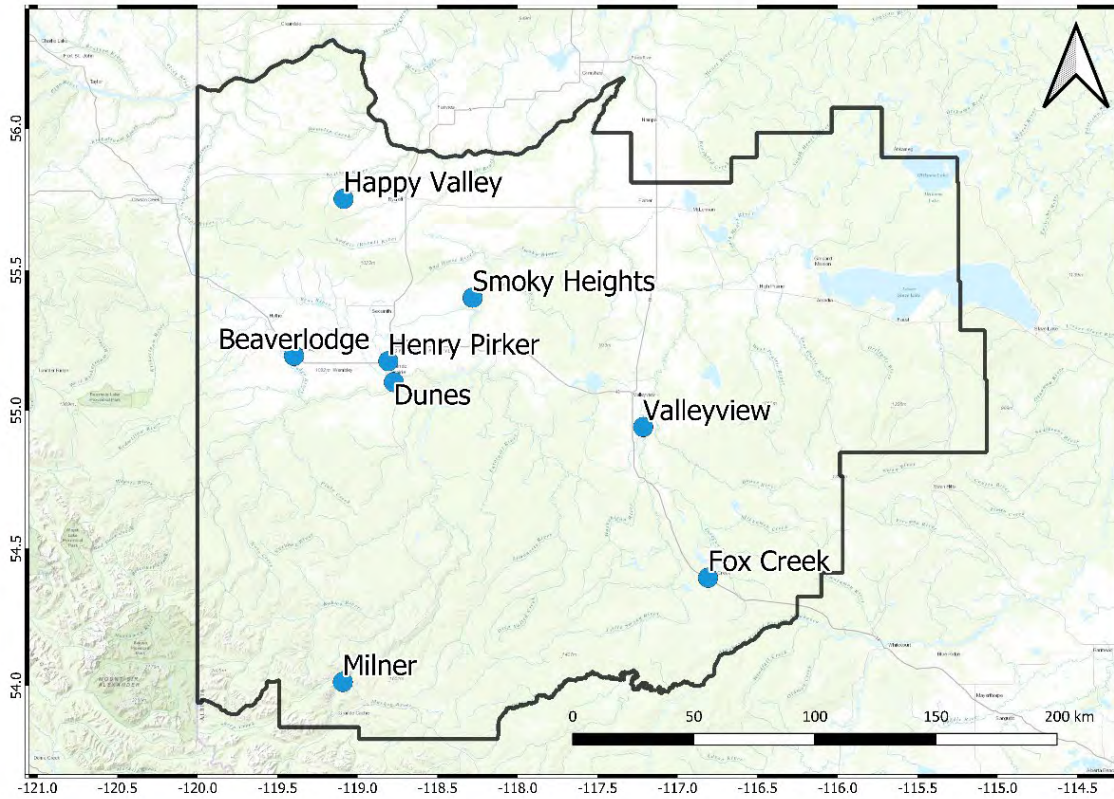


Mandeep Dhaliwal, B.Sc., P.Chem.
Program Manager

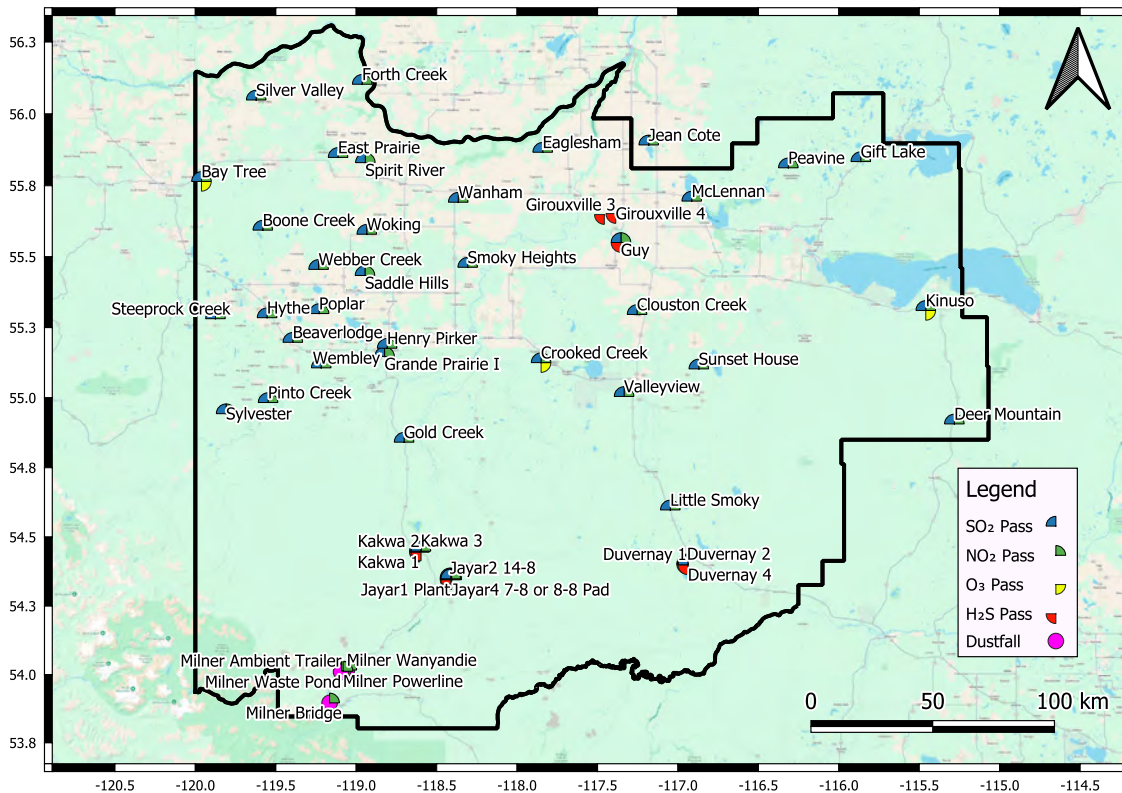
TABLE OF CONTENTS

1	FEBRUARY 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.....	24
5	SMOKY HEIGHTS CHARTS.....	38
6	VALLEYVIEW CHARTS	46
7	FOX CREEK CHARTS	53
8	HAPPY VALLEY (PORTABLE) CHARTS.....	63
9	MILNER CHARTS	76
10	PASSIVE MONITORING DATA.....	83
11	DUSTFALL MONITORING DATA.....	92
12	END OF REPORT	93

PAZA Continuous Monitoring Station Locations



PAZA Passive Monitoring Station Locations



1 February 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 - February 2026 Beaverlodge Station Report

Parameter	February				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)	1.6	0.0	92.7%	97.5%	45.5	-	Feb-20 10:00	10.9	-	Feb-20	-	-	-	-	Feb 02, 2026
NO ₂ (ppb)	5.9	0.4	92.7%	97.5%	38.2	159	Feb-20 19:00	21.6	-	Feb-20	0	-	-	-	Feb 02, 2026
NO _x (ppb)	7.4	0.4	92.7%	97.5%	80.5	-	Feb-20 10:00	32.5	-	Feb-20	-	-	-	-	Feb 02, 2026
O ₃ (ppb)	29.0	2.2	93.0%	97.5%	45.2	76	Feb-26 07:00	39.7	-	Feb-13	0	-	-	-	Feb 02, 2026
PM _{2.5} (µg/m ³)	3.5	0.1	97.3%	97.5%	31.0	80	Feb-01 17:00	19.4	29	Feb-01	0	-	0	-	Feb 03, 2026
SO ₂ (ppb)	1.8	0.0	92.9%	97.5%	43.4	172	Feb-21 13:00	14.7	48	Feb-17	0	-	0	0	Feb 03, 2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	-6.6	-26.6	97.5%	97.5%	10.4	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Note: Valid hours must be greater than 75% Operational hours must be greater than 90% </div> <div style="border: 1px solid black; padding: 5px;"> Average Wind Direction 284 WNW </div>									
RH (%)	71.1	36.1	97.5%	97.5%	98.2										
WS (km/hr)	10.4	0.2	97.5%	97.5%	29.7										
WD (deg)	284	1.0	97.5%	97.5%	359.1										

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42iQ	Feb 11-12, 17hrs lost due to communication failure
O ₃	Thermo	49iQ	Feb 11-12, 17hrs lost due to communication failure
PM _{2.5}	API	T640	Feb 11-12, 17hrs lost due to communication failure
SO ₂	Thermo	43i-TLE	Feb 11-12, 17hrs lost due to communication failure
Met Equip	MetOne	50.5	Feb 11-12, 17hrs lost due to communication failure

1.2 Dunes Air Monitoring Station

PAZA - February 2026 Dunes Station Report

Parameter	February				30min / 1-hour			24-hour			Exceedance				Calibration Date
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d	
PM _{2.5} (µg/m ³)	3.6	0.0	99.7%	100.0%	28.8	80	Feb-02 11:00	12.8	29	Feb-01	0	-	0	-	Feb-12-2026
SO ₂ (ppb)	0.4	0.0	95.4%	100.0%	10.2	172	Feb-15 06:00	2.0	48	Feb-23	0	-	0	0	Feb-12-2026
TRS (ppb)	0.7	0.1	95.2%	100.0%	6.2	5	Feb-04 16:30	1.7	3	Feb-04	3	-	0	-	Feb-12-2026
	Average	Minimum	Valid	Operational	Maximum										
Temp (°C)	-7.5	-31.3	100.0%	100.0%	11.9	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Note: Valid hours must be greater than 75% Operational hours must be greater than 90% </div> <div style="border: 1px solid black; padding: 5px;"> Average Wind Direction 307 NW </div>									
RH (%)	71.6	23.4	100.0%	100.0%	99.9										
WS (km/hr)	3.9	0.0	100.0%	100.0%	14.0										
WD (deg)	307	1.2	100.0%	100.0%	359.7										

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Thermo	SHARP 5030	No Operational issues noted during the month
SO ₂	Thermo	43i	No Operational issues noted during the month
TRS	Thermo	43i	No Operational issues noted during the month, 3x30min 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 - February 2026 Henry Pirker Station Report

Parameter	February				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)	13.7	0.0	93.6%	98.4%	165.4	-	Feb-02 11:00	54.2	-	Feb-06	-	-	-	-	Feb 01, 2026																																			
NO ₂ (ppb)	16.3	1.1	93.6%	98.4%	52.2	159	Mar-01 00:00	35.5	-	Feb-09	0	-	-	-	Feb 01, 2026																																			
NO _x (ppb)	30.2	1.2	93.6%	98.4%	209.6	-	Feb-02 11:00	79.3	-	Feb-06	-	-	-	-	Feb 01, 2026																																			
O ₃ (ppb)	19.9	0.1	93.3%	97.8%	42.7	76	Feb-26 10:00	35.6	-	Feb-11	0	-	-	-	Feb 01, 2026																																			
PM _{2.5} (µg/m ³)	5.7	0.2	98.1%	98.2%	35.7	80	Feb-02 11:00	17.6	29	Feb-02	0	-	0	-	Feb 01, 2026																																			
SO ₂ (ppb)	0.6	0.0	93.9%	98.4%	16.1	172	Feb-18 20:00	3.2	48	Feb-23	0	-	0	0	Feb 01, 2026																																			
H ₂ S (ppb)	0.3	0.0	93.0%	97.5%	3.0	10	Feb-04 22:00	0.8	3	Feb-03	0	-	0	-	Feb 01, 2026																																			
CH ₄ (ppm)	2.3	2.0	93.3%	97.9%	4.1	-	Feb-07 05:00	2.7	-	Feb-09	-	-	-	-	Feb 01, 2026																																			
THC (ppm)	2.3	2.0	93.3%	97.9%	4.1	-	Feb-07 05:00	2.7	-	Feb-09	-	-	-	-	Feb 01, 2026																																			
NMHC (ppm)	0.0	0.0	93.3%	97.9%	0.1	-	Feb-04 16:00	0.0	-	Feb-04	-	-	-	-	Feb 01, 2026																																			
CO (ppm)	0.3	0.1	93.9%	98.4%	1.3	13	Feb-02 11:00	0.5	5	Feb-09	0	0	-	-	Feb 01, 2026																																			
<table border="1"> <thead> <tr> <th>Average</th> <th>Minimum</th> <th>Valid</th> <th>Operational</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Temp (°C)</td> <td>-7.4</td> <td>-30.5</td> <td>100.0%</td> <td>100.0%</td> <td>10.3</td> </tr> <tr> <td>RH (%)</td> <td>65.4</td> <td>26.1</td> <td>100.0%</td> <td>100.0%</td> <td>86.0</td> </tr> <tr> <td>SR (W/m²)</td> <td>42.0</td> <td>0.0</td> <td>100.0%</td> <td>100.0%</td> <td>538.0</td> </tr> <tr> <td>WS (km/hr)</td> <td>5.7</td> <td>0.0</td> <td>100.0%</td> <td>100.0%</td> <td>26.1</td> </tr> <tr> <td>WD (deg)</td> <td>275</td> <td>0.2</td> <td>100.0%</td> <td>100.0%</td> <td>359.7</td> </tr> </tbody> </table>																Average	Minimum	Valid	Operational	Maximum	Temp (°C)	-7.4	-30.5	100.0%	100.0%	10.3	RH (%)	65.4	26.1	100.0%	100.0%	86.0	SR (W/m ²)	42.0	0.0	100.0%	100.0%	538.0	WS (km/hr)	5.7	0.0	100.0%	100.0%	26.1	WD (deg)	275	0.2	100.0%	100.0%	359.7
Average	Minimum	Valid	Operational	Maximum																																														
Temp (°C)	-7.4	-30.5	100.0%	100.0%	10.3																																													
RH (%)	65.4	26.1	100.0%	100.0%	86.0																																													
SR (W/m ²)	42.0	0.0	100.0%	100.0%	538.0																																													
WS (km/hr)	5.7	0.0	100.0%	100.0%	26.1																																													
WD (deg)	275	0.2	100.0%	100.0%	359.7																																													
<p>Note: Valid hours must be greater than 75% Operational hours must be greater than 90%</p>										<p>Dec 12, 2025 Dec 12, 2025 Dec 12, 2025 Dec 12, 2025 Dec 12, 2025</p>																																								
Average Wind Direction										275		W																																						

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42i	Feb 1, startup calibration after shutdown from November vandalism (10hrs up to calibration)
O ₃	TECO	49i	Feb 1, startup calibration after shutdown from November vandalism (14hrs up to calibration)
PM _{2.5}	API	T640	Feb 1, startup calibration after shutdown from November vandalism (11hrs up to calibration)
SO ₂	Thermo	43i-TLE	Feb 1, startup calibration after shutdown from November vandalism (10hrs up to calibration)
H ₂ S	TEI	450i	Feb 1, startup calibration after shutdown from November vandalism (16hrs up to calibration)
THC/CH ₄ /NMHC	TEI	55i	Feb 1, startup calibration after shutdown from November vandalism (12hrs up to calibration); Feb 20, signal flatlined, 1hr removed
CO	Thermo	48i-TLE	Feb 1, startup calibration after shutdown from November vandalism (10hrs up to calibration)
Met Equip	MetOne	50.5	No operational issues noted for the month

1.4 Smoky Heights Air Monitoring Station

PAZA - February 2026 Smoky Heights Station Report

Parameter	February				30min / 1-hour			24-hour			Exceedance				Calibration Date																							
	Average	Minimum	Valid	Operational	Max	Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d																								
PM _{2.5} (µg/m ³)	3.6	0.0	99.9%	100.0%	42.0	80	Feb-19 21:00	11.4	29	Feb-02	0	-	0	-	Feb 04, 2026																							
SO ₂ (ppb)	0.7	0.0	95.2%	100.0%	9.1	172	Feb-28 17:00	2.9	48	Feb-28	0	-	0	0	Feb 04, 2026																							
TRS (ppb)	0.2	0.0	95.2%	100.0%	0.8	5	Feb-24 12:30	0.3	3	Feb-02	0	-	0	-	Feb 04, 2026																							
<table border="1"> <thead> <tr> <th>Average</th> <th>Minimum</th> <th>Valid</th> <th>Operational</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Temp (°C)</td> <td>-9.0</td> <td>-30.4</td> <td>100.0%</td> <td>100.0%</td> <td>7.5</td> </tr> <tr> <td>WS (km/hr)</td> <td>11.4</td> <td>0.3</td> <td>100.0%</td> <td>100.0%</td> <td>39.2</td> </tr> <tr> <td>WD (deg)</td> <td>278</td> <td>0.5</td> <td>100.0%</td> <td>100.0%</td> <td>359.8</td> </tr> </tbody> </table>																Average	Minimum	Valid	Operational	Maximum	Temp (°C)	-9.0	-30.4	100.0%	100.0%	7.5	WS (km/hr)	11.4	0.3	100.0%	100.0%	39.2	WD (deg)	278	0.5	100.0%	100.0%	359.8
Average	Minimum	Valid	Operational	Maximum																																		
Temp (°C)	-9.0	-30.4	100.0%	100.0%	7.5																																	
WS (km/hr)	11.4	0.3	100.0%	100.0%	39.2																																	
WD (deg)	278	0.5	100.0%	100.0%	359.8																																	
<p>Note: Valid hours must be greater than 75% Operational hours must be greater than 90%</p>										<p>Aug 02, 2025 Aug 02, 2025</p>																												
Average Wind Direction										278		WNW																										

Update Summary:

Parameter	Make	Model	Equipment summary
PM _{2.5}	Sharp	5030	No operational issues noted during the month; no readings above the 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 - February 2026 Valleyview Station Report

Parameter	February				Max	1-hour			24-hour			Exceedance				Calibration Date
	Average	Minimum	Valid	Operational		Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d		
SO ₂ (ppb)	0.1	0.0	95.4%	100.0%	1.4	172	Feb-21 16:00	0.6	48	Feb-21	0	-	0	0	Feb 09, 2026	
H ₂ S (ppb)	0.1	0.0	95.2%	100.0%	0.6	10	Feb-09 20:00	0.2	3	Feb-12	0	-	0	-	Feb 09, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	-7.7	-33.9	100.0%	100.0%	13.3	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Note: Valid hours must be greater than 75% Operational hours must be greater than 90% </div> <div style="border: 1px solid black; padding: 5px;"> Average Wind Direction 299 NW </div>										
RH (%)	77.5	29.5	100.0%	100.0%	99.7											
WS (km/hr)	4.1	0.0	100.0%	100.0%	14.9											
WD (deg)	299	0.3	100.0%	100.0%	360.0											

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	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 - February 2026 Fox Creek Station Report

Parameter	February				Max	1-hour			8-hour / 24-hour			Exceedance				Calibration Date
	Average	Minimum	Valid	Operational		Objective	Max Day and Time	Max	Objective	Max Day	1hr	8hr	24hr	30d		
NO (ppb)	15.9	0.0	94.9%	100.0%	152.3	-	Feb-04 16:00	50.6	-	Feb-06	-	-	-	-	Feb 18, 2026	
NO ₂ (ppb)	13.7	0.4	94.9%	100.0%	51.8	159	Feb-04 16:00	27.0	-	Feb-07	0	-	-	-	Feb 18, 2026	
NO _x (ppb)	29.9	0.5	94.9%	100.0%	204.1	-	Feb-04 16:00	71.8	-	Feb-06	-	-	-	-	Feb 18, 2026	
O ₃ (ppb)	20.0	0.3	95.2%	100.0%	44.3	76	Feb-26 13:00	32.7	-	Feb-25	0	-	-	-	Feb 18, 2026	
PM _{2.5} (µg/m ³)	4.9	0.3	99.9%	100.0%	70.2	80	Feb-01 19:00	18.2	29	Feb-01	0	-	0	-	Feb 18, 2026	
SO ₂ (ppb)	0.3	0.0	95.1%	100.0%	2.9	172	Feb-11 11:00	0.7	48	Feb-23	0	-	0	0	Feb 18, 2026	
H ₂ S (ppb)	0.2	0.0	95.2%	100.0%	1.4	10	Feb-04 19:00	0.6	3	Feb-04	0	-	0	-	Feb 19, 2026	
	Average	Minimum	Valid	Operational	Maximum											
Temp (°C)	-6.1	-34.8	100.0%	100.0%	12.1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Note: Valid hours must be greater than 75% Operational hours must be greater than 90% </div> <div style="border: 1px solid black; padding: 5px;"> Average Wind Direction 235 SW </div>										
WS (km/hr)	5.1	0.2	100.0%	100.0%	25.0											
WD (deg)	235	0.1	100.0%	100.0%	359.1											

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	Thermo	42IQ	No operational issues noted during the month
O ₃	TECO	49i	No operational issues noted during the month
PM _{2.5}	API	T640	No operational issues noted during the month; no readings above AAAQG or AAAQO
SO ₂	TEI	43I-TLE	No operational issues noted during the month
H ₂ 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 - February 2026 Happy Valley Station Report

Parameter	February			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)	0.6	0.0	92.3%	97.0%	12.6	-	Feb-20 12:00	3.0	-	Feb-20	-	-	-	-	Feb 10, 2026	
NO ₂ (ppb)	2.3	0.3	92.3%	97.0%	19.7	159	Feb-20 07:00	10.0	-	Feb-20	0	-	-	-	Feb 10, 2026	
NO _x (ppb)	2.9	0.3	92.3%	97.0%	25.3	-	Feb-20 10:00	13.2	-	Feb-20	-	-	-	-	Feb 10, 2026	
O ₃ (ppb)	30.2	3.3	92.4%	97.0%	44.2	76	Feb-12 17:00	39.8	-	Feb-13	0	-	-	-	Feb 10, 2026	
PM _{2.5} (µg/m ³)	2.7	0.0	97.0%	97.2%	11.9	80	Feb-01 14:00	9.2	29	Feb-01	0	-	0	-	Feb 10, 2026	
SO ₂ (ppb)	0.5	0.0	92.6%	97.0%	5.9	172	Feb-20 07:00	2.6	48	Feb-20	0	-	0	0	Feb 10, 2026	
TRS (ppb)	0.4	0.2	92.4%	97.0%	1.1	5	Feb-06 17:30	0.6	-	Feb-05	0	-	-	-	Feb 11, 2026	
CH ₄ (ppm)	2.1	2.0	92.4%	97.0%	2.6	-	Feb-06 01:00	2.2	-	Feb-20	-	-	-	-	Feb 11, 2026	
THC (ppm)	2.1	2.0	92.4%	97.0%	3.4	-	Feb-06 01:00	2.3	-	Feb-06	-	-	-	-	Feb 11, 2026	
NMHC (ppm)	0.0	0.0	92.4%	97.0%	0.9	-	Feb-06 13:00	0.1	-	Feb-06	-	-	-	-	Feb 11, 2026	
Average	Minimum	Valid	Operational	Maximum												
Temp (°C)	-8.5	-29.5	97.2%	97.2%	10.8											
WS (km/hr)	13.4	0.2	97.2%	97.2%	46.3											
WD (deg)	265	0.9	97.2%	97.2%	354.3											
<p>Note: Valid hours must be greater than 75% Operational hours must be greater than 90%</p>																
Average Wind Direction										265	W					

Update Summary:

Parameter	Make	Model	Equipment summary
NO/NO ₂ /NO _x	TEI	42i	Feb 11-12, communication failure (19hrs lost); Feb 22, manual AIC performed to verify analyzers (1hr)
O ₃	TEI	49I	Feb 11-12, communication failure (19hrs lost); Feb 22, AIC failed, manual AIC performed to verify ok (1hr)
PM _{2.5}	API	T640	Feb 11-12, communication failure (19hrs lost)
SO ₂	TEI	43I	Feb 11-12, communication failure (19hrs lost); Feb 22, manual AIC performed to verify analyzers (1hr)
TRS	TEI	43I	Feb 11-12, communication failure (19hrs lost); Feb 22, manual AIC performed to verify analyzers (1hr)
THC/CH ₄ /NMHC	TEI	55i	Feb 11-12, communication failure (19hrs lost); Feb 22, AIC failed, manual AIC performed to verify ok (1hr)
Met Equip	MetOne	50.5	Feb 11-12, communication failure (19hrs lost)

1.8 Milner Air Monitoring Station

PAZA - February 2026 Milner Station Report

Parameter	February			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	95.1%	100.0%	13.4	-	Feb-28 13:00	2.2	-	Feb-28	-	-	-	-	Feb 13, 2026	
NO ₂ (ppb)	2.9	0.0	95.1%	100.0%	24.9	159	Feb-19 03:00	7.5	-	Feb-01	0	-	-	-	Feb 13, 2026	
NO _x (ppb)	3.5	0.0	95.1%	100.0%	29.4	-	Feb-01 16:00	9.1	-	Feb-01	-	-	-	-	Feb 13, 2026	
PM _{2.5} (µg/m ³)	4.0	0.1	99.7%	100.0%	40.0	80	Feb-01 16:00	11.1	29	Feb-01	0	-	0	-	Feb 13, 2026	
Average	Minimum	Valid	Operational	Maximum												
WS (km/hr)	10.6	0.2	100.0%	100.0%	36.1											
WD (deg)	264	6.1	100.0%	100.0%	359.2											
<p>Note: Valid hours must be greater than 75% Operational hours must be greater than 90%</p>																
Average Wind Direction										264	W					

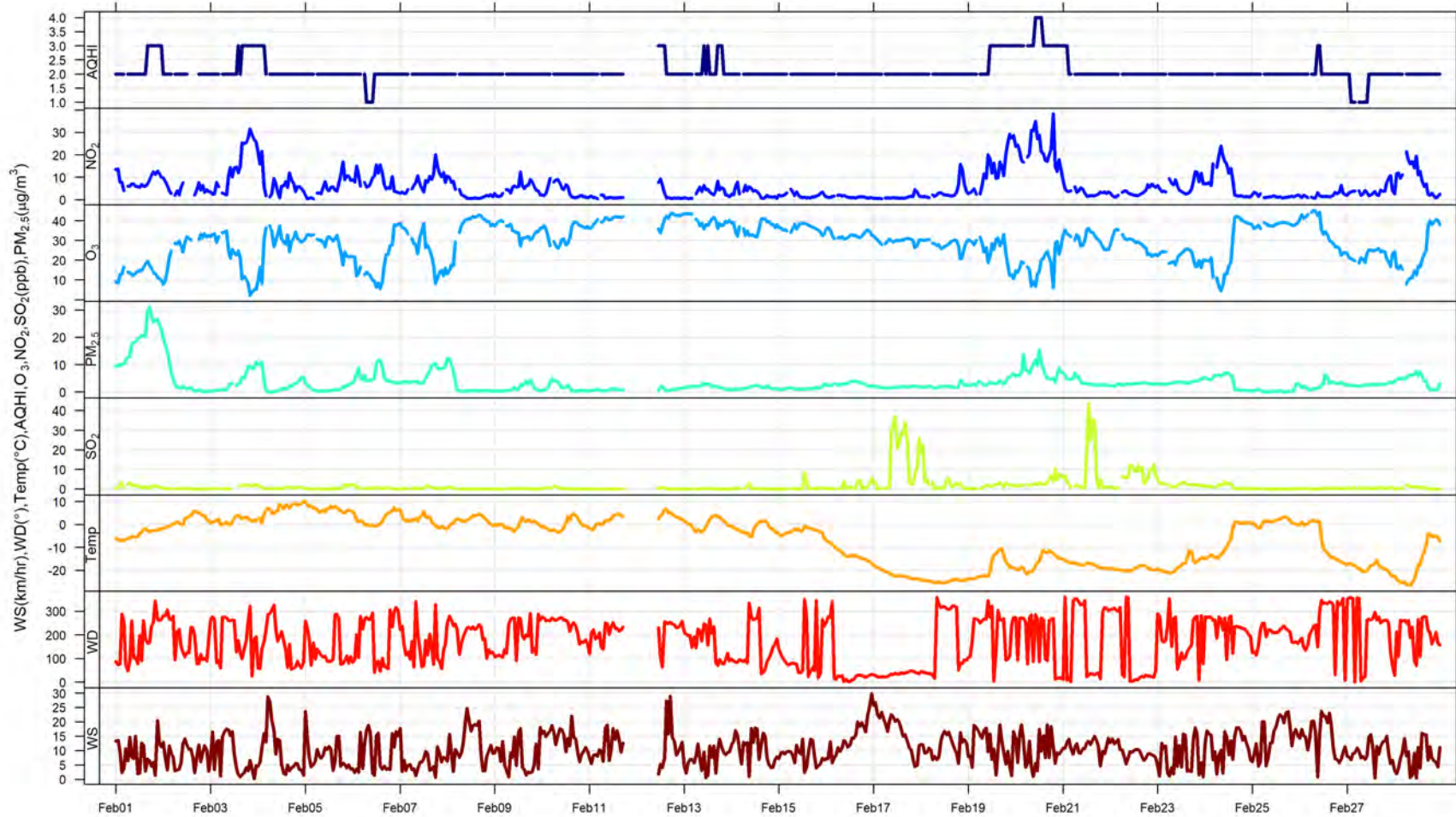
Update Summary:

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

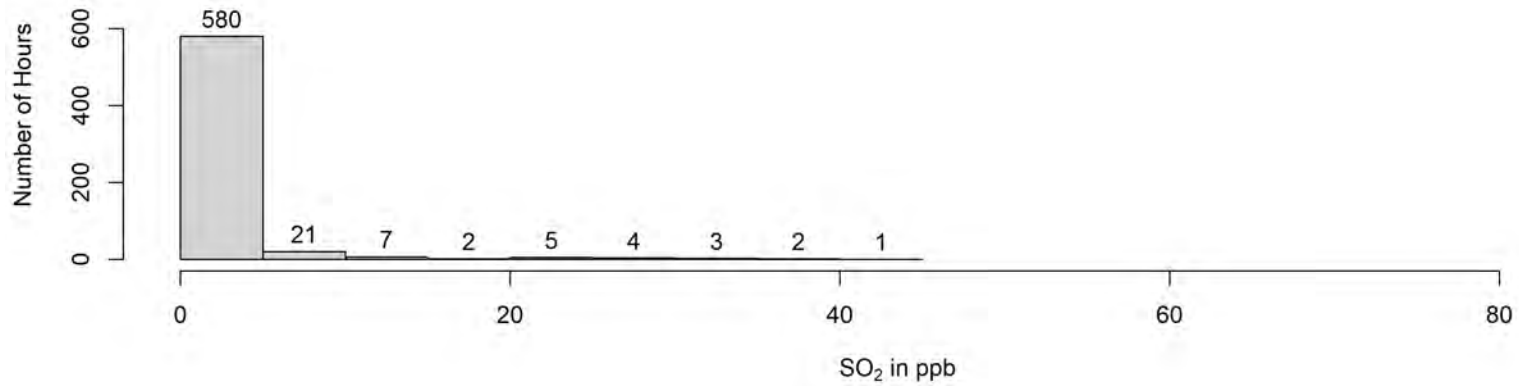
2 Beaverlodge Charts

The following pages include the charts and histograms for Beaverlodge Station

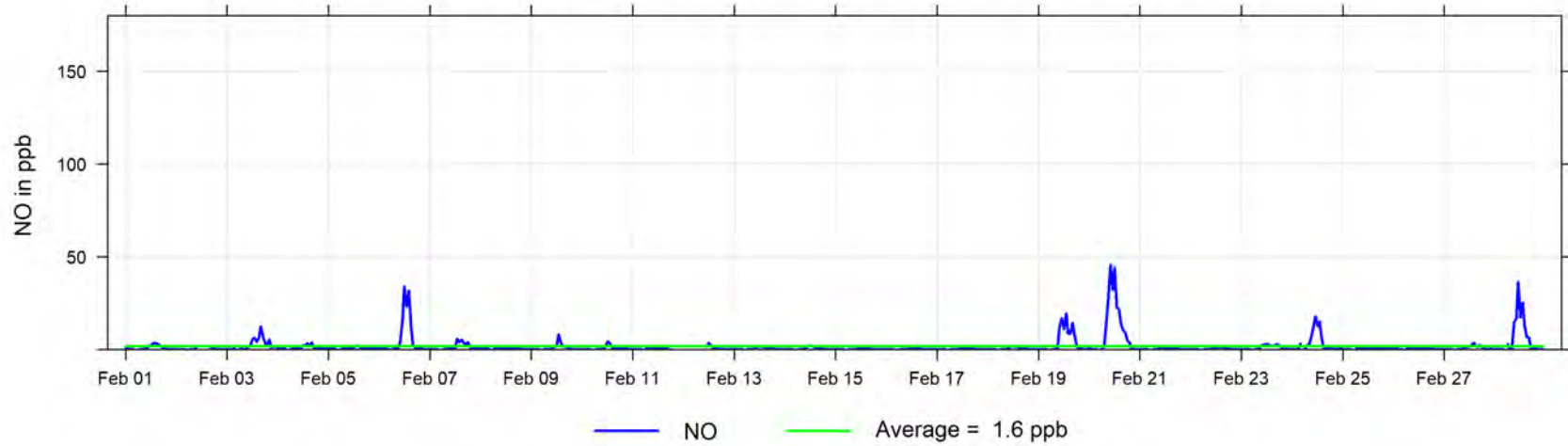
February 2026 Concentration Readings at Beaverlodge Station



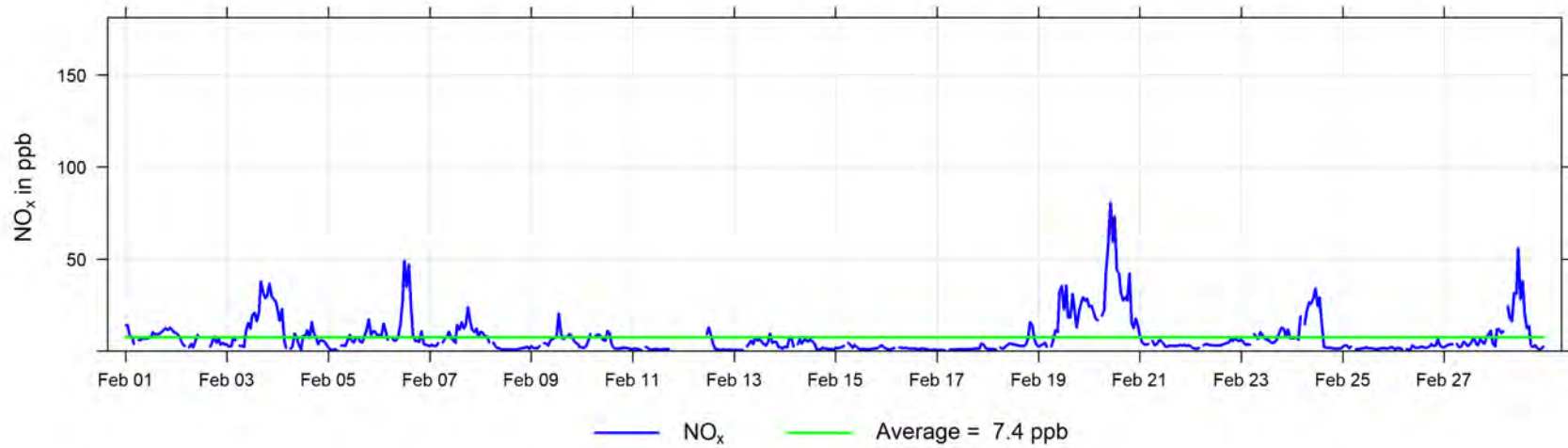
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Beaverlodge



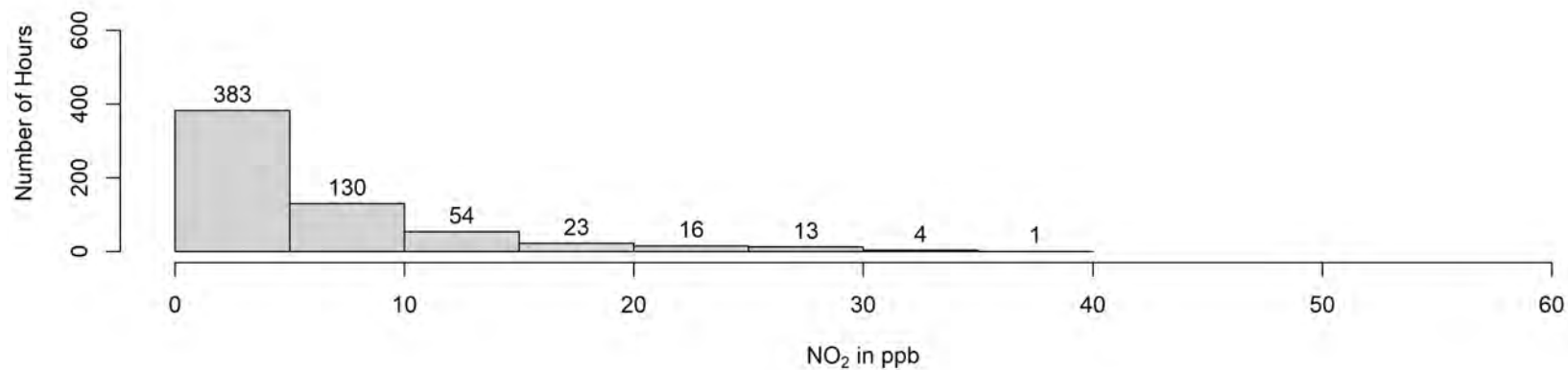
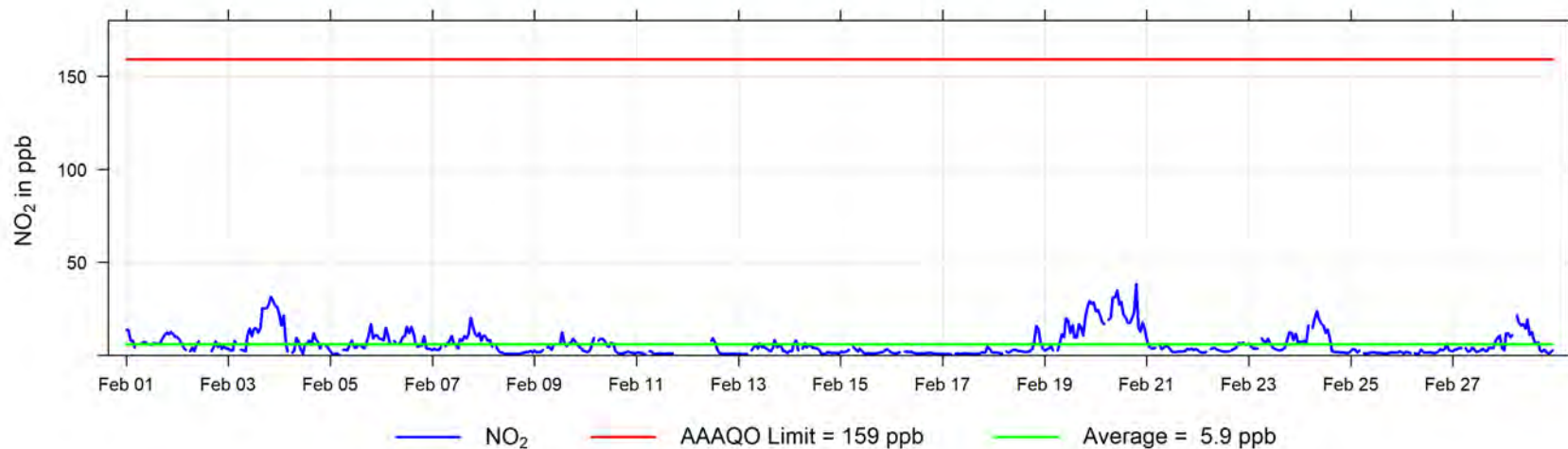
February 2026 Hourly Concentration Readings of NO (in ppb) at Beaverlodge



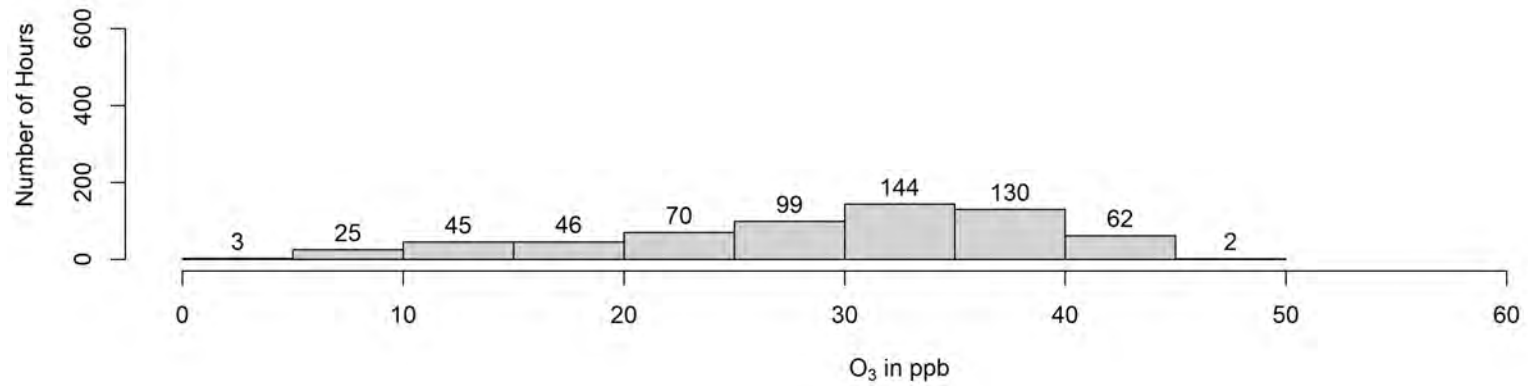
February 2026 Hourly Concentration Readings of NO_x (in ppb) at Beaverlodge



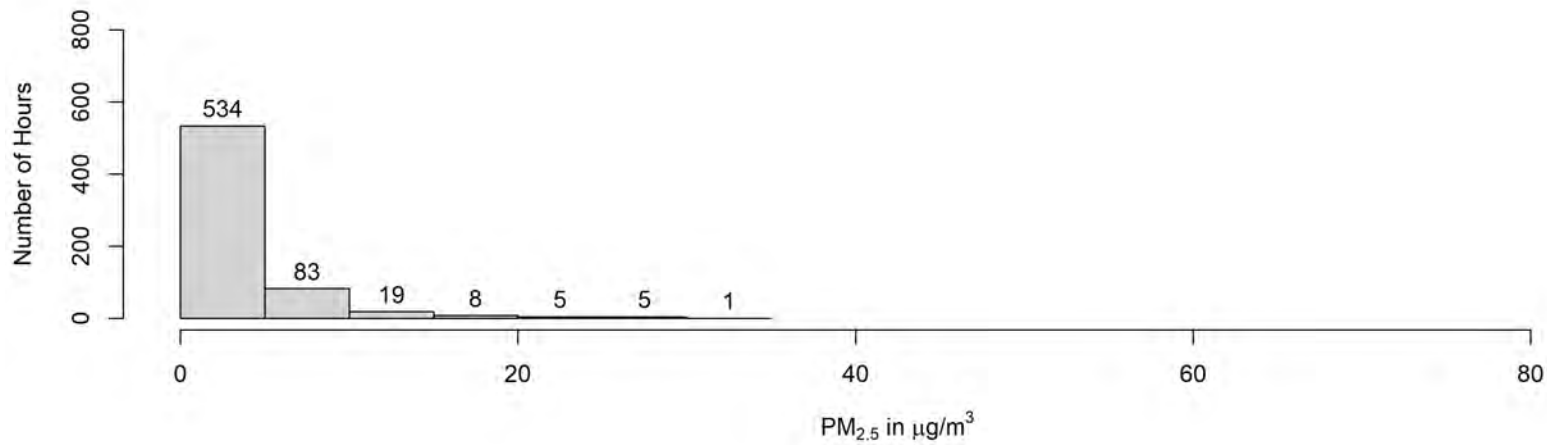
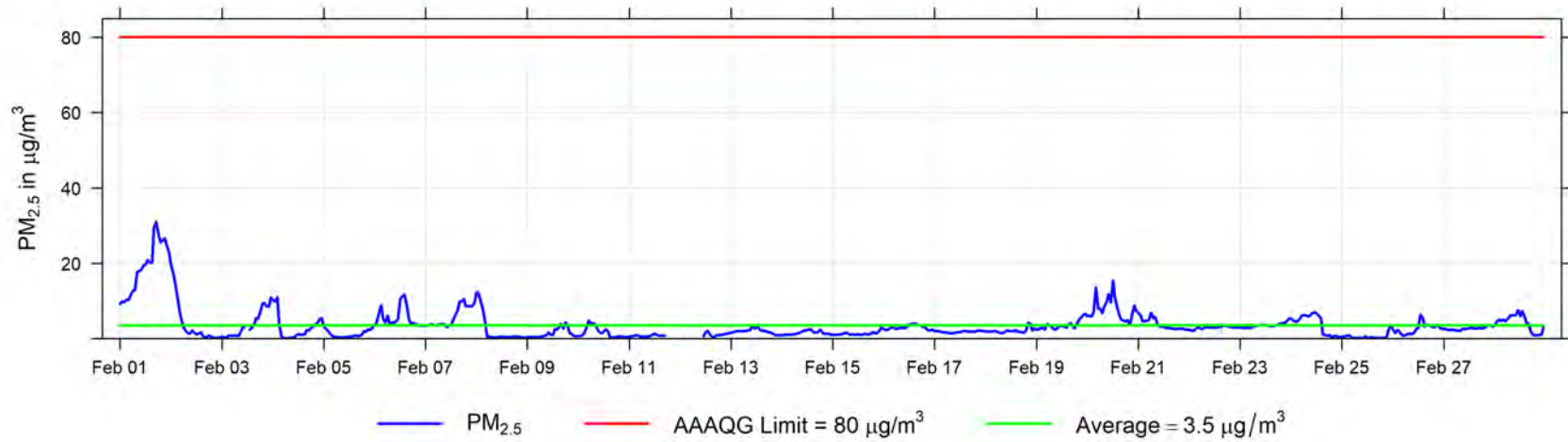
February 2026 Hourly Concentration Readings of NO₂ (in ppb) at Beaverlodge



