



Peace River Area Monitoring Program

FEBRUARY 2025

Monthly Ambient Air Quality Monitoring Report

PRAMP-202502

Operation and Maintenance:

Bureau Veritas Canada

Data Validation and Report:

Peace River Area Monitoring Program

March 18, 2025

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LIST OF ACRONYMS

AAAQOs	Alberta Ambient Air Quality Objectives
AEP	Alberta Environment and Parks
AMD	Air Monitoring Directive
AT	Ambient Temperature
BP	Barometric Pressure
CH ₄	Methane
EPEA	Environmental Protection and Enhancement Act
H ₂ S	Hydrogen Sulphide
kph	kilometers per hour
mb	millibar
mm	millimeter
NMHC	Non-Methane Hydrocarbons
ppb	parts per billion
ppm	parts per million
PRAMP	Peace River Area Monitoring Program
RH	Relative Humidity
SO ₂	Sulphur Dioxide
ST	Station Temperature
THC	Total Hydrocarbons
TRS	Total Reduced Sulphur
VWD	Vector Wind Direction
VWS	Vector Wind Speed
WD	Wind Direction
WS	Wind Speed
°C	Degrees Celsius



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March 18, 2025

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

RE: PRAMP – February 2025 Monthly Ambient Air Quality Monitoring Report

Enclosed is the February 2025 Monthly Ambient Air Quality Monitoring Report for the continuous ambient air quality monitoring stations of the Peace River Area Monitoring Program (PRAMP) regional air quality monitoring network.

The representative of the Person Responsible for this monitoring program is

PRAMP Airshed
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This report has been prepared, review and submitted by Michael Bisaga & Lily Lin of the PRAMP Airshed. This report is also submitted on behalf of the industrial member companies to satisfy the requirements of the facility operating approvals.

PRAMP Airshed has retained the services of Bureau Veritas Canada to conduct continuous ambient monitoring on its behalf.

NETWORK STATION SUMMARY

Listing of Continuous Monitoring Stations

The PRAMP continuous ambient air quality monitoring network stations are:

- 986-C Station
- 842-B Station
- Reno-B Station
- AQHI Grimshaw
- Peace River Complex (PRC) Station

Station ID	Station Name	Latitude	Longitude
1562	986-C	56.36980	-116.92500
1561	842-B	56.27406	-116.98129
1563	Reno-B	55.890868	-117.137080
1689	AQHI-Grimshaw	56.18657	-117.604994
1698	PRC	56.38257	-116.769283

Listing of Intermittent Monitoring Stations

- VOC Canister Sampling Station
 - 986-C Station
 - 842-B Station
 - Reno-B Station

Listing of PRAMP member with EPEA Facility Operating Approval

Company	Facility	Approval No.
Canadian Natural Upgrading Limited	Peace River Complex	1642-03-00

Calibration and Data Submission

Hourly data and calibration reports for February 2025 were submitted to the ETS data system for the 986-C station, 842-B station, Reno-B station, PRC station and AQHI-Grimshaw station.

Monitoring Operations Notes during the Month of February 2025

Precipitation: With lower ambient temperatures recorded this month, the built-in heater may not work as efficiently as it should be when temperatures drop below approximately -10 °C. As a result, precipitation data collected at the 986-C, 842-B and Reno-B stations should be used with caution.

All stations H2S/TRS: Low ambient temperatures had a marked effect on H2S/TRS span results. This is a perennial problem when the moisture levels in sample air drop very low, causing TRS/H2S analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally. Although daily span check results were often below the requirements, and the daily zero check results were occasionally close to or outside the allowable drift range (while low temperatures were occurring), experience indicates the analyzer's performance remains in compliance with AMD performance criteria, and collected data remain valid.

986-C Station

- No major operational issues were identified this month.

842-B Station

- No major operational issues were identified this month.

Reno-B Station

- **Gas analyzers:** The software of the Ultimate datalogger was upgraded on February 12. After the maintenance, the configuration for the daily zero-span program was impacted. The scheduled zero-span checks for the TRS and HC analyzers on February 12 were missed as a result. The problem was corrected on February 13. A manual zero-span check for the SO2 and TRS analyzers was initiated on February 13 at hour 21.

PRC Station

- No major operational issues were identified this month.

AQHI – Grimshaw Station

- **NOx/NO/NO2:** The Teledyne T200 analyzer, s/n: 837, could not achieve stability during the as-found points check on February 11. Although the calibration was allowed to continue, the validity of the calibration is questionable. A repeat multi-point calibration was completed using different calibration equipment on February 26, and the calibration was completed without issues. The permeation oven temperature was reduced on February 26, and the expected span value was updated on February 28. Based on February 26's calibration results, it was suspected that there might be issues with the calibration system used to calibrate the analyzer on January 21, 22, 24, 29, 30 and February 11. Data collected between January 21 and February 26 were considered invalid and were discarded. Due to this event, the January data were revised. A total of 261 hours and 608 hours of downtime were recorded in January and February, respectively. Operational uptime for January and February was 64.9% and 9.5%, respectively. **DINC#0014930.**
- **PM2.5:** Two 1-hour exceedances were recorded on February 8; at concentration of 130 ug/m3 at hour 9 and at concentration of 101 ug/m3 at hour 10. **EDGE reference #: 438339.**

Exceedances of the AAAQOs and AAAQGs during the Month of February 2025

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) and /or Alberta Ambient Air Quality Guidelines (AAAQGs) where applicable, except Grimshaw PM2.5.

Date	Time (MST)	Average Period	AAAQOs / AAAQGs	Concentration	Wind speed	Wind Direction	Reference #
Feb 8	9	1-Hour	80 µg/m3	130 µg/m3	1.7 km/hr	205° (SSW)	438339
Feb 8	10	1-Hour	80 µg/m3	101 µg/m3	0.8 km/hr	216° (SW)	438339

Non-compliance Events during the Month of February 2025

- All data collected this month were compliant with the requirements outlined in the AMD 2016, except Reno-B station.
 - Reno-B station: After the software of the Ultimate datalogger was upgraded on February 12. The configuration for the daily zero-span program was interrupted. The scheduled zero-span checks for the TRS and HC analyzers on February 12 were missed due to a configuration error. The problem was corrected on February 13. **DINC#0014931.**
- All parameters met the 90% operational uptime requirement, except the AQHI - Grimshaw station.
 - AQHI-Grimshaw Station NOx/NO/NO2: The NOx/NO/NO2 analyzer could not achieve stability during the as-found points check on February 11. Although the calibration was allowed to continue, the validity of the calibration is questionable. A repeat multi-point calibration was completed using different calibration equipment on February 26, and the calibration was completed without issues. Based on February 26's calibration results, it was suspected that there might be issues with the calibration system used to calibrate the analyzer on January 21, 22, 24, 29, 30 and February 11. Data collected between January 21 and February 26 were considered invalid and therefore discarded. The January data were revised as a result. A total of 261 hours and 608 hours of downtime were recorded in January and February, respectively. Operational uptime for January and February was 64.9% and 9.5%, respectively. **DINC#0014930.**

VOCs Canister Sampling Program

- The canister sampling program collects a 1-hour sample of air when the continuously measured non-methane hydrocarbon (NMHC) concentration reaches a specified trigger point. The current trigger point is 0.3 ppm for non-methane hydrocarbons. The trigger point is based on real-time monitoring data that are averaged over a 5-minute period.
- The canister sample collection systems are in place at Station 986-C, 842-B, and the Reno-B Station; a canister sample collection system is not part of the suite of instruments currently deployed at both the PRC station and the AQHI-Grimshaw station.
- Sample analysis and analytical results were prepared and provided by InnoTech Alberta.
- No valid NMHC canister events were recorded this month.

Revisions to Alberta's Ambient Air Quality Data Warehouse

AQHI-Grimshaw Station NO_x/NO/NO₂ data collected in January 2025 were reviewed and revised based on the findings identified during the February equipment check. The analyzer could not achieve stability during the as-found points check on February 11. Based on February 26's repeat calibration results, it was suspected that there might be issues with the calibration system used to calibrate the analyzer on January 21, 22, 24, 29, 30 and February 11. Data collected between January 21 and February 26 were considered invalid and therefore discarded. The January data were revised as a result. The revised NO_x/NO/NO₂ data file, named AMB-PRAMP-202501-01689-VVC35 VVC37 VVC 39-R1, was submitted to ETS on March 28. **ETS #: 4786242**. The revised January 2025 monthly report, named PRAMP-202501-Amended, was submitted to ETS on March 28. **ETS # 4786246**.

Deviations from Authorized Monitoring Methods

Reno-B station: After the software of the Ultimate datalogger was upgraded on February 12, the configuration for the daily zero-span program was impacted after the datalogger update. The scheduled zero-span checks for the TRS and HC analyzers on February 12 were missed as a result. The problem was corrected on February 13. **DINC#0014931**.

Disclaimer

Baseline corrections were performed on the 1-minute data. 5-minute and hourly data were calculated based on the post-baseline correction 1-minute data set. Data verification/validation were then performed on the 5-minute and hourly data. Hourly data that are included in this report are the post-validation hourly data set.

Equipment calibration / maintenance records were provided by Bureau Veritas.

Certification

This report was prepared and submitted by Lily Lin in accordance with Chapter 9 of the Air Monitoring Directive (AMD 2016).

A handwritten signature in blue ink, appearing to read 'Lily Lin', with a stylized flourish at the end.

Lily Lin, Technical Program Manager, PRAMP Airshed

This report was reviewed by Michael Bisaga in accordance with Chapter 9 of the Air Monitoring Directive (AMD 2016).

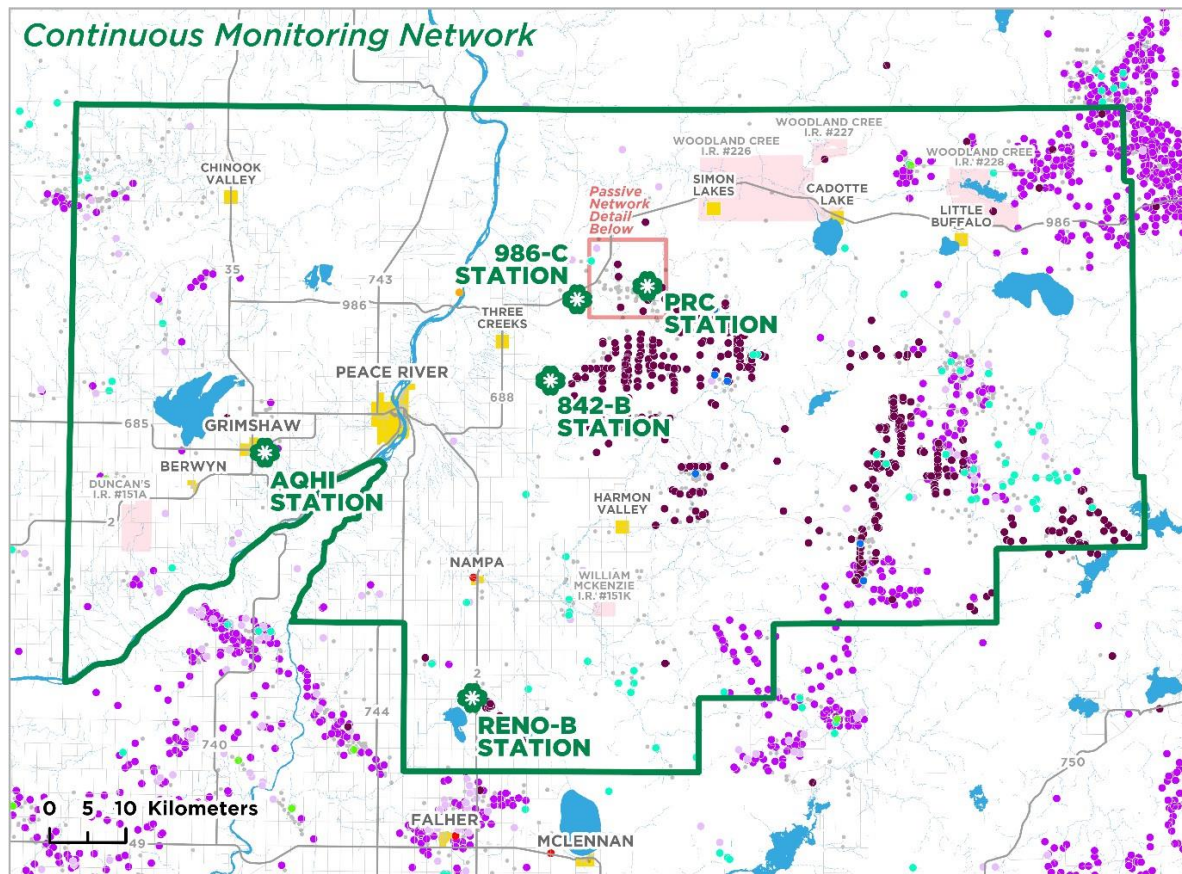
I certify that I have reviewed and verified this report and that the information is complete, accurate and representative of the monitoring results, reporting timeframe and the specified analysis, summarization and reporting requirements. I also certify that at the time of this report's submission, all air data have been electronically uploaded to ETS data system as required by the AMD. Uploading of VOC data from the canister sampling program was not required at the time of completing this report.

A handwritten signature in blue ink, appearing to read 'Michael Bisaga', with a stylized flourish at the end.

Michael Bisaga, Technical Program Manager, PRAMP Airshed

March 18, 2025

Map of PRAMP Continuous Monitoring Network



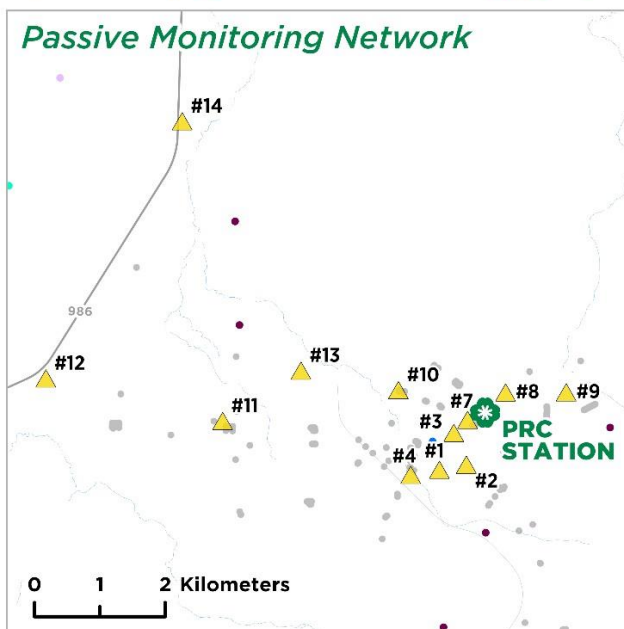
Legend

- PRAMP Boundary
- Populated Place
- First Nation
- * Continuous Monitoring Station
- ▲ Passive Monitoring Station

Industrial Facilities

- In-Situ Oil Sands
- Heavy Oil/Bitumen Well or Battery
- Conventional Oil Well or Battery
- Natural Gas Well or Battery
- Gas Plant or Gas Processing
- Compressor Station or Pipeline
- Agricultural Storage and Transfer
- Pulp and Paper
- Well (Not Associated with Batteries)

Service Layer Credit: Esri, CGI/AR, USCS, Esri, USCS



CONTINUOUS NETWORK EQUIPMENT AND MONITORING RESULTS SUMMARY

986 -C Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQTL #1193585646	February 19, 2025	No operational issues were recorded this month.
TRS Thermo 43iQTL #1191833341 TRS convertor CD Nova CDN-101 #530	February 25, 2025	- Low ambient temperatures had a marked effect on TRS span between February 1 and 19. This is a perennial problem when the moisture levels in sample air drop very low, causing TRS analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally. - A successful monthly calibration was completed on February 19. - The analyzer showed a positive span drift with some span results failing the calibration requirements between February 21 and 24. The problem was related to significant change in ambient temperatures. A repeat multi-point calibration was completed on February 25 to correct the drift. Four hours of downtime were recorded due to additional quality checks.
THC/CH4/NMHC Thermo 55i #1191032505 H2 Generator HG300 #191267063 Zero Air Supply Teledyne T701 #468	February 25, 2025	- A successful monthly calibration was completed on February 19. - A repeat multi-point calibration was completed on February 25 due to slight NMHC noise. Four hours of downtime were recorded due to additional quality checks.
Parameter	Verification Date	Equipment Operational Summary
RH Rotronic HC2-S3 #20626912	February 19, 2025	No operational issues were recorded this month.

Parameter	Verification Date	Equipment Operational Summary
BP MetOne 092 #Y23358	February 19, 2025	No operational issues were recorded this month.
AT Rotronic HC2-S3 #20626912	February 19, 2025	No operational issues were recorded this month.
ST COMET #189619	February 19, 2025	No operational issues were recorded this month.
Precipitation RM Young 52202 #TB 16325	February 19, 2025	No operational issues were recorded this month.
WS/ WD RM Young 05305AQ #180340	February 19, 2025	- Wind direction data contained in this report represents where the wind is coming from. - The last annual wind system calibration was completed on August 22, 2024. - No operational issues were recorded this month.

Monitored Data Summary for 986-C Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.2	0	4	Feb 5 at hr 10	16.6	SSW	1.6	Feb 5	100.0	95.1
TRS (ppb)	-	-	-	-	-	-	0.44	0.00	1.60	Feb 19 at hr 10	10.5	SE	1.15	Feb 18	99.4	94.5
THC (ppm)	-	-	-	-	-	-	2.07	1.88	2.66	Feb 3 at hr 8	4.3	SSE	2.22	Feb 3	99.4	94.5
CH4 (ppm)	-	-	-	-	-	-	2.07	1.88	2.64	Feb 3 at hr 8	4.3	SSE	2.22	Feb 3	99.4	94.5
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.02	Feb 15 at hr 9	3.8	S	0.00	Feb 22	99.4	94.5
RH (%)	-	-	-	-	-	-	76.6	46	100	Feb 22 at hr 22	6.4	SE	88.6	Feb 25	100.0	100.0
BP (millibar)	-	-	-	-	-	-	945	917	964	Feb 9 at hr 20	2.6	S	961	Feb 3	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-15.4	-39.4	8.3	Feb 27 at hr 14	12.8	WSW	5.5	Feb 27	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	24.2	13.6	26.5	Feb 25 at hr 15	14	SW	25.0	Feb 4	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	3.0	0.4	24.7	Feb 23 at hr 2	24.7	SSW	16.5	Feb 18	100.0	100.0
WDV (sector)	-	-	-	-	-	-	199 (SSW)	-	-	-	-	-	-	-	100.0	100.0

1- Date/ Time given is the first minimum and maximum value that was recorded

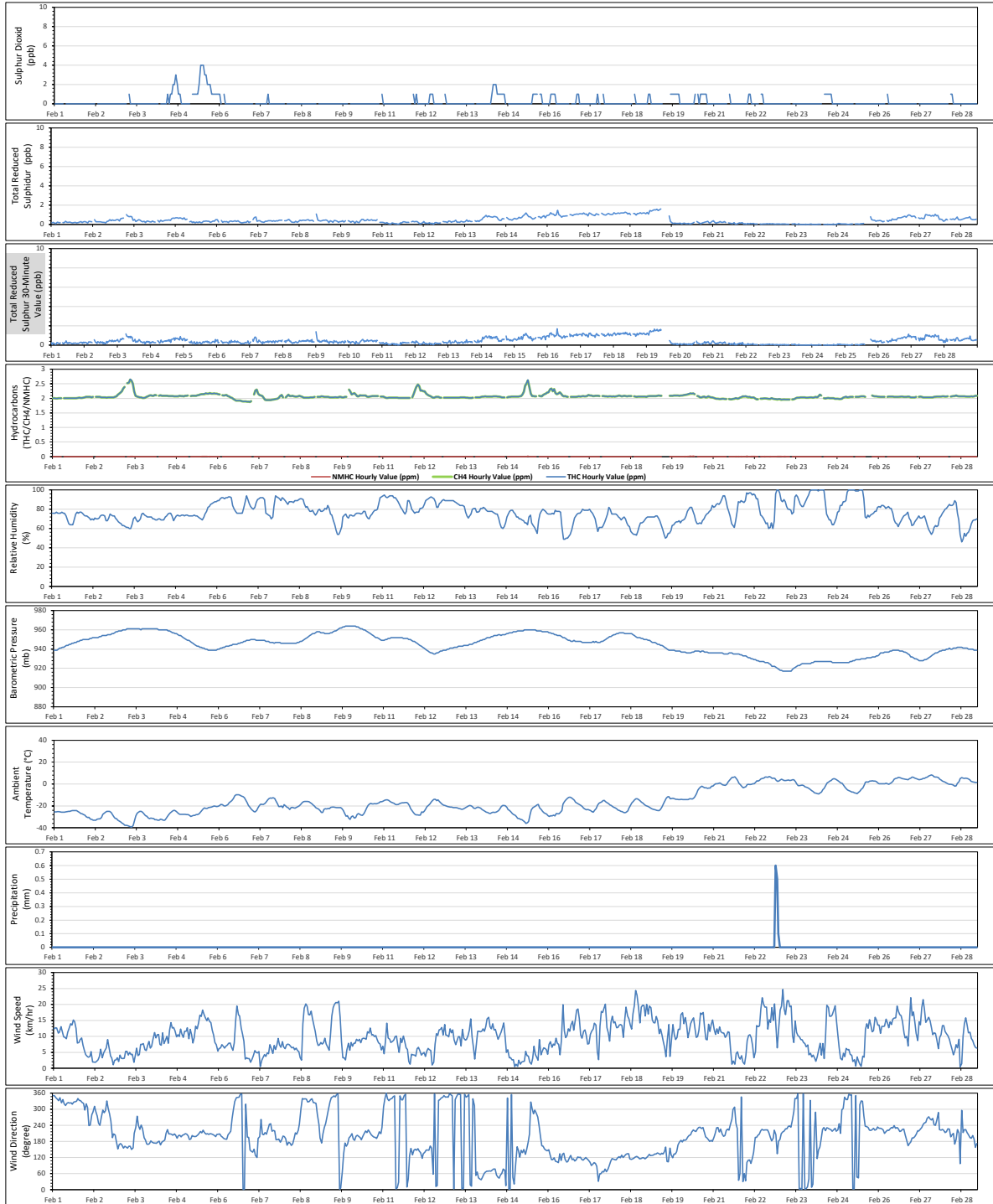
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.44	0.00	1.70	Feb 16 at 07:00	7.4	E	1.15	Feb 18	99.4	94.4

1- Date/ Time given is the first minimum and maximum value that was recorded

Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAQGs) Exceedances

The measured ambient air quality was within the AAAQOs and/or AAAQGs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Feb 2025 - 986-C Station



842-B Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQTL #1200736629	February 12, 2025	No operational issues were recorded this month.
TRS Thermo 43iQTL #1200736630 TRS Convertor CD Nova CDN-101 #552	February 13, 2025	- Low ambient temperatures had a marked effect on TRS span between February 3 and 5, and February 15 and 16. This is a perennial problem when the moisture levels in sample air drop very low, causing TRS analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally. - The analyzer failed at the low point calibration check on February 12. The SO2 scrubber material was replaced, and the analyzer was left offline overnight to stabilize. A successful post-repair calibration was completed on February 13. Data were invalidated back to the last valid calibration check on February 11. Forty-five hours of downtime were recorded due to this event.
THC/CH4/NMHC Thermo 55i #12208316589 H2 Generator HG300 #190567058 Zero Air Supply Teledyne T701 #1087	February 13, 2025	The monthly calibration attempted but aborted on February 12 due to issues with the calibration system's zero air supply. A successful calibration was completed using an alternate zero air supply on February 13. Six hours of downtime were recorded due to the additional quality check.

Parameter	Verification Date	Equipment Operational Summary
RH Rotronic HC2-S3 #24010202	February 12, 2025	No operational issues were recorded this month.
AT Rotronic HC2-S3 #24010202	February 12, 2025	No operational issues were recorded this month.
BP MetOne 092 #Y23362	February 12, 2025	No operational issues were recorded this month.
ST COMET #20790297	February 12, 2025	No operational issues were recorded this month.
Precipitation RM Young 52202 #TB 15878	February 12, 2025	No operational issues were recorded this month.
WS/ WD RM Young 05305AQ #174802	February 12, 2025	- Wind direction data contained in this report represents where the wind is coming from. - The last annual wind system calibration was completed on August 22, 2024. - No operational issues were recorded this month.

Monitored Data Summary for 842-B Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.2	0	5	Feb 5 at hr 11	13.5	SSW	1.8	Feb 5	100.0	94.8
TRS (ppb)	-	-	-	-	-	-	0.74	0.35	1.19	Feb 13 at hr 20	3.4	NE	0.88	Feb 3	93.3	88.4
THC (ppm)	-	-	-	-	-	-	2.15	1.99	3.75	Feb 3 at hr 8	1.1	ESE	2.59	Feb 3	99.1	94.0
CH4 (ppm)	-	-	-	-	-	-	2.15	1.99	3.75	Feb 3 at hr 8	1.1	ESE	2.59	Feb 3	99.1	94.0
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Feb 1 at hr 0	8.3	N	0.00	Feb 1	99.1	94.0
RH (%)	-	-	-	-	-	-	69.3	43	98	Feb 22 at hr 22	4.2	E	80.3	Feb 21	100.0	100.0
BP (millibar)	-	-	-	-	-	-	943	916	963	Feb 9 at hr 22	2.6	ESE	959	Feb 3	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-15.7	-39.4	7.9	Feb 22 at hr 16	14.8	SSW	5.0	Feb 27	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	23.3	20.0	24.5	Feb 14 at hr 5	9.4	ENE	23.9	Feb 15	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	2.4	0.2	22.7	Feb 27 at hr 10	22.7	WSW	14.8	Feb 27	100.0	100.0
WDV (sector)	-	-	-	-	-	-	212 (SSW)	-	-	-	-	-	-	-	100.0	100.0

1- Date/ Time given is the first minimum and maximum value that was recorded

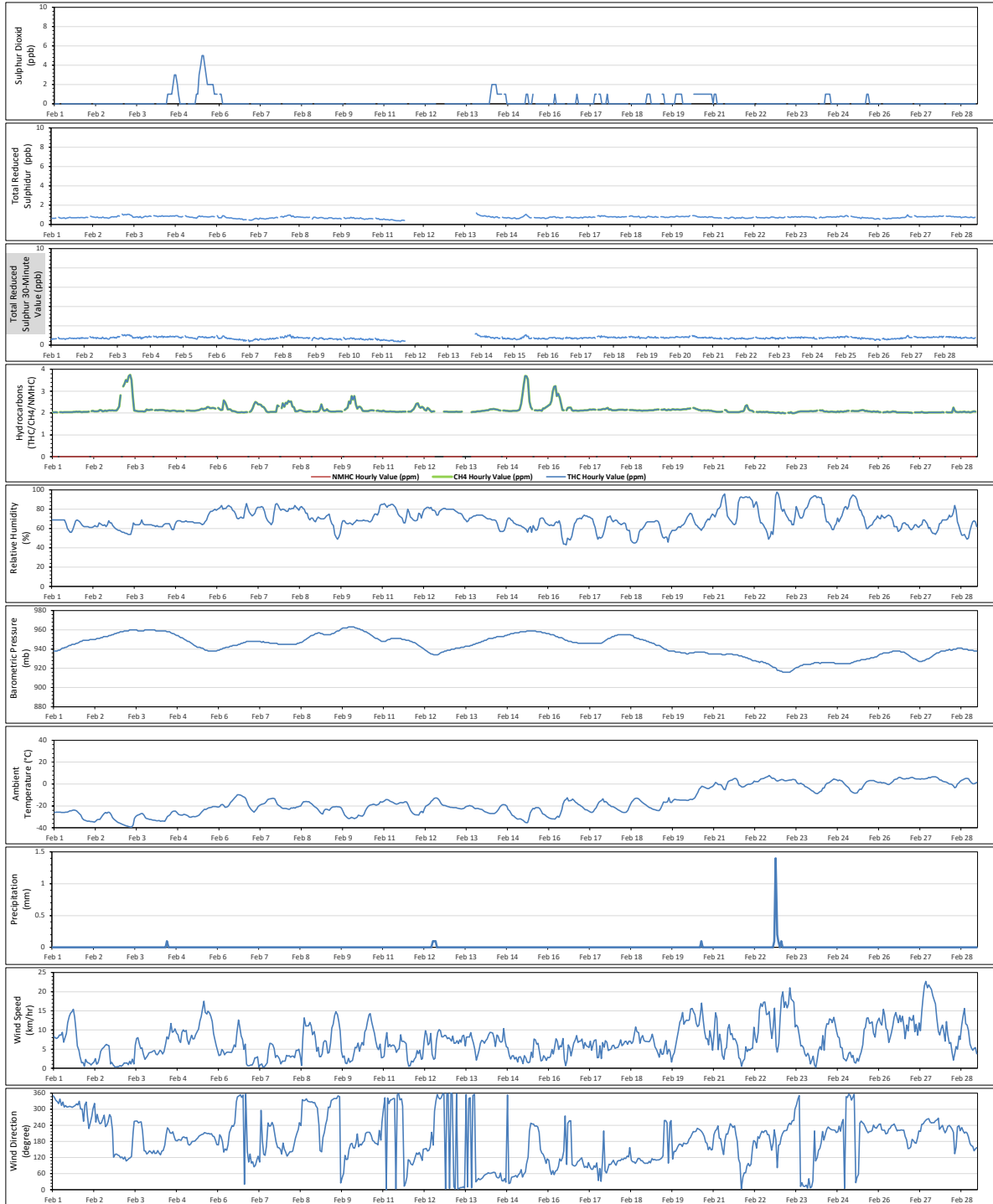
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.74	0.00	1.19	Feb 13 at 20:00	2.8	NE	1.04	Feb 13	93.3	88.4

1- Date/ Time given is the first minimum and maximum value that was recorded

Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAQGs) Exceedances

The measured ambient air quality was within the AAAQOs and/or AAAQGs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Feb 2025 - 842-B Station



Reno-B Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQTL #12101910505	February 20, 2025	No issues were identified this month.
TRS Thermo 43iQTL #12101910504 TRS Convertor CD Nova CDN-101 #590	February 20, 2025	- Low ambient temperatures had a marked effect on TRS span between February 3 and 5, and February 15. This is a perennial problem when the moisture levels in sample air drop very low, causing TRS analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally. - After the Ultimate datalogger software was upgraded on February 12, the configuration for the daily zero-span program was interrupted. The scheduled zero-span check on February 12 was missed due to a configuration error. The problem was corrected on February 13.
THC/CH4/NMHC Thermo 55i #1193585652 H2 Generator HG300 #210467069	February 20, 2025	After the Ultimate datalogger software was upgraded on February 12, the configuration for the daily zero-span program was interrupted. The scheduled zero-span check on February 12 was missed due to a configuration error. The problem was corrected on February 13.
Parameter	Verification Date	Equipment Operational Summary
RH Rotronic HC2-S3 #20467597	February 20, 2025	No issues were identified this month.
BP MetOne 092 #A17940	February 20, 2025	No issues were identified this month.

Parameter	Verification Date	Equipment Operational Summary
AT Rotronic HC2-S3 #20467597	February 20, 2025	No issues were identified this month.
ST COMET #NA	February 20, 2025	No issues were identified this month.
Precipitation RM Young 52202 #TB 15877	February 20, 2025	No issues were identified this month.
WS/ WD RM Young 05305AQ #174795	February 20, 2025	- Wind direction data contained in this report represents where the wind is coming from. - The last annual wind system calibration was completed on August 23, 2024. - No issues were identified this month.

Monitored Data Summary for Reno-B Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.1	0	4	Feb 5 at hr 23	10.7	SW	1.3	Feb 5	100.0	94.9
TRS (ppb)	-	-	-	-	-	-	0.37	0.17	1.96	Feb 26 at hr 18	5.9	WSW	0.47	Feb 26	100.0	95.1
THC (ppm)	-	-	-	-	-	-	2.12	1.95	2.75	Feb 1 at hr 19	9.5	NNW	2.24	Feb 15	100.0	95.1
CH4 (ppm)	-	-	-	-	-	-	2.12	1.95	2.75	Feb 1 at hr 19	9.5	NNW	2.24	Feb 15	100.0	95.1
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.07	Feb 2 at hr 4	9.8	NNW	0.00	Feb 2	100.0	95.1
RH (%)	-	-	-	-	-	-	74.7	52	100	Feb 22 at hr 20	4.8	SSW	85.3	Feb 12	100.0	100.0
BP (millibar)	-	-	-	-	-	-	944	917	964	Feb 9 at hr 22	4.8	S	960	Feb 3	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-15.5	-35.9	6.3	Feb 22 at hr 15	13.3	S	3.5	Feb 22	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	23.1	21.7	23.9	Feb 3 at hr 10	4.1	SW	23.6	Feb 5	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	2.8	0.1	33.9	Feb 27 at hr 9	33.9	W	20.5	Feb 27	100.0	100.0
WDV (sector)	-	-	-	-	-	-	192 (S)	-	-	-	-	-	-	-	100.0	100.0

1- Date/ Time given is the first minimum and maximum value that was recorded

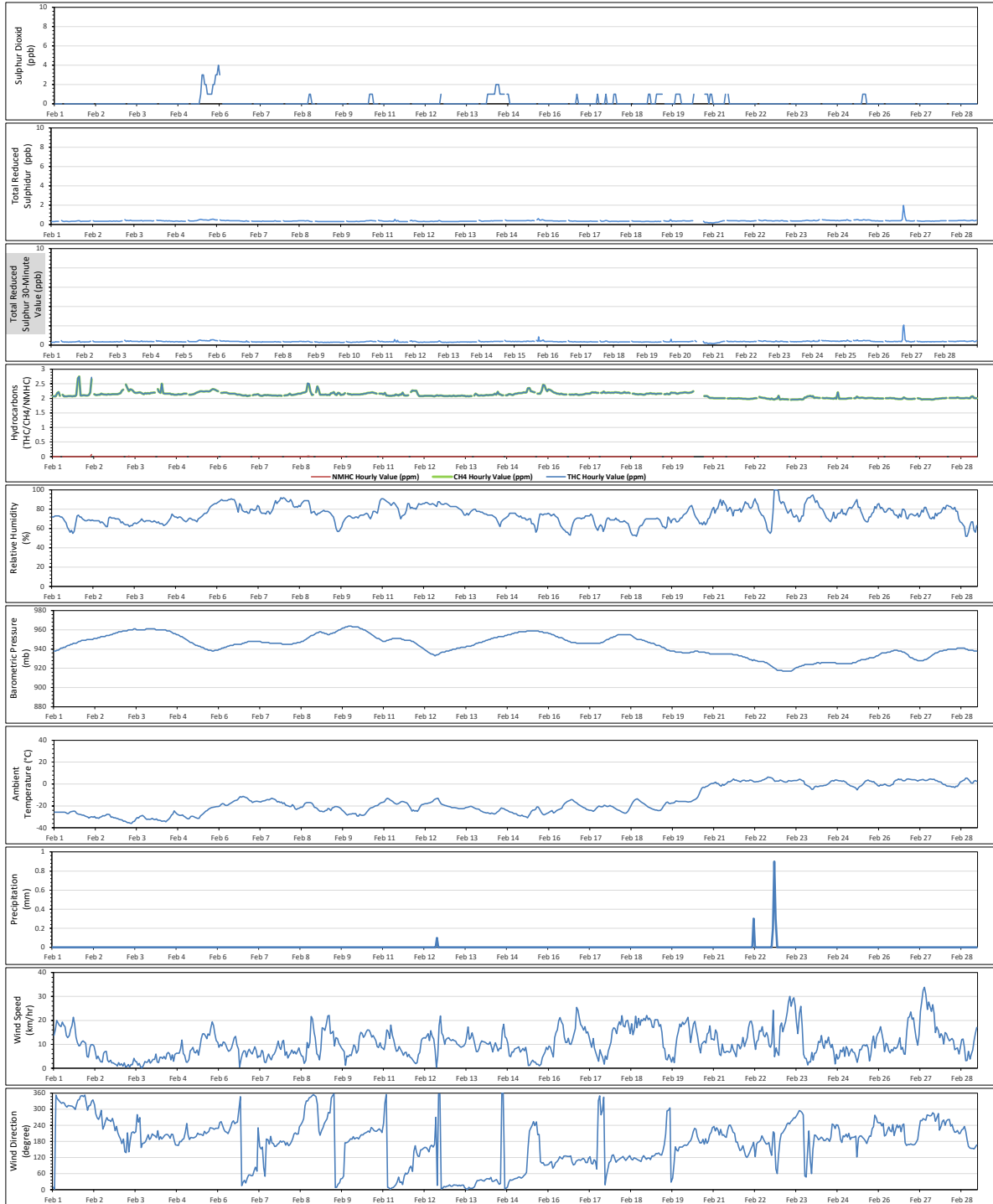
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.37	0.00	2.08	Feb 26 at 18:30	3.7	SW	0.47	Feb 26	100.0	95.1

1- Date/ Time given is the first minimum and maximum value that was recorded

Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAQGs) Exceedances

The measured ambient air quality was within the AAAQOs and/or AAAQGs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Feb 2025 - Reno-B Station



PRC Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43i #1034746225	February 18, 2025	The sample pump failed on February 16 at hour 22. The pump was replaced, and a post-repair calibration was completed on February 18. Forty-one hours of downtime were recorded.
H2S Teledyne T100 #1014	February 25, 2025	- Low ambient temperatures had a marked effect on TRS span between February 3 and 5, and February 15. This is a perennial problem when the moisture levels in sample air drop very low, causing H2S analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally. - A successful monthly calibration was completed on February 18. - A repeat multi-point calibration was completed to correct span drifts on February 25. Five hours of downtime were recorded.
TRS Thermo 450i #1034746224 TRS Convertor CD Nova CDN-101 #516	February 18, 2025	Low ambient temperatures had a marked effect on TRS span between February 2 and 17. This is a perennial problem when the moisture levels in sample air drop very low, causing TRS analyzer to respond more slowly due to the SO2 scrubber requiring a certain humidity to function optimally.
THC/CH4/NMHC Thermo 55i #1034745845 H2 Generator HG300 #211067076	February 18, 2025	No operational issues were identified this month.

Parameter	Verification Date	Equipment Operational Summary
RH Rotronic HC2-S3 #20558318	February 18, 2025	No operational issues were identified this month.
BP MetOne 092 #B19577	February 18, 2025	No operational issues were identified this month.
AT Rotronic HC2-S3 #20558318	February 18, 2025	No operational issues were identified this month.
ST Canadian Natural #NA	February 18, 2025	No operational issues were identified this month.
WS/ WD RM Young 05305VK #129612	February 18, 2025	- Wind direction data contained in this report represents where the wind is coming from. - The annual wind system calibration was completed on September 10, 2024. - No operational issues were identified this month.

Monitored Data Summary for Peace River Complex (PRC) Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.3	0	4	Feb 5 at hr 11	17.9	SW	1.7	Feb 5	93.9	89.3
H2S (ppb)	10	3	-	0	0	-	0.0	0	1	Feb 7 at hr 6	4.9	SW	0.0	Feb 1	99.3	93.9
TRS (ppb)	-	-	-	-	-	-	0.2	0	1	Feb 1 at hr 2	8.2	NNW	0.7	Feb 8	100.0	94.6
THC (ppm)	-	-	-	-	-	-	2.04	1.97	2.34	Feb 7 at hr 7	4.2	W	2.11	Feb 20	100.0	95.1
CH4 (ppm)	-	-	-	-	-	-	2.04	1.97	2.34	Feb 7 at hr 7	4.2	W	2.11	Feb 20	100.0	95.1
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.02	Feb 18 at hr 18	11.4	ESE	0.00	Feb 18	100.0	95.1
RH (%)	-	-	-	-	-	-	75.9	43	100	Feb 21 at hr 8	11.6	SSW	89.4	Feb 23	100.0	100.0
BP (millibar)	-	-	-	-	-	-	945	917	964	Feb 9 at hr 22	9.5	SSW	960	Feb 3	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-15.7	-39.5	9.3	Feb 27 at hr 14	19.3	WSW	5.7	Feb 27	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.1	17.9	26.3	Feb 21 at hr 9	11	SW	25.4	Feb 27	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	4.0	0.4	24.1	Feb 22 at hr 12	24.1	SW	14.6	Feb 27	100.0	100.0
WDV (sector)	-	-	-	-	-	-	218 (SW)	-	-	-	-	-	-	-	100.0	100.0

1- Date/ Time given is the first minimum and maximum value that was recorded

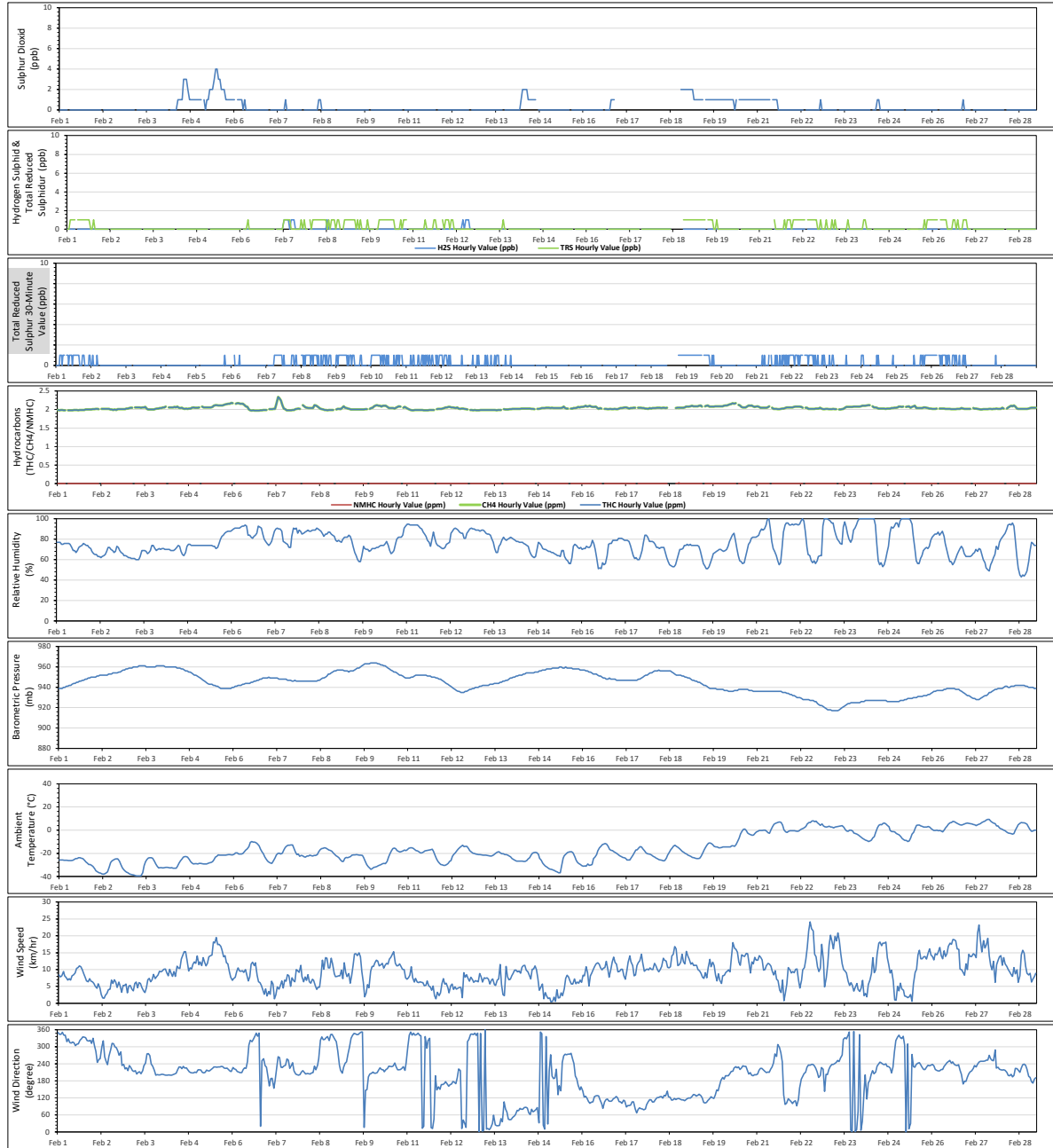
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.2	0	1	Feb 1 at 02:30	8.3	NNW	1.0	Feb 1	100.0	94.7

1- Date/ Time given is the first minimum and maximum value that was recorded

Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAGs) Exceedances

The measured ambient air quality was within the AAAQOs and/or AAAGs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Feb 2025 - Peace River Complex (PRC) Station



Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Teledyne T100 #722	February 11, 2025	No major operational issues were identified this month.
TRS Thermo 43iQ-TL #12409233394 TRS Convertor CD Nova CDN-101 #576	February 11, 2025	No major operational issues were identified this month.
NOx/NO/NO2 Teledyne T200 #837	February 26, 2025	- The analyzer, s/n: 837, could not achieve stability during the as-found points check on February 11. Although the calibration was allowed to continue, the validity of the calibration is questionable. - A repeat multi-point calibration was completed using different calibration equipment on February 26., and the calibration was completed without issues. The permeation oven temperature was reduced on February 26, and the expected span value was updated on February 28. - Based on February 26's calibration results, it was suspected that there might be issues with the calibration system tused to calibrate the analyzer on January 21, 22, 24, 29, 30 and February 11. Data collected between January 20 and before the January 30's calibration have been discarded during January data validation. A total of 261 hours and 608 hours of downtime were recorded in January and February, respectively.
O3 Thermo 49iQ #12326230141	February 11, 2025	No major operational issues were identified this month.

Parameter	Calibration Date	Equipment Operational Summary
THC/CH4/NMHC Thermo 55i #12101910497 H2 Generator HG300 #190567059	February 11, 2025	No major operational issues were identified this month.
PM2.5 Teledyne T640 #318	February 11, 2025	The analyzer output flatlined, starting February 25 at hour 20. The analyzer was reset to correct the problem on February 26 at hour 7. Twelve hours of data collected during this period were invalidated.
Parameter	Verification Date	Equipment Operational Summary
RH Vaisala HMP155 #N2910506	February 11, 2025	No major operational issues were identified this month.
BP MetOne 092 #A2397	February 11, 2025	No major operational issues were identified this month.
AT Vaisala HMP155 #N2910506	February 11, 2025	No major operational issues were identified this month.
ST COMET #NA	February 11, 2025	No major operational issues were identified this month.
WS/ WD RM Young 05305AQ #174801	February 11, 2025	- Wind direction data contained in this report represents where the wind is coming from. - The last annual wind system calibration was completed on August 21, 2024. - No major operational issues were identified this month.

Monitored Data Summary for AQHI - Grimshaw Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.1	0	2	Feb 4 at hr 23	4.4	WSW	0.9	Feb 5	100.0	95.1
TRS (ppb)	-	-	-	-	-	-	0.22	0.00	0.64	Feb 25 at hr 6	2.1	NNW	0.32	Feb 1	100.0	95.1
NOx (ppb)	-	-	-	-	-	-	NA	1	19	Feb 27 at hr 1	1.7	N	5.0	Feb 27	9.5	8.2
NO (ppb)	-	-	-	-	-	-	NA	0	3	Feb 27 at hr 8	22.7	W	1.2	Feb 28	9.5	8.2
NO2 (ppb)	159	-	-	0	-	-	NA	1	18	Feb 27 at hr 1	1.7	N	3.9	Feb 27	9.5	8.2
O3 (ppb)	76	-	-	0	-	-	29.3	1.5	47.4	Feb 23 at hr 8	26.2	W	41.2	Feb 26	100.0	95.1
THC (ppm)	-	-	-	-	-	-	2.12	1.96	4.45	Feb 15 at hr 19	3.2	W	2.30	Feb 15	100.0	94.9
CH4 (ppm)	-	-	-	-	-	-	2.11	1.96	2.63	Feb 8 at hr 4	1.1	WSW	2.21	Feb 16	100.0	94.9
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	2.10	Feb 15 at hr 19	3.2	W	0.10	Feb 15	100.0	94.9
PM2.5 (µg/m3)	80	29	-	2	0	-	4.7	0	130	Feb 8 at hr 9	1.7	SSW	22.3	Feb 8	98.2	97.8
RH (%)	-	-	-	-	-	-	72.7	46	100	Feb 22 at hr 22	2.1	WNW	81.3	Feb 22	100.0	100.0
BP (millibar)	-	-	-	-	-	-	946	918	966	Feb 9 at hr 21	2	NW	963	Feb 3	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-15.0	-34.5	7.2	Feb 27 at hr 15	20	W	4.4	Feb 27	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	24.0	15.0	27.5	Feb 5 at hr 3	5	SSW	25.7	Feb 5	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	6.9	0.2	28.7	Feb 27 at hr 9	28.7	W	14.5	Feb 27	100.0	100.0
WDV (sector)	-	-	-	-	-	-	296 (WNW)	-	-	-	-	-	-	-	100.0	100.0

1- Date/ Time given is the first minimum and maximum value that was recorded

Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.22	0.00	0.83	Feb 25 at 06:30	2.9	NNW	0.32	Feb 1	100.0	94.9

1- Date/ Time given is the first minimum and maximum value that was recorded

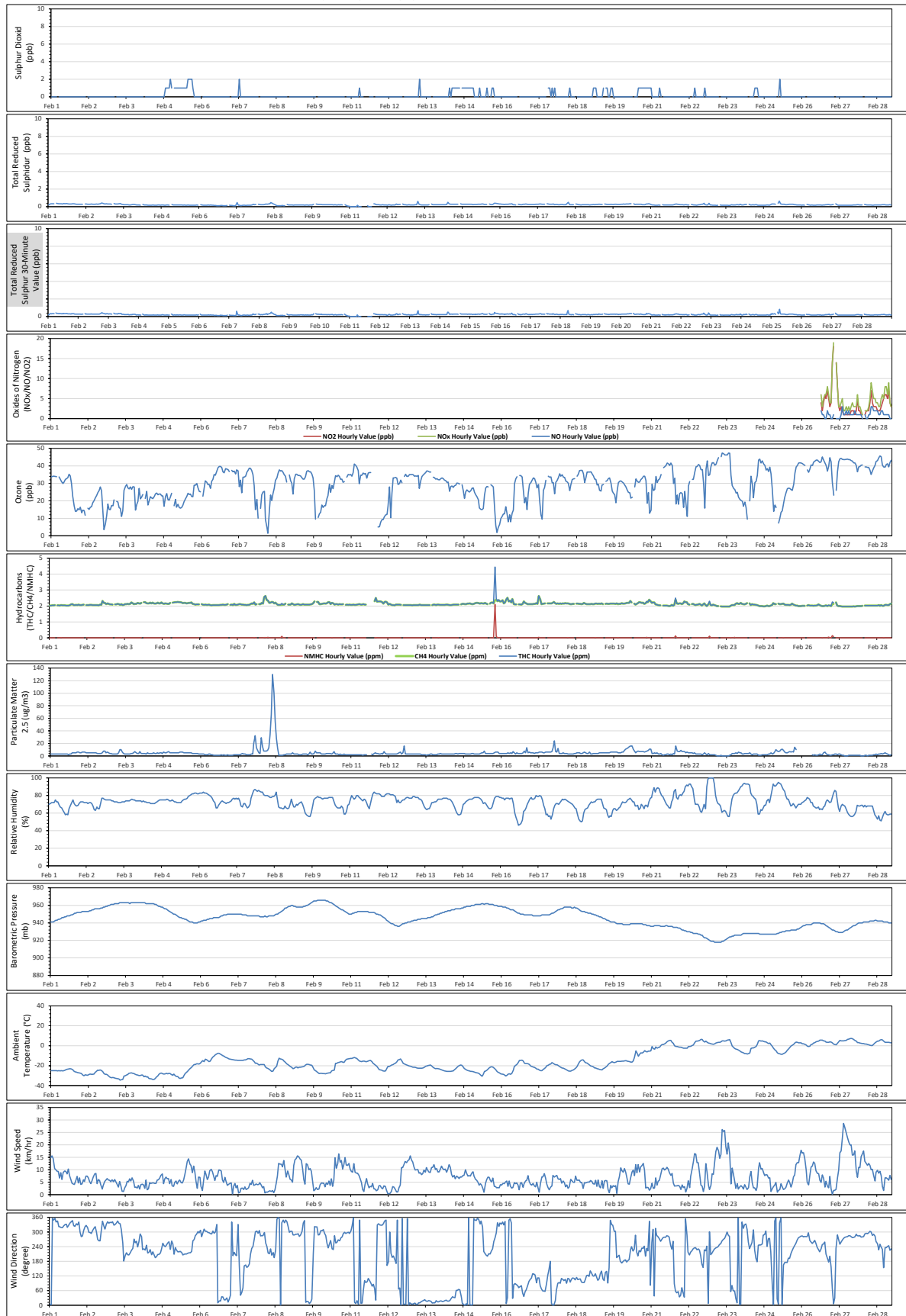
Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAQGs) Exceedances

The following exceedances of AAAQOs were observed at the AQHI - Grimshaw Station.

Date	Time (MST)	Parameter	Average Period	AAAQOs / AAAQGs	Concentration	Wind speed	Wind Direction	Reference #
Feb 8	9	PM2.5	1-Hour	80 µg/m3	130 µg/m3	1.7 km/hr	205° (SSW)	438339
Feb 8	10	PM2.5	1-Hour	80 µg/m3	101 µg/m3	0.8 km/hr	216° (SW)	438339

The exceedances of the PM2.5 guideline on Feb 8 are believed to be the result of local buildup of emissions, given the low wind speeds recorded at the time.