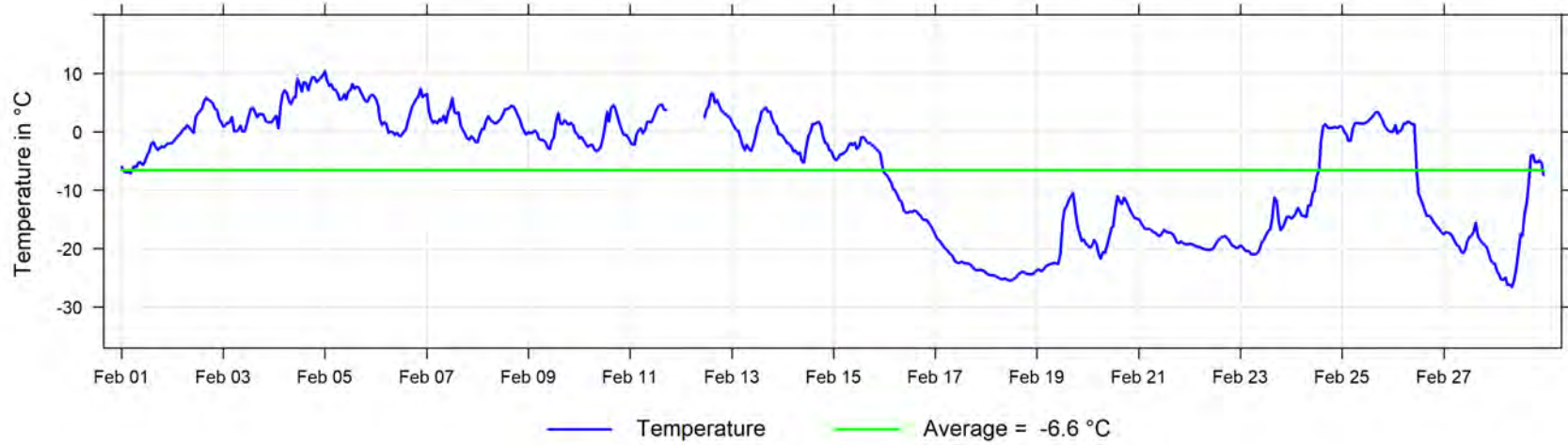
February 2026 Hourly Concentration Readings of O₃ (in ppb) at Beaverlodge



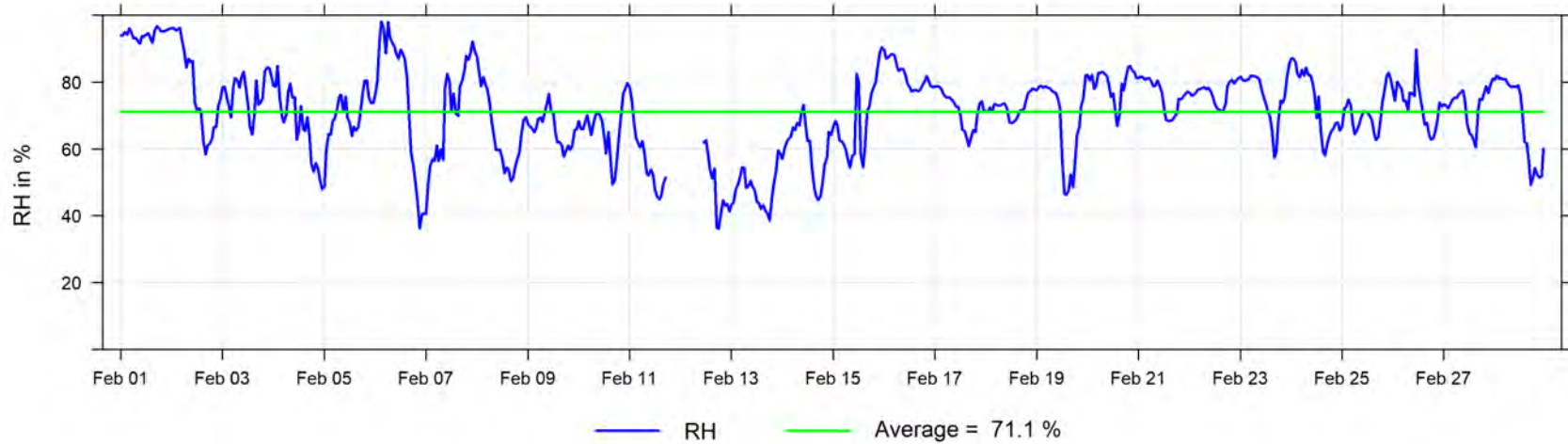
February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Beaverlodge



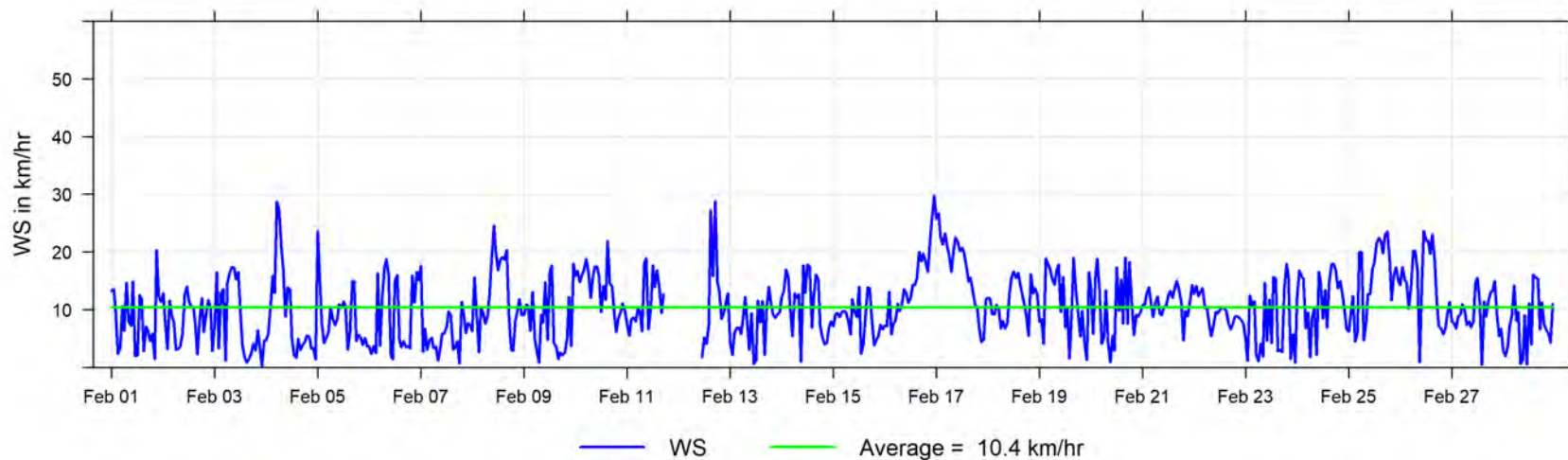
February 2026 Hourly Temperature Readings (in °C) at Beaverlodge



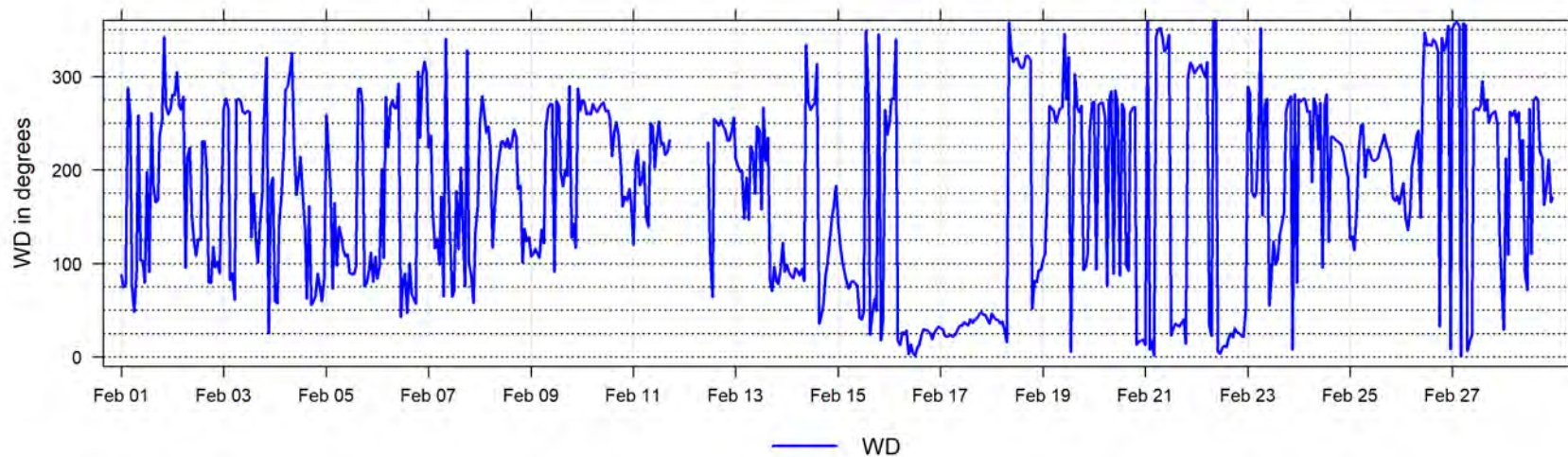
February 2026 Hourly Readings of Relative Humidity (in %) at Beaverlodge



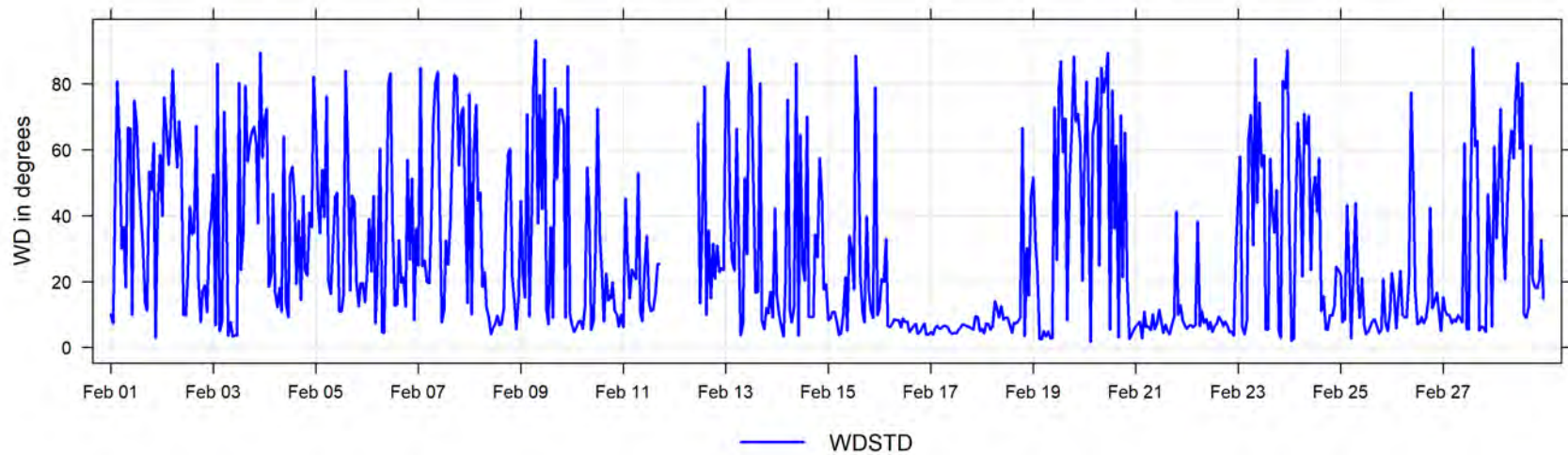
February 2026 Hourly Readings of Wind Speed (in km/hr) at Beaverlodge

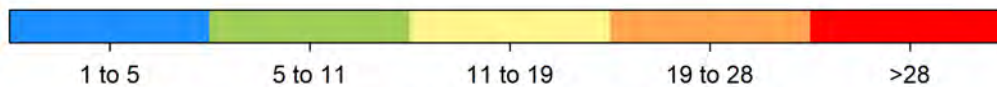
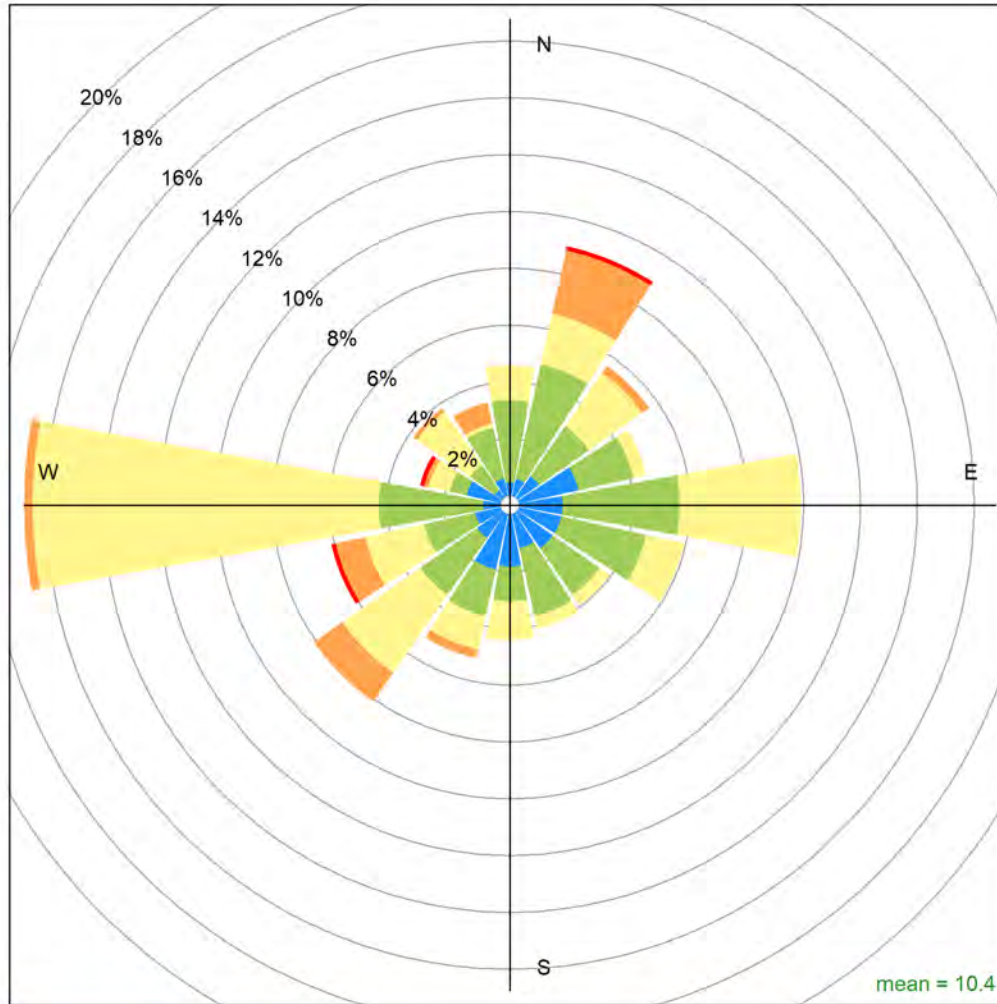


February 2026 Hourly Readings of Wind Direction (in degrees) at Beaverlodge



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





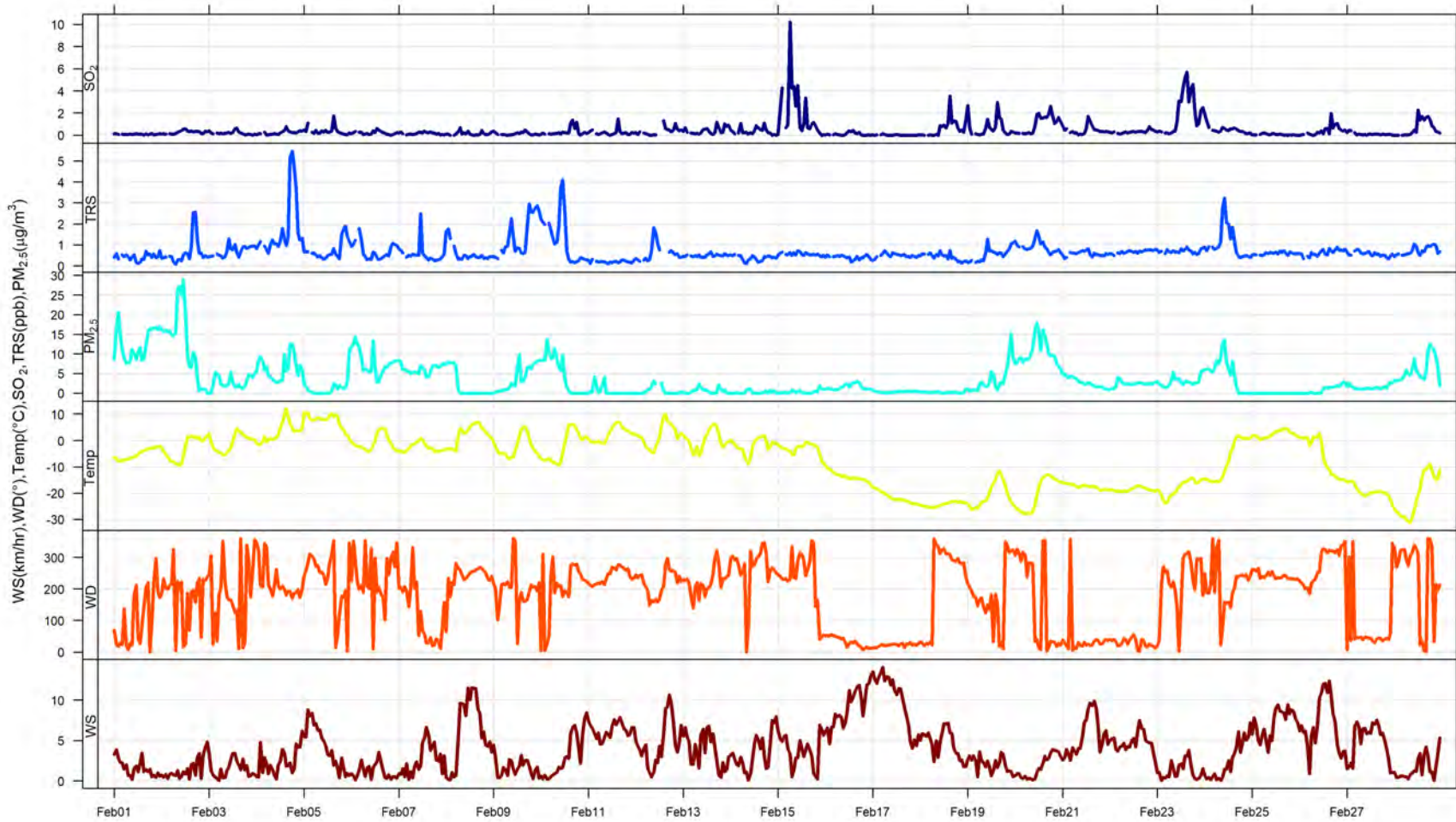
Beaverlodge February 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 1.7 %

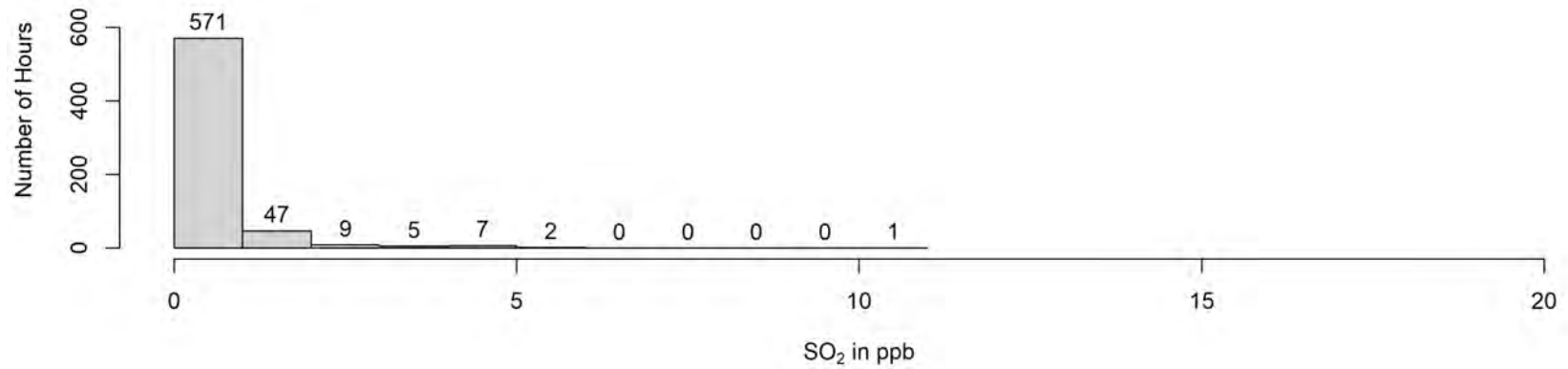
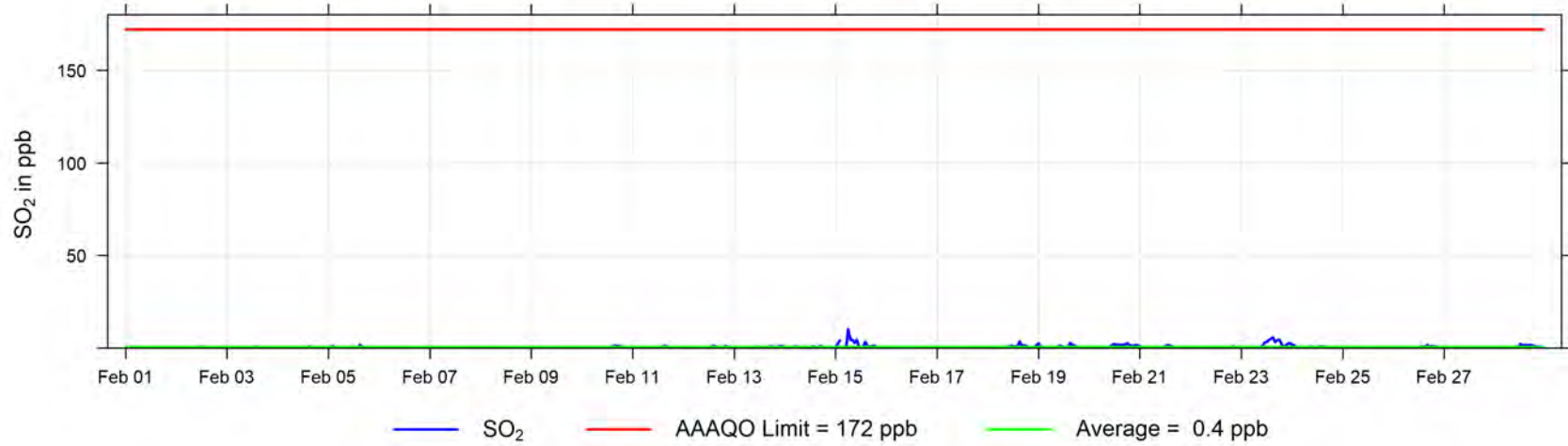
3 Dunes Charts

The following pages include the charts and histograms for Dunes Station

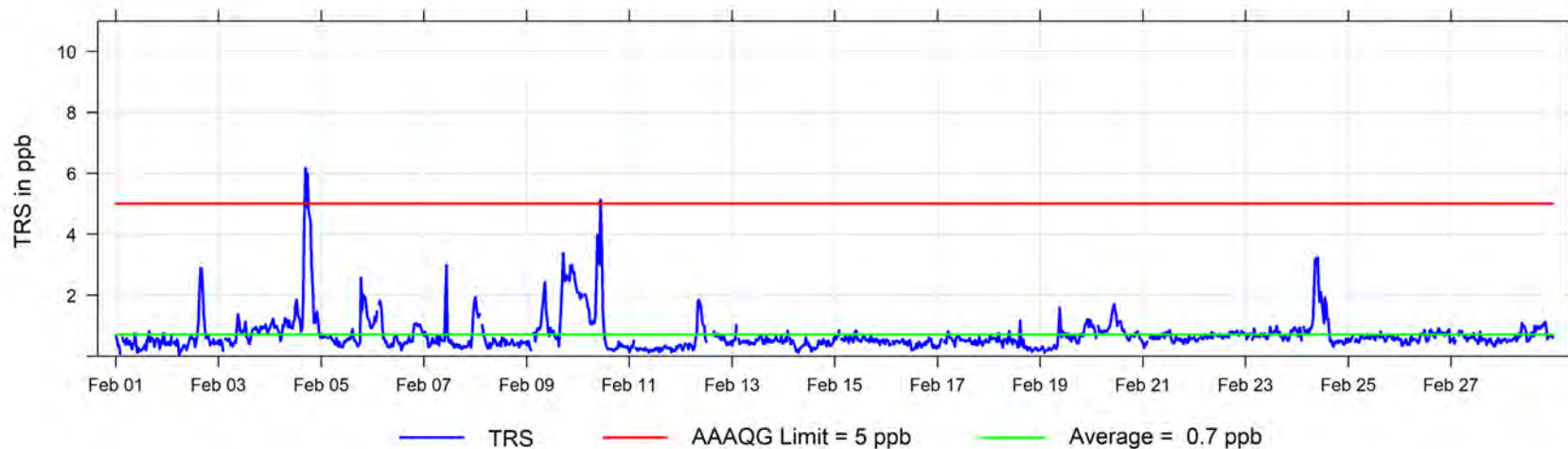
February 2026 Concentration Readings at Dunes Station



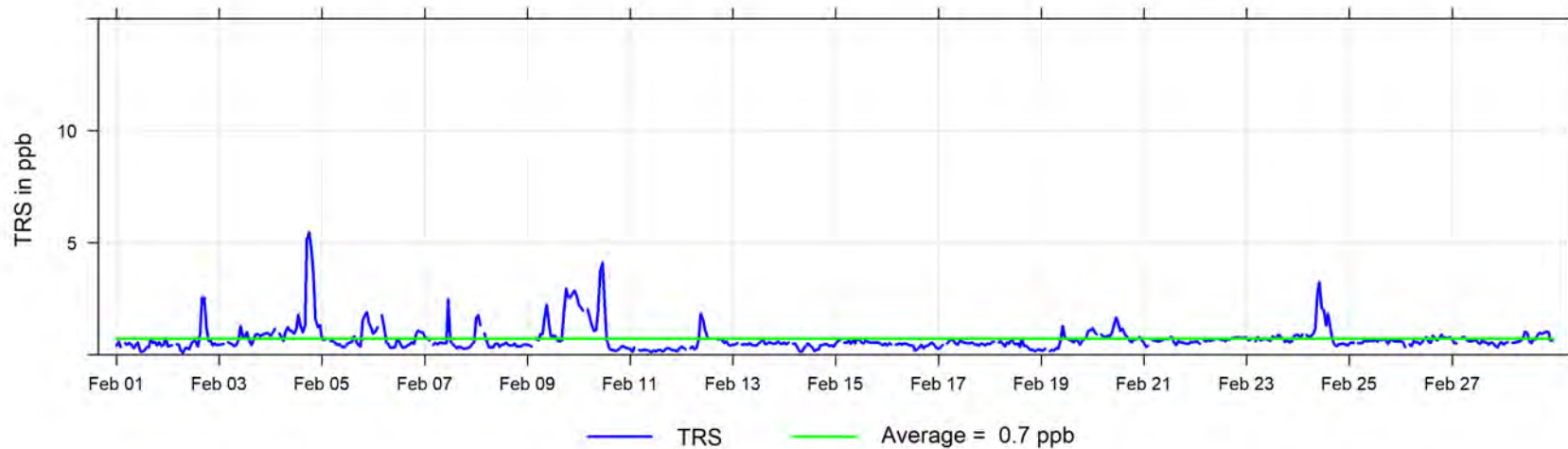
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Dunes

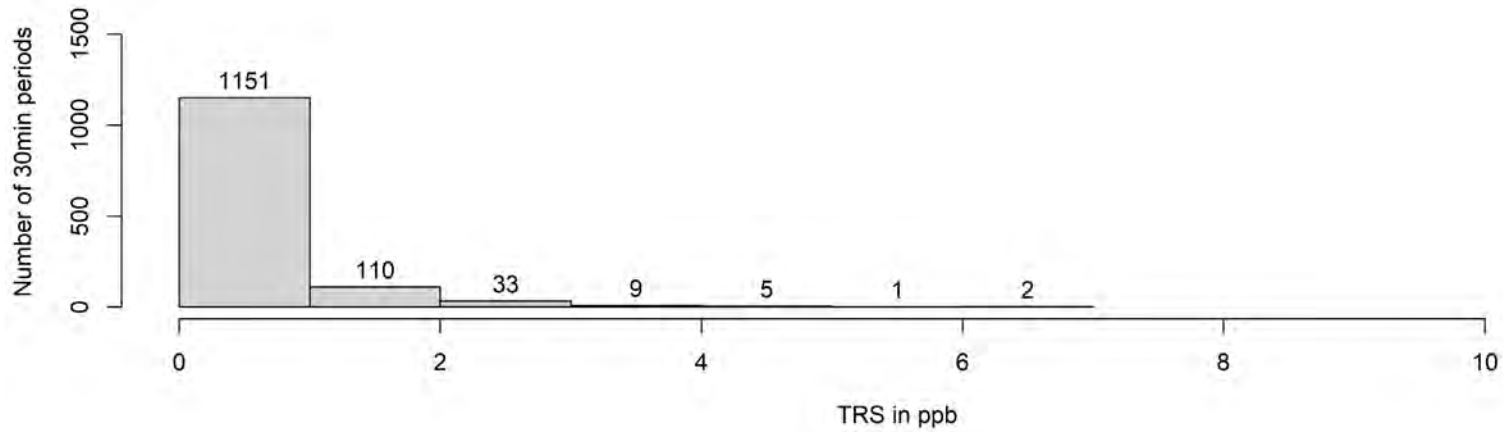


February 2026 30 min Concentration Readings of TRS (in ppb) at Dunes

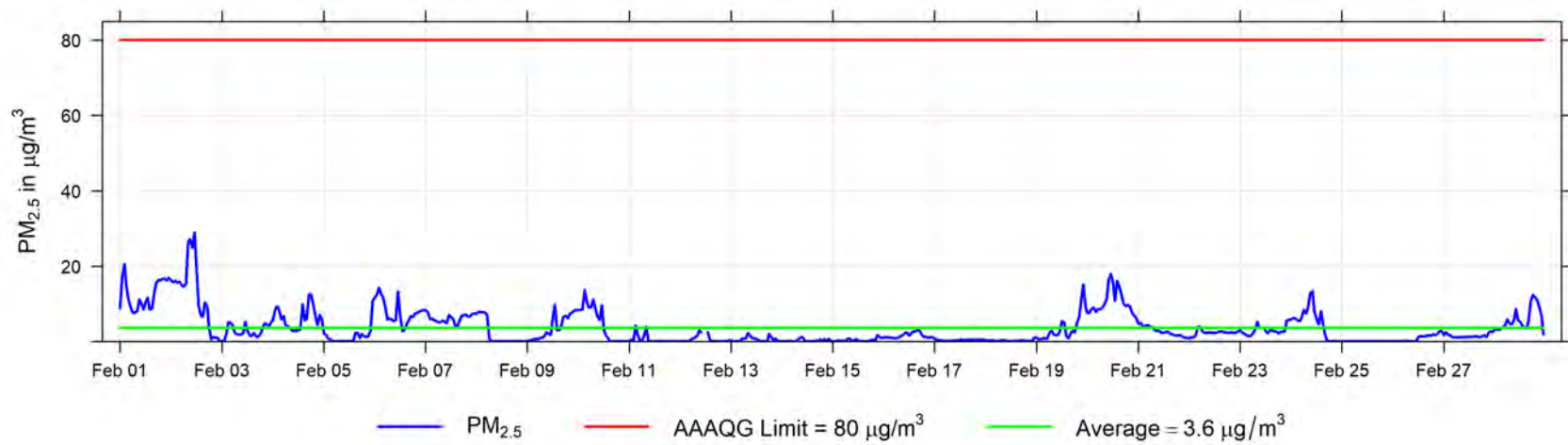


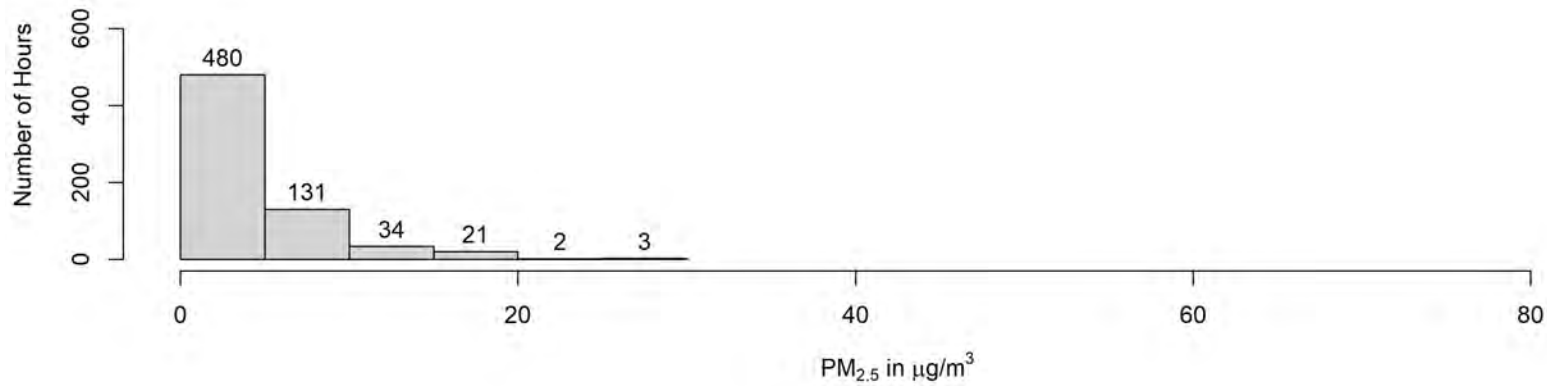
February 2026 Hourly Concentration Readings of TRS (in ppb) at Dunes



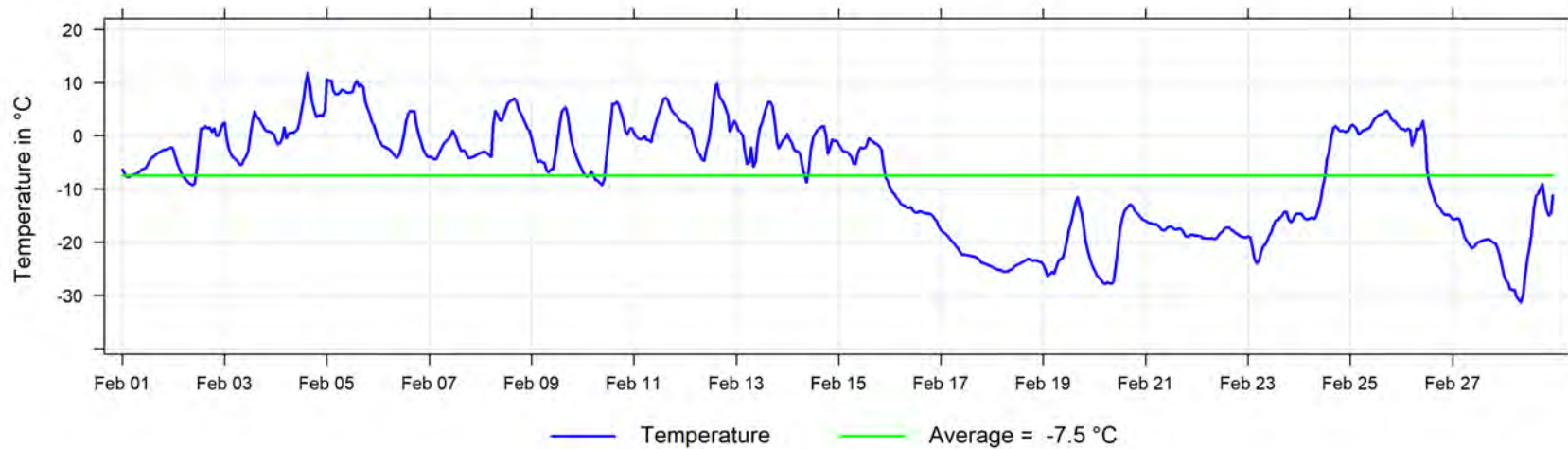


February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Dunes

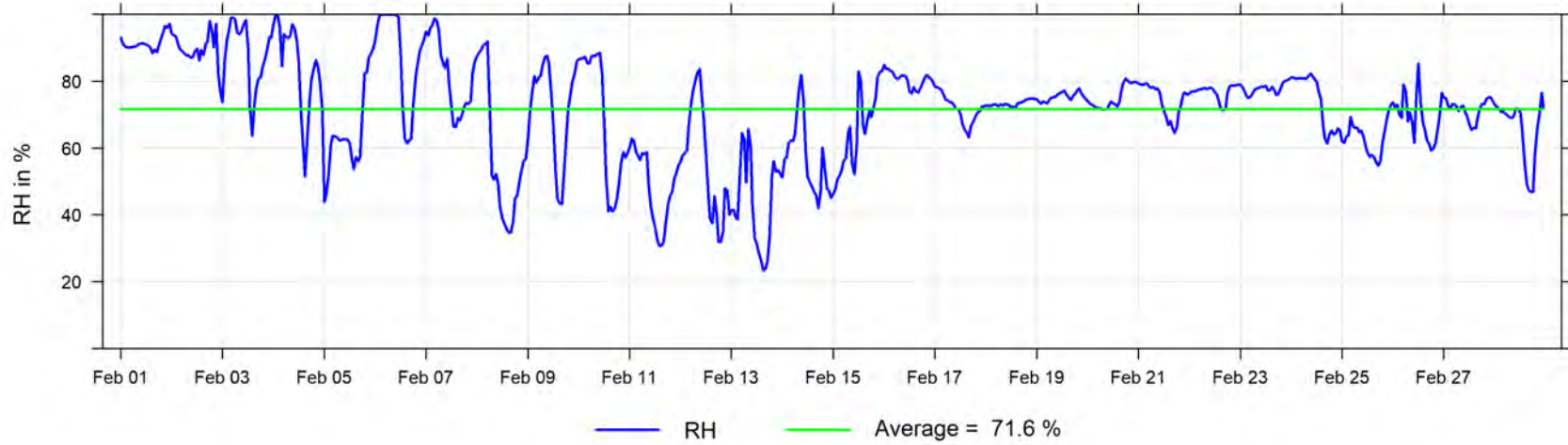




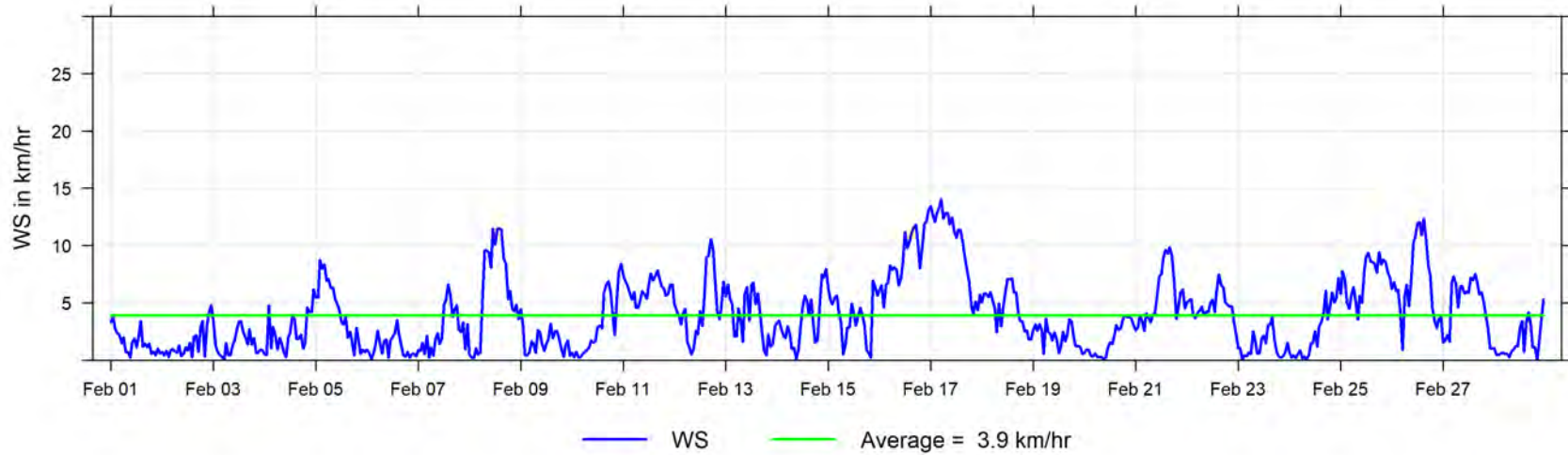
February 2026 Hourly Temperature Readings (in °C) at Dunes



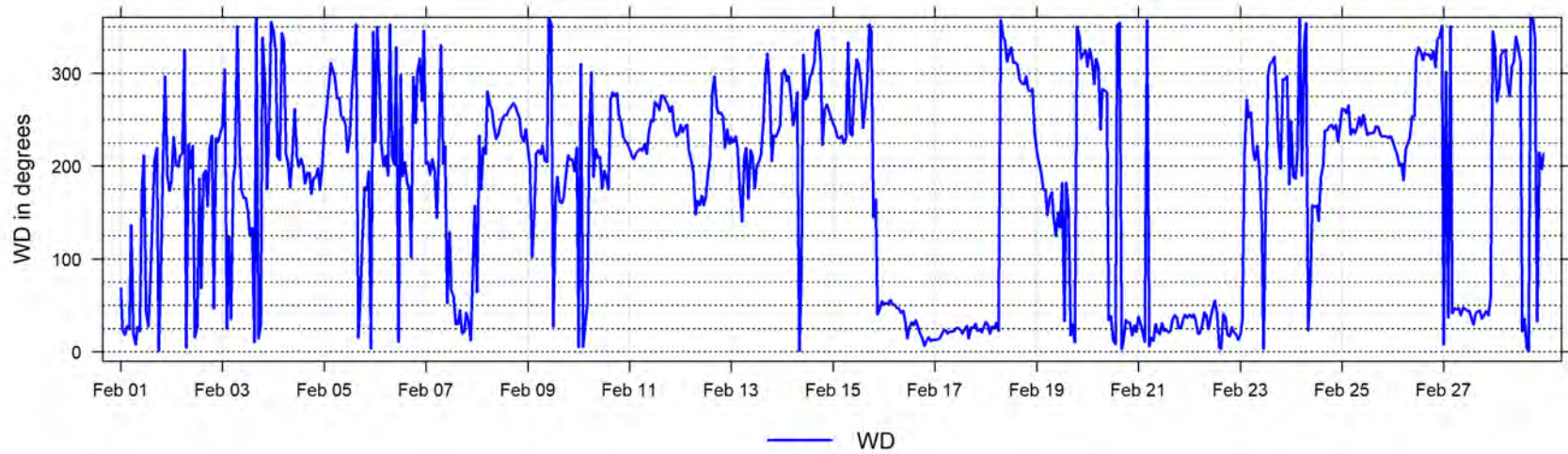
February 2026 Hourly Readings of Relative Humidity (in %) at Dunes



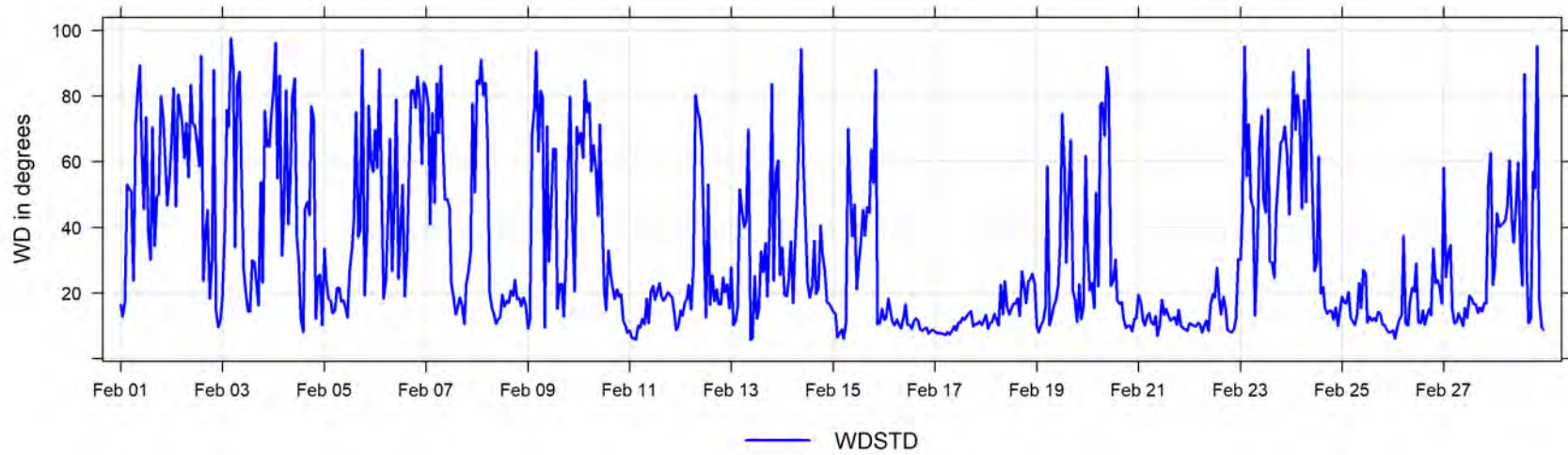
February 2026 Hourly Readings of Wind Speed (in km/hr) at Dunes

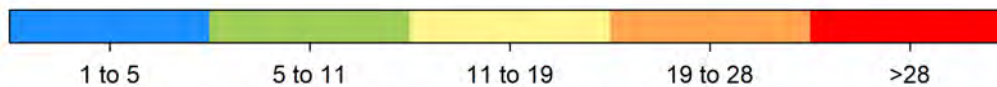
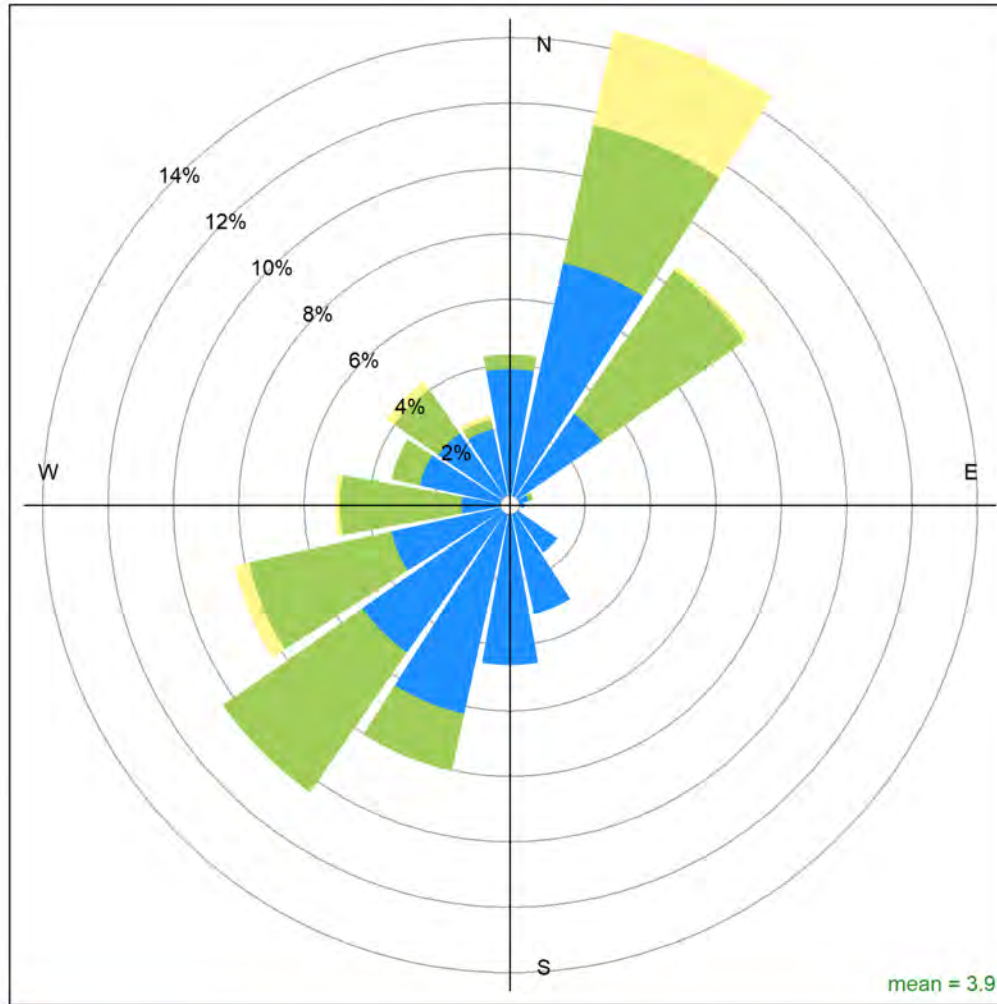


February 2026 Hourly Readings of Wind Direction (in degrees) at Dunes



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



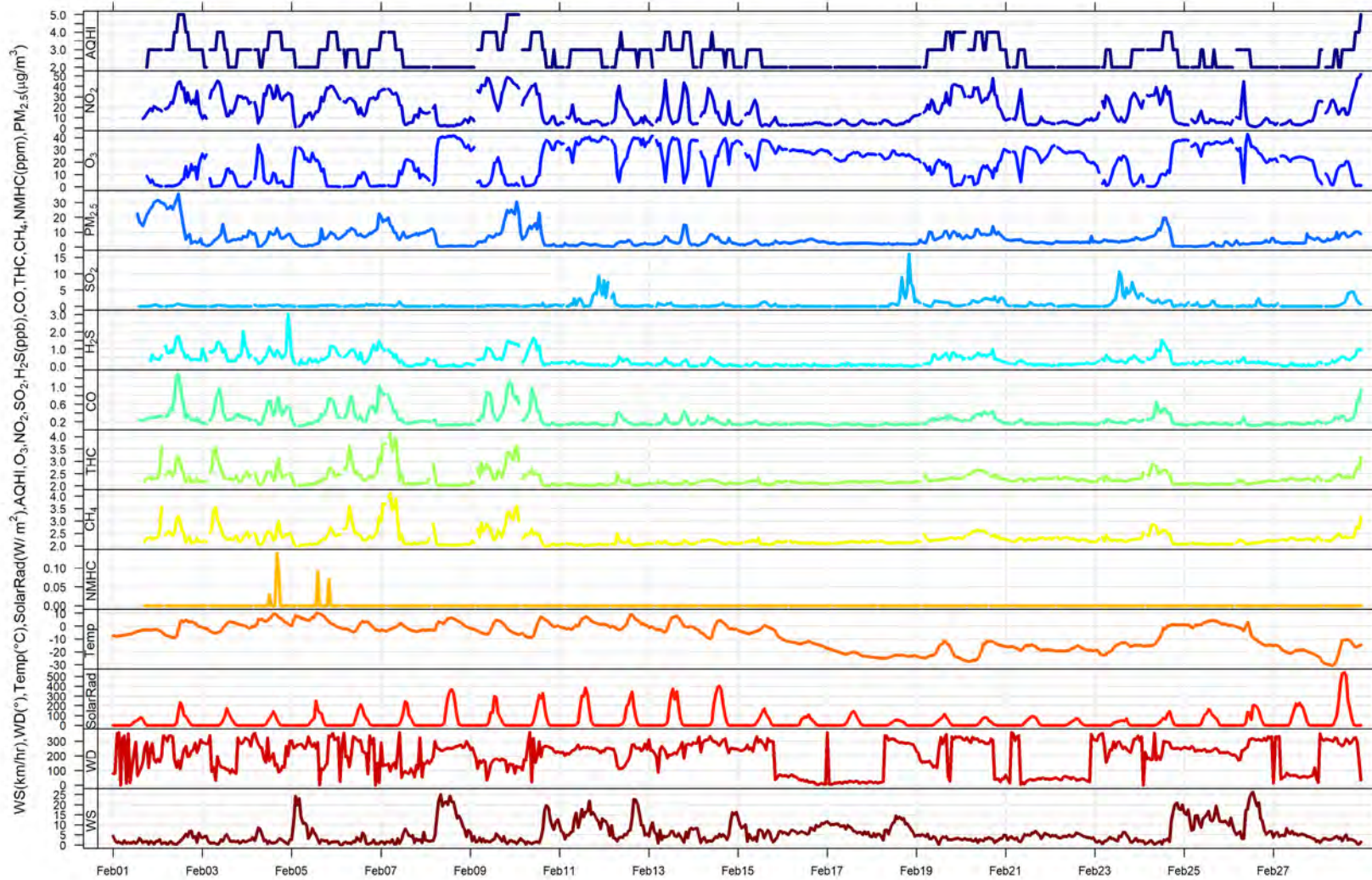


Dunes February 2026 Wind Rose, wind speed in km/hr
Calms (<1km/hr) = 20.7 %

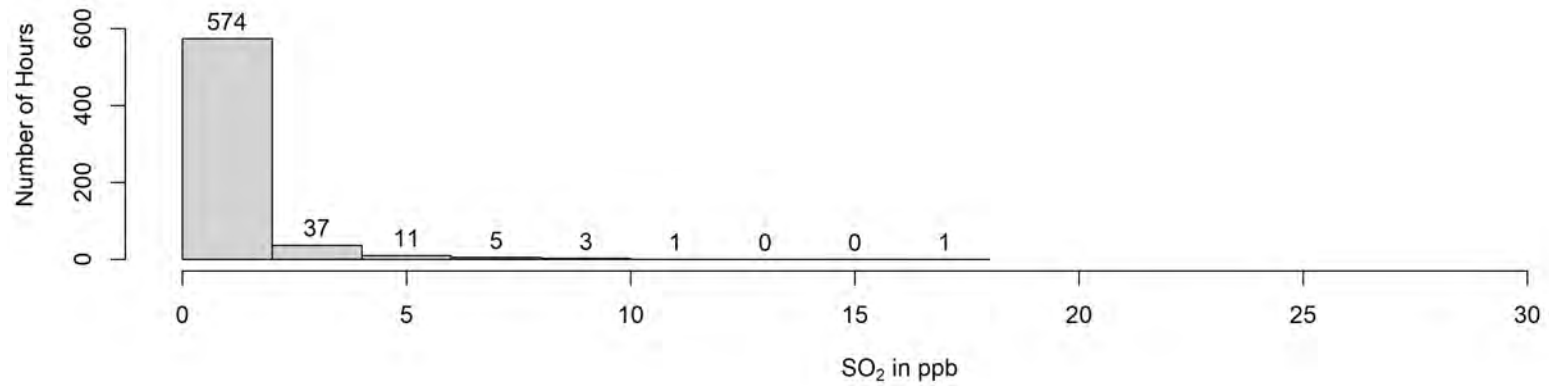
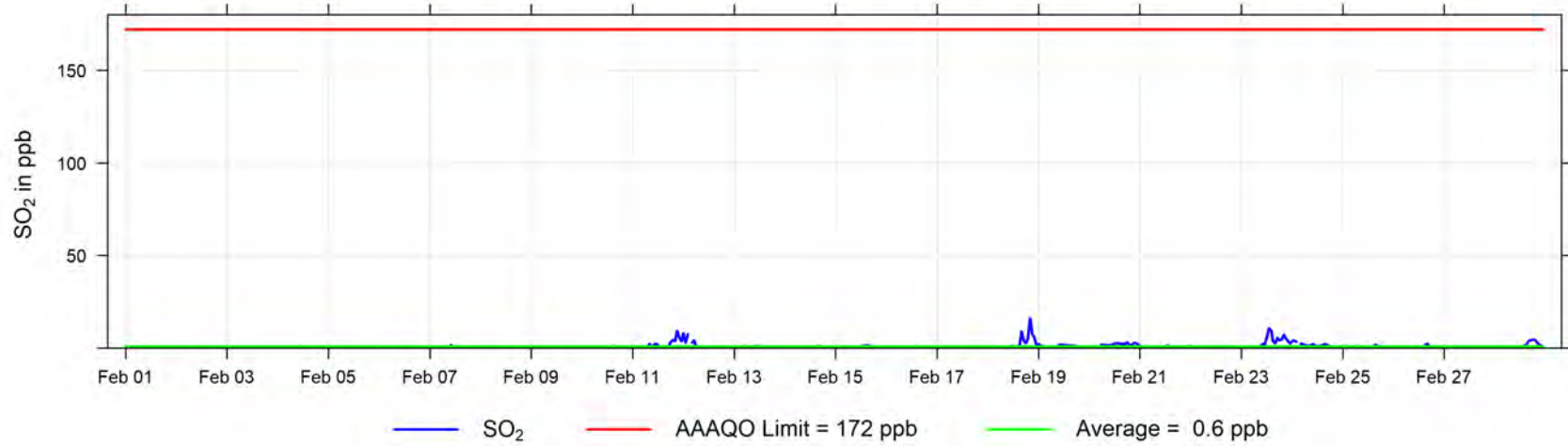
4 Grande Prairie - Henry Pirker Charts

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

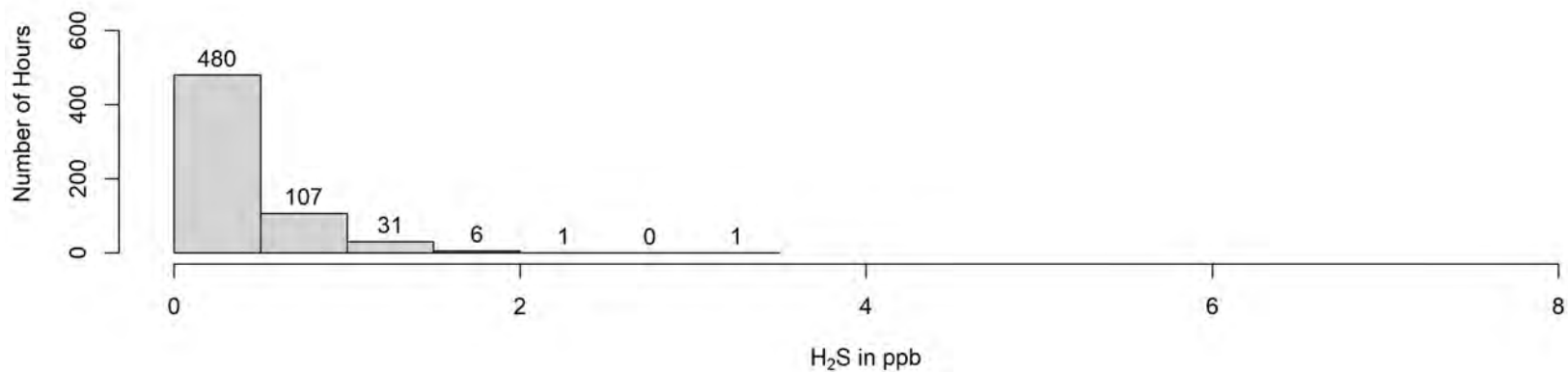
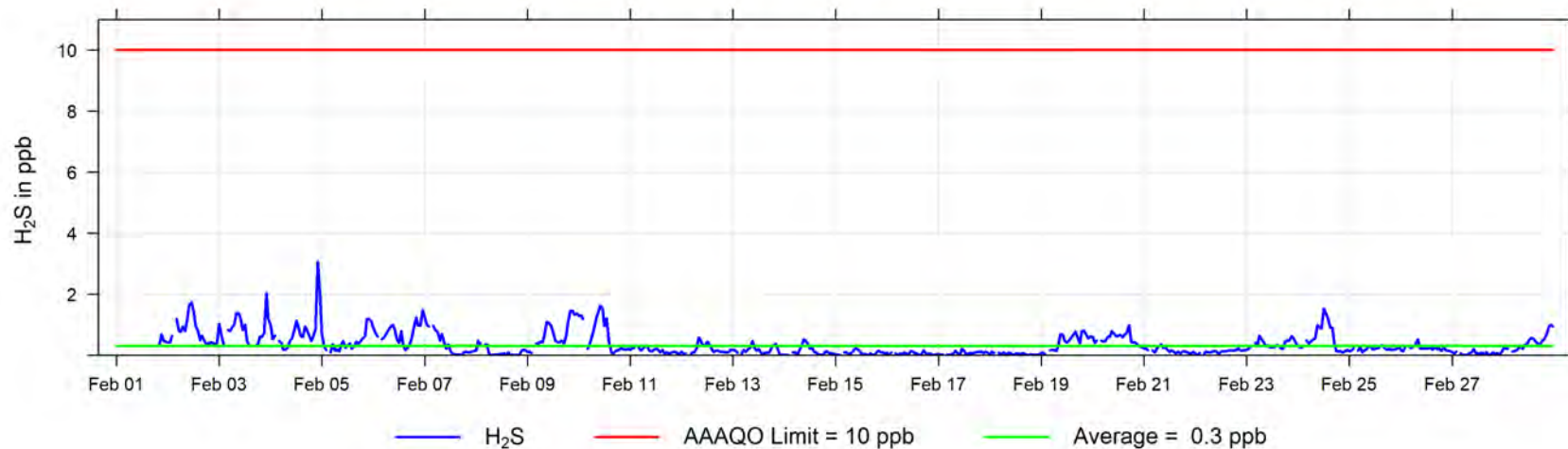
February 2026 Concentration Readings at Henry Pirker Station



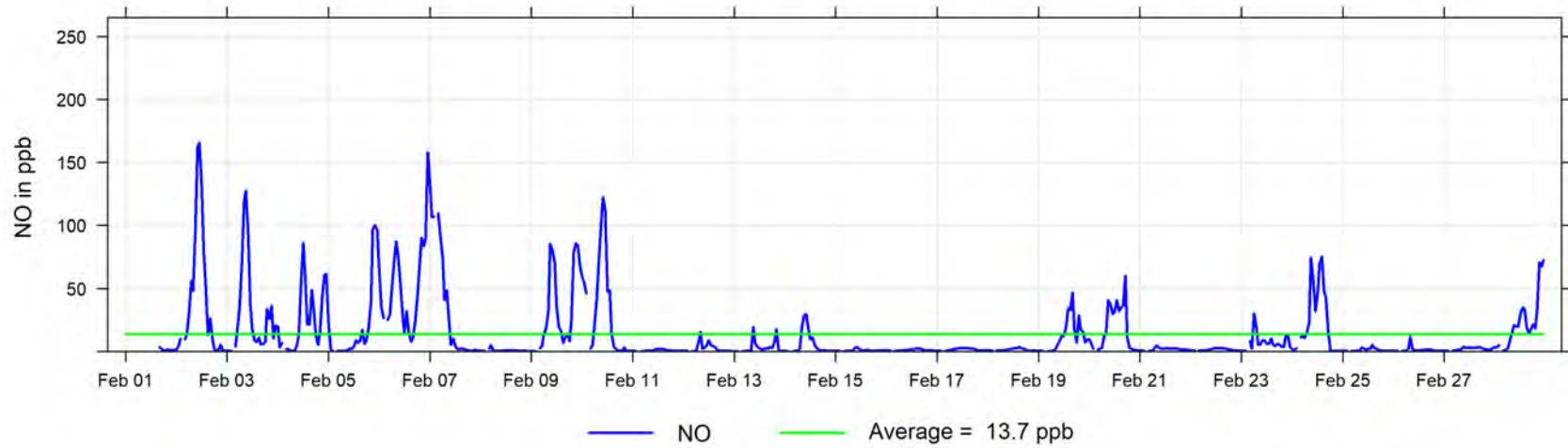
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Henry Pirker



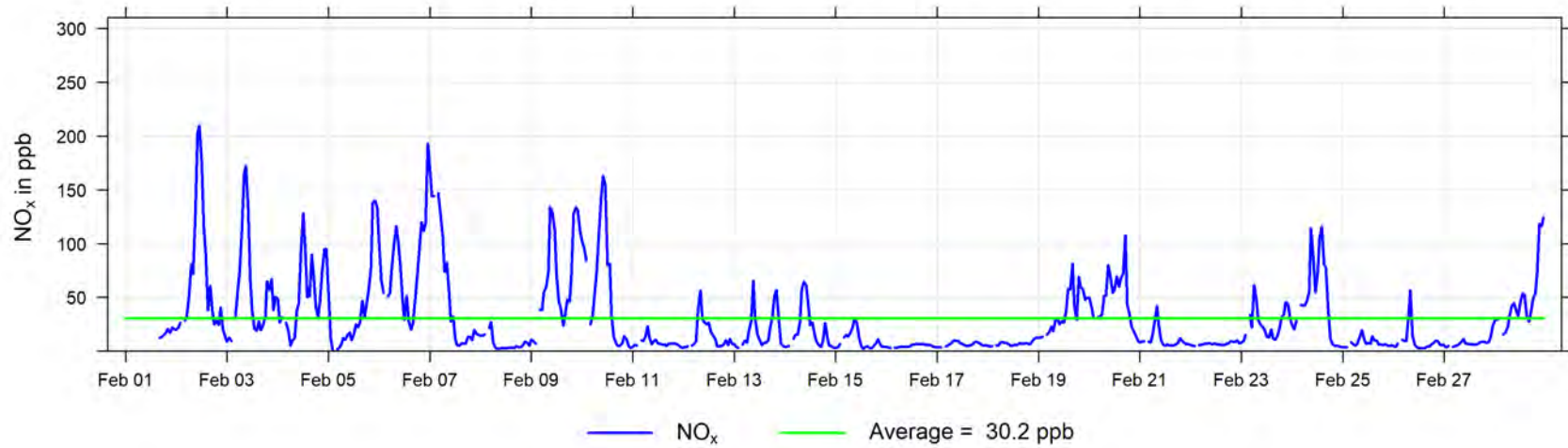
February 2026 Hourly Concentration Readings of H₂S (in ppb) at Henry Pirker



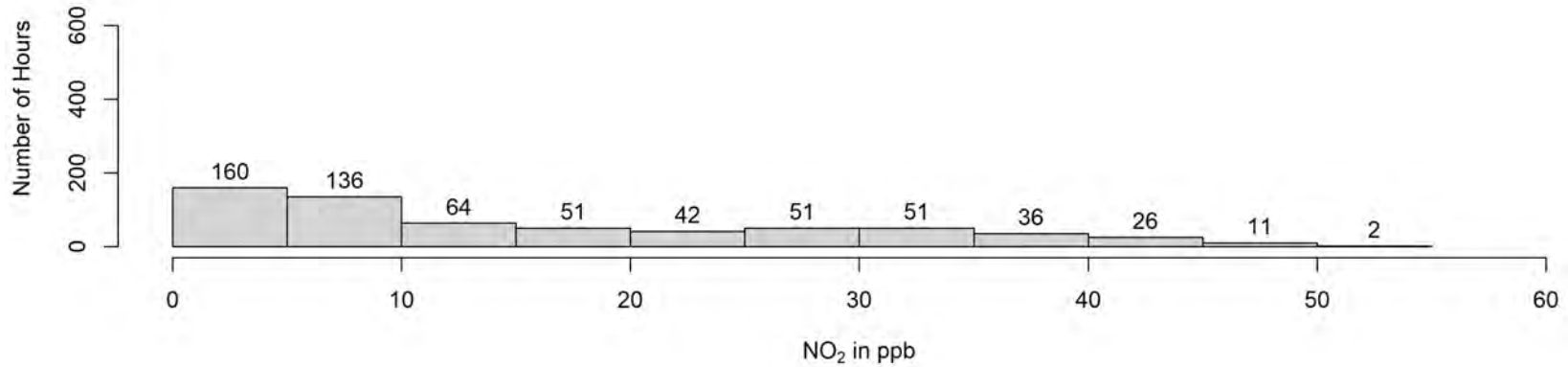
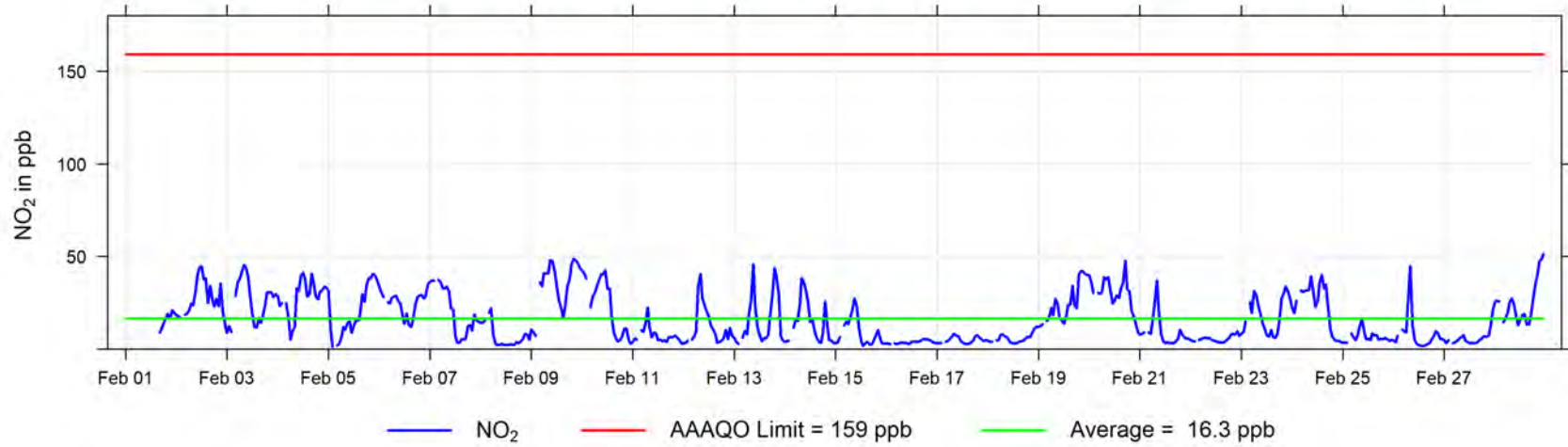
February 2026 Hourly Concentration Readings of NO (in ppb) at Henry Pirker



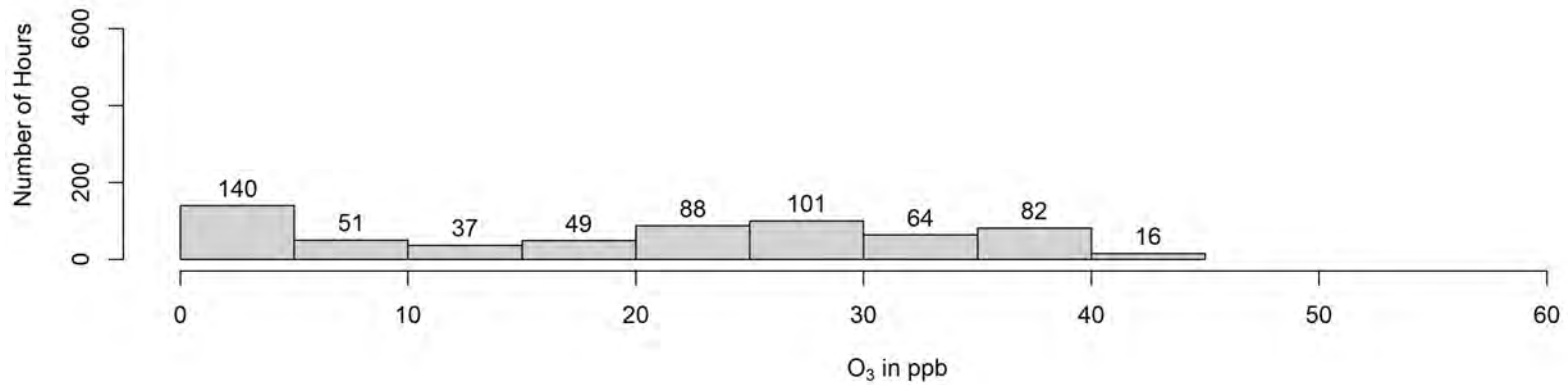
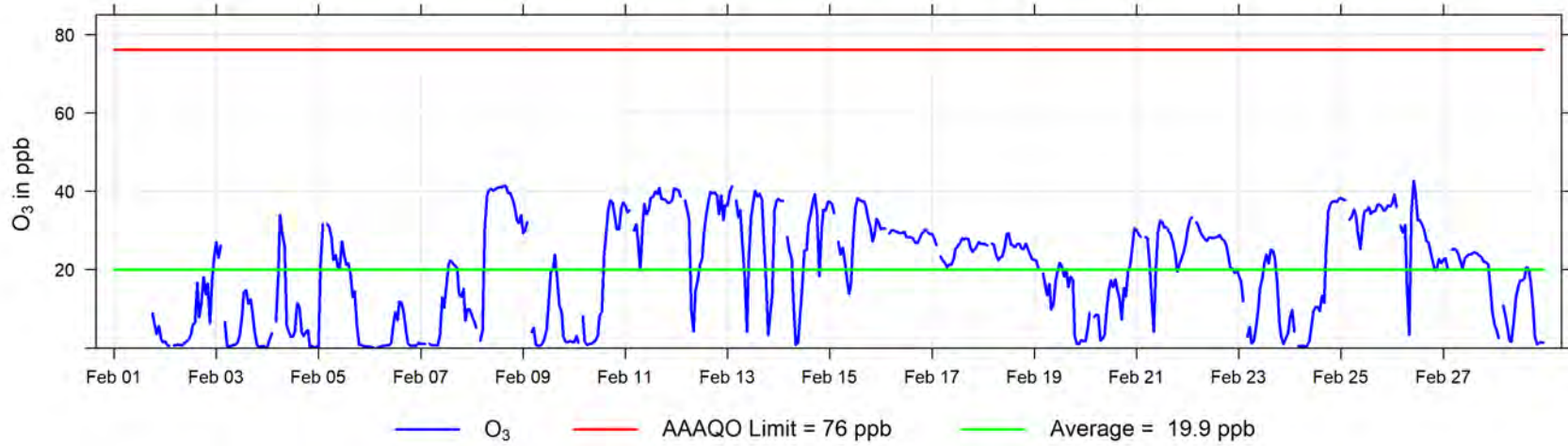
February 2026 Hourly Concentration Readings of NO_x (in ppb) at Henry Pirker



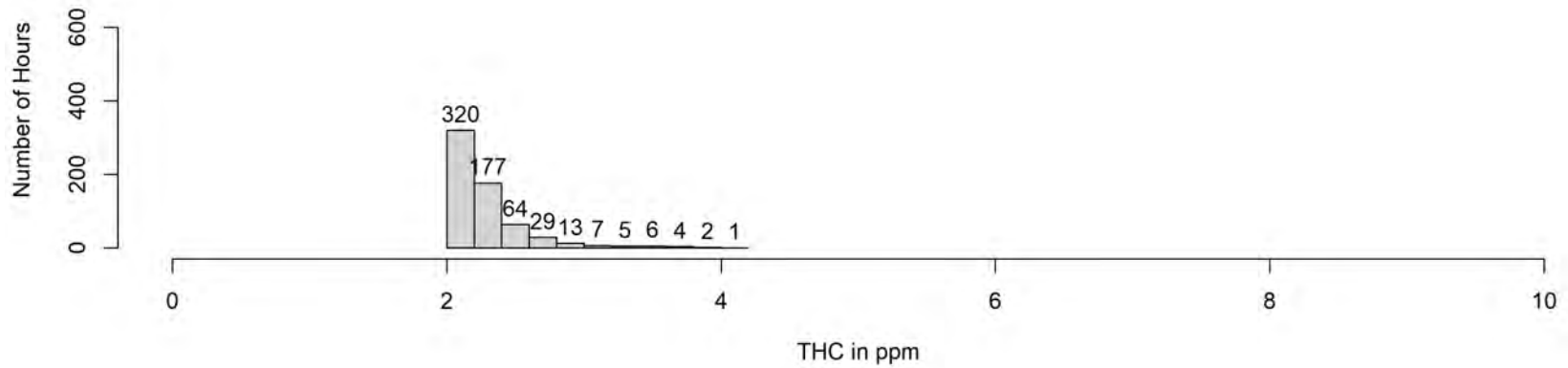
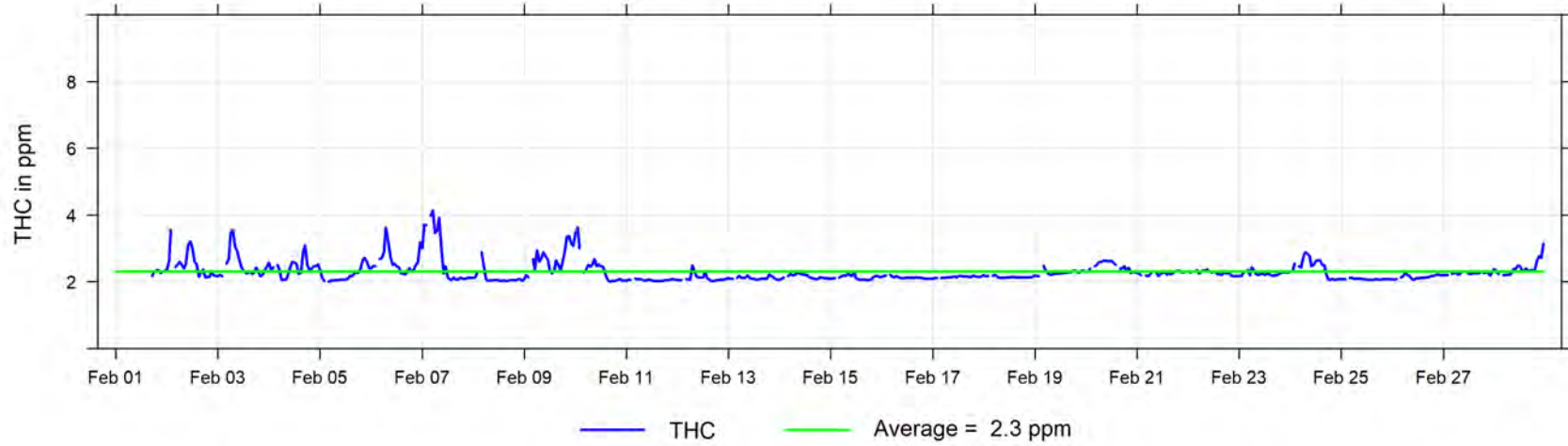
February 2026 Hourly Concentration Readings of NO₂ (in ppb) at Henry Pirker



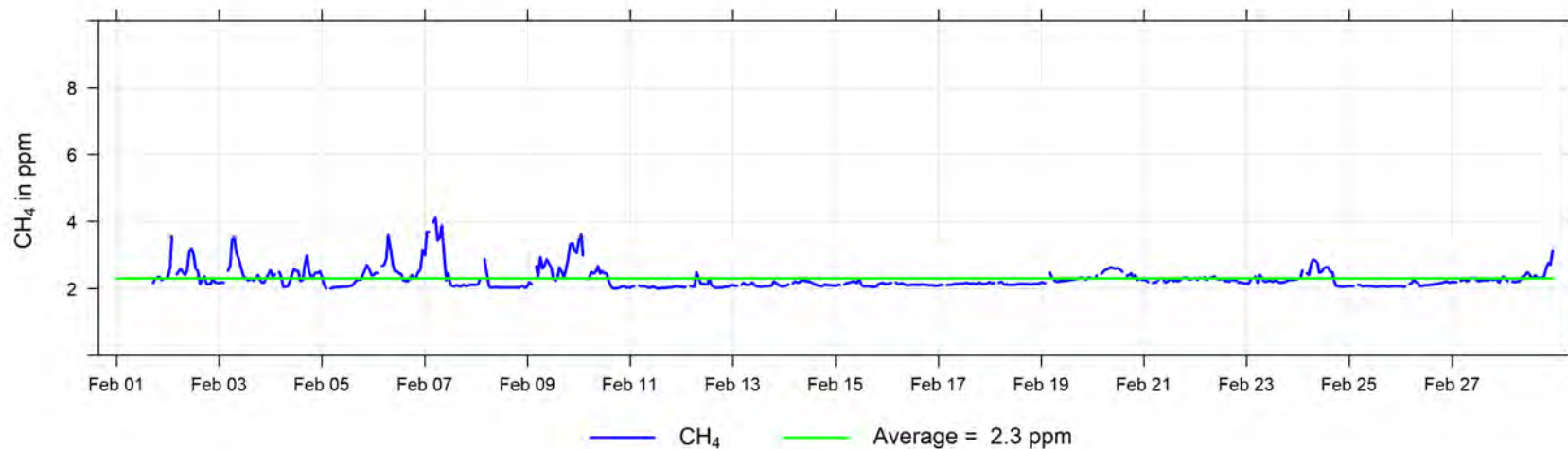
February 2026 Hourly Concentration Readings of O₃ (in ppb) at Henry Pirker



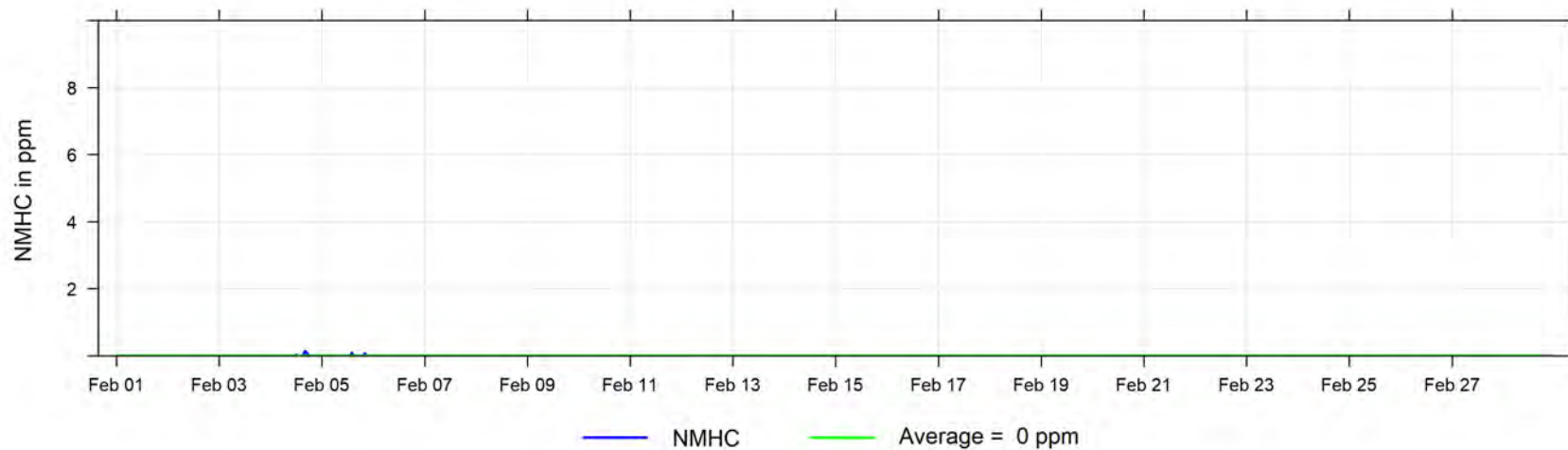
February 2026 Hourly Concentration Readings of THC (in ppm) at Henry Pirker



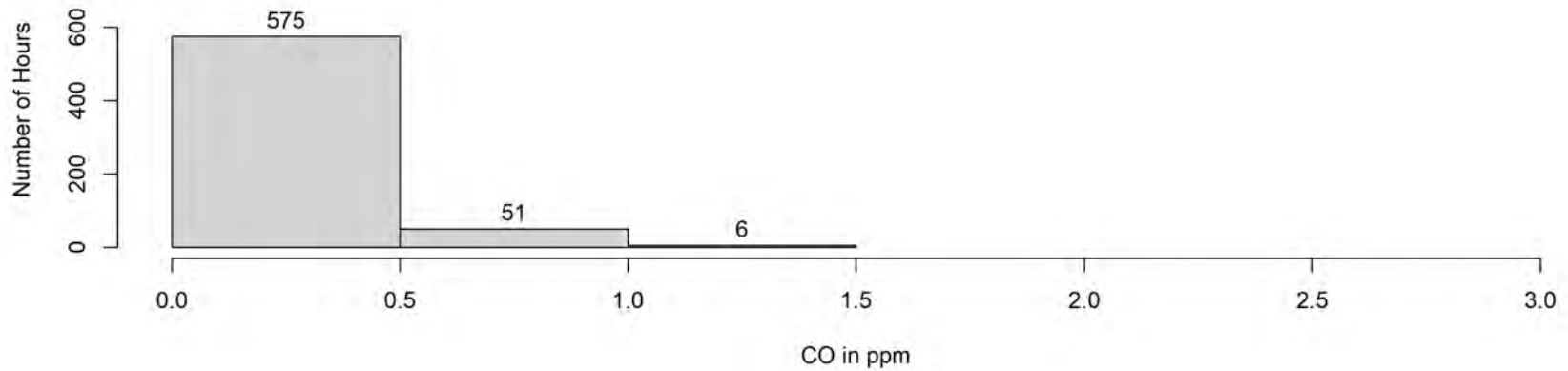
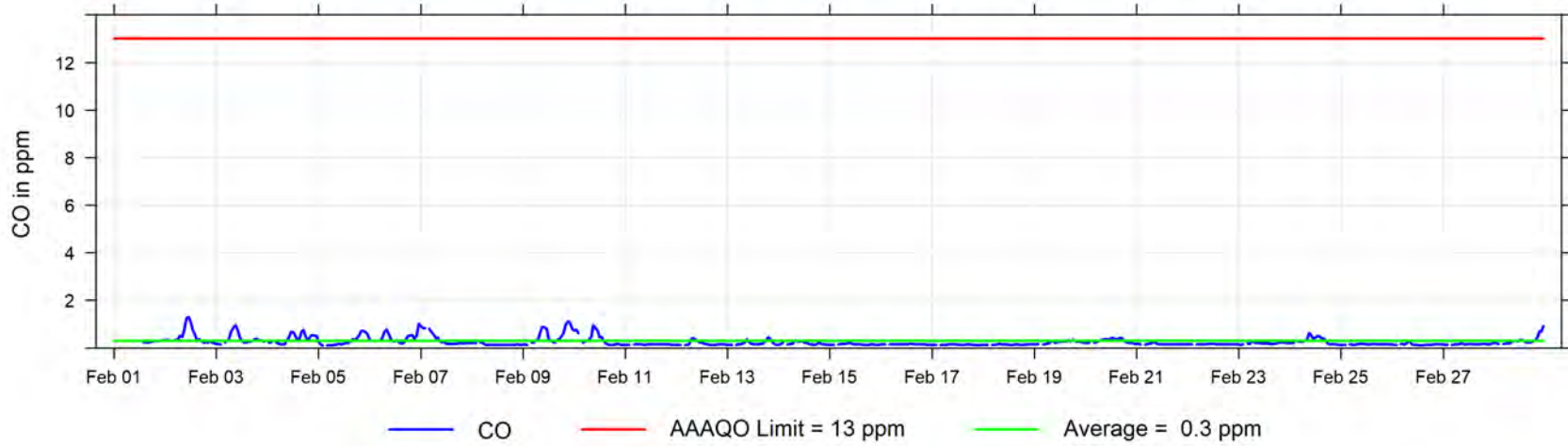
February 2026 Hourly Concentration Readings of CH₄ (in ppm) at Henry Pirker