Timeseries Chart of Hourly Average for the month of Feb 2025 - AQHI - Grimshaw Station



TABLES, CHARTS AND WIND ROSES

986-C STATION

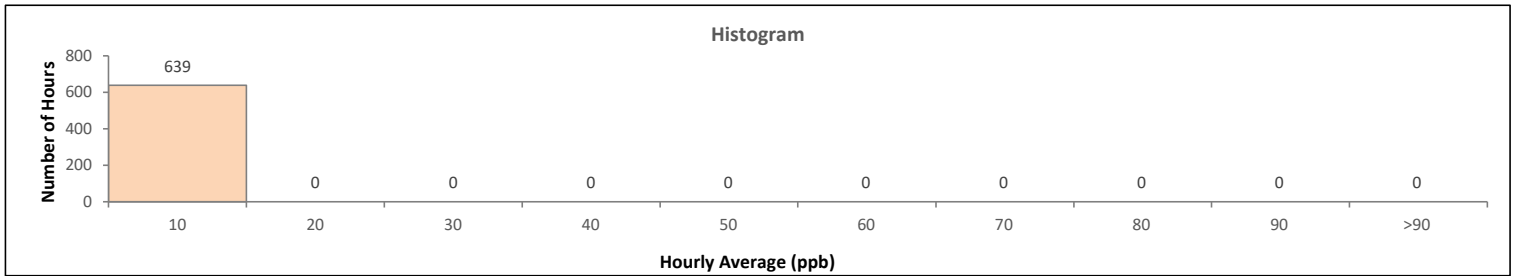
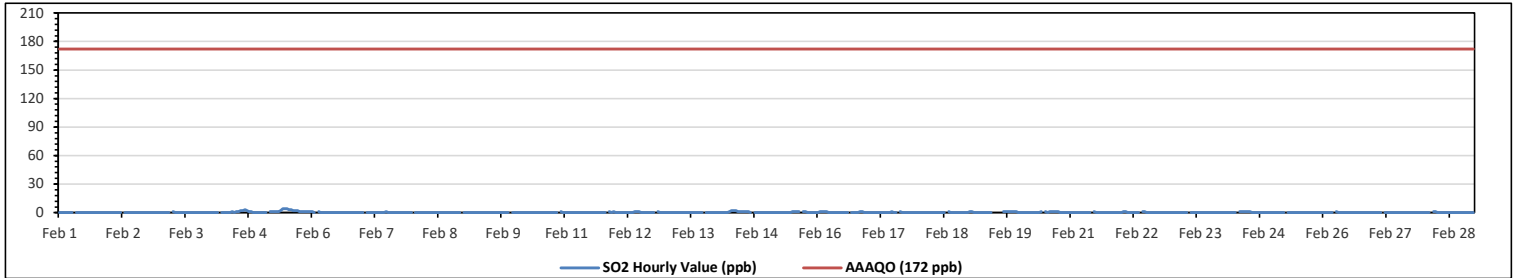
Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb																											
Number of 1-Hour Exceedances:					0					Number of 24-Hour Exceedances:					0					30-Day Exceedence:					0		
Maximum Hourly Value:					4 ppb on Feb 5 at hr 10					Hours in Service:					672												
Maximum Daily Value:					1.6 ppb on Feb 5					Hours of Data:					639												
Minimum Hourly Value:					0 ppb on Feb 1 at hr 0					Hours of Missing Data:					0												
Minimum Daily Value:					0.0 ppb on Feb 1					Hours of Calibration:					33												
Monthly Average:					0.2 ppb					Operational Uptime:					100.0												
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	0	0.0
Feb 2	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 3	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Feb 4	0	0	0	0	S	0	0	0	0	0	1	0	1	1	2	2	3	2	1	1	0	0	0	0	0	3	0.6
Feb 5	0	0	0	S	1	1	1	1	1	2	4	4	4	3	3	2	2	2	1	1	1	1	1	1	1	4	1.6
Feb 6	1	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Feb 7	0	S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Feb 8	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0.0
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0.0
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	1	0.0
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	1	0	1	0	0.1
Feb 12	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	S	1	0	0	0	0	0	1	0.2
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0
Feb 14	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	S	0	0	0	0	0	0	0	0	2	0.6
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	S	1	1	0	0	0	0	0	0	1	0.3
Feb 16	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	1	1	0	0	0	1	0.3
Feb 17	0	0	0	0	0	0	0	0	0	0	0	1	0	0	S	1	0	0	0	0	0	0	0	0	0	1	0.1
Feb 18	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	1	0.0
Feb 19	1	1	0	0	0	0	0	0	0	0	0	C	C	C	C	C	1	1	1	1	1	1	1	0	1	0.5	
Feb 20	0	0	0	0	0	0	0	0	0	0	1	S	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0.3
Feb 21	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.0
Feb 22	0	1	1	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Feb 23	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 24	0	0	0	0	0	0	0	S	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.3
Feb 25	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 26	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Feb 27	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 28	0	0	0	S	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Diurnal Maximum	1	1	1	1	1	1	1	2	2	2	4	4	4	3	3	2	3	2	1	1	1	1	1	1			
Diurnal Average	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1				
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance										
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)							P	Power Failure										
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

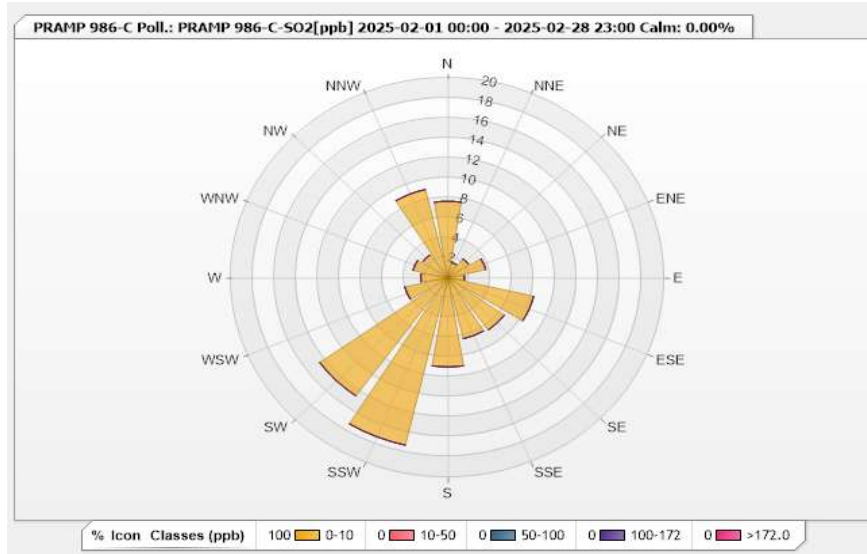


Station: PRAMP 986-C Poll.: PRAMP 986-C-SO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	7.67	0	0	0	0	7.67
NNE	1.56	0	0	0	0	1.56
NE	2.35	0	0	0	0	2.35
ENE	3.6	0	0	0	0	3.6
E	1.56	0	0	0	0	1.56
ESE	8.14	0	0	0	0	8.14
SE	6.42	0	0	0	0	6.42
SSE	6.26	0	0	0	0	6.26
S	8.92	0	0	0	0	8.92
SSW	17.21	0	0	0	0	17.21
SW	14.55	0	0	0	0	14.55
WSW	4.07	0	0	0	0	4.07
W	2.5	0	0	0	0	2.5
WNW	3.29	0	0	0	0	3.29
NW	2.82	0	0	0	0	2.82
NNW	9.08	0	0	0	0	9.08
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

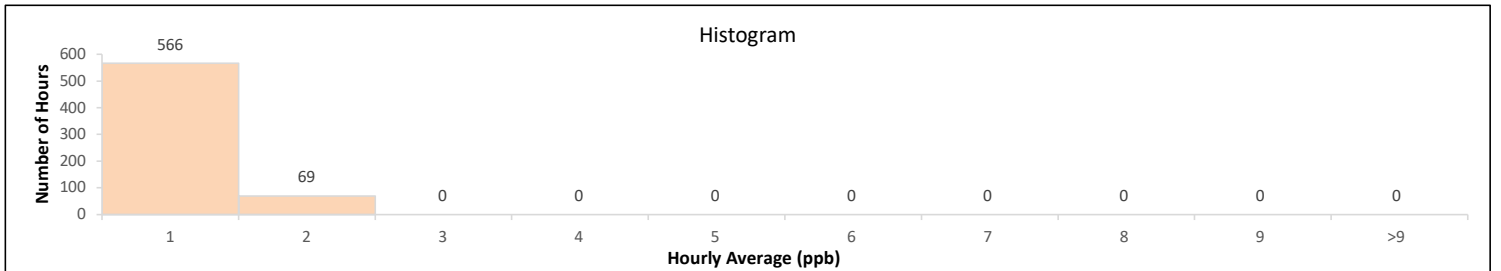
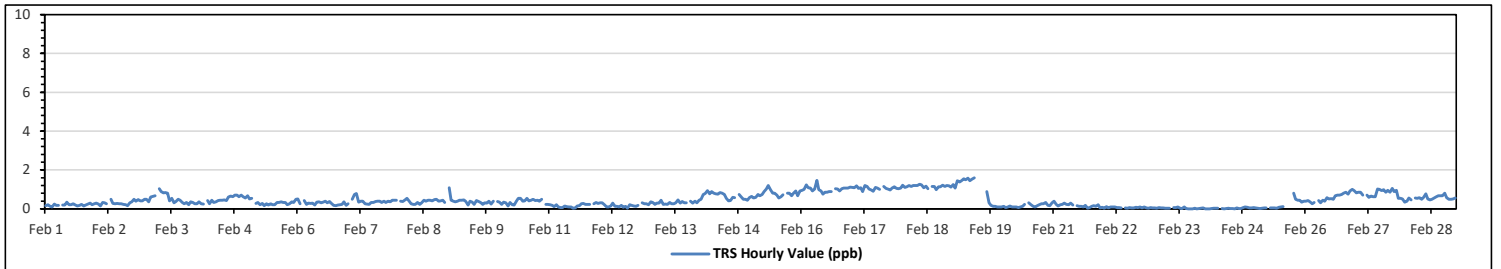
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1.60	ppb	on Feb 19 at hr 10	Hours in Service:	672
Maximum Daily Value:	1.15	ppb	on Feb 18	Hours of Data:	635
Minimum Hourly Value:	0.00	ppb	on Feb 23 at hr 16	Hours of Missing Data:	4
Minimum Daily Value:	0.03	ppb	on Feb 24	Hours of Calibration:	33
Monthly Average:	0.44	ppb		Operational Uptime:	99.4

Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	0.16	0.21	0.13	0.1	0.24	0.18	0.18	\$	0.19	0.19	0.34	0.21	0.21	0.25	0.19	0.15	0.18	0.22	0.15	0.19	0.24	0.29	0.2	0.27	0.10	0.34	0.20
Feb 2	0.29	0.24	0.15	0.32	0.3	0.26	\$	0.5	0.28	0.26	0.28	0.27	0.25	0.23	0.21	0.16	0.31	0.35	0.48	0.4	0.47	0.41	0.41	0.49	0.15	0.50	0.32
Feb 3	0.48	0.36	0.6	0.64	0.66	\$	1.03	0.89	0.82	0.83	0.79	0.41	0.53	0.3	0.37	0.5	0.44	0.32	0.26	0.33	0.2	0.35	0.33	0.26	0.20	1.03	0.51
Feb 4	0.25	0.35	0.26	0.24	\$	0.42	0.25	0.43	0.32	0.36	0.42	0.43	0.45	0.46	0.42	0.6	0.65	0.63	0.7	0.71	0.63	0.71	0.63	0.55	0.24	0.71	0.47
Feb 5	0.68	0.51	0.54	\$	0.28	0.33	0.2	0.28	0.16	0.25	0.19	0.27	0.2	0.2	0.33	0.33	0.36	0.33	0.32	0.21	0.26	0.36	0.32	0.5	0.16	0.68	0.32
Feb 6	0.51	0.25	\$	0.42	0.23	0.29	0.28	0.29	0.19	0.34	0.36	0.31	0.34	0.39	0.31	0.37	0.28	0.18	0.16	0.19	0.21	0.23	0.35	0.18	0.16	0.51	0.29
Feb 7	0.26	\$	0.48	0.73	0.78	0.34	0.39	0.4	0.27	0.24	0.23	0.32	0.32	0.37	0.38	0.38	0.32	0.39	0.33	0.39	0.36	0.45	0.45	0.44	0.23	0.78	0.39
Feb 8	\$	0.4	0.37	0.46	0.53	0.39	0.25	0.22	0.23	0.32	0.23	0.31	0.44	0.39	0.43	0.43	0.41	0.47	0.5	0.4	0.41	0.43	0.33	\$	0.22	0.53	0.38
Feb 9	1.09	0.43	0.4	0.35	0.39	0.44	0.45	0.46	0.37	0.19	0.38	0.34	0.23	0.42	0.37	0.32	0.23	0.31	0.29	0.4	0.24	0.38	\$	0.37	0.19	1.09	0.38
Feb 10	0.34	0.22	0.34	0.3	0.14	0.32	0.21	0.19	0.39	0.53	0.53	0.38	0.41	0.53	0.41	0.45	0.48	0.42	0.44	0.39	0.48	\$	0.22	0.22	0.14	0.53	0.36
Feb 11	0.21	0.18	0.11	0.2	0.1	0.06	0.06	0.15	0.11	0.09	0.09	0.03	0.04	0.15	0.16	0.26	0.28	0.22	0.22	0.23	\$	0.26	0.32	0.28	0.03	0.32	0.17
Feb 12	0.31	0.31	0.2	0.08	0.1	0.15	0.29	0.13	0.13	0.1	0.18	0.07	0.13	0.03	0.2	0.18	0.14	0.13	0.17	\$	0.31	0.26	0.26	0.2	0.03	0.31	0.18
Feb 13	0.36	0.33	0.22	0.29	0.29	0.43	0.23	0.24	0.22	0.32	0.26	0.25	0.31	0.46	0.29	0.37	0.31	0.31	\$	0.4	0.29	0.4	0.31	0.43	0.22	0.46	0.32
Feb 14	0.5	0.73	0.78	0.94	0.77	0.88	0.8	0.77	0.76	0.83	0.79	0.74	0.53	0.41	0.42	0.59	0.58	\$	0.73	0.62	0.5	0.5	0.45	0.58	0.41	0.94	0.66
Feb 15	0.64	0.55	0.59	0.74	0.67	0.73	0.88	1.02	1.19	0.99	0.79	0.79	0.7	0.55	0.62	0.72	\$	0.79	0.8	0.66	0.8	0.92	0.68	0.92	0.55	1.19	0.77
Feb 16	0.95	1	1.23	1.08	1.07	0.91	1.01	1.46	0.99	0.91	0.75	0.85	0.86	0.88	0.89	\$	1.04	1.01	0.92	1.04	1.06	1.07	1.06	1.11	0.75	1.46	1.01
Feb 17	1.1	1.09	1.18	1.05	1.09	0.88	1.2	1.14	1.02	0.96	0.9	1.1	1.06	1	\$	1.16	1.05	1.01	0.96	1.07	1.13	1.05	1.03	1.06	0.88	1.20	1.06
Feb 18	1.22	1.1	1.13	1.19	1.15	1.2	1.19	1.19	1.27	1.23	1.09	1.17	1.04	\$	1.14	1.14	0.97	1.13	1.13	1.22	1.15	1.2	1.18	1.11	0.97	1.27	1.15
Feb 19	1.24	1.07	1.45	1.39	1.45	1.54	1.49	1.58	1.45	1.53	1.6	C	C	C	C	C	0.88	0.3	0.17	0.12	0.13	0.1	0.1	0.1	0.10	1.60	0.93
Feb 20	0.13	0.06	0.1	0.14	0.09	0.09	0.1	0.06	0.09	0.13	0.23	\$	0.3	0.21	0.13	0.09	0.16	0.2	0.25	0.27	0.33	0.17	0.16	0.3	0.06	0.33	0.16
Feb 21	0.4	0.22	0.14	0.2	0.23	0.29	0.22	0.21	0.29	0.19	\$	0.16	0.13	0.12	0.08	0.18	0.03	0.06	0.12	0.16	0.13	0.2	0.05	0.07	0.03	0.40	0.17
Feb 22	0.03	0.11	0.05	0.1	0.09	0.1	0.06	0.06	0.05	\$	0.04	0.03	0.06	0.04	0.05	0.07	0.06	0.09	0.04	0.08	0.05	0.03	0.06	0.04	0.03	0.11	0.06
Feb 23	0.04	0.03	0.06	0.04	0.04	0.03	0.03	0.03	\$	0.06	0.06	0.08	0.02	0.01	0.08	0.01	0	0	0	0.02	0	0.01	0.02	0.05	0.00	0.08	0.03
Feb 24	0	0	0	0.01	0.03	0.03	0.02	\$	0.01	0	0.01	0.03	0.01	0.01	0	0.05	0.01	0.01	0.06	0.1	0.07	0.05	0.05	0.06	0.00	0.10	0.03
Feb 25	0.05	0.03	0.01	0.02	0.04	0.05	\$	0.04	0.04	0.05	0.02	0.07	0.08	0.11	NRM	NRM	NRM	NRM	0.81	0.5	0.43	0.45	0.34	0.4	0.01	0.81	0.19
Feb 26	0.38	0.42	0.35	0.27	0.32	\$	0.42	0.31	0.43	0.39	0.57	0.51	0.52	0.49	0.68	0.7	0.7	0.74	0.79	0.85	0.75	0.91	1	0.94	0.27	1.00	0.58
Feb 27	0.82	0.86	0.85	0.71	\$	0.7	0.59	0.65	0.61	0.61	1.02	1	0.94	0.97	0.86	0.95	0.85	1.05	0.89	0.95	0.53	0.54	0.51	0.34	0.34	1.05	0.77
Feb 28	0.39	0.55	0.46	\$	0.55	0.53	0.57	0.5	0.59	0.77	0.51	0.46	0.49	0.56	0.62	0.66	0.68	0.68	0.8	0.58	0.48	0.48	0.51	0.56	0.39	0.80	0.56
Diurnal Maximum	1.24	1.10	1.45	1.39	1.45	1.54	1.49	1.58	1.45	1.53	1.60	1.17	1.06	1.00	1.14	1.16	1.05	1.13	1.13	1.22	1.15	1.20	1.18	1.11			
Diurnal Average	0.48	0.43	0.45	0.46	0.45	0.45	0.48	0.51	0.46	0.47	0.47	0.41	0.39	0.37	0.39	0.43	0.44	0.44	0.46	0.46	0.43	0.45	0.42	0.44			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction / Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program

986-C Station - February 2025

Summary of 30-Minute Averages

TOTAL REDUCED SULPHUR (TRS) in ppb

Alberta Ambient Air Quality Guideline (AAAQG) for TRS: 30-minute 5 ppb

Number of 30-Minute Exceedances: 0

Maximum 30-Minute Value:	1.70	ppb	on Feb 16 at 07:00	# of Instrument in Service	1344
Maximum Daily Value:	1.15	ppb	on Feb 18	# of Valid Measurements	1269
Minimum 30-Minute Value:	0.00	ppb	Feb 11 at 11:30	# of Missing Measurements:	8
Minimum Daily Value:	0.00	ppb	on Feb 29	# of Calibration:	67
Monthly Average:	0.44	ppb		Operational Uptime:	99.4

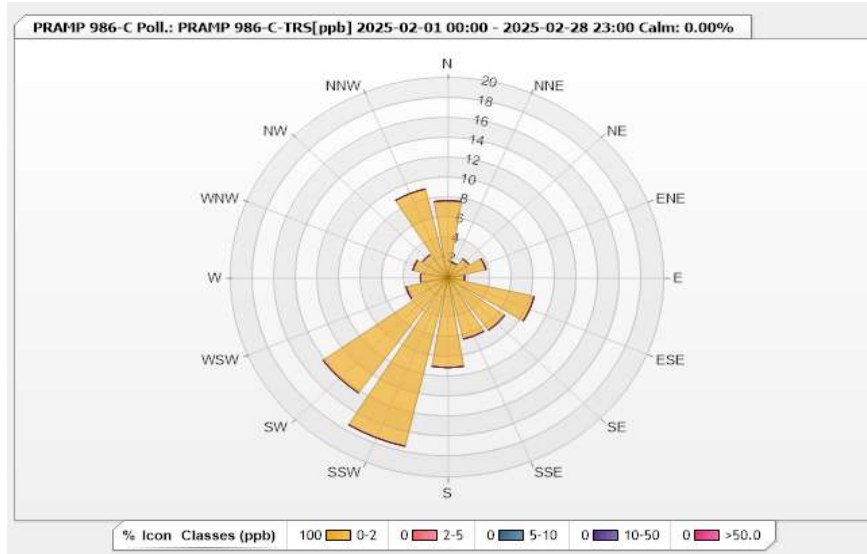
Day	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Diurnal Maximum	Diurnal Average		
30-Minute Period Starting at (MST)	00:00	0.25	0.3	0.57	0.3	0.66	0.46	0.21	S	1.39	0.36	0.16	0.18	0.3	0.34	0.65	0.96	1.12	1.18	1.23	0.14	0.44	0.02	0.03	0.01	0.07	0.37	0.78	0.48	1.39	0.48	
	00:30	0.07	0.28	0.39	0.21	0.69	0.56	0.32	S	0.8	0.32	0.27	0.45	0.42	0.66	0.62	0.95	1.09	1.26	1.24	0.13	0.37	0.04	0.06	0	0.02	0.38	0.85	0.29	1.26	0.47	
	01:00	0.24	0.26	0.32	0.34	0.45	0.23	S	0.36	0.49	0.15	0.16	0.3	0.46	0.82	0.6	0.82	0.95	1.18	1.11	0.05	0.25	0.05	0.05	0.01	0.02	0.41	0.85	0.45	1.18	0.42	
	01:30	0.18	0.23	0.4	0.35	0.57	0.26	S	0.44	0.38	0.3	0.2	0.32	0.2	0.64	0.5	1.19	1.23	1.03	1.03	0.07	0.2	0.05	0.01	0	0.04	0.44	0.87	0.66	1.23	0.44	
	02:00	0.15	0.1	0.64	0.27	0.51	S	0.58	0.26	0.5	0.33	0.09	0.23	0.18	0.72	0.58	1.21	1.22	1.11	1.41	0.1	0.12	0.05	0.06	0	0.02	0.46	0.9	0.39	1.41	0.45	
	02:30	0.11	0.2	0.55	0.25	0.58	S	0.39	0.48	0.31	0.35	0.13	0.18	0.26	0.84	0.59	1.26	1.13	1.15	1.5	0.1	0.16	0.05	0.06	0	0	0.24	0.81	0.54	1.50	0.45	
	03:00	0.06	0.32	0.57	0.24	S	0.45	0.64	0.48	0.38	0.33	0.27	0.11	0.33	0.92	0.84	1.06	1.11	1.25	1.39	0.18	0.17	0.12	0.02	0.01	0.03	0.29	0.88	S	1.39	0.48	
	03:30	0.14	0.32	0.72	0.24	S	0.39	0.82	0.45	0.31	0.27	0.13	0.06	0.26	0.95	0.64	1.1	0.98	1.12	1.39	0.1	0.23	0.08	0.07	0	0.01	0.24	0.55	S	1.39	0.45	
	04:00	0.27	0.28	0.67	S	0.32	0.26	0.84	0.6	0.32	0.17	0.13	0.1	0.24	0.78	0.61	1.08	1.09	1.22	1.44	0.08	0.18	0.08	0.08	0.01	0.01	0.33	S	0.59	1.44	0.45	
	04:30	0.21	0.32	0.64	S	0.24	0.2	0.72	0.46	0.46	0.11	0.06	0.11	0.34	0.75	0.73	1.06	1.08	1.08	1.45	0.1	0.27	0.1	0.01	0.05	0.07	0.3	S	0.51	1.45	0.44	
	05:00	0.23	0.28	S	0.43	0.25	0.31	0.4	0.37	0.42	0.4	0.03	0.13	0.47	0.81	0.88	0.86	0.91	1.23	1.42	0.11	0.26	0.17	0.04	0.04	0.08	S	0.75	0.56	1.42	0.46	
	05:30	0.13	0.24	S	0.42	0.41	0.27	0.29	0.42	0.47	0.25	0.08	0.17	0.4	0.95	0.58	0.96	0.84	1.17	1.67	0.07	0.31	0.04	0.02	0.01	0.03	S	0.66	0.5	1.67	0.44	
	06:00	0.15	S	1.16	0.3	0.2	0.26	0.26	0.25	0.52	0.2	0.04	0.34	0.26	0.91	0.69	0.97	1.23	1.18	1.49	0.06	0.21	0.07	0.01	0.03	S	0.44	0.45	0.55	1.49	0.47	
	06:30	0.22	S	0.91	0.2	0.2	0.3	0.53	0.24	0.38	0.22	0.09	0.23	0.21	0.69	1.07	1.04	1.17	1.21	1.49	0.13	0.22	0.04	0.05	0	S	0.39	0.74	0.59	1.49	0.48	
	07:00	S	0.55	0.88	0.34	0.2	0.3	0.42	0.17	0.38	0.18	0.15	0.17	0.18	0.89	1.05	1.7	1.25	1.26	1.52	0.04	0.14	0.06	0.02	S	0.05	0.29	0.58	0.6	1.70	0.51	
	07:30	S	0.45	0.9	0.52	0.37	0.29	0.38	0.26	0.53	0.2	0.16	0.09	0.31	0.66	0.99	1.21	1.02	1.13	1.63	0.09	0.27	0.06	0.03	S	0.03	0.34	0.72	0.41	1.63	0.50	
	08:00	0.24	0.29	0.78	0.35	0.22	0.21	0.29	0.22	0.34	0.36	0.17	0.15	0.2	0.8	1.19	0.98	1.07	1.21	1.47	0.14	0.25	0.03	S	0	0.04	0.4	0.5	0.48	1.47	0.46	
	08:30	0.14	0.27	0.87	0.28	0.11	0.17	0.24	0.24	0.39	0.42	0.04	0.12	0.25	0.73	1.19	1	0.97	1.33	1.43	0.03	0.34	0.06	S	0.03	0.05	0.46	0.71	0.69	1.43	0.47	
	09:00	0.13	0.17	0.75	0.32	0.18	0.41	0.14	0.32	0.21	0.46	0.16	0.12	0.31	0.83	1.02	0.9	0.96	1.17	1.57	0.07	0.23	S	0.08	0	0.07	0.35	0.66	0.77	1.57	0.46	
	09:30	0.24	0.35	0.91	0.4	0.32	0.27	0.35	0.32	0.18	0.59	0.02	0.09	0.34	0.83	0.96	0.92	0.96	1.29	1.49	0.2	0.15	S	0.03	0	0.03	0.43	0.55	0.77	1.49	0.48	
	10:00	0.25	0.33	0.76	0.41	0.16	0.21	0.21	0.25	0.4	0.57	0.04	0.15	0.32	0.71	0.77	0.81	1	1.09	1.65	0.14	S	0.03	0.08	0.01	0.01	0.01	0.67	0.97	0.58	1.65	0.47
	10:30	0.43	0.24	0.82	0.43	0.22	0.5	0.24	0.21	0.35	0.5	0.14	0.22	0.2	0.87	0.82	0.69	0.81	1.09	1.55	0.31	S	0.05	0.04	0.01	0.04	0.48	1.07	0.44	1.55	0.47	
	11:00	0.27	0.19	0.44	0.39	0.23	0.31	0.32	0.29	0.32	0.33	0.06	0.04	0.23	0.88	0.7	0.81	1.03	1.1	C	S	0.13	0.05	0.05	0.05	0.05	0.51	0.95	0.44	1.10	0.39	
11:30	0.16	0.35	0.38	0.47	0.3	0.32	0.32	0.34	0.37	0.43	0	0.11	0.27	0.61	0.88	0.88	1.18	1.25	C	S	0.19	0	0.1	0	0.1	0.51	1.04	0.47	1.25	0.42		
12:00	0.25	0.27	0.46	0.41	0.26	0.37	0.35	0.47	0.26	0.39	0.06	0.18	0.37	0.66	0.68	0.96	1.12	1.09	C	S	0.41	0.19	0.09	0	0	0.01	0.05	0.53	0.97	0.43	1.12	0.42
12:30	0.18	0.23	0.6	0.48	0.13	0.3	0.3	0.4	0.19	0.42	0.02	0.08	0.24	0.39	0.71	0.75	1	0.99	C	S	0.19	0.07	0.02	0.03	0.01	0.12	0.52	0.91	0.56	1.00	0.36	
13:00	0.28	0.33	0.31	0.54	0.2	0.47	0.44	0.37	0.48	0.55	0.04	0.02	0.54	0.44	0.43	0.87	1.02	S	C	0.22	0.07	0.04	0.01	0.01	0.1	0.42	1.02	0.51	1.02	0.37		
13:30	0.22	0.13	0.3	0.38	0.2	0.32	0.29	0.42	0.36	0.51	0.27	0.05	0.38	0.38	0.67	0.88	0.98	S	C	0.19	0.17	0.03	0	0	0	0.12	0.57	0.92	0.62	0.98	0.36	
14:00	0.23	0.29	0.42	0.55	0.36	0.33	0.34	0.46	0.33	0.39	0.12	0.19	0.25	0.46	0.61	0.91	S	1.17	C	0.14	0.13	0.04	0.06	0	0.04	0.68	0.88	0.59	1.17	0.38		
14:30	0.16	0.13	0.33	0.28	0.29	0.29	0.42	0.4	0.41	0.43	0.2	0.22	0.34	0.38	0.64	0.87	S	1.11	C	0.11	0.04	0.06	0.09	0	0	0.68	0.84	0.66	1.11	0.38		
15:00	0.14	0.14	0.42	0.59	0.28	0.42	0.37	0.47	0.33	0.46	0.31	0.18	0.36	0.57	0.67	S	1.15	1.15	C	0.1	0.11	0.05	0.01	0	0	0.69	0.94	0.63	1.15	0.42		
15:30	0.17	0.17	0.59	0.61	0.37	0.32	0.38	0.39	0.31	0.44	0.22	0.18	0.37	0.61	0.76	S	1.17	1.13	S	0.09	0.24	0.09	0	0.09	0	0.97	0.7	1.17	1.17	0.44		
16:00	0.21	0.39	0.49	0.63	0.38	0.27	0.25	0.43	0.15	0.52	0.27	0.12	0.36	0.56	S	1.17	1.1	0.91	S	0.12	0.02	0.04	0	0	0	0.68	0.89	0.65	1.17	0.42		
16:30	0.16	0.22	0.39	0.67	0.34	0.29	0.38	0.38	0.3	0.43	0.29	0.16	0.26	0.6	S	0.9	1	1.03	0.47	0.2	0.04	0.09	0	0.02	0	0.73	0.81	0.71	1.03	0.42		
17:00	0.23	0.35	0.31	0.75	0.41	0.23	0.43	0.51	0.29	0.48	0.22	0.16	0.37	S	0.8	1.05	1.1	1.21	0.4	0.15	0.02	0.12	0	0.01	0	0.78	1.09	0.72	1.21	0.47		
17:30	0.21	0.36	0.33	0.51	0.25	0.12	0.36	0.42	0.33	0.37	0.21	0.11	0.25	S	0.79	0.97	0.92	1.05	0.2	0.25	0.1	0.07	0	0.01	0	1.02	0.65	1.05	0.41			
18:00	0.15	0.5	0.29	0.74	0.37	0.17	0.22	0.55	0.22	0.41	0.24	0.17	S	0.94	0.81	0.95	0.96	1.1	0.21	0.35	0.09	0.04	0	0.02	0	0.76	0.91	0.64	1.10	0.45		
18:30	0.15	0.47	0.22	0.67	0.26	0.15	0.44	0.45	0.35	0.47	0.21	0.16	S	0.52	0.79	0.89	0.96	1.17	0.13	0.15	0.16	0.05	0	0.1	0.62	0.83	0.88	0.95	1.17	0.45		
19:00	0.2	0.45	0.33	0.73	0.19	0.2	0.39	0.36	0.39	0.47	0.24	S	0.43	0.64	0.75	1.03	1.05	1.29	0.12	0.34	0.11	0.09	0	0.09	0.52	0.86	0.91	0.65	1.29	0.48		
19:30	0.17	0.36	0.33	0.69	0.23	0.17	0.39	0.45	0.4	0.32	0.21	S	0.37	0.6	0.58	1.05	1.1	1.15	0.13	0.21	0.21	0.08	0.03	0.11	0.48	0.83	1	0.51	1.15	0.45		
20:00	0.22	0.52	0.1	0.59	0.22	0.16	0.31	0.49	0.25	0.51	S	0.39	0.32	0.55	0.71	1.09	1.22	1.21	0.08	0.3	0.04	0.06	0	0.02	0.4	0.71	0.53	0.49	1.22	0.43		
20:30	0.25	0.42	0.31	0.67	0.3	0.27	0.42	0.33	0.23	0.46	S	0.22	0.26	0.45	0.89	1.02																

Station: PRAMP 986-C Poll.: PRAMP 986-C-TRS[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.49% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	7.72	0	0	0	0	7.72
NNE	1.57	0	0	0	0	1.57
NE	2.36	0	0	0	0	2.36
ENE	3.62	0	0	0	0	3.62
E	1.57	0	0	0	0	1.57
ESE	8.19	0	0	0	0	8.19
SE	6.46	0	0	0	0	6.46
SSE	6.3	0	0	0	0	6.3
S	8.98	0	0	0	0	8.98
SSW	17.32	0	0	0	0	17.32
SW	14.17	0	0	0	0	14.17
WSW	3.94	0	0	0	0	3.94
W	2.52	0	0	0	0	2.52
WNW	3.31	0	0	0	0	3.31
NW	2.83	0	0	0	0	2.83
NNW	9.13	0	0	0	0	9.13
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

TOTAL HYDROCARBONS (THC) in ppm

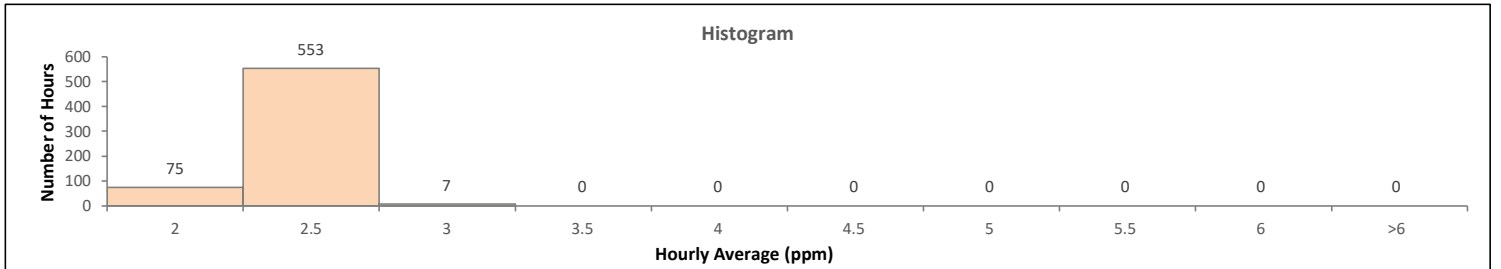
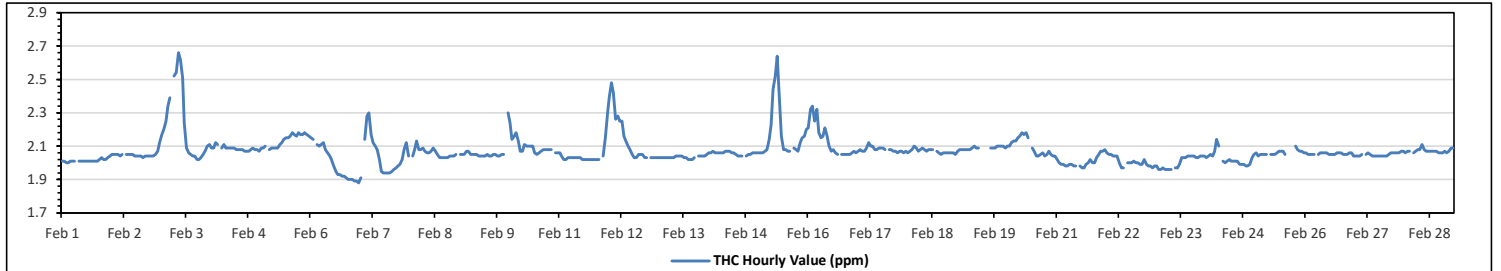
Maximum Hourly Value:	2.66	ppm	on Feb 3 at hr 8	Hours in Service:	672
Maximum Daily Value:	2.22	ppm	on Feb 3	Hours of Data:	635
Minimum Hourly Value:	1.88	ppm	on Feb 6 at hr 23	Hours of Missing Data:	4
Minimum Daily Value:	1.99	ppm	on Feb 6	Hours of Calibration:	33
Monthly Average:	2.07	ppm		Operational Uptime:	99.4

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average	
Feb 1	2.01	2.01	2.00	2.00	2.01	2.01	2.01	\$	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.03	2.02	2.02	2.03	2.04	2.00	2.04	2.01	
Feb 2	2.05	2.05	2.05	2.05	2.04	2.05	\$	2.05	2.05	2.05	2.05	2.04	2.04	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.12	2.03	2.12	2.05	
Feb 3	2.17	2.20	2.25	2.34	2.39	\$	2.52	2.54	2.66	2.62	2.51	2.24	2.09	2.06	2.05	2.04	2.04	2.02	2.02	2.03	2.04	2.05	2.07	2.10	2.11	2.02	2.66	2.22
Feb 4	2.09	2.09	2.12	2.11	\$	2.09	2.11	2.09	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	2.09	2.08	2.08	2.07	2.07	2.12	2.09	
Feb 5	2.09	2.09	2.10	\$	2.08	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.15	2.15	2.16	2.18	2.17	2.16	2.18	2.17	2.18	2.17	2.18	2.17	2.16	2.08	2.18	2.13
Feb 6	2.15	2.14	\$	2.11	2.10	2.11	2.12	2.08	2.06	2.04	2.02	1.98	1.95	1.93	1.93	1.92	1.92	1.91	1.90	1.90	1.90	1.89	1.89	1.88	1.88	2.15	1.99	
Feb 7	1.91	\$	2.14	2.28	2.30	2.17	2.12	2.10	2.08	2.02	1.95	1.94	1.94	1.94	1.94	1.95	1.96	1.97	1.98	1.99	2.02	2.08	2.12	2.04	1.91	2.30	2.04	
Feb 8	\$	2.04	2.08	2.13	2.08	2.08	2.09	2.07	2.06	2.06	2.07	2.09	2.07	2.05	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.05	\$	2.03	2.13	2.06	
Feb 9	2.05	2.05	2.05	2.07	2.07	2.05	2.05	2.05	2.05	2.04	2.04	2.04	2.04	2.05	2.04	2.04	2.05	2.05	2.04	2.04	2.05	2.05	\$	2.30	2.04	2.30	2.06	
Feb 10	2.24	2.14	2.16	2.18	2.13	2.07	2.07	2.11	2.10	2.10	2.10	2.10	2.06	2.05	2.06	2.07	2.08	2.08	2.08	2.08	2.08	2.08	\$	2.06	2.06	2.05	2.24	2.10
Feb 11	2.06	2.04	2.02	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	\$	2.04	2.15	2.30	2.02	2.30	2.04
Feb 12	2.39	2.48	2.42	2.26	2.28	2.25	2.25	2.16	2.13	2.10	2.08	2.05	2.03	2.03	2.05	2.05	2.05	2.03	2.03	\$	2.03	2.03	2.03	2.03	2.03	2.48	2.14	
Feb 13	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.02	2.02	2.02	2.03	\$	2.04	2.04	2.04	2.05	2.02	2.05	2.03	
Feb 14	2.06	2.06	2.07	2.06	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.06	2.06	2.05	2.04	2.04	2.04	\$	2.04	2.05	2.05	2.06	2.06	2.06	2.04	2.07	2.06	
Feb 15	2.06	2.06	2.06	2.07	2.08	2.14	2.23	2.44	2.52	2.64	2.38	2.16	2.08	2.08	2.07	2.07	\$	2.09	2.08	2.07	2.12	2.15	2.16	2.20	2.06	2.64	2.17	
Feb 16	2.21	2.32	2.34	2.25	2.32	2.18	2.15	2.16	2.21	2.16	2.10	2.07	2.08	2.06	2.05	\$	2.05	2.05	2.05	2.05	2.05	2.06	2.07	2.06	2.05	2.34	2.13	
Feb 17	2.07	2.08	2.07	2.07	2.09	2.12	2.10	2.10	2.08	2.08	2.09	2.09	2.09	2.08	\$	2.08	2.08	2.07	2.07	2.06	2.07	2.07	2.06	2.07	2.06	2.12	2.08	
Feb 18	2.06	2.07	2.08	2.10	2.09	2.07	2.08	2.09	2.08	2.07	2.08	2.08	2.08	\$	2.07	2.06	2.05	2.06	2.06	2.06	2.06	2.06	2.06	2.05	2.05	2.10	2.07	
Feb 19	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.10	2.09	2.09	C	C	C	C	C	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.09	2.07	2.10	2.09	
Feb 20	2.10	2.10	2.12	2.13	2.13	2.15	2.16	2.18	2.17	2.18	2.15	\$	2.09	2.07	2.04	2.04	2.05	2.06	2.04	2.05	2.07	2.05	2.04	2.04	2.04	2.18	2.10	
Feb 21	2.02	2.00	1.99	1.99	1.98	1.98	1.98	1.99	1.99	1.98	1.98	\$	1.98	1.97	1.97	1.99	2.00	2.02	2.00	2.00	2.03	2.05	2.07	2.07	2.08	1.97	2.08	2.01
Feb 22	2.06	2.05	2.05	2.04	2.04	2.04	2.00	1.97	1.97	\$	2.00	2.00	2.00	2.01	2.00	2.00	1.99	1.99	2.02	1.99	1.98	1.98	1.97	1.98	1.97	2.06	2.01	
Feb 23	1.98	1.96	1.96	1.97	1.96	1.96	1.96	1.96	1.96	\$	1.97	1.97	1.99	2.03	2.03	2.03	2.04	2.04	2.04	2.03	2.03	2.04	2.04	2.04	1.96	2.04	2.00	
Feb 24	2.03	2.04	2.05	2.04	2.07	2.14	2.10	\$	2.01	2.00	2.01	2.02	2.01	2.01	2.01	2.01	1.99	1.99	1.99	1.98	1.98	1.99	2.03	2.05	1.98	2.14	2.02	
Feb 25	2.06	2.04	2.05	2.05	2.05	2.05	\$	2.05	2.05	2.05	2.06	2.07	2.07	2.07	2.05	NRM	NRM	NRM	NRM	2.10	2.08	2.07	2.07	2.06	2.04	2.10	2.06	
Feb 26	2.06	2.05	2.05	2.05	2.05	\$	2.05	2.06	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.06	2.06	2.06	2.05	2.05	2.05	2.06	2.06	2.04	2.04	2.06	2.05	
Feb 27	2.04	2.04	2.04	2.05	\$	2.05	2.06	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.04	2.07	2.05	
Feb 28	2.06	2.07	2.07	\$	2.06	2.07	2.08	2.08	2.11	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.06	2.07	2.06	2.07	2.09	2.09	2.06	2.11	2.07
Diurnal Maximum	2.39	2.48	2.42	2.34	2.39	2.25	2.52	2.54	2.66	2.64	2.51	2.24	2.15	2.15	2.16	2.18	2.17	2.16	2.18	2.17	2.17	2.18	2.17	2.30				
Diurnal Average	2.08	2.09	2.09	2.10	2.10	2.08	2.10	2.10	2.11	2.10	2.08	2.06	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.08				

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

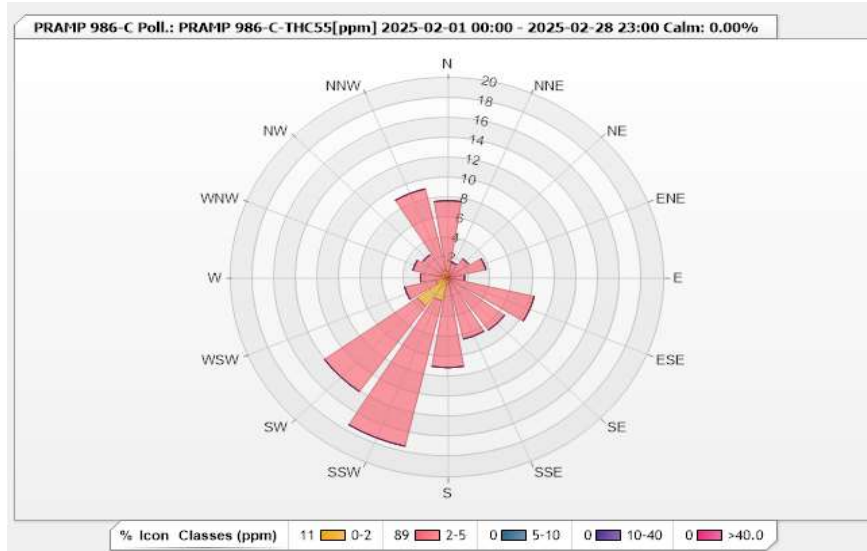


Station: PRAMP 986-C Poll.: PRAMP 986-C-THC55[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.49% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.63	7.09	0	0	0	7.72
NNE	0	1.57	0	0	0	1.57
NE	0	2.36	0	0	0	2.36
ENE	0	3.62	0	0	0	3.62
E	0	1.57	0	0	0	1.57
ESE	0	8.19	0	0	0	8.19
SE	0.31	6.14	0	0	0	6.45
SSE	0.16	6.14	0	0	0	6.3
S	0.63	8.35	0	0	0	8.98
SSW	2.36	14.96	0	0	0	17.32
SW	3.46	10.55	0	0	0	14.01
WSW	1.1	2.99	0	0	0	4.09
W	0.16	2.36	0	0	0	2.52
WNW	0.63	2.68	0	0	0	3.31
NW	0.31	2.52	0	0	0	2.83
NNW	0.79	8.35	0	0	0	9.14
Summary	10.54	89.44	0	0	0	100



Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

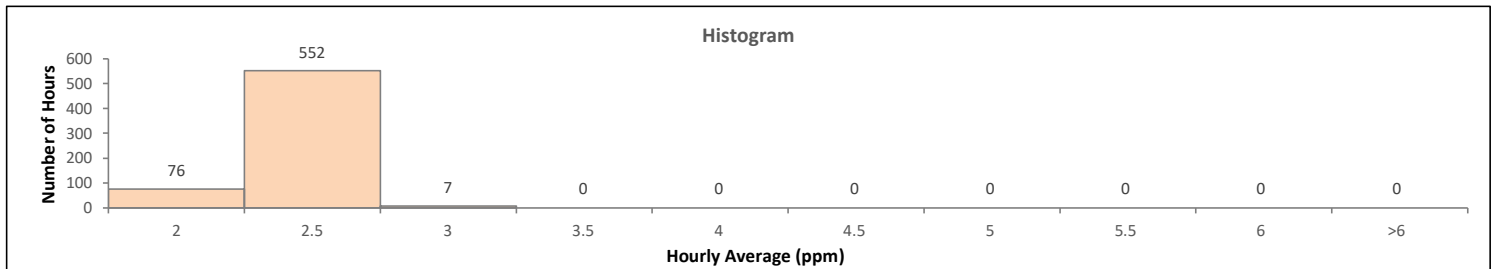
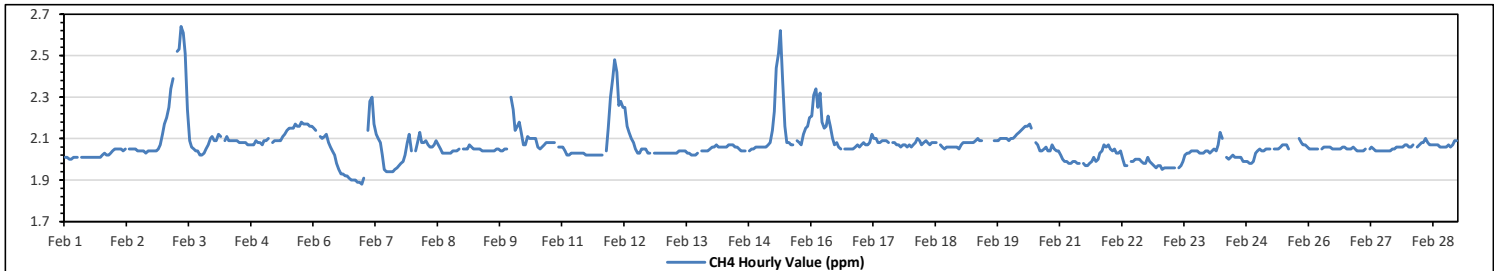
METHANE (CH4) in ppm

Maximum Hourly Value:	2.64	ppm	on Feb 3 at hr 8	Hours in Service:	672
Maximum Daily Value:	2.22	ppm	on Feb 3	Hours of Data:	635
Minimum Hourly Value:	1.88	ppm	on Feb 6 at hr 23	Hours of Missing Data:	4
Minimum Daily Value:	1.99	ppm	on Feb 6	Hours of Calibration:	33
Monthly Average:	2.07	ppm		Operational Uptime:	99.4

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average	
Feb 1	2.01	2.01	2.00	2.00	2.01	2.01	2.01	\$	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.03	2.02	2.02	2.03	2.04	2.00	2.04	2.01	
Feb 2	2.05	2.05	2.05	2.05	2.04	2.05	\$	2.05	2.05	2.05	2.05	2.05	2.04	2.04	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.12	2.03	2.12	2.05
Feb 3	2.17	2.20	2.25	2.34	2.39	\$	2.52	2.53	2.64	2.61	2.51	2.24	2.09	2.06	2.05	2.05	2.04	2.04	2.02	2.02	2.03	2.05	2.07	2.10	2.11	2.02	2.64	2.22
Feb 4	2.09	2.09	2.12	2.11	\$	2.09	2.11	2.09	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.09	2.08	2.08	2.07	2.07	2.12	2.09	
Feb 5	2.09	2.09	2.10	\$	2.08	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.15	2.15	2.15	2.17	2.16	2.17	2.18	2.17	2.17	2.17	2.18	2.16	2.16	2.08	2.18	2.13
Feb 6	2.15	2.14	\$	2.11	2.10	2.11	2.12	2.08	2.06	2.04	2.02	1.98	1.95	1.93	1.93	1.92	1.92	1.91	1.90	1.90	1.90	1.89	1.89	1.88	1.88	2.15	1.99	
Feb 7	1.91	\$	2.14	2.28	2.30	2.17	2.12	2.10	2.08	2.02	1.95	1.94	1.94	1.94	1.94	1.95	1.96	1.97	1.98	1.99	2.02	2.08	2.12	2.04	1.91	2.30	2.04	
Feb 8	\$	2.04	2.08	2.13	2.08	2.08	2.09	2.07	2.06	2.06	2.07	2.09	2.07	2.05	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.05	\$	2.03	2.13	2.06	
Feb 9	2.05	2.05	2.05	2.07	2.06	2.05	2.05	2.05	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.04	2.04	2.05	2.05	\$	2.30	2.04	2.30	2.06	
Feb 10	2.24	2.14	2.16	2.18	2.13	2.07	2.07	2.11	2.10	2.10	2.10	2.10	2.06	2.05	2.06	2.07	2.08	2.08	2.08	2.08	2.08	2.08	\$	2.06	2.06	2.05	2.24	2.10
Feb 11	2.06	2.04	2.02	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	\$	2.04	2.15	2.30	2.02	2.30	2.04
Feb 12	2.39	2.48	2.42	2.26	2.28	2.25	2.25	2.16	2.13	2.10	2.08	2.05	2.03	2.03	2.05	2.05	2.05	2.03	2.03	\$	2.03	2.03	2.03	2.03	2.03	2.48	2.14	
Feb 13	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.03	2.02	2.02	2.02	2.03	\$	2.04	2.04	2.04	2.04	2.05	2.02	2.05	2.03	
Feb 14	2.06	2.06	2.07	2.06	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.06	2.06	2.05	2.04	2.04	2.04	\$	2.04	2.05	2.05	2.06	2.06	2.06	2.04	2.07	2.06	
Feb 15	2.06	2.06	2.06	2.07	2.08	2.14	2.23	2.44	2.51	2.62	2.38	2.16	2.08	2.08	2.07	2.07	\$	2.09	2.08	2.07	2.12	2.15	2.16	2.20	2.06	2.62	2.17	
Feb 16	2.21	2.31	2.34	2.25	2.32	2.18	2.15	2.16	2.21	2.16	2.10	2.07	2.08	2.06	2.05	\$	2.05	2.05	2.05	2.05	2.05	2.06	2.07	2.06	2.05	2.34	2.13	
Feb 17	2.07	2.08	2.07	2.07	2.08	2.12	2.10	2.10	2.08	2.08	2.09	2.09	2.09	2.08	\$	2.08	2.08	2.07	2.07	2.06	2.07	2.07	2.06	2.07	2.06	2.12	2.08	
Feb 18	2.06	2.07	2.08	2.10	2.09	2.07	2.08	2.09	2.08	2.07	2.08	2.08	2.08	\$	2.07	2.06	2.05	2.06	2.06	2.06	2.06	2.06	2.06	2.05	2.05	2.10	2.07	
Feb 19	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.10	2.09	2.09	C	C	C	C	C	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.09	2.07	2.10	2.09	
Feb 20	2.10	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.16	2.17	2.15	\$	2.08	2.07	2.04	2.04	2.05	2.06	2.04	2.04	2.07	2.05	2.04	2.04	2.04	2.17	2.09	
Feb 21	2.02	2.00	1.99	1.99	1.98	1.98	1.98	1.99	1.98	1.98	1.98	\$	1.98	1.97	1.97	1.98	1.99	2.01	1.99	2.00	2.03	2.04	2.07	2.06	2.07	1.97	2.07	2.00
Feb 22	2.05	2.04	2.05	2.03	2.03	2.04	2.00	1.97	1.97	\$	1.99	1.99	2.00	2.00	2.00	1.99	1.98	1.98	2.01	1.99	1.98	1.97	1.96	1.97	1.96	2.05	2.00	
Feb 23	1.97	1.95	1.96	1.96	1.96	1.96	1.96	1.96	1.96	\$	1.96	1.97	1.99	2.02	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.04	2.04	1.95	2.04	2.00
Feb 24	2.03	2.04	2.05	2.04	2.07	2.13	2.10	\$	2.01	2.00	2.01	2.02	2.01	2.01	2.01	2.01	1.99	1.99	1.99	1.98	1.98	1.99	2.03	2.04	1.98	2.13	2.02	
Feb 25	2.05	2.04	2.04	2.05	2.05	2.05	\$	2.05	2.05	2.05	2.06	2.07	2.07	2.07	2.05	NRM	NRM	NRM	NRM	2.10	2.08	2.07	2.07	2.06	2.04	2.10	2.06	
Feb 26	2.05	2.05	2.05	2.05	2.05	\$	2.05	2.06	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.05	2.05	2.05	2.06	2.05	2.04	2.04	2.06	2.05	
Feb 27	2.04	2.04	2.04	2.05	\$	2.05	2.06	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.06	2.06	2.07	2.07	2.04	2.07	2.05	
Feb 28	2.06	2.06	2.07	\$	2.06	2.07	2.08	2.08	2.10	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.06	2.07	2.06	2.07	2.09	2.09	2.06	2.10	2.07
Diurnal Maximum	2.39	2.48	2.42	2.34	2.39	2.25	2.52	2.53	2.64	2.62	2.51	2.24	2.15	2.15	2.15	2.17	2.16	2.16	2.18	2.17	2.17	2.17	2.16	2.30				
Diurnal Average	2.08	2.09	2.09	2.10	2.10	2.08	2.10	2.11	2.10	2.08	2.06	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.08				

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

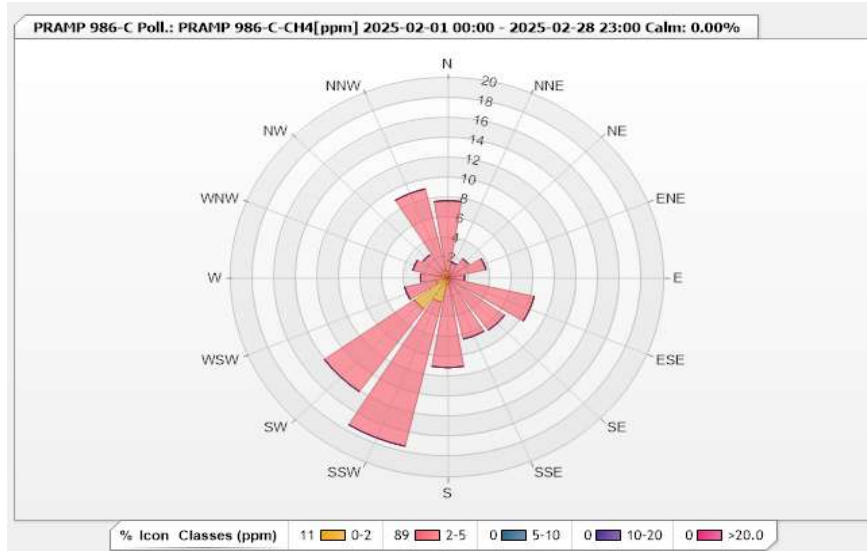


Station: PRAMP 986-C Poll.: PRAMP 986-C-CH4[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.49% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.63	7.09	0	0	0	7.72
NNE	0	1.57	0	0	0	1.57
NE	0.16	2.2	0	0	0	2.36
ENE	0	3.62	0	0	0	3.62
E	0	1.57	0	0	0	1.57
ESE	0	8.19	0	0	0	8.19
SE	0.31	6.14	0	0	0	6.45
SSE	0.16	6.14	0	0	0	6.3
S	0.63	8.35	0	0	0	8.98
SSW	2.52	14.8	0	0	0	17.32
SW	3.78	10.24	0	0	0	14.02
WSW	1.1	2.99	0	0	0	4.09
W	0.16	2.36	0	0	0	2.52
WNW	0.63	2.68	0	0	0	3.31
NW	0.31	2.52	0	0	0	2.83
NNW	0.79	8.35	0	0	0	9.14
Summary	11.18	88.81	0	0	0	100



Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

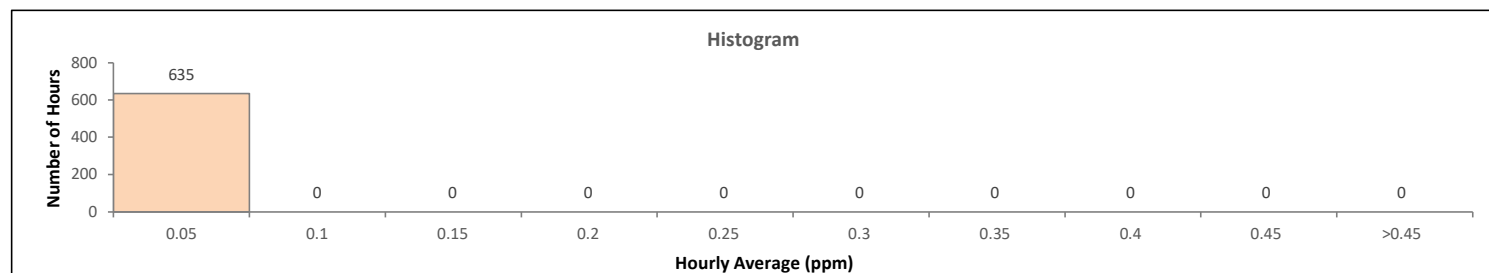
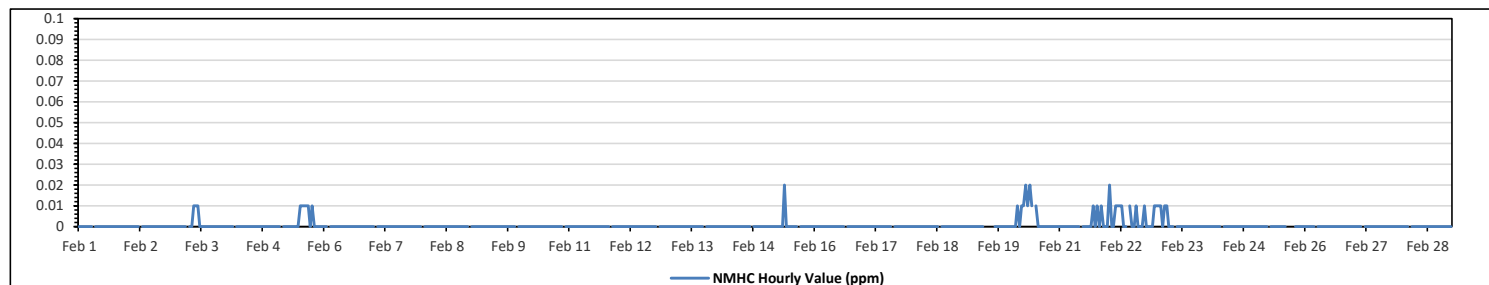
NON-METHANE HYDROCARBONS (NMHC) in ppm

Maximum Hourly Value:	0.02	ppm	on Feb 15 at hr 9	Hours in Service:	672
Maximum Daily Value:	0.00	ppm	on Feb 22	Hours of Data:	635
Minimum Hourly Value:	0.00	ppm	on Feb 1 at hr 0	Hours of Missing Data:	4
Minimum Daily Value:	0.00	ppm	on Feb 1	Hours of Calibration:	33
Monthly Average:	0.00	ppm		Operational Uptime:	99.4

Day	Hourly Period Starting at (MST)																								Daily Minimum	Daily Maximum	Daily Average
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Feb 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 3	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 4	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 5	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 6	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 7	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 8	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00
Feb 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00
Feb 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00
Feb 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00
Feb 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C	C	C	C	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 20	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.02	0.01	0.02	0.01	S	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Feb 22	0.02	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	S	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.02	0.00
Feb 23	0.01	0.01	0.00	0.01	0.01	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 25	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NRM	NRM	NRM	NRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 26	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 27	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 28	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diurnal Maximum	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01			
Diurnal Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Journal Maximum	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01			
Journal Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance									
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure	
X	InValid Data (Equipment Malfunction / Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																	

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

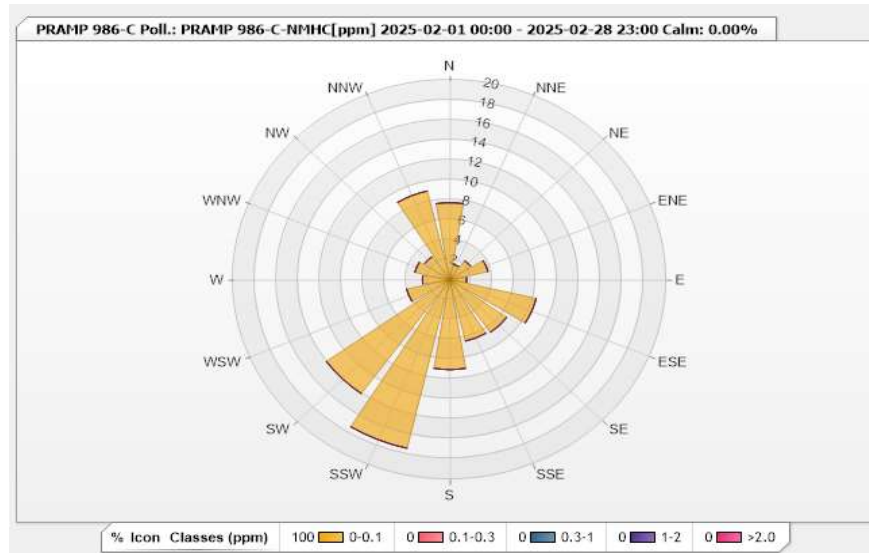


Station: PRAMP 986-C Poll.: PRAMP 986-C-NMHC[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.49% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	7.72	0	0	0	0	7.72
NNE	1.57	0	0	0	0	1.57
NE	2.36	0	0	0	0	2.36
ENE	3.62	0	0	0	0	3.62
E	1.57	0	0	0	0	1.57
ESE	8.19	0	0	0	0	8.19
SE	6.46	0	0	0	0	6.46
SSE	6.3	0	0	0	0	6.3
S	8.98	0	0	0	0	8.98
SSW	17.32	0	0	0	0	17.32
SW	14.02	0	0	0	0	14.02
WSW	4.09	0	0	0	0	4.09
W	2.52	0	0	0	0	2.52
WNW	3.31	0	0	0	0	3.31
NW	2.83	0	0	0	0	2.83
NNW	9.13	0	0	0	0	9.13
Summary	100	0	0	0	0	100



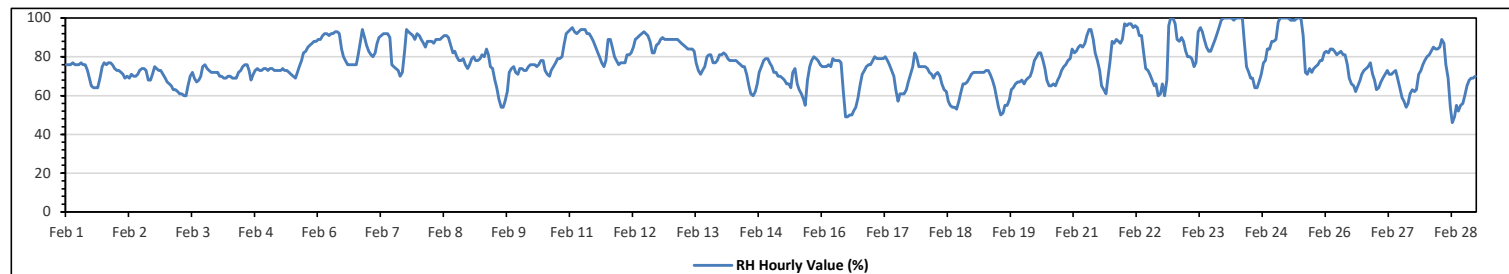
Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Feb 22 at hr 22	Hours in Service:	672																						
Maximum Daily Value:	88.6	%	on Feb 25	Hours of Data:	672																						
Minimum Hourly Value:	46	%	on Feb 28 at hr 12	Hours of Missing Data:	0																						
Minimum Daily Value:	64.9	%	on Feb 19	Hours of Calibration:	0																						
Monthly Average:	76.6	%		Operational Uptime:	100.0																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	76	76	76	77	76	76	76	77	76	76	73	69	65	64	64	64	69	75	77	76	77	76	74	64	77	73.4	
Feb 2	73	73	72	71	69	70	69	71	70	70	71	73	74	74	73	68	68	71	75	74	73	73	71	69	68	75	71.5
Feb 3	67	66	65	63	63	62	61	61	60	60	65	70	72	69	67	68	70	75	76	74	73	72	72	72	60	76	67.6
Feb 4	72	70	70	69	69	70	70	69	69	69	72	73	75	76	76	73	68	71	73	74	73	73	74	74	68	76	71.8
Feb 5	73	74	74	73	73	73	73	74	73	73	72	71	70	69	72	75	78	82	83	85	86	87	88	88	69	88	76.6
Feb 6	89	89	91	92	92	91	92	92	93	93	92	84	80	78	76	76	76	76	76	81	88	94	90	86	76	94	86.1
Feb 7	83	81	80	82	87	90	91	92	92	92	90	76	75	74	73	70	72	83	94	93	92	91	89	92	70	94	84.8
Feb 8	91	89	87	85	88	88	88	87	89	89	89	90	91	91	90	86	82	83	80	78	78	79	76	74	74	91	85.3
Feb 9	76	79	80	78	78	79	81	80	84	81	75	74	68	64	58	54	54	57	62	72	74	75	72	71	54	84	71.9
Feb 10	74	74	73	73	75	76	76	76	75	76	78	78	73	71	70	73	75	77	79	79	80	86	92	93	70	93	77.2
Feb 11	94	95	93	92	93	94	94	94	92	92	90	88	85	82	80	77	75	78	89	89	85	80	78	76	75	95	86.9
Feb 12	77	77	77	81	81	82	85	89	90	91	92	93	92	91	88	82	82	86	87	89	90	89	89	89	77	93	86.2
Feb 13	89	89	89	89	88	87	86	85	84	84	84	83	77	73	71	73	75	80	81	81	77	77	78	81	71	89	81.7
Feb 14	81	82	81	79	78	78	78	78	77	76	75	75	71	65	61	60	62	66	72	75	78	79	79	77	60	82	74.3
Feb 15	75	72	72	70	70	69	68	66	66	64	72	74	66	63	61	58	55	68	75	78	80	79	78	76	55	80	69.8
Feb 16	75	75	75	76	75	79	78	78	78	77	62	49	49	50	50	52	54	59	65	71	73	75	76	76	49	79	67.8
Feb 17	78	80	79	79	79	79	80	78	76	73	70	63	57	61	61	61	63	67	71	75	82	80	75	75	57	82	72.6
Feb 18	75	75	74	72	71	69	71	72	70	66	63	62	57	55	54	54	53	57	62	66	66	67	69	71	53	75	65.5
Feb 19	72	72	72	72	72	72	73	73	71	68	64	59	54	50	51	55	55	58	63	64	66	67	67	68	50	73	64.9
Feb 20	66	68	69	70	73	78	80	82	82	78	74	68	65	65	66	65	68	70	73	75	76	78	79	84	65	84	73.0
Feb 21	82	83	85	86	85	87	91	94	94	89	82	78	73	65	63	61	68	77	88	87	89	88	87	89	61	94	82.1
Feb 22	97	96	97	97	95	96	95	91	91	83	74	73	71	68	65	66	60	61	66	60	68	96	100	100	60	100	81.9
Feb 23	97	89	88	90	88	83	80	80	79	75	77	93	95	93	89	85	83	83	86	89	92	95	99	100	75	100	87.8
Feb 24	100	100	100	100	99	100	100	100	100	88	75	72	69	69	64	64	67	71	77	78	84	84	88	88	64	100	84.9
Feb 25	89	98	100	100	100	100	100	99	99	99	100	100	100	91	72	71	74	72	74	75	76	78	78	82	71	100	88.6
Feb 26	83	82	84	84	83	81	82	83	81	81	76	69	66	65	62	65	68	71	73	74	75	77	71	68	62	84	75.2
Feb 27	63	64	67	69	71	73	71	71	72	73	69	64	59	57	54	56	61	63	62	63	71	73	76	78	54	78	66.7
Feb 28	80	81	83	85	84	84	85	89	87	76	69	54	46	49	55	52	55	56	60	65	68	69	69	70	46	89	69.6
Diurnal Maximum	100	100	100	100	100	100	100	100	100	99	100	100	100	93	90	86	83	86	94	93	92	96	100	100			
Diurnal Average	80.3	80.3	80.5	80.5	80.5	80.9	81.2	81.5	81.1	79.0	76.6	74.1	71.3	69.4	67.4	66.6	67.5	71.2	75.0	76.4	78.2	79.9	79.9	80.0			
C	Monthly Calibration						S	Daily Zero-Span Check										Q	Quality Assurance								
K	Collection Error						ND	No Data (Machine Not in Service)										Y	Routine Maintenance						P	Power Failure	
X	Invalid Data (Equipment Malfunction /Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																			
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met. Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											



Peace River Area Monitoring Program

986-C Station - February 2025

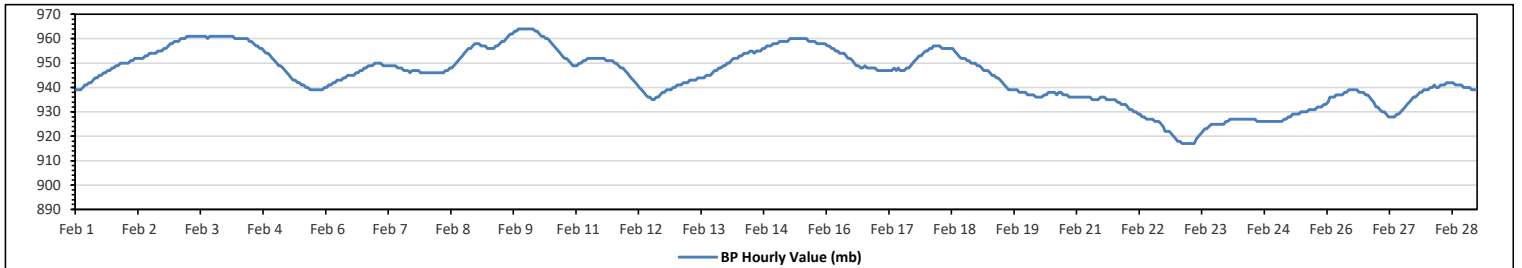
Summary of Hourly Averages

BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	964	mb	on Feb 9 at hr 20	Hours in Service:	672																						
Maximum Daily Value:	961	mb	on Feb 3	Hours of Data:	672																						
Minimum Hourly Value:	917	mb	on Feb 23 at hr 2	Hours of Missing Data:	0																						
Minimum Daily Value:	921	mb	on Feb 23	Hours of Calibration:	0																						
Monthly Average:	945	mb		Operational Uptime:	100.0																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	939	939	939	940	941	941	942	942	943	944	944	945	945	946	946	947	947	948	948	949	949	950	950	950	939	950	945
Feb 2	950	950	951	951	952	952	952	952	953	953	954	954	954	954	955	955	955	956	956	957	958	958	959	959	950	959	954
Feb 3	959	959	960	960	960	961	961	961	961	961	961	961	961	961	961	960	961	961	961	961	961	961	961	959	961	961	
Feb 4	961	961	961	961	960	960	960	960	960	960	960	959	959	958	957	957	956	956	955	954	954	953	952	951	951	961	958
Feb 5	950	949	949	948	947	946	945	944	943	943	942	942	941	941	940	940	939	939	939	939	939	939	940	939	950	943	
Feb 6	940	941	941	942	942	943	943	943	944	944	945	945	945	945	946	946	947	947	948	948	949	949	949	950	940	950	945
Feb 7	950	950	950	949	949	949	949	949	949	949	948	948	948	947	947	947	946	947	947	947	947	946	946	946	946	950	948
Feb 8	946	946	946	946	946	946	946	946	946	947	947	948	948	949	950	951	952	953	954	955	956	956	957	958	946	958	950
Feb 9	958	958	957	957	957	956	956	956	956	957	957	958	959	959	960	961	962	962	963	963	964	964	964	964	956	964	960
Feb 10	964	964	964	964	963	963	962	961	961	960	960	959	958	957	956	955	954	953	952	952	951	950	949	949	949	949	958
Feb 11	949	950	950	951	951	952	952	952	952	952	952	952	952	952	951	951	951	951	950	950	949	948	947	947	947	952	951
Feb 12	946	945	944	943	942	941	940	939	938	937	936	936	935	935	936	936	937	938	938	939	939	939	940	940	935	946	939
Feb 13	941	941	941	942	942	942	943	943	943	943	944	944	944	944	945	945	945	946	947	947	948	948	949	949	941	949	944
Feb 14	950	950	951	952	952	952	953	953	954	954	954	955	955	954	955	955	955	956	956	957	957	957	958	958	950	958	954
Feb 15	958	959	959	959	959	959	960	960	960	960	960	960	960	960	960	959	959	959	959	958	958	958	958	958	958	960	959
Feb 16	957	957	956	956	955	955	954	954	954	953	952	952	951	950	949	948	948	949	948	948	948	948	948	948	948	957	952
Feb 17	947	947	947	947	947	947	947	947	948	947	948	947	947	947	948	948	949	950	951	952	953	953	954	955	947	955	949
Feb 18	955	956	956	957	957	957	957	956	956	956	956	956	955	955	954	953	952	952	952	951	951	950	950	950	950	957	954
Feb 19	949	949	948	947	947	947	946	945	945	944	944	943	942	941	940	939	939	939	939	939	938	938	938	938	938	949	943
Feb 20	937	937	937	937	936	936	936	936	937	937	938	938	938	938	937	938	938	937	937	937	936	936	936	936	936	938	937
Feb 21	936	936	936	936	936	936	936	935	935	935	935	936	936	936	935	935	935	935	935	934	934	933	933	933	933	936	935
Feb 22	932	931	931	930	930	929	929	928	928	927	927	927	927	926	926	925	924	922	922	922	922	921	920	919	919	932	926
Feb 23	918	918	917	917	917	917	917	917	917	919	920	921	922	923	923	924	925	925	925	925	925	925	925	926	917	926	921
Feb 24	926	927	927	927	927	927	927	927	927	927	927	927	927	927	926	926	926	926	926	926	926	926	926	926	926	927	927
Feb 25	926	926	926	927	927	928	928	929	929	929	930	930	930	930	930	931	931	931	931	932	932	932	933	933	926	933	930
Feb 26	934	936	936	936	937	937	937	937	938	938	939	939	939	939	939	938	938	938	937	937	937	936	935	934	932	932	937
Feb 27	932	931	930	930	929	928	928	928	928	929	929	930	931	932	933	934	935	936	936	937	938	938	939	939	928	939	933
Feb 28	939	940	940	941	940	940	941	941	941	942	942	942	942	941	941	941	940	940	940	940	939	939	939	939	939	942	941
Diurnal Maximum	964	964	964	964	963	963	962	961	961	961	961	961	961	961	961	961	962	962	963	963	964	964	964	964			
Diurnal Average	945	945	945	945	945	945	945	944	944	945	945	945	945	945	944	945	945	945	945	945	945	945	945	945			
C	Monthly Calibration								S	Daily Zero-Span Check								Q	Quality Assurance								
K	Collection Error								ND	No Data (Machine Not in Service)								Y	Routine Maintenance						P	Power Failure	
X	Invalid Data (Equipment Malfunction /Recovery)								NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																	
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

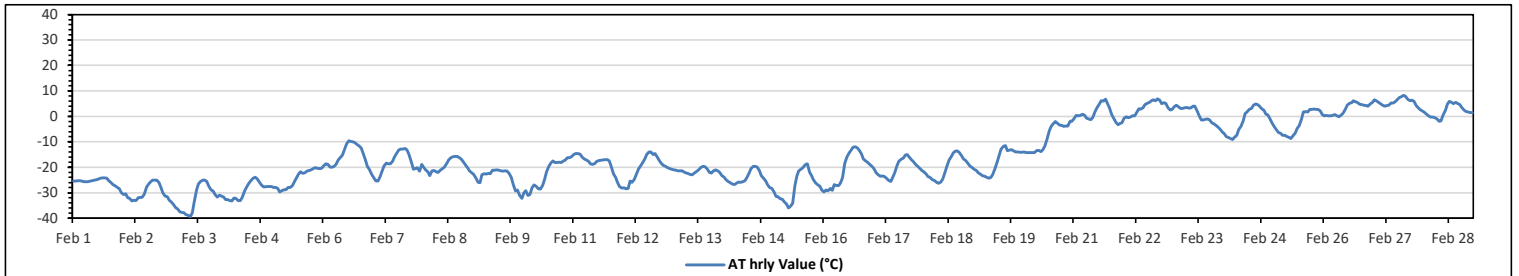
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



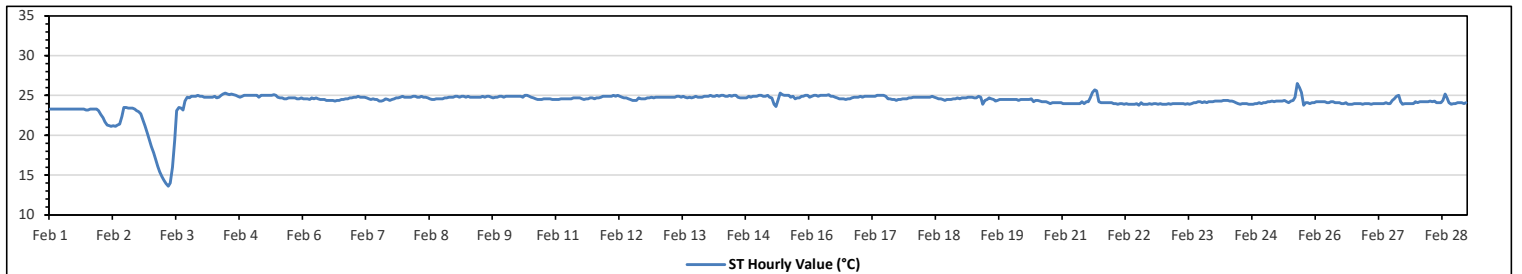
Peace River Area Monitoring Program
986-C Station - February 2025
Summary of Hourly Averages
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	8.3	°C	on Feb 27 at hr 14	Hours in Service:	672																														
Maximum Daily Value:	5.5	°C	on Feb 27	Hours of Data:	672																														
Minimum Hourly Value:	-39.4	°C	on Feb 3 at hr 8	Hours of Missing Data:	0																														
Minimum Daily Value:	-32.3	°C	on Feb 3	Hours of Calibration:	0																														
Monthly Average:	-15.4	°C		Operational Uptime:	100.0																														
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average									
Feb 1	-25.5	-25.4	-25.3	-25.3	-25.4	-25.7	-25.7	-25.5	-25.3	-25	-24.9	-24.6	-24.4	-24.2	-24.2	-24.4	-25.3	-26.1	-26.8	-27.3	-27.9	-28.5	-29.9	-29.9	-24.2	-25.8									
Feb 2	-30.7	-30.5	-32	-32.3	-33.2	-33	-33.1	-32	-31.8	-31.9	-30.6	-27.8	-26.7	-25.8	-25	-25	-25.1	-26.1	-28	-30	-31.3	-31.6	-33	-33.7	-33.7	-25.0	-30.0								
Feb 3	-34.6	-35.9	-36.4	-37.6	-37.8	-37.9	-38.6	-38.9	-39.4	-37.9	-33.6	-29.1	-26.6	-25.6	-25	-25.1	-25.6	-27.5	-28.9	-29.4	-30.8	-31.7	-31	-31.3	-39.4	-25.0	-32.3								
Feb 4	-31.7	-32.7	-32.7	-33.1	-33.2	-32.1	-32.3	-33.1	-33.1	-31.8	-29.5	-28	-26.5	-25.5	-24.5	-24	-24.5	-25.6	-26.8	-27.7	-27.7	-27.6	-27.6	-27.6	-33.2	-24.0	-29.1								
Feb 5	-27.9	-28	-28.4	-29.7	-29.2	-28.8	-28.8	-28	-27.9	-27.2	-25.7	-24.1	-22.7	-21.8	-22.4	-22.2	-21.6	-21.3	-21	-20.5	-20.2	-20.4	-20.5	-20.4	-29.7	-20.2	-24.5								
Feb 6	-19.5	-18.6	-18.9	-19.9	-20.1	-19.7	-19	-17.1	-16.2	-15.2	-13.3	-10.9	-9.7	-9.8	-9.9	-10.3	-11.1	-11.6	-12.5	-14.7	-16.8	-19.6	-21	-22.7	-22.7	-9.7	-15.8								
Feb 7	-24	-25.3	-25.4	-23.9	-21.6	-19.5	-18.4	-18.6	-18.6	-17.7	-16.1	-14.6	-13.2	-12.8	-12.9	-12.6	-13.3	-15.1	-17.8	-20.7	-20.5	-20.2	-21.6	-18.9	-25.4	-12.6	-18.5								
Feb 8	-20	-21.1	-21.8	-23.2	-21.5	-21.3	-21.8	-22	-21.2	-20.5	-19.9	-18.5	-17.1	-16.3	-15.9	-15.8	-15.8	-16.2	-16.8	-17.9	-19.1	-20.2	-21.4	-22.2	-23.2	-15.8	-19.5								
Feb 9	-22.8	-24.2	-25.9	-26	-23	-22.6	-22.7	-22.4	-22.6	-21.2	-21.1	-21	-21.2	-21.4	-21.6	-21.5	-21.6	-22.4	-24.1	-26.9	-29.4	-29	-31.2	-32.2	-32.2	-21.0	-24.1								
Feb 10	-30	-29.2	-31.2	-30.7	-28	-27	-27.6	-28.5	-28.6	-27.1	-24.6	-21.8	-19.6	-18.3	-17.6	-18.1	-18.1	-18	-18.1	-17.6	-17.1	-16.3	-16.3	-15.7	-31.2	-15.7	-22.7								
Feb 11	-15	-14.6	-14.6	-14.9	-16	-16.7	-17.1	-17.7	-18.7	-19	-18.5	-17.8	-17.4	-17.3	-17.1	-17	-17	-17.5	-19.7	-22.6	-24.1	-26.1	-27.5	-28.2	-28.2	-14.6	-18.8								
Feb 12	-28.1	-28.5	-28.4	-25.5	-25.9	-24.8	-22.7	-20.7	-19.6	-18.2	-16.7	-15	-14	-14	-15.1	-14.6	-16	-17.5	-18.4	-19.3	-19.7	-20.2	-20.5	-20.8	-28.5	-14.0	-20.2								
Feb 13	-21	-21.1	-21.4	-21.4	-21.5	-21.9	-22.3	-22.6	-23	-23	-22.2	-21.7	-20.9	-20	-19.7	-19.8	-20.6	-22	-22.3	-21.5	-21	-21.5	-22	-23.2	-23.2	-19.7	-21.6								
Feb 14	-24	-24.8	-25.6	-26	-26.6	-26.9	-26.3	-25.8	-25.9	-25.7	-25.3	-24.1	-22.5	-20.5	-19.7	-19.6	-19.9	-21.3	-23.3	-24.3	-25.5	-27	-28	-28.4	-28.4	-19.6	-24.5								
Feb 15	-29.7	-31.5	-31.6	-32.4	-32.6	-33.6	-34.5	-36	-35.4	-34.2	-27.3	-23.5	-21.4	-20.8	-20.1	-19.1	-18.6	-21.9	-23.3	-24.9	-26.2	-27	-27.4	-29	-36.0	-18.6	-27.6								
Feb 16	-29.7	-28.9	-29.2	-28.4	-29.1	-26.8	-27.2	-27.2	-26	-24.1	-18.4	-15.9	-14.5	-13.2	-12.2	-12	-12.4	-13.5	-14.8	-16.7	-17.5	-18.1	-19	-19.6	-29.7	-12.0	-20.6								
Feb 17	-20.5	-22.1	-23	-23.6	-23.4	-23.7	-24.4	-25.2	-25.6	-23.9	-22.2	-19.4	-17.7	-16.9	-16.4	-15.2	-15	-16.1	-17.2	-17.9	-19.1	-19.7	-20.5	-21.3	-25.6	-15.0	-20.4								
Feb 18	-21.9	-22.8	-23.7	-24.1	-24.9	-25.2	-25.9	-26.3	-25.8	-24.6	-22	-19.3	-17.2	-16	-14.4	-13.6	-13.6	-14.3	-15.5	-16.7	-17.4	-18.5	-19.5	-20	-26.3	-13.6	-20.1								
Feb 19	-20.7	-21.3	-22.2	-22.7	-23.3	-23.6	-23.9	-24.3	-24.1	-23	-20.6	-18	-15.5	-13	-11.8	-11.4	-13.5	-13.3	-13.1	-13.6	-13.9	-14	-14.1	-14.1	-24.3	-11.4	-17.9								
Feb 20	-14	-14.2	-14.2	-14.3	-14.3	-14.3	-13.5	-13.4	-13.8	-13.1	-11.7	-8.9	-5.7	-3.9	-2.8	-2	-2.7	-3.4	-3.6	-3.9	-3.8	-3.8	-1.9	-1.9	-14.3	-1.9	-8.3								
Feb 21	-0.8	0.3	0.2	0.4	0.9	0.3	-0.7	-1.1	-1.3	-0.4	1.9	3.4	4.8	6.1	6	6.7	5	3.4	0.7	-0.9	-2.3	-3.3	-2.9	-2.5	-3.3	6.7	1.0								
Feb 22	-0.6	-0.2	-0.5	-0.3	0.2	0.2	1.4	3	2.8	3.4	4.7	5.1	5.5	6.2	6.5	6.1	6.9	6.3	5	5.4	5.1	3.4	2.4	2.7	-0.6	6.9	3.4								
Feb 23	3.7	4.4	3.7	3.1	3.1	3.4	3.5	3.2	3.4	3.9	4	2.2	0.1	-1.4	-1.5	-1.2	-1.1	-1.5	-2.5	-3	-3.5	-4.2	-5.1	-6.2	-6.2	4.4	0.4								
Feb 24	-6.8	-8	-8.4	-8.7	-9.1	-8.1	-7.4	-5.2	-4	-1.8	1.1	1.7	2.7	3.1	4.4	4.9	4.6	3.9	3	2.3	0.9	0.6	-1.1	-2.8	-9.1	4.9	-1.6								
Feb 25	-4.1	-5.4	-6.3	-6.7	-7.4	-7.5	-8	-8.3	-8.7	-7.6	-6.7	-4.6	-3.7	-1.2	1.7	1.8	1.7	2.7	2.7	2.9	2.7	2.7	2.1	0.8	-8.7	2.9	-2.7								
Feb 26	0.2	0.3	0.2	0.2	0.3	0.7	0.2	-0.2	0.5	1.2	2.7	4.4	5.1	5.3	6.1	5.8	5.4	4.8	4.6	4.3	4.2	4	4.9	5.5	-0.2	6.1	2.9								
Feb 27	6.4	6.1	5.5	4.9	4.3	4	4.2	4.4	5.2	5.2	5.8	6.5	7.4	7.7	8.3	7.9	6.7	6.2	6.3	5.9	4.3	3.5	2.6	2.1	2.1	8.3	5.5								
Feb 28	1.6	0.9	0.2	-0.3	-0.3	-0.5	-1	-1.9	-1.8	0.6	2.3	4.8	5.9	5.5	5	5.5	5	4.6	3.5	2.5	1.9	1.7	1.5	1.5	-1.9	5.9	2.0								
Diurnal Maximum	6.4	6.1	5.5	4.9	4.3	4.0	4.2	4.4	5.2	5.2	5.8	6.5	7.4	7.7	8.3	7.9	6.9	6.3	6.3	5.9	5.1	4.0	4.9	5.5											
Diurnal Average	-17.6	-17.9	-18.5	-18.7	-18.5	-18.3	-18.3	-18.3	-18.1	-17.1	-15.3	-13.6	-12.4	-11.6	-11.1	-10.9	-11.3	-12.1	-13.1	-14.1	-14.8	-15.4	-16.0	-16.4											
C	Monthly Calibration								S	Daily Zero-Span Check								Q	Quality Assurance																
K	Collection Error								ND	No Data (Machine Not in Service)								Y	Routine Maintenance								P	Power Failure							
X	Invalid Data (Equipment Malfunction /Recovery)								NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																									
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																			
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																			



Peace River Area Monitoring Program
986-C Station - February 2025
Summary of Hourly Averages
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	26.5	°C	on Feb 25 at hr 15	Hours in Service:	672																								
Maximum Daily Value:	25.0	°C	on Feb 4	Hours of Data:	672																								
Minimum Hourly Value:	13.6	°C	on Feb 3 at hr 8	Hours of Missing Data:	0																								
Minimum Daily Value:	20.1	°C	on Feb 3	Hours of Calibration:	0																								
Monthly Average:	24.2	°C		Operational Uptime:	100.0																								
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average			
Feb 1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2	23.2	23.3	23.3	23.3	23.3	23.1	23.1	23.3					
Feb 2	22.6	22.2	21.7	21.3	21.2	21.1	21.2	21.1	21.3	21.4	22.4	23.5	23.5	23.4	23.4	23.4	23.3	23.1	23.0	22.7	21.9	21.2	20.3	19.4	23.5				
Feb 3	18.6	17.8	16.9	16.1	15.4	14.8	14.4	13.9	13.6	14.0	16.0	19.4	23.1	23.5	23.4	23.2	24.3	24.8	24.7	24.9	24.9	24.9	25.0	24.9	20.1				
Feb 4	24.9	24.8	24.8	24.8	24.8	24.8	24.9	24.7	24.8	25.0	25.2	25.3	25.2	25.1	25.2	25.1	25.0	24.9	24.8	24.9	25.0	25.0	25.0	25.0	25.0				
Feb 5	25.0	25.0	25.0	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.0	24.8	24.7	24.7	24.6	24.6	24.7	24.7	24.7	24.7	24.6	24.6	24.7	24.8				
Feb 6	24.6	24.6	24.6	24.5	24.7	24.6	24.7	24.6	24.5	24.5	24.5	24.4	24.4	24.4	24.4	24.3	24.4	24.4	24.4	24.5	24.5	24.6	24.6	24.7	24.3				
Feb 7	24.8	24.8	24.9	24.8	24.8	24.8	24.7	24.6	24.5	24.6	24.5	24.5	24.3	24.3	24.4	24.6	24.5	24.4	24.5	24.6	24.7	24.7	24.8	24.9	24.3				
Feb 8	24.8	24.8	24.8	24.8	24.9	24.9	24.8	24.8	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.6	24.6	24.6	24.6	24.7	24.7	24.8	24.8	24.8	24.5				
Feb 9	24.9	24.9	24.8	24.9	24.9	24.8	24.9	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.8	24.9	24.9	24.8	24.7	24.8	24.8	24.9	24.9	24.8	24.7				
Feb 10	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.8	25.0	25.0	24.9	24.8	24.7	24.6	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.5	24.5	24.5				
Feb 11	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.6	24.5	24.6	24.6	24.7	24.7	24.6	24.7	24.7	24.8	24.9	24.9	24.5				
Feb 12	24.9	24.9	24.9	25.0	24.9	25.0	24.9	24.8	24.7	24.7	24.6	24.5	24.4	24.4	24.4	24.7	24.6	24.6	24.6	24.6	24.7	24.7	24.8	24.7	24.4				
Feb 13	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.8	24.9	24.8	24.7	24.8	24.7	24.8	24.9	24.8	24.8	24.8	24.9	24.9	24.7				
Feb 14	24.9	25.0	24.9	24.9	25.0	24.9	25.0	25.0	24.9	24.9	25.0	24.9	25.0	25.0	24.8	24.7	24.7	24.7	24.7	24.9	24.8	24.8	24.9	24.9	24.7				
Feb 15	25.0	25.0	24.9	24.9	25.0	24.8	24.7	23.9	23.6	24.5	25.3	25.1	25.0	25.0	25.0	24.8	24.9	24.6	24.7	24.7	24.9	24.9	25.0	25.0	23.6				
Feb 16	24.8	24.9	25.0	25.0	24.9	25.0	25.0	25.0	25.1	24.9	24.9	24.8	24.7	24.6	24.6	24.6	24.5	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.5				
Feb 17	24.9	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	24.9	24.6	24.6	24.5	24.5	24.4	24.5	24.5	24.6	24.6	24.6	24.7	24.4				
Feb 18	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.8	24.7	24.6	24.6	24.5	24.4	24.5	24.5	24.5	24.6	24.6	24.7	24.6	24.4				
Feb 19	24.7	24.7	24.7	24.8	24.8	24.8	24.7	24.7	24.9	24.8	23.9	24.4	24.5	24.7	24.6	24.5	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.5	23.9				
Feb 20	24.5	24.5	24.5	24.4	24.5	24.5	24.5	24.5	24.5	24.6	24.2	24.4	24.4	24.3	24.2	24.2	24.2	24.1	24.0	24.1	24.1	24.1	24.1	24.1	24.0				
Feb 21	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.0	24.2	24.2	24.7	25.4	25.7	25.6	24.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.0				
Feb 22	24.0	24.0	23.9	24.0	24.0	23.9	24.0	23.9	23.9	23.9	23.9	24.0	23.8	24.1	23.9	23.9	23.9	24.0	23.9	24.0	23.9	24.0	23.9	24.0	23.8				
Feb 23	23.9	23.9	24.0	23.9	24.0	24.0	24.0	24.0	24.0	24.0	23.9	24.0	23.9	24.0	24.1	24.1	24.2	24.1	24.2	24.1	24.2	24.2	24.2	24.2	23.9				
Feb 24	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.3	24.3	24.2	24.1	24.0	23.9	24.0	24.0	24.0	23.9	23.9	23.9	24.0	24.0	24.1	24.0	24.1	23.9				
Feb 25	24.1	24.2	24.2	24.3	24.2	24.3	24.3	24.3	24.3	24.4	24.2	24.1	24.3	24.4	24.8	26.5	26.0	25.4	23.8	24.1	24.1	24.0	24.1	24.1	23.8				
Feb 26	24.2	24.2	24.2	24.2	24.2	24.1	24.1	24.2	24.2	24.1	24.1	24.1	24.0	24.0	24.1	23.9	23.9	23.9	24.0	24.0	24.0	24.0	23.9	24.0	23.9				
Feb 27	24.0	24.0	23.9	24.0	24.0	24.0	24.0	24.0	24.1	24.0	24.0	24.4	24.6	24.9	25.0	24.2	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.2	23.9				
Feb 28	24.1	24.2	24.2	24.2	24.2	24.3	24.2	24.3	24.1	24.1	24.1	24.4	25.2	24.7	24.1	23.9	24.0	24.0	24.1	24.1	24.1	24.0	24.1	24.0	24.1				
Diurnal Maximum	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.3	25.3	25.2	25.2	25.4	26.5	26.0	25.4	24.9	24.9	25.0	25.0	25.0	25.0	25.0					
Diurnal Average	24.2	24.2	24.2	24.1	24.1	24.1	24.1	24.0	24.1	24.1	24.1	24.3	24.4	24.4	24.5	24.5	24.5	24.4	24.3	24.4	24.4	24.4	24.3	24.3					
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance												
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure				
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																													
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																													



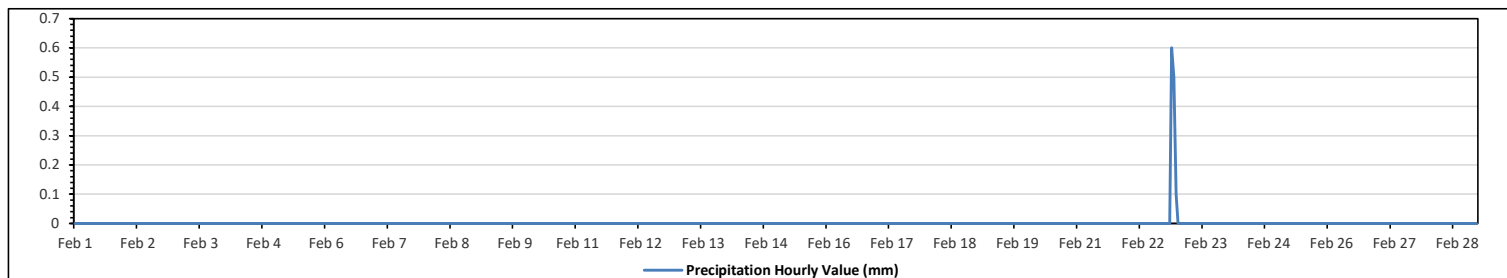
Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

PRECIPITATION in mm

Maximum Hourly Value:	0.6	mm	on Feb 22 at hr 21	Hours in Service:	672																						
Maximum Daily Value:	1.2	mm	on Feb 22	Hours of Data:	672																						
Minimum Hourly Value:	0.0	mm	on Feb 1 at hr 0	Hours of Missing Data:	0																						
Minimum Daily Value:	0.0	mm	on Feb 1	Hours of Calibration:	0																						
Monthly Total:	1.2	mm		Operational Uptime:	100.0																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Total	
Feb 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.5	0.1	0.0	0.6	1.2	
Feb 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Feb 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
Diurnal Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.1				
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure		
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																		
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											



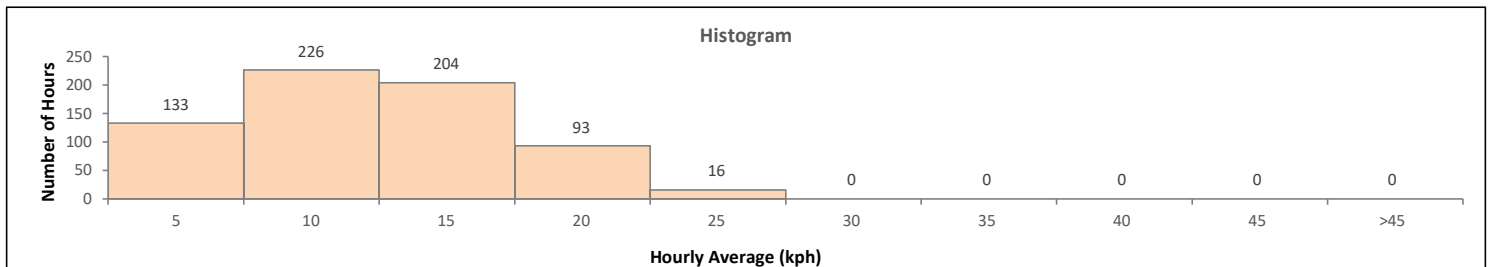
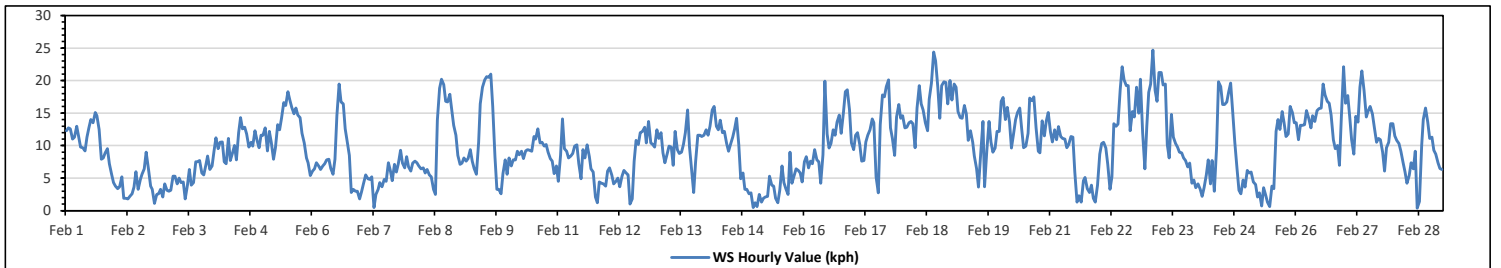
Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	24.7	kph	on Feb 23 at hr 2	Hours in Service:	672																																						
Maximum Daily Value:	16.5	kph	on Feb 18	Hours of Data:	672																																						
Minimum Hourly Value:	0.4	kph	on Feb 28 at hr 11	Hours of Missing Data:	0																																						
Minimum Daily Value:	3.7	kph	on Feb 15	Hours of Calibration:	0																																						
Monthly Average:	3.0	kph		Operational Uptime:	100.0																																						
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average			
Feb 1	12.3	12.7	12.6	11.0	11.3	13.0	11.4	9.8	9.7	9.2	11.3	12.7	14.0	13.5	15.1	14.6	12.5	7.9	8.1	8.9	9.5	7.2	5.6	4.3	4.3	15.1	10.8																
Feb 2	3.8	3.4	3.7	5.2	1.9	1.9	1.8	2.2	2.6	3.6	6.0	3.3	4.8	5.6	6.4	9.0	6.5	3.8	3.3	1.1	2.5	2.6	3.3	2.1	1.1	9.0	3.8																
Feb 3	4.1	3.1	3.0	3.1	5.3	5.3	4.1	5.0	4.3	4.4	1.8	3.9	6.3	3.9	4.3	7.5	7.7	5.8	5.5	7.1	8.4	6.3	6.9	1.8	8.4	5.2																	
Feb 4	9.1	11.2	9.5	10.5	10.6	7.5	7.2	11.1	7.7	8.9	10.0	7.8	12.0	14.3	12.6	12.8	11.8	9.8	10.5	9.9	12.3	10.7	9.7	11.6	7.2	14.3	10.4																
Feb 5	11.6	12.7	9.2	12.2	10.5	7.9	9.7	13.2	12.4	14.2	16.6	16.2	18.3	17.0	15.9	14.9	15.8	14.7	14.3	11.9	10.4	8.1	7.4	5.4	5.4	18.3	12.5																
Feb 6	6.1	6.4	7.4	6.9	6.3	6.9	7.2	7.8	7.9	6.5	5.6	7.9	14.6	19.5	16.7	16.4	12.6	10.7	8.5	2.8	3.3	3.0	3.0	1.8	1.8	19.5	8.2																
Feb 7	2.9	4.1	5.5	4.9	4.8	5.2	0.5	2.5	3.3	4.3	3.7	4.8	4.5	7.4	6.2	4.6	7.1	5.9	7.2	9.3	7.3	6.6	8.3	6.7	0.5	9.3	5.3																
Feb 8	6.1	7.3	7.6	7.4	6.9	6.4	6.6	5.8	6.3	5.5	5.2	3.3	2.5	13.9	18.8	20.2	19.4	16.8	16.7	17.9	15.5	13.1	11.6	8.5	2.5	20.2	10.4																
Feb 9	7.1	7.3	8.1	7.6	8.0	9.4	7.6	6.5	5.6	10.5	16.4	19.0	20.1	20.6	20.5	21.0	16.0	8.3	3.3	3.3	2.6	5.7	7.8	5.6	2.6	21.0	10.3																
Feb 10	8.1	6.9	7.8	7.8	9.1	8.6	9.1	8.0	9.2	9.4	9.3	9.1	11.4	11.0	12.6	10.4	10.5	9.9	10.2	9.0	8.0	7.6	5.7	6.9	5.7	12.6	9.0																
Feb 11	4.5	8.5	14.1	9.5	9.1	8.1	8.4	8.8	9.9	10.1	7.2	4.9	9.4	8.1	10.1	8.3	6.4	5.9	2.1	1.2	4.4	4.2	4.1	3.8	1.2	14.1	7.1																
Feb 12	6.1	6.6	5.5	4.1	4.5	5.0	3.7	5.3	6.2	5.8	5.5	1.0	1.8	7.6	10.8	10.2	12.0	12.2	12.8	10.4	13.7	10.4	10.2	9.8	1.0	13.7	7.6																
Feb 13	12.4	11.1	12.0	8.9	7.4	8.7	9.9	9.8	7.0	12.2	9.4	8.8	9.0	10.2	12.0	15.5	9.8	6.6	2.8	7.5	11.6	11.6	11.4	11.6	2.8	15.5	9.9																
Feb 14	12.4	11.6	13.0	15.5	16.0	13.0	12.4	13.9	12.0	12.2	10.3	9.1	10.2	11.3	12.6	14.2	10.1	4.9	5.8	3.3	3.3	2.6	2.7	0.5	0.5	16.0	9.7																
Feb 15	1.2	0.6	2.5	1.3	1.9	2.1	2.2	5.3	3.9	3.8	1.9	1.2	3.1	6.9	4.3	3.4	2.5	9.0	4.2	5.4	6.4	6.2	5.8	4.4	0.6	9.0	3.7																
Feb 16	7.5	8.3	6.6	7.6	7.2	9.4	7.8	7.5	4.2	8.6	19.9	11.8	9.6	10.3	12.4	11.6	13.6	14.7	11.9	15.1	18.3	18.6	15.5	10.4	4.2	19.9	11.2																
Feb 17	9.4	11.6	12.0	10.2	7.6	7.7	10.6	11.6	12.4	14.1	13.5	5.2	2.7	13.2	17.8	17.5	19.1	20.1	12.7	11.1	8.5	14.4	16.3	14.2	2.7	20.1	12.2																
Feb 18	14.6	12.7	12.8	13.5	13.7	13.4	9.7	15.8	19.2	16.4	15.5	13.5	12.3	17.1	19.6	24.4	23.0	18.9	14.2	19.2	19.8	19.7	16.4	20.0	9.7	24.4	16.5																
Feb 19	17.0	19.5	19.0	15.2	14.3	14.2	16.2	14.9	10.8	12.3	10.5	8.4	6.5	3.6	8.8	13.7	3.7	9.2	13.7	10.6	9.0	9.6	12.2	12.2	3.6	19.5	11.9																
Feb 20	16.8	17.4	14.0	15.9	13.6	9.6	11.6	14.0	15.1	15.8	12.6	9.7	9.9	11.9	17.3	16.9	17.5	12.7	9.1	8.9	13.8	11.5	13.8	15.1	8.9	17.5	13.5																
Feb 21	12.1	10.6	12.4	10.9	12.9	11.4	11.1	11.0	9.7	10.2	11.4	11.3	5.9	1.3	2.3	1.3	4.6	5.1	3.4	2.8	3.9	1.9	1.3	3.9	1.3	12.9	7.2																
Feb 22	8.7	10.3	10.5	9.6	7.1	3.3	5.2	13.4	13.0	13.3	18.7	22.1	20.1	19.2	19.2	12.3	15.2	14.4	19.0	15.0	20.2	12.0	6.4	13.0	3.3	22.1	13.4																
Feb 23	18.2	19.5	24.7	18.5	16.8	21.2	21.2	19.3	19.5	10.2	8.1	14.8	11.3	10.3	9.8	9.0	8.9	8.1	7.7	6.7	7.3	4.2	4.7	3.5	3.5	24.7	12.6																
Feb 24	4.1	3.3	2.2	3.5	5.5	7.8	4.1	7.7	3.0	9.6	19.8	19.1	16.3	16.3	16.7	18.3	19.6	14.8	10.5	6.4	3.1	2.6	4.7	3.6	2.2	19.8	9.3																
Feb 25	6.2	5.8	5.9	4.4	4.0	2.1	2.7	0.7	3.5	2.3	1.3	0.6	3.8	3.4	12.2	14.0	12.5	15.2	13.5	11.4	11.8	16.0	15.1	13.5	0.6	16.0	7.6																
Feb 26	13.5	10.9	13.1	13.1	13.2	15.4	14.2	12.7	14.6	13.7	15.4	15.7	15.8	19.5	17.8	16.8	16.5	14.7	10.9	9.5	10.0	7.0	14.4	22.1	7.0	22.1	14.2																
Feb 27	16.5	17.7	14.5	10.9	8.7	14.5	13.6	19.0	21.5	18.4	14.4	15.2	16.0	14.9	12.8	10.5	11.1	10.9	9.0	6.1	9.7	10.5	13.4	13.4	6.1	21.5	13.5																
Feb 28	11.5	10.8	10.3	9.1	7.4	5.9	4.2	5.4	7.4	6.4	9.1	0.4	1.4	10.0	14.0	15.8	13.6	11.1	11.3	9.3	8.7	7.4	6.5	6.3	0.4	15.8	8.5																
Diurnal Maximum	18.2	19.5	24.7	18.5	16.8	21.2	21.2	19.3	21.5	18.4	19.9	22.1	20.1	20.6	20.5	24.4	23.0	20.1	19.0	19.2	20.2	19.7	16.4	22.1																			
Diurnal Average	9.4	9.7	10.0	9.2	8.8	8.7	8.4	9.6	9.4	9.7	10.4	9.3	9.8	11.5	12.8	13.0	12.1	10.9	9.4	8.6	9.4	8.7	8.7	8.6																			
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance																				
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance										P	Power Failure									
X	InValid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																															
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																											