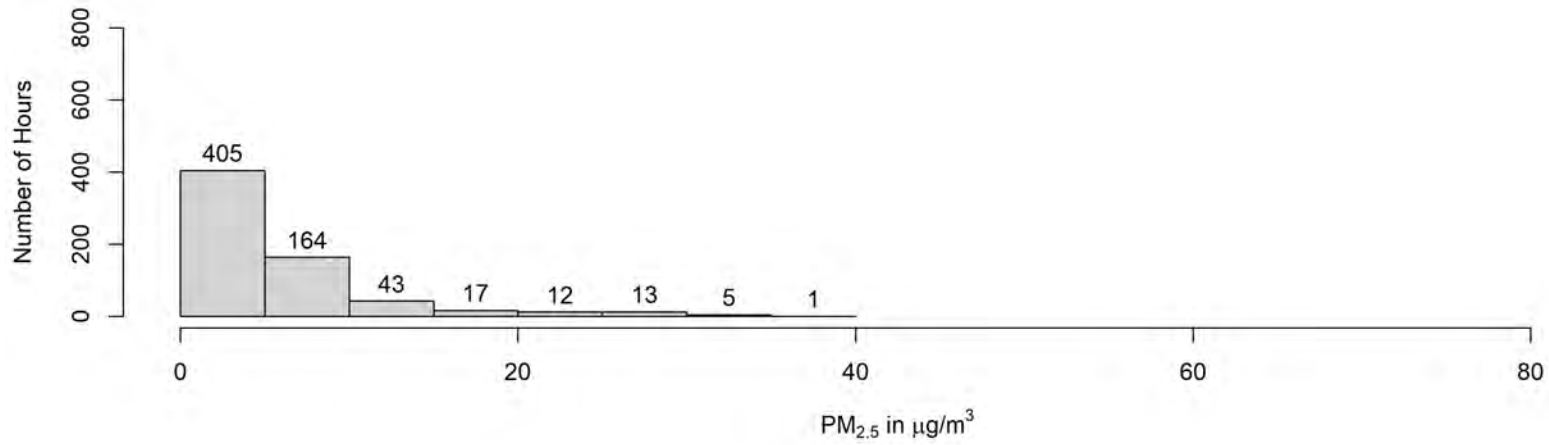
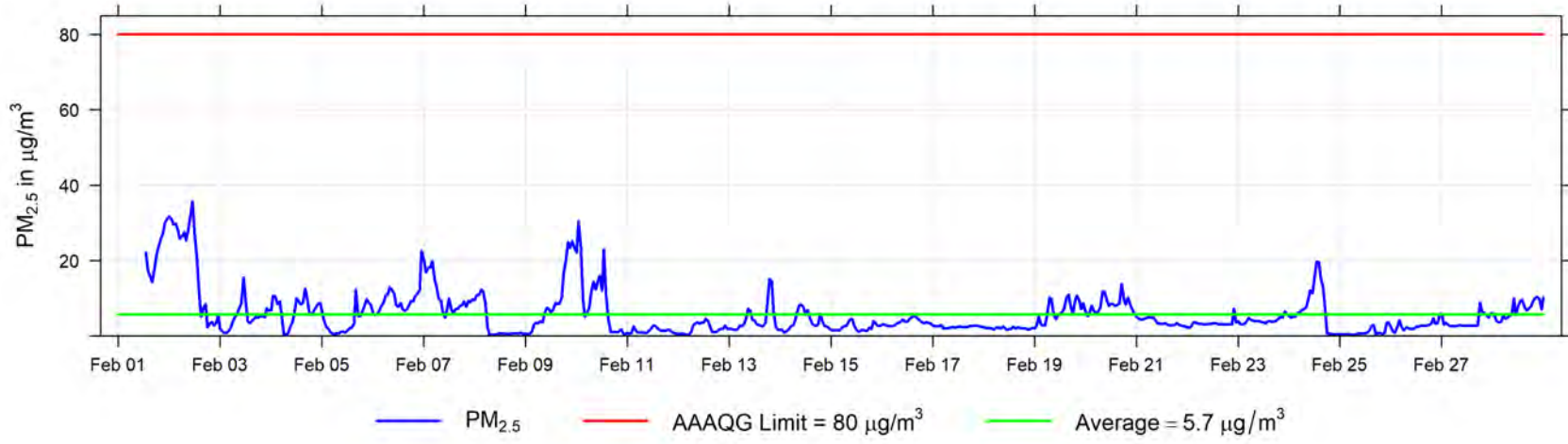
February 2026 Hourly Concentration Readings of NMHC (in ppm) at Henry Pirker



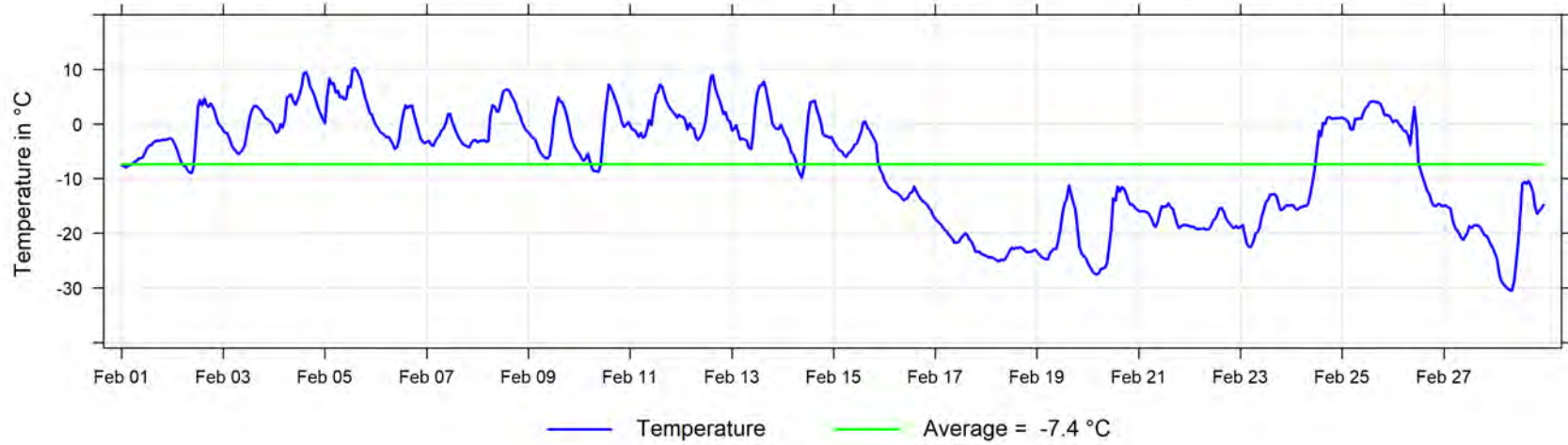
February 2026 Hourly Concentration Readings of CO (in ppm) at Henry Pirker



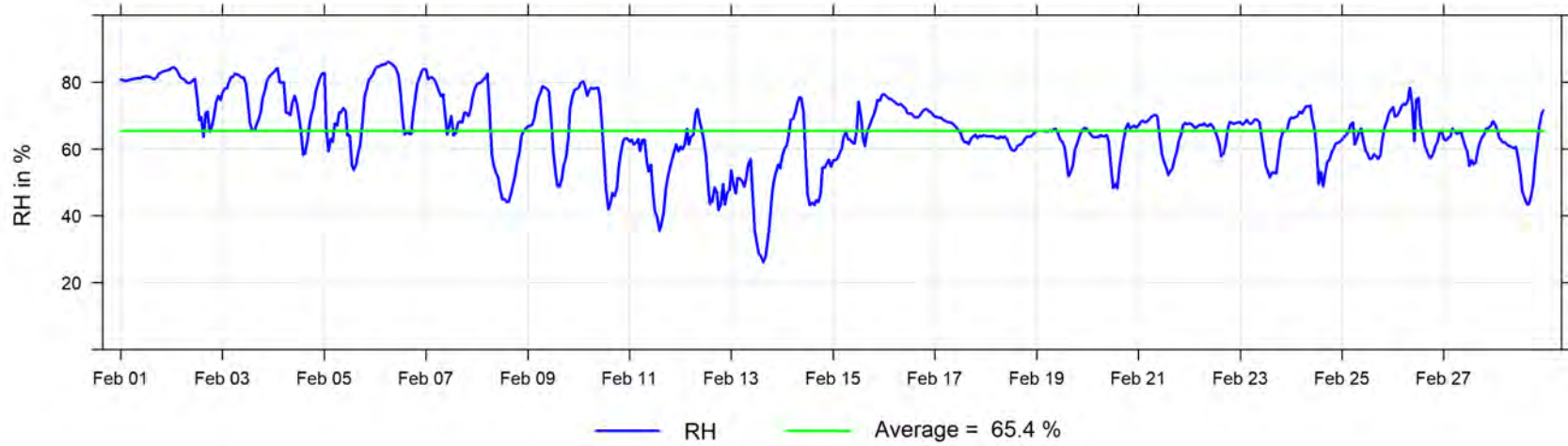
February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Henry Pirker



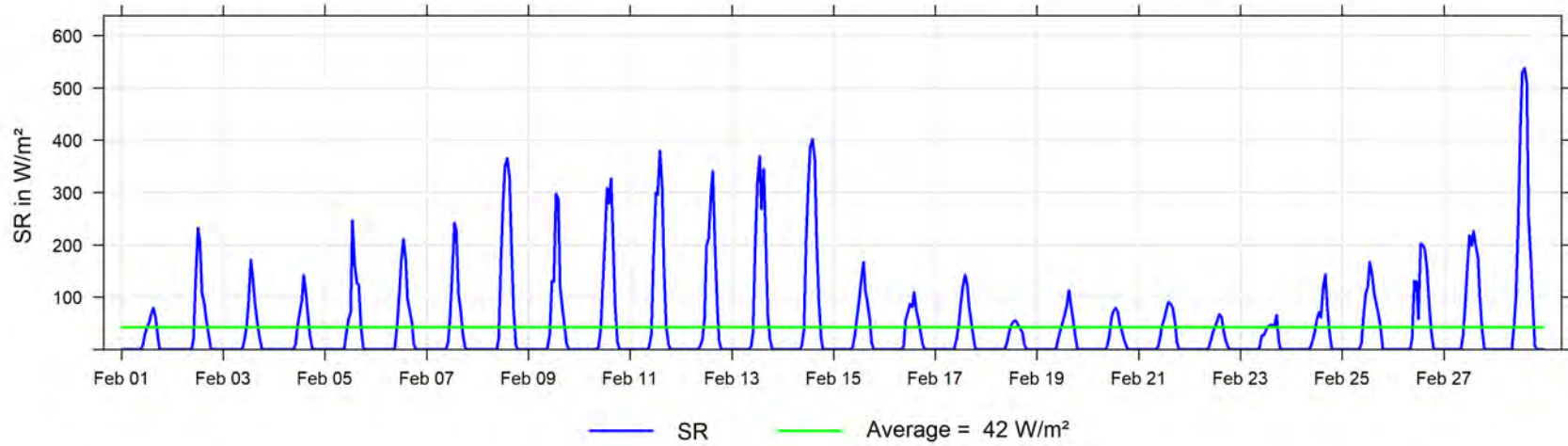
February 2026 Hourly Temperature Readings (in °C) at Henry Pirker



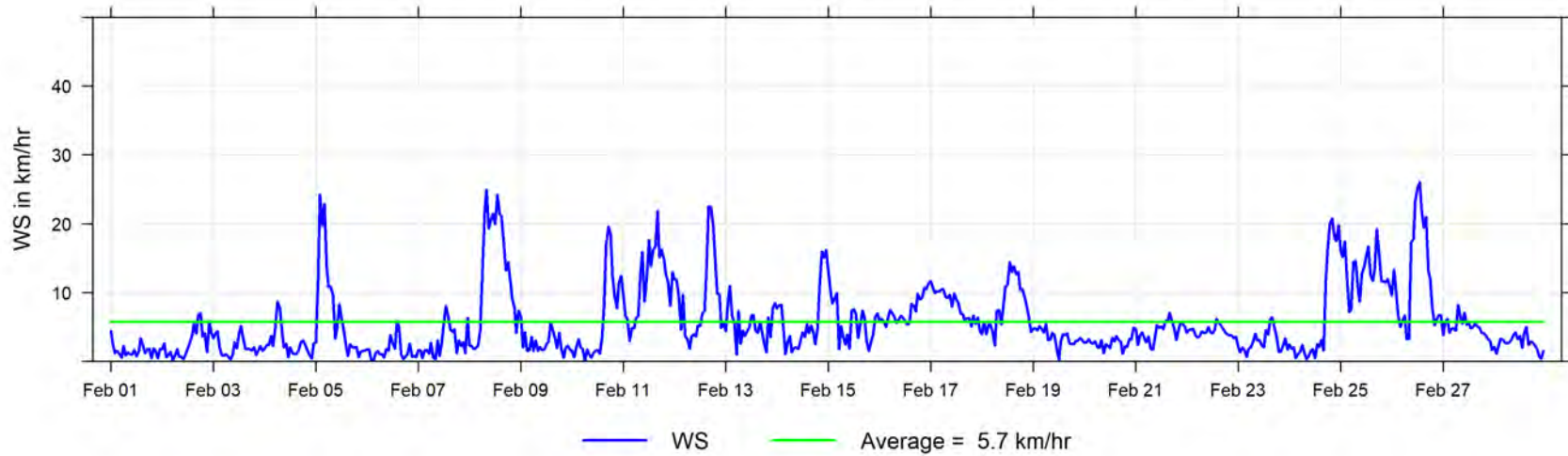
February 2026 Hourly Readings of Relative Humidity (in %) at Henry Pirker



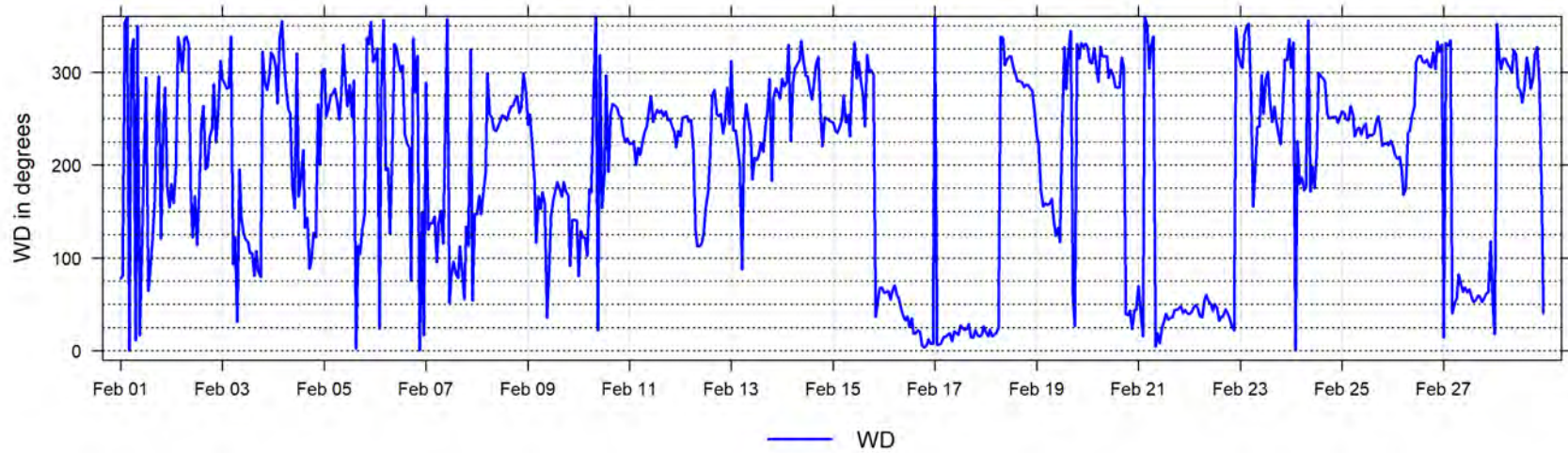
February 2026 Hourly Readings of Solar Radiation (in W/m²) at Henry Pirker



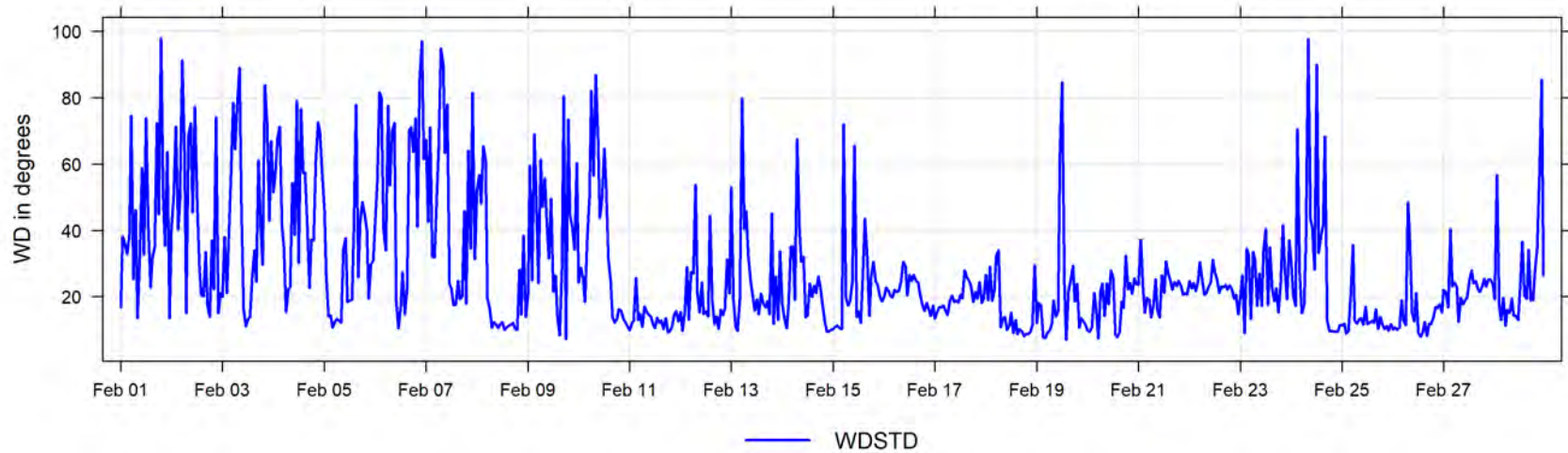
February 2026 Hourly Readings of Wind Speed (in km/hr) at Henry Pirker

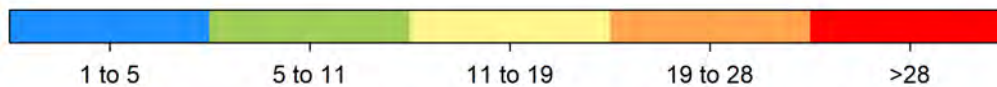
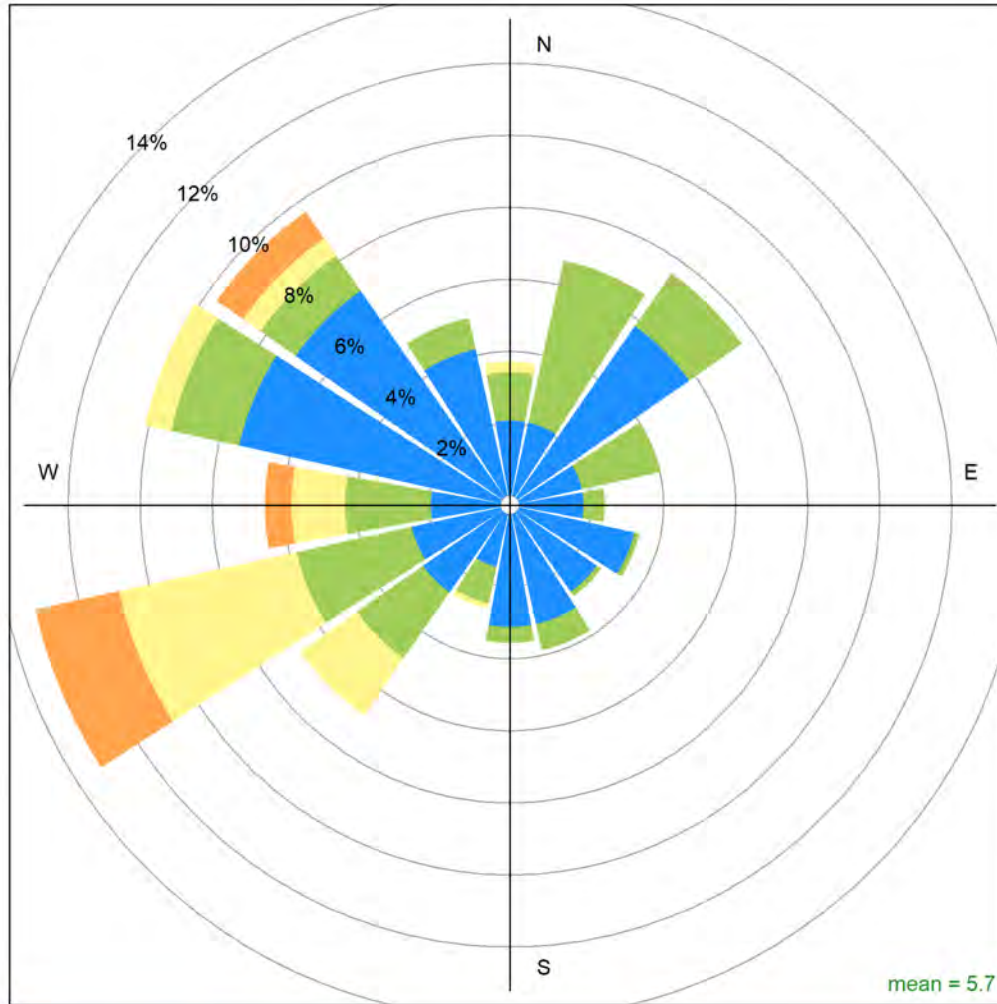


February 2026 Hourly Readings of Wind Direction (in degrees) at Henry Pirker



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





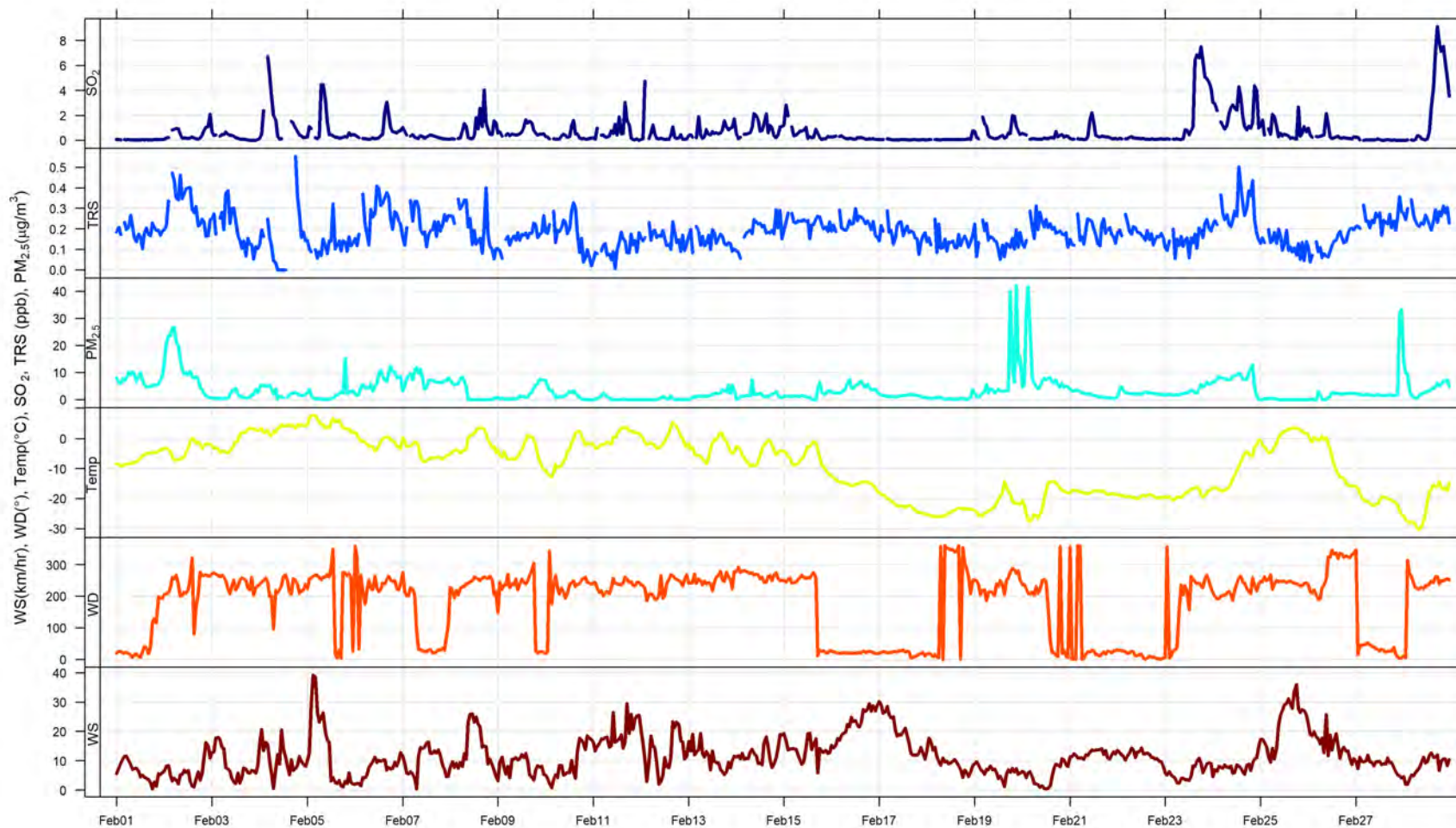
Henry Pirker February 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 7.9 %

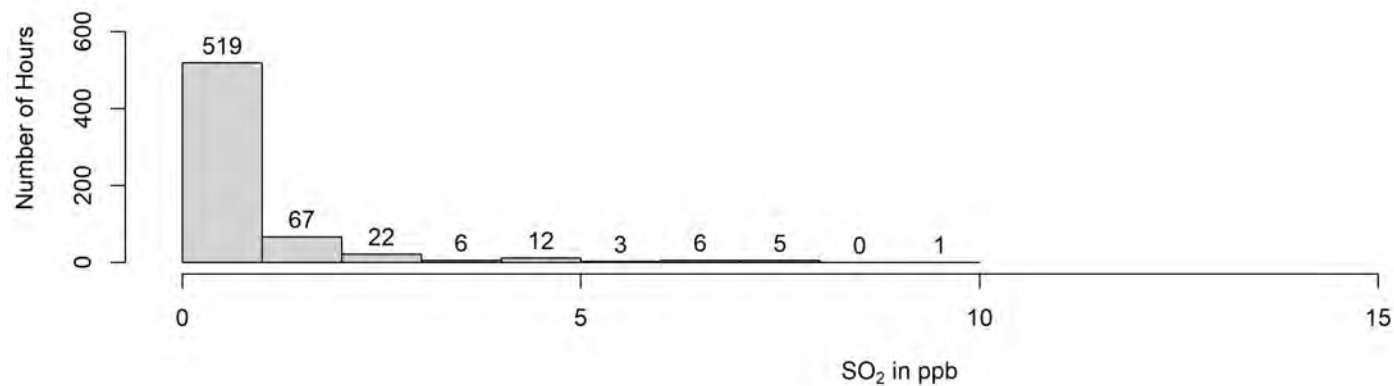
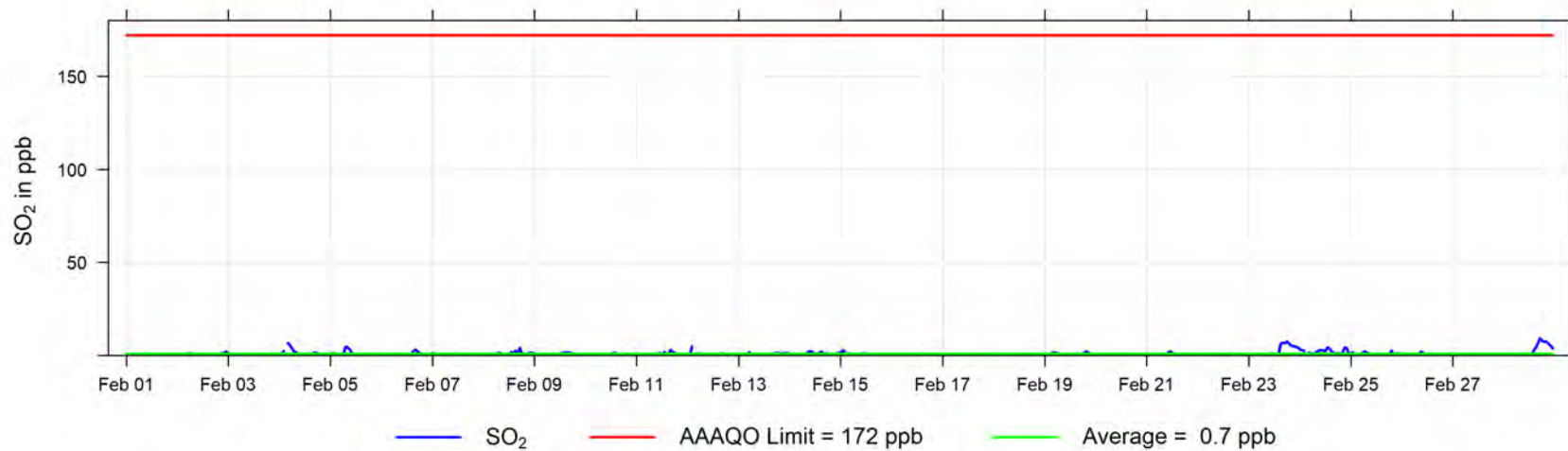
5 Smoky Heights Charts

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

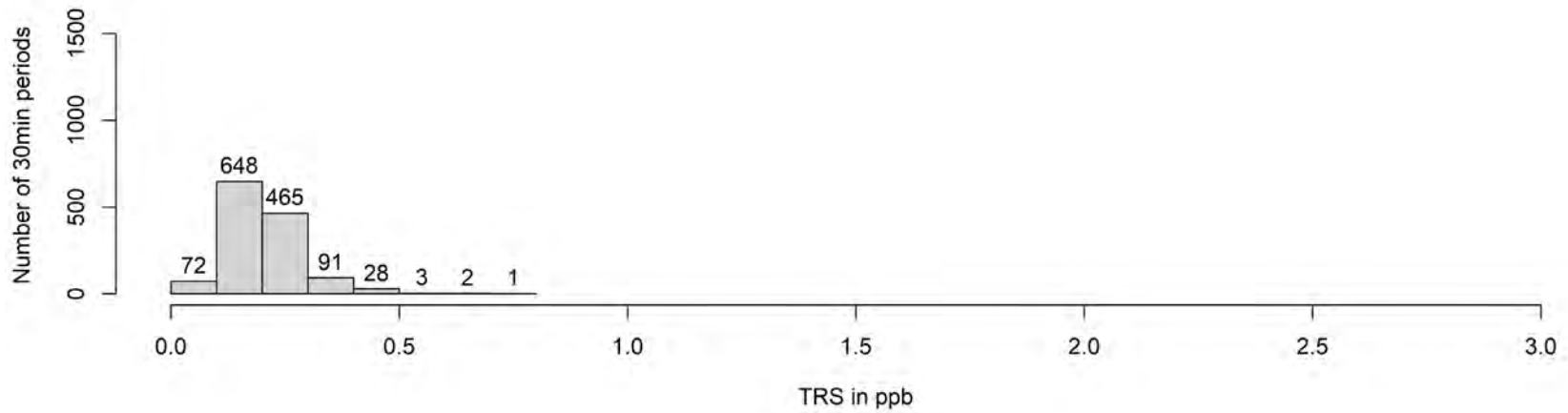
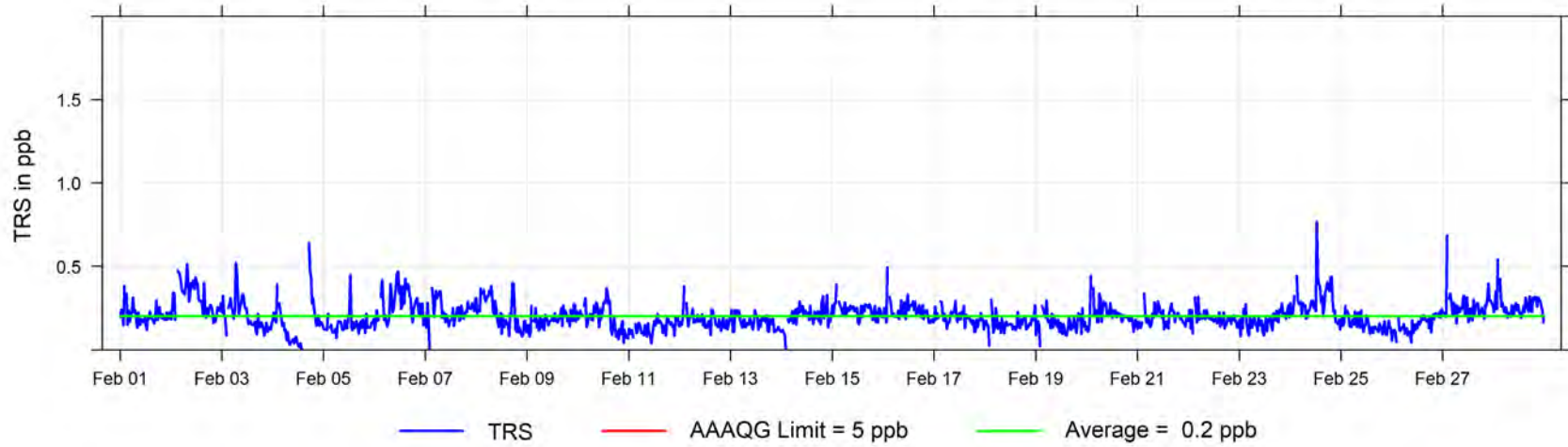
February 2026 Concentration Readings at Smoky Heights Station



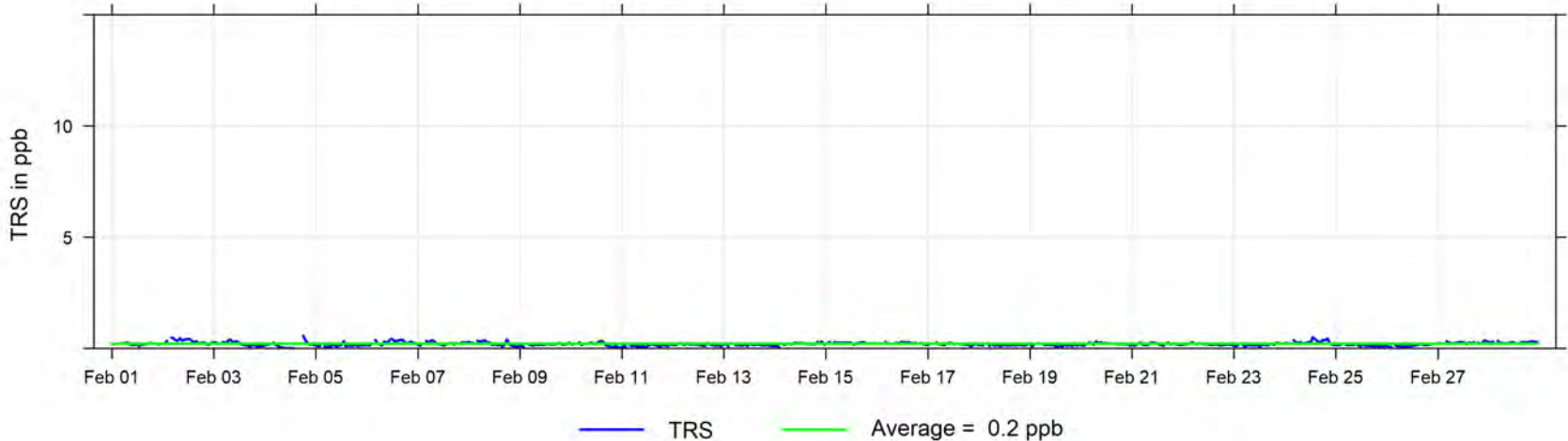
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Smoky Heights



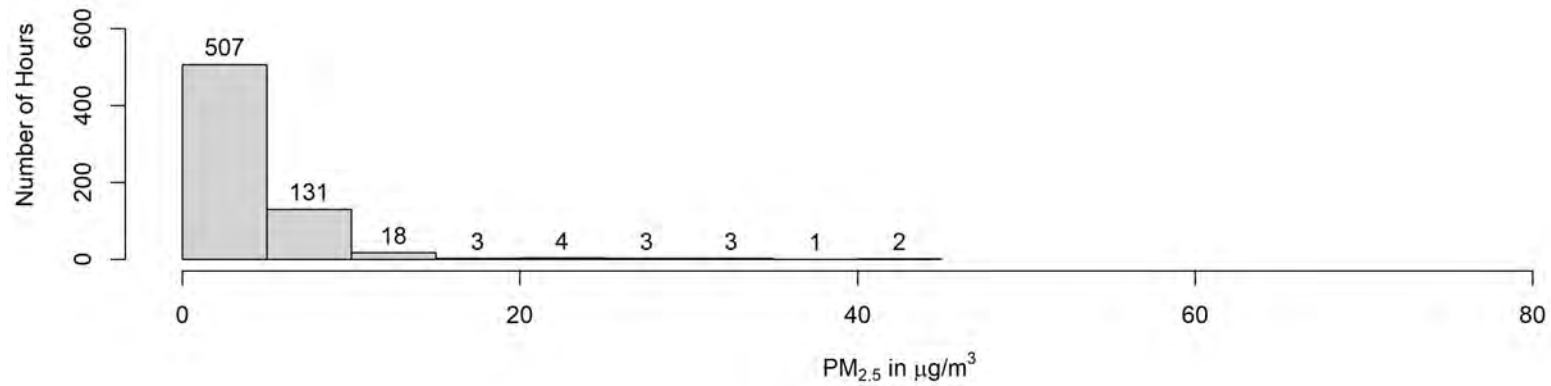
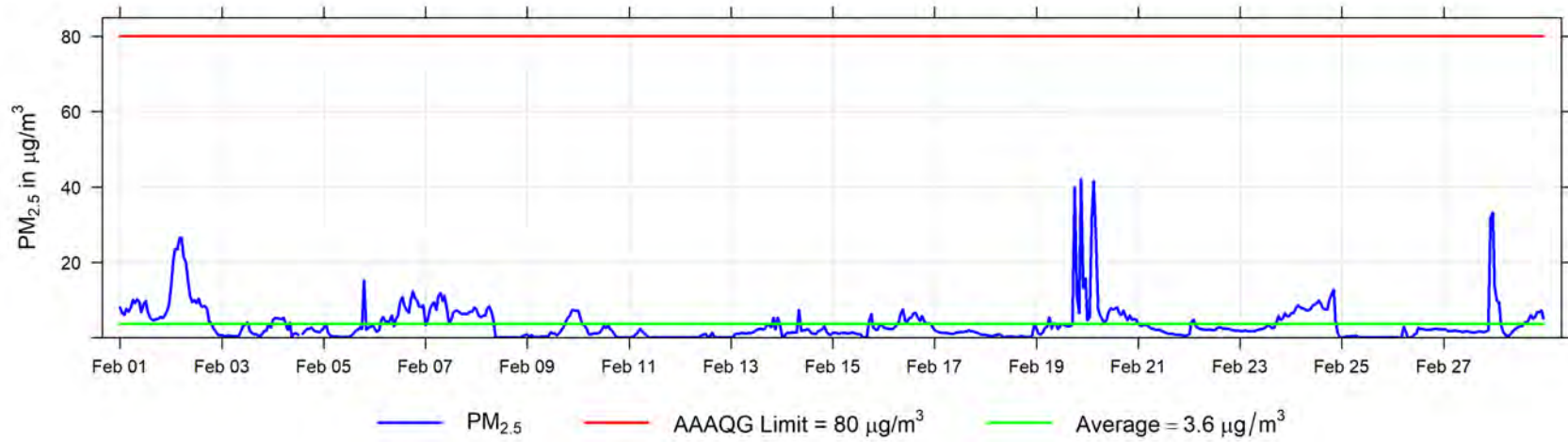
February 2026 30 min Concentration Readings of TRS (in ppb) at Smoky Heights



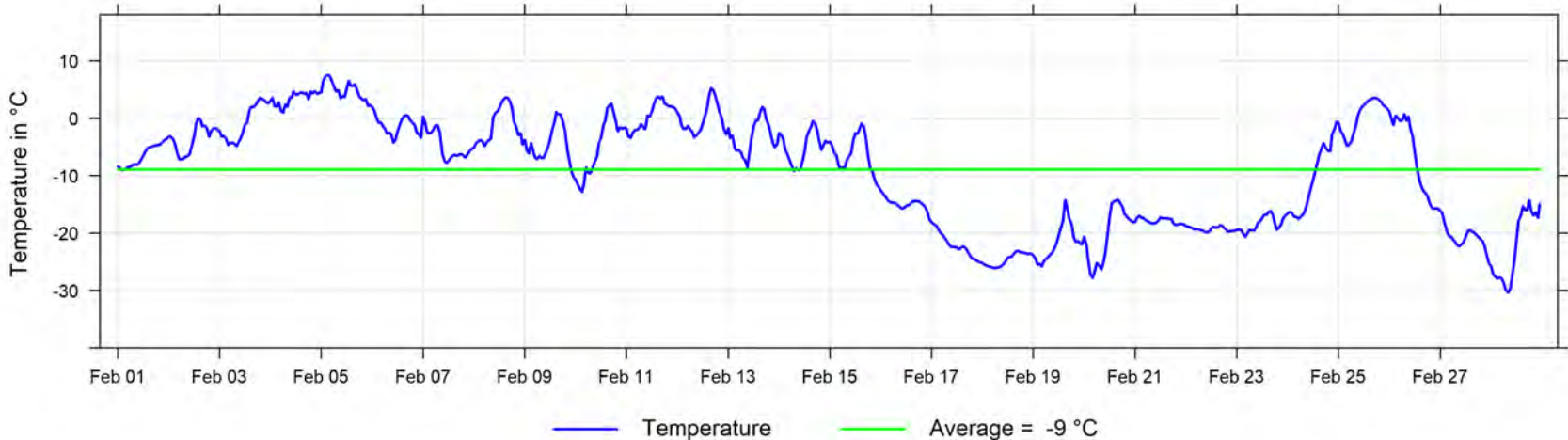
February 2026 Hourly Concentration Readings of TRS (in ppb) at Smoky Heights



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



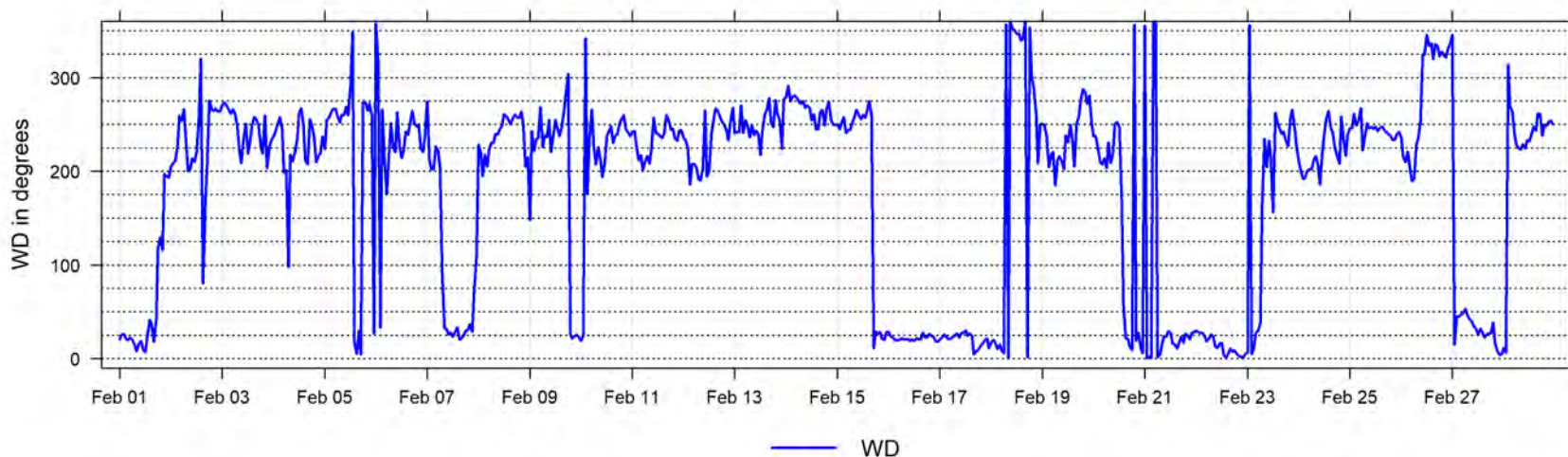
February 2026 Hourly Temperature Readings (in °C) at Smoky Heights



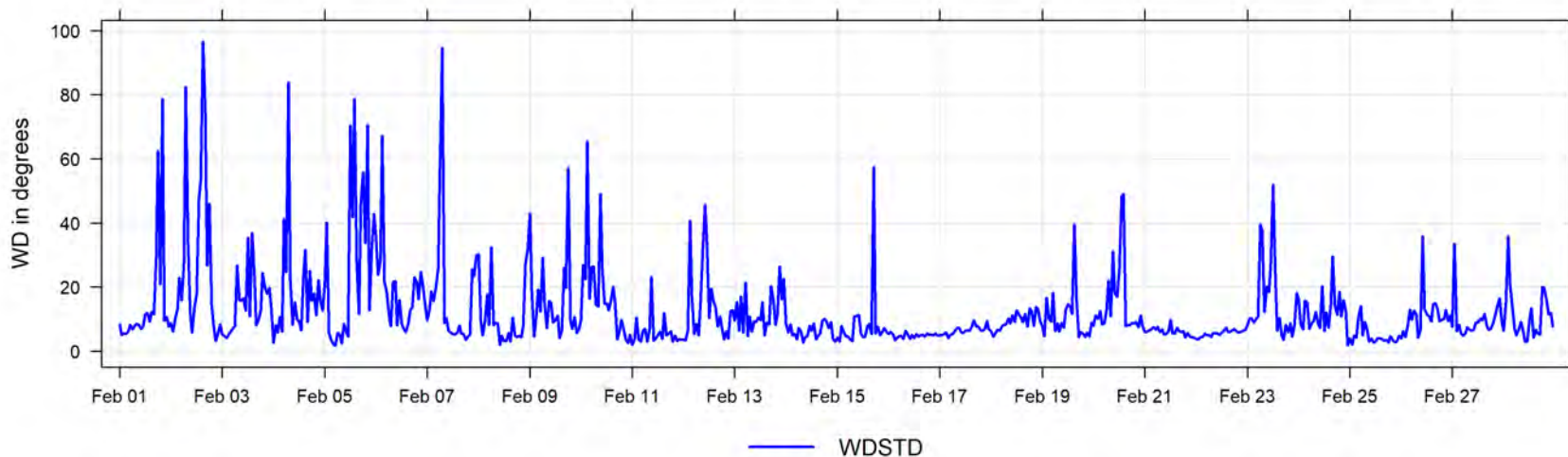
February 2026 Hourly Readings of Wind Speed (in km/hr) at Smoky Heights