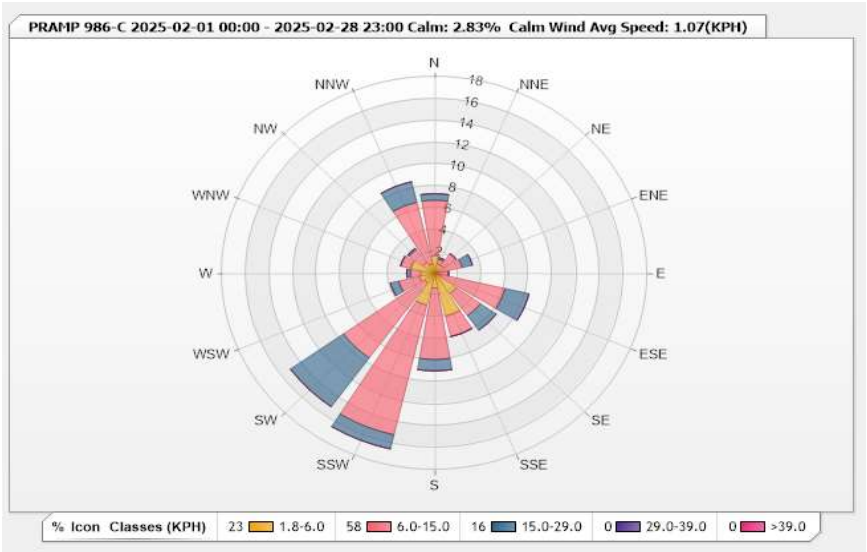


Station: PRAMP 986-C Monitor: WDS [KPH] Monthly: 02-2025

Type: Wind Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm (WS<1.8kph): 2.83% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	1.64	5.06	0.6	0	0	7.3
NNE	0.89	0.45	0.15	0	0	1.49
NE	0.89	1.34	0	0	0	2.23
ENE	0.3	2.08	0.89	0	0	3.27
E	0.15	1.04	0	0	0	1.19
ESE	0.45	5.65	2.08	0	0	8.18
SE	2.23	2.53	1.64	0	0	6.4
SSE	4.02	1.93	0	0	0	5.95
S	1.34	6.55	1.04	0	0	8.93
SSW	2.98	12.2	1.34	0	0	16.52
SW	1.04	8.48	5.51	0	0	15.03
WSW	1.34	1.79	0.74	0	0	3.87
W	1.19	0.89	0.3	0	0	2.38
WNW	2.08	0.89	0	0	0	2.97
NW	1.19	1.49	0.15	0	0	2.83
NNW	0.89	5.8	1.93	0	0	8.62
Summary	22.62	58.17	16.37	0	0	97.16



WIND DIRECTION (VWD) in sector

Histogram

Hourly Average (deg)	Number of Hours
0	0
45	40
90	34
135	93
180	84
225	205
270	77
315	36
360	103
>360	0

Peace River Area Monitoring Program

986-C Station - February 2025

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr & WIND DIRECTION (VWD) in sector

WIND SPEED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Maximum Hourly Value:				24.7 kph				on Feb 23 at hr 2				Hours in Service:				672																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Maximum Daily Value:				16.5 kph				on Feb 18				Hours of Data:				672																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Minimum Hourly Value:				0.4 kph				on Feb 28 at hr 11				Hours of Missing Data:				0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Minimum Daily Value:				3.7 kph				on Feb 15				Hours of Calibration:				0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Monthly Average:				3.0 kph								Operational Uptime:				100.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Feb 1	12.3	12.7	12.6	11.0	11.3	13.0	11.4	9.8	9.7	9.2	11.3	12.7	14.0	13.5	15.1	14.6	12.5	7.9	8.1	8.9	9.5	7.2	5.6	4.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

842-B STATION

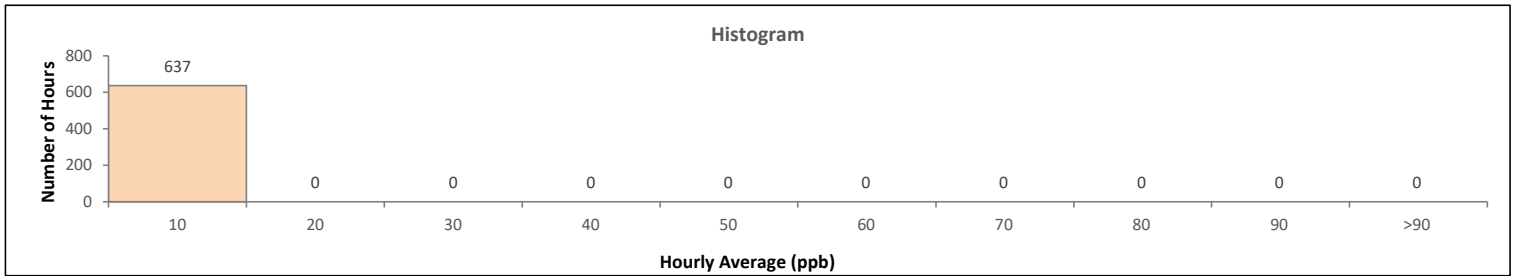
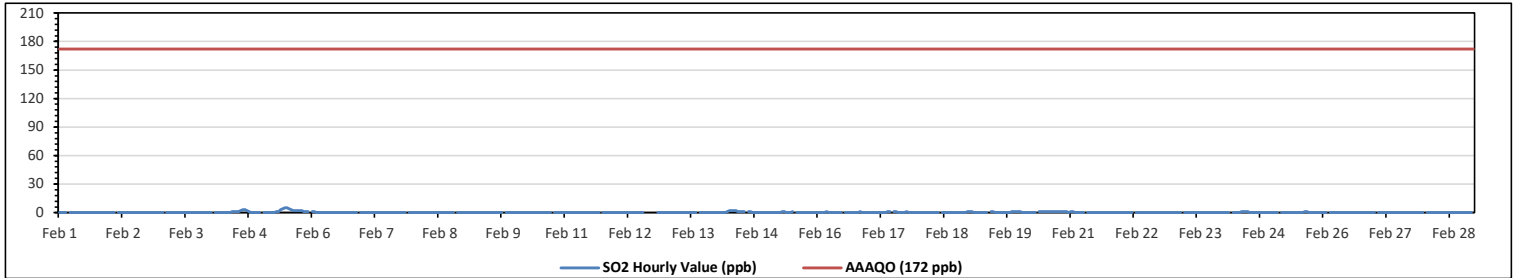
Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb																												
Number of 1-Hour Exceedances:					0					Number of 24-Hour Exceedances:					0					30-Day Exceedence:					0			
Maximum Hourly Value:					5 ppb on Feb 5 at hr 11					Hours in Service:					672													
Maximum Daily Value:					1.8 ppb on Feb 5					Hours of Data:					637													
Minimum Hourly Value:					0 ppb on Feb 1 at hr 0					Hours of Missing Data:					0													
Minimum Daily Value:					0.0 ppb on Feb 1					Hours of Calibration:					35													
Monthly Average:					0.2 ppb					Operational Uptime:					100.0													
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
Feb 1	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb 2	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb 3	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb 4	0	S	0	0	0	0	0	0	0	0	1	1	1	1	2	3	3	2	1	0	0	0	0	0	0	0	3	0.7
Feb 5	S	0	0	0	0	0	0	1	1	3	4	S	S	4	3	2	2	2	2	1	1	1	S	0	5	1.8	0	
Feb 6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	1	0.1	0	
Feb 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0.0	0	
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0.0	0	
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0.0	0	
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0.0	0	
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0	0	
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	C	0	0	0	0	0	0	0.0	0	
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0.0	0	
Feb 14	0	0	0	0	0	1	2	2	2	2	1	1	1	1	S	1	1	0	0	0	0	0	0	0	2	0.7	0	
Feb 15	0	0	0	0	0	0	0	1	1	0	0	0	1	S	0	0	0	0	0	0	0	0	0	0	0	1	0.1	
Feb 16	0	0	0	0	1	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1	
Feb 17	0	0	0	0	0	0	0	0	0	1	1	S	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0.2	
Feb 18	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0	
Feb 19	1	1	0	0	0	0	0	0	0	S	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0.3	
Feb 20	1	0	0	0	0	0	0	0	S	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0.7	
Feb 21	1	1	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	
Feb 22	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 23	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 24	0	0	0	0	S	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.2	
Feb 25	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.1	
Feb 26	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 27	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 28	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0.0	
Diurnal Maximum	1	1	0	0	1	1	2	2	2	3	4	5	5	4	3	3	3	2	2	2	1	1	1	1	1	1	1	
Diurnal Average	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance					
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance					
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P	Power Failure					
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																												
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																												

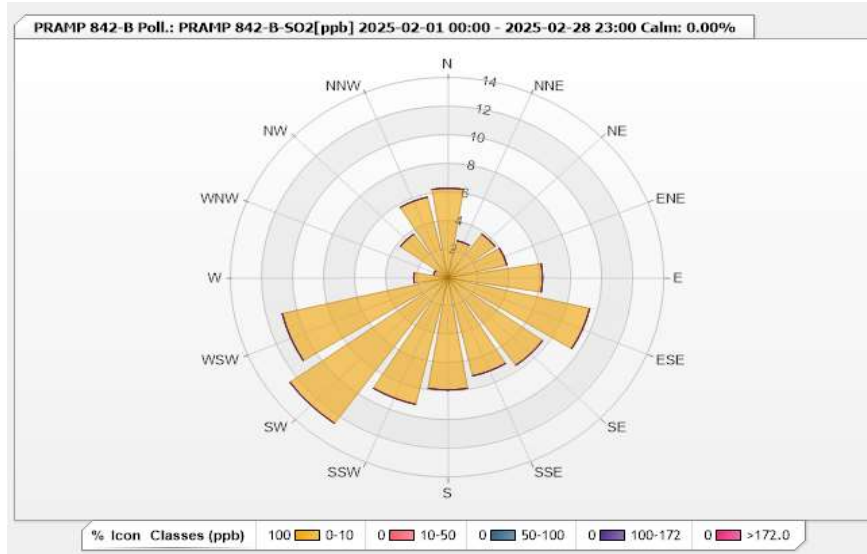


Station: PRAMP 842-B Poll.: PRAMP 842-B-SO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.79% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	6.28	0	0	0	0	6.28
NNE	2.67	0	0	0	0	2.67
NE	3.77	0	0	0	0	3.77
ENE	3.92	0	0	0	0	3.92
E	6.12	0	0	0	0	6.12
ESE	9.42	0	0	0	0	9.42
SE	7.54	0	0	0	0	7.54
SSE	7.06	0	0	0	0	7.06
S	7.85	0	0	0	0	7.85
SSW	9.11	0	0	0	0	9.11
SW	12.56	0	0	0	0	12.56
WSW	10.99	0	0	0	0	10.99
W	2.2	0	0	0	0	2.2
WNW	0.94	0	0	0	0	0.94
NW	3.77	0	0	0	0	3.77
NNW	5.81	0	0	0	0	5.81
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

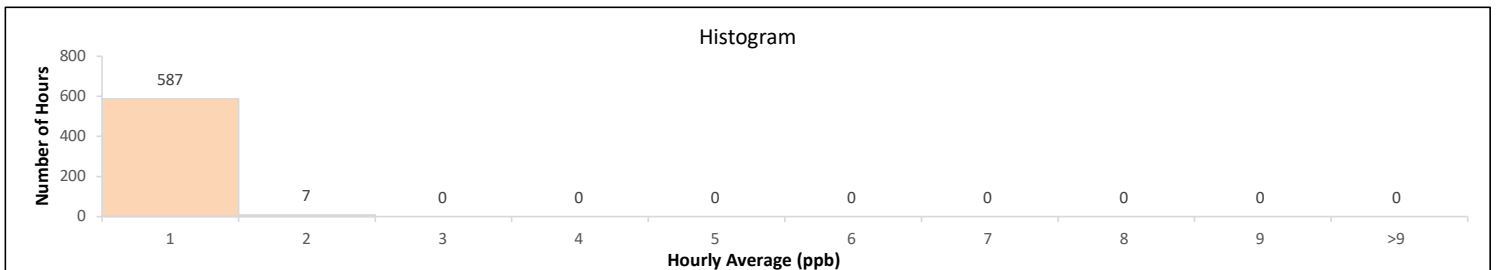
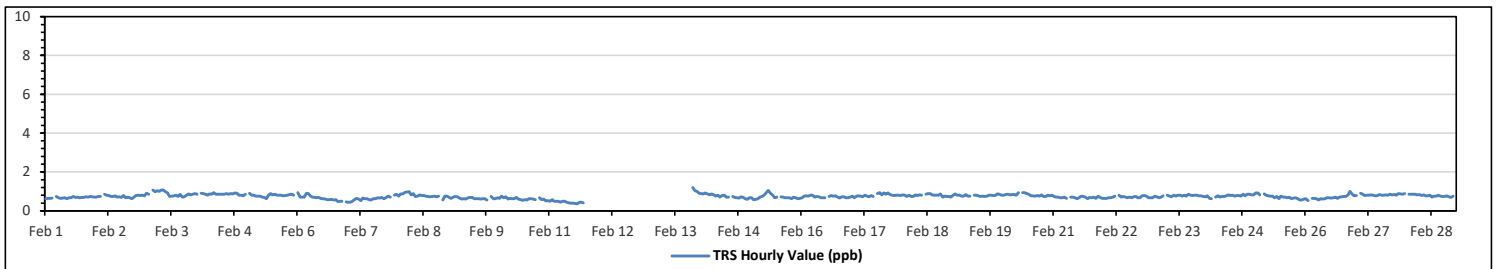
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1.19	ppb	on Feb 13 at hr 20	Hours in Service:	672
Maximum Daily Value:	0.88	ppb	on Feb 3	Hours of Data:	594
Minimum Hourly Value:	0.35	ppb	on Feb 11 at hr 13	Hours of Missing Data:	45
Minimum Daily Value:	0.61	ppb	on Feb 10	Hours of Calibration:	33
Monthly Average:	0.74	ppb		Operational Uptime:	93.3

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average					
Feb 1	0.63	0.64	0.64	0.65	\$	0.74	0.66	0.64	0.65	0.68	0.62	0.67	0.68	0.74	0.69	0.71	0.68	0.69	0.69	0.72	0.7	0.73	0.72	0.71	0.62	0.74	0.68					
Feb 2	0.71	0.74	0.73	\$	0.85	0.79	0.78	0.74	0.73	0.77	0.7	0.72	0.69	0.78	0.68	0.71	0.68	0.63	0.71	0.78	0.8	0.78	0.79	0.77	0.63	0.85	0.74					
Feb 3	0.9	0.86	\$	1.07	0.98	1.03	1	1.06	1.06	0.98	0.92	0.74	0.75	0.77	0.81	0.73	0.84	0.71	0.72	0.8	0.87	0.82	0.84	0.89	0.71	1.07	0.88					
Feb 4	0.84	\$	0.9	0.89	0.85	0.8	0.87	0.84	0.93	0.84	0.86	0.85	0.85	0.84	0.89	0.86	0.88	0.87	0.91	0.9	0.81	0.79	0.77	0.84	0.77	0.93	0.86					
Feb 5	\$	0.9	0.81	0.81	0.75	0.76	0.75	0.71	0.69	0.63	0.79	0.88	0.82	0.86	0.8	0.81	0.8	0.77	0.78	0.81	0.83	0.84	0.8	\$	0.63	0.90	0.79					
Feb 6	0.93	0.7	0.71	0.71	0.9	0.88	0.76	0.71	0.69	0.66	0.69	0.63	0.61	0.6	0.57	0.58	0.59	0.55	0.57	0.47	0.48	0.49	\$	0.46	0.46	0.93	0.65					
Feb 7	0.43	0.44	0.48	0.57	0.64	0.6	0.52	0.65	0.62	0.62	0.57	0.55	0.62	0.62	0.67	0.65	0.69	0.63	0.68	0.76	0.71	\$	0.81	0.84	0.43	0.84	0.62					
Feb 8	0.76	0.87	0.87	0.95	0.96	0.98	0.82	0.89	0.74	0.75	0.82	0.78	0.78	0.76	0.74	0.72	0.73	0.75	0.72	0.75	\$	0.56	0.76	0.75	0.56	0.98	0.79					
Feb 9	0.69	0.64	0.7	0.73	0.72	0.65	0.6	0.63	0.6	0.68	0.69	0.69	0.62	0.62	0.63	0.6	0.61	0.63	0.55	\$	0.73	0.62	0.63	0.67	0.55	0.73	0.65					
Feb 10	0.64	0.75	0.67	0.72	0.6	0.64	0.63	0.62	0.69	0.6	0.58	0.53	0.58	0.55	0.62	0.61	0.6	0.57	\$	0.67	0.57	0.6	0.51	0.52	0.51	0.75	0.61					
Feb 11	0.49	0.57	0.5	0.5	0.48	0.45	0.48	0.5	0.44	0.41	0.39	0.4	0.37	0.35	0.44	0.44	0.41	\$	X	X	X	X	X	X	0.35	0.57	NA					
Feb 12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	-	-	-					
Feb 13	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	C	C	C	C	C	C	1.19	1.03	1	0.9	0.90	1.19	NA				
Feb 14	0.89	0.87	0.91	0.87	0.82	0.87	0.82	0.76	0.8	0.7	0.78	0.8	0.71	0.7	\$	0.74	0.69	0.68	0.65	0.72	0.69	0.63	0.59	0.66	0.59	0.91	0.75					
Feb 15	0.68	0.58	0.59	0.61	0.7	0.74	0.8	0.94	1.05	0.9	0.81	0.68	0.71	\$	0.72	0.7	0.68	0.68	0.68	0.63	0.71	0.68	0.62	0.64	0.58	1.05	0.72					
Feb 16	0.66	0.76	0.77	0.76	0.8	0.8	0.7	0.74	0.72	0.67	0.68	0.68	\$	0.73	0.78	0.75	0.77	0.71	0.65	0.72	0.72	0.68	0.67	0.71	0.65	0.80	0.72					
Feb 17	0.75	0.67	0.76	0.77	0.75	0.72	0.79	0.76	0.72	0.78	0.74	\$	0.88	0.93	0.82	0.91	0.86	0.91	0.83	0.79	0.78	0.8	0.81	0.78	0.67	0.93	0.80					
Feb 18	0.82	0.79	0.73	0.79	0.74	0.74	0.82	0.78	0.82	0.79	\$	0.84	0.88	0.88	0.82	0.79	0.79	0.8	0.87	0.71	0.76	0.74	0.74	0.71	0.71	0.88	0.79					
Feb 19	0.8	0.87	0.81	0.8	0.76	0.75	0.83	0.76	0.76	0.76	\$	0.81	0.79	0.77	0.73	0.76	0.73	0.76	0.8	0.8	0.78	0.78	0.87	0.85	0.81	0.73	0.87	0.79				
Feb 20	0.8	0.83	0.84	0.82	0.83	0.83	0.8	0.93	\$	0.93	0.93	0.88	0.84	0.77	0.77	0.75	0.78	0.75	0.82	0.74	0.73	0.79	0.77	0.8	0.73	0.93	0.81					
Feb 21	0.73	0.71	0.7	0.68	0.66	0.7	0.64	\$	0.7	0.7	0.67	0.61	0.67	0.75	0.74	0.71	0.61	0.69	0.67	0.71	0.64	0.75	0.69	0.64	0.61	0.75	0.69					
Feb 22	0.64	0.64	0.67	0.67	0.71	0.75	\$	0.81	0.71	0.73	0.7	0.68	0.7	0.66	0.72	0.73	0.67	0.68	0.77	0.78	0.75	0.68	0.68	0.67	0.64	0.81	0.70					
Feb 23	0.75	0.72	0.68	0.71	0.77	\$	0.8	0.75	0.72	0.79	0.75	0.79	0.79	0.75	0.79	0.75	0.84	0.79	0.78	0.79	0.79	0.77	0.77	0.74	0.68	0.84	0.76					
Feb 24	0.72	0.77	0.64	0.63	\$	0.71	0.77	0.7	0.73	0.73	0.77	0.82	0.78	0.79	0.76	0.78	0.78	0.76	0.84	0.77	0.86	0.85	0.82	0.82	0.63	0.86	0.77					
Feb 25	0.91	0.91	0.82	\$	0.87	0.79	0.77	0.76	0.76	0.68	0.73	0.62	0.75	0.71	0.71	0.66	0.7	0.63	0.65	0.66	0.63	0.55	0.56	0.6	0.55	0.91	0.71					
Feb 26	0.61	0.52	\$	0.64	0.64	0.61	0.55	0.63	0.6	0.62	0.66	0.66	0.65	0.66	0.7	0.64	0.71	0.72	0.73	0.73	0.82	1	0.84	0.77	0.52	1.00	0.68					
Feb 27	0.78	\$	0.9	0.85	0.78	0.8	0.8	0.82	0.79	0.77	0.78	0.83	0.8	0.8	0.82	0.8	0.85	0.82	0.83	0.79	0.88	0.87	0.84	0.89	0.77	0.90	0.82					
Feb 28	\$	0.86	0.84	0.85	0.85	0.82	0.83	0.78	0.82	0.77	0.77	0.79	0.7	0.76	0.75	0.81	0.76	0.73	0.73	0.77	0.72	0.69	0.75	\$	0.69	0.86	0.78					
Diurnal Maximum	0.93	0.91	0.91	1.07	0.98	1.03	1.00	1.06	1.06	0.98	0.93	0.88	0.88	0.93	0.89	0.91	0.88	0.91	0.91	0.90	1.19	1.03	1.00	0.90								
Diurnal Average	0.73	0.73	0.74	0.75	0.77	0.76	0.74	0.76	0.74	0.73	0.73	0.72	0.72	0.72	0.73	0.72	0.72	0.72	0.73	0.74	0.76	0.74	0.75	0.73								
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance									
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance									
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P	Power Failure									

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of 30-Minute Averages

TOTAL REDUCED SULPHUR (TRS) in ppb

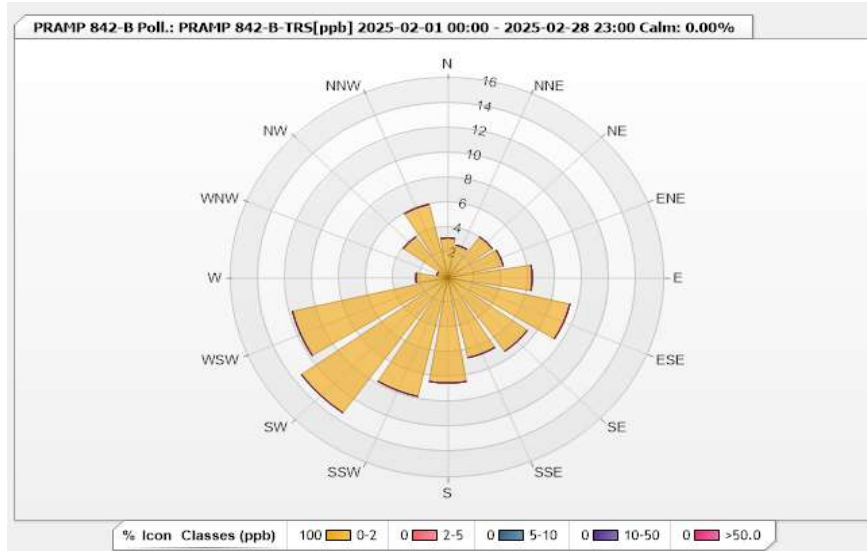
Alberta Ambient Air Quality Guideline (AAAQG) for TRS: 30-minute 5 ppb																																
Number of 30-Minute Exceedances: 0																																
Maximum 30-Minute Value: 1.19 ppb on Feb 13 at 20:00															# of Instrument in Service: 1344					# of Valid Measurements: 1189												
Maximum Daily Value: 1.04 ppb on Feb 13															# of Missing Measurements: 90																	
Minimum 30-Minute Value: 0.00 ppb on Feb 29 at 13:00															# of Calibration: 65																	
Minimum Daily Value: 0.00 ppb on Feb 29															Operational Uptime: 93.3																	
Monthly Average: 0.74 ppb																																
Day	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Diurnal Maximum	Diurnal Average		
30-Minute Period Starting at (MST)	00:00	0.59	0.72	0.89	0.83	S	1	0.39	0.78	0.7	0.63	0.5	X	NRM	0.88	0.73	0.63	0.74	0.86	0.78	0.8	0.75	0.66	0.73	0.74	0.86	0.61	0.79	S	1.00	0.73	
	00:30	0.67	0.7	0.9	0.85	S	0.86	0.48	0.74	0.67	0.65	0.49	X	NRM	0.9	0.63	0.69	0.76	0.77	0.82	0.81	0.7	0.62	0.76	0.7	0.95	0.6	0.77	S	0.95	0.73	
	01:00	0.62	0.75	0.83	S	0.98	0.74	0.43	0.78	0.68	0.74	0.59	X	NRM	0.87	0.61	0.75	0.68	0.84	0.88	0.8	0.68	0.68	0.74	0.83	0.9	0.5	S	0.84	0.98	0.74	
	01:30	0.66	0.72	0.89	S	0.83	0.66	0.45	0.97	0.61	0.75	0.54	X	NRM	0.87	0.55	0.77	0.67	0.75	0.87	0.86	0.74	0.6	0.7	0.71	0.92	0.53	S	0.88	0.97	0.73	
	02:00	0.64	0.7	S	0.94	0.8	0.73	0.45	0.91	0.64	0.7	0.49	X	NRM	0.88	0.59	0.77	0.76	0.71	0.79	0.86	0.7	0.69	0.71	0.64	0.8	S	0.9	0.86	0.94	0.74	
	02:30	0.64	0.75	S	0.85	0.83	0.7	0.52	0.84	0.75	0.64	0.51	X	NRM	0.93	0.6	0.76	0.75	0.75	0.84	0.82	0.7	0.65	0.65	0.64	0.83	S	0.89	0.82	0.93	0.74	
	03:00	0.65	S	1.09	0.9	0.84	0.71	0.59	0.88	0.73	0.72	0.52	X	NRM	0.81	0.62	0.79	0.76	0.76	0.76	0.79	0.67	0.66	0.71	0.65	S	0.65	0.9	0.9	1.09	0.75	
	03:30	0.66	S	1.04	0.88	0.78	0.71	0.55	1.02	0.74	0.71	0.48	X	NRM	0.93	0.61	0.72	0.77	0.82	0.83	0.86	0.69	0.69	0.7	0.62	S	0.64	0.81	0.79	1.04	0.75	
	04:00	S	0.9	0.96	0.92	0.76	0.88	0.65	0.96	0.76	0.64	0.48	X	NRM	0.8	0.64	0.79	0.74	0.78	0.77	0.85	0.65	0.69	0.79	S	0.87	0.71	0.82	0.88	0.96	0.78	
	04:30	S	0.8	1	0.77	0.75	0.93	0.63	0.96	0.67	0.57	0.47	X	NRM	0.84	0.75	0.81	0.77	0.71	0.76	0.81	0.68	0.73	0.75	S	0.86	0.57	0.75	0.83	1.00	0.76	
	05:00	0.81	0.77	1.07	0.78	0.76	0.94	0.59	1.08	0.72	0.64	0.42	X	NRM	0.87	0.66	0.81	0.73	0.75	0.75	0.85	0.63	0.72	S	0.77	0.8	0.6	0.8	0.86	1.08	0.77	
	05:30	0.66	0.81	1	0.82	0.75	0.82	0.61	0.88	0.59	0.63	0.48	X	NRM	0.88	0.83	0.79	0.71	0.72	0.76	0.81	0.78	0.78	S	0.66	0.78	0.61	0.8	0.79	1.00	0.75	
	06:00	0.67	0.84	0.95	0.87	0.79	0.8	0.5	0.92	0.59	0.61	0.49	X	NRM	0.84	0.82	0.66	0.8	0.81	0.87	0.82	0.64	S	0.85	0.75	0.79	0.54	0.81	0.8	0.95	0.75	
	06:30	0.66	0.72	1.05	0.86	0.71	0.72	0.53	0.72	0.61	0.64	0.47	X	NRM	0.8	0.78	0.73	0.77	0.83	0.79	0.78	0.63	S	0.76	0.79	0.75	0.56	0.79	0.86	1.05	0.73	
	07:00	0.63	0.74	1.06	0.85	0.72	0.76	0.64	0.92	0.63	0.66	0.52	X	NRM	0.73	0.93	0.72	0.76	0.77	0.73	0.94	S	0.8	0.73	0.73	0.8	0.68	0.8	0.75	1.06	0.76	
	07:30	0.66	0.75	1.07	0.82	0.69	0.66	0.67	0.86	0.63	0.58	0.48	X	NRM	0.79	0.96	0.75	0.75	0.78	0.79	0.91	S	0.82	0.77	0.67	0.73	0.59	0.84	0.81	1.07	0.75	
	08:00	0.64	0.77	1.03	0.95	0.72	0.66	0.66	0.71	0.6	0.65	0.49	X	NRM	0.78	1.06	0.7	0.72	0.78	0.79	S	0.71	0.71	0.71	0.73	0.76	0.58	0.78	0.76	1.06	0.74	
	08:30	0.67	0.68	1.08	0.92	0.66	0.71	0.59	0.77	0.6	0.72	0.39	X	NRM	0.81	1.04	0.75	0.72	0.85	0.73	S	0.68	0.71	0.73	0.74	0.77	0.61	0.8	0.89	1.08	0.74	
	09:00	0.68	0.76	0.95	0.79	0.63	0.7	0.61	0.77	0.69	0.61	0.4	X	NRM	0.72	0.89	0.71	0.78	0.78	S	0.99	0.7	0.72	0.81	0.72	0.69	0.6	0.73	0.76	0.99	0.73	
	09:30	0.67	0.77	1.01	0.89	0.62	0.63	0.62	0.74	0.66	0.59	0.42	X	NRM	0.68	0.92	0.64	0.78	0.8	S	0.88	0.69	0.73	0.77	0.74	0.67	0.63	0.81	0.77	1.01	0.73	
	10:00	0.57	0.71	0.95	0.89	0.72	0.69	0.57	0.8	0.71	0.63	0.38	X	NRM	0.79	0.91	0.68	0.8	S	0.88	0.69	0.68	0.76	0.77	0.77	0.7	0.78	0.75	0.98	0.74	0.75	
	10:30	0.66	0.69	0.9	0.82	0.86	0.69	0.56	0.85	0.68	0.54	0.39	X	NRM	0.76	0.7	0.68	0.69	S	0.82	0.88	0.66	0.71	0.74	0.76	0.7	0.61	0.79	0.78	0.90	0.72	
	11:00	0.68	0.7	0.72	0.84	0.89	0.63	0.57	0.75	0.69	0.54	0.37	X	NRM	0.79	0.67	0.6	S	0.88	0.77	0.94	0.62	0.69	0.78	0.81	0.64	0.64	0.84	0.75	0.94	0.71	
	11:30	0.66	0.73	0.77	0.85	0.87	0.64	0.54	0.8	0.69	0.53	0.43	X	NRM	0.81	0.7	0.75	S	0.8	0.81	0.82	0.6	0.66	0.79	0.84	0.61	0.68	0.82	0.83	0.87	0.72	
	12:00	0.68	0.68	0.72	0.81	0.82	0.63	0.6	0.79	0.63	0.6	0.35	X	NRM	0.71	0.67	S	0.89	0.84	0.83	0.89	0.67	0.67	0.82	0.79	0.76	0.69	0.85	0.69	0.89	0.72	
	12:30	0.69	0.7	0.78	0.89	0.83	0.59	0.64	0.78	0.62	0.57	0.4	X	NRM	0.67	0.74	S	0.88	0.91	0.72	0.79	0.66	0.73	0.76	0.77	0.74	0.61	0.76	0.7	0.91	0.72	
	13:00	0.74	0.82	0.75	0.83	0.84	0.61	0.67	0.77	0.6	0.58	0.34	X	NRM	0.67	S	S	0.75	0.95	0.9	0.7	0.79	0.76	0.69	0.77	0.77	0.67	0.66	0.83	0.73	0.95	0.73
	13:30	0.74	0.74	0.79	0.85	0.87	0.59	0.57	0.76	0.64	0.53	0.36	X	NRM	0.73	S	0.7	0.91	0.86	0.77	0.75	0.74	0.62	0.74	0.79	0.75	0.66	0.77	0.78	0.91	0.72	
14:00	0.69	0.67	0.8	0.93	0.83	0.6	0.62	0.78	0.63	0.59	0.44	NRM	NRM	S	0.76	0.84	0.88	0.79	0.72	0.77	0.74	0.66	0.82	0.79	0.71	0.7	0.79	0.73	0.93	0.73		
14:30	0.69	0.7	0.82	0.85	0.76	0.54	0.72	0.71	0.63	0.65	0.43	NRM	NRM	S	0.68	0.72	0.76	0.85	0.79	0.77	0.74	0.78	0.76	0.73	0.7	0.7	0.84	0.78	0.85	0.72		
15:00	0.72	0.68	0.71	0.87	0.84	0.59	0.67	0.7	0.66	0.66	0.47	NRM	C	0.85	0.67	0.73	0.96	0.82	0.74	0.74	0.7	0.74	0.81	0.75	0.68	0.64	0.79	0.81	0.96	0.73		
15:30	0.7	0.74	0.76	0.86	0.77	0.57	0.62	0.74	0.53	0.55	0.42	NRM	C	0.63	0.73	0.77	0.85	0.75	0.73	0.76	0.72	0.72	0.7	0.82	0.65	0.64	0.8	0.82	0.86	0.71		
16:00	0.65	0.73	0.86	0.91	0.86	0.53	0.66	0.73	0.6	0.64	0.41	NRM	C	0.72	0.69	0.78	0.86	0.76	0.72	0.75	0.61	0.66	0.86	0.8	0.7	0.75	0.88	0.79	0.91	0.73		
16:30	0.71	0.63	0.81	0.85	0.74	0.64	0.72	0.73	0.62	0.57	0.41	NRM	C	0.65	0.67	0.76	0.87	0.82	0.79	0.81	0.61	0.69	0.82	0.76	0.7	0.67	0.83	0.73	0.87	0.72		
17:00	0.69	0.64	0.63	0.89	0.79	0.56	0.67	0.76	0.6	0.54	S	NRM	C	0.73	0.62	0.66	0.92	0.81	0.83	0.73	0.7	0.68	0.77	0.75	0.66	0.76	0.81	0.74	0.92	0.72		
17:30	0.69	0.62	0.78	0.84	0.74	0.53	0.6	0.74	0.65	0.6	S	NRM	C	0.63	0.74	0.75	0.9	0.79	0.78	0.77	0.69	0.69	0.81	0.77	0.61	0.67	0.83	0.73	0.90	0.72		
18:00	0.67	0.67	0.69	0.91	0.81	0.55	0.7	0.78	0.57	0.66	S	X	NRM	C	0.63	0.7	0.63	0.81	0.91	0.81	0.81	0.68	0.76	0.73	0.81	0.7	0.73	0.83	0.71	0.91	0.73	
18:30	0.71	0.75	0.76	0.91	0.76	0.59	0.66	0.66	0.53	S	X	NRM	C	0.67	0.66	0.67	0.84	0.83	0.8	0.83	0.66	0.79	0.83	0.87	0.6	0.74	0.84	0.75	0.91	0.74		
19:00	0.75	0.8	0.78	0.89	0.79	0.53	0.73	0.76	S	0.72	X	NRM	C	0.75	0.63	0.7	0.85	0.68	0.81	0.73	0.7	0.83	0.81	0.82	0.66	0.74	0.78	0.81	1.14	0.75		
19:30	0.69	0.76	0.83	0.92	0.83	0.41	0.79	0.73	S	0.62	X	NRM	C	0.68	0.64	0.74	0.74	0.76	0.75	0.72	0.73	0.77	0.72	0.66	0.71	0.78	0.81	1.14	0.75			
20:00	0.74	0.78	0.63	0.86	0.8	0.55	0.7	S	0.8	0.64	X	NRM	C	1.19	0.72	0.69	0.7	0.77	0.76	0.74	0.66	0.79	0.8	0.83	0.64	0.79	0.8	0.91	0.73	1.19	0.75	
20:30	0.66	0.81	0.9	0.77	0.87	0.41	0.71	S	0.67	0.5	X	NRM	C	1.19	0.66	0.73	0.75	0.83	0.75	0.79	0.72	0.63	0.71	0.77	0.88	0.63	0.85	0.92	0.71	1.19	0.75	
21:00	0.69	0.82	0.85	0.8	0.85	0.51	S	0.48	0.68	0.63	X	NRM	C	1.05	0.6	0.65	0.73	0.8	0.74	0.87	0.75	0.78	0.74	0.78	0.82	0.59	0.98	0.85	0.7	1.05	0.75	
21:30	0.78	0.75	0.79	0.78	0.83	0.47	S	0.63	0.57	0.57	X	NRM	C	1	0.67	0.72	0.62	0.79	0.74	0.86												

Station: PRAMP 842-B Poll.: PRAMP 842-B-TRS[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 88.39% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	3.2	0	0	0	0	3.2
NNE	2.69	0	0	0	0	2.69
NE	4.04	0	0	0	0	4.04
ENE	4.21	0	0	0	0	4.21
E	6.23	0	0	0	0	6.23
ESE	9.26	0	0	0	0	9.26
SE	7.24	0	0	0	0	7.24
SSE	6.57	0	0	0	0	6.57
S	8.42	0	0	0	0	8.42
SSW	9.76	0	0	0	0	9.76
SW	13.3	0	0	0	0	13.3
WSW	11.78	0	0	0	0	11.78
W	2.36	0	0	0	0	2.36
WNW	0.84	0	0	0	0	0.84
NW	4.04	0	0	0	0	4.04
NNW	6.06	0	0	0	0	6.06
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

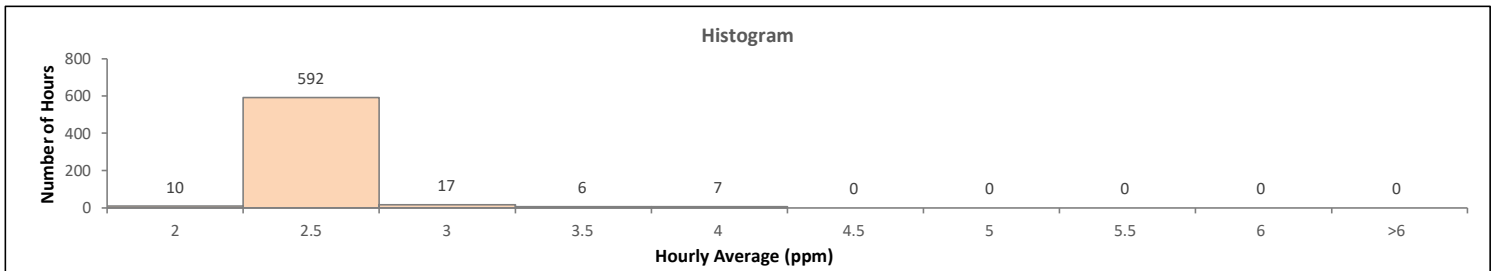
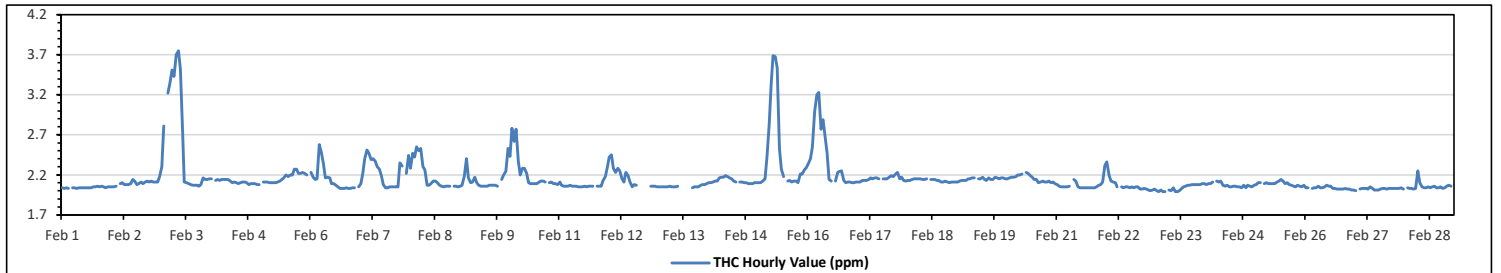
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	3.75	ppm	on Feb 3 at hr 8	Hours in Service:	672
Maximum Daily Value:	2.59	ppm	on Feb 3	Hours of Data:	632
Minimum Hourly Value:	1.99	ppm	on Feb 23 at hr 1	Hours of Missing Data:	6
Minimum Daily Value:	2.03	ppm	on Feb 27	Hours of Calibration:	34
Monthly Average:	2.15	ppm		Operational Uptime:	99.1

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	2.04	2.03	2.04	2.03	\$	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.05	2.06	2.05	2.04	2.05	2.05	2.03	2.06	2.04	
Feb 2	2.05	2.05	2.06	\$	2.09	2.10	2.08	2.08	2.08	2.09	2.14	2.12	2.08	2.09	2.11	2.09	2.11	2.12	2.11	2.12	2.11	2.11	2.11	2.18	2.05	2.18	2.10
Feb 3	2.30	2.81	\$	3.22	3.34	3.51	3.43	3.70	3.75	3.52	2.73	2.11	2.10	2.09	2.08	2.07	2.07	2.07	2.06	2.08	2.16	2.14	2.14	2.15	2.06	3.75	2.59
Feb 4	2.15	\$	2.13	2.14	2.13	2.14	2.14	2.14	2.14	2.12	2.10	2.11	2.10	2.09	2.10	2.11	2.11	2.10	2.08	2.09	2.09	2.09	2.08	2.08	2.08	2.15	2.11
Feb 5	\$	2.11	2.11	2.11	2.10	2.10	2.10	2.10	2.11	2.12	2.14	2.16	2.20	2.18	2.20	2.20	2.27	2.27	2.22	2.22	2.23	2.22	2.20	\$	2.10	2.27	2.17
Feb 6	2.23	2.17	2.14	2.15	2.58	2.49	2.34	2.16	2.17	2.16	2.09	2.09	2.07	2.05	2.03	2.03	2.03	2.04	2.03	2.03	2.04	2.04	\$	2.05	2.03	2.58	2.14
Feb 7	2.09	2.22	2.40	2.51	2.47	2.39	2.40	2.37	2.30	2.27	2.19	2.08	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.35	2.31	\$	2.22	2.44	2.04	2.51	2.23
Feb 8	2.28	2.47	2.42	2.55	2.50	2.53	2.30	2.26	2.07	2.07	2.09	2.12	2.12	2.10	2.07	2.06	2.05	2.06	2.06	2.06	\$	2.06	2.06	\$	2.06	2.05	2.19
Feb 9	2.06	2.07	2.18	2.40	2.16	2.10	2.11	2.17	2.10	2.07	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.06	\$	2.14	2.20	2.24	2.53	2.06	2.53	2.14
Feb 10	2.43	2.78	2.62	2.77	2.37	2.20	2.28	2.28	2.22	2.10	2.09	2.09	2.09	2.09	2.11	2.12	2.12	2.11	\$	2.10	2.11	2.09	2.09	2.08	2.08	2.78	2.23
Feb 11	2.11	2.07	2.06	2.06	2.06	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.06	2.05	2.06	2.06	2.06	\$	2.06	2.06	2.06	2.13	2.18	2.31	2.05	2.31	2.08
Feb 12	2.42	2.45	2.28	2.23	2.28	2.25	2.15	2.11	2.23	2.19	2.11	2.05	2.08	2.07	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2.06	2.06	2.06	2.05	2.45	2.17
Feb 13	2.05	2.05	2.05	2.05	2.05	2.06	2.05	2.05	2.05	2.06	C	C	C	C	C	\$	2.04	2.05	2.05	2.05	2.07	2.08	2.08	2.09	2.04	2.09	2.06
Feb 14	2.10	2.10	2.11	2.12	2.12	2.16	2.17	2.17	2.19	2.18	2.16	2.15	2.12	2.11	\$	2.11	2.11	2.10	2.10	2.09	2.09	2.09	2.10	2.10	2.09	2.19	2.12
Feb 15	2.10	2.10	2.12	2.15	2.42	2.83	3.32	3.69	3.68	3.54	2.53	2.27	2.18	\$	2.12	2.13	2.11	2.12	2.12	2.10	2.21	2.21	2.26	2.29	2.10	3.69	2.46
Feb 16	2.34	2.40	2.55	2.99	3.20	3.23	2.77	2.89	2.70	2.47	2.14	2.12	\$	2.12	2.23	2.24	2.25	2.13	2.10	2.11	2.11	2.10	2.10	2.11	2.10	3.23	2.41
Feb 17	2.11	2.11	2.13	2.13	2.13	2.14	2.16	2.15	2.16	2.16	2.15	\$	2.15	2.15	2.15	2.17	2.19	2.18	2.21	2.23	2.15	2.17	2.13	2.12	2.11	2.23	2.15
Feb 18	2.13	2.13	2.14	2.15	2.15	2.15	2.15	2.14	2.14	2.15	\$	2.14	2.14	2.14	2.13	2.13	2.11	2.11	2.12	2.11	2.10	2.11	2.11	2.11	2.10	2.15	2.13
Feb 19	2.11	2.12	2.13	2.13	2.13	2.15	2.15	2.16	2.16	\$	2.15	2.15	2.17	2.14	2.13	2.16	2.14	2.14	2.17	2.16	2.15	2.16	2.16	2.15	2.11	2.17	2.15
Feb 20	2.15	2.16	2.17	2.17	2.18	2.20	2.20	2.21	\$	2.23	2.22	2.19	2.17	2.14	2.14	2.10	2.11	2.12	2.11	2.11	2.12	2.10	2.11	2.09	2.09	2.23	2.15
Feb 21	2.08	2.06	2.05	2.05	2.05	2.05	2.06	\$	2.14	2.12	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.08	2.11	2.32	2.04	2.32	2.07
Feb 22	2.36	2.20	2.12	2.11	2.10	2.05	\$	2.05	2.04	2.05	2.05	2.04	2.05	2.04	2.05	2.05	2.02	2.02	2.03	2.02	2.01	2.00	2.01	2.02	2.00	2.36	2.06
Feb 23	2.00	1.99	2.01	1.99	1.99	\$	2.01	2.00	2.04	1.99	1.99	2.00	2.03	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.09	1.99	2.09	2.04
Feb 24	2.08	2.09	2.09	2.11	\$	2.12	2.11	2.12	2.07	2.06	2.07	2.05	2.05	2.06	2.06	2.05	2.05	2.04	2.07	2.04	2.07	2.06	2.05	2.07	2.04	2.12	2.07
Feb 25	2.08	2.10	2.10	\$	2.09	2.10	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.12	2.09	2.10	2.08	2.07	2.06	2.05	2.07	2.06	2.05	2.07	2.05	2.14	2.09
Feb 26	2.04	2.04	\$	2.03	2.04	2.04	2.06	2.04	2.04	2.05	2.07	2.06	2.06	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.02	2.02	2.01	2.01	2.01	2.07	2.03
Feb 27	2.00	\$	2.02	2.03	2.03	2.03	2.02	2.05	2.03	2.01	2.01	2.01	2.02	2.03	2.03	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.02	2.00	2.05	2.03
Feb 28	\$	2.04	2.03	2.03	2.02	2.03	2.25	2.10	2.05	2.04	2.04	2.05	2.04	2.05	2.06	2.04	2.04	2.05	2.03	2.04	2.06	2.07	2.06	\$	2.02	2.25	2.06
Diurnal Maximum	2.43	2.81	2.62	3.22	3.34	3.51	3.43	3.70	3.75	3.54	2.73	2.27	2.20	2.18	2.23	2.24	2.27	2.27	2.22	2.35	2.31	2.22	2.26	2.53			
Diurnal Average	2.15	2.19	2.16	2.25	2.26	2.27	2.26	2.27	2.25	2.22	2.14	2.10	2.09	2.08	2.09	2.09	2.09	2.09	2.08	2.10	2.10	2.10	2.11	2.14			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

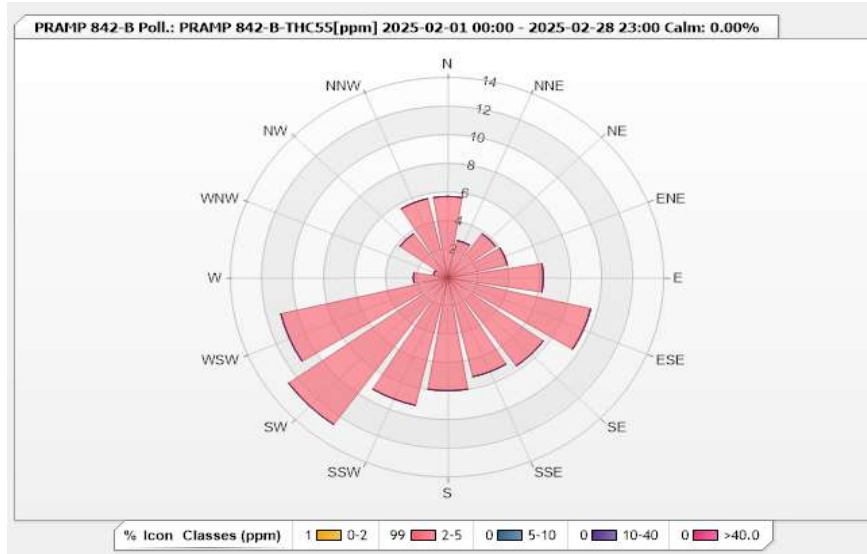


Station: PRAMP 842-B Poll.: PRAMP 842-B-THC55[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.05% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0	5.7	0	0	0	5.7
NNE	0	2.69	0	0	0	2.69
NE	0	3.8	0	0	0	3.8
ENE	0	3.96	0	0	0	3.96
E	0	6.17	0	0	0	6.17
ESE	0	9.49	0	0	0	9.49
SE	0	7.59	0	0	0	7.59
SSE	0	7.12	0	0	0	7.12
S	0.32	7.59	0	0	0	7.91
SSW	0.16	9.02	0	0	0	9.18
SW	0.32	12.34	0	0	0	12.66
WSW	0.32	10.76	0	0	0	11.08
W	0	2.22	0	0	0	2.22
WNW	0	0.95	0	0	0	0.95
NW	0	3.8	0	0	0	3.8
NNW	0	5.7	0	0	0	5.7
Summary	1.12	98.9	0	0	0	100