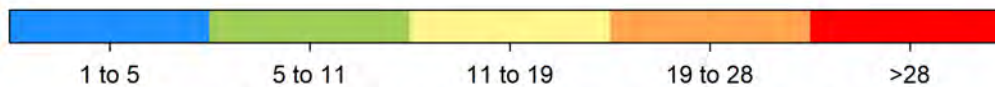
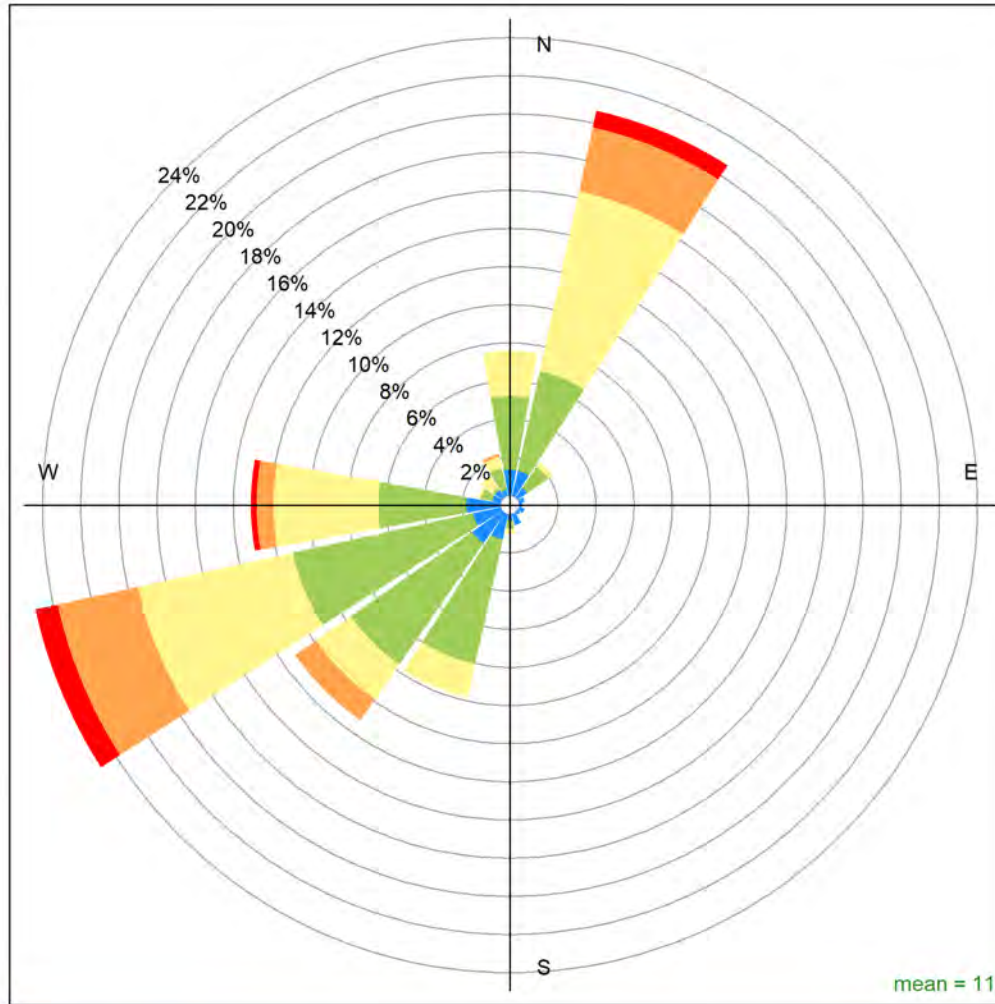


February 2026 Hourly Readings of Wind Direction (in degrees) at Smoky Heights



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



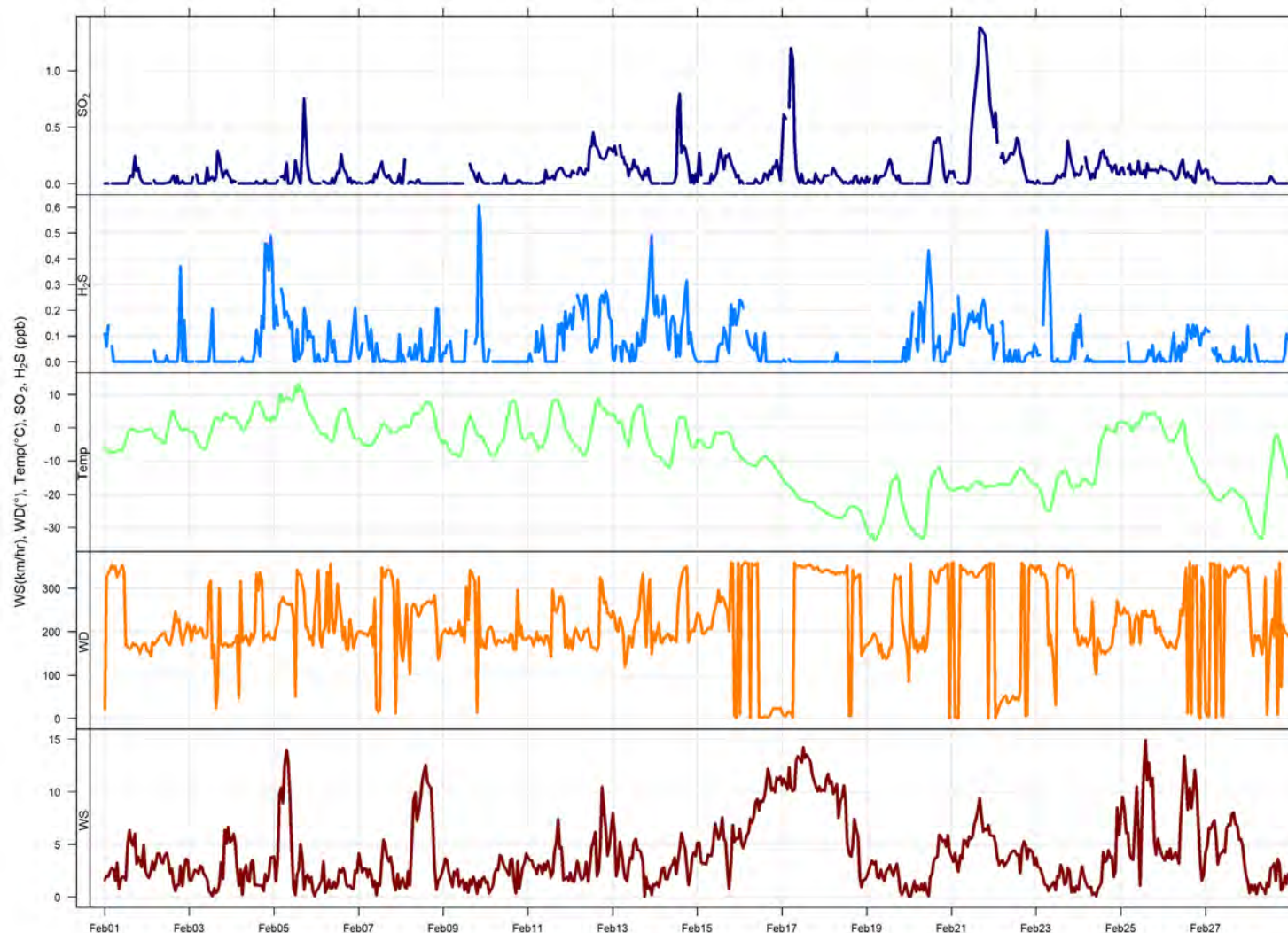


Smoky Heights February 2026 Wind Rose, wind speed in km/hr
Calms (<1km/hr) = 1.2 %

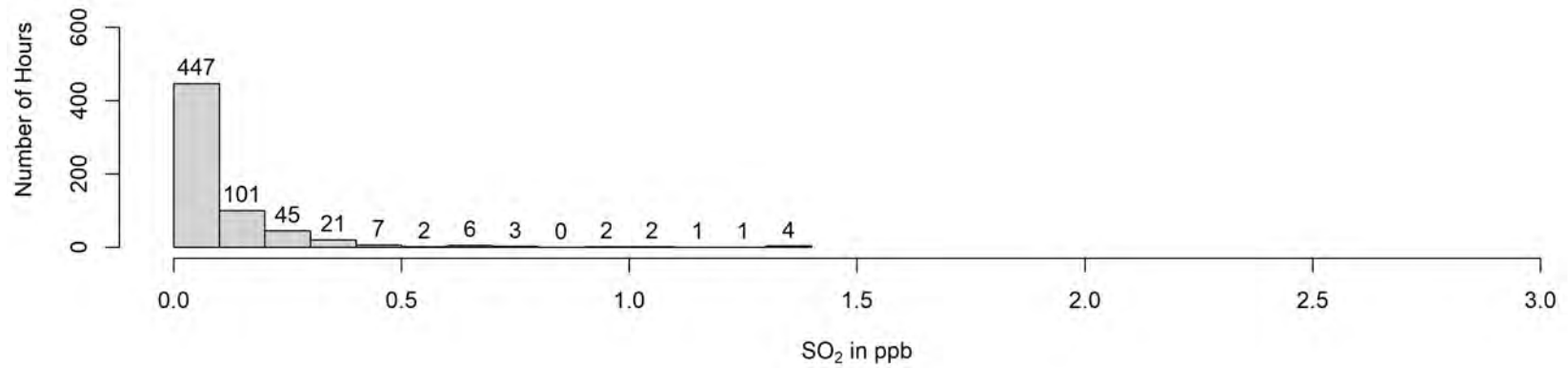
6 Valleyview Charts

The following pages include the charts and histograms for Valleyview Station

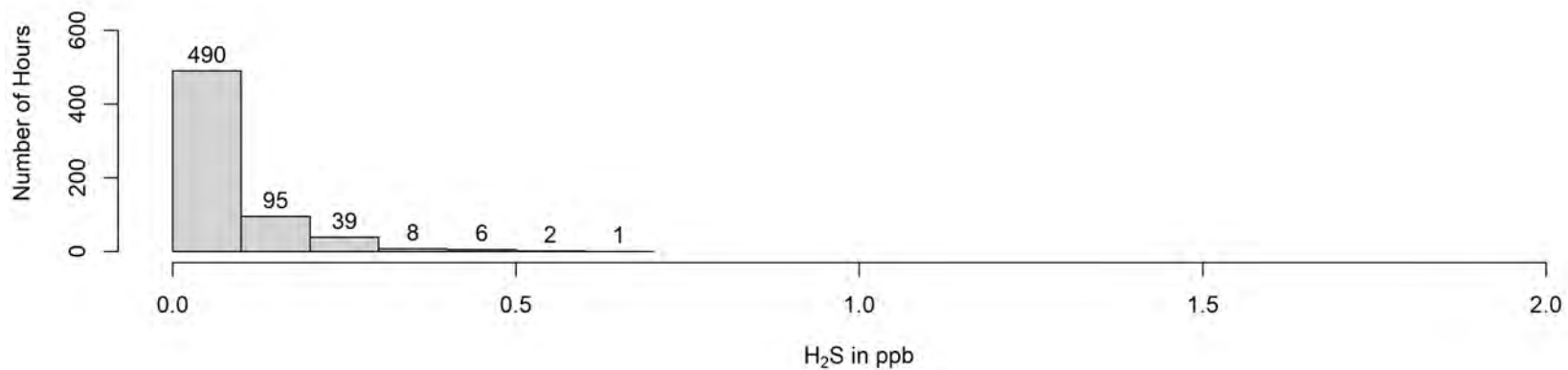
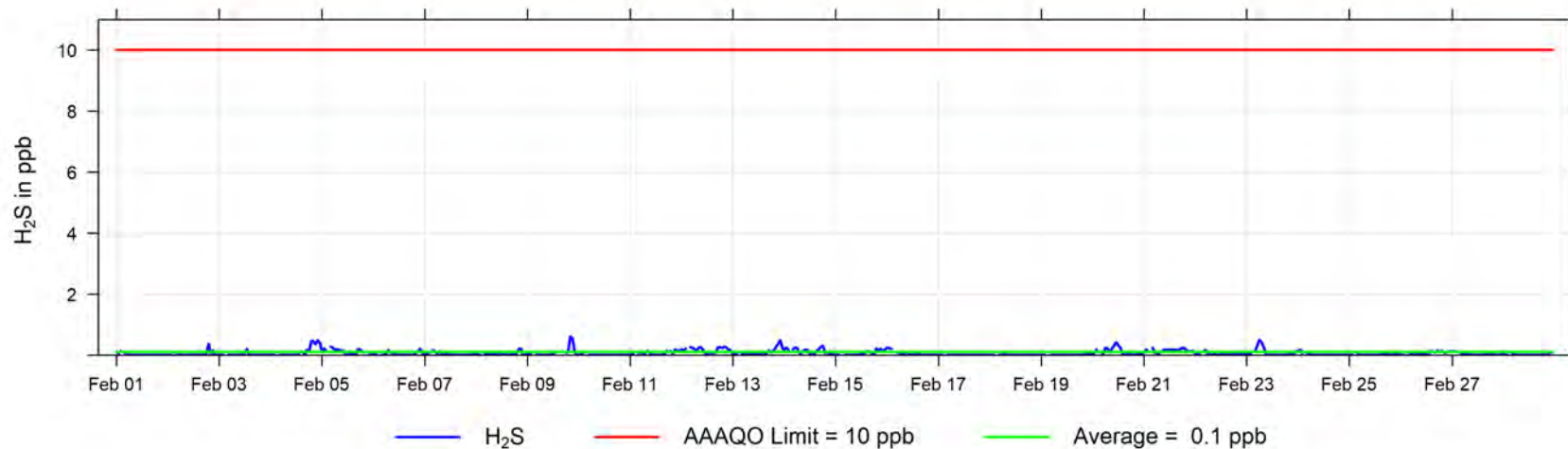
February 2026 Concentration Readings at Valleyview Station



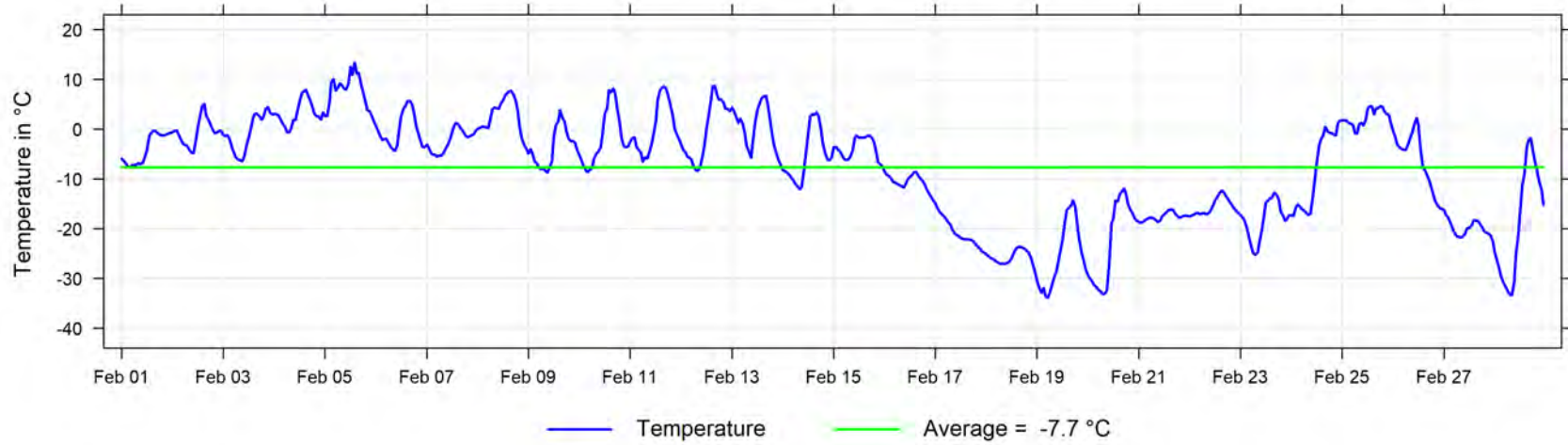
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Valleyview



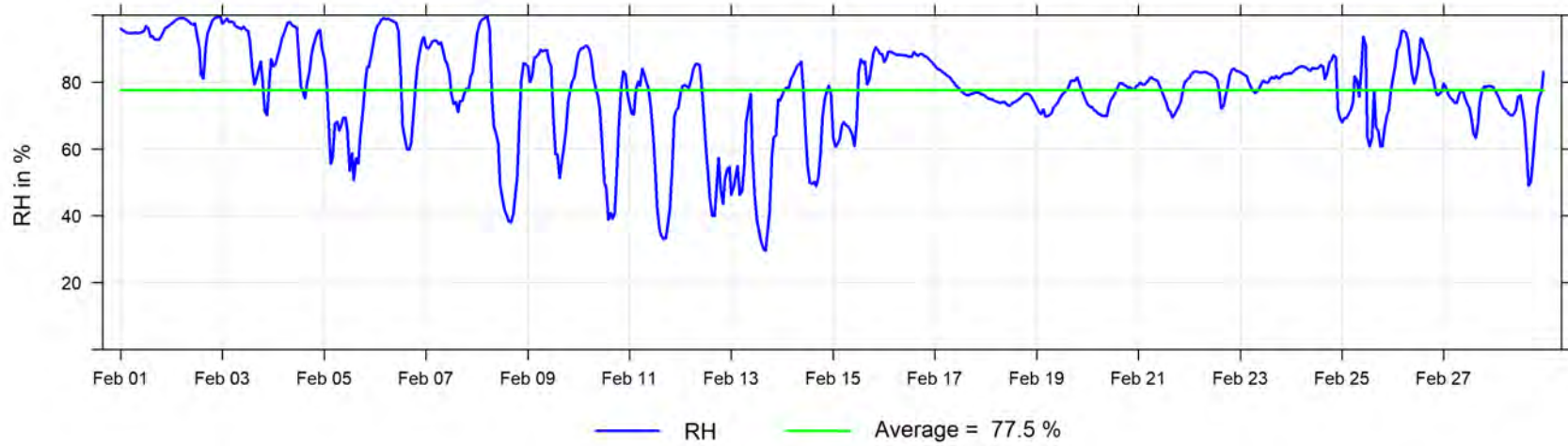
February 2026 Hourly Concentration Readings of H₂S (in ppb) at Valleyview



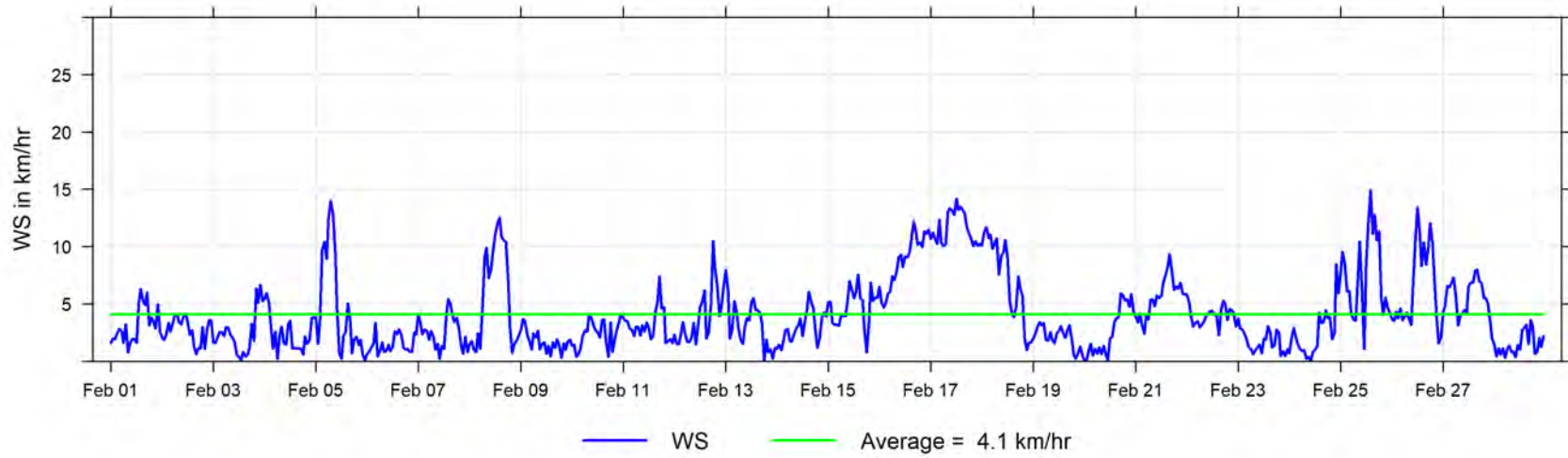
February 2026 Hourly Temperature Readings (in °C) at Valleyview



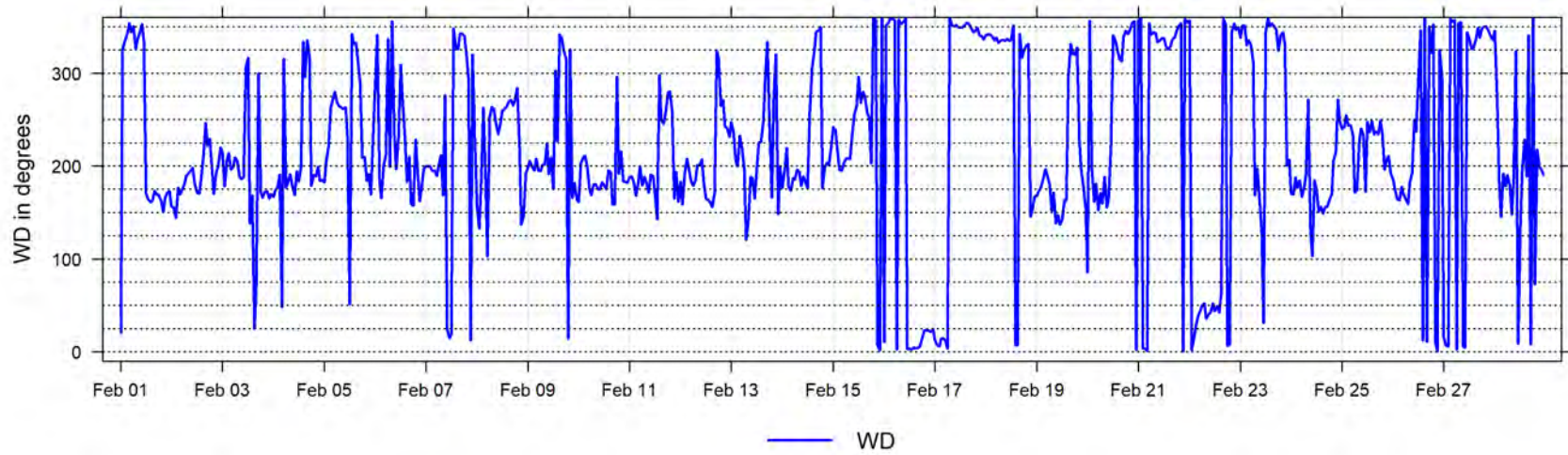
February 2026 Hourly Readings of Relative Humidity (in %) at Valleyview



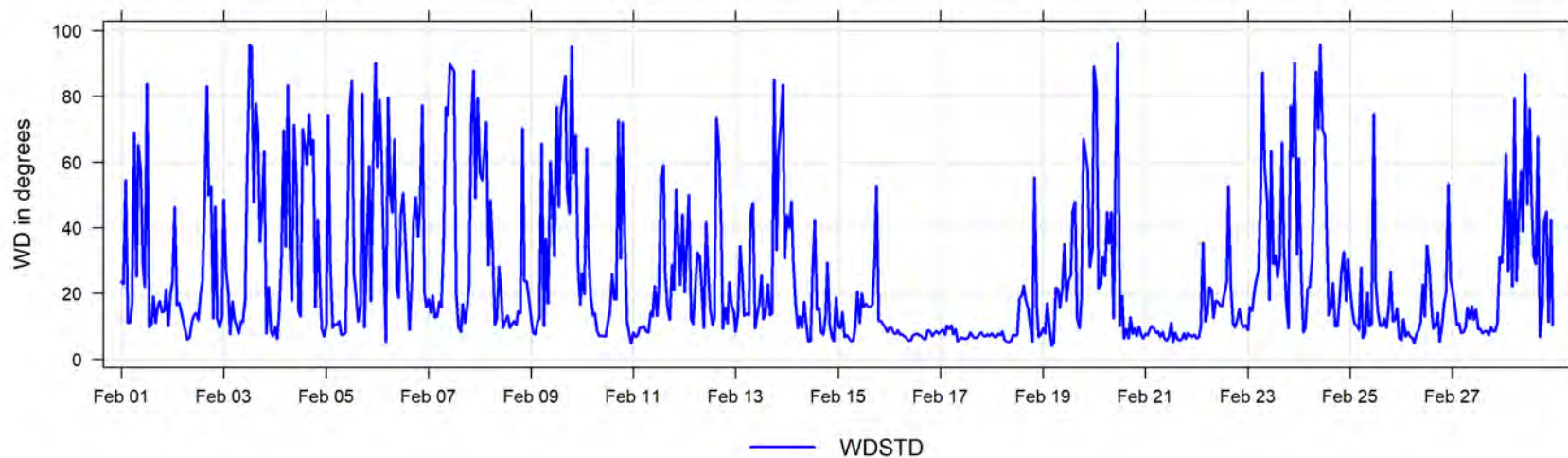
February 2026 Hourly Readings of Wind Speed (in km/hr) at Valleyview

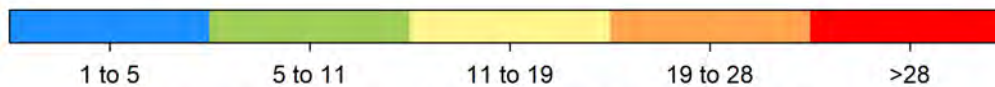
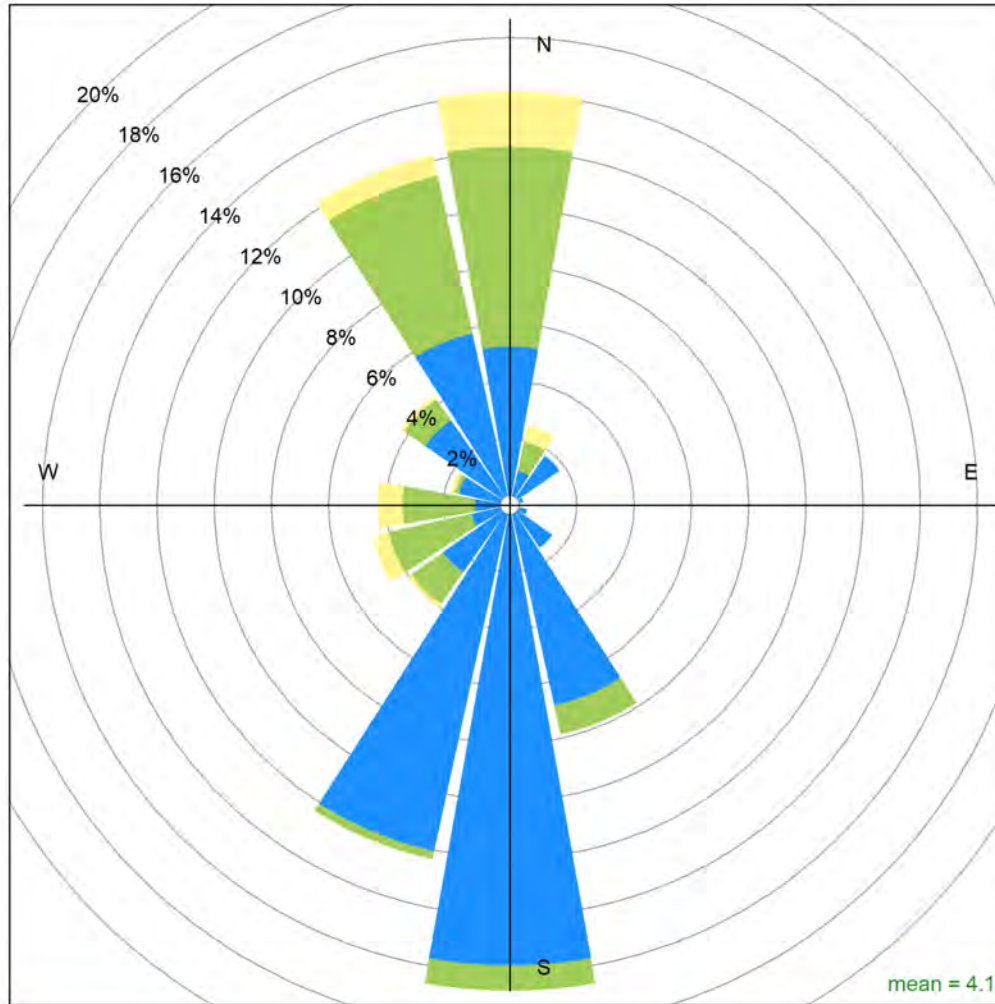


February 2026 Hourly Readings of Wind Direction (in degrees) at Valleyview



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





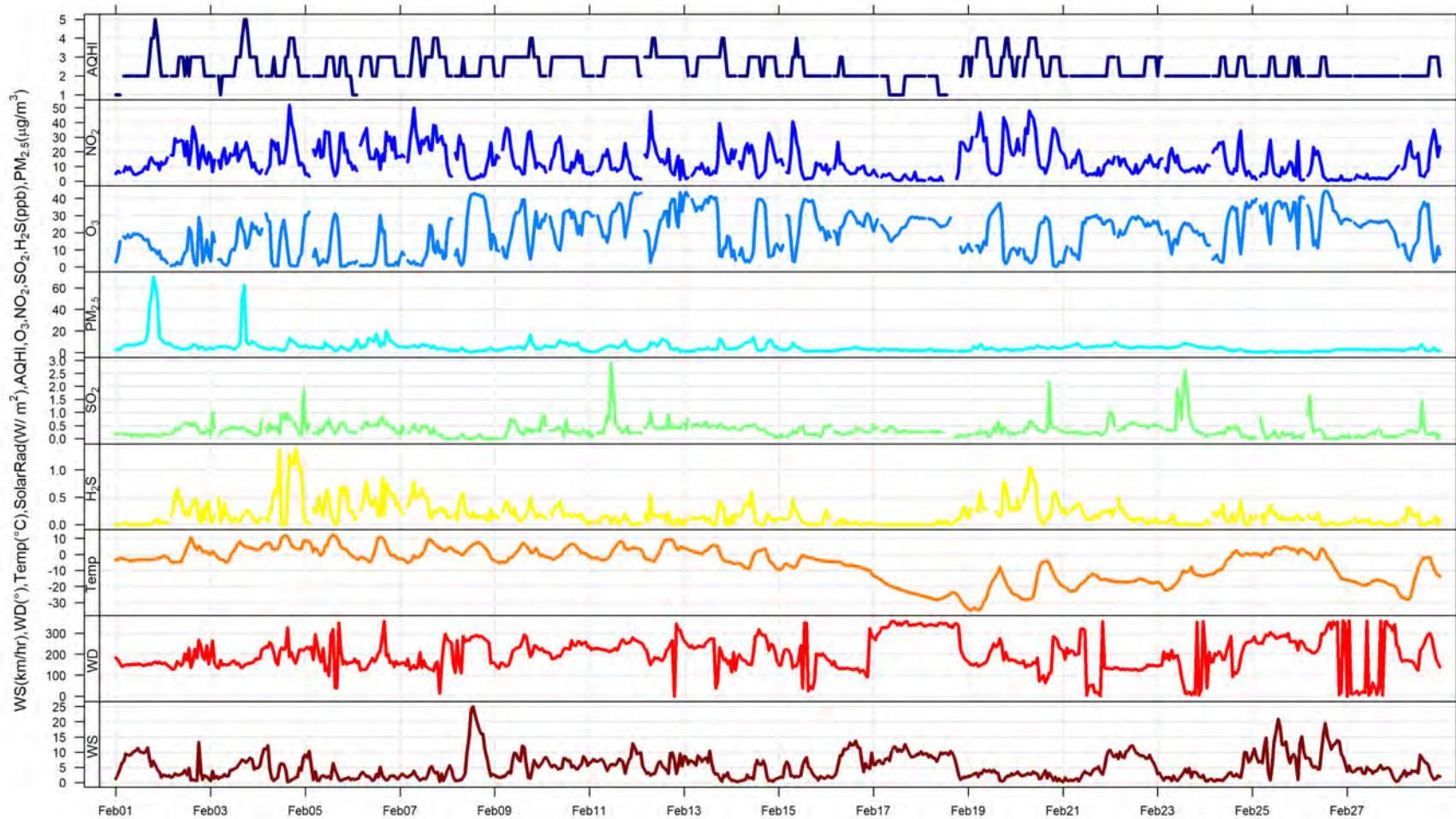
Valleyview February 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 11.6 %

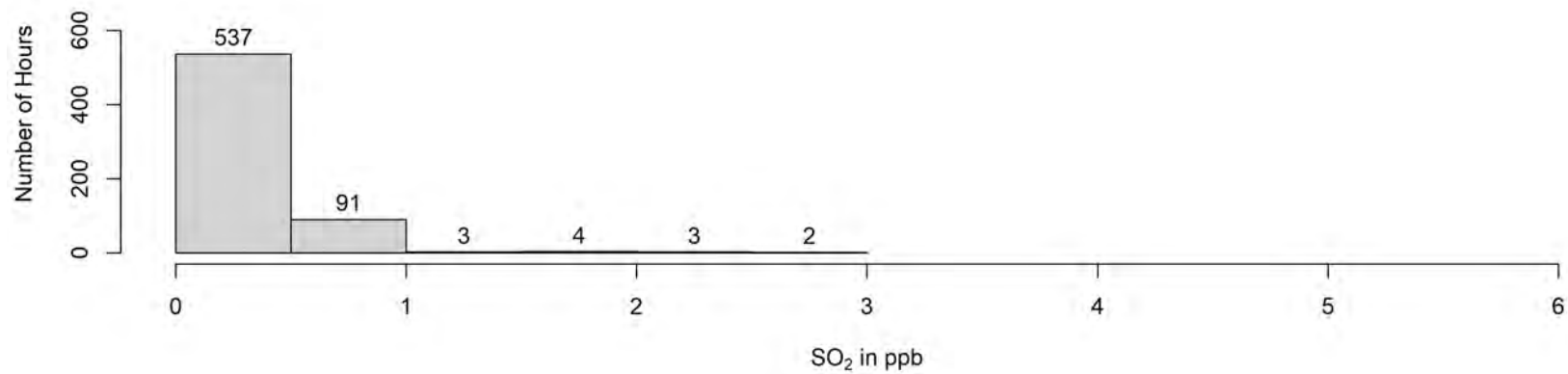
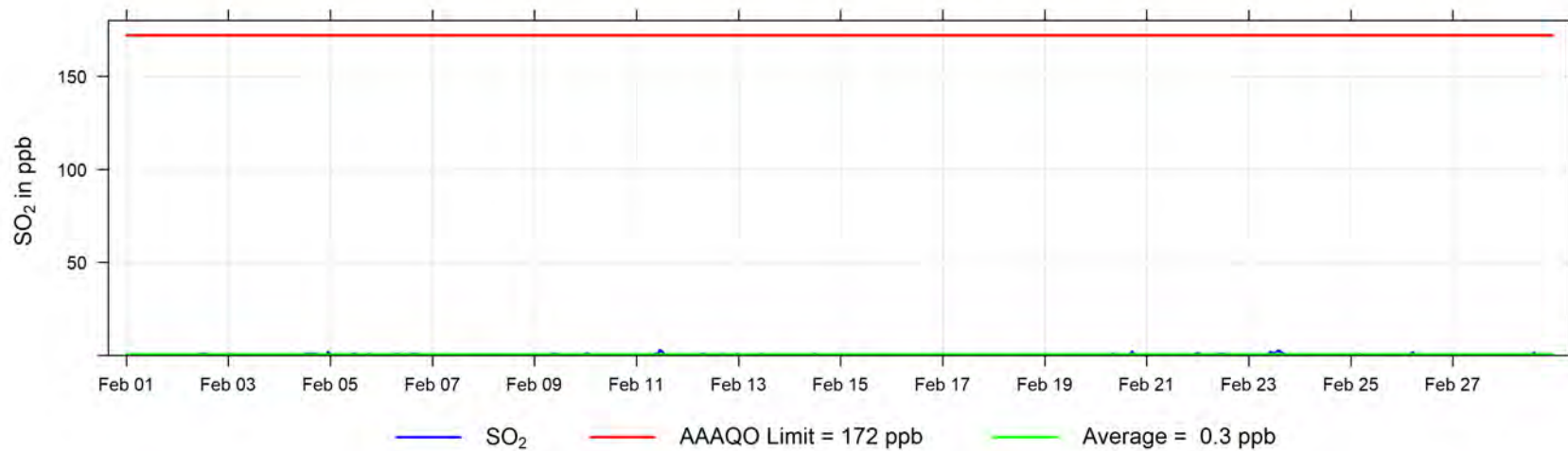
7 Fox Creek Charts

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

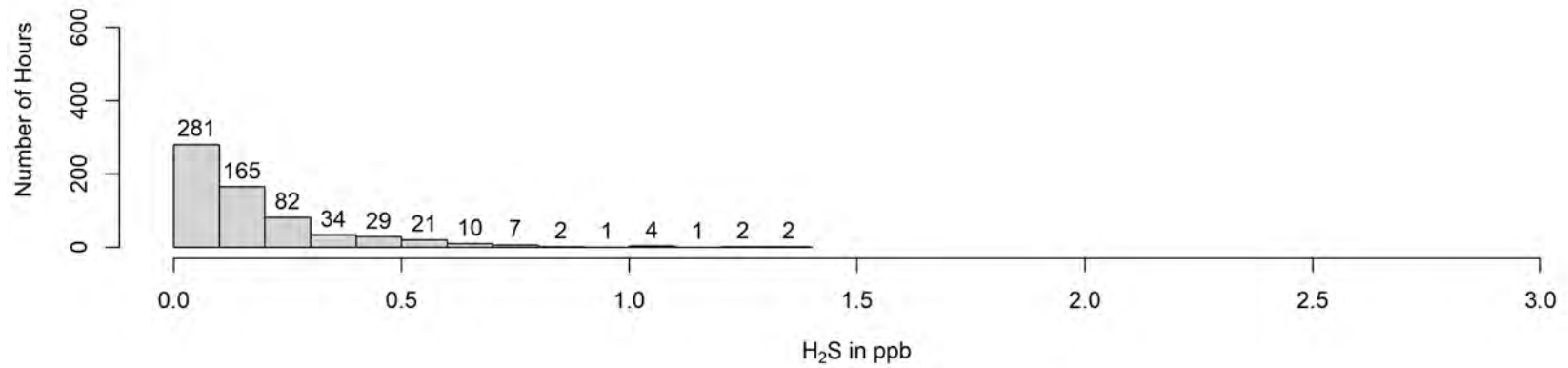
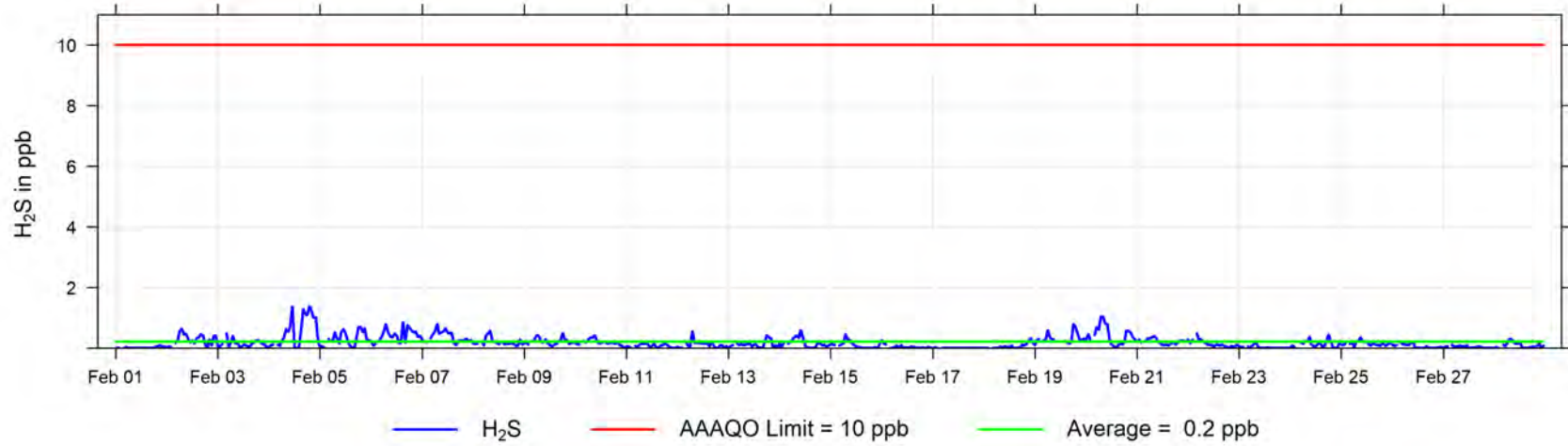
February 2026 Concentration Readings at Fox Creek Station



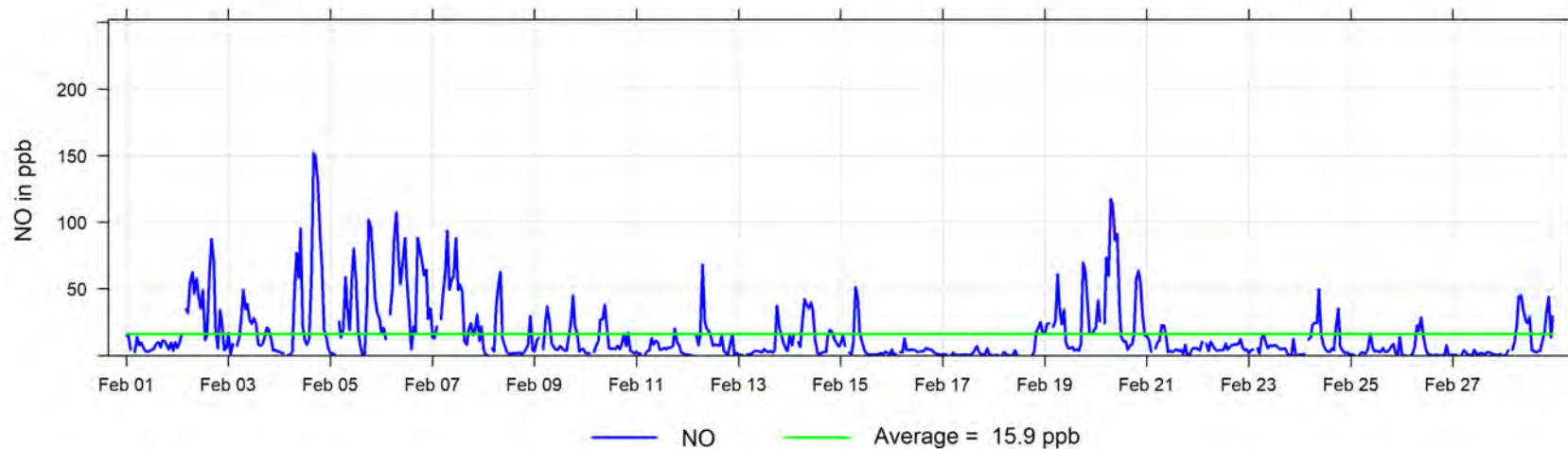
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Fox Creek



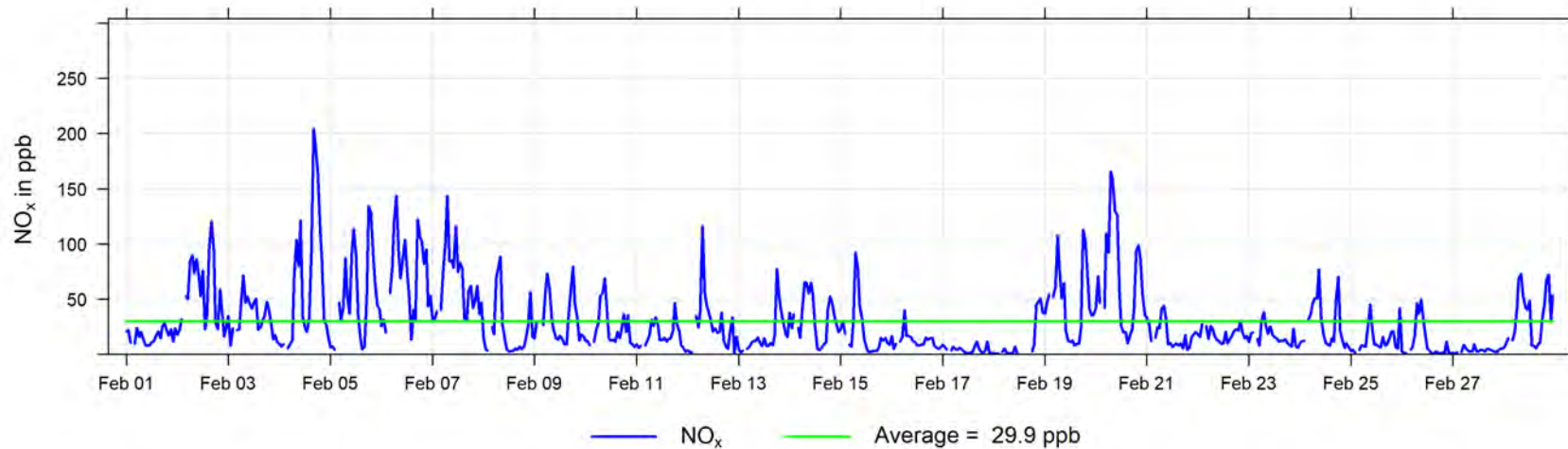
February 2026 Hourly Concentration Readings of H₂S (in ppb) at Fox Creek