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

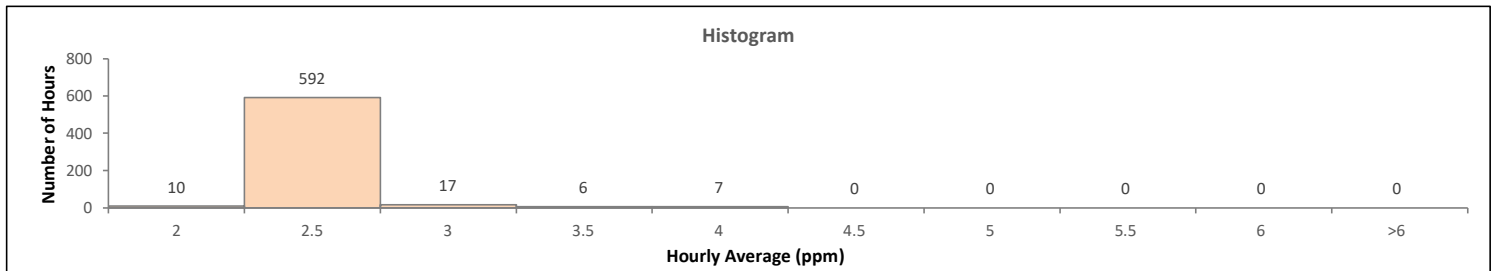
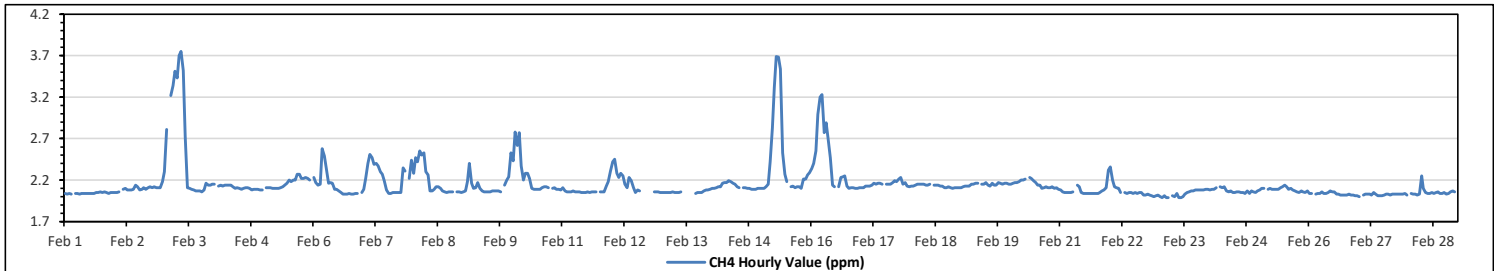
METHANE (CH4) in ppm

Maximum Hourly Value:	3.75	ppm	on Feb 3 at hr 8	Hours in Service:	672
Maximum Daily Value:	2.59	ppm	on Feb 3	Hours of Data:	632
Minimum Hourly Value:	1.99	ppm	on Feb 23 at hr 1	Hours of Missing Data:	6
Minimum Daily Value:	2.03	ppm	on Feb 27	Hours of Calibration:	34
Monthly Average:	2.15	ppm		Operational Uptime:	99.1

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	2.04	2.03	2.04	2.03	\$	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.05	2.06	2.05	2.04	2.05	2.05	2.03	2.06	2.04	
Feb 2	2.05	2.05	2.06	\$	2.09	2.10	2.08	2.08	2.08	2.09	2.14	2.12	2.08	2.09	2.11	2.09	2.11	2.12	2.11	2.12	2.11	2.11	2.11	2.18	2.05	2.18	2.10
Feb 3	2.30	2.81	\$	3.22	3.34	3.51	3.43	3.70	3.75	3.52	2.73	2.11	2.10	2.09	2.08	2.07	2.07	2.07	2.06	2.08	2.16	2.14	2.14	2.15	2.06	3.75	2.59
Feb 4	2.15	\$	2.13	2.14	2.13	2.14	2.14	2.14	2.14	2.12	2.10	2.11	2.10	2.09	2.10	2.11	2.11	2.10	2.08	2.09	2.09	2.09	2.08	2.08	2.08	2.15	2.11
Feb 5	\$	2.11	2.11	2.11	2.10	2.10	2.10	2.10	2.11	2.12	2.14	2.16	2.20	2.18	2.20	2.20	2.27	2.27	2.22	2.22	2.23	2.22	2.20	\$	2.10	2.27	2.17
Feb 6	2.23	2.17	2.14	2.15	2.58	2.49	2.34	2.16	2.17	2.16	2.09	2.09	2.07	2.05	2.03	2.03	2.03	2.04	2.03	2.03	2.04	2.04	\$	2.05	2.03	2.58	2.14
Feb 7	2.09	2.22	2.40	2.51	2.47	2.39	2.40	2.37	2.30	2.27	2.19	2.08	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.35	2.31	\$	2.22	2.44	2.04	2.51	2.23
Feb 8	2.28	2.47	2.42	2.55	2.50	2.53	2.30	2.26	2.07	2.07	2.09	2.12	2.12	2.10	2.07	2.06	2.05	2.06	2.06	2.06	\$	2.06	2.06	\$	2.06	2.05	2.19
Feb 9	2.06	2.07	2.18	2.40	2.16	2.10	2.11	2.17	2.10	2.07	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.06	\$	2.14	2.20	2.24	2.53	2.06	2.53	2.14
Feb 10	2.43	2.78	2.62	2.77	2.37	2.20	2.28	2.28	2.22	2.10	2.09	2.09	2.09	2.09	2.11	2.12	2.12	2.11	\$	2.10	2.11	2.09	2.09	2.08	2.08	2.78	2.23
Feb 11	2.11	2.07	2.06	2.06	2.06	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.06	2.05	2.06	2.06	2.06	\$	2.06	2.06	2.06	2.13	2.18	2.31	2.05	2.31	2.08
Feb 12	2.42	2.45	2.28	2.23	2.28	2.25	2.15	2.11	2.23	2.19	2.11	2.05	2.08	2.07	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2.06	2.06	2.06	2.05	2.45	2.17
Feb 13	2.05	2.05	2.05	2.05	2.05	2.06	2.05	2.05	2.05	2.06	C	C	C	C	C	\$	2.04	2.05	2.05	2.05	2.07	2.08	2.08	2.09	2.04	2.09	2.06
Feb 14	2.10	2.10	2.11	2.12	2.12	2.16	2.17	2.17	2.19	2.18	2.16	2.15	2.12	2.11	\$	2.11	2.11	2.10	2.10	2.09	2.09	2.09	2.10	2.10	2.09	2.19	2.12
Feb 15	2.10	2.10	2.12	2.15	2.42	2.83	3.32	3.69	3.68	3.54	2.53	2.27	2.18	\$	2.12	2.13	2.11	2.12	2.12	2.10	2.21	2.21	2.26	2.29	2.10	3.69	2.46
Feb 16	2.34	2.40	2.55	2.99	3.20	3.23	2.77	2.89	2.70	2.47	2.14	2.12	\$	2.12	2.23	2.24	2.25	2.13	2.10	2.11	2.11	2.10	2.10	2.11	2.10	3.23	2.41
Feb 17	2.11	2.11	2.13	2.13	2.13	2.14	2.16	2.15	2.16	2.16	2.15	\$	2.15	2.15	2.15	2.17	2.19	2.18	2.21	2.23	2.15	2.17	2.13	2.12	2.11	2.23	2.15
Feb 18	2.13	2.13	2.14	2.15	2.15	2.15	2.15	2.14	2.14	2.15	\$	2.14	2.14	2.14	2.13	2.13	2.11	2.11	2.12	2.11	2.10	2.11	2.11	2.11	2.10	2.15	2.13
Feb 19	2.11	2.12	2.13	2.13	2.13	2.15	2.15	2.16	2.16	\$	2.15	2.15	2.17	2.14	2.13	2.16	2.14	2.14	2.17	2.16	2.15	2.16	2.16	2.15	2.11	2.17	2.15
Feb 20	2.15	2.16	2.17	2.17	2.18	2.20	2.20	2.21	\$	2.23	2.22	2.19	2.17	2.14	2.14	2.10	2.11	2.12	2.11	2.11	2.12	2.10	2.11	2.09	2.09	2.23	2.15
Feb 21	2.08	2.06	2.05	2.05	2.05	2.05	2.06	\$	2.14	2.12	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.08	2.11	2.32	2.04	2.32	2.07
Feb 22	2.36	2.20	2.12	2.11	2.10	2.05	\$	2.05	2.04	2.05	2.05	2.04	2.05	2.04	2.05	2.05	2.02	2.02	2.03	2.02	2.01	2.00	2.01	2.02	2.00	2.36	2.06
Feb 23	2.00	1.99	2.01	1.99	1.99	\$	2.01	2.00	2.04	1.99	1.99	2.00	2.03	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.09	1.99	2.09	2.04
Feb 24	2.08	2.09	2.09	2.11	\$	2.12	2.11	2.12	2.07	2.06	2.07	2.05	2.05	2.06	2.06	2.05	2.05	2.04	2.07	2.04	2.07	2.06	2.05	2.07	2.04	2.12	2.07
Feb 25	2.08	2.10	2.10	\$	2.09	2.10	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.12	2.09	2.10	2.08	2.07	2.06	2.05	2.07	2.06	2.05	2.07	2.05	2.14	2.09
Feb 26	2.04	2.04	\$	2.03	2.04	2.04	2.06	2.04	2.04	2.05	2.07	2.06	2.06	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.02	2.02	2.01	2.01	2.01	2.07	2.03
Feb 27	2.00	\$	2.02	2.03	2.03	2.03	2.02	2.05	2.03	2.01	2.01	2.01	2.02	2.03	2.03	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.02	2.00	2.05	2.03
Feb 28	\$	2.04	2.03	2.03	2.02	2.03	2.25	2.10	2.05	2.04	2.04	2.05	2.04	2.05	2.06	2.04	2.04	2.05	2.03	2.04	2.06	2.07	2.06	\$	2.02	2.25	2.06
Diurnal Maximum	2.43	2.81	2.62	3.22	3.34	3.51	3.43	3.70	3.75	3.54	2.73	2.27	2.20	2.18	2.23	2.24	2.27	2.27	2.22	2.35	2.31	2.22	2.26	2.53			
Diurnal Average	2.15	2.19	2.16	2.25	2.26	2.27	2.26	2.27	2.25	2.22	2.14	2.10	2.09	2.08	2.09	2.09	2.09	2.09	2.08	2.10	2.10	2.10	2.11	2.14			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

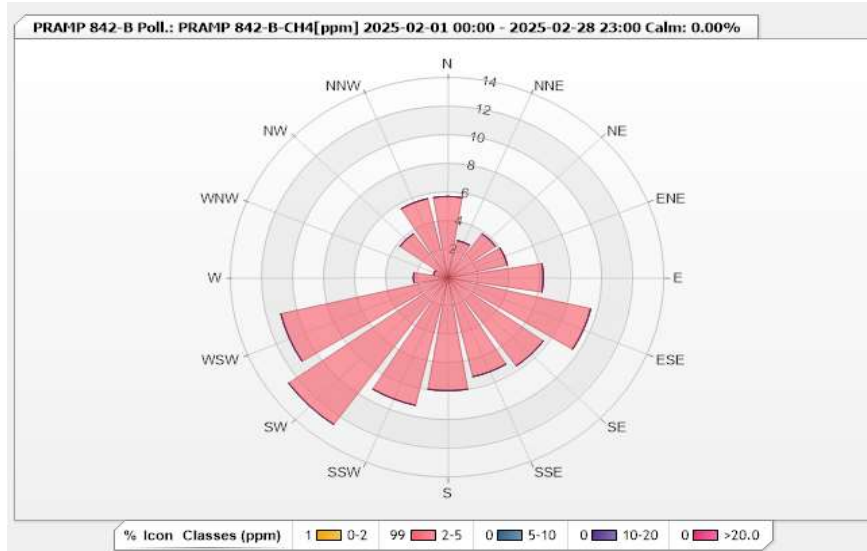


Station: PRAMP 842-B Poll.: PRAMP 842-B-CH4[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.05% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0	5.7	0	0	0	5.7
NNE	0	2.69	0	0	0	2.69
NE	0	3.8	0	0	0	3.8
ENE	0	3.96	0	0	0	3.96
E	0	6.17	0	0	0	6.17
ESE	0	9.49	0	0	0	9.49
SE	0	7.59	0	0	0	7.59
SSE	0	7.12	0	0	0	7.12
S	0.32	7.59	0	0	0	7.91
SSW	0.16	9.02	0	0	0	9.18
SW	0.32	12.34	0	0	0	12.66
WSW	0.32	10.76	0	0	0	11.08
W	0	2.22	0	0	0	2.22
WNW	0	0.95	0	0	0	0.95
NW	0	3.8	0	0	0	3.8
NNW	0	5.7	0	0	0	5.7
Summary	1.12	98.9	0	0	0	100



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

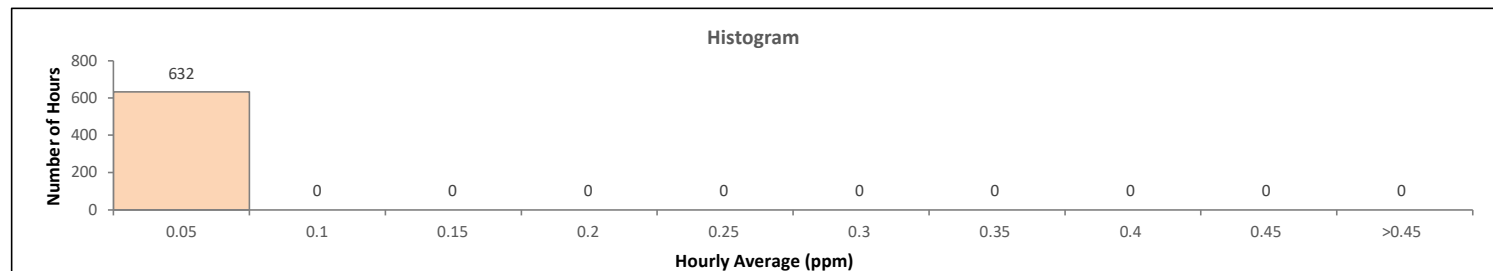
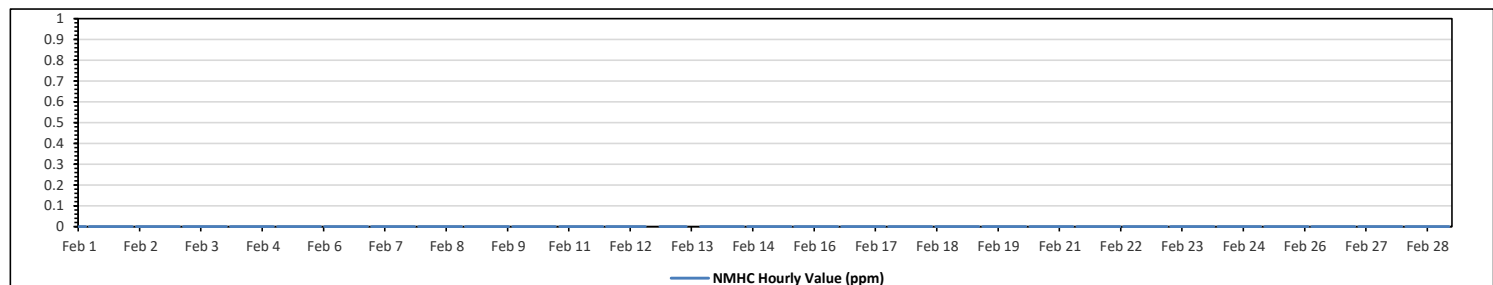
NON-METHANE HYDROCARBONS (NMHC) in ppm

Maximum Hourly Value:	0.00	ppm	on Feb 1 at hr 0	Hours in Service:	672
Maximum Daily Value:	0.00	ppm	on Feb 1	Hours of Data:	632
Minimum Hourly Value:	0.00	ppm	on Feb 1 at hr 0	Hours of Missing Data:	6
Minimum Daily Value:	0.00	ppm	on Feb 1	Hours of Calibration:	34
Monthly Average:	0.00	ppm		Operational Uptime:	99.1

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Feb 1	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 3	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 4	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 5	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00
Feb 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00
Feb 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00
Feb 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00
Feb 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00
Feb 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NRM	NRM	NRM	NRM	NRM	NRM	0.00	0.00	0.00	0.00	0.00	0.00
Feb 13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C	C	C	C	C	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 22	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 23	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 24	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 25	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 26	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 27	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 28	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00
Diurnal Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diurnal Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

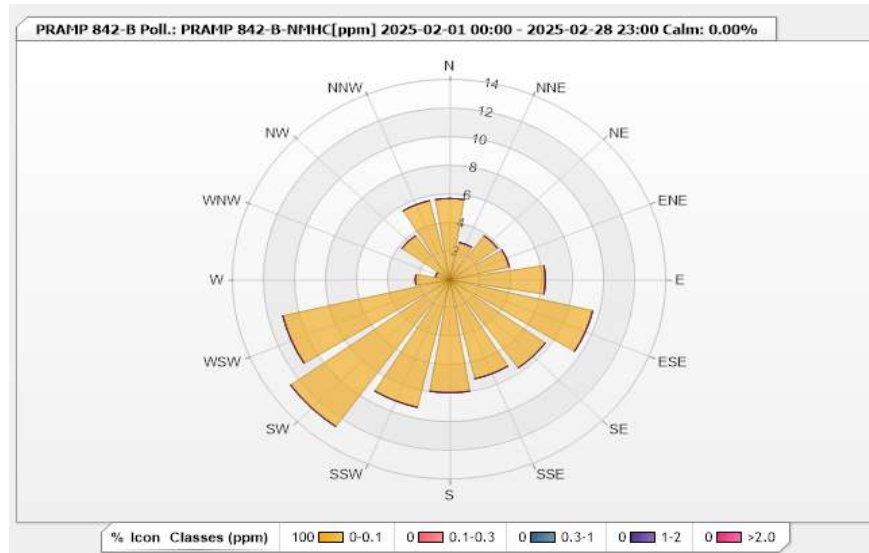


Station: PRAMP 842-B Poll.: PRAMP 842-B-NMHC[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.05% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	5.7	0	0	0	0	5.7
NNE	2.69	0	0	0	0	2.69
NE	3.8	0	0	0	0	3.8
ENE	3.96	0	0	0	0	3.96
E	6.17	0	0	0	0	6.17
ESE	9.49	0	0	0	0	9.49
SE	7.59	0	0	0	0	7.59
SSE	7.12	0	0	0	0	7.12
S	7.91	0	0	0	0	7.91
SSW	9.18	0	0	0	0	9.18
SW	12.66	0	0	0	0	12.66
WSW	11.08	0	0	0	0	11.08
W	2.22	0	0	0	0	2.22
WNW	0.95	0	0	0	0	0.95
NW	3.8	0	0	0	0	3.8
NNW	5.7	0	0	0	0	5.7
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

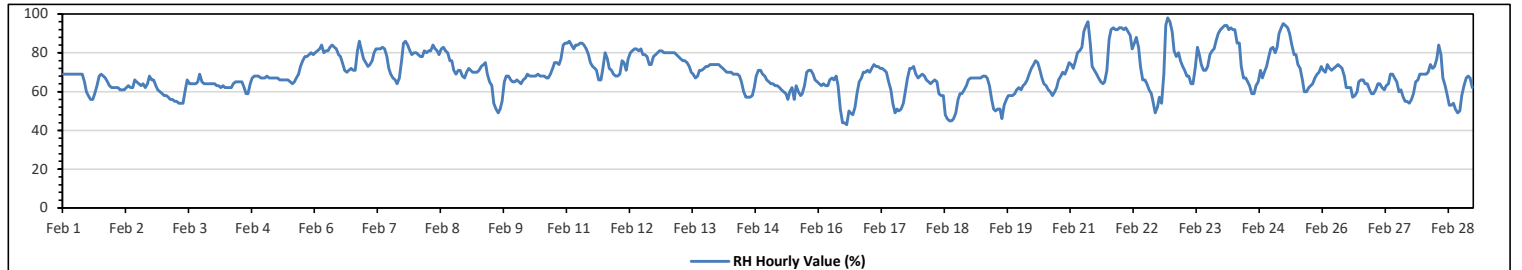
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	98	%	on Feb 22 at hr 22	Hours in Service:	672
Maximum Daily Value:	80.3	%	on Feb 21	Hours of Data:	672
Minimum Hourly Value:	43	%	on Feb 16 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	58.9	%	on Feb 18	Hours of Calibration:	0
Monthly Average:	69.3	%		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	69	69	69	69	69	69	69	69	69	69	65	60	58	56	56	59	63	68	69	68	67	65	63	62	56	69	65.4
Feb 2	62	62	62	61	61	61	62	63	62	62	66	65	64	63	64	62	64	68	66	66	63	61	60	59	59	68	62.9
Feb 3	58	58	57	56	56	55	55	54	54	54	60	66	64	64	64	64	65	69	65	64	64	64	64	64	54	69	60.8
Feb 4	64	63	63	62	63	62	62	62	62	64	65	65	65	65	62	59	59	64	67	68	68	68	67	67	59	68	64.0
Feb 5	67	68	67	67	67	67	67	66	66	66	66	66	65	64	65	67	69	73	76	78	78	79	80	79	64	80	69.7
Feb 6	80	81	82	84	80	81	81	83	84	83	82	79	78	75	71	70	71	72	71	71	81	86	81	77	70	86	78.5
Feb 7	75	73	74	76	80	82	82	82	83	82	78	72	69	67	66	64	67	76	85	86	84	81	79	80	64	86	76.8
Feb 8	80	79	78	78	81	80	81	81	84	82	81	79	82	83	81	80	76	76	71	69	71	71	68	67	67	84	77.5
Feb 9	70	72	71	70	70	70	71	73	74	75	69	65	63	54	51	49	51	55	65	68	68	66	65	65	49	75	65.4
Feb 10	66	65	64	66	67	69	68	68	68	68	69	68	68	68	67	67	69	72	75	75	74	77	84	85	64	85	70.3
Feb 11	85	86	84	82	84	84	85	85	84	82	79	75	73	72	71	66	66	72	80	77	72	71	69	68	66	86	77.2
Feb 12	68	69	76	75	71	77	80	81	82	82	81	82	79	79	78	74	74	78	79	80	81	81	80	80	68	82	77.8
Feb 13	80	80	80	80	79	78	77	76	76	75	73	70	69	67	68	71	71	72	73	73	74	74	74	74	67	80	74.3
Feb 14	74	73	72	71	70	70	70	69	69	69	68	65	60	57	57	57	58	62	68	71	71	69	68	66	57	74	66.8
Feb 15	65	64	64	63	63	62	61	60	59	56	60	62	56	63	60	58	59	63	70	71	71	69	66	65	56	71	62.9
Feb 16	64	63	64	63	63	66	67	66	68	63	51	44	44	43	50	49	48	52	59	65	67	70	70	71	43	71	59.6
Feb 17	70	72	74	73	73	72	72	71	70	65	61	54	49	51	50	51	54	60	67	72	72	73	69	67	49	74	65.1
Feb 18	68	69	68	66	65	64	65	66	65	59	58	58	48	46	45	45	46	49	56	59	59	61	63	66	45	69	58.9
Feb 19	67	67	67	67	67	67	68	68	67	63	56	51	50	51	51	46	53	56	58	58	58	59	61	62	46	68	59.9
Feb 20	61	63	64	66	69	72	74	76	75	71	67	64	63	61	60	58	60	62	66	68	70	69	72	75	58	76	66.9
Feb 21	74	72	76	80	81	83	91	94	96	85	73	71	69	67	65	64	65	71	87	92	93	92	92	93	64	96	80.3
Feb 22	93	92	93	91	89	82	85	88	83	73	66	66	64	61	59	55	49	52	57	54	69	94	98	96	49	98	75.4
Feb 23	91	81	78	80	76	73	71	68	68	64	64	72	83	79	74	71	71	73	79	81	82	86	90	92	64	92	77.0
Feb 24	93	94	94	92	93	92	92	85	85	73	67	67	65	63	59	59	63	65	71	67	70	73	78	82	59	94	76.8
Feb 25	83	80	83	90	93	95	94	93	90	84	79	79	74	72	66	60	60	62	63	64	67	69	70	73	60	95	76.8
Feb 26	71	70	74	72	71	72	73	74	73	72	68	62	62	62	57	58	60	65	66	66	64	64	61	59	57	74	66.5
Feb 27	59	61	64	64	62	61	63	64	69	69	67	65	60	61	57	55	55	54	56	59	65	66	69	69	54	69	62.3
Feb 28	69	69	70	74	72	73	77	84	79	67	63	58	53	53	54	51	49	50	58	63	67	68	67	62	49	84	64.6
Diurnal Maximum	93	94	94	92	93	95	94	94	96	85	82	82	83	83	81	80	76	78	87	92	93	94	98	96			
Diurnal Average	72.4	72.0	72.6	72.8	72.7	72.8	73.7	73.9	73.7	70.6	67.9	66.1	64.2	63.1	61.7	60.3	61.3	64.7	68.7	69.8	71.1	72.4	72.4	72.3			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance	
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	
X	Invalid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)		P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

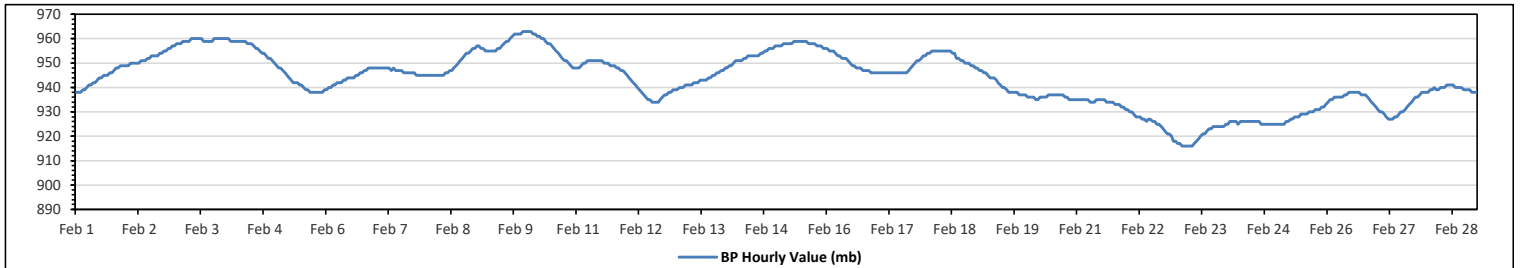
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	963	mb	on Feb 9 at hr 22	Hours in Service:	672
Maximum Daily Value:	959	mb	on Feb 3	Hours of Data:	672
Minimum Hourly Value:	916	mb	on Feb 23 at hr 2	Hours of Missing Data:	0
Minimum Daily Value:	920	mb	on Feb 23	Hours of Calibration:	0
Monthly Average:	943	mb		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	938	938	938	939	939	940	941	941	942	942	943	944	944	945	945	945	946	946	947	948	948	949	949	949	938	949	944
Feb 2	949	949	950	950	950	950	951	951	951	952	952	953	953	953	953	953	954	954	955	955	956	956	957	957	949	957	953
Feb 3	958	958	958	959	959	959	959	960	960	960	960	960	960	959	959	959	959	959	960	960	960	960	960	960	958	960	959
Feb 4	960	960	959	959	959	959	959	959	959	959	958	958	958	957	956	956	955	954	954	953	952	952	951	950	950	960	957
Feb 5	949	948	948	947	946	945	944	943	942	942	942	941	941	940	939	939	938	938	938	938	938	938	938	939	938	949	942
Feb 6	939	940	940	941	941	942	942	942	943	943	944	944	944	944	945	945	946	946	947	947	948	948	948	948	939	948	944
Feb 7	948	948	948	948	948	948	948	947	948	947	947	947	947	946	946	946	946	946	946	945	945	945	945	945	945	948	947
Feb 8	945	945	945	945	945	945	945	945	945	946	946	947	947	948	949	950	951	952	953	954	954	955	956	956	945	956	949
Feb 9	957	957	956	956	955	955	955	955	955	955	956	956	957	958	959	959	960	961	962	962	962	962	963	963	955	963	958
Feb 10	963	963	963	962	962	961	961	960	960	959	958	958	957	956	955	954	953	952	951	951	950	949	948	948	948	948	956
Feb 11	948	948	949	950	950	951	951	951	951	951	951	951	951	950	950	949	949	949	948	948	947	947	946	946	951	949	
Feb 12	945	944	943	942	941	940	939	938	937	936	935	935	934	934	934	934	935	936	937	937	938	938	939	939	934	945	938
Feb 13	939	940	940	940	941	941	941	941	942	942	942	943	943	943	943	944	944	945	945	946	946	947	947	948	939	948	943
Feb 14	948	949	949	950	951	951	951	951	952	952	953	953	953	953	953	953	954	954	955	955	956	956	956	957	948	957	953
Feb 15	957	957	957	958	958	958	958	958	959	959	959	959	959	959	959	958	958	958	958	957	957	957	956	956	956	959	958
Feb 16	956	955	955	955	954	953	953	952	952	952	951	950	949	949	948	948	948	947	947	947	947	946	946	946	946	956	950
Feb 17	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	947	948	949	950	951	951	952	953	953	946	953	948
Feb 18	954	954	955	955	955	955	955	955	955	955	955	955	954	954	952	952	951	951	950	950	950	949	949	948	948	955	953
Feb 19	948	947	947	946	946	945	944	944	944	943	942	941	940	940	939	938	938	938	938	938	937	937	937	937	937	948	941
Feb 20	936	936	936	936	935	935	936	936	936	936	936	937	937	937	937	937	937	937	936	936	935	935	935	935	935	937	936
Feb 21	935	935	935	935	935	935	934	934	934	934	935	935	935	935	935	934	934	934	933	933	933	932	932	931	931	935	934
Feb 22	931	930	930	929	928	928	928	927	927	926	926	927	926	926	925	925	924	923	922	921	921	920	918	918	918	931	925
Feb 23	917	917	916	916	916	916	916	916	917	918	919	920	921	921	922	923	923	924	924	924	924	924	924	925	916	925	920
Feb 24	925	926	926	926	926	925	926	926	926	926	926	926	926	926	926	926	925	925	925	925	925	925	925	925	925	926	926
Feb 25	925	925	925	925	926	926	926	927	927	928	928	929	929	929	929	930	930	930	931	931	931	932	932	933	925	933	929
Feb 26	934	935	935	936	936	936	936	936	937	937	938	938	938	938	938	938	937	937	937	936	935	934	933	932	932	938	936
Feb 27	931	930	930	929	928	927	927	927	928	928	929	930	930	931	932	933	934	935	936	936	937	938	938	938	927	938	932
Feb 28	938	939	939	940	939	939	940	940	940	941	941	941	941	940	940	940	940	939	939	939	939	938	938	938	938	941	940
Diurnal Maximum	963	963	963	962	962	961	961	960	960	960	960	960	960	959	959	959	960	961	962	962	962	962	963	963			
Diurnal Average	944	944	944	944	943	943	943	943	943	943	944	944	944	943	943	943	943	944	944	944	944	944	944	944			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
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Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



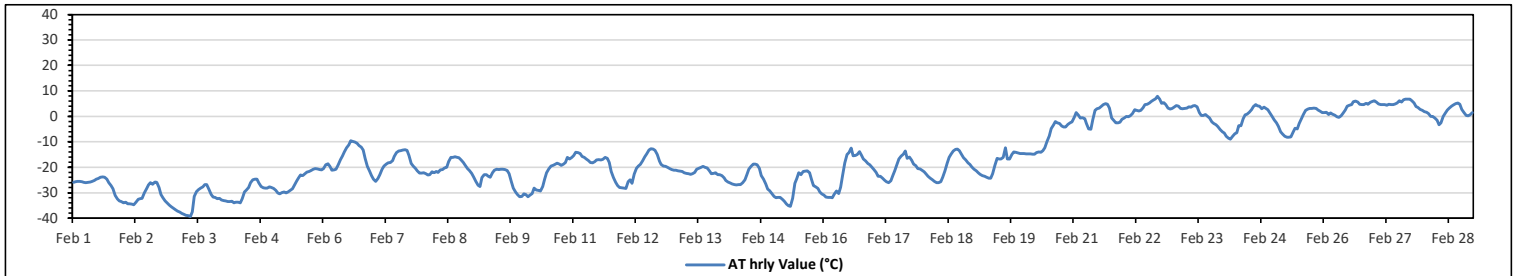
Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

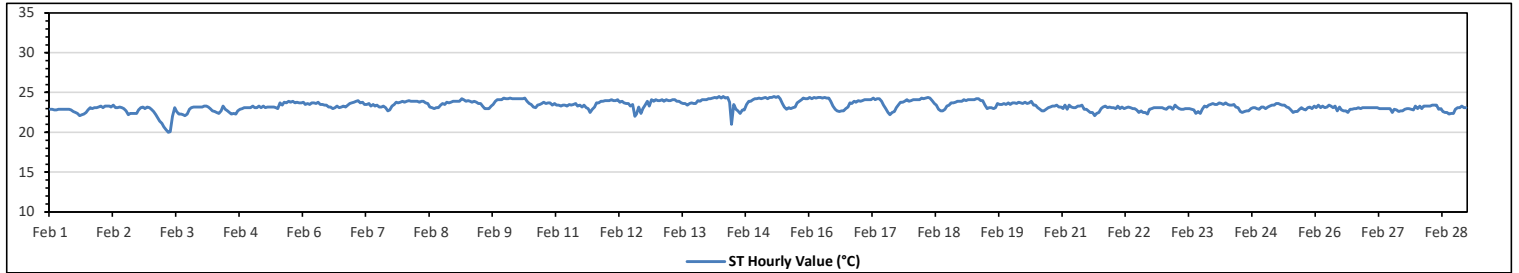
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	7.9	°C	on Feb 22 at hr 16	Hours in Service:	672																														
Maximum Daily Value:	5.0	°C	on Feb 27	Hours of Data:	672																														
Minimum Hourly Value:	-39.4	°C	on Feb 3 at hr 8	Hours of Missing Data:	0																														
Minimum Daily Value:	-33.3	°C	on Feb 3	Hours of Calibration:	0																														
Monthly Average:	-15.7	°C		Operational Uptime:	100.0																														
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average								
Feb 1	-25.9	-25.7	-25.6	-25.6	-25.7	-25.9	-26	-25.9	-25.8	-25.6	-25.2	-24.6	-24.5	-24	-23.8	-24	-24.6	-26	-27.2	-28.5	-31.1	-32.5	-33.2	-33.5	-33.5	-23.8	-26.7								
Feb 2	-33.9	-33.8	-34.3	-34.4	-34.5	-34.7	-33.8	-32.6	-32.4	-32.2	-30.1	-28.5	-27	-26.1	-26.7	-25.8	-25.9	-28	-30.7	-32	-33.2	-34.1	-34.9	-35.5	-35.5	-25.8	-31.5								
Feb 3	-36.1	-36.7	-37.2	-37.7	-38.1	-38.5	-38.9	-39.1	-39.4	-37.5	-31.4	-29.6	-28.8	-28.2	-27.7	-26.8	-26.8	-28.7	-30.8	-31.7	-31.8	-32.4	-32.3	-32.8	-39.4	-26.8	-33.3								
Feb 4	-33.1	-33.2	-33.5	-33.5	-33.4	-33.9	-33.8	-33.8	-33.9	-32.4	-29.8	-28.9	-28	-26.1	-24.9	-24.7	-24.7	-26.2	-27.6	-28.1	-28.3	-28.3	-27.7	-28	-33.9	-24.7	-29.8								
Feb 5	-28.4	-29.1	-30.1	-30.5	-29.9	-29.8	-30	-29.8	-29.1	-28.5	-27.1	-25.4	-24.2	-23.1	-23.2	-22.6	-21.9	-21.7	-21.3	-20.7	-20.5	-20.6	-20.9	-21	-30.5	-20.5	-25.4								
Feb 6	-20.5	-19.1	-18.7	-19.6	-21.2	-21	-20.7	-19.1	-17	-15.6	-14	-12.4	-11.2	-9.7	-9.8	-10.1	-10.6	-11.5	-12.1	-13.2	-16.5	-19.6	-21.6	-23.3	-23.3	-9.7	-16.2								
Feb 7	-24.6	-25.6	-24.5	-22.9	-20.7	-19.5	-18.8	-18.3	-18.1	-17.4	-15.8	-14.2	-13.7	-13.5	-13.3	-13.1	-13.4	-15.4	-18.5	-19.6	-20.4	-21.5	-22.3	-22.3	-25.6	-13.1	-18.6								
Feb 8	-22.2	-22.5	-23.1	-23	-21.8	-22.1	-21.7	-22	-21	-20.9	-20.3	-20	-17.8	-16.1	-16.1	-15.9	-16.1	-16.3	-17.1	-18.1	-19.3	-20.5	-21.3	-22.4	-23.1	-15.9	-19.9								
Feb 9	-23.8	-25.6	-27.1	-27.5	-24.1	-23	-23	-23.5	-24	-22.2	-21.1	-20.8	-20.9	-20.7	-20.8	-20.9	-21.3	-22.5	-25.7	-28.3	-29.7	-30.8	-31.6	-31.5	-31.6	-20.7	-24.6								
Feb 10	-30.5	-30.8	-31.6	-31	-30.3	-28.3	-28.9	-29.1	-29.3	-27.6	-24.6	-22.2	-20.6	-19.5	-19.2	-18.9	-18.4	-18.8	-19.3	-18.8	-18.1	-16.1	-16.7	-16.1	-31.6	-16.1	-23.5								
Feb 11	-15.4	-14.1	-14.2	-14.7	-15.7	-16.1	-16.7	-17.4	-18.1	-18.3	-17.8	-17.1	-17	-17.1	-16.9	-16.1	-16.5	-18.1	-21.7	-24.1	-25.9	-27.2	-27.9	-28.1	-28.1	-14.1	-18.8								
Feb 12	-28.2	-28.4	-25.7	-24.9	-26.3	-22.7	-20.4	-19.5	-18.9	-17.6	-15.9	-14.8	-13.3	-12.7	-12.8	-13.4	-15	-17.7	-19	-19.5	-19.7	-20.1	-20.5	-20.9	-28.4	-12.7	-19.5								
Feb 13	-21.2	-21.2	-21.5	-21.6	-21.7	-22.1	-22.4	-22.6	-22.8	-22.6	-22	-20.8	-20.4	-20.1	-19.6	-20.1	-20.3	-21.5	-22.5	-22.4	-22.2	-22.9	-23	-23.2	-23.2	-19.6	-21.7								
Feb 14	-24.2	-25.2	-25.8	-26.2	-26.6	-26.8	-27	-26.8	-26.8	-26	-24.9	-23	-20.8	-19.6	-18.8	-18.8	-19.1	-20.4	-23.2	-24.6	-26.6	-28.6	-29.2	-30.3	-30.3	-18.8	-24.6								
Feb 15	-31.4	-32	-31.8	-31.9	-32.6	-33.4	-34.5	-35.2	-35.4	-32.2	-26.3	-24.5	-22.2	-22.9	-21.7	-21.6	-21.5	-22.2	-24.8	-27.2	-27.7	-28.4	-29.7	-30.5	-35.4	-21.5	-28.4								
Feb 16	-31	-31.7	-31.8	-31.9	-32	-30.6	-29.4	-30.3	-27.8	-23.3	-18.3	-15	-14.3	-12.5	-15.5	-15.3	-15	-13.8	-15.2	-16.7	-17.5	-18.5	-19.1	-20.1	-32.0	-12.5	-21.9								
Feb 17	-20.9	-22	-23.5	-23.6	-24.4	-25	-25.7	-26	-25.3	-23.3	-21.5	-18.9	-16.7	-15.6	-14.9	-13.6	-16.5	-16	-17.3	-18.8	-19.4	-20.5	-20.6	-21.1	-26.0	-13.6	-20.5								
Feb 18	-21.8	-22.8	-23.6	-24.3	-24.9	-25.6	-26.1	-26.1	-25.7	-23.9	-21.4	-18.4	-16.2	-14.9	-13.6	-13	-12.9	-13.5	-15	-16.3	-17.2	-18.2	-19	-19.9	-26.1	-12.9	-19.8								
Feb 19	-20.8	-21.4	-22.1	-22.8	-23.3	-23.6	-23.9	-24.4	-24.3	-22.5	-19.3	-16.5	-16.7	-16.7	-16.2	-12.4	-16.7	-16.8	-15.1	-13.9	-14.1	-14.4	-14.6	-14.7	-24.4	-12.4	-18.6								
Feb 20	-14.7	-14.8	-14.8	-14.8	-14.9	-14.9	-14.2	-14	-14.1	-13.5	-12.4	-9.8	-7.7	-4.8	-3.4	-2	-2.5	-2.9	-3.8	-4.2	-4.2	-3.1	-2.6	-2.1	-14.9	-2.0	-8.8								
Feb 21	-0.4	1.4	0.5	-0.6	-0.5	-0.9	-2.8	-5	-5.1	-1.3	2.3	3	3.3	3.8	4.6	5	4.8	3.2	-0.7	-1.7	-2.6	-2.6	-2.3	-1.2	-5.1	5.0	0.2								
Feb 22	-0.6	0	-0.2	0.2	1	2.6	2.3	2.1	2.3	3.4	4.6	4.8	5.2	5.9	6.3	6.9	7.9	6.7	5.1	5.3	4.6	3.2	2.8	3.1	-0.6	7.9	3.6								
Feb 23	3.6	4.2	3.9	3.1	3	3.1	3.3	3.7	3.6	4.1	4.2	3.7	1.5	0.3	0.3	0.7	0	-0.7	-2.2	-2.8	-3.3	-4.1	-5.2	-6	-6.0	4.2	0.9								
Feb 24	-6.6	-7.8	-8.5	-9	-7.9	-6.8	-6.5	-3.7	-3.7	-0.9	0.6	0.9	1.6	2.6	3.8	4.6	4.1	3.9	3	3.6	3.1	2.6	1.2	-0.2	-9.0	4.6	-1.1								
Feb 25	-1.4	-2.5	-4	-6	-7	-7.9	-8.3	-8.3	-8.1	-6.2	-4.7	-4.9	-2.8	-0.9	0.8	2.3	2.8	3.1	3.1	3.2	3.1	2.5	2	1.4	-8.3	3.2	-2.0								
Feb 26	1.5	1.6	0.8	1.3	0.9	0.5	-0.2	-0.4	0.2	1.2	2.4	4	4.4	4.6	5.8	6	5.6	4.8	4.7	4.7	5.1	4.8	5.5	5.9	-0.4	6.0	3.2								
Feb 27	6.1	5.6	4.9	4.6	4.7	4.6	4.3	4.8	4.7	4.7	4.9	5.2	6.1	5.6	6.5	6.7	6.7	6.7	6.1	5.2	3.8	3.5	2.7	2.3	2.3	6.7	5.0								
Feb 28	1.8	1.6	1.1	0	0	-0.6	-1.6	-3.3	-2.6	0	1.3	2.4	3.3	4	4.5	5	5.2	4.8	2.7	1.4	0.3	0.2	0.6	1.4	-3.3	5.2	1.4								
Diurnal Maximum	6.1	5.6	4.9	4.6	4.7	4.6	4.3	4.8	4.7	4.7	4.9	5.2	6.1	5.9	6.5	6.9	7.9	6.7	6.1	5.3	5.1	4.8	5.5	5.9											
Diurnal Average	-18.0	-18.3	-18.6	-18.9	-18.9	-18.7	-18.8	-18.8	-18.5	-17.1	-15.1	-13.8	-12.8	-12.1	-11.7	-11.1	-11.5	-12.3	-13.8	-14.6	-15.3	-16.0	-16.5	-16.8											
C	Monthly Calibration									S	Daily Zero-Span Check									Q	Quality Assurance														
K	Collection Error									ND	No Data (Machine Not in Service)									Y	Routine Maintenance					P	Power Failure								
X	Invalid Data (Equipment Malfunction /Recovery)									NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																								
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																			
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																			



Peace River Area Monitoring Program
842-B Station - February 2025
Summary of Hourly Averages
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	24.5	°C	on Feb 14 at hr 5	Hours in Service:	672																							
Maximum Daily Value:	23.9	°C	on Feb 15	Hours of Data:	672																							
Minimum Hourly Value:	20.0	°C	on Feb 3 at hr 8	Hours of Missing Data:	0																							
Minimum Daily Value:	22.1	°C	on Feb 3	Hours of Calibration:	0																							
Monthly Average:	23.3	°C		Operational Uptime:	100.0																							
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
Feb 1	22.9	22.9	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.8	22.6	22.5	22.4	22.1	22.2	22.3	22.5	22.8	23.1	23.0	23.1	23.1	23.2	22.1	23.2	22.8		
Feb 2	23.3	23.1	23.3	23.3	23.3	23.2	23.4	23.1	23.1	23.2	23.1	23.0	22.7	22.2	22.4	22.4	22.4	22.8	23.1	23.2	23.0	23.2	23.1	22.2	23.4	23.0		
Feb 3	22.9	22.6	22.2	21.8	21.4	21.1	20.7	20.3	20.0	20.1	22.0	23.1	22.6	22.3	22.3	22.2	22.1	22.3	22.9	23.1	23.2	23.2	23.2	23.2	20.0	23.2	22.1	
Feb 4	23.2	23.3	23.3	23.2	23.0	22.7	22.6	22.5	22.4	22.7	23.3	22.9	22.7	22.5	22.3	22.4	22.3	22.7	22.9	23.0	23.1	23.1	23.1	23.1	22.3	23.3	22.8	
Feb 5	23.3	23.1	23.1	23.3	23.1	23.3	23.1	23.2	23.2	23.2	23.2	23.1	23.0	23.7	23.4	23.8	23.7	23.9	23.8	23.9	23.7	23.8	23.7	23.7	23.0	23.9	23.4	
Feb 6	23.8	23.5	23.6	23.5	23.7	23.7	23.6	23.8	23.5	23.5	23.5	23.4	23.4	23.2	23.2	23.0	23.1	23.3	23.1	23.2	23.3	23.2	23.4	23.6	23.7	23.0	23.8	23.4
Feb 7	23.8	23.9	24.0	23.7	23.8	23.5	23.5	23.6	23.3	23.5	23.3	23.4	23.2	23.2	23.3	23.1	22.7	22.8	23.3	23.5	23.8	23.7	23.8	23.9	22.7	24.0	23.5	
Feb 8	23.8	23.9	24.0	23.9	23.9	23.9	23.9	23.8	23.9	23.9	23.7	23.6	23.2	23.1	23.0	23.1	23.1	23.4	23.6	23.5	23.8	23.7	23.8	23.9	23.0	24.0	23.6	
Feb 9	23.9	23.9	23.9	24.2	24.1	23.9	24.0	23.9	23.8	23.9	23.8	23.6	23.6	23.3	23.0	23.0	23.0	23.3	23.5	23.9	24.1	24.1	24.1	24.3	23.0	24.3	23.8	
Feb 10	24.2	24.2	24.3	24.2	24.2	24.2	24.2	24.2	24.2	24.3	23.9	23.6	23.5	23.2	23.1	23.4	23.5	23.6	23.8	23.6	23.7	23.7	23.4	23.6	23.1	24.3	23.8	
Feb 11	23.4	23.4	23.3	23.4	23.4	23.3	23.5	23.4	23.5	23.6	23.3	23.4	23.2	23.4	23.1	23.0	22.5	22.9	23.2	23.7	23.7	23.9	23.9	24.0	22.5	24.0	23.4	
Feb 12	24.0	24.0	24.1	24.0	24.0	24.1	23.8	23.9	23.7	23.6	23.6	23.3	23.5	22.0	22.3	23.2	22.4	23.0	23.4	23.9	23.3	24.1	23.9	24.1	22.0	24.1	23.6	
Feb 13	24.0	24.0	24.1	23.9	24.1	24.0	24.0	24.1	24.1	23.9	23.9	23.7	23.6	23.6	23.4	23.6	23.7	23.6	23.6	24.0	23.9	24.1	24.1	24.1	23.4	24.1	23.9	
Feb 14	24.2	24.2	24.3	24.4	24.3	24.5	24.3	24.5	24.3	24.4	23.8	21.0	23.5	22.9	22.7	22.4	22.8	22.8	23.5	23.9	23.9	24.1	24.2	24.2	21.0	24.5	23.7	
Feb 15	24.3	24.2	24.3	24.4	24.2	24.4	24.4	24.5	24.4	24.5	24.2	23.6	23.2	22.9	23.1	23.0	23.1	23.2	23.7	23.9	24.1	24.3	24.2	24.2	22.9	24.5	23.9	
Feb 16	24.4	24.2	24.4	24.3	24.4	24.4	24.3	24.4	24.3	24.3	23.9	23.3	22.9	22.7	22.6	22.7	22.7	23.0	23.2	23.7	23.6	23.9	23.8	24.0	22.6	24.4	23.7	
Feb 17	23.9	24.0	24.1	24.1	24.1	24.1	24.3	24.1	24.2	24.2	23.9	23.4	23.0	22.5	22.2	22.5	22.6	23.1	23.4	23.8	23.8	23.9	24.1	23.9	22.2	24.3	23.6	
Feb 18	24.0	24.1	24.1	24.1	24.1	24.1	24.3	24.2	24.3	24.4	24.3	24.0	23.6	23.4	22.9	22.7	22.7	22.9	23.3	23.4	23.7	23.7	23.8	23.9	22.7	24.4	23.7	
Feb 19	23.9	24.1	24.0	24.1	24.1	24.1	24.1	24.2	24.2	24.0	24.0	23.4	23.0	23.1	23.1	23.0	23.1	23.6	23.5	23.5	23.6	23.5	23.7	23.5	23.0	24.2	23.7	
Feb 20	23.7	23.7	23.6	23.8	23.7	23.6	23.8	23.6	23.7	23.9	23.4	23.4	23.1	22.9	22.7	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.2	23.2	22.7	23.9	23.4	
Feb 21	23.0	23.4	22.9	23.4	23.2	23.1	23.1	23.3	23.3	23.4	22.9	22.9	22.7	22.5	22.5	22.1	22.4	22.5	23.0	23.2	23.3	23.1	23.2	23.1	22.1	23.4	23.0	
Feb 22	23.1	23.0	23.3	23.0	23.2	23.0	23.1	23.2	23.1	23.0	23.0	22.8	22.5	22.7	22.5	22.5	22.3	22.9	23.0	23.1	23.1	23.1	23.1	23.1	22.3	23.3	22.9	
Feb 23	23.0	22.9	23.2	23.2	22.9	23.4	23.2	23.0	22.9	22.9	23.0	23.0	23.0	22.9	22.8	22.4	22.6	22.4	22.9	23.3	23.2	23.4	23.5	23.6	22.4	23.6	23.0	
Feb 24	23.5	23.5	23.7	23.6	23.5	23.7	23.5	23.4	23.4	23.5	23.2	23.1	22.6	22.5	22.6	22.7	22.7	23.0	23.1	23.1	23.0	22.9	23.2	23.2	22.5	23.7	23.2	
Feb 25	23.0	23.2	23.3	23.4	23.4	23.6	23.6	23.5	23.4	23.4	23.2	23.1	22.8	22.5	22.6	22.6	22.9	23.1	22.9	22.8	23.1	23.2	23.0	23.3	22.5	23.6	23.1	
Feb 26	23.1	23.4	23.1	23.3	23.1	23.2	23.4	23.3	23.1	23.3	22.7	23.2	22.8	22.7	22.7	22.5	22.9	22.9	23.0	23.0	23.1	23.0	23.1	23.1	22.5	23.4	23.0	
Feb 27	23.1	23.1	23.1	23.1	23.1	23.1	23.0	23.0	23.0	23.0	23.0	23.0	22.5	22.9	22.8	22.6	22.7	22.7	22.9	23.0	23.0	22.9	22.8	23.3	22.5	23.3	22.9	
Feb 28	23.0	23.3	23.0	23.3	23.3	23.3	23.3	23.4	23.4	23.4	22.9	23.0	22.6	22.5	22.5	22.3	22.4	22.4	22.9	23.1	23.1	23.3	23.1	23.1	22.3	23.4	23.0	
Diurnal Maximum	24.4	24.2	24.4	24.4	24.4	24.5	24.4	24.5	24.4	24.5	24.2	23.7	23.6	23.7	23.4	23.8	23.7	23.9	23.8	24.0	24.1	24.3	24.2	24.3				
Diurnal Average	23.6	23.6	23.6	23.6	23.6	23.6	23.5	23.5	23.5	23.5	23.5	23.4	23.2	23.0	22.8	22.7	22.8	22.8	23.0	23.2	23.4	23.5	23.5	23.5	23.6			
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance													
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure						
X	Invalid Data (Equipment Malfunction /Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																												
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																												



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

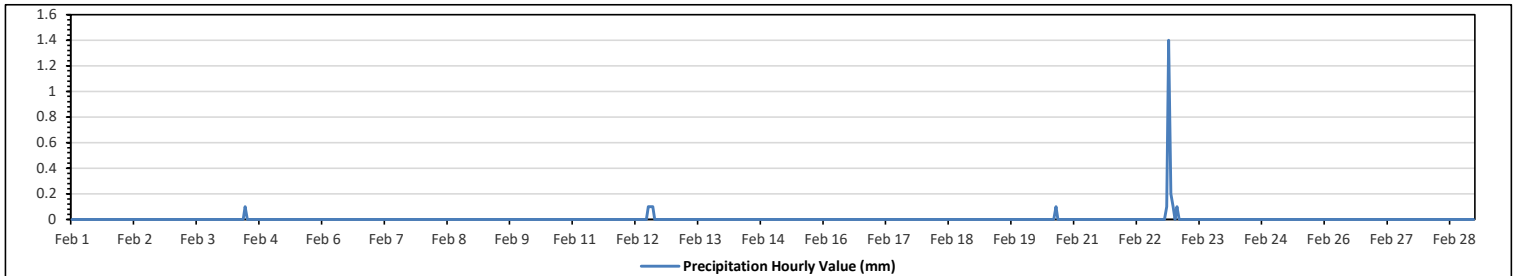
PRECIPITATION in mm

Maximum Hourly Value:	1.4	mm	on Feb 22 at hr 21	Hours in Service:	672
Maximum Daily Value:	1.8	mm	on Feb 22	Hours of Data:	672
Minimum Hourly Value:	0.0	mm	on Feb 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0	mm	on Feb 1	Hours of Calibration:	0
Monthly Total:	2.4	mm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																								Daily	Daily	Daily
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Total
Feb 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 4	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Feb 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0.0	0.1	0.3
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Feb 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1.4	0.2	0.1	0.0	1.4	1.8
Feb 23	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Feb 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Diurnal Maximum	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	1.4	0.2	0.1			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	Invalid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



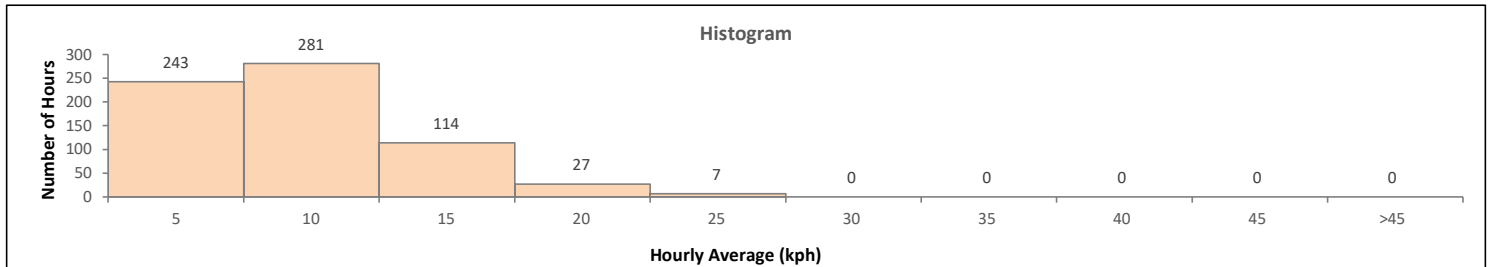
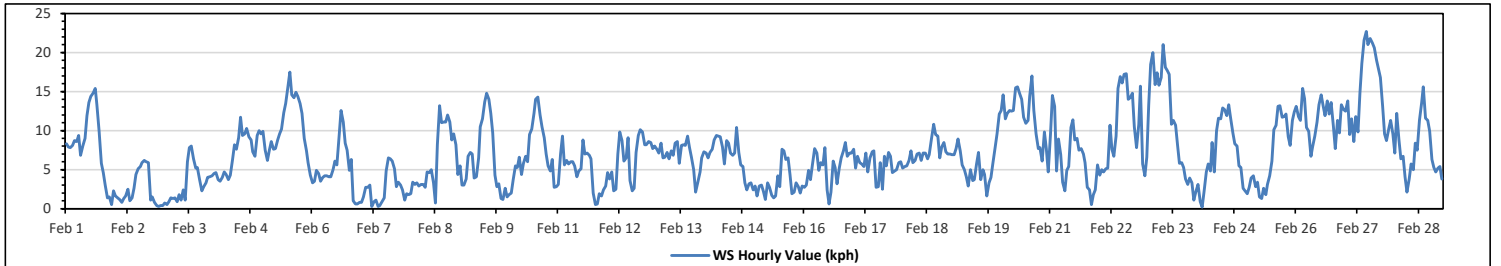
Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	22.7	kph	on Feb 27 at hr 10	Hours in Service:	672																																						
Maximum Daily Value:	14.8	kph	on Feb 27	Hours of Data:	672																																						
Minimum Hourly Value:	0.2	kph	on Feb 24 at hr 2	Hours of Missing Data:	0																																						
Minimum Daily Value:	2.5	kph	on Feb 2	Hours of Calibration:	0																																						
Monthly Average:	2.4	kph		Operational Uptime:	100.0																																						
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average			
Feb 1	8.3	7.9	7.8	8.1	8.7	8.6	9.4	6.8	8.0	9.0	11.9	13.6	14.4	14.8	15.4	13.3	9.9	5.8	4.6	3.0	1.4	1.5	0.5	2.3	0.5	15.4	8.1																
Feb 2	1.6	1.4	1.2	0.8	1.3	1.6	2.5	1.0	1.4	2.6	4.4	5.1	5.4	5.9	6.2	6.0	5.9	1.1	1.5	0.8	0.4	0.3	0.4	0.4	0.3	6.2	2.5																
Feb 3	0.7	0.5	0.9	1.4	1.3	1.4	0.9	1.8	1.1	2.4	1.1	6.0	7.8	8.0	6.4	5.2	5.3	3.7	2.3	2.8	3.3	4.0	4.1	4.2	0.5	8.0	3.2																
Feb 4	4.5	4.6	3.7	3.5	4.0	4.7	4.4	3.7	4.3	6.3	8.2	7.6	9.1	11.7	9.4	9.6	10.3	9.2	8.8	7.3	6.7	9.4	10.0	9.6	3.5	11.7	7.1																
Feb 5	9.9	7.5	6.2	7.5	8.6	7.6	7.7	8.8	9.6	10.2	12.3	13.5	15.6	17.5	14.6	14.2	14.9	14.4	13.5	12.2	9.0	7.4	5.9	4.3	4.3	17.5	10.5																
Feb 6	3.3	3.5	4.9	4.5	3.5	4.0	4.2	4.2	4.1	4.1	5.0	6.1	5.6	9.3	12.6	11.1	8.4	7.5	4.9	6.3	1.0	0.6	0.6	0.8	0.6	12.6	5.0																
Feb 7	0.8	1.5	2.7	2.7	3.0	0.3	0.9	1.1	0.3	0.4	0.9	1.4	4.8	6.5	6.4	6.1	5.1	2.8	3.4	3.0	2.4	1.1	1.9	1.8	0.3	6.5	2.6																
Feb 8	1.9	3.4	3.1	3.3	2.9	3.1	3.1	2.7	4.7	4.6	5.0	3.3	0.7	8.2	13.2	11.0	11.1	12.0	11.1	8.8	9.6	8.2	4.4	0.7	13.2	6.3																	
Feb 9	5.5	3.0	3.0	3.8	6.7	7.2	7.0	3.9	4.1	6.5	10.5	11.5	13.7	14.8	14.0	12.2	9.7	4.3	2.8	3.2	1.3	1.2	2.6	1.5	1.2	14.8	6.4																
Feb 10	1.8	2.0	3.7	5.5	5.3	6.6	4.4	5.8	6.7	6.0	9.5	10.2	12.2	14.0	14.3	12.0	10.5	9.1	7.0	5.5	4.8	6.3	2.7	2.8	1.8	14.3	7.0																
Feb 11	3.1	7.0	9.3	5.6	6.2	5.7	6.0	6.0	5.5	4.1	4.8	5.1	8.8	7.0	7.1	6.8	6.4	2.0	0.5	0.6	1.9	1.6	2.4	2.9	0.5	9.3	4.9																
Feb 12	4.6	3.8	4.7	2.3	2.5	7.0	9.8	8.7	6.1	6.5	9.1	3.6	2.3	2.6	7.2	9.4	10.1	9.8	8.2	8.6	8.5	7.7	8.0	2.3	10.1	6.6																	
Feb 13	7.6	7.1	8.4	6.5	6.6	7.2	6.4	7.4	6.8	8.4	8.6	5.8	8.1	8.2	8.1	9.3	7.8	6.6	5.0	2.1	3.4	4.7	6.5	7.3	2.1	9.3	6.8																
Feb 14	7.1	6.5	7.2	7.6	8.8	9.4	9.3	9.2	7.9	5.7	8.7	8.4	7.1	6.8	7.1	10.4	7.2	5.6	5.4	3.3	2.4	3.2	3.3	2.4	2.4	10.4	6.7																
Feb 15	2.9	1.6	2.9	3.0	2.2	1.2	3.3	2.7	1.7	1.4	1.6	4.2	2.8	7.6	7.4	6.3	6.5	4.4	1.9	2.1	3.3	2.8	2.0	2.9	1.2	7.6	3.3																
Feb 16	2.7	3.0	4.9	3.7	5.6	7.7	7.1	4.9	5.9	5.6	7.8	2.4	0.6	2.1	6.1	5.3	3.2	5.2	6.5	7.4	8.5	6.7	7.1	7.1	0.6	8.5	5.3																
Feb 17	7.6	5.2	6.7	5.9	5.7	5.4	7.1	4.7	6.5	7.3	7.4	2.7	2.8	5.9	2.5	6.7	5.5	7.2	6.7	4.6	4.8	5.0	5.9	6.0	2.5	7.6	5.7																
Feb 18	5.2	5.4	5.5	6.2	7.4	5.9	6.2	7.0	7.1	6.2	7.1	7.1	6.4	6.9	8.9	10.8	9.5	9.3	6.5	7.9	8.5	7.3	7.0	7.0	5.2	10.8	7.2																
Feb 19	6.9	6.9	7.7	8.9	7.4	5.6	5.0	4.1	2.9	5.0	3.6	3.7	5.7	7.2	3.7	5.0	4.4	1.6	3.3	4.0	5.8	7.8	9.6	12.1	1.6	12.1	5.7																
Feb 20	12.6	14.6	11.5	12.2	12.6	12.5	12.6	15.5	15.6	14.7	14.0	11.7	10.9	11.3	14.4	17.0	12.6	9.6	7.7	7.8	6.1	9.8	7.7	4.7	4.7	17.0	11.7																
Feb 21	9.5	14.5	13.1	4.8	8.9	6.9	3.4	2.3	4.9	5.4	10.4	11.4	8.8	9.0	7.5	7.7	7.0	5.9	2.7	2.4	0.5	1.8	2.4	5.6	0.5	14.5	6.5																
Feb 22	4.3	5.0	4.7	5.1	5.2	10.7	7.6	6.7	9.3	15.4	16.9	16.1	17.2	17.3	14.0	14.2	14.8	10.5	7.8	10.8	15.7	5.7	4.2	6.6	4.2	17.3	10.2																
Feb 23	13.3	18.5	20.0	15.9	17.4	15.8	16.8	21.0	18.1	17.7	17.2	10.8	11.3	10.7	8.2	5.8	5.9	5.3	3.8	3.1	3.9	3.3	1.1	2.1	1.1	21.0	11.1																
Feb 24	3.1	0.9	0.2	2.2	4.7	5.7	4.8	8.5	4.7	10.0	11.6	11.5	12.9	12.7	11.9	13.3	11.6	9.7	8.3	8.0	5.5	5.3	2.6	2.3	0.2	13.3	7.2																
Feb 25	1.9	2.7	3.9	4.2	2.8	3.4	1.5	1.3	2.6	1.8	3.1	4.2	6.1	10.1	10.7	13.1	13.2	11.7	11.8	12.1	9.2	8.1	11.3	12.4	1.3	13.2	6.8																
Feb 26	13.1	11.8	11.3	15.4	14.1	10.4	9.9	6.7	7.9	9.3	11.1	13.3	14.6	13.2	11.9	13.8	12.1	13.6	10.6	7.7	11.3	9.7	13.3	12.7	6.7	15.4	11.6																
Feb 27	12.5	13.8	9.5	11.5	8.6	11.8	9.8	14.8	18.6	21.6	22.7	21.0	21.8	21.2	20.6	19.0	17.9	16.8	13.1	9.6	8.7	10.2	11.3	9.6	8.6	22.7	14.8																
Feb 28	7.1	12.2	8.8	6.4	6.7	4.1	2.1	3.8	5.7	5.0	8.4	7.5	11.3	13.6	15.6	11.6	11.3	9.9	6.3	5.3	4.7	5.2	5.4	3.8	2.1	15.6	7.6																
Diurnal Maximum	13.3	18.5	20.0	15.9	17.4	15.8	16.8	21.0	18.6	21.6	22.7	21.0	21.8	21.2	20.6	19.0	17.9	16.8	13.5	12.2	15.7	10.2	13.3	12.7																			
Diurnal Average	5.8	6.3	6.3	6.0	6.4	6.5	6.2	6.3	6.5	7.3	8.7	8.2	8.9	10.1	10.2	10.2	9.2	7.6	6.3	5.8	5.4	5.3	5.3	5.3																			
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance																				
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance										P	Power Failure									
X	InValid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																															
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																											

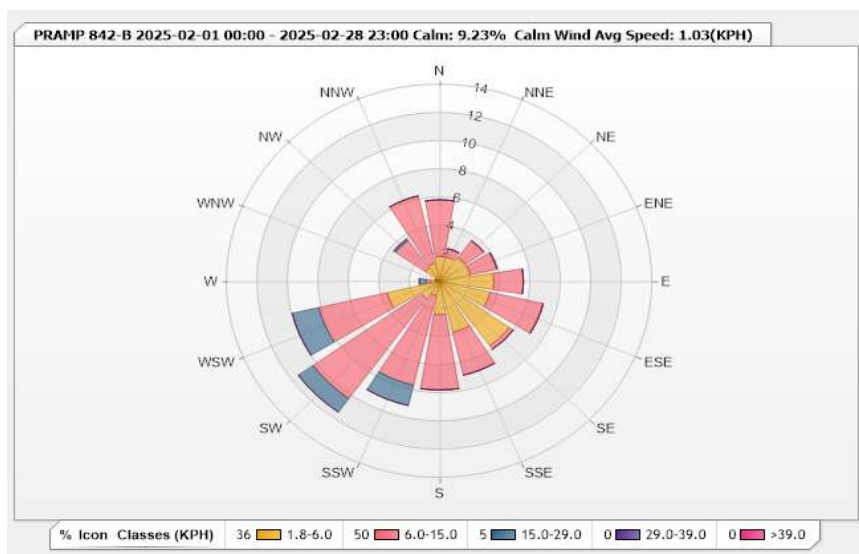


Station: PRAMP 842-B Monitor: WDS [KPH] Monthly: 02-2025

Type: Wind Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm (WS<1.8kph): 9.23% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	1.79	4.02	0	0	0	5.81
NNE	1.79	0.6	0	0	0	2.39
NE	2.08	1.49	0	0	0	3.57
ENE	2.08	1.79	0	0	0	3.87
E	3.57	1.93	0	0	0	5.5
ESE	3.42	3.57	0	0	0	6.99
SE	5.65	0.3	0	0	0	5.95
SSE	3.72	3.13	0	0	0	6.85
S	2.38	5.36	0	0	0	7.74
SSW	1.04	6.55	1.49	0	0	9.08
SW	1.49	8.78	1.19	0	0	11.46
WSW	3.57	4.61	1.79	0	0	9.97
W	0.6	0.3	0.45	0	0	1.35
WNW	0.15	0.15	0	0	0	0.3
NW	1.19	2.38	0.15	0	0	3.72
NNW	1.34	4.91	0	0	0	6.25
Summary	35.86	49.87	5.07	0	0	90.8



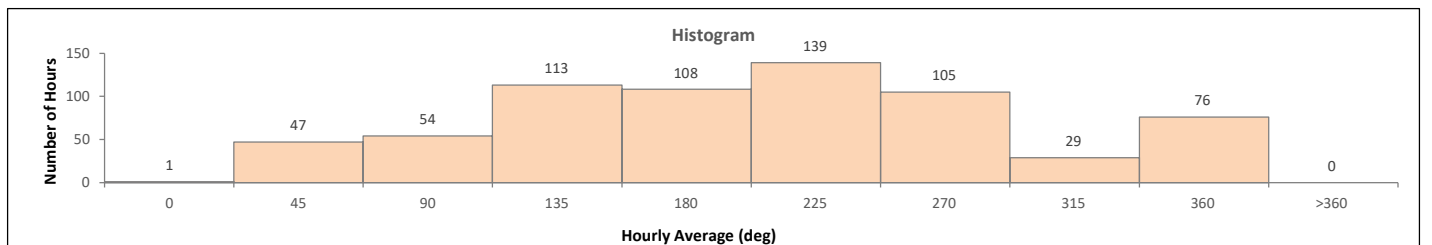
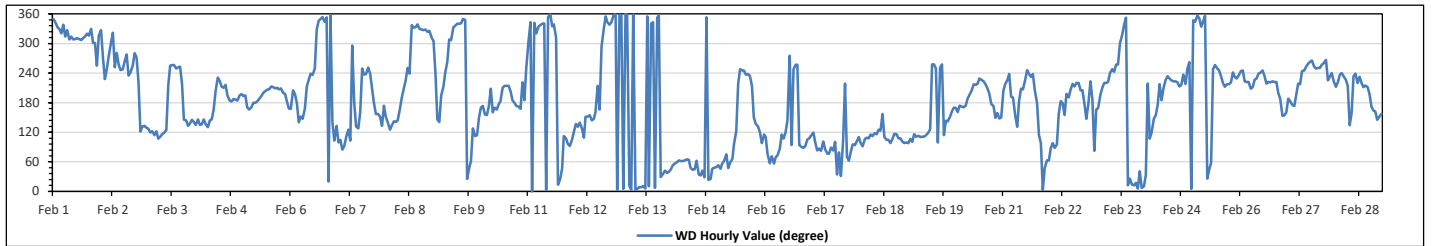
Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

WIND DIRECTION (VWD) in sector

Monthly Average:		212 (SSW) degree														Hours in Service:		672												
																Hours of Data:		672												
																Hours of Missing Data:		0												
																Hours of Calibration:		0												
																Operational Uptime:		100.0												
Day	Hourly Period Starting at (MST)																							Daily Average						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Degree	Quadrant				
Feb 1	N	NNW	NNW	NNW	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	WNW	WNW	WSW	NW	318	NW					
Feb 2	NW	W	SW	WSW	W	WNW	NW	WSW	W	WSW	WSW	WSW	W	W	SW	WSW	WSW	W	W	SW	ESE	SE	SE	SE	259	WSW				
Feb 3	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SE	SE	SE	SE	SE	204	SSW					
Feb 4	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSW	SW	SW	SSW	SSW	SW	SSW	S	S	S	S	S	SSW	SSW	187	S				
Feb 5	S	SSW	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	198	SSW				
Feb 6	SSE	SSW	SSW	S	SE	SSE	SE	SSE	SSW	SW	WSW	SW	WSW	NNW	NNW	N	N	NNW	N	NNE	N	SE	ESE	SE	299	WNW				
Feb 7	E	ESE	E	E	ESE	SE	ESE	WNW	S	SE	SE	WSW	SW	SW	WSW	WSW	SSW	S	SSE	SSE	SSE	SE	S	198	SSW					
Feb 8	SSE	SE	SE	SE	SE	SE	SE	SSE	S	SSW	SW	WSW	WSW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NW	NW	321	NW				
Feb 9	WNW	WSW	SE	SE	SSW	SSW	WSW	W	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNE	NE	ENE	SE	ESE	ESE	SSE	329	NNW				
Feb 10	SSE	S	SSE	SSE	S	SSW	SSE	SSE	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	SSE	SW	S	WSW	191	S				
Feb 11	WNW	NNW	N	NNW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	NNW	NW	NNE	NNE	NE	ESE	ESE	E	E	ESE	ESE	350	N				
Feb 12	SE	SE	SE	SE	ESE	SSE	SSE	SSE	SE	SE	SSE	SSW	SSE	WNW	NNW	N	NNW	NNW	NNW	N	N	N	N	N	34	NE				
Feb 13	N	N	N	NNE	N	N	N	N	N	N	NNE	N	N	N	NNW	NNW	N	N	N	NNE	NE	NE	NE	NE	6	N				
Feb 14	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	NE	NNE	NE	NNE	N	NNE	NNE	NE	NE	NE	49	NE				
Feb 15	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	E	ESE	SW	WSW	WSW	WSW	SW	SW	SW	SSW	SSE	SE	SE	ESE	E	ESE	186	S				
Feb 16	ESE	ENE	ENE	ENE	NE	ENE	ENE	E	ESE	ESE	ESE	SE	W	E	WSW	WSW	WSW	E	E	E	ESE	ESE	ESE	ESE	96	E				
Feb 17	ESE	E	E	E	E	E	E	ENE	ENE	E	E	E	NE	ENE	NNE	ESE	SW	ENE	ENE	E	E	E	E	ESE	89	E				
Feb 18	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	SSE	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	E	E	E	110	ESE				
Feb 19	E	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	WSW	WSW	WSW	E	WSW	WSW	ESE	SE	SE	SSE	SSE	SSE	136	SE				
Feb 20	SSE	SSE	S	S	S	S	S	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	SSE	SSE	SE	SSE	193	S				
Feb 21	SSW	SW	SW	SW	S	S	SSE	SE	S	SSW	SSW	SW	WSW	SW	SW	SW	SSW	S	ESE	E	N	NE	ENE	ENE	210	SSW				
Feb 22	E	E	E	E	SSE	S	S	SSE	SSW	S	SSW	SW	SSW	SW	SSW	SW	SSW	SSW	S	SE	S	SW	S	E	SSE	192	S			
Feb 23	SSE	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WNW	NW	NNW	N	NNE	NNE	NNE	NNE	NNE	N	NE	N	N	249	WSW				
Feb 24	NNE	SW	ESE	ESE	SE	SSE	S	SW	S	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	WSW	W	N	218	SW				
Feb 25	NNW	NNW	N	N	NNW	NNW	N	NNE	NE	ENE	WSW	WSW	WSW	WSW	SW	SW	SSW	SW	SW	WSW	SW	SW	SW	SW	238	SW				
Feb 26	WSW	WSW	SW	SW	SW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW	SSW	S	SSE	SSE	SSE	217	SW					
Feb 27	S	S	S	S	SSW	SW	SW	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	SW	WSW	SW	240	WSW				
Feb 28	SSW	SW	SW	WSW	SW	SW	SSW	SE	SSE	SW	WSW	SW	SW	SW	SSW	SSW	SSW	SSW	S	SSE	SSE	SE	SSE	SSE	208	SSW				
C	Monthly Calibration														S		Daily Zero-Span Check										Q		Quality Assurance	
K	Collection Error														ND		No Data (Machine Not in Service)										Y		Routine Maintenance	
X	Invalid Data (Machine Malfunction /Recovery)														NRM		UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P		Power Failure	
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																														
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																														



Peace River Area Monitoring Program

842-B Station - February 2025

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr & WIND DIRECTION (VWD) in sector

WIND SPEED																												
Maximum Hourly Value:				22.7 kph			on Feb 27 at hr 10										Hours in Service:				672							
Maximum Daily Value:				14.8 kph			on Feb 27										Hours of Data:				672							
Minimum Hourly Value:				0.2 kph			on Feb 24 at hr 2										Hours of Missing Data:				0							
Minimum Daily Value:				2.5 kph			on Feb 2										Hours of Calibration:				0							
Monthly Average:				2.4 kph													Operational Uptime:				100.0							
WIND DIRECTION																												
Monthly Average:				212 degree (SSW)																								
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average	
Feb 1	8.3	7.9	7.8	8.1	8.7	8.6	9.4	6.8	8.0	9.0	11.9	13.6	14.4	14.8	15.4	13.3	9.9	5.8	4.6	3.0	1.4	1.5	0.5	2.3	0.5	15.4	8.1	
	N	NNW	NNW	NNW	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	WNW	WNW	WSW	NW			318(NW)	
Feb 2	1.6	1.4	1.2	0.8	1.3	1.6	2.5	1.0	1.4	2.6	4.4	5.1	5.4	5.9	6.2	6.0	5.9	1.1	1.5	0.8	0.4	0.3	0.4	0.4	0.3	6.2	2.5	
	NW	W	SW	WSW	W	WNW	NW	WSW	W	WSW	WSW	WSW	W	W	SW	WSW	WSW	W	W	SW	ESE	SE	SE	SE			259(WSW)	
Feb 3	0.7	0.5	0.9	1.4	1.3	1.4	0.9	1.8	1.1	2.4	1.1	6.0	7.8	8.0	6.4	5.2	5.3	3.7	2.3	2.8	3.3	4.0	4.1	4.2	0.5	8.0	3.2	
	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SE	SE	SE	SE	SE	SE			204(SSW)	
Feb 4	4.5	4.6	3.7	3.5	4.0	4.7	4.4	3.7	4.3	6.3	8.2	7.6	9.1	11.7	9.4	9.6	10.3	9.2	8.8	7.3	6.7	9.4	10.0	9.6	3.5	11.7	7.1	
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSW	SW	SW	SSW	SSW	SW	SSW	SW	S	S	S	S	SSW	SSW			187(S)	
Feb 5	9.9	7.5	6.2	7.5	8.6	7.6	7.7	8.8	9.6	10.2	12.3	13.5	15.6	17.5	14.6	14.2	14.9	14.4	13.5	12.2	9.0	7.4	5.9	4.3	4.3	17.5	10.5	
	S	SSW	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE			198(SSW)	
Feb 6	3.3	3.5	4.9	4.5	3.5	4.0	4.2	4.2	4.1	4.1	5.0	6.1	5.6	9.3	12.6	11.1	8.4	7.5	4.9	6.3	1.0	0.6	0.6	0.8	0.6	12.6	5.0	
	SSE	SSW	SSW	S	SE	SSE	SE	SSE	SSW	SW	WSW	SW	WSW	NNW	NNW	N	NNW	N	NNE	N	SE	ESE	SE				299(WNW)	
Feb 7	0.8	1.5	2.7	2.7	3.0	0.3	0.9	1.1	0.3	0.4	0.9	1.4	4.8	6.5	6.4	6.1	5.1	2.8	3.4	3.0	2.4	1.1	1.9	1.8	0.3	6.5	2.6	
	E	ESE	E	E	ESE	SE	ESE	WNW	S	SE	SE	SSE	WSW	SW	SW	WSW	WSW	SSW	S	SSE	SSE	SSE	SE	S			198(SSW)	
Feb 8	1.9	3.4	3.1	3.3	2.9	3.1	3.1	2.7	4.7	4.6	5.0	3.3	0.7	8.2	13.2	11.0	11.1	11.1	12.0	11.1	8.8	9.6	8.2	4.4	0.7	13.2	6.3	
	SSE	SE	SE	SE	SE	SE	SSE	S	SSW	SW	WSW	WSW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NW	NW			321(NW)	
Feb 9	5.5	3.0	3.0	3.8	6.7	7.2	7.0	3.9	4.1	6.5	10.5	11.5	13.7	14.8	14.0	12.2	9.7	4.3	2.8	3.2	1.3	1.2	2.6	1.5	1.2	14.8	6.4	
	WNW	WSW	SE	SE	SSW	SSW	WSW	W	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNE	NE	ENE	SE	ESE	ESE	SSE			329(WNW)	
Feb 10	1.8	2.0	3.7	5.5	5.3	6.6	4.4	5.8	6.7	6.0	9.5	10.2	12.2	14.0	14.3	12.0	10.5	9.1	7.0	5.5	4.8	6.3	2.7	2.8	1.8	14.3	7.0	
	SSE	S	SSE	SSE	S	SSW	SSE	SSE	SSE	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	S	SSE	SW	S	WSW			191(S)	
Feb 11	3.1	7.0	9.3	5.6	6.2	5.7	6.0	6.0	5.5	4.1	4.8	5.1	8.8	7.0	7.1	6.8	6.4	2.0	0.5	0.6	1.9	1.6	2.4	2.9	0.5	9.3	4.9	
	WNW	NNW	N	NNW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	NNW	NW	NNE	NNE	NE	ESE	ESE	E	E	ESE	ESE			350(N)	
Feb 12	4.6	3.8	4.7	2.3	2.5	7.0	9.8	8.7	6.1	6.5	9.1	3.6	2.3	2.6	7.2	9.4	10.1	9.8	8.2	8.2	8.6	8.5	7.7	8.0	2.3	10.1	6.6	
	SE	SE	SE	SE	ESE	SSE	SSE	SE	SE	SSE	SSW	SSE	WNW	NNW	N	NNW	NNW	NNW	NNW	N	N	N	N	N			34(NE)	
Feb 13	7.6	7.1	8.4	6.5	6.6	7.2	6.4	7.4	6.8	8.4	8.6	5.8	8.1	8.2	8.1	9.3	7.8	6.6	5.0	2.1	3.4	4.7	6.5	7.3	2.1	9.3	6.8	
	N	N	N	NNE	N	N	N	N	N	N	NNE	N	N	NNW	NNW	N	N	NNW	NNW	N	NNE	NE	NE	NE	NE			6(N)
Feb 14	7.1	6.5	7.2	7.6	8.8	9.4	9.3	9.2	7.9	5.7	8.7	8.4	7.1	6.8	7.1	10.4	7.2	5.6	5.4	3.3	2.4	3.2	3.3	2.4	2.4	10.4	6.7	
	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	NE	NNE	NE	NNE	N	NNE	NNE	NE	NE	NE	NE			49(NE)
Feb 15	2.9	1.6	2.9	3.0	2.2	1.2	3.3	2.7	1.7	1.4	1.6	4.2	2.8	7.6	7.4	6.3	6.5	4.4	1.9	2.1	3.3	2.8	2.0	2.9	1.2	7.6	3.3	
	NE	NE	NE	ENE	ENE	NE	ENE	ENE	E	ESE	SW	WSW	WSW	WSW	SW	SW	SW	SSW	SSE	SE	SE	ESE	E	ESE			186(S)	
Feb 16	2.7	3.0	4.9	3.7	5.6	7.7	7.1	4.9	5.9	5.6	7.8	2.4	0.6	2.1	6.1	5.3	3.2	5.2	6.5	7.4	8.5	6.7	7.1	7.1	0.6	8.5	5.3	
	ESE	ENE	ENE	ENE	NE	ENE	ENE	E	ESE	ESE	ESE	SE	W	E	WSW	WSW	WSW	E	E	E	E	ESE	ESE	ESE			96(E)	
Feb 17	7.6	5.2	6.7	5.9	5.7	5.4	7.1	4.7	6.5	7.3	7.4	2.7	2.8	5.9	2.5	6.7	5.5	7.2	6.7	4.6	4.8	5.0	5.9	6.0	2.5	7.6	5.7	
	ESE	E	E	E	E	E	ENE	ENE	E	E	NE	ENE	NNE	ESE	SW	ENE	ENE	E	E	E	E	E	ESE	ESE			89(E)	
Feb 18	5.2	5.4	5.5	6.2	7.4	5.9	6.2	7.0	7.1	6.2	7.1	7.1	6.4	6.9	8.9	10.8	9.5	9.3	6.5	7.9	8.5	7.3	7.0	7.0	5.2	10.8	7.2	
	E	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	SSE	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E			110(ESE)	
Feb 19	6.9	6.9	7.7	8.9	7.4	5.6	5.0	4.1	2.9	5.0	3.6	3.7	5.7	7.2	3.7	5.0	4.4	1.6	3.3	4.0	5.8	7.8	9.6	12.1	1.6	12.1	5.7	
	E	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	WSW	WSW	WSW	E	WSW	WSW	ESE	SE	SE	SSE	SSE	SSE				136(SE)	
Feb 20	12.6	14.6	11.5	12.2	12.6	12.5	12.6	15.5	15.6	14.7	14.0	11.7	10.9	11.3	14.4	17.0	12.6	9.6	7.7	7.8	6.1	9.8	7.7	4.7	4.7	17.0	11.7	
	SSE	SSE	S	S	S	S	S	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	SSE	SSE	SE	SSE				193(S)
Feb 21	9.5	14.5	13.1	4.8	8.9	6.9	3.4	2.3	4.9	5.4	10.4	11.4	8.8	9.0	7.5	7.7	7.0	5.9	2.7	2.4	0.5	1.8	2.4	5.6	0.5	14.5	6.5	
	SSW	SW	SW	SW	S	S	SSE	SE	S	SSW	SSW	SW	WSW	SW	SW	SW	SSW	S	ESE	E	N	NE	ENE	ENE				210(SSW)
Feb 22	4.3	5.0	4.7	5.1	5.2	10.7	7.6	6.7	9.3	15.4	16.9	16.1	17.2	17.3	14.0	14.2	14.8	10.5	7.8	10.8	15.7	5.7	4.2	6.6	4.2	17.3	10.2	
	E	E	E	E	SSE	S	S	SSE	SSW	S	SSW	SW	SSW	SW	SW	SSW	SSW	S	SE	S	SW	S	E	SSE			192(S)	
Feb 23	13.3	18.5	20.0	15.9	17.4	15.8	16.8	21.0	18.1	17.7	17.2	10.8	11.3	10.7	8.2	5.8	5.9	5.3	3.8	3.1	3.9	3.3	1.1	2.1	1.1	21.0	11.1	
	SSE	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WNW	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	N	NE	N	N				249(WSW)
Feb 24	3.1	0.9	0.2	2.2	4.7	5.7	4.8	8.5	4.7	10.0	11.6	11.5	12.9	12.7	11.9	13.3	11.6	9.7	8.3	8.0	5.5	5.3	2.6	2.3	0.2	13.3	7.2	
	NNE	SW	ESE	ESE	SE	SSE	S	SW	S	SSW	SW	SW	SW	SW	SW	SW	SSW	SW	SW	SSW	SW	WSW	W	N				218(SW)
Feb 25	1.9	2.7	3.9	4.2	2.8	3.4	1.5	1.3	2.6	1.8	3.1	4.2	6.1	10.1	10.7	13.1	13.2	11.7	11.8	12.1	9.2	8.1	11.3	12.4	1.3	13.2	6.8	
	NNW	NNW	N	N	NNW	NNW	N	NNE	NE	ENE	WSW	WSW	WSW	WSW	SW	SW	SSW	SW	SW	SW	WSW	SW	SW	SW				238(SW)
Feb 26	13.1	11.8	11.3	15.4	14.1	10.4	9.9	6.7	7.9	9.3	11.1	13.3	14.6	13.2	11.9	13.8	12.1	13.6	10.6	7.7	11.3	9.7	13.3	12.7	6.7	15.4	11.6	
	WSW	WSW	SW	SW	SW	SSW	SSW	SW	SW	WSW	WSW	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	S	SSE	SSE				217(SW)
Feb 27	12.5	13.8	9.5	11.5	8.6	11.8	9.8	14.8	18.6	21.6	22.7	21.0	21.8	21.2	20.6	19.0	17.9	16.8	13.1	9.6	8.7	10.2	11.3	9.6	8.6	22.7	14.8	
	S	S	S	S	SSW	SW	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	SW	WSW	SW				240(WSW)
Feb 28	7.1	12.2	8.8	6.4	6.7	4.1	2.1	3.8	5.7	5.0	8.4	7.5	11.3	13.6	15.6	11.6	11.3	9.9	6.3	5.3	4.7	5.2	5.4	3.8	2.1	15.6	7.6	
	SSW	SW	SW	WSW	SW	SW	SSW	SE	SSE	SW	SW	WSW	SW	SW	SSW	SSW	SSW	S	SSE	SSE	SE	SSE	SSE				208(SSW)	
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance											
K	Collection Error							ND	No Data (Machine Not in Service)							Y												

RENO -B STATION

SULPHUR DIOXIDE (SO₂) in ppb

Histogram

Number of Hours

Hourly Average (ppb)

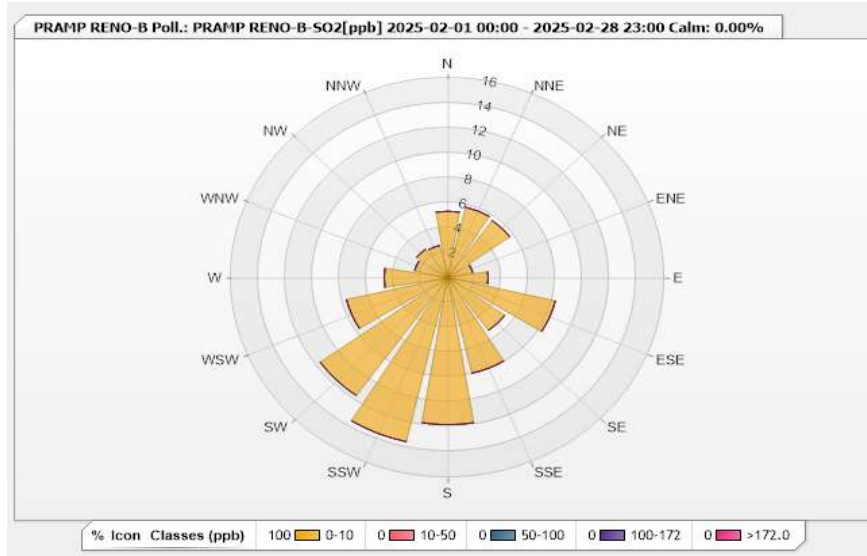
Hourly Average (ppb)	Number of Hours
0-10	638
10-20	0
20-30	0
30-40	0
40-50	0
50-60	0
60-70	0
70-80	0
80-90	0
>90	0

Station: PRAMP RENO-B Poll.: PRAMP RENO-B-SO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.94% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	5.33	0	0	0	0	5.33
NNE	5.8	0	0	0	0	5.8
NE	5.64	0	0	0	0	5.64
ENE	1.88	0	0	0	0	1.88
E	2.98	0	0	0	0	2.98
ESE	8.15	0	0	0	0	8.15
SE	5.17	0	0	0	0	5.17
SSE	7.84	0	0	0	0	7.84
S	11.76	0	0	0	0	11.76
SSW	13.48	0	0	0	0	13.48
SW	11.6	0	0	0	0	11.6
WSW	7.68	0	0	0	0	7.68
W	4.7	0	0	0	0	4.7
WNW	2.51	0	0	0	0	2.51
NW	2.82	0	0	0	0	2.82
NNW	2.66	0	0	0	0	2.66
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - February 2025

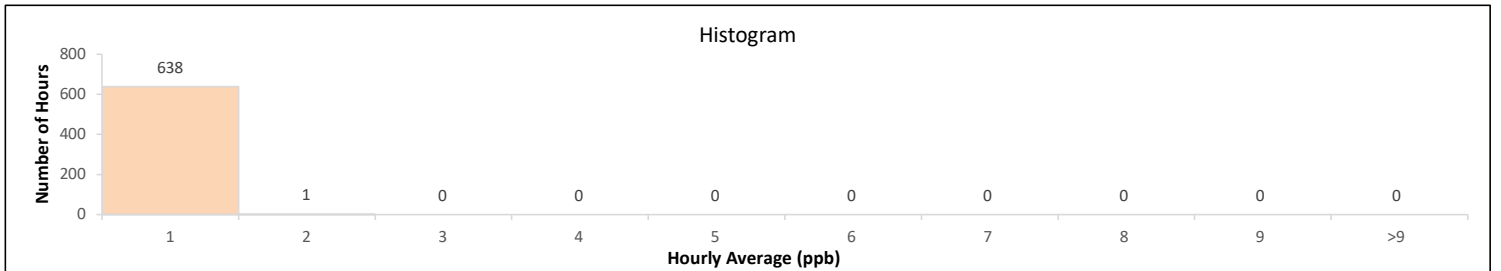
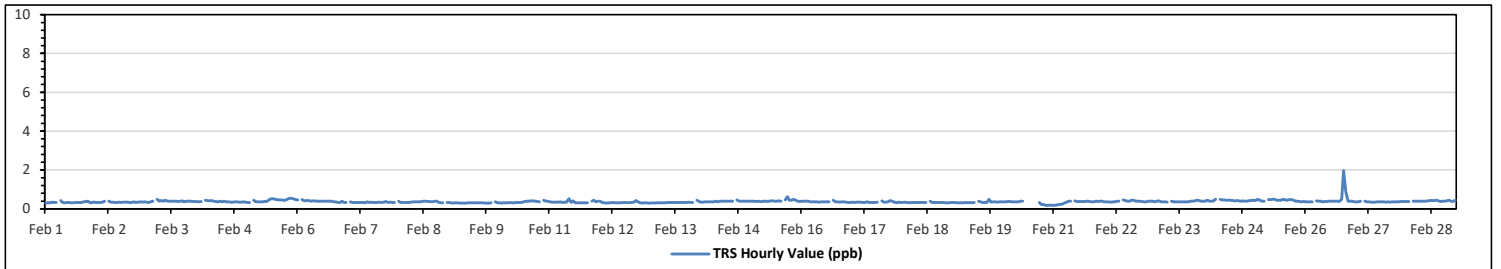
Summary of Hourly Averages

TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1.96	ppb	on Feb 26 at hr 18	Hours in Service:	672																									
Maximum Daily Value:	0.47	ppb	on Feb 26	Hours of Data:	639																									
Minimum Hourly Value:	0.17	ppb	on Feb 20 at hr 21	Hours of Missing Data:	0																									
Minimum Daily Value:	0.30	ppb	on Feb 9	Hours of Calibration:	33																									
Monthly Average:	0.37	ppb		Operational Uptime:	100.0																									
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	0.29	0.3	0.3	0.34	0.33	0.32	S	0.42	0.33	0.31	0.32	0.32	0.31	0.31	0.32	0.33	0.32	0.33	0.36	0.37	0.39	0.31	0.33	0.34	0.29	0.42	0.33			
Feb 2	0.32	0.32	0.32	0.34	0.39	S	0.4	0.34	0.34	0.33	0.33	0.34	0.32	0.34	0.34	0.34	0.33	0.33	0.35	0.33	0.34	0.35	0.34	0.35	0.32	0.40	0.34			
Feb 3	0.34	0.33	0.36	0.38	S	0.48	0.4	0.42	0.39	0.45	0.39	0.39	0.39	0.38	0.38	0.37	0.38	0.41	0.36	0.39	0.38	0.38	0.37	0.37	0.33	0.48	0.39			
Feb 4	0.37	0.36	0.37	S	0.44	0.42	0.41	0.42	0.38	0.37	0.36	0.39	0.36	0.38	0.35	0.36	0.34	0.34	0.36	0.36	0.34	0.34	0.35	0.34	0.34	0.44	0.37			
Feb 5	0.33	0.33	S	0.44	0.35	0.35	0.35	0.36	0.37	0.37	0.43	0.51	0.52	0.48	0.47	0.46	0.46	0.45	0.45	0.49	0.53	0.54	0.51	0.47	0.33	0.54	0.44			
Feb 6	0.46	S	0.47	0.41	0.42	0.42	0.4	0.41	0.41	0.4	0.4	0.39	0.4	0.39	0.39	0.39	0.38	0.36	0.35	0.33	0.33	0.39	0.33	0.32	0.32	0.47	0.39			
Feb 7	S	0.36	0.33	0.33	0.33	0.32	0.33	0.33	0.32	0.31	0.35	0.33	0.34	0.33	0.33	0.32	0.34	0.33	0.34	0.37	0.33	0.34	0.33	0.32	S	0.31	0.37			
Feb 8	0.38	0.33	0.32	0.33	0.33	0.32	0.34	0.35	0.35	0.35	0.36	0.37	0.38	0.38	0.37	0.37	0.36	0.38	0.4	0.34	0.31	0.3	S	0.33	0.30	0.40	0.35			
Feb 9	0.32	0.31	0.29	0.31	0.3	0.29	0.29	0.29	0.29	0.3	0.3	0.3	0.31	0.3	0.31	0.31	0.29	0.29	0.29	0.29	0.3	S	0.36	0.31	0.29	0.36	0.30			
Feb 10	0.31	0.29	0.3	0.31	0.31	0.32	0.31	0.3	0.32	0.33	0.33	0.34	0.37	0.39	0.4	0.41	0.41	0.39	0.37	0.36	S	0.44	0.38	0.38	0.29	0.44	0.35			
Feb 11	0.36	0.34	0.34	0.34	0.34	0.35	0.33	0.34	0.34	0.52	0.33	0.41	0.31	0.31	0.31	0.31	0.31	0.31	0.31	S	0.4	0.43	0.36	0.38	0.31	0.52	0.35			
Feb 12	0.38	0.32	0.3	0.29	0.3	0.3	0.32	0.31	0.31	0.3	0.3	0.32	0.32	0.31	0.32	0.33	0.34	0.42	0.36	0.31	0.29	0.3	0.3	0.29	0.29	0.42	0.32			
Feb 13	0.29	0.3	0.29	0.3	0.3	0.31	0.31	0.31	0.31	0.32	0.33	0.32	0.33	0.32	0.33	0.32	0.32	0.33	0.34	0.33	0.33	S	0.45	0.37	0.29	0.45	0.32			
Feb 14	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.38	0.36	0.38	0.39	0.4	0.4	0.38	0.38	0.38	S	0.46	0.39	0.39	0.39	0.38	0.38	0.38	0.34	0.46	0.38			
Feb 15	0.38	0.38	0.37	0.39	0.37	0.37	0.38	0.38	0.37	0.41	0.41	0.4	0.39	0.41	0.39	S	0.46	0.62	0.43	0.44	0.49	0.45	0.38	0.37	0.37	0.62	0.41			
Feb 16	0.39	0.4	0.39	0.38	0.36	0.36	0.36	0.35	0.34	0.35	0.35	0.35	0.35	0.35	S	0.43	0.36	0.35	0.34	0.35	0.35	0.34	0.33	0.33	0.33	0.43	0.36			
Feb 17	0.34	0.33	0.34	0.34	0.34	0.32	0.32	0.35	0.32	0.33	0.33	0.33	0.34	S	0.41	0.34	0.34	0.36	0.42	0.39	0.34	0.31	0.34	0.33	0.31	0.42	0.34			
Feb 18	0.32	0.34	0.32	0.31	0.33	0.32	0.33	0.32	0.32	0.32	0.32	0.32	S	0.39	0.33	0.32	0.33	0.32	0.32	0.32	0.32	0.31	0.31	0.32	0.31	0.39	0.32			
Feb 19	0.32	0.33	0.31	0.3	0.31	0.31	0.32	0.31	0.32	0.31	0.32	S	0.39	0.35	0.33	0.33	0.32	0.49	0.34	0.35	0.35	0.34	0.35	0.35	0.30	0.49	0.34			
Feb 20	0.35	0.36	0.37	0.37	0.35	0.35	0.35	0.36	0.39	0.4	S	0.43	C	C	C	C	C	0.32	0.2	0.23	0.18	0.17	0.19	0.17	0.17	0.43	0.31			
Feb 21	0.17	0.19	0.21	0.23	0.24	0.29	0.34	0.38	0.4	S	0.41	0.37	0.37	0.37	0.37	0.37	0.39	0.37	0.36	0.36	0.38	0.37	0.38	0.38	0.17	0.41	0.33			
Feb 22	0.36	0.36	0.35	0.34	0.35	0.36	0.38	0.38	S	0.46	0.42	0.4	0.4	0.44	0.43	0.38	0.4	0.4	0.37	0.36	0.35	0.39	0.4	0.38	0.34	0.46	0.39			
Feb 23	0.36	0.39	0.41	0.36	0.35	0.35	0.34	S	0.38	0.36	0.36	0.35	0.35	0.35	0.35	0.35	0.36	0.38	0.4	0.41	0.44	0.42	0.4	0.38	0.34	0.44	0.37			
Feb 24	0.4	0.44	0.4	0.39	0.41	0.49	S	0.48	0.46	0.46	0.43	0.45	0.43	0.42	0.41	0.42	0.41	0.4	0.41	0.39	0.39	0.42	0.42	0.43	0.39	0.49	0.42			
Feb 25	0.42	0.48	0.45	0.4	0.39	S	0.47	0.47	0.48	0.49	0.43	0.44	0.45	0.49	0.46	0.45	0.47	0.47	0.44	0.4	0.38	0.37	0.36	0.37	0.36	0.49	0.44			
Feb 26	0.36	0.36	0.36	0.35	S	0.41	0.38	0.38	0.36	0.37	0.37	0.38	0.39	0.38	0.39	0.38	0.37	0.48	1.96	0.87	0.4	0.4	0.38	0.35	0.35	1.96	0.47			
Feb 27	0.35	0.36	0.39	S	0.4	0.36	0.36	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.34	0.35	0.34	0.36	0.35	0.36	0.36	0.37	0.37	0.37	0.34	0.40	0.36			
Feb 28	0.37	0.37	S	0.4	0.39	0.38	0.38	0.38	0.38	0.4	0.41	0.42	0.42	0.42	0.43	0.41	0.37	0.38	0.4	0.41	0.44	0.39	0.37	0.43	0.37	0.44	0.40			
Diurnal Maximum	0.46	0.48	0.47	0.44	0.44	0.49	0.47	0.48	0.48	0.52	0.43	0.51	0.52	0.49	0.47	0.46	0.47	0.62	1.96	0.87	0.53	0.54	0.51	0.47						
Diurnal Average	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.36	0.38	0.37	0.37	0.37	0.37	0.37	0.39	0.42	0.38	0.36	0.37	0.36	0.36						
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance															
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure								
X	Invalid Data (Equipment Malfunction/Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																						
Daily Average is shown ¹⁻² if minimum data completeness criteria of 75% or 18 hours per day is not met.																														
Monthly Average is shown ¹⁻⁶ if minimum data completeness criteria of 75% of days per month is not met.																														