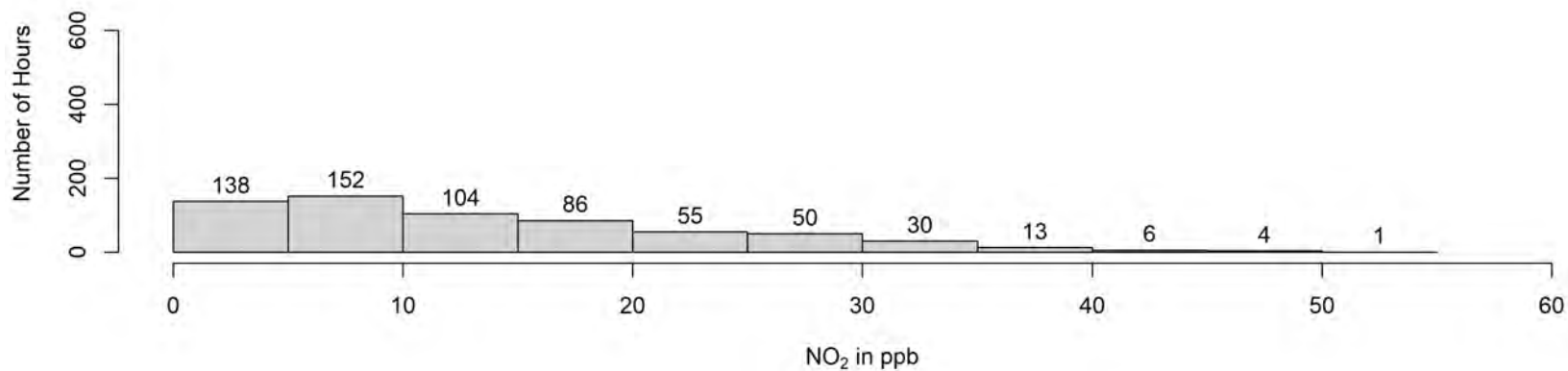
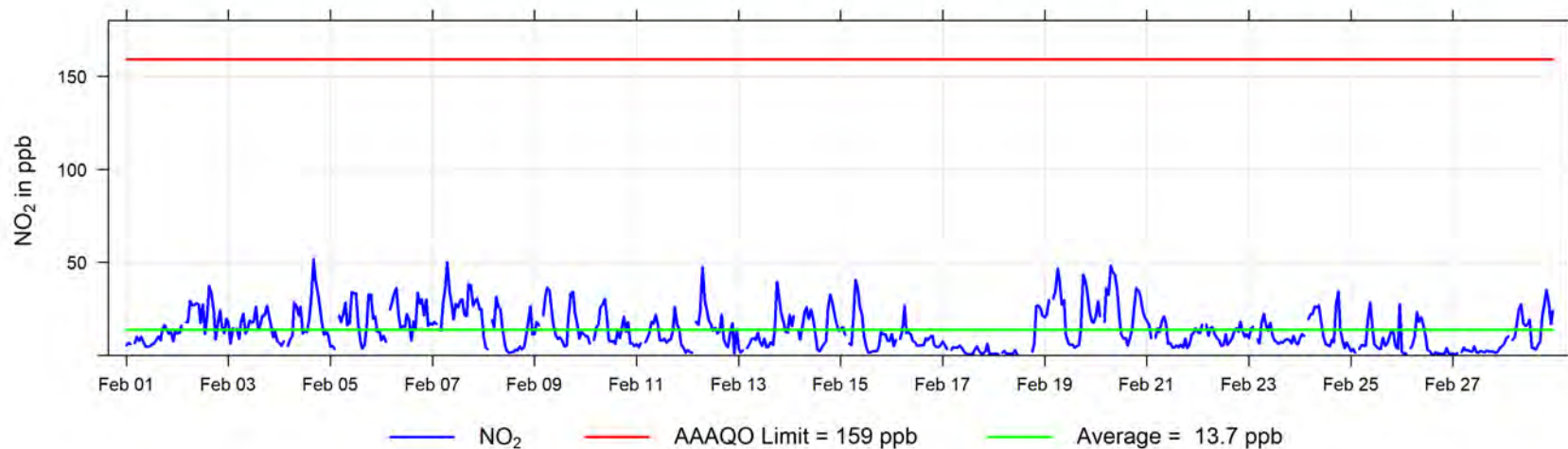
February 2026 Hourly Concentration Readings of NO (in ppb) at Fox Creek



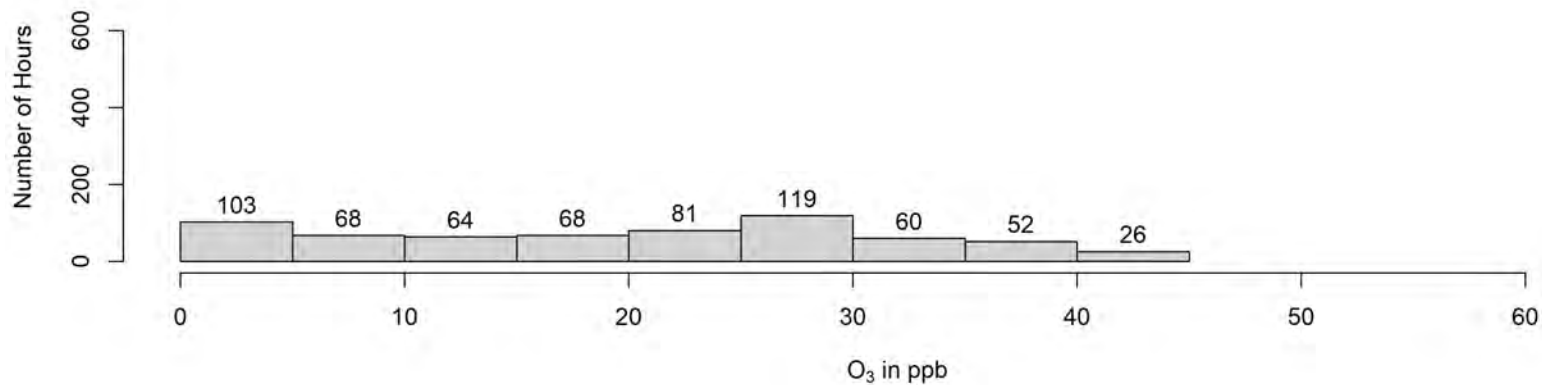
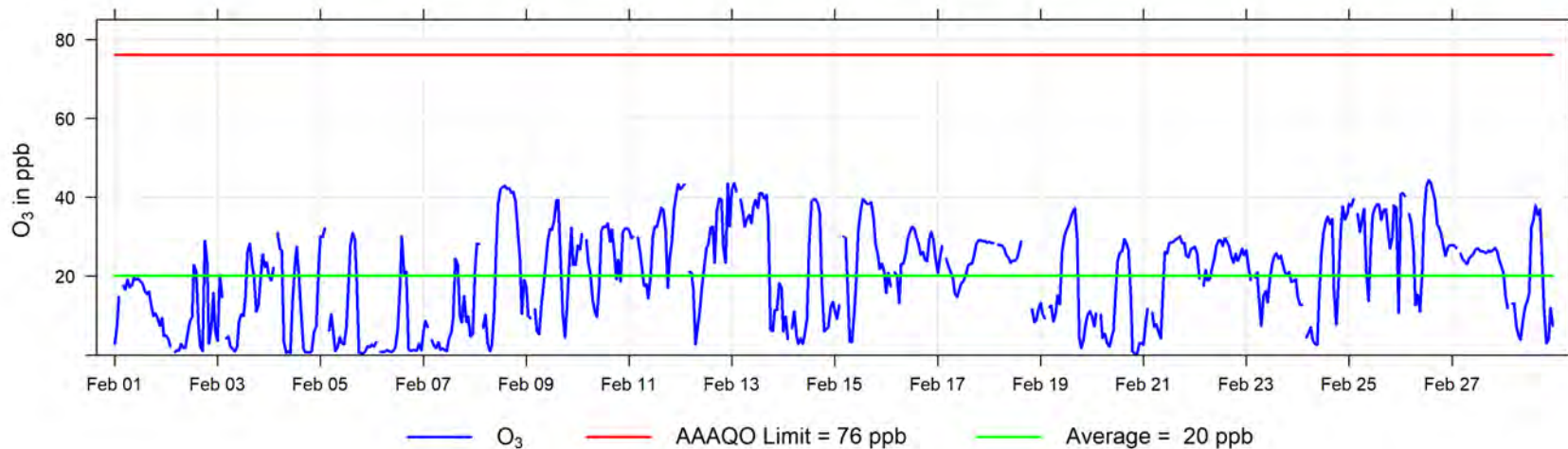
February 2026 Hourly Concentration Readings of NO_x (in ppb) at Fox Creek



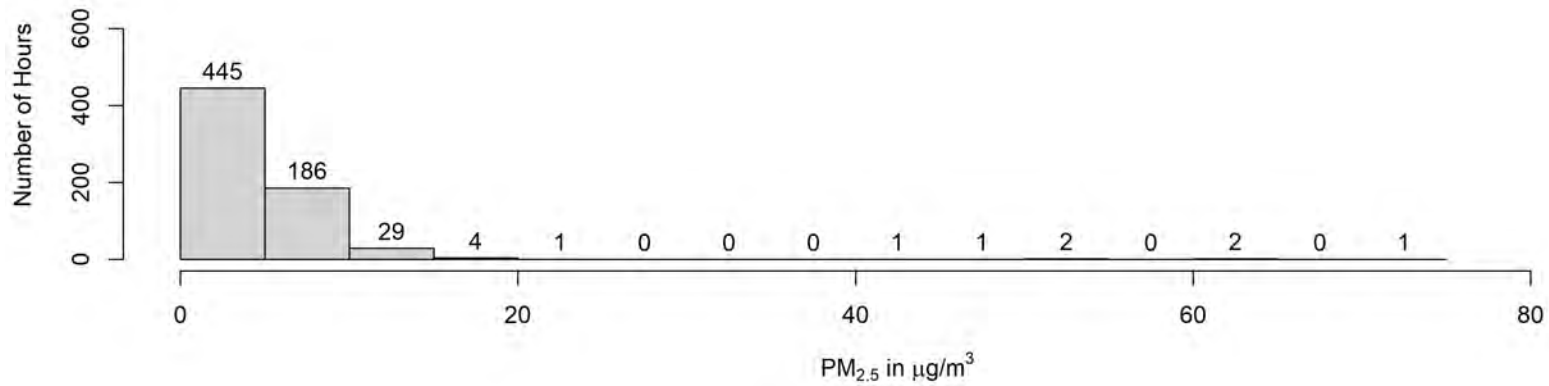
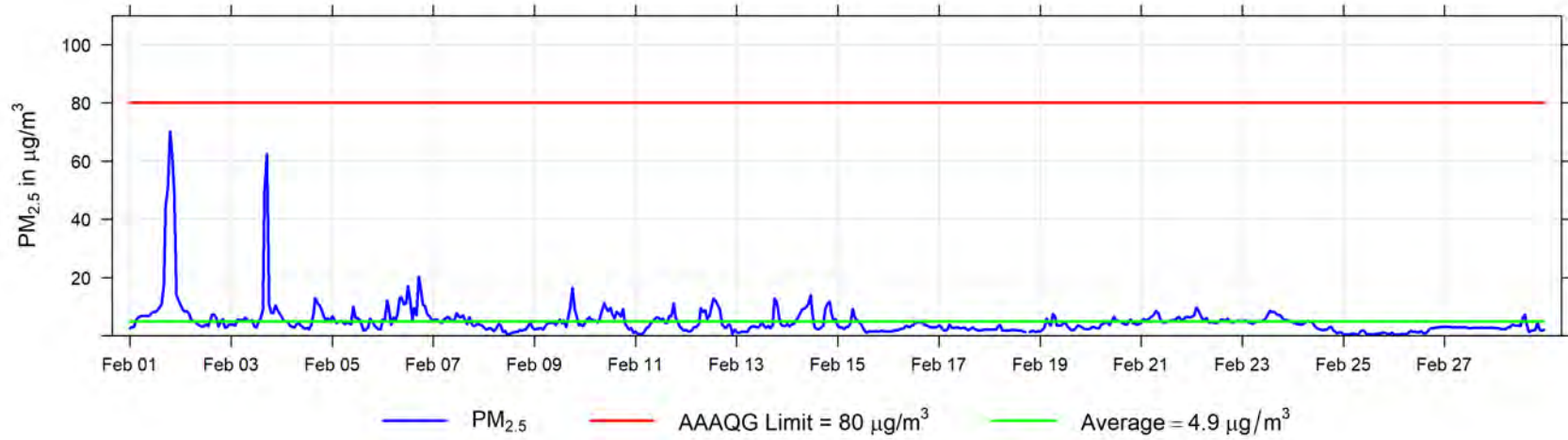
February 2026 Hourly Concentration Readings of NO₂ (in ppb) at Fox Creek



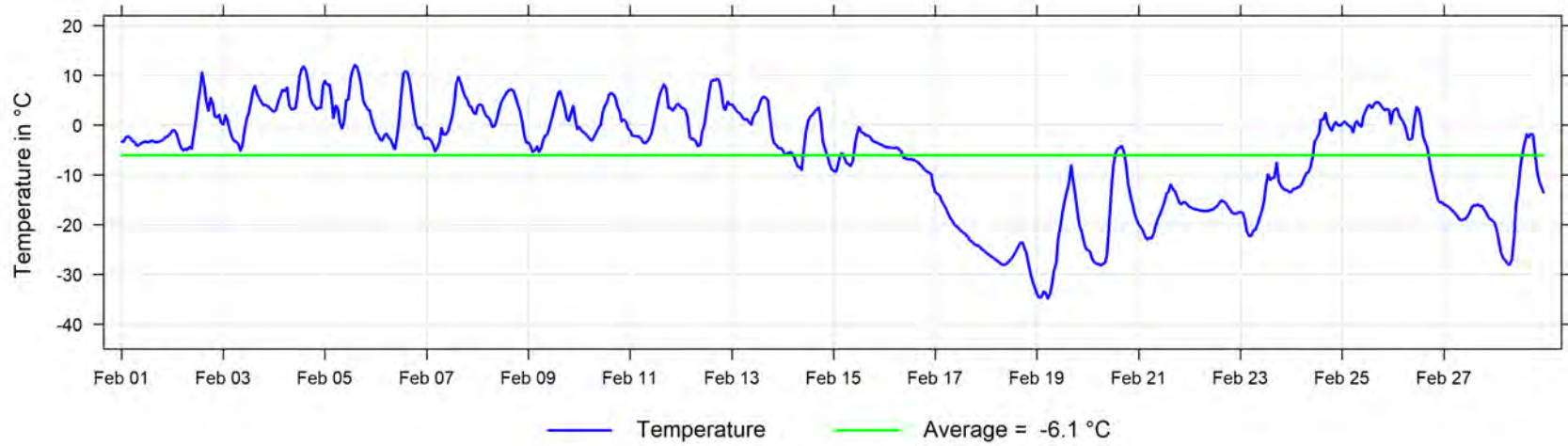
February 2026 Hourly Concentration Readings of O₃ (in ppb) at Fox Creek



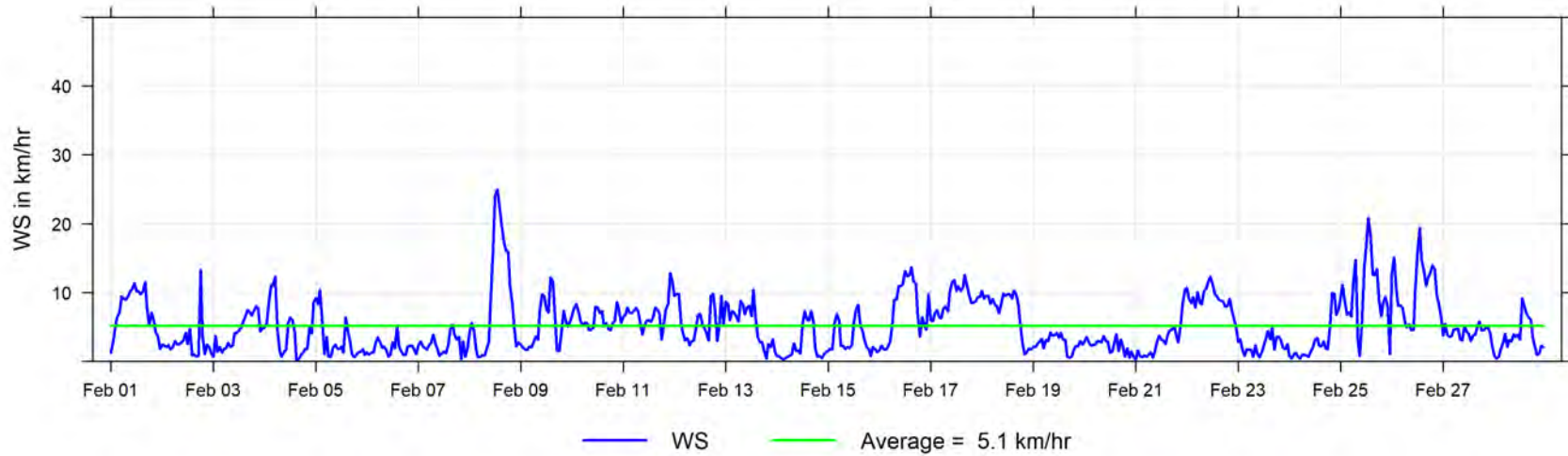
February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Fox Creek



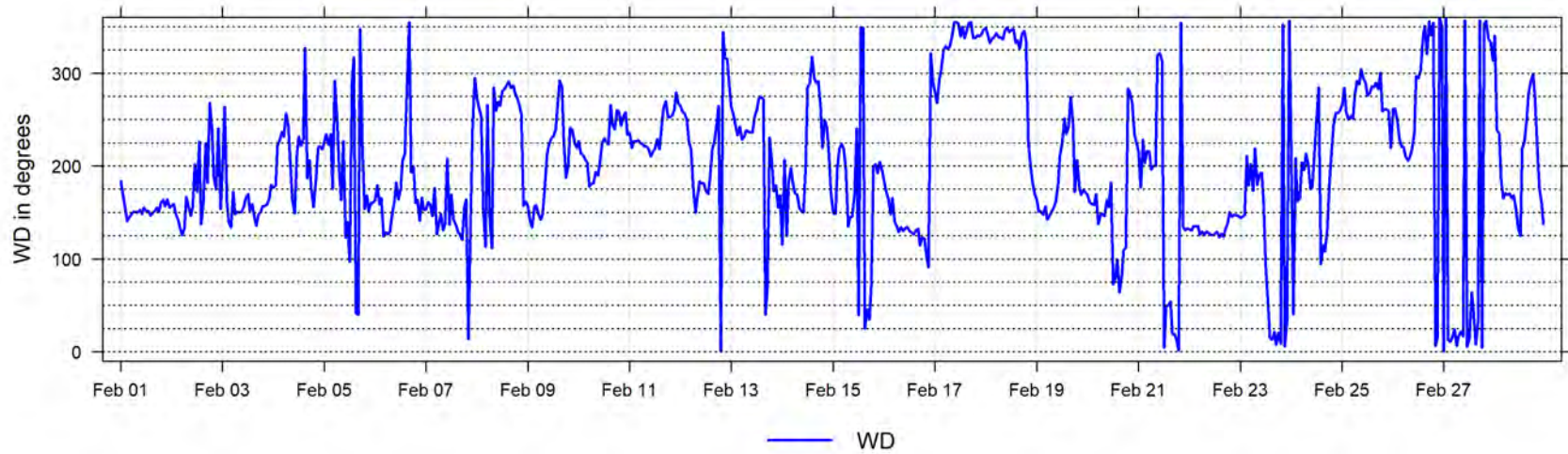
February 2026 Hourly Temperature Readings (in °C) at Fox Creek



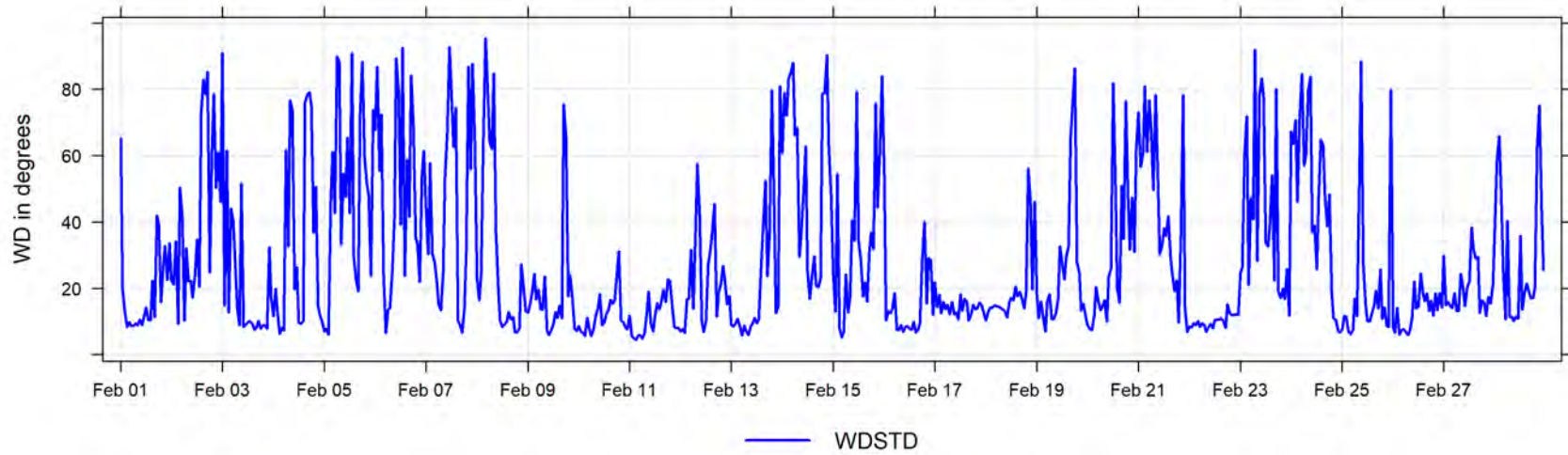
February 2026 Hourly Readings of Wind Speed (in km/hr) at Fox Creek

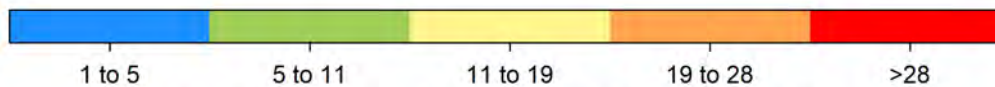
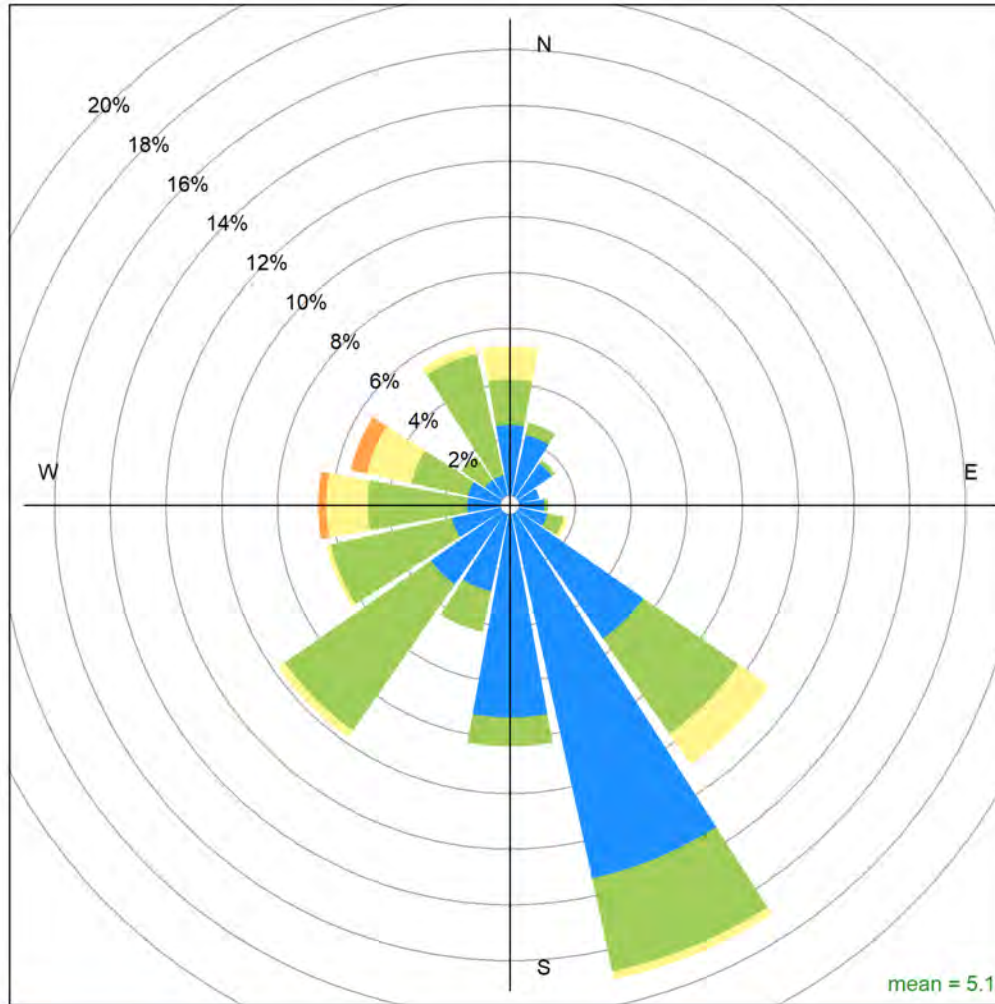


February 2026 Hourly Readings of Wind Direction (in degrees) at Fox Creek



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





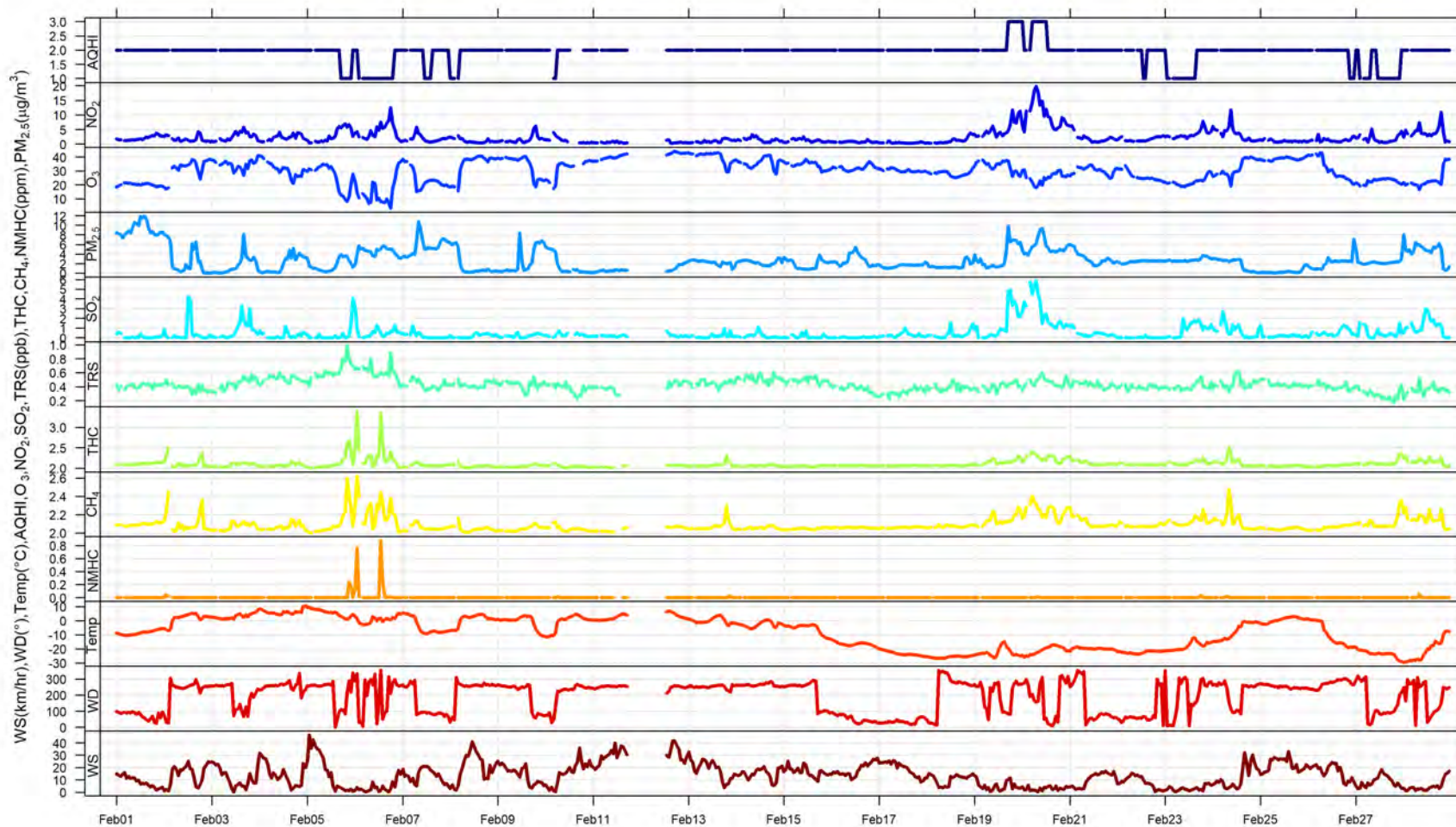
Fox Creek February 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 10.5 %

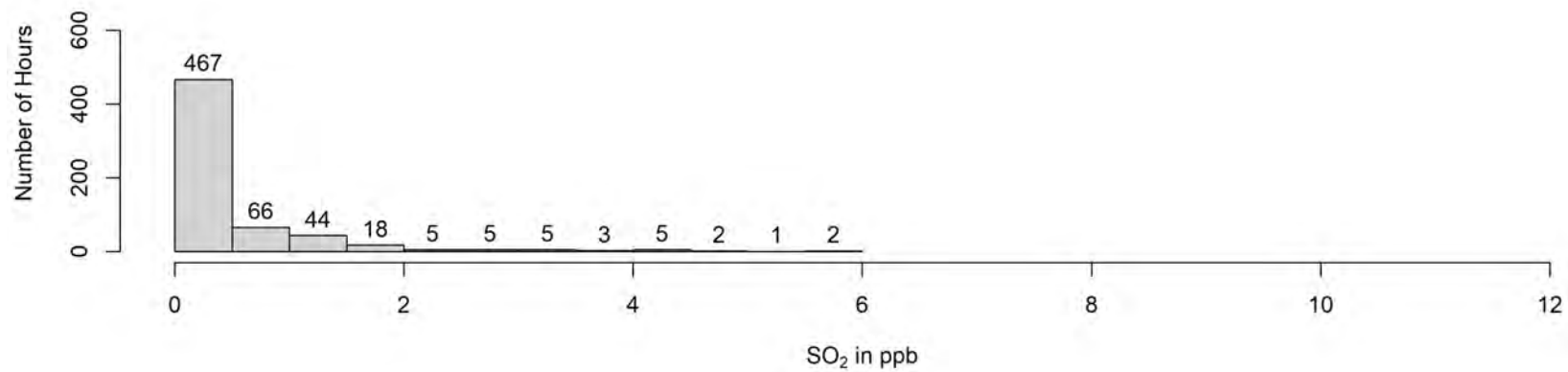
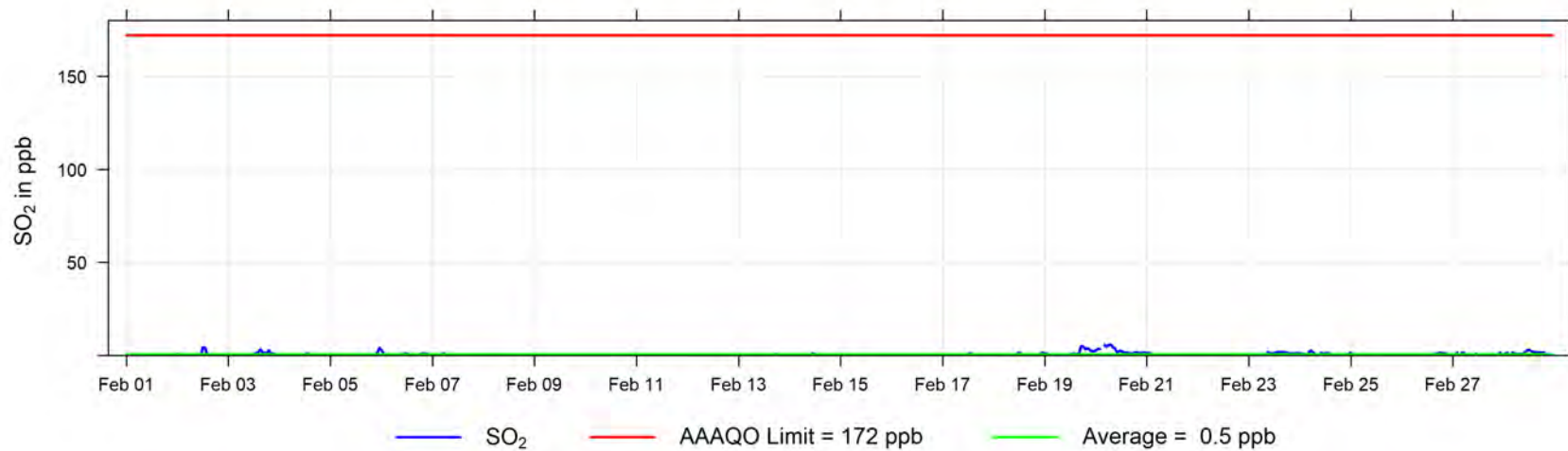
8 Happy Valley (Portable) Charts

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

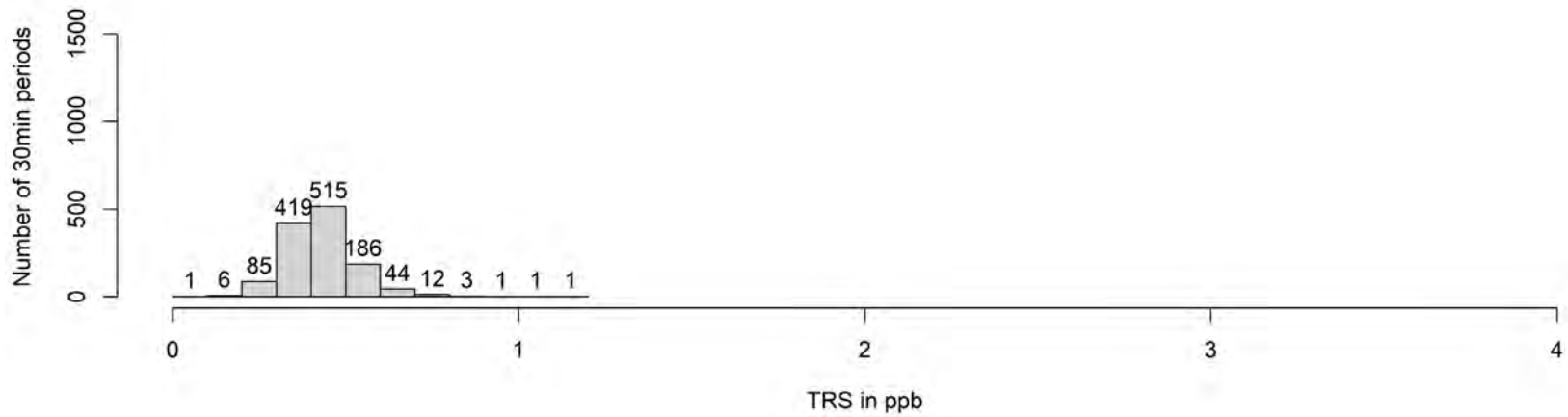
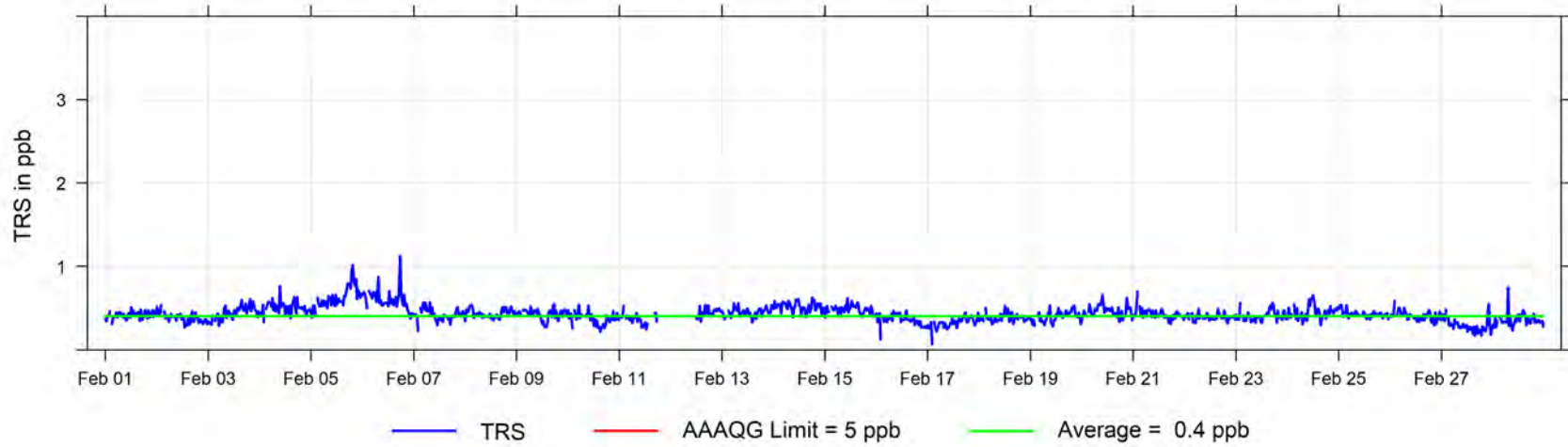
February 2026 Concentration Readings at Happy Valley Station



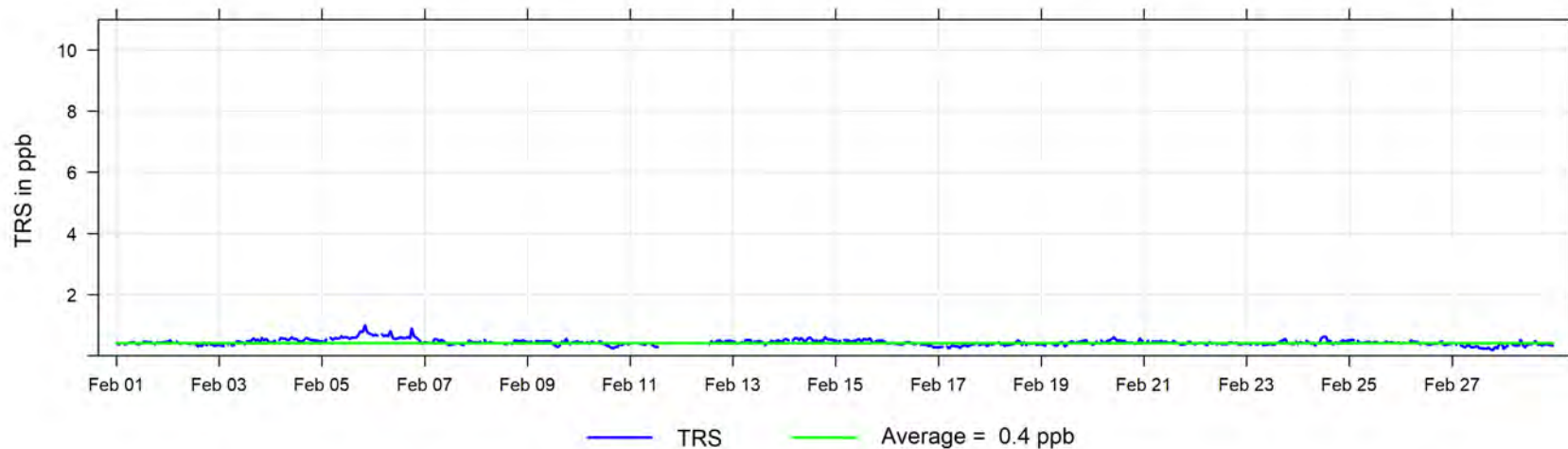
February 2026 Hourly Concentration Readings of SO₂ (in ppb) at Happy Valley



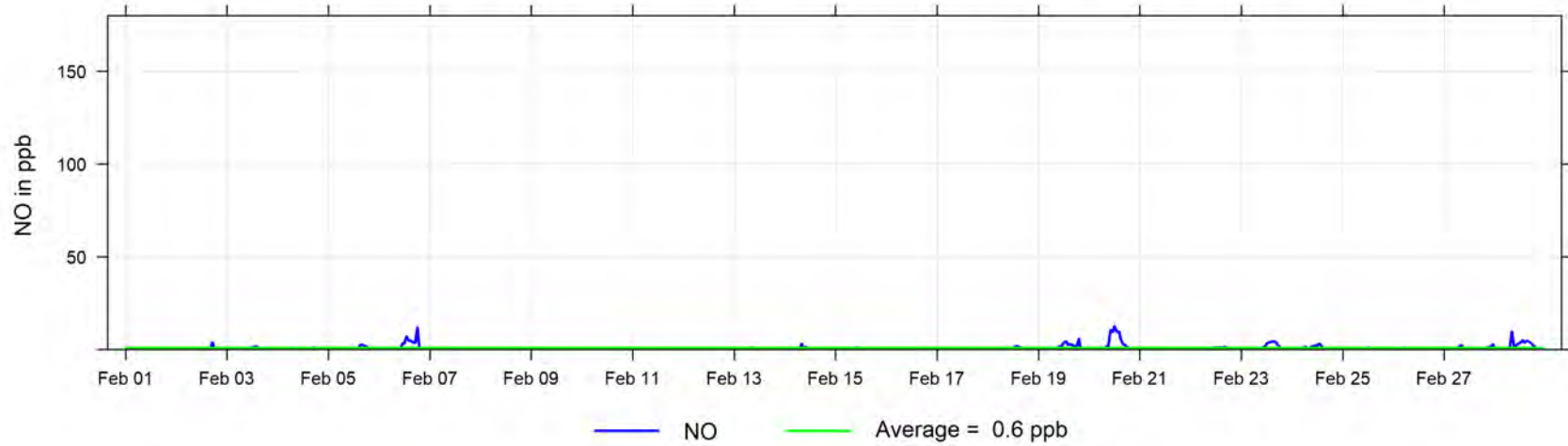
February 2026 30 min Concentration Readings of TRS (in ppb) at Happy Valley



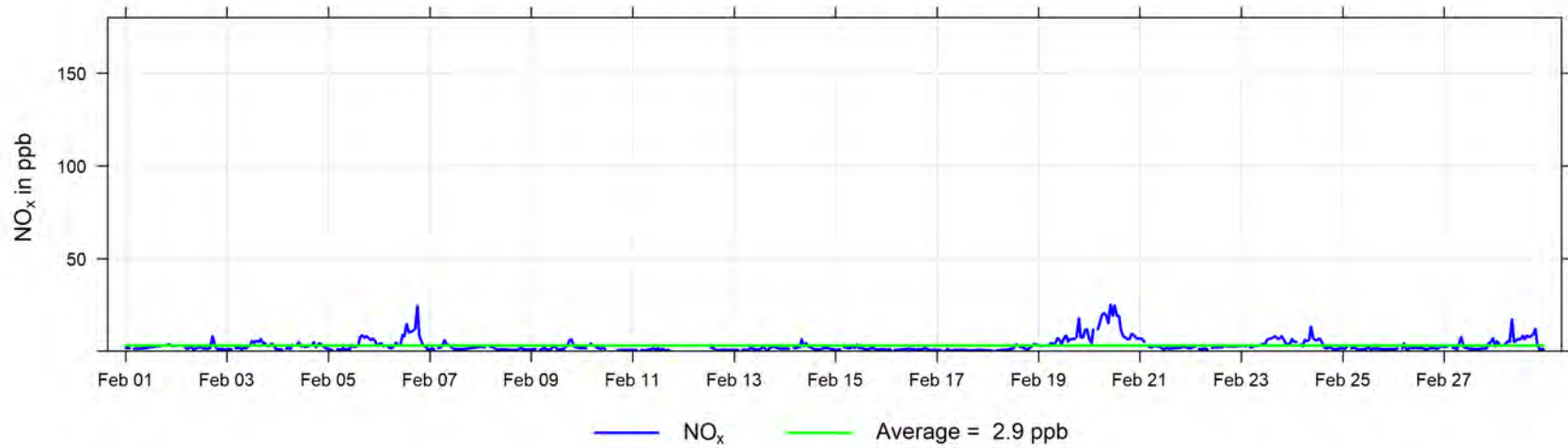
February 2026 Hourly Concentration Readings of TRS (in ppb) at Happy Valley



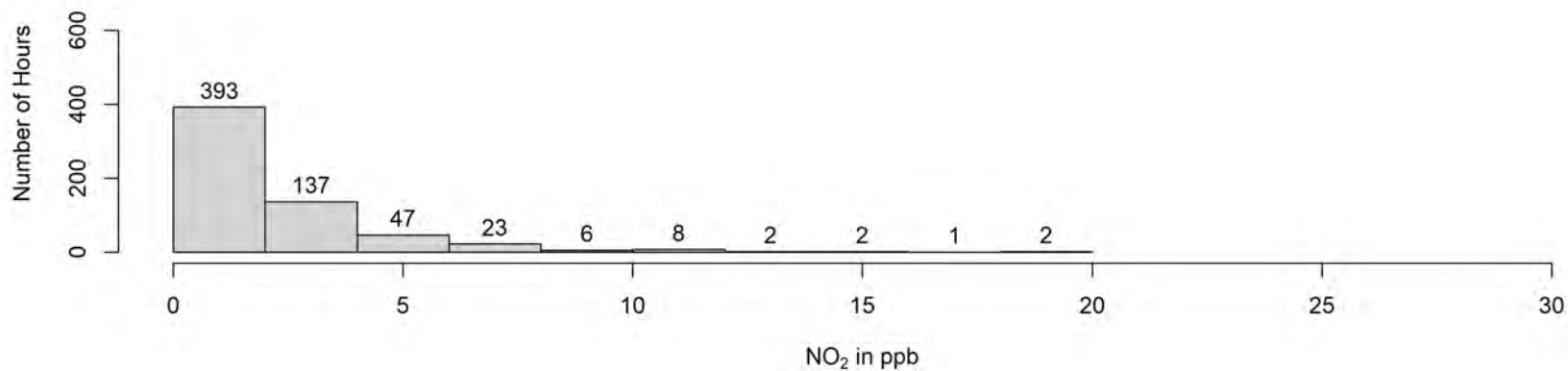
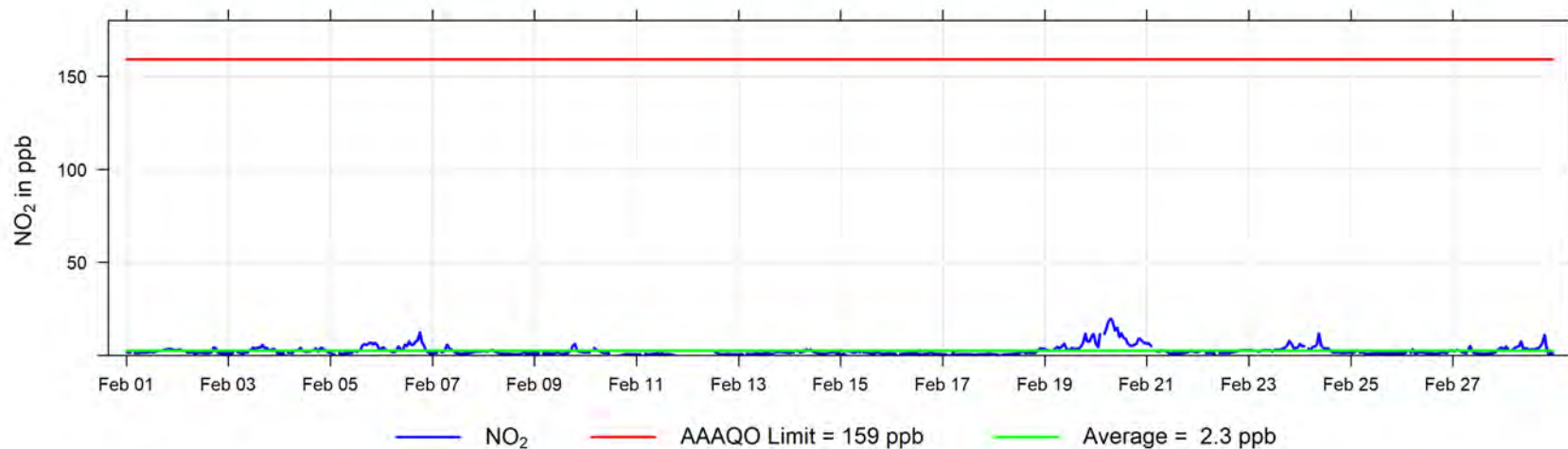
February 2026 Hourly Concentration Readings of NO (in ppb) at Happy Valley



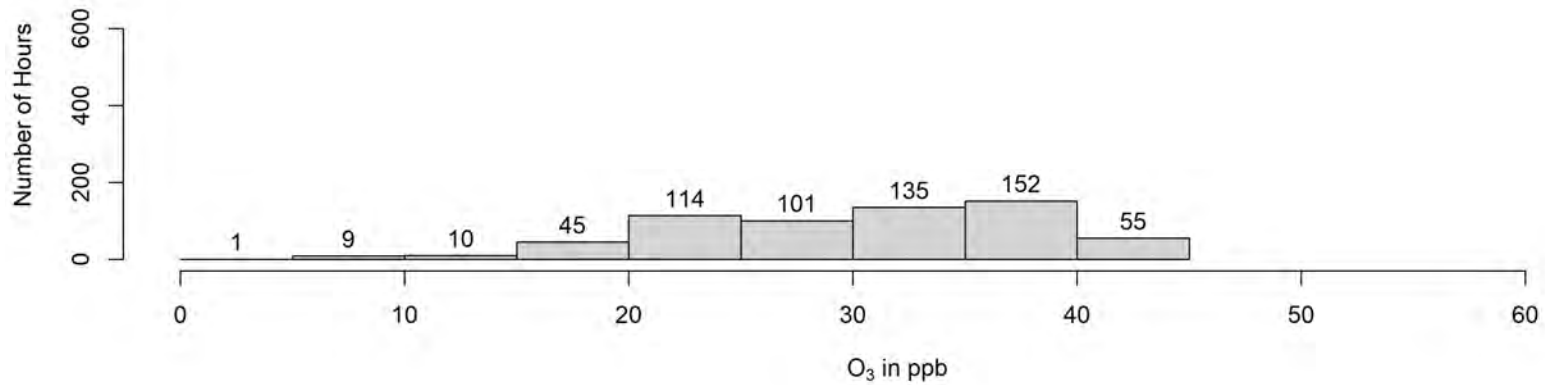
February 2026 Hourly Concentration Readings of NO_x (in ppb) at Happy Valley



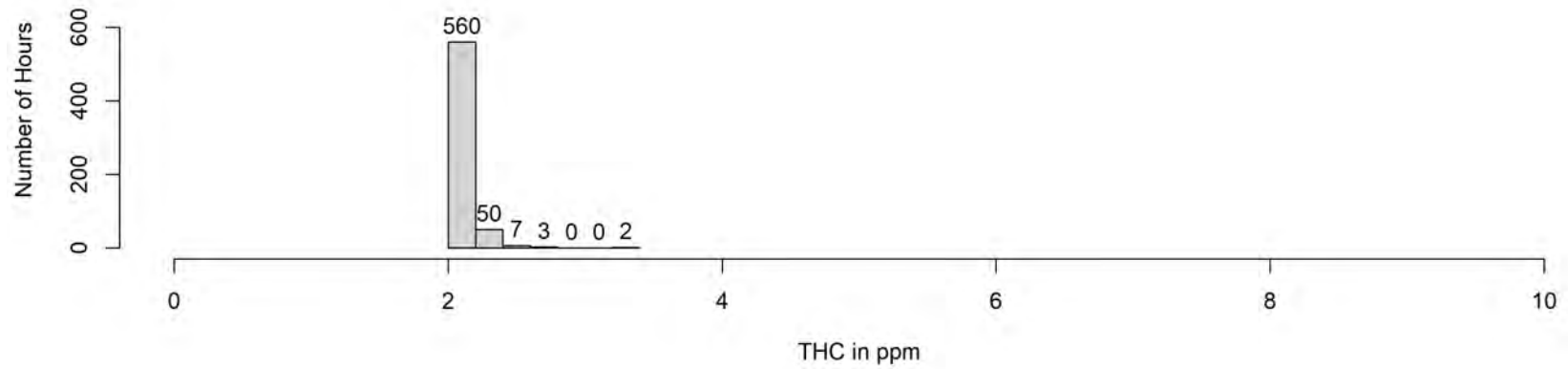
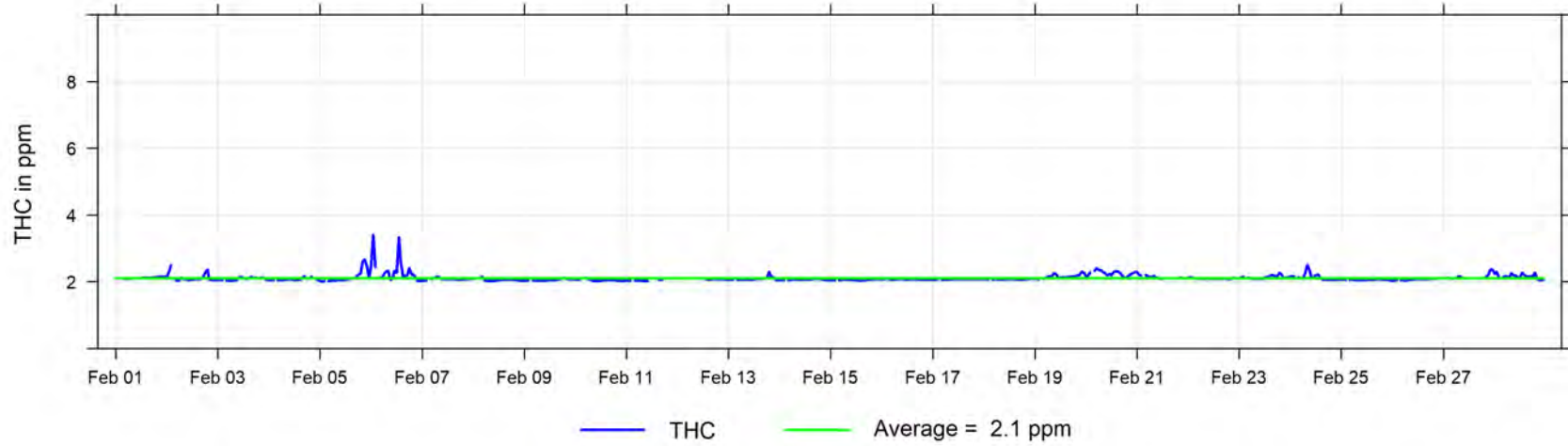
February 2026 Hourly Concentration Readings of NO₂ (in ppb) at Happy Valley



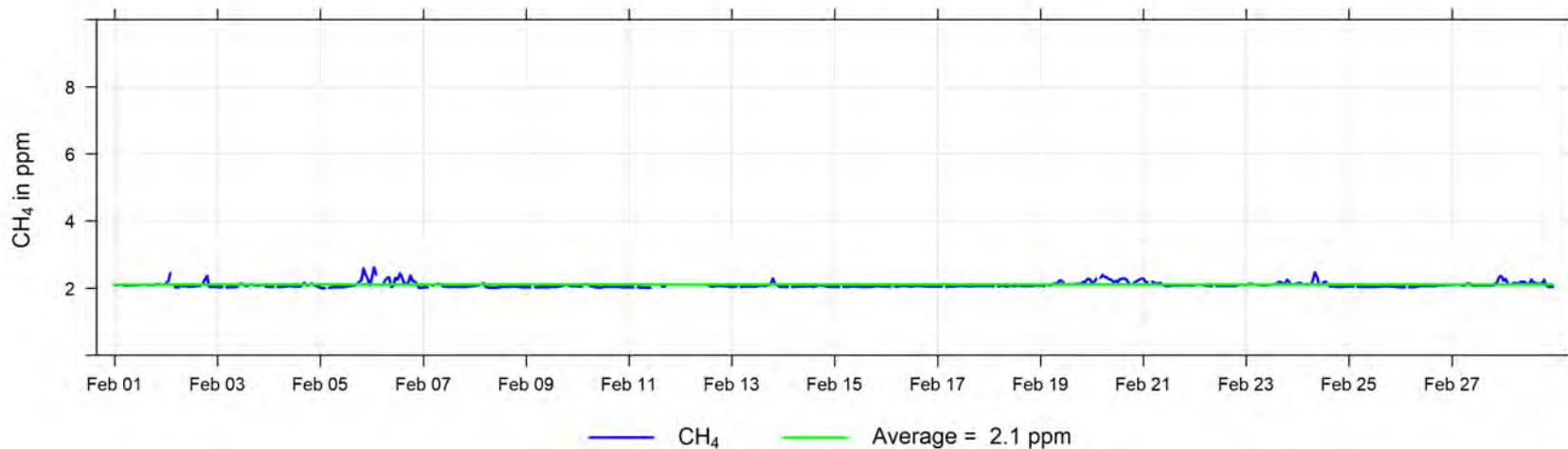
February 2026 Hourly Concentration Readings of O₃ (in ppb) at Happy Valley



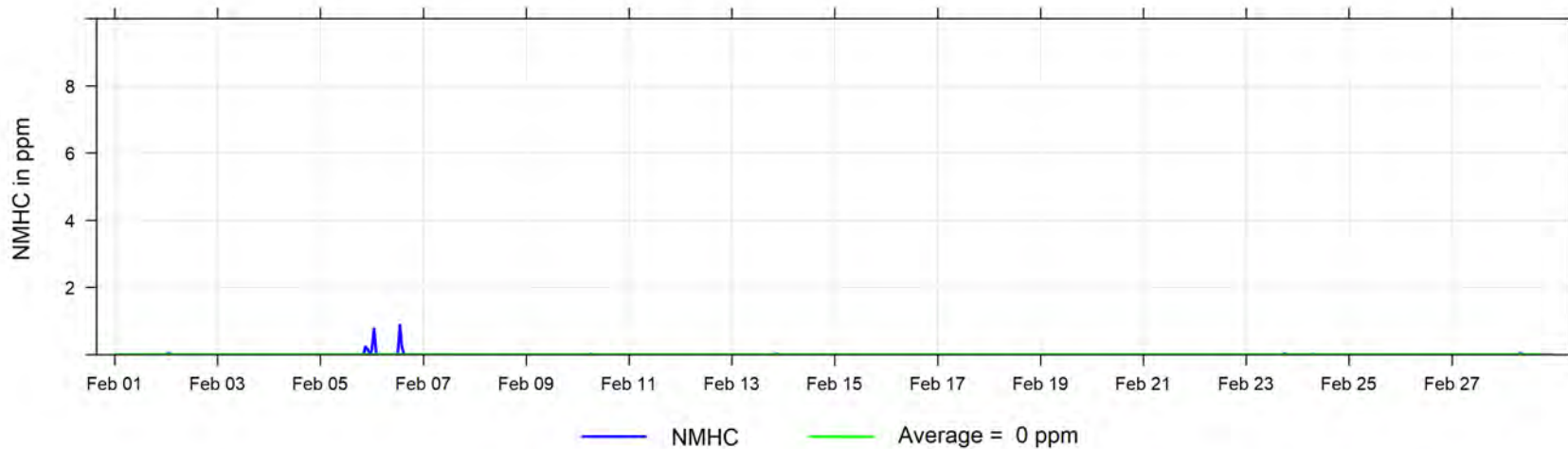
February 2026 Hourly Concentration Readings of THC (in ppm) at Happy Valley



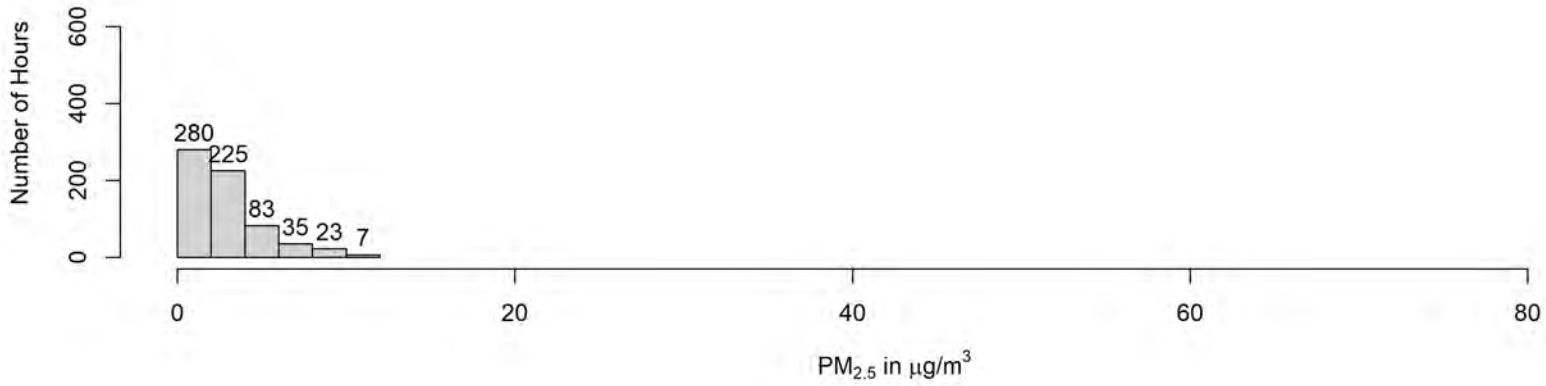
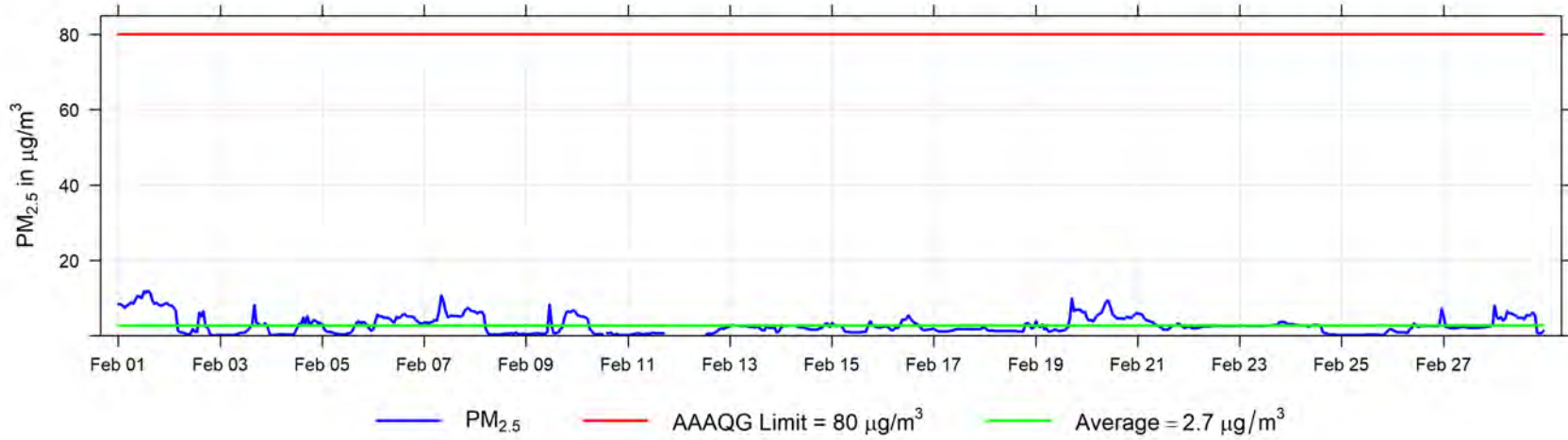
February 2026 Hourly Concentration Readings of CH₄ (in ppm) at Happy Valley



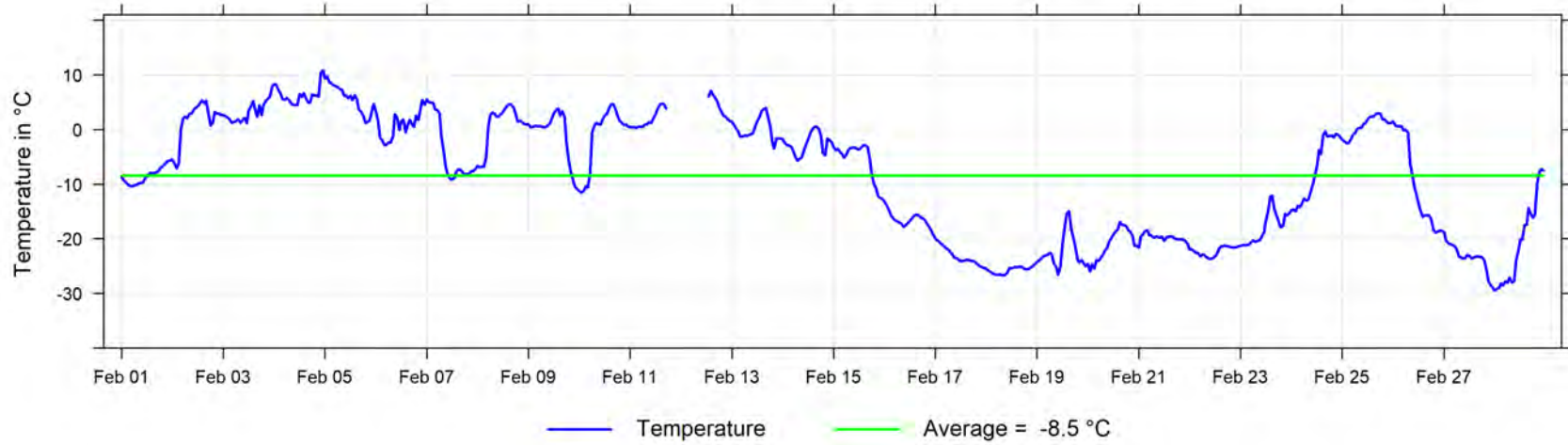
February 2026 Hourly Concentration Readings of NMHC (in ppm) at Happy Valley



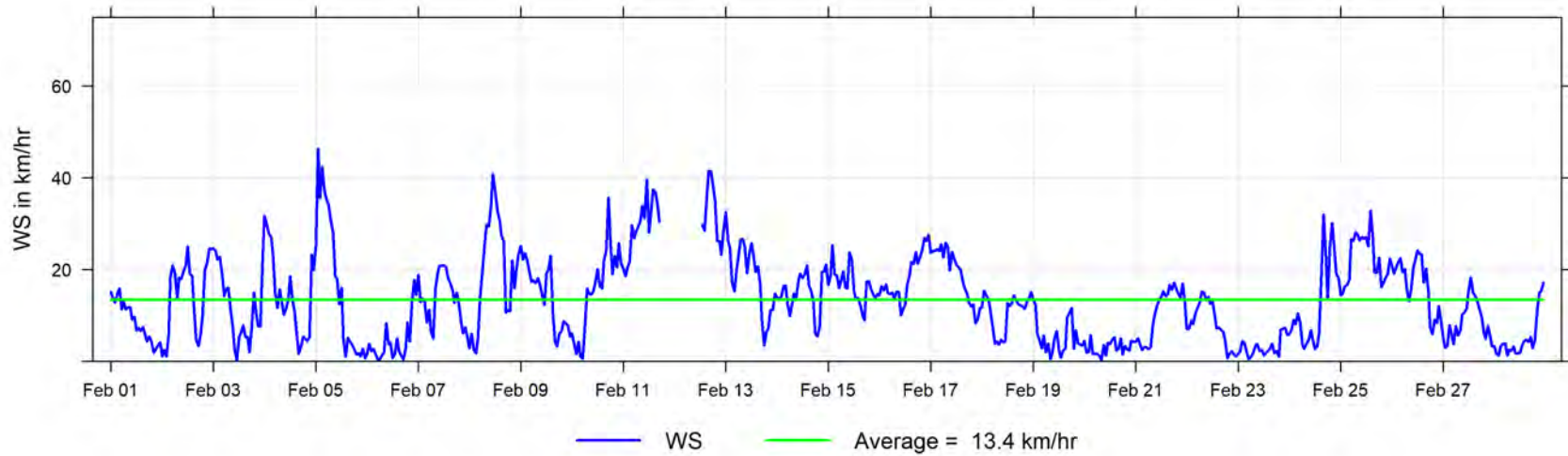
February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Happy Valley



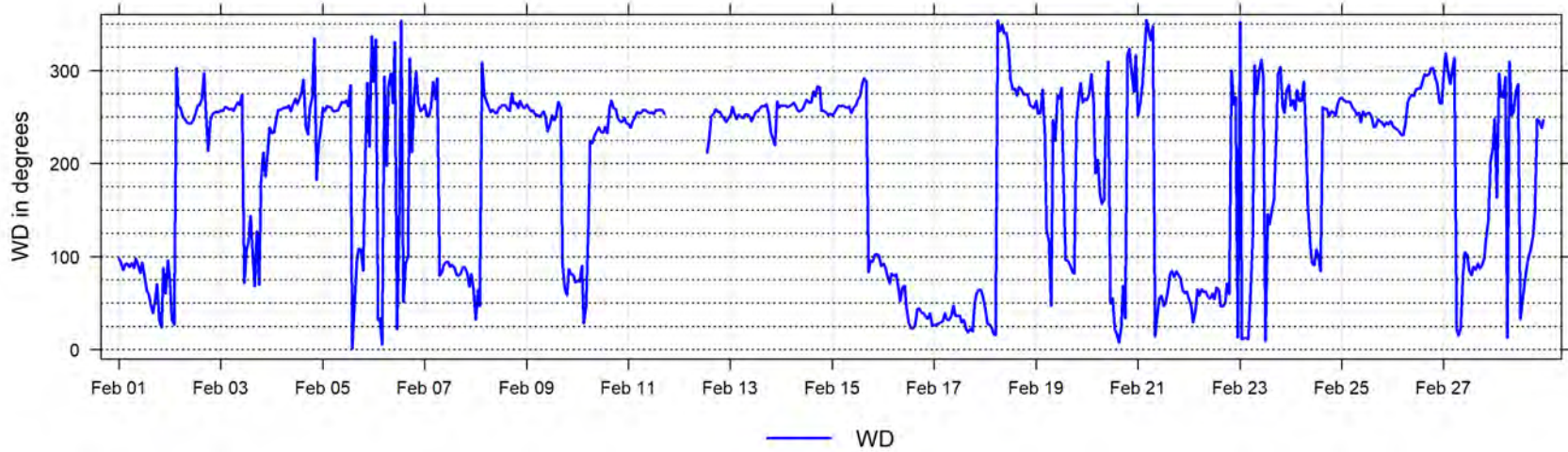
February 2026 Hourly Temperature Readings (in °C) at Happy Valley



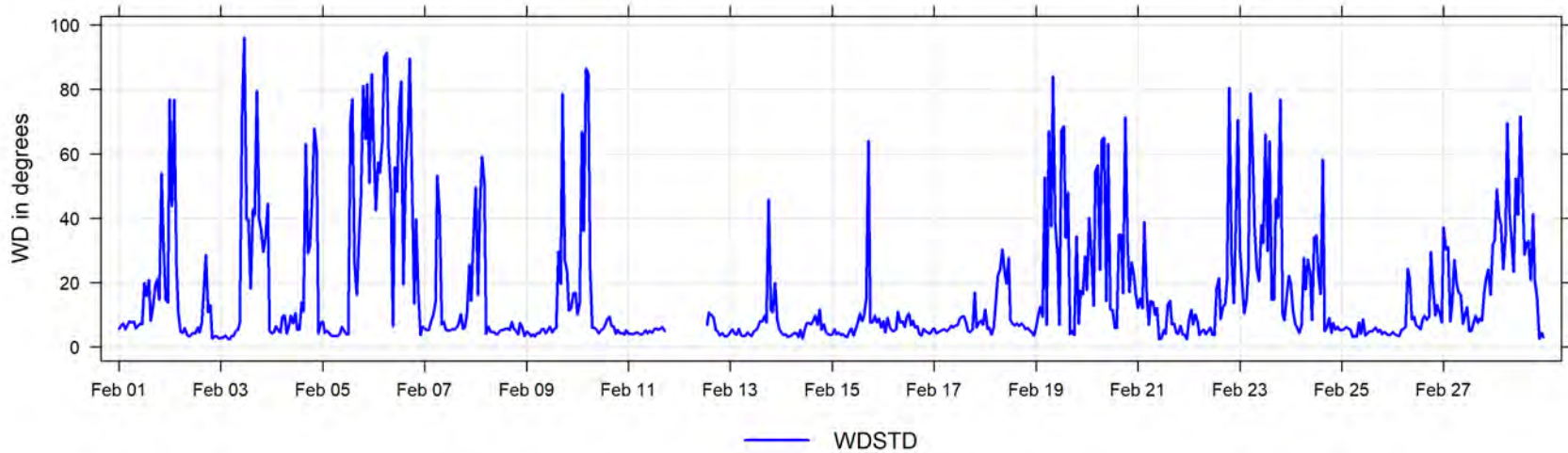
February 2026 Hourly Readings of Wind Speed (in km/hr) at Happy Valley

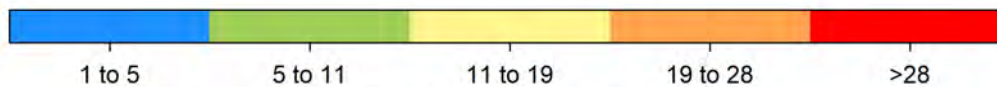
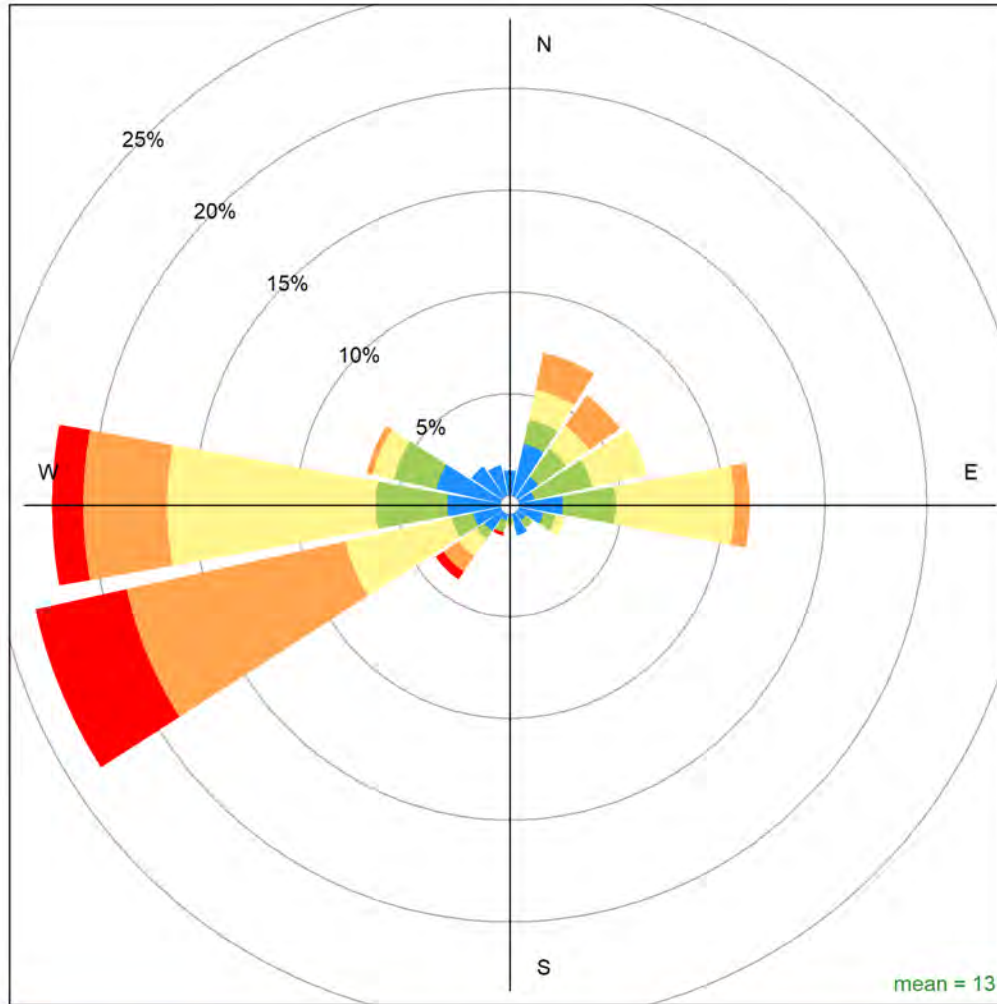


February 2026 Hourly Readings of Wind Direction (in degrees) at Happy Valley



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





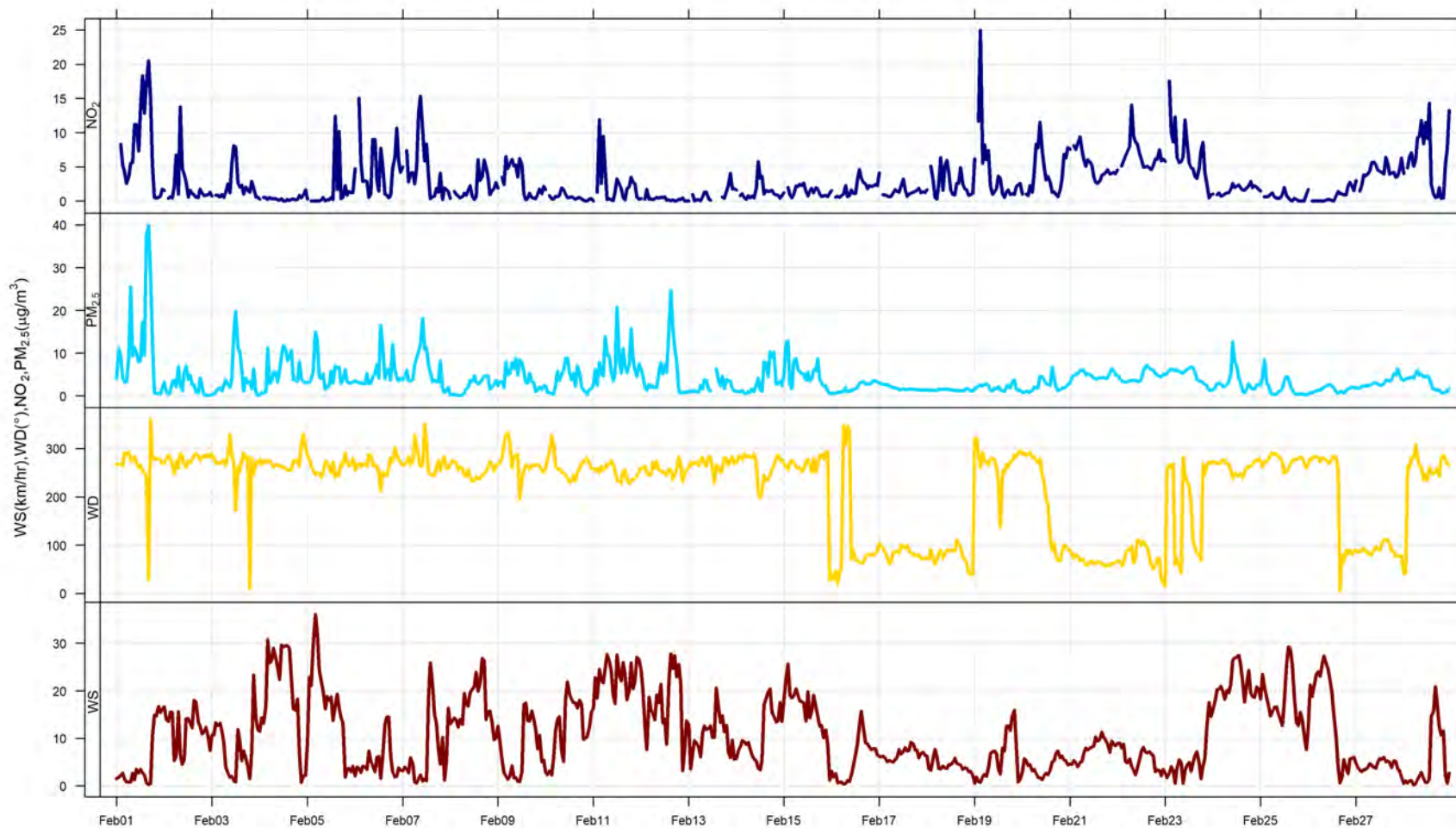
Happy Valley February 2026 Wind Rose, wind speed in km/hr

Calms (<1km/hr) = 2.3 %

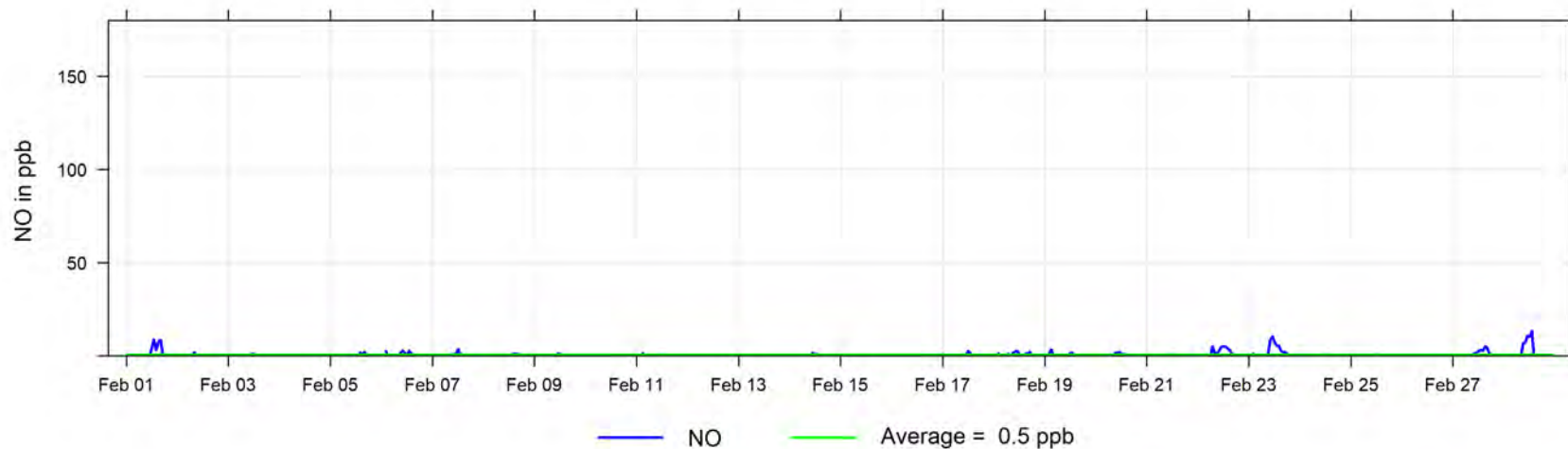
9 Milner Charts

The following pages include the charts and histograms for Milner Station

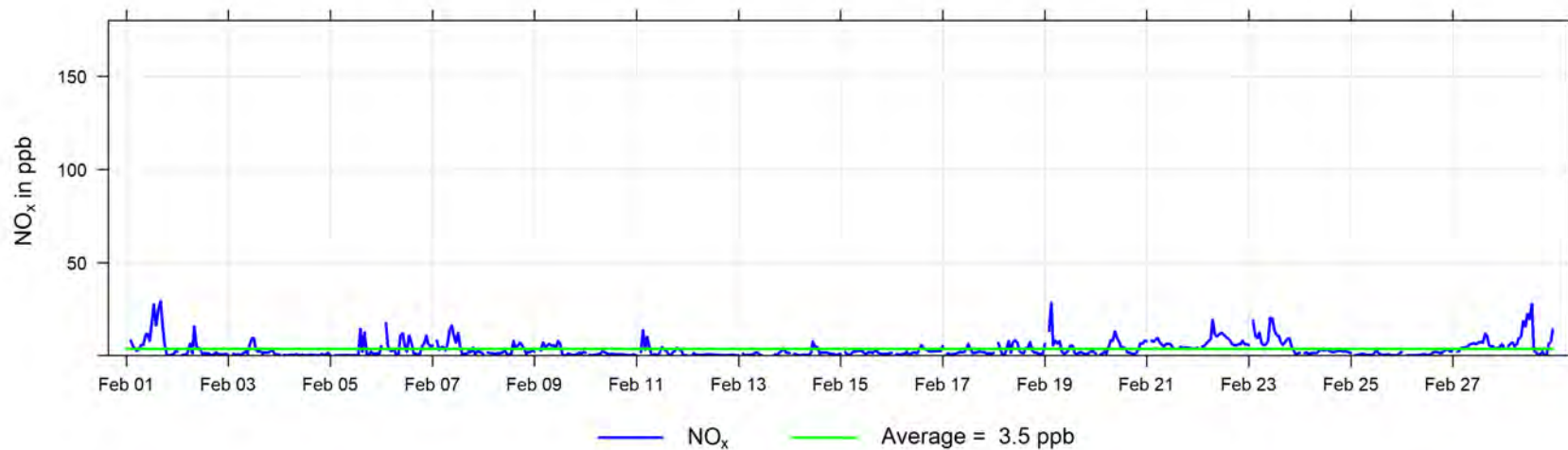
February 2026 Concentration Readings at Milner Station



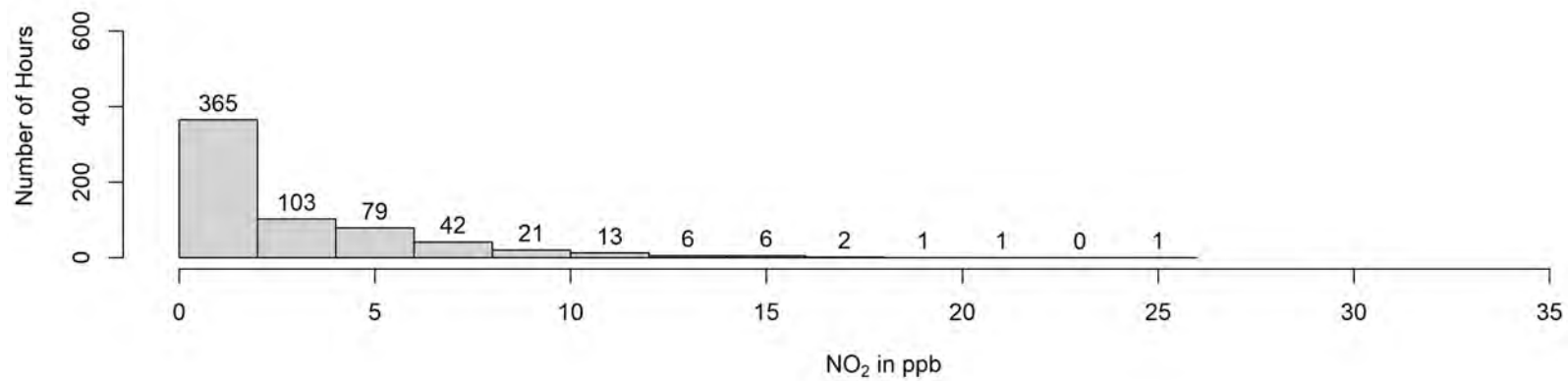
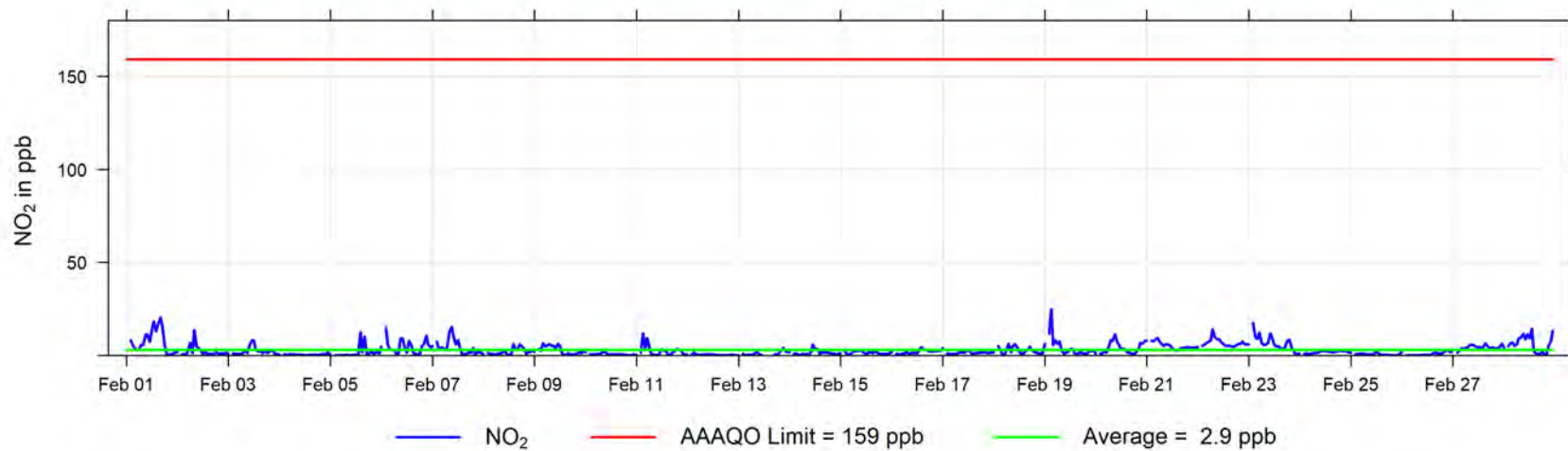
February 2026 Hourly Concentration Readings of NO (in ppb) at Milner