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program
Reno-B Station - February 2025
Summary of 30-Minute Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Alberta Ambient Air Quality Guideline (AAAQG) for TRS: 30-minute 5 ppb

Number of 30-Minute Exceedances: 0

Maximum 30-Minute Value:	2.08	ppb	on Feb 26 at 18:30	# of Instrument in Service	1344
Maximum Daily Value:	0.47	ppb	on Feb 26	# of Valid Measurements	1279
Minimum 30-Minute Value:	0.00	ppb	Feb 29 at 20:30	# of Missing Measurements:	0
Minimum Daily Value:	0.00	ppb	on Feb 29	# of Calibration:	65
Monthly Average:	0.37	ppb		Operational Uptime:	100.0

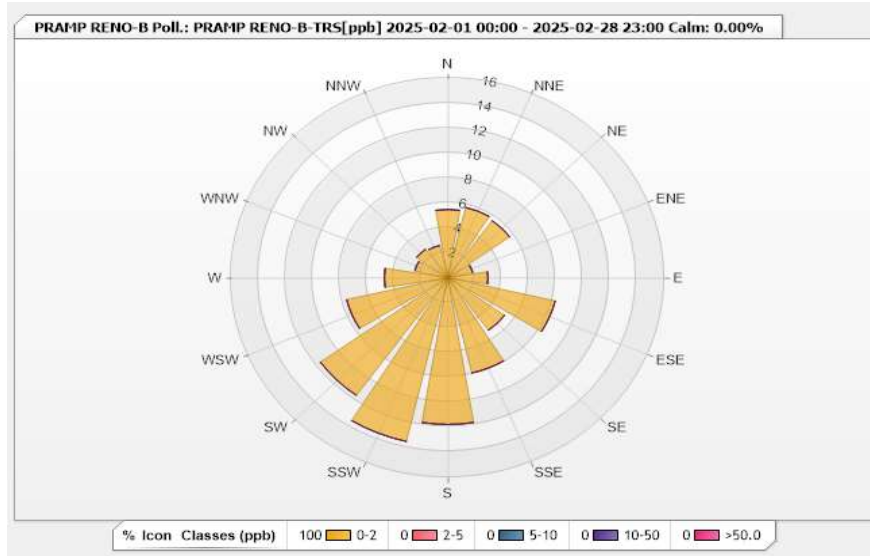
Day	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Diurnal Maximum	Diurnal Average
00:00	0.29	0.31	0.36	0.36	0.33	0.48	S	0.4	0.32	0.31	0.38	0.4	0.29	0.34	0.37	0.39	0.35	0.31	0.32	0.36	0.17	0.36	0.36	0.38	0.42	0.37	0.34	0.37	0.48	0.35
00:30	0.3	0.33	0.33	0.38	0.33	0.44	S	0.36	0.32	0.31	0.34	0.35	0.3	0.35	0.38	0.4	0.32	0.33	0.33	0.35	0.18	0.35	0.36	0.42	0.42	0.36	0.37	0.37	0.43	0.32
01:00	0.3	0.32	0.33	0.37	0.33	S	0.39	0.33	0.31	0.29	0.35	0.33	0.3	0.35	0.38	0.4	0.33	0.34	0.33	0.36	0.18	0.36	0.41	0.46	0.44	0.36	0.37	0.37	0.46	0.35
01:30	0.3	0.32	0.33	0.36	0.34	S	0.33	0.33	0.31	0.29	0.34	0.31	0.3	0.34	0.37	0.4	0.33	0.34	0.32	0.36	0.2	0.35	0.38	0.42	0.52	0.36	0.36	0.36	0.52	0.34
02:00	0.29	0.32	0.36	0.37	S	0.51	0.33	0.32	0.29	0.29	0.34	0.31	0.3	0.34	0.38	0.38	0.33	0.32	0.3	0.37	0.2	0.35	0.41	0.4	0.47	0.36	0.37	S	0.51	0.35
02:30	0.31	0.33	0.37	0.37	S	0.43	0.32	0.33	0.29	0.3	0.34	0.29	0.29	0.35	0.37	0.4	0.35	0.32	0.32	0.37	0.21	0.34	0.4	0.39	0.44	0.36	0.41	S	0.44	0.35
03:00	0.35	0.34	0.4	S	0.48	0.42	0.33	0.33	0.31	0.3	0.33	0.29	0.31	0.35	0.39	0.39	0.34	0.31	0.31	0.37	0.22	0.34	0.36	0.39	0.41	0.36	S	0.42	0.48	0.35
03:30	0.33	0.34	0.37	S	0.4	0.41	0.32	0.33	0.3	0.31	0.35	0.3	0.29	0.36	0.38	0.38	0.33	0.31	0.3	0.37	0.24	0.35	0.36	0.39	0.4	0.34	S	0.39	0.41	0.34
04:00	0.33	0.39	S	0.48	0.35	0.42	0.32	0.34	0.3	0.3	0.33	0.3	0.3	0.36	0.37	0.36	0.34	0.33	0.31	0.35	0.24	0.35	0.36	0.39	0.38	S	0.41	0.39	0.48	0.35
04:30	0.33	0.39	S	0.4	0.35	0.42	0.31	0.32	0.3	0.31	0.34	0.3	0.3	0.34	0.37	0.35	0.34	0.32	0.31	0.35	0.24	0.35	0.35	0.42	0.4	S	0.39	0.39	0.42	0.35
05:00	0.32	S	0.49	0.42	0.35	0.43	0.34	0.34	0.28	0.31	0.35	0.29	0.31	0.36	0.37	0.37	0.31	0.32	0.31	0.35	0.28	0.36	0.36	0.53	S	0.43	0.37	0.39	0.53	0.36
05:30	0.32	S	0.47	0.43	0.35	0.42	0.32	0.31	0.29	0.33	0.36	0.3	0.31	0.36	0.37	0.36	0.33	0.33	0.31	0.35	0.3	0.36	0.34	0.45	S	0.4	0.35	0.38	0.47	0.35
06:00	S	0.44	0.4	0.41	0.35	0.41	0.34	0.33	0.29	0.32	0.32	0.3	0.31	0.35	0.37	0.36	0.32	0.33	0.31	0.34	0.34	0.39	0.35	S	0.5	0.38	0.38	0.38	0.50	0.36
06:30	S	0.36	0.4	0.41	0.35	0.39	0.32	0.35	0.3	0.31	0.33	0.33	0.32	0.37	0.39	0.35	0.33	0.32	0.32	0.35	0.35	0.38	0.34	S	0.44	0.37	0.35	0.38	0.44	0.35
07:00	0.46	0.35	0.41	0.41	0.35	0.41	0.33	0.35	0.29	0.31	0.35	0.31	0.32	0.4	0.39	0.35	0.35	0.33	0.31	0.35	0.36	0.37	S	0.51	0.46	0.37	0.34	0.37	0.51	0.37
07:30	0.38	0.33	0.43	0.42	0.37	0.41	0.32	0.36	0.29	0.3	0.34	0.31	0.31	0.37	0.38	0.34	0.35	0.32	0.3	0.37	0.39	0.4	S	0.45	0.48	0.39	0.35	0.38	0.48	0.36
08:00	0.33	0.33	0.39	0.38	0.37	0.41	0.31	0.35	0.3	0.32	0.34	0.3	0.31	0.35	0.38	0.34	0.32	0.32	0.31	0.39	0.4	S	0.39	0.47	0.45	0.36	0.34	0.37	0.47	0.36
08:30	0.34	0.34	0.4	0.38	0.36	0.42	0.31	0.35	0.29	0.32	0.34	0.31	0.33	0.37	0.36	0.34	0.32	0.32	0.3	0.4	0.4	S	0.37	0.44	0.52	0.37	0.34	0.38	0.52	0.36
09:00	0.32	0.34	0.44	0.37	0.37	0.4	0.37	0.35	0.3	0.32	0.59	0.3	0.33	0.38	0.41	0.36	0.34	0.32	0.31	0.41	S	0.48	0.37	0.45	0.52	0.36	0.35	0.39	0.59	0.38
09:30	0.31	0.33	0.45	0.37	0.38	0.4	0.33	0.35	0.29	0.33	0.45	0.3	0.33	0.39	0.41	0.34	0.33	0.32	0.32	0.4	S	0.44	0.36	0.46	0.45	0.37	0.33	0.41	0.46	0.37
10:00	0.32	0.33	0.39	0.35	0.38	0.4	0.33	0.36	0.29	0.34	0.33	0.3	0.32	0.39	0.41	0.35	0.33	0.33	0.32	S	0.43	0.43	0.36	0.43	0.44	0.37	0.35	0.4	0.44	0.36
10:30	0.32	0.34	0.39	0.37	0.47	0.4	0.33	0.37	0.3	0.33	0.33	0.3	0.32	0.4	0.34	0.34	0.32	0.32	S	0.39	0.41	0.35	0.43	0.43	0.37	0.35	0.42	0.47	0.38	0.35
11:00	0.31	0.33	0.39	0.38	0.49	0.39	0.34	0.37	0.3	0.34	0.49	0.32	0.33	0.4	0.34	0.34	0.32	S	0.47	0.38	0.41	0.34	0.45	0.44	0.36	0.34	0.42	0.49	0.38	0.35
11:30	0.32	0.34	0.38	0.38	0.52	0.4	0.34	0.37	0.29	0.35	0.33	0.32	0.32	0.4	0.39	0.35	0.32	0.33	S	0.39	0.36	0.4	0.36	0.44	0.44	0.4	0.37	0.42	0.52	0.37
12:00	0.31	0.33	0.39	0.36	0.52	0.4	0.33	0.39	0.31	0.37	0.32	0.31	0.32	0.4	0.39	0.35	0.34	S	0.43	0.37	0.37	0.4	0.35	0.44	0.44	0.4	0.35	0.42	0.52	0.37
12:30	0.31	0.32	0.38	0.36	0.51	0.4	0.33	0.38	0.3	0.38	0.31	0.33	0.32	0.4	0.39	0.35	0.33	S	0.35	C	0.38	0.4	0.34	0.42	0.45	0.37	0.35	0.41	0.51	0.37
13:00	0.32	0.35	0.38	0.37	0.48	0.4	0.33	0.38	0.31	0.39	0.31	0.32	0.33	0.39	0.41	0.35	S	0.42	0.35	C	0.37	0.43	0.36	0.41	0.48	0.39	0.35	0.42	0.48	0.38
13:30	0.31	0.33	0.38	0.38	0.48	0.39	0.33	0.39	0.3	0.39	0.31	0.31	0.33	0.37	0.41	0.35	S	0.37	0.35	C	0.38	0.44	0.35	0.42	0.49	0.37	0.34	0.42	0.49	0.37
14:00	0.33	0.33	0.38	0.35	0.48	0.4	0.32	0.37	0.3	0.4	0.31	0.32	0.31	0.38	0.39	S	0.45	0.33	0.33	C	0.37	0.45	0.35	0.4	0.46	0.37	0.35	0.42	0.48	0.37
14:30	0.31	0.34	0.38	0.34	0.46	0.38	0.33	0.37	0.31	0.4	0.31	0.32	0.32	0.38	0.39	S	0.37	0.34	0.33	C	0.37	0.42	0.35	0.42	0.46	0.4	0.33	0.43	0.46	0.37
15:00	0.33	0.34	0.37	0.36	0.46	0.38	0.34	0.38	0.31	0.41	0.32	0.33	0.32	0.38	S	0.46	0.34	0.32	0.33	C	0.37	0.38	0.35	0.41	0.45	0.38	0.35	0.42	0.46	0.37
15:30	0.32	0.34	0.37	0.36	0.46	0.39	0.34	0.36	0.31	0.41	0.3	0.34	0.31	0.38	S	0.39	0.34	0.32	0.34	C	0.38	0.39	0.35	0.42	0.46	0.39	0.36	0.4	0.46	0.37
16:00	0.32	0.32	0.37	0.35	0.45	0.39	0.34	0.35	0.31	0.41	0.31	0.32	0.32	S	0.5	0.37	0.34	0.33	0.32	C	0.38	0.4	0.35	0.41	0.47	0.37	0.35	0.38	0.50	0.37
16:30	0.32	0.33	0.39	0.34	0.46	0.36	0.33	0.37	0.31	0.4	0.31	0.36	0.31	S	0.42	0.35	0.34	0.33	0.33	C	0.39	0.4	0.37	0.41	0.46	0.38	0.34	0.37	0.46	0.36
17:00	0.32	0.33	0.39	0.34	0.45	0.36	0.33	0.37	0.3	0.4	0.3	0.41	0.34	0.49	0.4	0.36	0.35	0.32	0.35	0.38	0.37	0.4	0.38	0.4	0.47	0.37	0.35	0.38	0.49	0.37
17:30	0.33	0.33	0.44	0.34	0.44	0.37	0.34	0.38	0.28	0.37	0.32	0.43	0.33	0.42	0.85	0.35	0.37	0.32	0.62	0.25	0.37	0.39	0.39	0.41	0.47	0.58	0.36	0.38	0.85	0.40
18:00	0.37	0.34	0.35	0.36	0.44	0.37	0.37	0.4	0.29	0.37	0.3	0.38	0.34	0.39	0.45	0.34	0.42	0.32	0.36	0.21	0.36	0.38	0.41	0.39	0.46	1.83	0.35	0.39	1.83	0.42
18:30	0.35	0.36	0.37	0.35	0.45	0.33	0.37	0.39	0.29	0.38	0.31	0.33	0.34	0.38	0.4	0.34	0.42	0.31	0.33	0.2	0.36	0.37	0.4	0.42	0.42	2.08	0.35	0.41	2.08	0.42
19:00	0.38	0.33	0.38	0.36	0.44	0.33	0.33	0.36	0.29	0.36	S	0.31	0.33	0.39	0.41	0.34	0.42	0.32	0.33	0.24	0.35	0.37	0.4	0.38	0.4	1.2	0.35	0.4	1.20	0.39
19:30	0.35	0.32	0.39	0.36	0.54	0.32	0.32	0.32	0.29	0.36	S	0.31	0.34	0.39	0.47	0.35	0.36	0.32	0.37	0.23	0.37	0.35	0.42	0.39	0.39	0.54	0.37	0.42	0.54	0.37
20:00	0.43	0.34	0.36	0.34	0.53	0.33	0.33	0.31	0.29	S	0.42	0.29	0.34	0.39	0.45	0.35	0.34	0.31	0.36	0.19	0.38	0.34	0.42							

Station: PRAMP RENO-B Poll.: PRAMP RENO-B-TRS[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	5.48	0	0	0	0	5.48
NNE	5.79	0	0	0	0	5.79
NE	5.63	0	0	0	0	5.63
ENE	1.88	0	0	0	0	1.88
E	2.97	0	0	0	0	2.97
ESE	8.14	0	0	0	0	8.14
SE	5.16	0	0	0	0	5.16
SSE	7.82	0	0	0	0	7.82
S	11.74	0	0	0	0	11.74
SSW	13.46	0	0	0	0	13.46
SW	11.58	0	0	0	0	11.58
WSW	7.67	0	0	0	0	7.67
W	4.69	0	0	0	0	4.69
WNW	2.5	0	0	0	0	2.5
NW	2.82	0	0	0	0	2.82
NNW	2.66	0	0	0	0	2.66
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

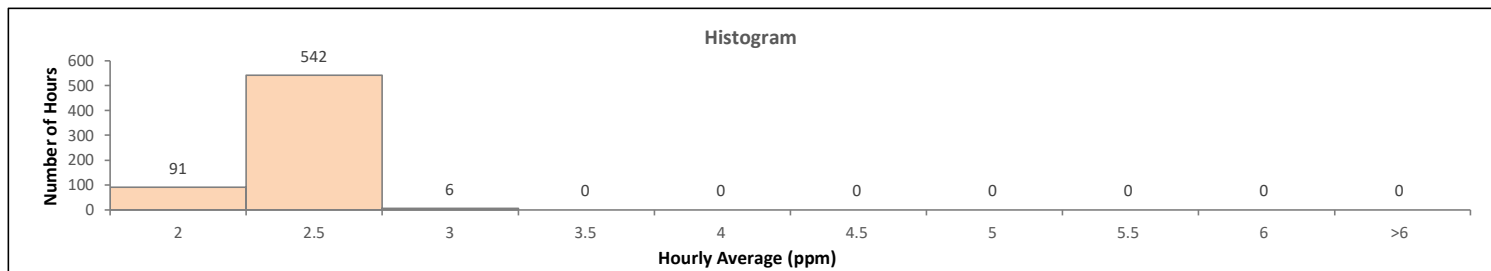
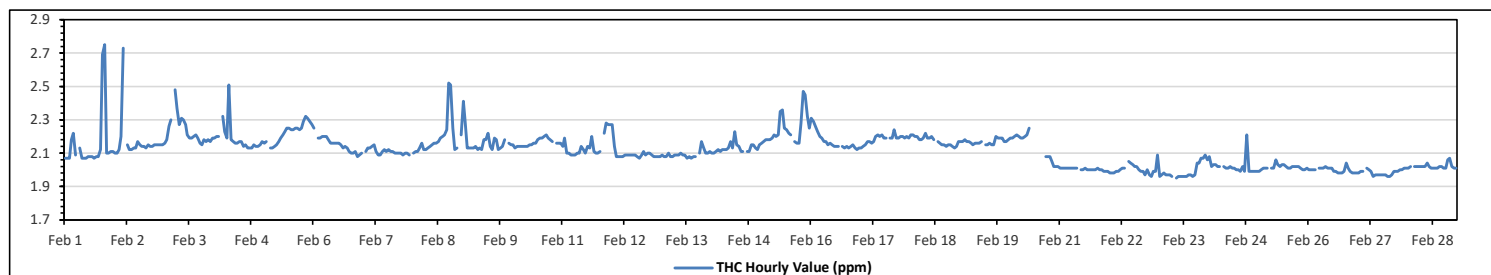
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.75	ppm	on Feb 1 at hr 19	Hours in Service:	672
Maximum Daily Value:	2.24	ppm	on Feb 15	Hours of Data:	639
Minimum Hourly Value:	1.95	ppm	on Feb 23 at hr 8	Hours of Missing Data:	0
Minimum Daily Value:	1.98	ppm	on Feb 27	Hours of Calibration:	33
Monthly Average:	2.12	ppm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
Feb 1	2.07	2.07	2.07	2.18	2.22	2.09	S	2.13	2.07	2.07	2.07	2.08	2.08	2.08	2.07	2.08	2.08	2.12	2.69	2.75	2.10	2.10	2.11	2.11	2.07	2.75	2.15	
Feb 2	2.10	2.10	2.12	2.20	2.73	S	2.15	2.12	2.12	2.13	2.13	2.17	2.15	2.14	2.14	2.13	2.15	2.14	2.14	2.15	2.15	2.15	2.15	2.15	2.10	2.73	2.17	
Feb 3	2.16	2.18	2.26	2.30	S	2.48	2.37	2.27	2.31	2.30	2.27	2.21	2.19	2.19	2.20	2.21	2.19	2.16	2.15	2.18	2.17	2.18	2.17	2.19	2.15	2.48	2.23	
Feb 4	2.19	2.20	2.20	S	2.32	2.23	2.19	2.51	2.18	2.17	2.16	2.16	2.17	2.17	2.14	2.15	2.13	2.13	2.13	2.15	2.14	2.14	2.15	2.17	2.13	2.51	2.19	
Feb 5	2.16	2.17	S	2.13	2.13	2.14	2.15	2.17	2.19	2.21	2.23	2.25	2.25	2.24	2.24	2.25	2.25	2.24	2.25	2.29	2.32	2.31	2.29	2.27	2.13	2.32	2.22	
Feb 6	2.25	S	2.19	2.19	2.20	2.20	2.20	2.18	2.16	2.16	2.16	2.16	2.16	2.15	2.13	2.14	2.13	2.11	2.10	2.10	2.11	2.08	2.09	2.10	2.08	2.25	2.15	
Feb 7	S	2.11	2.13	2.13	2.14	2.15	2.11	2.09	2.09	2.11	2.12	2.11	2.12	2.11	2.11	2.10	2.10	2.10	2.09	2.10	2.10	2.09	S	2.09	2.15	2.11		
Feb 8	2.10	2.11	2.11	2.13	2.16	2.12	2.12	2.13	2.14	2.15	2.16	2.16	2.17	2.19	2.20	2.21	2.24	2.52	2.51	2.25	2.12	2.13	S	2.21	2.10	2.52	2.19	
Feb 9	2.41	2.30	2.13	2.13	2.13	2.13	2.14	2.12	2.13	2.12	2.18	2.18	2.22	2.14	2.12	2.19	2.18	2.12	2.13	2.14	2.18	S	2.16	2.15	2.12	2.41	2.17	
Feb 10	2.15	2.13	2.14	2.14	2.14	2.14	2.14	2.14	2.15	2.15	2.16	2.16	2.18	2.19	2.19	2.20	2.21	2.19	2.18	2.17	S	2.16	2.16	2.16	2.13	2.21	2.16	
Feb 11	2.14	2.19	2.10	2.10	2.09	2.09	2.09	2.10	2.10	2.14	2.12	2.10	2.14	2.13	2.20	2.11	2.10	2.10	2.11	S	2.22	2.28	2.27	2.27	2.09	2.28	2.14	
Feb 12	2.27	2.14	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.07	2.09	2.11	2.09	2.10	2.10	2.09	2.08	2.08	2.08	2.08	2.07	2.27	2.10	
Feb 13	2.09	2.08	2.08	2.10	2.08	2.08	2.09	2.09	2.09	2.10	2.09	2.09	2.07	2.08	2.07	2.08	2.08	S	2.10	2.17	2.13	2.10	2.10	2.11	2.07	2.17	2.09	
Feb 14	2.10	2.10	2.11	2.12	2.11	2.12	2.12	2.12	2.13	2.17	2.13	2.23	2.15	2.14	2.11	2.11	S	2.11	2.11	2.15	2.15	2.13	2.12	2.15	2.10	2.23	2.13	
Feb 15	2.16	2.17	2.18	2.18	2.18	2.19	2.21	2.20	2.21	2.35	2.36	2.25	2.24	2.22	2.21	S	2.17	2.16	2.16	2.28	2.47	2.45	2.32	2.25	2.16	2.47	2.24	
Feb 16	2.31	2.29	2.26	2.23	2.20	2.19	2.17	2.17	2.15	2.16	2.15	2.14	2.14	2.14	S	2.14	2.13	2.14	2.13	2.14	2.15	2.13	2.12	2.13	2.12	2.31	2.17	
Feb 17	2.13	2.14	2.15	2.17	2.17	2.16	2.17	2.20	2.21	2.20	2.21	2.19	2.19	S	2.19	2.19	2.24	2.19	2.19	2.20	2.20	2.19	2.20	2.19	2.13	2.24	2.19	
Feb 18	2.21	2.21	2.20	2.20	2.18	2.18	2.19	2.22	2.19	2.19	2.20	2.18	S	2.17	2.16	2.15	2.15	2.14	2.15	2.15	2.14	2.13	2.14	2.17	2.13	2.22	2.17	
Feb 19	2.17	2.17	2.18	2.17	2.17	2.16	2.15	2.16	2.16	2.16	2.17	S	2.15	2.15	2.16	2.15	2.15	2.20	2.19	2.19	2.19	2.17	2.17	2.18	2.15	2.20	2.17	
Feb 20	2.19	2.19	2.20	2.21	2.20	2.19	2.19	2.20	2.21	2.25	S	2.23	C	C	C	C	C	2.08	2.08	2.08	2.05	2.02	2.02	2.02	2.02	2.25	2.15	
Feb 21	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.00	2.00	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.00	2.00	1.99	1.99	1.99	2.01	2.00	
Feb 22	1.98	1.98	1.98	1.99	1.99	2.00	2.01	2.01	S	2.05	2.04	2.03	2.02	2.02	2.00	1.99	1.99	1.97	2.00	1.97	1.96	1.99	1.99	2.09	1.96	2.09	2.00	
Feb 23	1.96	1.97	1.98	1.97	1.97	1.97	1.96	S	1.95	1.96	1.96	1.96	1.96	1.96	1.97	1.97	1.96	1.97	2.04	2.04	2.07	2.07	2.09	2.06	1.95	2.09	1.99	
Feb 24	2.08	2.02	2.03	2.03	2.02	2.02	S	2.02	2.01	2.01	2.02	2.01	2.01	2.00	2.00	1.99	2.02	1.99	2.21	1.99	1.99	1.99	1.99	1.99	1.99	2.21	2.02	
Feb 25	1.99	2.00	2.01	2.01	2.01	S	2.01	2.01	2.06	2.03	2.02	2.03	2.03	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.00	2.00	2.01	1.99	2.06	2.02	
Feb 26	2.00	2.00	2.00	2.00	S	2.01	2.01	2.01	2.02	2.01	2.01	2.01	1.99	1.99	1.98	1.98	1.98	1.99	2.04	2.01	1.99	1.98	1.98	1.98	1.98	2.04	2.00	
Feb 27	1.98	1.99	1.99	S	2.01	2.00	1.99	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.96	1.96	1.97	1.99	1.99	1.99	2.00	2.00	2.01	2.01	1.96	2.01	1.98	
Feb 28	2.01	2.02	S	2.02	2.02	2.02	2.02	2.02	2.02	2.04	2.02	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.01	2.01	2.06	2.07	2.02	2.01	2.01	2.01	2.07	2.02
Diurnal Maximum	2.41	2.30	2.26	2.30	2.73	2.48	2.37	2.51	2.31	2.35	2.36	2.25	2.25	2.24	2.24	2.25	2.25	2.52	2.69	2.75	2.47	2.45	2.32	2.27				
Diurnal Average	2.12	2.11	2.11	2.12	2.14	2.12	2.12	2.13	2.12	2.13	2.12	2.12	2.11	2.10	2.10	2.10	2.11	2.11	2.14	2.14	2.12	2.11	2.11	2.12				

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

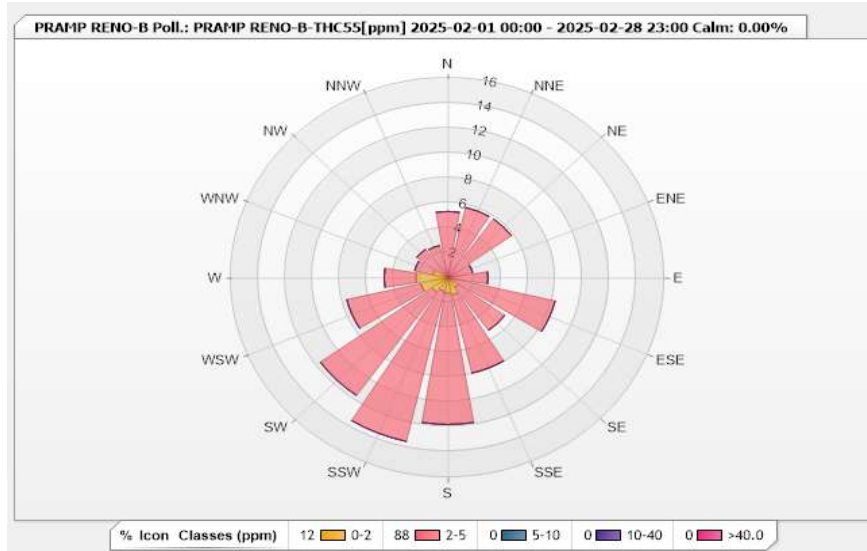


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-THC55[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0	5.32	0	0	0	5.32
NNE	0	5.79	0	0	0	5.79
NE	0	5.79	0	0	0	5.79
ENE	0.31	1.56	0	0	0	1.87
E	0	2.97	0	0	0	2.97
ESE	0.16	7.98	0	0	0	8.14
SE	0.94	4.23	0	0	0	5.17
SSE	1.41	6.42	0	0	0	7.83
S	1.25	10.49	0	0	0	11.74
SSW	1.1	12.36	0	0	0	13.46
SW	1.41	10.17	0	0	0	11.58
WSW	2.03	5.63	0	0	0	7.66
W	2.35	2.35	0	0	0	4.7
WNW	1.1	1.41	0	0	0	2.51
NW	0	2.82	0	0	0	2.82
NNW	0	2.66	0	0	0	2.66
Summary	12.06	87.95	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

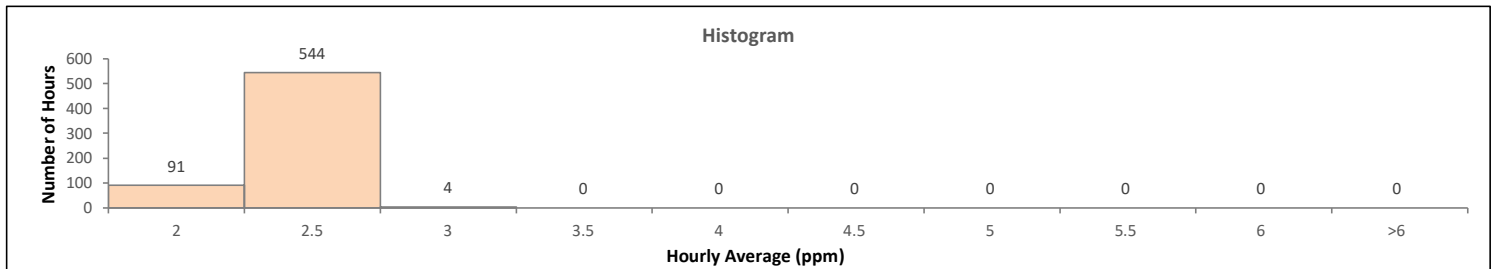
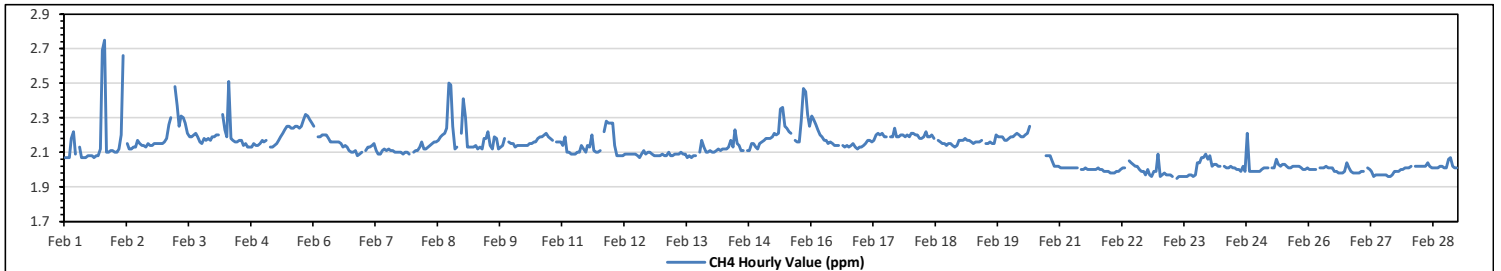
METHANE (CH4) in ppm

Maximum Hourly Value:	2.75	ppm	on Feb 1 at hr 19	Hours in Service:	672
Maximum Daily Value:	2.24	ppm	on Feb 15	Hours of Data:	639
Minimum Hourly Value:	1.95	ppm	on Feb 23 at hr 8	Hours of Missing Data:	0
Minimum Daily Value:	1.98	ppm	on Feb 27	Hours of Calibration:	33
Monthly Average:	2.12	ppm		Operational Uptime:	100.0

Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)														10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	2.07	2.07	2.07	2.18	2.22	2.09	S	2.13	2.07	2.07	2.07	2.08	2.08	2.08	2.07	2.08	2.08	2.12	2.69	2.75	2.10	2.10	2.11	2.11	2.07	2.75	2.15														
Feb 2	2.10	2.10	2.12	2.20	2.66	S	2.15	2.12	2.12	2.13	2.13	2.17	2.15	2.14	2.14	2.13	2.15	2.14	2.14	2.15	2.15	2.15	2.15	2.10	2.66	2.16															
Feb 3	2.16	2.18	2.26	2.30	S	2.48	2.37	2.25	2.31	2.30	2.27	2.21	2.19	2.19	2.20	2.21	2.19	2.16	2.15	2.18	2.17	2.18	2.17	2.19	2.15	2.48	2.23														
Feb 4	2.19	2.20	2.20	S	2.32	2.23	2.19	2.51	2.18	2.17	2.16	2.16	2.17	2.17	2.14	2.15	2.13	2.13	2.13	2.15	2.14	2.14	2.15	2.17	2.13	2.51	2.19														
Feb 5	2.16	2.17	S	2.13	2.13	2.14	2.15	2.17	2.19	2.21	2.23	2.25	2.25	2.24	2.24	2.25	2.25	2.24	2.25	2.29	2.32	2.31	2.29	2.27	2.13	2.32	2.22														
Feb 6	2.25	S	2.19	2.19	2.20	2.20	2.20	2.18	2.16	2.16	2.16	2.16	2.16	2.15	2.13	2.14	2.13	2.11	2.10	2.10	2.10	2.09	2.10	2.08	2.25	2.15															
Feb 7	S	2.11	2.13	2.13	2.14	2.15	2.11	2.09	2.09	2.11	2.12	2.11	2.12	2.11	2.11	2.10	2.10	2.10	2.10	2.09	2.10	2.10	2.09	S	2.09	2.15	2.11														
Feb 8	2.10	2.11	2.11	2.13	2.16	2.12	2.12	2.13	2.14	2.15	2.16	2.16	2.17	2.19	2.20	2.21	2.24	2.50	2.49	2.25	2.12	2.13	S	2.21	2.10	2.50	2.19														
Feb 9	2.41	2.30	2.13	2.13	2.13	2.13	2.14	2.12	2.13	2.12	2.18	2.18	2.22	2.14	2.12	2.19	2.18	2.12	2.13	2.14	2.18	S	2.16	2.15	2.12	2.41	2.17														
Feb 10	2.15	2.13	2.14	2.14	2.14	2.14	2.14	2.14	2.15	2.15	2.16	2.16	2.18	2.19	2.19	2.20	2.21	2.19	2.18	2.17	S	2.16	2.16	2.16	2.13	2.21	2.16														
Feb 11	2.14	2.19	2.10	2.10	2.09	2.09	2.09	2.10	2.10	2.14	2.12	2.10	2.14	2.13	2.20	2.11	2.10	2.10	2.11	S	2.22	2.28	2.27	2.27	2.09	2.28	2.14														
Feb 12	2.27	2.14	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.07	2.09	2.11	2.09	2.10	2.10	2.09	2.08	2.08	2.08	2.07	2.27	2.10														
Feb 13	2.09	2.08	2.08	2.10	2.08	2.08	2.09	2.09	2.09	2.10	2.09	2.09	2.07	2.08	2.07	2.08	2.08	S	2.10	2.17	2.13	2.10	2.10	2.11	2.07	2.17	2.09														
Feb 14	2.10	2.10	2.11	2.12	2.11	2.12	2.12	2.12	2.13	2.17	2.13	2.23	2.15	2.14	2.11	2.11	S	2.11	2.11	2.15	2.15	2.13	2.12	2.15	2.10	2.23	2.13														
Feb 15	2.16	2.17	2.18	2.18	2.18	2.19	2.21	2.20	2.21	2.35	2.36	2.25	2.24	2.22	2.21	S	2.17	2.16	2.16	2.28	2.47	2.45	2.32	2.25	2.16	2.47	2.24														
Feb 16	2.31	2.29	2.26	2.23	2.20	2.19	2.17	2.17	2.15	2.16	2.15	2.14	2.14	2.14	S	2.14	2.13	2.14	2.13	2.14	2.15	2.13	2.12	2.13	2.12	2.31	2.17														
Feb 17	2.13	2.14	2.15	2.17	2.17	2.16	2.17	2.20	2.21	2.20	2.21	2.19	2.19	S	2.19	2.19	2.24	2.19	2.19	2.20	2.20	2.19	2.20	2.19	2.13	2.24	2.19														
Feb 18	2.21	2.21	2.20	2.20	2.18	2.18	2.19	2.22	2.19	2.19	2.20	2.18	S	2.17	2.16	2.15	2.15	2.14	2.15	2.15	2.14	2.13	2.14	2.17	2.13	2.22	2.17														
Feb 19	2.17	2.17	2.18	2.17	2.17	2.16	2.15	2.16	2.16	2.16	2.17	S	2.15	2.15	2.16	2.15	2.15	2.20	2.19	2.19	2.19	2.17	2.17	2.18	2.15	2.20	2.17														
Feb 20	2.19	2.19	2.20	2.21	2.20	2.19	2.19	2.20	2.21	2.25	S	2.23	C	C	C	C	C	C	2.08	2.08	2.08	2.05	2.02	2.02	2.02	2.02	2.02	2.25	2.15												
Feb 21	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.00	2.00	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.00	2.00	1.99	1.99	1.99	1.99	2.01	2.00														
Feb 22	1.98	1.98	1.98	1.99	1.99	2.00	2.01	2.01	S	2.05	2.04	2.03	2.02	2.02	2.00	1.99	1.99	1.97	2.00	1.97	1.96	1.99	1.99	2.09	1.96	2.09	2.00														
Feb 23	1.96	1.97	1.98	1.97	1.97	1.97	1.96	S	1.95	1.96	1.96	1.96	1.96	1.96	1.97	1.97	1.96	1.97	2.04	2.04	2.07	2.07	2.09	2.06	1.95	2.09	1.99														
Feb 24	2.08	2.02	2.03	2.03	2.02	2.02	S	2.02	2.01	2.01	2.02	2.01	2.01	2.00	2.00	1.99	2.02	1.99	2.21	1.99	1.99	1.99	1.99	1.99	1.99	2.21	2.02														
Feb 25	1.99	2.00	2.01	2.01	2.01	S	2.01	2.01	2.06	2.03	2.02	2.03	2.03	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.00	2.00	2.01	1.99	2.06	2.02														
Feb 26	2.00	2.00	2.00	2.00	S	2.01	2.01	2.01	2.02	2.01	2.01	2.01	1.99	1.99	1.98	1.98	1.98	1.99	2.04	2.01	1.99	1.98	1.98	1.98	1.98	2.04	2.00														
Feb 27	1.98	1.99	1.99	S	2.01	2.00	1.99	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.96	1.96	1.97	1.99	1.99	1.99	2.00	2.00	2.01	2.01	1.96	2.01	1.98														
Feb 28	2.01	2.02	S	2.02	2.02	2.02	2.02	2.02	2.02	2.04	2.02	2.01	2.01	2.01	2.01	2.02	2.02	2.01	2.01	2.06	2.07	2.02	2.01	2.01	2.01	2.01	2.07	2.02													
Diurnal Maximum	2.41	2.30	2.26	2.30	2.66	2.48	2.37	2.51	2.31	2.35	2.36	2.25	2.25	2.24	2.24	2.25	2.25	2.50	2.69	2.75	2.47	2.45	2.32	2.27																	
Diurnal Average	2.12	2.11	2.11	2.12	2.14	2.12	2.12	2.13	2.12	2.13	2.12	2.12	2.11	2.10	2.10	2.10	2.10	2.11	2.11	2.14	2.12	2.11	2.11	2.12																	

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	Invalid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

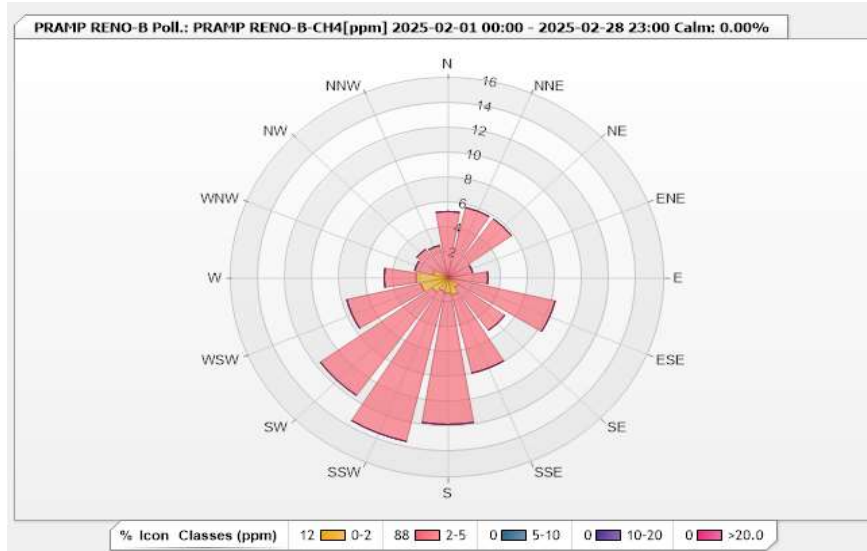


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-CH4[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0	5.32	0	0	0	5.32
NNE	0	5.79	0	0	0	5.79
NE	0	5.79	0	0	0	5.79
ENE	0.31	1.56	0	0	0	1.87
E	0	2.97	0	0	0	2.97
ESE	0.16	7.98	0	0	0	8.14
SE	0.94	4.23	0	0	0	5.17
SSE	1.41	6.42	0	0	0	7.83
S	1.25	10.49	0	0	0	11.74
SSW	1.1	12.36	0	0	0	13.46
SW	1.41	10.17	0	0	0	11.58
WSW	2.03	5.63	0	0	0	7.66
W	2.35	2.35	0	0	0	4.7
WNW	1.1	1.41	0	0	0	2.51
NW	0	2.82	0	0	0	2.82
NNW	0	2.66	0	0	0	2.66
Summary	12.06	87.95	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - February 2025

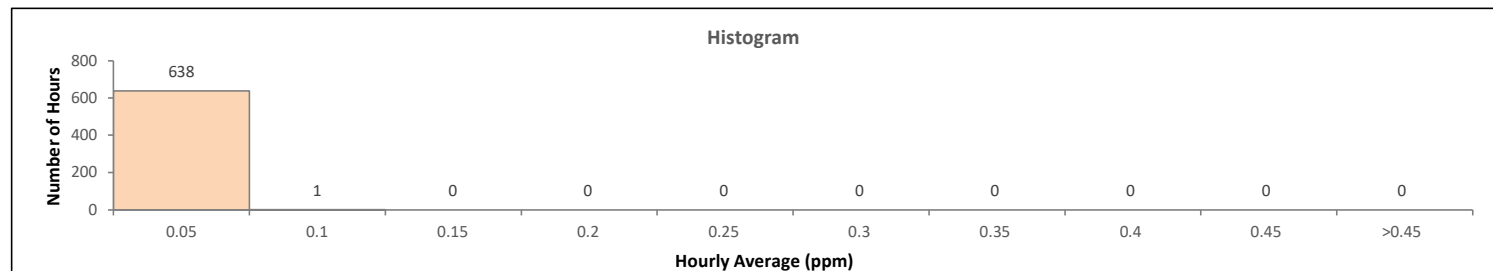
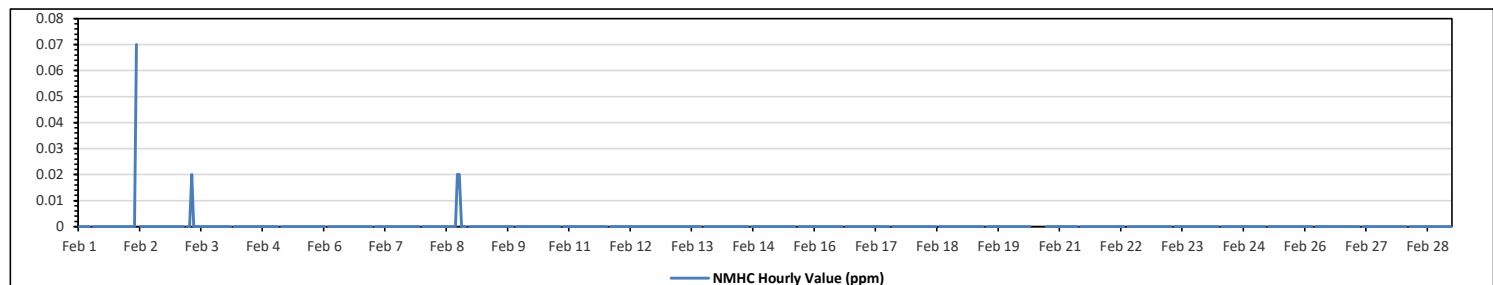
Summary of Hourly Averages

NON-METHANE HYDROCARBONS (NMHC) in ppm

Maximum Hourly Value:	0.07	ppm	on Feb 2 at hr 4	Hours in Service:	672																						
Maximum Daily Value:	0.00	ppm	on Feb 2	Hours of Data:	639																						
Minimum Hourly Value:	0.00	ppm	on Feb 1 at hr 0	Hours of Missing Data:	0																						
Minimum Daily Value:	0.00	ppm	on Feb 1	Hours of Calibration:	33																						
Monthly Average:	0.00	ppm		Operational Uptime:	100.0																						
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 2	0.00	0.00	0.00	0.00	0.07	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	
Feb 3	0.00	0.00	0.00	0.00	S	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
Feb 4	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 5	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 6	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 7	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	
Feb 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	S	0.00	0.00	0.02	
Feb 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	
Feb 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	
Feb 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	C	C	C	C	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 24	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 25	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 26	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 27	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 28	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Diurnal Maximum	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Diurnal Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance												
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure					
X	Invalid Data (Equipment Malfunction / Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																			
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

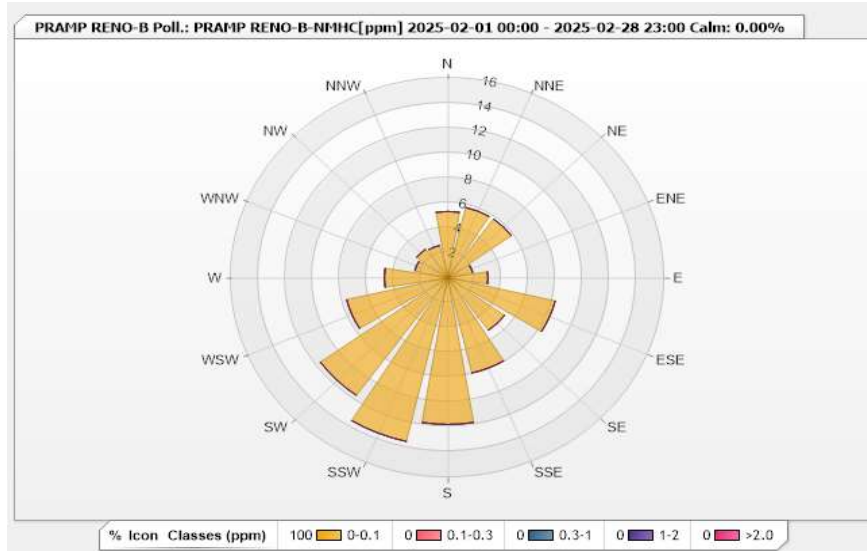


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-NMHC[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	5.32	0	0	0	0	5.32
NNE	5.79	0	0	0	0	5.79
NE	5.79	0	0	0	0	5.79
ENE	1.88	0	0	0	0	1.88
E	2.97	0	0	0	0	2.97
ESE	8.14	0	0	0	0	8.14
SE	5.16	0	0	0	0	5.16
SSE	7.82	0	0	0	0	7.82
S	11.74	0	0	0	0	11.74
SSW	13.46	0	0	0	0	13.46
SW	11.58	0	0	0	0	11.58
WSW	7.67	0	0	0	0	7.67
W	4.69	0	0	0	0	4.69
WNW	2.5	0	0	0	0	2.5
NW	2.82	0	0	0	0	2.82
NNW	2.66	0	0	0	0	2.66
Summary	100	0	0	0	0	100



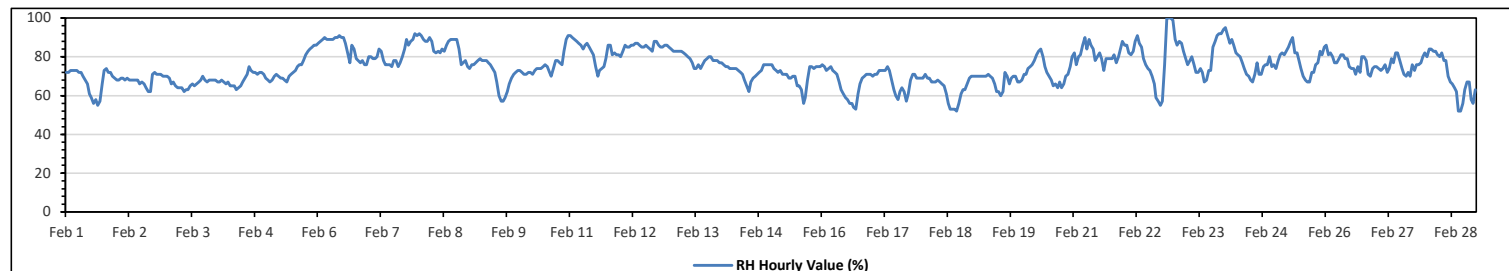
Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Feb 22 at hr 20	Hours in Service:	672																																	
Maximum Daily Value:	85.3	%	on Feb 12	Hours of Data:	672																																	
Minimum Hourly Value:	52	%	on Feb 18 at hr 16	Hours of Missing Data:	0																																	
Minimum Daily Value:	63.4	%	on Feb 18	Hours of Calibration:	0																																	
Monthly Average:	74.7	%		Operational Uptime:	100.0																																	
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average												
Feb 1	72	72	73	73	73	72	72	70	68	66	61	59	56	58	55	57	66	73	74	72	72	70	69	55	74	67.8												
Feb 2	68	68	69	69	68	69	68	68	68	68	66	67	66	64	62	62	71	72	71	71	71	70	70	62	72	68.1												
Feb 3	70	69	66	67	65	64	64	64	62	63	63	65	66	65	66	67	68	70	68	67	68	68	68	62	70	66.3												
Feb 4	67	67	68	67	66	67	65	65	65	63	64	65	67	69	71	75	73	72	72	71	72	71	69	63	75	68.5												
Feb 5	68	67	68	70	71	70	69	69	68	67	70	71	72	73	75	76	76	78	81	83	84	85	86	86	67	86	74.3											
Feb 6	87	88	89	90	89	89	89	89	90	90	91	90	90	87	82	77	86	84	79	78	77	78	76	76	76	91	85.0											
Feb 7	80	80	79	79	80	84	83	78	76	76	76	75	78	78	75	77	80	84	89	86	88	89	92	91	75	92	81.4											
Feb 8	92	91	89	88	88	90	88	83	82	83	82	84	83	86	88	89	89	89	89	84	76	77	78	75	75	92	85.1											
Feb 9	74	76	76	77	78	79	78	78	78	77	76	74	72	67	60	57	57	59	62	66	69	71	72	73	57	79	71.1											
Feb 10	73	72	71	71	72	72	71	73	74	74	74	75	76	75	72	70	74	78	78	77	76	83	89	91	70	91	75.5											
Feb 11	91	90	89	88	87	86	84	86	87	85	83	81	75	70	73	74	75	79	86	86	85	81	82	81	81	70	91	82.5										
Feb 12	80	83	86	85	85	86	86	87	87	86	85	85	86	85	84	83	88	88	86	85	85	86	86	85	80	88	85.3											
Feb 13	84	83	83	83	83	83	82	81	80	79	77	74	74	76	74	76	78	79	80	80	78	78	78	77	74	84	79.2											
Feb 14	77	76	75	75	74	74	74	74	73	72	71	68	65	62	67	69	70	71	72	73	76	76	76	76	62	77	72.3											
Feb 15	76	74	73	72	73	71	71	71	69	69	70	70	65	65	63	56	59	68	75	75	74	75	75	75	56	76	70.2											
Feb 16	76	75	73	74	75	73	72	71	67	63	61	59	58	56	56	54	53	61	66	69	70	71	71	71	53	76	66.5											
Feb 17	70	71	71	73	73	73	73	75	73	68	63	60	58	62	64	62	57	61	68	71	71	69	69	69	57	75	67.7											
Feb 18	69	71	69	69	67	67	67	68	67	66	65	61	56	53	53	53	52	56	61	63	63	66	69	70	52	71	63.4											
Feb 19	70	70	70	70	70	70	70	71	70	69	66	62	62	60	62	72	70	66	69	70	70	67	67	68	60	72	68.0											
Feb 20	71	71	74	75	76	78	81	83	84	80	75	72	70	68	65	66	64	67	64	66	70	71	75	80	64	84	72.8											
Feb 21	82	76	80	81	86	90	84	89	86	84	78	80	82	79	73	79	79	79	79	81	77	80	84	88	73	90	81.5											
Feb 22	86	86	82	81	83	88	91	87	85	79	76	74	73	70	66	59	57	55	57	76	100	100	100	99	55	100	79.6											
Feb 23	89	86	88	87	83	79	76	78	80	76	72	72	74	72	67	68	73	73	85	88	91	92	92	94	67	94	80.6											
Feb 24	95	91	87	89	86	82	81	80	77	74	71	70	68	67	71	77	71	71	75	76	76	80	75	76	67	95	77.8											
Feb 25	74	78	81	82	81	83	85	88	90	82	82	78	74	70	68	67	67	72	72	76	77	83	81	85	67	90	78.2											
Feb 26	86	81	82	80	77	77	79	81	81	79	79	75	74	74	71	75	72	80	80	78	71	70	74	75	70	86	77.1											
Feb 27	75	74	73	74	76	72	74	79	77	82	82	78	74	71	70	72	70	76	73	76	76	77	80	82	70	82	75.5											
Feb 28	80	84	84	83	83	81	80	82	78	78	70	67	66	64	62	52	52	56	63	67	67	58	56	63	52	84	69.8											
Diurnal Maximum	95	91	89	90	89	90	91	89	90	90	91	90	90	87	88	89	89	89	89	88	100	100	100	99														
Diurnal Average	77.9	77.5	77.4	77.6	77.4	77.5	77.0	77.5	76.6	75.0	73.4	71.9	70.9	69.5	68.6	68.5	68.9	71.8	74.1	75.5	75.9	76.7	77.2	77.9														
C	Monthly Calibration					S	Daily Zero-Span Check										Q	Quality Assurance																				
K	Collection Error					ND	No Data (Machine Not in Service)										Y	Routine Maintenance										P	Power Failure									
X	Invalid Data (Equipment Malfunction /Recovery)					NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																															
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met. Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																						



Peace River Area Monitoring Program

Reno-B Station - February 2025

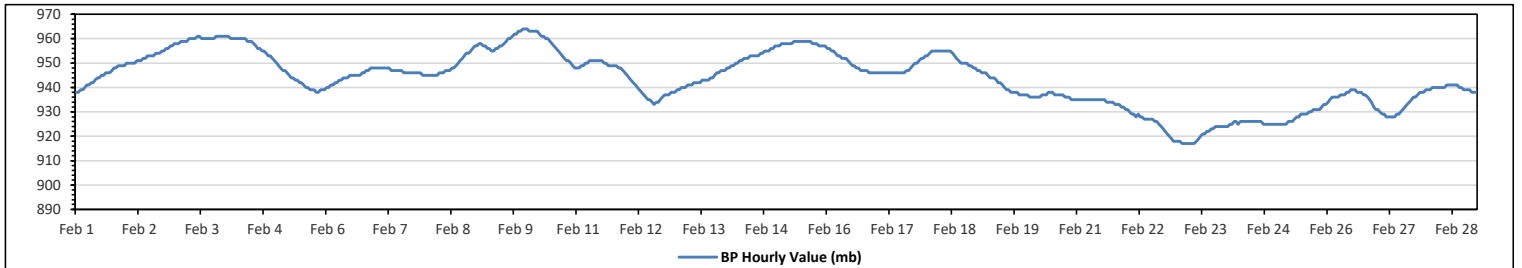
Summary of Hourly Averages

BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	964	mb	on Feb 9 at hr 22	Hours in Service:	672																							
Maximum Daily Value:	960	mb	on Feb 3	Hours of Data:	672																							
Minimum Hourly Value:	917	mb	on Feb 23 at hr 2	Hours of Missing Data:	0																							
Minimum Daily Value:	920	mb	on Feb 23	Hours of Calibration:	0																							
Monthly Average:	944	mb		Operational Uptime:	100.0																							
Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average	
Feb 1	938	938	939	939	940	941	941	942	942	943	944	944	945	945	946	946	946	947	948	948	949	949	949	949	938	949	944	
Feb 2	950	950	950	950	950	951	951	951	952	952	953	953	953	953	954	954	954	955	955	956	956	957	957	958	950	958	953	
Feb 3	958	958	959	959	959	959	960	960	960	960	960	961	961	960	960	960	960	960	960	961	961	961	961	961	958	961	960	
Feb 4	961	961	960	960	960	960	960	960	960	960	960	959	959	959	958	957	956	956	955	955	954	953	953	952	951	961	957	
Feb 5	950	949	948	947	947	946	945	944	944	943	943	942	942	941	940	940	939	939	939	938	938	939	939	939	938	950	943	
Feb 6	940	940	941	941	942	942	943	943	944	944	944	945	945	945	945	945	945	946	946	947	947	948	948	948	940	948	944	
Feb 7	948	948	948	948	948	948	948	947	947	947	947	947	947	946	946	946	946	946	946	946	946	946	945	945	945	948	947	
Feb 8	945	945	945	945	945	945	946	946	946	946	947	947	947	948	948	949	950	951	952	953	954	954	955	956	957	945	957	949
Feb 9	957	958	958	957	957	956	956	955	955	955	956	956	957	957	958	959	960	960	961	962	962	963	963	964	964	955	964	959
Feb 10	964	963	963	963	963	963	962	961	961	960	960	959	958	957	956	955	954	953	952	951	951	950	949	948	948	964	957	
Feb 11	948	948	949	949	950	950	951	951	951	951	951	951	951	950	950	949	949	949	949	949	948	948	947	946	946	951	949	
Feb 12	945	944	943	942	941	940	939	938	937	936	935	935	934	933	934	934	935	936	937	937	937	937	938	938	933	945	938	
Feb 13	939	939	940	940	940	941	941	941	942	942	942	942	943	943	943	943	944	944	945	946	946	947	947	947	939	947	943	
Feb 14	948	948	949	949	950	950	951	951	952	952	952	953	953	953	953	953	954	954	955	955	955	956	956	957	948	957	952	
Feb 15	957	957	958	958	958	958	958	958	959	959	959	959	959	959	959	959	959	958	958	958	957	957	957	957	957	959	958	
Feb 16	956	956	955	955	954	953	953	952	952	952	951	950	949	949	948	948	947	947	947	946	946	946	946	946	946	956	950	
Feb 17	946	946	946	946	946	946	946	946	946	946	946	946	946	946	947	947	948	949	950	950	950	951	952	952	946	953	948	
Feb 18	953	954	955	955	955	955	955	955	955	955	955	955	954	953	952	951	950	950	950	950	949	949	948	948	948	955	953	
Feb 19	947	947	946	946	946	945	944	944	944	943	942	942	941	940	939	939	938	938	938	938	937	937	937	937	937	947	941	
Feb 20	937	936	936	936	936	936	936	937	937	937	938	938	938	937	937	937	937	937	936	936	936	935	935	935	935	938	937	
Feb 21	935	935	935	935	935	935	935	935	935	935	935	935	935	935	934	934	934	934	933	933	933	932	932	931	931	935	934	
Feb 22	931	930	929	929	928	929	928	928	927	927	927	927	927	926	926	925	924	923	922	922	921	920	919	918	918	931	925	
Feb 23	918	918	917	917	917	917	917	917	917	918	919	920	921	921	922	922	923	923	924	924	924	924	924	924	917	924	920	
Feb 24	924	925	925	926	926	925	926	926	926	926	926	926	926	926	926	926	926	925	925	925	925	925	925	925	924	926	926	
Feb 25	925	925	925	925	925	926	926	926	927	928	928	929	929	929	929	930	930	931	931	931	931	932	933	933	925	933	929	
Feb 26	934	935	936	936	936	936	937	937	937	938	938	939	939	939	938	938	938	937	937	936	935	934	932	931	931	939	936	
Feb 27	931	930	929	929	928	928	928	928	928	929	929	930	931	932	933	934	935	936	936	937	938	938	938	939	928	939	932	
Feb 28	939	939	940	940	940	940	940	940	940	941	941	941	941	941	941	940	940	939	939	939	939	938	938	938	938	941	940	
Diurnal Maximum	964	963	963	963	963	963	962	961	961	960	961	961	960	960	960	960	960	961	962	962	963	963	964	964				
Diurnal Average	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944				
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance											
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure			
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																			
Daily Average is shown "-." if minimum data completeness criteria of 75% or 18 hours per day is not met.																												
Monthly Average is shown "-." if minimum data completeness criteria of 75% of days per month is not met.																												