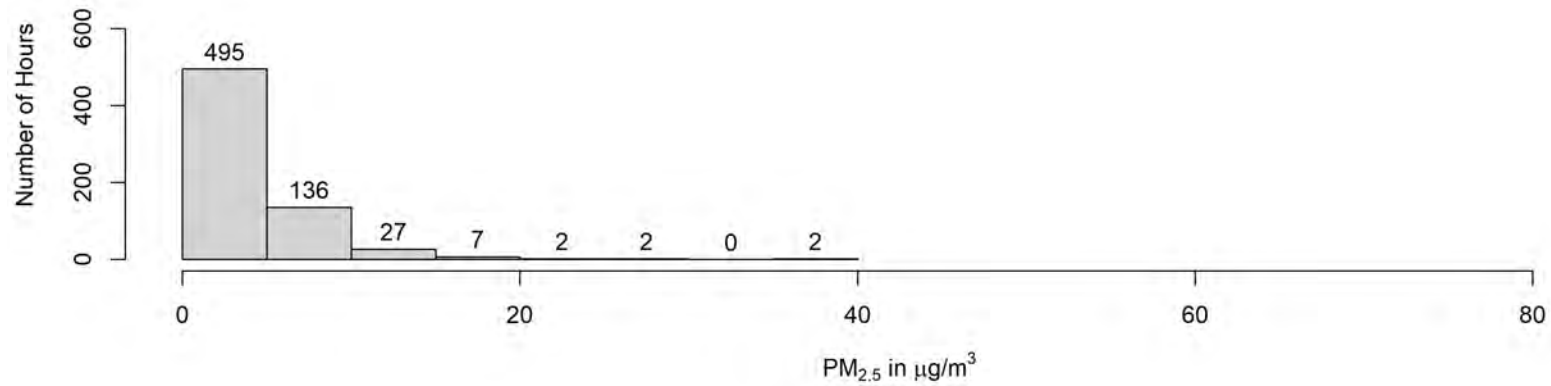
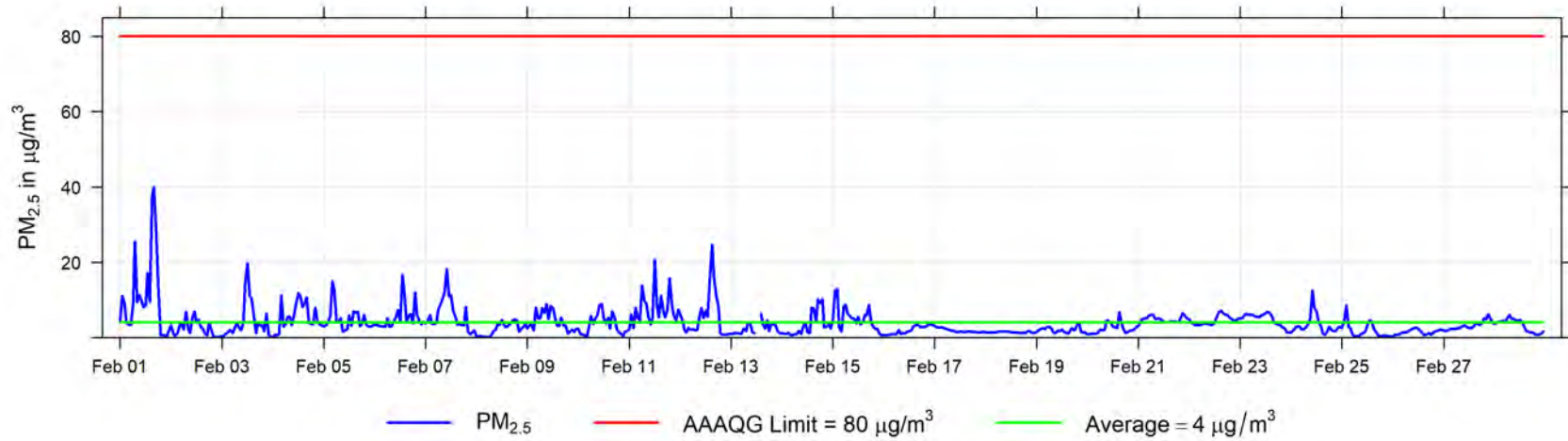
February 2026 Hourly Concentration Readings of NO_x (in ppb) at Milner



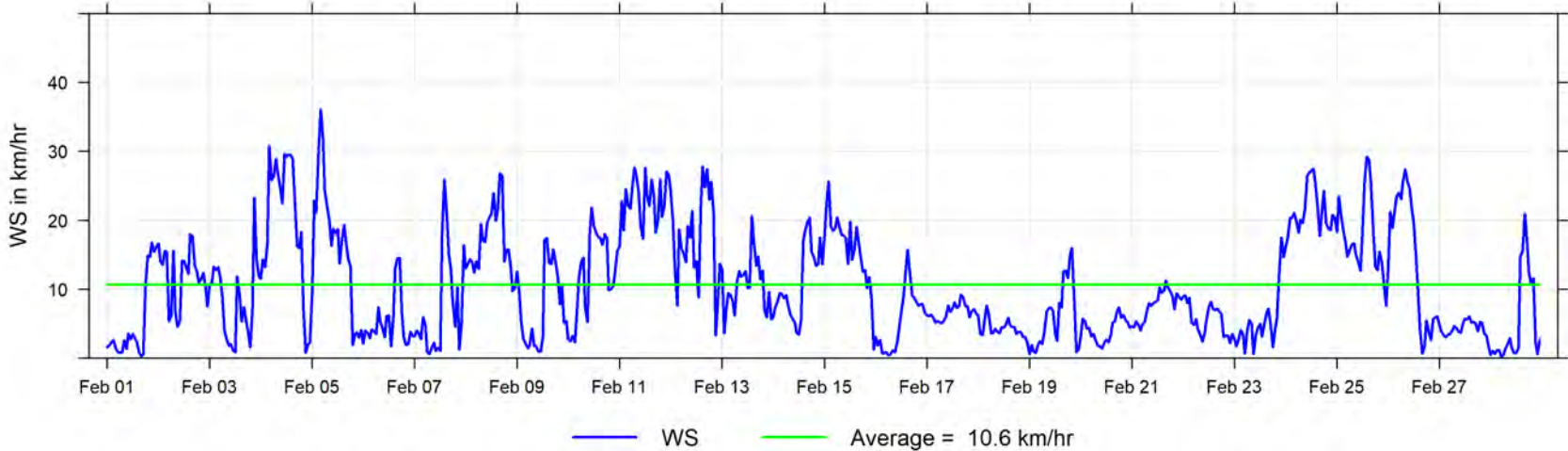
February 2026 Hourly Concentration Readings of NO₂ (in ppb) at Milner



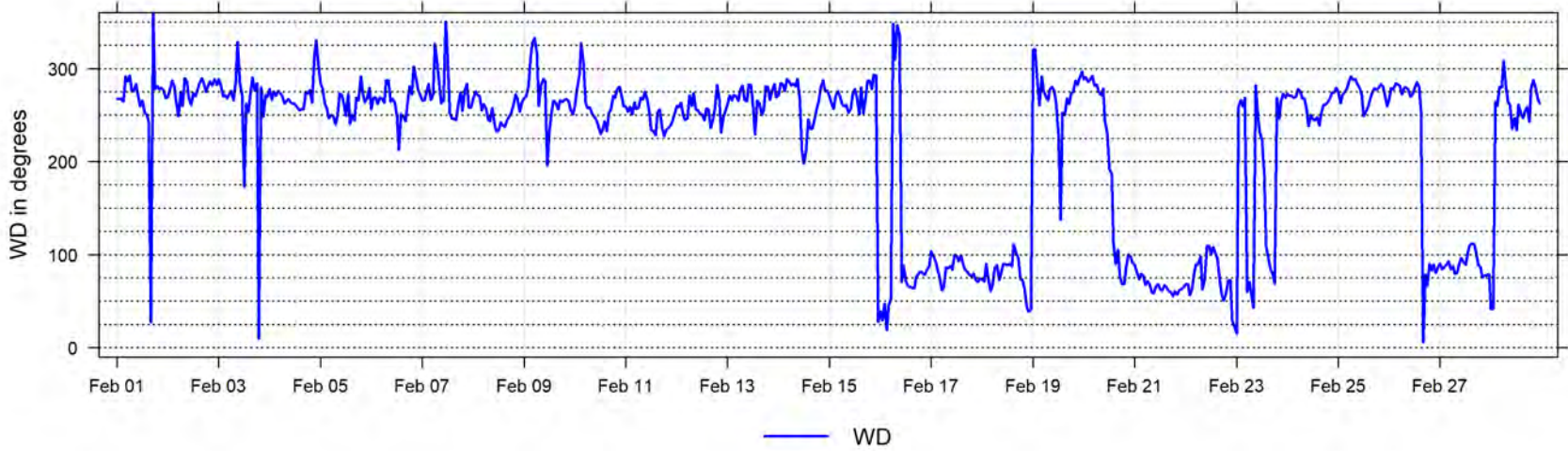
February 2026 Hourly Concentration Readings of PM_{2.5} in $\mu\text{g}/\text{m}^3$ at Milner



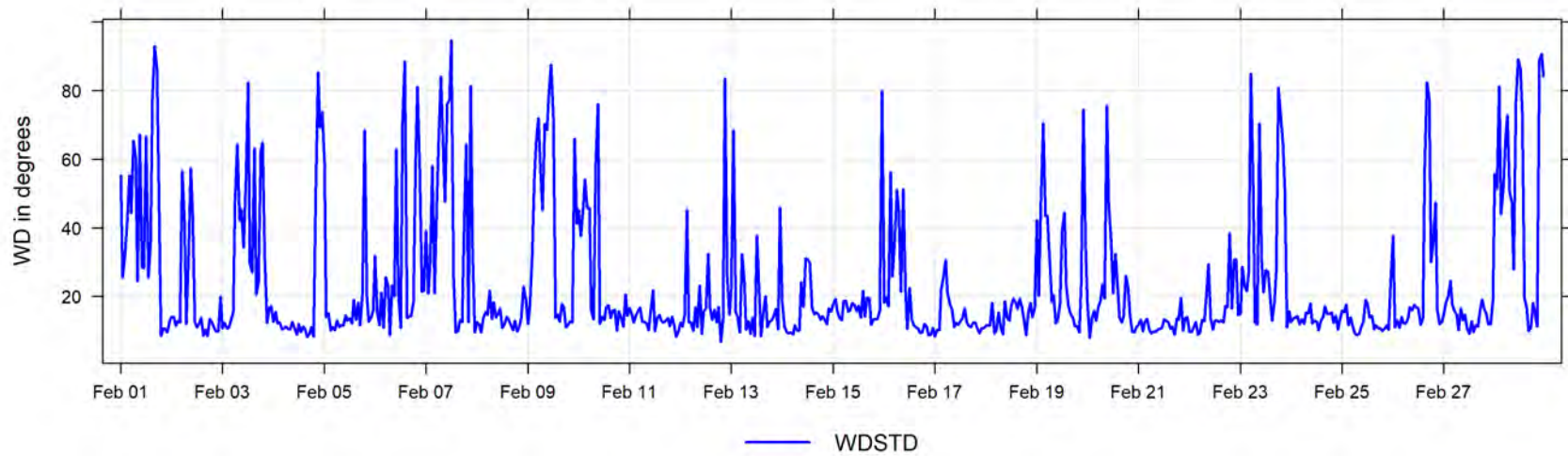
February 2026 Hourly Readings of Wind Speed (in km/hr) at Milner

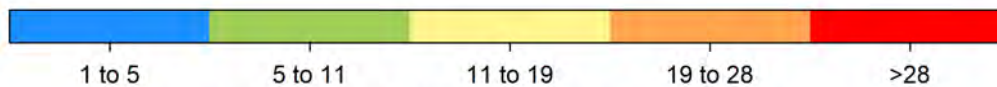
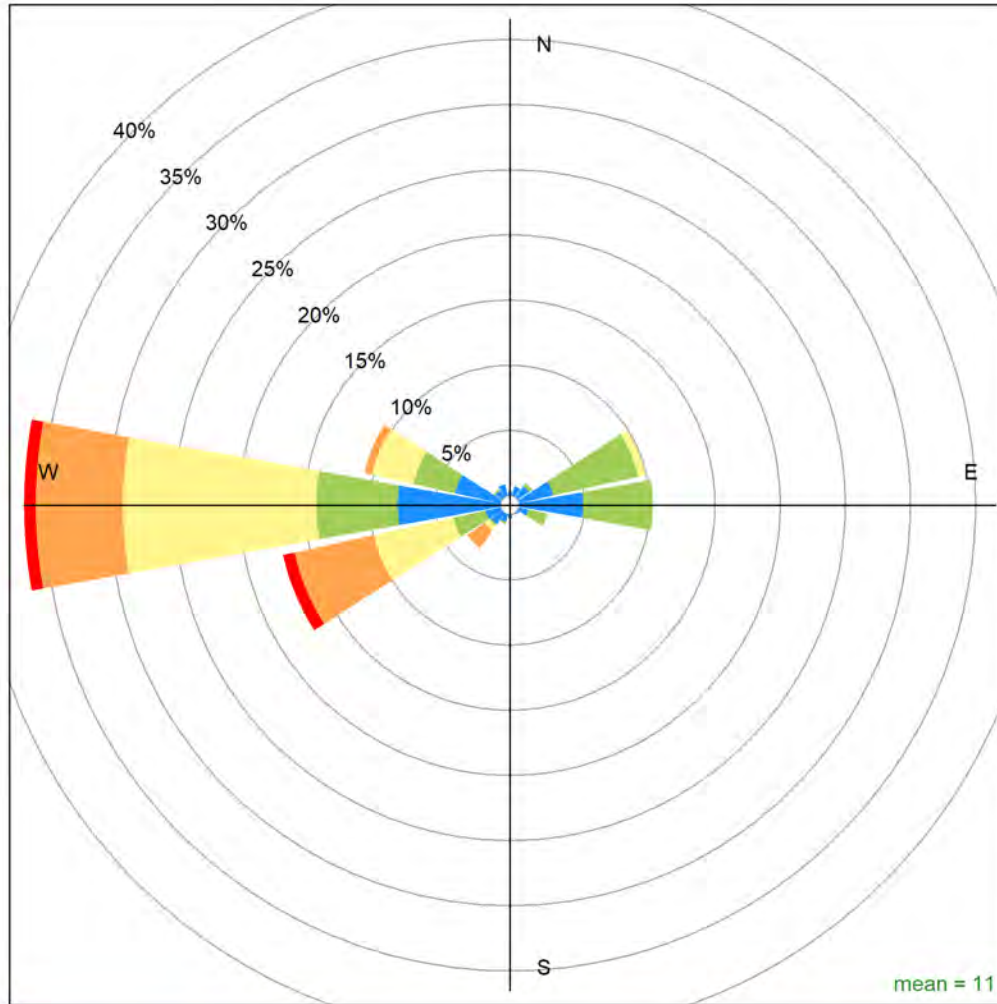


February 2026 Hourly Readings of Wind Direction (in degrees) at Milner



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





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

Calms (<1km/hr) = 4.8 %

10 Passive Monitoring Data

Peace Airshed Zone Association - PAZA Passive Stations for February 2026

Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
Duplicates						
3a	Forth Creek	0.2				04-13-082-07 W6M
3b	Forth Creek	0.2				
19a	Wanham	0.5				16-22-077-03 W6M
19b	Wanham	0.6				
23a	Bear Lake	0.7				15-31-072-06 W6M
23b	Bear Lake	0.7				
25a	Pinto Creek			0.5		04-24-069-11 W6M
25b	Pinto Creek			0.5		
32a	Gold Creek			4.8		06-33-067-05 W6M
32b	Gold Creek			4.3		
34a	Puskwaskau	0.2				15-35-074-25 W5M
34b	Puskwaskau	0.3				
36a	Guy			0.4		03-04-076-22 W5M
36b	Guy			0.4		
46a	Little Smoky			2.7		12-01-065-21 W5M
46b	Little Smoky			3.2		
47a	Kinuso		37.0			12-10-073-10 W5M
47b	Kinuso		33.6			
D1a	Duvernay 1	0.3			0.08	04-33-062-20 W5M
D1b	Duvernay 1	0.4			0.10	
G3a	Girouxville 3				not collected	14-02-077-23 W5M
G3b	Girouxville 3				not collected	
K3a	Kakwa 3			4.9		12-18-063-04 W6M
K3b	Kakwa 3			4.7		
K4a	Kakwa 4	1.8				06-18-063-04 W6M
K4b	Kakwa 4	1.9				
K1a	Kakwa 1				0.06	01-13-063-05 W6M
K1b	Kakwa 1				0.05	
M9Aa	Milner Pipeline			1.7		12-14-058-08 W6M
M9Ab	Milner Pipeline			1.5		
M10a	Milner Powerline	0.2				06-14-058-08 W6M
M10b	Milner Powerline	0.2				
J3Da	Jayar3 Bone Yard			1.9		14-08-062-03 W6M
J3Db	Jayar3 Bone Yard			1.8		
J1Da	Jayar1 Plant	0.4				06-08-062-03 W6M
J1Db	Jayar1 Plant	0.4				
J5Da	Jayar5 Camp				0.65	11-08-062-03 W6M
J5Db	Jayar5 Camp				0.49	

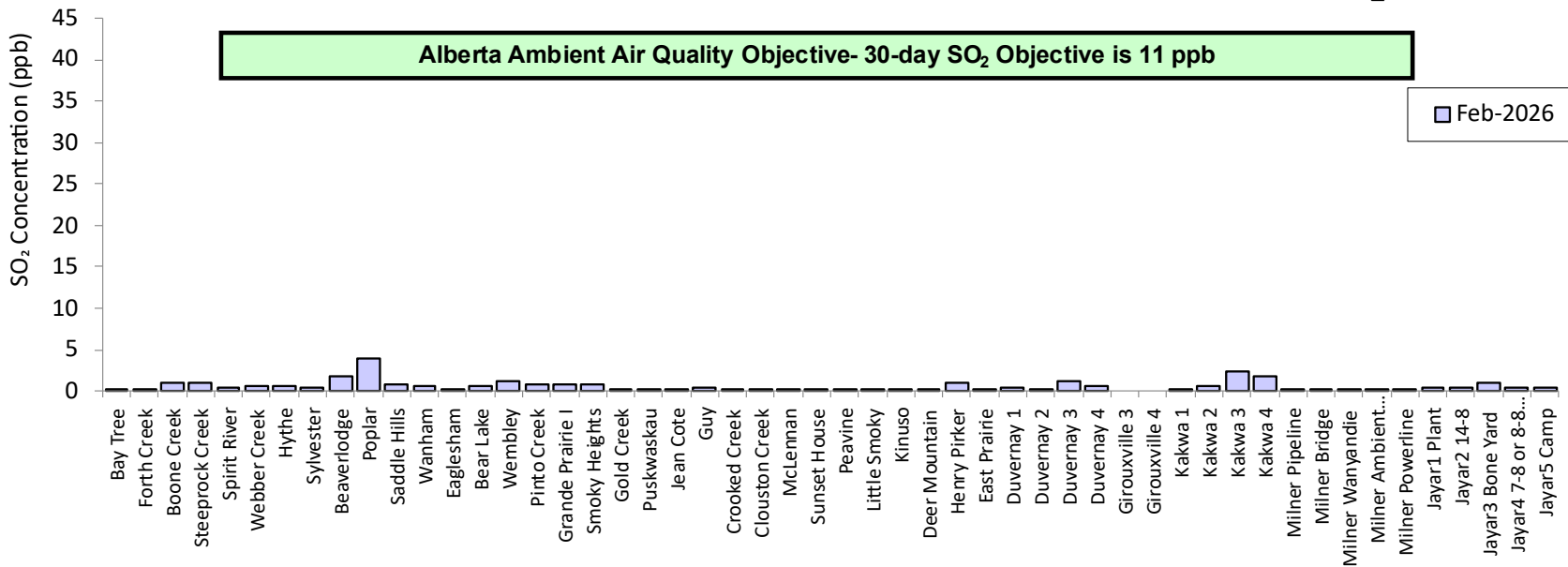
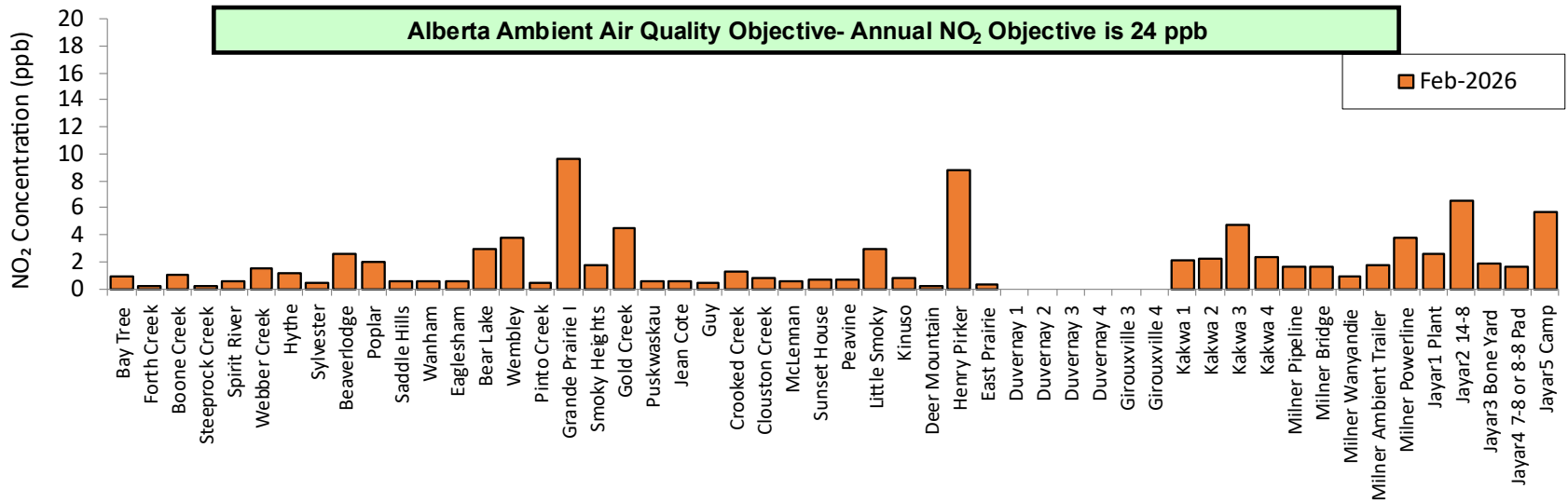
Station Number	Station Name	SO2 ppb	O3 ppb	NO2 ppb	H2S ppb	LSD
2	Bay Tree	0.2	40.9	0.9	-	13-16-078-13 W6M
3	Forth Creek	0.2	-	0.2	-	04-13-082-07 W6M
5	Boone Creek	1.1	-	1.0	-	01-23-076-11 W6M
7	Steeprock Creek	0.9	-	0.2	-	09-35-072-13 W6M
9	Spirit River	0.4	-	0.6	-	08-12-079-07 W6M
11	Webber Creek	0.7	-	1.5	-	09-36-074-09 W6M
12	Hythe	0.7	-	1.1	-	14-36-072-11 W6M
14	Sylvester	0.5	-	0.5	-	08-06-069-12 W6M
16	Beaverlodge	1.8	-	2.6	-	15-36-071-10 W6M
17	Poplar	4.0	-	2.0	-	13-06-073-08 W6M
18	Saddle Hills	0.7	-	0.6	-	04-25-074-07 W6M
19	Wanham	0.6	-	0.6	-	16-22-077-03 W6M
21	Eaglesham	0.3	-	0.6	-	16-21-079-25 W5M
23	Bear Lake	0.7	-	3.0	-	15-31-072-06 W6M
24	Wembley	1.2	-	3.8	-	12-31-070-08 W6M
25	Pinto Creek	0.9	-	0.5	-	04-24-069-11 W6M
27	Grande Prairie I	0.9	-	9.6	-	08-15-071-06 W6M
29	Smoky Heights	0.7	-	1.7	-	04-06-075-02 W6M
32	Gold Creek	0.2	-	4.5	-	06-33-067-05 W6M
34	Puskwaskau	0.3	-	0.6	-	15-35-074-25 W5M
35	Jean Cote	0.3	-	0.6	-	12-35-079-21 W5M
36	Guy	0.4	-	0.4	0.13	03-04-076-22 W5M
37	Crooked Creek	0.3	44.9	1.3	-	16-01-071-26 W5M
39	Clouston Creek	0.3	-	0.8	-	12-01-073-22 W5M
40	McLennan	0.3	-	0.6	-	03-29-077-19 W5M
42	Sunset House	0.3	-	0.7	-	05-32-070-19 W5M
44	Peavine	0.2	-	0.7	-	03-05-079-15 W5M
46	Little Smoky	0.2	-	2.9	-	12-01-065-21 W5M
47	Kinuso	0.1	35.3	0.8	-	12-10-073-10 W5M
48	Deer Mountain	0.1	-	0.2	-	15-22-068-09 W5M
49	Henry Pirker	0.9	-	8.8	-	17-26-071-06 W6M
50	East Prairie	0.2	-	0.3	-	11-13-079-08 W6M
D1	Duvernay 1	0.4	-	-	0.09	04-33-062-20 W5M
D2	Duvernay 2	0.3	-	-	0.12	04-33-062-20 W5M
D3	Duvernay 3	1.1	-	-	0.12	04-33-062-20 W5M
D4	Duvernay 4	0.6	-	-	0.13	04-33-062-20 W5M
G3	Girouxville 3	-	-	-	not collected	14-02-077-23 W5M
G4	Girouxville 4	-	-	-	not collected	04-08-077-22 W5M
K1	Kakwa 1	0.3	-	2.1	0.06	01-13-063-05 W6M
K2	Kakwa 2	0.6	-	2.2	0.07	08-13-063-05 W6M
K3	Kakwa 3	2.4	-	4.8	0.11	12-18-063-04 W6M
K4	Kakwa 4	1.9	-	2.3	0.11	06-18-063-04 W6M
M1	Milner Pipeline	0.1	-	1.6	-	12-14-058-08 W6M
M2	Milner Bridge	0.2	-	1.6	-	08-06-057-08 W6M
M3	Milner Wanyandie	0.1	-	0.9	-	11-13-058-08 W6M
M4	Milner Ambient Trailer	0.3	-	1.8	-	09-15-058-08 W6M
M5	Milner Powerline	0.2	-	3.8	-	06-14-058-08 W6M
J1	Jayar1 Plant	0.4	-	2.6	0.15	06-08-062-03 W6M
J2	Jayar2 14-8	0.5	-	6.5	0.16	07-08-062-03 W6M
J3	Jayar3 Bone Yard	1.1	-	1.9	0.09	14-08-062-03 W6M
J4	Jayar4 7-8 or 8-8 Pad	0.4	-	1.6	0.09	10-08-062-03 W6M
J5	Jayar5 Camp	0.5	-	5.7	0.57	11-08-062-03 W6M

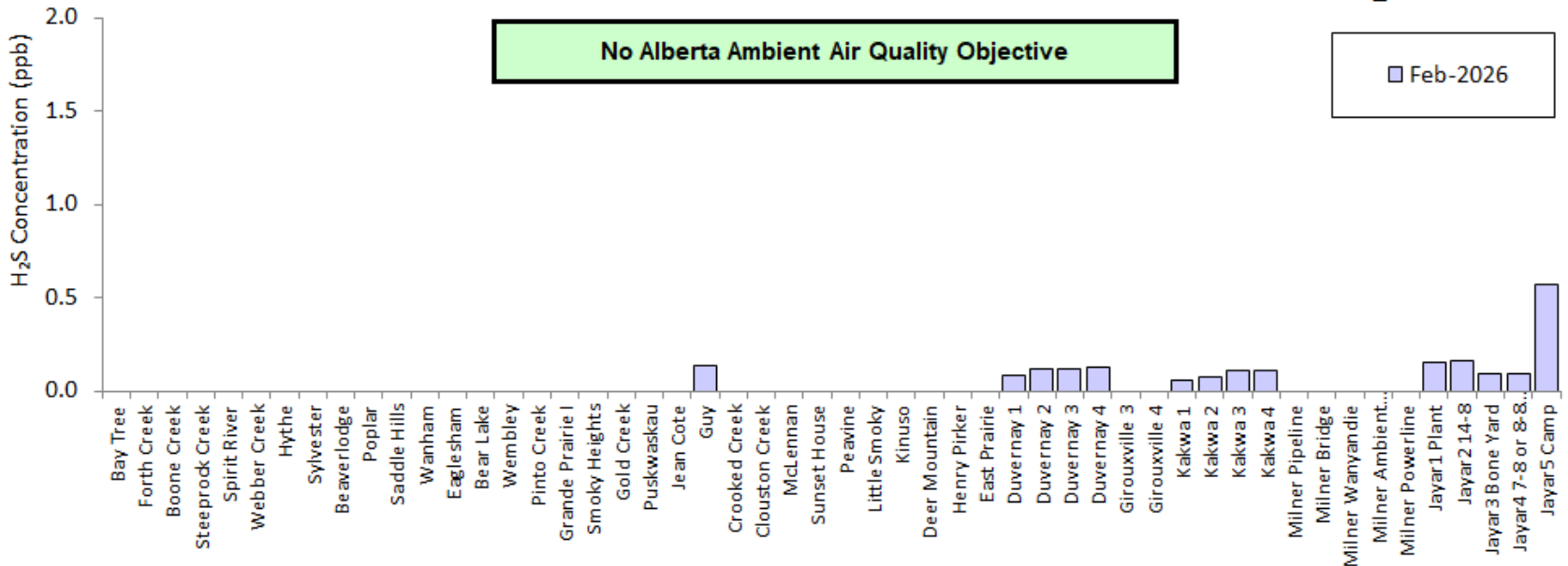
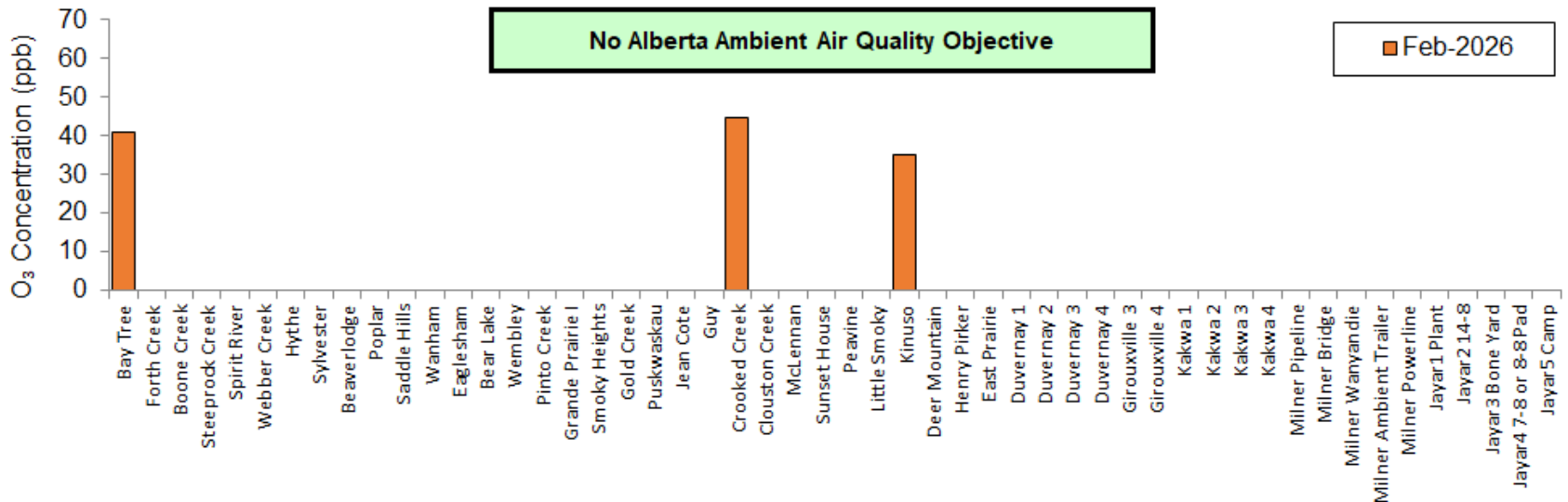
Passive Summary for February 2026

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

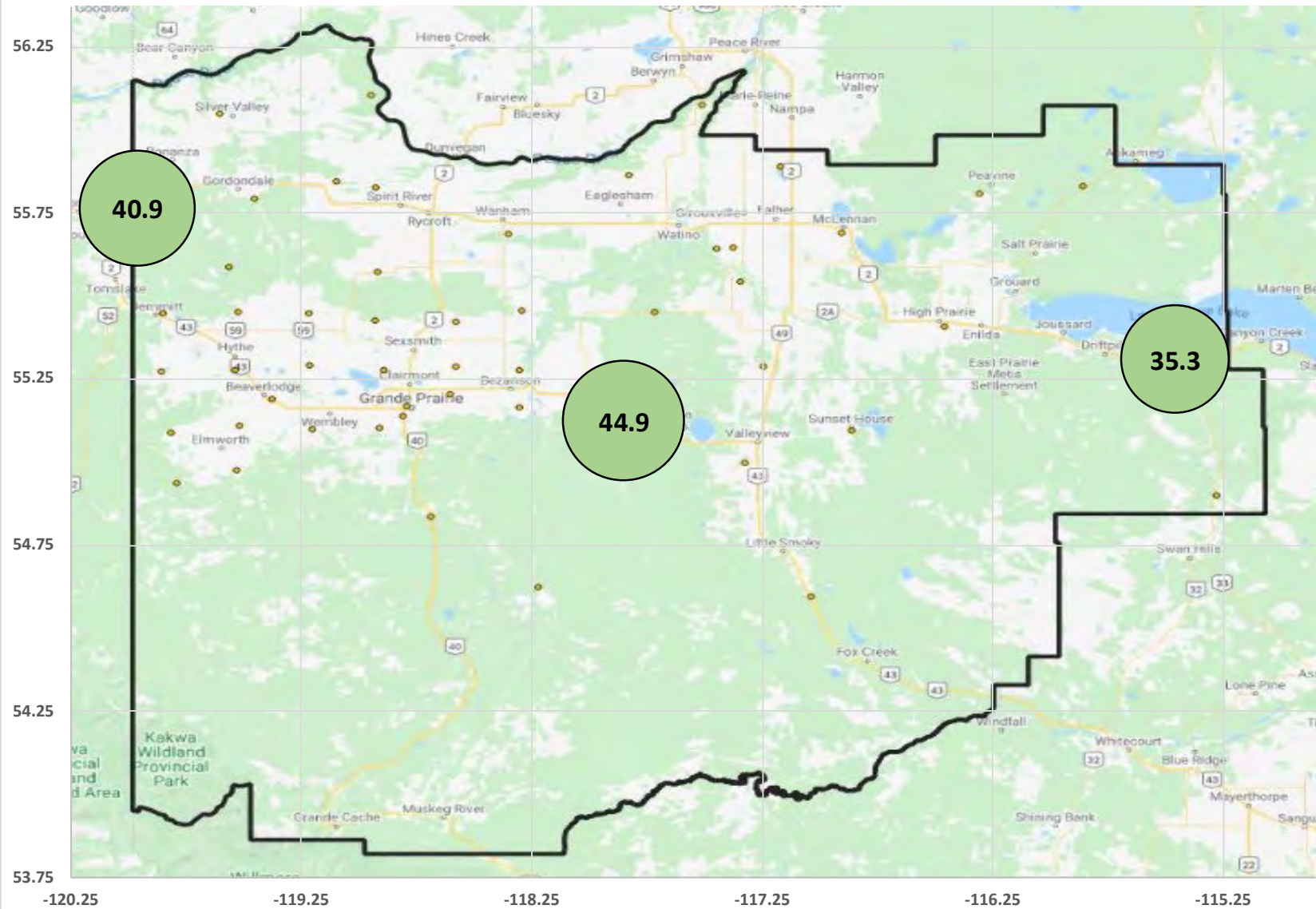
Passive Summary for February 2026 (PAZA)				
Mean	0.6	40.4	2.0	0.1
Standard Deviation	0.7	4.8	2.1	0.1
Minimum	0.1	35.3	0.2	0.1
	Milner Pipeline (#M1)	Kinuso (#47)	Forth Creek (#3)	Kakwa 1 (#K1)
Maximum	4.0	44.9	9.6	0.6
	Poplar (#17)	Crooked Creek (#37)	Grande Prairie I (#27)	Jayar5 Camp (#J5)

Continuous and Passive Monitoring Comparison				
PAZA Beaverlodge Station	1.8	29.0	5.9	-
Beaverlodge Passive (#16)	1.8	-	2.6	-
PAZA Henry Pirker Station	0.6	19.9	16.3	0.3
Henry Pirker passive (#49)	0.9	-	8.8	-
Milner Station	-	-	2.9	-
Milner passive	0.3	-	1.8	-

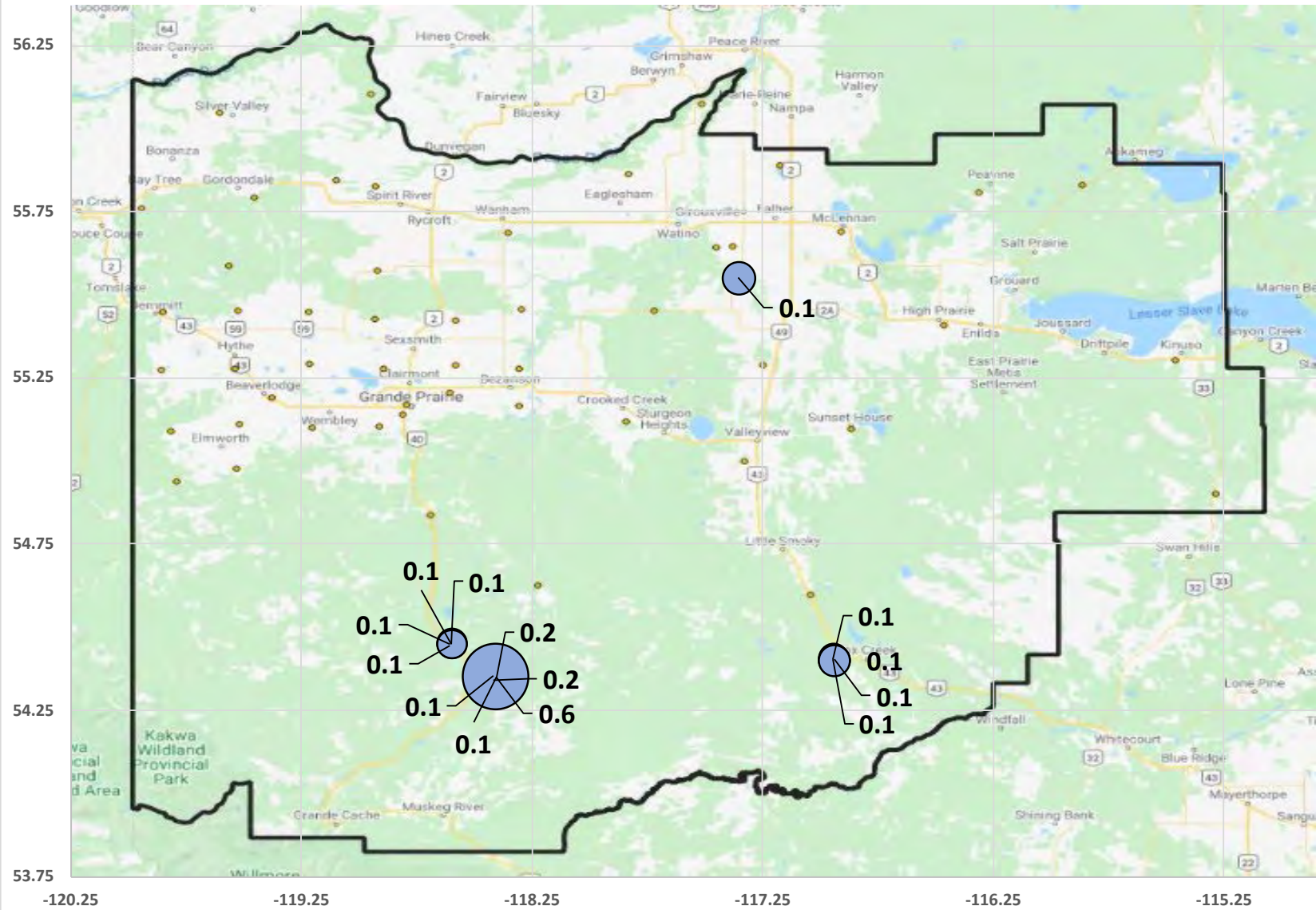




O₃ Monthly Average (units in ppb)



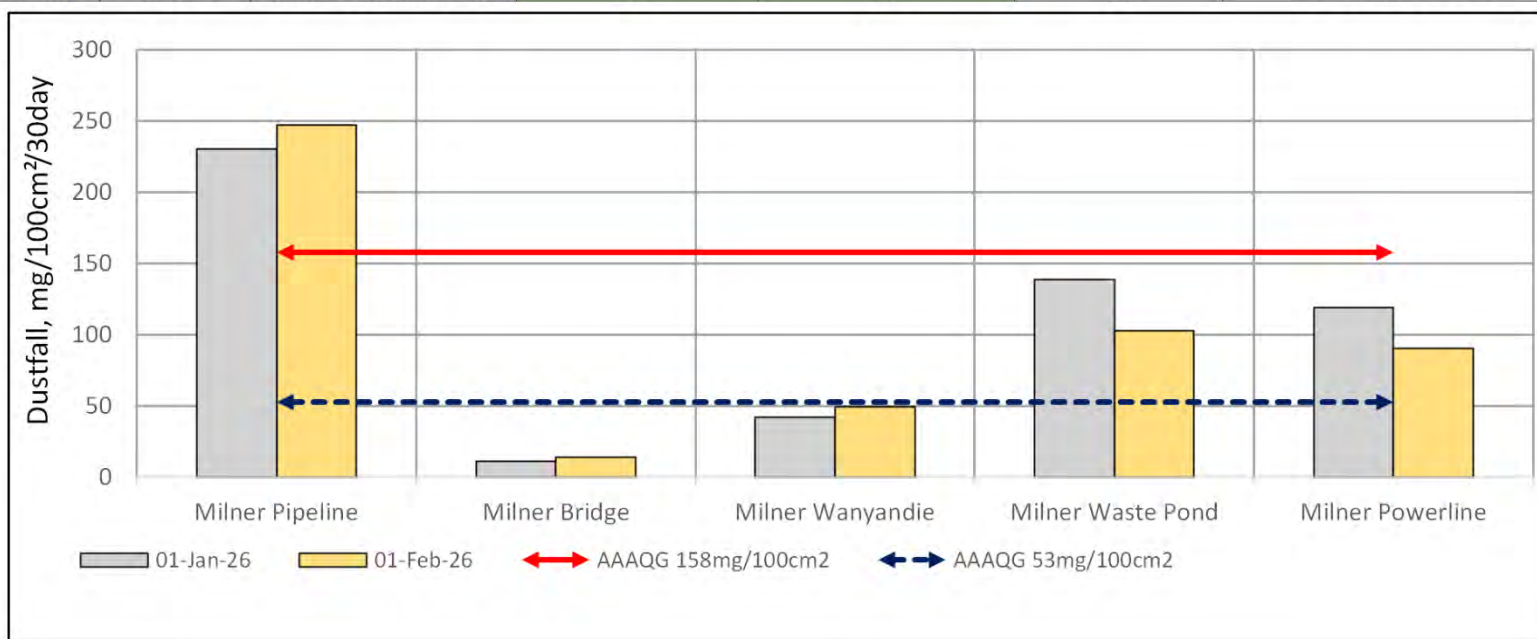
H₂S Monthly Average (units in ppb)



11 Dustfall Monitoring Data

Milner Dustfall Samples February 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
February	2026	Milner Pipeline	247.1	71.3	28	Ref 451303
February	2026	Milner Bridge	13.9	9.6	28	
February	2026	Milner Wanyandie	49.6	9.6	28	
February	2026	Milner Waste Pond	102.6	25.2	28	
February	2026	Milner Powerline	90.5	24.4	28	
February	2026	Milner Powerline Dup	56.5	20.9	28	RPD, 46% / 15%



End of Report



Peace Airshed Zone Association

Ambient Air Monitoring Report

February 2026