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

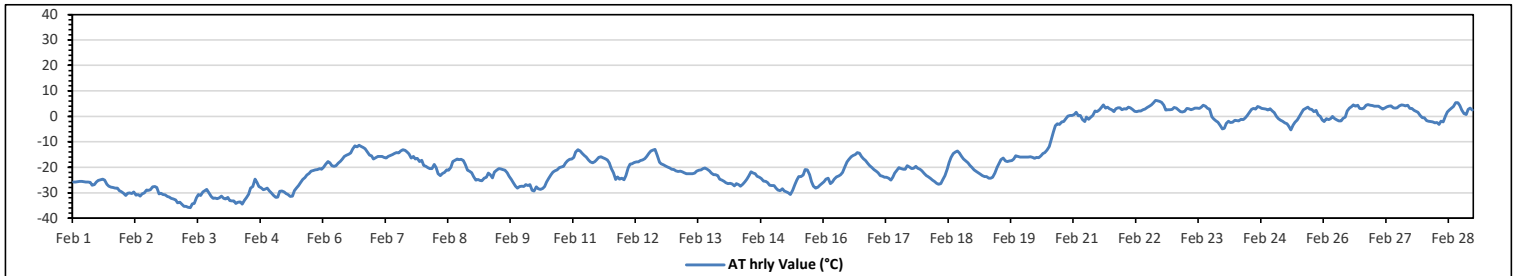


Peace River Area Monitoring Program
Reno-B Station - February 2025
Summary of Hourly Averages
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	6.3	°C	on Feb 22 at hr 15	Hours in Service:	672
Maximum Daily Value:	3.5	°C	on Feb 22	Hours of Data:	672
Minimum Hourly Value:	-35.9	°C	on Feb 3 at hr 8	Hours of Missing Data:	0
Minimum Daily Value:	-32.6	°C	on Feb 3	Hours of Calibration:	0
Monthly Average:	-15.5	°C		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average		
Feb 1	-25.8	-25.8	-25.7	-25.6	-25.6	-25.7	-25.8	-25.8	-25.9	-27.1	-26.9	-25.8	-25.2	-24.9	-24.7	-25.1	-26.7	-27.4	-27.8	-28	-28.3	-28.3	-29.2	-29.6	-29.6	-24.7	-26.5		
Feb 2	-30.2	-31.1	-30.2	-30	-30.3	-29.7	-31	-30.8	-31.3	-30.5	-30	-29	-29.1	-28.8	-27.7	-27.6	-28	-30.5	-30.2	-30.8	-30.9	-31.4	-31.7	-32.3	-32.3	-27.6	-30.1		
Feb 3	-32.5	-32.8	-34	-33.8	-34.5	-35.4	-35.4	-35.8	-35.9	-34.4	-34.2	-32	-30.7	-31.1	-29.7	-29.2	-28.7	-30	-31.4	-32.2	-32.1	-32.4	-32	-31.3	-35.9	-28.7	-32.6		
Feb 4	-32.2	-32.5	-31.9	-33.1	-33.2	-33.3	-34.2	-33.8	-33.7	-34.5	-33	-32	-30.6	-28.3	-27.5	-24.6	-25.9	-27.5	-28.1	-28.8	-28.6	-28.2	-29.3	-30.1	-34.5	-24.6	-30.6		
Feb 5	-31.1	-31.8	-31.7	-29.5	-29.4	-29.7	-30.3	-30.8	-31.4	-31.3	-29.2	-28.1	-27.2	-26	-24.8	-24.1	-23.1	-22.4	-21.6	-21.3	-21	-20.9	-20.5	-20.7	-31.8	-20.5	-26.6		
Feb 6	-20	-18.8	-17.8	-18.2	-19.4	-19.6	-19.4	-18.4	-17.7	-16.8	-15.8	-15.2	-14.9	-14.4	-12.9	-11.6	-12	-11.3	-11.8	-12.3	-12.7	-13.9	-15.2	-15.5	-20.0	-11.3	-15.7		
Feb 7	-16.8	-16.3	-15.8	-15.7	-15.8	-16.1	-16.4	-15.7	-15.4	-15.1	-14.6	-14.2	-14.4	-13.7	-13.1	-13.4	-13.9	-14.8	-16.4	-15.8	-16.8	-16.5	-17.8	-17.3	-17.8	-13.1	-15.5		
Feb 8	-19.3	-19.7	-20.2	-20.5	-20.5	-19	-20.2	-22.5	-23.2	-22.4	-22	-21	-21.2	-20	-17.8	-17.3	-16.8	-17	-16.9	-17.4	-18.9	-21.2	-21.6	-22.2	-23.2	-16.8	-20.0		
Feb 9	-23.7	-25	-24.8	-25.2	-25.3	-24.4	-24	-22.3	-22.9	-24.2	-21.9	-21.2	-20.5	-20.6	-20.9	-21.2	-22.2	-23.5	-24.8	-26	-27.4	-28.3	-27.6	-27.4	-28.3	-20.5	-24.0		
Feb 10	-27.5	-26.8	-27.2	-26.9	-29.1	-29.4	-27.7	-28.5	-28.7	-28.4	-27.5	-25.8	-24.4	-22.9	-21.9	-21.4	-21	-20.2	-19.9	-19.6	-18.4	-17.5	-16.9	-16.7	-29.4	-16.7	-23.9		
Feb 11	-16.1	-14	-13.1	-13.6	-14.5	-15.3	-16	-17.1	-17.9	-18.3	-17.8	-17.1	-16.2	-15.9	-16.3	-16.6	-17.2	-18.2	-20.4	-22.2	-24.8	-23.8	-24.7	-24.4	-24.8	-13.1	-18.0		
Feb 12	-24.9	-23.2	-20.3	-18.8	-18.6	-18.1	-17.9	-17.9	-17.4	-17.2	-16.6	-15.8	-14.5	-13.7	-13.2	-13	-15.4	-18	-18.6	-19.1	-19.5	-19.9	-20.3	-20.7	-24.9	-13.0	-18.0		
Feb 13	-20.9	-21.4	-21.7	-21.6	-21.8	-22.1	-22.5	-22.6	-22.6	-22.6	-22.3	-21.6	-21.2	-21	-20.5	-20.3	-20.8	-21.5	-22.3	-22.9	-22.9	-23.2	-24.6	-25	-25.0	-20.3	-22.1		
Feb 14	-25.6	-26.1	-26.5	-26.3	-26.6	-27.3	-26.4	-26.8	-27.4	-26.7	-25.7	-24.7	-23.4	-21.8	-22.3	-22.5	-23.6	-23.9	-24.5	-25.5	-25.6	-26	-27.1	-27.2	-27.4	-21.8	-25.4		
Feb 15	-27.2	-28.3	-29	-29.2	-28.5	-29.4	-29.8	-30	-30.8	-29.1	-26.8	-25.1	-23.7	-23.7	-23.1	-20.9	-21	-23	-25.7	-27.4	-28.2	-27.8	-27.1	-26.4	-30.8	-20.9	-26.7		
Feb 16	-25.7	-24.7	-24.4	-26.5	-25.8	-24.6	-23.8	-23.4	-22.9	-22	-19.9	-17.9	-16.9	-15.9	-15.4	-15	-14.2	-14.5	-15.8	-16.6	-17.4	-18.5	-19.4	-20.2	-26.5	-14.2	-20.1		
Feb 17	-20.9	-21.6	-22.1	-23.2	-23.5	-23.9	-24	-24.4	-25.1	-23.9	-22.3	-21.1	-20.2	-20.5	-20.8	-20.7	-19.4	-19.9	-20.5	-20.4	-19.6	-20.4	-20.7	-21.4	-25.1	-19.4	-21.7		
Feb 18	-22.4	-23.2	-23.7	-24.3	-25.1	-25.6	-26.3	-26.7	-26.5	-24.9	-23.3	-20.7	-18.1	-16.2	-14.7	-13.9	-13.6	-14.4	-15.7	-16.7	-17.5	-18.2	-19.2	-20	-26.7	-13.6	-20.5		
Feb 19	-21	-21.7	-22.2	-22.7	-23.2	-23.7	-23.7	-24.3	-24.3	-23.9	-22.3	-20	-18.5	-17	-16.4	-17.6	-17.8	-17.5	-17.4	-16.8	-15.5	-15.7	-16	-16	-24.3	-15.5	-19.8		
Feb 20	-16	-16	-16	-15.9	-16.2	-16.5	-16.1	-16.3	-15.5	-14.7	-14.2	-13.3	-11.9	-9.2	-6.1	-3.7	-3	-3.2	-2.2	-2	-1.1	0.1	0.4	0.4	-16.5	0.4	-9.5		
Feb 21	0.8	1.6	0.2	0.4	-1.3	-2	-0.3	-1.2	-0.3	0.4	2.1	1.9	2.4	3.4	4.5	3.3	3.6	3	2.6	1.8	3	3.4	3.4	2.6	-2.0	4.5	1.6		
Feb 22	3	2.9	3.6	3.4	2.7	2	1.8	2.1	2.1	2.6	2.8	3.5	3.9	4.5	5.2	6.3	6.1	5.9	5.5	4.4	2.5	2.6	2.6	2.7	1.8	6.3	3.5		
Feb 23	3.5	3.2	2.4	1.8	1.7	2	3.1	3	2.6	2.9	3.2	3.2	3.1	3.6	4.3	3.9	3.1	2.8	-0.2	-1.1	-1.8	-2.3	-3.5	-5	-5.0	4.3	1.6		
Feb 24	-4.6	-2.8	-1.9	-2.4	-2.3	-1.6	-1.7	-1.8	-1.2	-1.3	-0.6	0.2	1.5	2.7	3.1	2.8	3.8	3.6	3.1	3	2.9	2.5	3	2.2	-4.6	3.8	0.5		
Feb 25	1.5	-0.1	-0.9	-1.6	-1.9	-2.5	-3	-3.8	-5.3	-3.4	-2.3	-1.5	-0.2	1.3	2.6	3.1	3.6	2.8	2.7	1.9	2.3	0.6	0	-1.5	-5.3	3.6	-0.2		
Feb 26	-2	-0.9	-1.3	-0.9	0	-0.9	-1.4	-1.8	-1.8	-0.8	-0.3	2.2	3.3	3.8	4.5	4	4.4	3.1	3	3.2	4.4	4.7	4.3	4.2	-2.0	4.7	1.5		
Feb 27	4	3.9	4	3.4	2.8	3.3	3.7	3.9	4.1	3.4	3.2	3.4	4.1	4.5	4.4	4.1	4.4	3.1	3.1	2.3	2	1.6	0.3	-0.5	-0.5	4.5	3.2		
Feb 28	-0.5	-1.7	-1.9	-2	-2.2	-2.6	-2.4	-3.1	-1.9	-2.2	0.1	1.7	2.5	3.2	3.8	5.4	5.3	4.2	2.4	1	0.7	2.7	3.2	2.5	-3.1	5.4	0.8		
Diurnal Maximum	4.0	3.9	4.0	3.4	2.8	3.3	3.7	3.9	4.1	3.4	3.2	3.5	4.1	4.5	5.2	6.3	6.1	5.9	5.5	4.4	4.4	4.7	4.3	4.2					
Diurnal Average	-16.9	-17.0	-16.9	-17.1	-17.4	-17.5	-17.5	-17.7	-17.8	-17.4	-16.4	-15.3	-14.4	-13.5	-12.8	-12.4	-12.5	-13.2	-13.9	-14.5	-14.7	-14.9	-15.3	-15.6					
C	Monthly Calibration									S	Daily Zero-Span Check									Q	Quality Assurance								
K	Collection Error									ND	No Data (Machine Not in Service)									Y	Routine Maintenance					P	Power Failure		
X	Invalid Data (Equipment Malfunction /Recovery)									NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																		

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

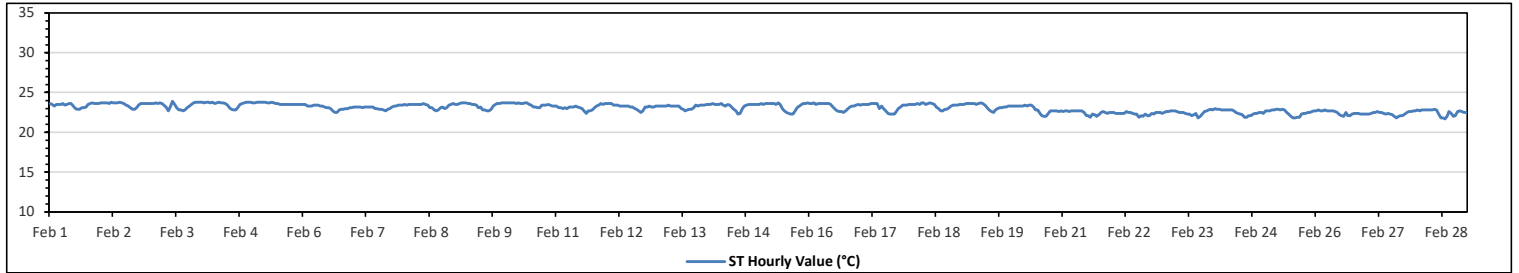


Peace River Area Monitoring Program
Reno-B Station - February 2025
Summary of Hourly Averages
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	23.9	°C	on Feb 3 at hr 10	Hours in Service:	672
Maximum Daily Value:	23.6	°C	on Feb 5	Hours of Data:	672
Minimum Hourly Value:	21.7	°C	on Feb 28 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	22.3	°C	on Feb 22	Hours of Calibration:	0
Monthly Average:	23.1	°C		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average	
Feb 1	23.6	23.5	23.3	23.5	23.5	23.5	23.6	23.4	23.5	23.6	23.6	23.3	23.0	22.9	22.9	23.1	23.1	23.2	23.5	23.6	23.7	23.6	23.6	23.6	22.9	23.7	23.4	
Feb 2	23.7	23.7	23.7	23.7	23.6	23.8	23.7	23.7	23.7	23.8	23.7	23.6	23.4	23.3	23.1	22.9	22.9	23.1	23.4	23.6	23.6	23.6	23.6	23.6	22.9	23.8	23.5	
Feb 3	23.6	23.6	23.7	23.6	23.7	23.6	23.4	23.2	22.7	23.2	23.9	23.5	23.1	22.8	22.8	22.7	22.8	23.1	23.3	23.5	23.7	23.8	23.8	23.8	22.7	23.9	23.4	
Feb 4	23.8	23.7	23.8	23.8	23.7	23.8	23.6	23.7	23.8	23.7	23.7	23.6	23.4	23.1	22.9	22.8	22.8	23.1	23.5	23.6	23.7	23.8	23.8	23.8	22.8	23.8	23.5	
Feb 5	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.7	23.8	23.7	23.6	23.6	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.8	23.6	
Feb 6	23.5	23.5	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.3	23.3	23.2	23.1	23.1	23.0	22.7	22.5	22.5	22.8	22.9	22.9	23.0	23.0	23.1	22.5	23.5	23.1	
Feb 7	23.2	23.2	23.2	23.2	23.1	23.2	23.2	23.2	23.2	23.2	23.0	23.0	22.9	22.9	22.8	22.7	22.9	23.0	23.2	23.3	23.3	23.4	23.4	23.4	22.7	23.4	23.1	
Feb 8	23.5	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.5	23.4	23.1	23.1	22.8	22.7	22.8	23.1	23.2	23.0	23.1	23.4	23.5	23.6	22.7	23.6	23.3	
Feb 9	23.5	23.5	23.6	23.7	23.7	23.7	23.6	23.6	23.5	23.5	23.5	23.4	23.1	23.2	22.8	22.8	22.7	22.7	22.9	23.3	23.5	23.6	23.6	23.7	22.7	23.7	23.4	
Feb 10	23.7	23.7	23.7	23.7	23.7	23.6	23.7	23.6	23.6	23.6	23.7	23.7	23.5	23.4	23.2	23.2	23.1	23.1	23.4	23.4	23.4	23.4	23.5	23.4	23.3	23.1	23.7	
Feb 11	23.3	23.1	23.1	23.0	23.1	23.0	23.2	23.2	23.2	23.3	23.2	23.1	23.0	22.7	22.4	22.7	22.7	22.8	23.1	23.3	23.4	23.6	23.5	23.6	22.4	23.6	23.1	
Feb 12	23.6	23.6	23.6	23.4	23.4	23.4	23.3	23.3	23.3	23.3	23.3	23.3	23.2	23.2	23.0	22.9	22.7	22.5	22.7	23.2	23.2	23.3	23.2	23.2	23.3	22.5	23.6	
Feb 13	23.3	23.3	23.3	23.3	23.3	23.4	23.3	23.3	23.3	23.3	23.3	23.3	23.0	22.9	22.7	22.8	22.9	22.9	23.1	23.4	23.3	23.4	23.4	23.4	23.5	22.7	23.5	
Feb 14	23.5	23.5	23.6	23.5	23.5	23.5	23.6	23.4	23.3	23.5	23.4	23.2	22.9	22.7	22.3	22.4	23.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	22.3	23.6	23.3	
Feb 15	23.5	23.6	23.5	23.6	23.6	23.6	23.6	23.6	23.5	23.7	23.5	23.0	22.7	22.5	22.4	22.3	22.3	22.7	23.1	23.3	23.5	23.6	23.6	23.7	22.3	23.7	23.3	
Feb 16	23.6	23.6	23.7	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.5	23.2	22.9	22.7	22.6	22.6	22.5	22.7	23.0	23.2	23.3	23.3	23.4	23.5	22.5	23.7	
Feb 17	23.4	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.0	23.3	23.0	22.7	22.4	22.3	22.3	22.6	23.0	23.2	23.4	23.4	23.4	23.5	22.3	23.6	23.2	
Feb 18	23.5	23.5	23.5	23.6	23.5	23.7	23.7	23.5	23.6	23.7	23.6	23.5	23.2	23.0	22.7	22.7	22.9	22.9	23.1	23.3	23.4	23.4	23.4	23.5	22.7	23.7	23.4	
Feb 19	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.5	23.6	23.7	23.6	23.4	23.1	22.8	22.6	22.5	22.8	23.0	23.1	23.1	23.2	23.2	23.3	23.3	22.5	23.7	23.3	
Feb 20	23.3	23.3	23.3	23.3	23.3	23.3	23.4	23.3	23.4	23.4	23.2	22.8	22.8	22.4	22.1	22.0	22.0	22.4	22.7	22.7	22.7	22.7	22.6	22.7	22.0	23.4	22.9	
Feb 21	22.6	22.7	22.7	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.5	22.1	22.1	21.9	22.3	22.2	22.0	22.2	22.5	22.6	22.5	22.4	22.5	22.5	21.9	22.7	22.5	
Feb 22	22.5	22.4	22.4	22.4	22.4	22.4	22.6	22.5	22.5	22.4	22.3	22.3	21.9	22.1	22.0	22.3	22.1	22.1	22.4	22.3	22.5	22.5	22.5	22.4	21.9	22.6	22.3	
Feb 23	22.5	22.6	22.6	22.7	22.7	22.7	22.6	22.5	22.5	22.5	22.4	22.3	22.3	22.1	22.2	22.4	21.8	22.0	22.3	22.6	22.7	22.8	22.9	22.8	21.8	22.9	22.5	
Feb 24	23.0	22.9	22.9	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.5	22.4	22.3	22.2	21.9	21.9	22.1	22.1	22.3	22.4	22.4	22.5	22.5	22.4	21.9	23.0	22.5	
Feb 25	22.7	22.7	22.7	22.8	22.8	22.9	22.9	22.8	22.9	22.8	22.5	22.3	22.0	21.8	21.8	21.9	21.9	22.3	22.4	22.4	22.5	22.5	22.6	22.7	21.8	22.9	22.5	
Feb 26	22.7	22.8	22.7	22.7	22.8	22.7	22.7	22.7	22.7	22.6	22.5	22.2	22.1	22.0	22.5	22.1	22.1	22.3	22.4	22.4	22.4	22.3	22.3	22.3	22.0	22.8	22.5	
Feb 27	22.3	22.3	22.4	22.5	22.5	22.6	22.5	22.5	22.4	22.3	22.4	22.3	22.2	22.0	21.8	22.0	22.1	22.1	22.3	22.5	22.6	22.6	22.7	22.7	21.8	22.7	22.4	
Feb 28	22.8	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.8	22.3	21.8	21.8	21.7	22.0	22.6	22.4	22.0	22.1	22.6	22.7	22.6	22.5	22.5	21.7	22.9	22.5	
Diurnal Maximum	23.8	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.8	23.8	23.9	23.6	23.6	23.5	23.5	23.5	23.5	23.5	23.6	23.7	23.8	23.8	23.8	23.8				
Diurnal Average	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2	23.2	23.2	23.2	23.0	22.8	22.6	22.5	22.5	22.6	22.7	23.0	23.1	23.1	23.2	23.2	23.2				
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance													
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure						
X	Invalid Data (Equipment Malfunction /Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

PRECIPITATION in mm

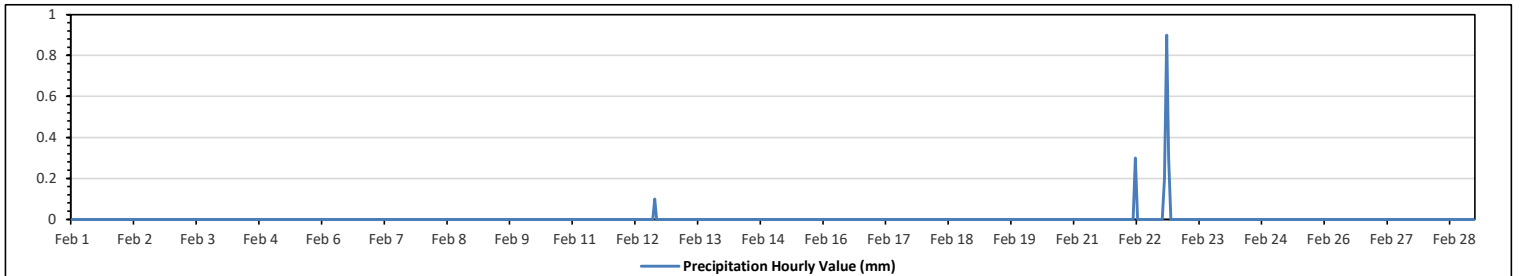
Maximum Hourly Value:	0.9	mm	on Feb 22 at hr 20	Hours in Service:	672
Maximum Daily Value:	1.7	mm	on Feb 22	Hours of Data:	672
Minimum Hourly Value:	0.0	mm	on Feb 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0	mm	on Feb 1	Hours of Calibration:	0
Monthly Total:	1.8	mm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Feb 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 22	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.3	0	0	0.0	0.9	1.7
Feb 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Feb 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Diurnal Maximum	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.9	0.3	0.0	0.0			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	Invalid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



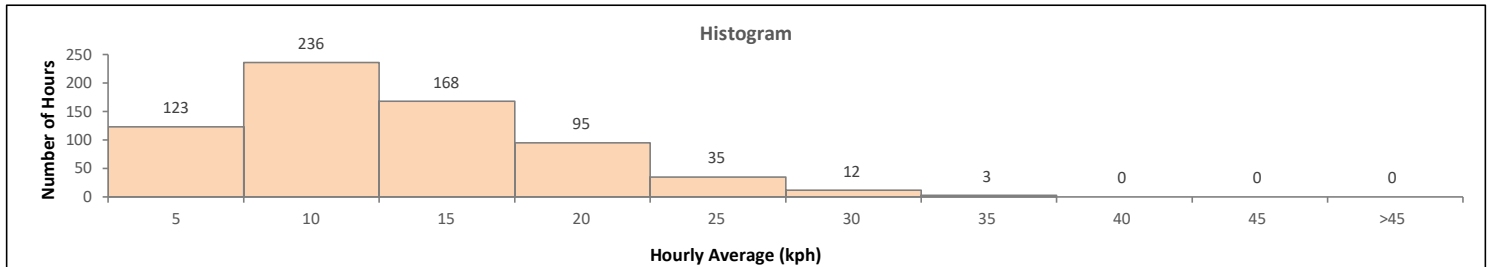
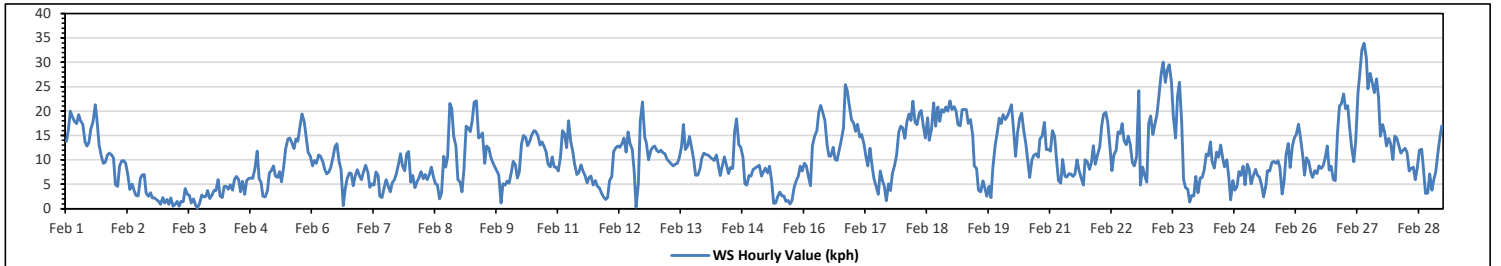
Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	33.9	kph	on Feb 27 at hr 9	Hours in Service:	672																																			
Maximum Daily Value:	20.5	kph	on Feb 27	Hours of Data:	672																																			
Minimum Hourly Value:	0.1	kph	on Feb 3 at hr 16	Hours of Missing Data:	0																																			
Minimum Daily Value:	1.8	kph	on Feb 3	Hours of Calibration:	0																																			
Monthly Average:	2.8	kph		Operational Uptime:	100.0																																			
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	13.8	16.2	20.0	18.7	17.9	17.4	19.3	18.0	17.3	13.7	12.8	13.6	16.3	17.8	21.3	18.4	13.0	10.7	9.3	9.5	11.0	11.4	11.0	10.4	9.3	21.3	15.0													
Feb 2	4.9	4.6	8.8	9.8	9.8	9.3	6.8	3.9	5.0	3.8	2.7	2.6	6.2	6.9	7.0	3.2	2.5	3.3	2.2	2.2	1.8	1.5	0.9	2.3	0.9	9.8	4.7													
Feb 3	1.2	1.9	0.9	2.2	0.5	0.8	1.5	0.5	1.5	1.4	4.1	2.9	2.7	1.2	2.0	0.6	0.1	1.1	2.8	2.4	2.5	3.7	2.1	2.8	0.1	4.1	1.8													
Feb 4	3.7	3.7	5.9	2.6	2.3	4.6	4.6	4.0	4.9	3.8	6.0	6.6	5.9	3.5	5.6	2.9	5.8	6.2	6.3	6.2	8.2	11.8	6.1	5.4	2.3	11.8	5.3													
Feb 5	2.5	2.4	3.6	7.3	7.8	8.8	6.7	6.4	7.6	5.5	8.8	12.3	14.3	14.5	13.6	12.3	14.3	13.8	17.0	19.4	17.8	14.2	11.6	10.7	2.4	19.4	10.6													
Feb 6	8.8	9.9	9.3	11.0	10.7	9.6	8.1	7.1	7.5	8.5	10.5	12.7	13.3	9.7	8.0	0.6	4.0	6.1	7.3	7.2	4.7	6.9	8.0	6.7	0.6	13.3	8.2													
Feb 7	5.9	7.5	8.9	7.4	4.4	5.1	4.8	7.5	6.8	2.5	2.3	4.4	5.9	4.5	3.5	5.3	5.9	7.2	9.0	11.3	8.8	7.8	11.2	11.7	2.3	11.7	6.7													
Feb 8	5.4	6.8	4.3	5.4	6.2	7.6	6.1	7.0	5.9	7.0	8.5	6.5	5.1	4.9	2.0	3.2	10.7	8.5	10.6	21.6	20.5	14.9	12.8	6.0	2.0	21.6	8.2													
Feb 9	5.4	3.5	8.0	16.9	16.6	15.8	18.1	21.8	22.1	14.5	14.8	15.5	9.3	12.8	12.4	10.5	9.5	8.5	7.7	6.9	1.2	5.1	4.8	5.6	1.2	22.1	11.1													
Feb 10	5.2	7.4	9.7	9.0	6.3	7.5	13.2	15.0	14.6	12.9	13.7	15.1	16.0	15.9	15.0	13.0	13.7	12.7	11.6	9.1	8.6	10.6	8.6	8.4	5.2	16.0	11.4													
Feb 11	7.7	10.7	16.0	15.4	12.5	18.0	13.7	11.8	9.1	7.0	7.4	9.0	7.7	6.9	5.3	6.5	6.7	4.8	5.8	4.6	4.3	3.2	2.4	1.9	1.9	18.0	8.3													
Feb 12	2.3	5.7	6.6	11.7	12.5	12.8	12.6	13.4	14.5	11.6	15.7	13.4	12.2	7.7	0.3	5.0	17.8	21.9	14.7	13.5	10.0	11.9	12.6	12.8	0.3	21.9	11.4													
Feb 13	11.9	11.6	12.0	11.5	11.3	10.1	9.7	9.2	8.8	9.1	9.3	10.4	12.7	17.2	12.1	12.8	14.8	12.7	10.1	6.9	6.9	8.2	10.3	11.4	6.9	17.2	10.9													
Feb 14	11.1	11.0	10.6	10.2	9.9	11.0	9.0	6.8	8.9	10.6	8.8	7.2	8.4	8.2	15.9	18.4	13.1	12.6	10.5	5.1	4.8	6.8	6.7	8.1	4.8	18.4	9.7													
Feb 15	8.3	8.6	8.9	6.7	7.5	8.3	7.3	8.7	5.5	1.1	1.2	2.5	3.4	2.6	2.6	1.5	1.7	1.0	1.6	4.4	5.6	6.7	8.7	7.7	1.0	8.9	5.1													
Feb 16	9.3	8.8	6.5	4.7	12.8	14.9	16.0	19.8	21.2	19.5	18.1	13.0	10.7	10.8	12.6	10.1	9.9	12.1	13.9	16.5	25.4	24.2	20.9	18.3	4.7	25.4	14.6													
Feb 17	17.5	15.9	17.3	14.7	15.2	13.3	10.8	8.8	12.4	8.5	6.3	4.6	2.9	7.7	5.8	4.5	1.6	5.1	3.7	7.2	8.9	10.9	15.7	16.9	1.6	17.5	9.8													
Feb 18	16.6	14.4	17.7	19.4	18.1	22.0	17.7	17.2	19.6	20.1	17.2	14.5	18.6	14.0	16.2	21.7	16.9	20.8	17.9	20.3	19.8	20.8	20.0	22.1	14.0	22.1	18.5													
Feb 19	20.3	20.9	20.0	17.2	17.0	20.3	20.3	20.3	17.5	18.3	15.0	8.8	8.2	3.8	3.5	5.7	4.5	2.5	4.6	2.3	8.4	12.9	15.3	18.5	2.3	20.9	12.8													
Feb 20	17.4	19.3	18.3	18.9	20.1	21.3	16.7	10.7	15.5	18.6	19.6	16.2	13.3	9.3	6.4	10.0	10.9	11.3	10.5	14.3	14.9	17.7	12.1	12.2	6.4	21.3	14.8													
Feb 21	11.8	16.0	14.8	10.0	5.8	5.2	10.1	6.7	6.5	7.1	7.1	6.6	7.0	10.0	7.9	6.3	4.8	10.0	9.6	8.1	9.4	12.9	9.1	11.0	4.8	16.0	8.9													
Feb 22	12.7	17.0	19.4	19.7	17.6	12.5	7.8	11.0	11.9	15.7	15.4	17.4	13.9	13.1	14.9	13.3	9.4	8.8	10.6	24.2	4.8	8.5	6.7	5.4	4.8	24.2	13.0													
Feb 23	17.5	19.0	15.2	17.5	19.4	23.2	27.7	30.0	25.9	28.5	29.5	26.0	18.9	14.5	23.0	25.9	17.7	5.9	4.3	4.0	1.3	2.7	2.6	6.6	1.3	30.0	17.0													
Feb 24	3.3	6.3	6.4	7.8	11.2	10.8	13.7	9.6	8.3	11.6	10.5	13.0	10.4	8.6	10.0	6.6	1.8	5.8	3.8	4.6	7.6	6.8	8.7	4.9	1.8	13.7	8.0													
Feb 25	9.1	8.1	5.1	6.8	8.1	6.8	6.5	4.7	2.4	4.7	7.8	7.7	9.5	9.7	9.3	9.8	8.4	3.0	5.6	10.9	13.4	8.4	12.8	14.5	2.4	14.5	8.0													
Feb 26	15.2	17.3	14.7	11.1	6.9	10.4	9.7	7.3	6.4	7.8	7.2	8.8	8.2	8.8	10.3	12.8	7.9	8.7	5.9	5.8	15.5	21.0	21.5	23.5	5.8	23.5	11.4													
Feb 27	20.5	21.1	16.5	12.6	9.6	14.0	23.8	27.9	32.5	33.9	30.9	24.6	27.7	25.7	23.8	26.6	22.9	14.9	17.2	15.7	12.8	14.4	13.4	10.1	9.6	33.9	20.5													
Feb 28	14.9	14.5	12.8	11.4	12.0	12.4	11.6	7.7	8.2	8.5	5.9	8.2	12.0	12.2	8.6	3.1	3.2	7.1	3.8	5.9	7.6	11.6	14.6	17.0	3.1	17.0	9.8													
Diurnal Maximum	20.5	21.1	20.0	19.7	20.1	23.2	27.7	30.0	32.5	33.9	30.9	26.0	27.7	25.7	23.8	26.6	22.9	21.9	17.9	24.2	25.4	24.2	21.5	23.5																
Diurnal Average	10.2	11.1	11.4	11.3	11.1	11.9	11.9	11.5	11.7	11.3	11.3	10.9	10.7	10.1	10.0	9.7	9.1	8.8	8.5	9.6	9.5	10.6	10.4	10.5																
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance																	
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance																	
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P	Power Failure																	
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																								
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																								

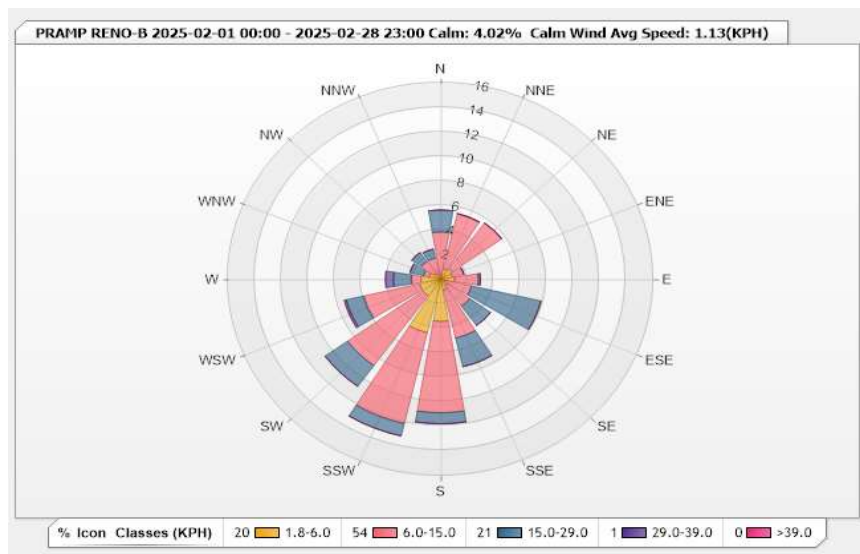


Station: PRAMP RENO-B Monitor: WDS [KPH] Monthly: 02-2025

Type: Wind Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm (WS<1.8kph): 4.02% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	0	3.87	1.79	0	0	5.66
NNE	0.89	4.61	0	0	0	5.5
NE	1.04	4.61	0	0	0	5.65
ENE	0.89	0.89	0	0	0	1.78
E	1.04	1.79	0.15	0	0	2.98
ESE	0.3	2.08	5.36	0	0	7.74
SE	0.6	2.08	1.93	0	0	4.61
SSE	0.89	4.02	2.38	0	0	7.29
S	3.42	7.44	0.89	0	0	11.75
SSW	4.46	7.59	1.04	0	0	13.09
SW	1.64	6.99	2.08	0	0	10.71
WSW	1.64	4.32	1.34	0.15	0	7.45
W	1.49	0.74	1.34	0.6	0	4.17
WNW	0.89	0.45	1.04	0	0	2.38
NW	0.6	1.19	0.89	0	0	2.68
NNW	0.45	1.34	0.74	0	0	2.53
Summary	20.24	54.01	20.97	0.75	0	95.97



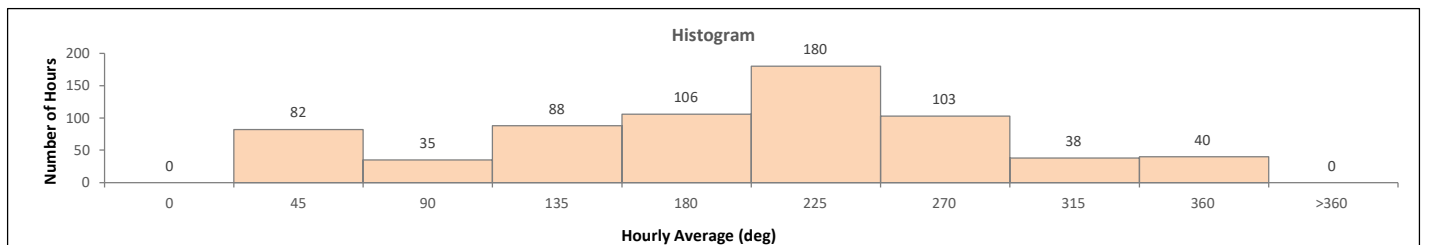
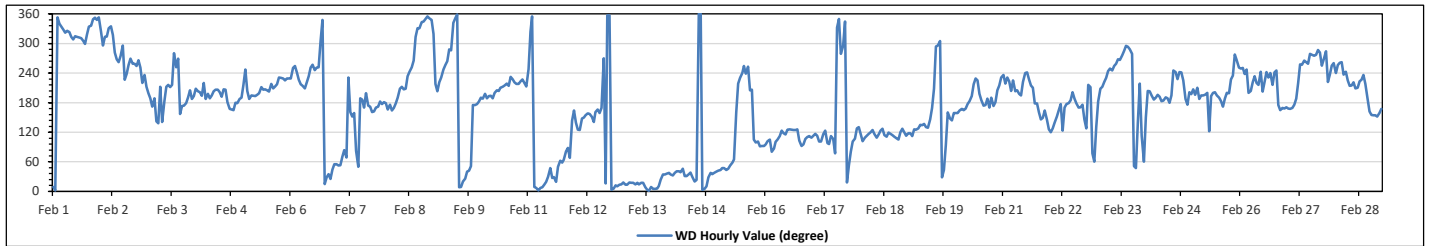
Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

WIND DIRECTION (VWD) in sector

Monthly Average:										192 (S) degree										Hours in Service:										672																																							
																				Hours of Data:										672																																							
																				Hours of Missing Data:										0																																							
																				Hours of Calibration:										0																																							
																				Operational Uptime:										100.0																																							
Day	Hourly Period Starting at (MST)																							Daily Average																																													
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Degree	Quadrant																																											
Feb 1	N	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	NW	NNW	NNW	NNW	N	NNW	N	329	NNW																																											
Feb 2	NW	WNW	NW	NW	NNW	NNW	NW	W	W	W	W	WNW	SW	SW	WSW	W	WSW	WSW	WSW	W	WSW	SW	SW	SSW	287	WNW																																											
Feb 3	SSW	S	S	S	SE	SE	SSW	SE	S	SSW	SW	SSW	SW	W	WSW	W	SSE	S	S	S	S	SSW	S	S	199	SSW																																											
Feb 4	SSW	SSW	SSW	SSW	SW	S	SSW	S	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	S	SSE	SSE	SSE	S	S	S	S	190	S																																											
Feb 5	SW	WSW	SSW	S	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SW	SW	SW	SW	SW	SW	214	SSW																																											
Feb 6	SW	WSW	WSW	WSW	SW	SW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	WNW	NNW	NNE	NNE	NE	NNE	NE	NE	NE	250	WSW																																											
Feb 7	NE	NE	ENE	E	ENE	SW	SSE	SSE	SSE	E	NE	S	S	SSE	SSW	S	S	SSE	SSE	SSE	S	S	S	S	155	SSE																																											
Feb 8	S	SSE	S	SSE	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	W	NW	NNW	NNW	NNW	N	N	N	298	WNW																																											
Feb 9	NW	SW	SSW	SW	SW	WSW	WSW	W	WNW	WNW	NNW	N	N	N	N	NNE	NNE	NE	NE	NE	S	S	S	S	297	WNW																																											
Feb 10	S	S	SSW	S	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	211	SSW																																											
Feb 11	WSW	NW	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NE	ENE	ENE	ENE	E	E	ENE	SE	SSE	19	NNE																																										
Feb 12	SE	SE	ESE	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	W	NNE	N	N	N	N	N	NNE	N	NNE	N	NNE	100	E																																										
Feb 13	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	NNE	NNE	NE	NE	NE	NE	15	NNE																																										
Feb 14	NE	NNE	NE	NE	NE	NE	NE	NNE	NNE	NE	NE	NNE	NNE	NNE	N	N	N	N	N	NNE	NE	NE	NE	NE	NE	25	NNE																																										
Feb 15	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	SSE	SW	WSW	WSW	WSW	WSW	WSW	SSW	SSW	ESE	E	E	E	E	E	66	ENE																																											
Feb 16	E	E	ESE	E	E	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	ESE	SE	ESE	E	E	ESE	ESE	ESE	ESE	110	ESE																																											
Feb 17	ESE	ESE	ESE	E	E	ESE	ESE	E	E	ESE	ESE	ENE	NNW	N	W	WNW	NNW	NNE	NE	E	E	ESE	SE	SE	105	ESE																																											
Feb 18	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	115	ESE																																											
Feb 19	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSW	WNW	WNW	NNE	NE	E	SSE	SE	SE	SSE	133	SE																																											
Feb 20	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SW	SW	SW	SSW	S	S	S	S	SSE	S	S	S	SSW	SSW	SW	186	S																																											
Feb 21	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	SW	SSW	SSW	S	S	SSE	SE	SSE	SSE	SE	SE	198	SSW																																										
Feb 22	ESE	SE	SE	SSE	SSE	S	ESE	SSE	S	S	SSW	S	S	S	SSE	S	S	SE	SE	SW	SSW	ENE	ENE	SE	SE	164	SSE																																										
Feb 23	S	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	W	W	W	WNW	WNW	WNW	WNW	W	NE	NE	SE	SW	ESE	ENE	255	WSW																																											
Feb 24	SSE	SSW	SSW	SSW	S	S	SSW	S	S	S	S	S	S	S	SSW	WSW	WSW	SW	WSW	WSW	SW	S	S	SSW	SSW	198	SSW																																										
Feb 25	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	ESE	S	SSW	SSW	SSW	S	S	S	S	SSW	SSW	SW	SW	W	W	WSW	209	SSW																																											
Feb 26	WSW	WSW	SW	WSW	SSW	SSW	SW	SW	SW	SW	WSW	SSW	SW	WSW	SW	WSW	SW	WSW	WSW	S	SSE	SSE	SSE	S	212	SSW																																											
Feb 27	SSE	SSE	SSE	S	S	SW	WSW	WSW	W	W	WSW	W	W	W	W	WNW	W	WSW	W	WNW	SW	WSW	WSW	WSW	254	WSW																																											
Feb 28	WSW	WSW	W	W	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	S	SSE	SSE	SSE	SSE	SSE	SSE	213	SSW																																											
C	Monthly Calibration										S										Daily Zero-Span Check										Q										Quality Assurance																												
K	Collection Error										ND										No Data (Machine Not in Service)										Y										Routine Maintenance																												
X	Invalid Data (Machine Malfunction /Recovery)										NRM										UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P										Power Failure																												
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																																																					
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																																																					



Peace River Area Monitoring Program

Reno-B Station - February 2025

Summary of Hourly Averages

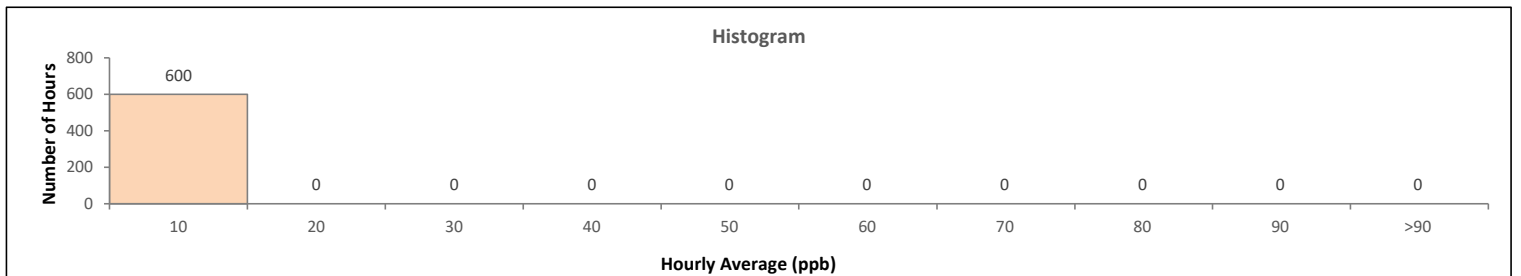
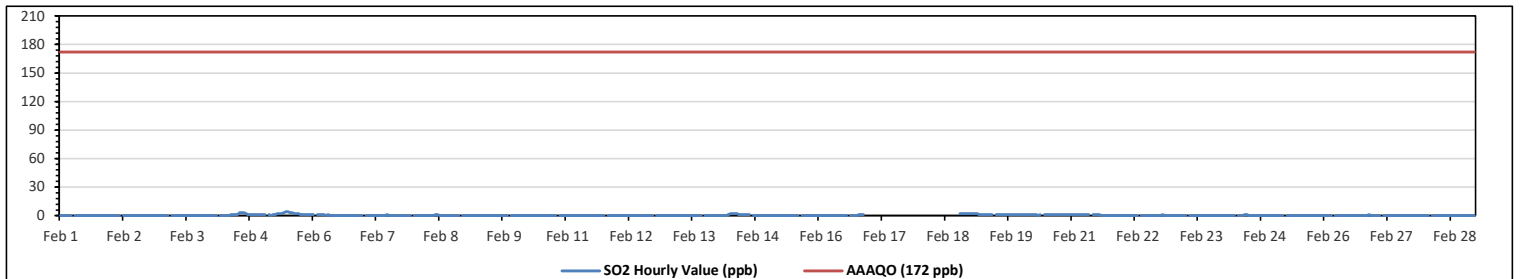
VECTOR WIND SPEED (VWS) in km/hr & WIND DIRECTION (VWD) in sector

WIND SPEED																																																		
Maximum Hourly Value:		33.9	kph	on Feb 27 at hr 9										Hours in Service:		672																																		
Maximum Daily Value:		20.5	kph	on Feb 27										Hours of Data:		672																																		
Minimum Hourly Value:		0.1	kph	on Feb 3 at hr 16										Hours of Missing Data:		0																																		
Minimum Daily Value:		1.8	kph	on Feb 3										Hours of Calibration:		0																																		
Monthly Average:		2.8	kph											Operational Uptime:		100.0																																		
WIND DIRECTION																																																		
Monthly Average:		192 degree (S)																																																
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average																							
Feb 1	13.8	16.2	20.0	18.7	17.9	17.4	19.3	18.0	17.3	13.7	12.8	13.6	16.3	17.8	21.3	18.4	13.0	10.7	9.3	9.5	11.0	11.4	11.0	10.4	9.3	21.3	15.0																							
Feb 2	N	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	NW	NNW	NNW	NNW	N	NNW	N			329(NNW)																							
	4.9	4.6	8.8	9.8	9.8	9.3	6.8	3.9	5.0	3.8	2.7	2.6	6.2	6.9	7.0	3.2	2.5	3.3	2.2	2.2	1.8	1.5	0.9	2.3	0.9	9.8	4.7																							
	NW	WNW	NW	NW	NNW	NNW	NW	W	W	W	W	WNW	SW	SW	WSW	W	WSW	WSW	WSW	W	WSW	SW	SW	SSW			287(WNW)																							
Feb 3	1.2	1.9	0.9	2.2	0.5	0.8	1.5	0.5	1.5	1.4	4.1	2.9	2.7	1.2	2.0	0.6	0.1	1.1	2.8	2.4	2.5	3.7	2.1	2.8	0.1	4.1	1.8																							
	SSW	S	S	S	SE	SE	SSW	SE	S	SSW	SW	SSW	SW	W	WSW	W	SSE	S	S	S	S	SSW	S	S			199(SSW)																							
	3.7	3.7	5.9	2.6	2.3	4.6	4.6	4.0	4.9	3.8	6.0	6.6	5.9	3.5	5.6	2.9	5.8	6.2	6.3	6.2	8.2	11.8	6.1	5.4	2.3	11.8	5.3																							
Feb 4	SSW	SSW	SSW	SSW	SW	S	SSW	S	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	S	SSE	SSE	SSE	S	S	S	S			190(S)																							
	2.5	2.4	3.6	7.3	7.8	8.8	6.7	6.4	7.6	5.5	8.8	12.3	14.3	14.5	13.6	12.3	14.3	13.8	17.0	19.4	17.8	14.2	11.6	10.7	2.4	19.4	10.6																							
	SW	WSW	SSW	S	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW			214(SSW)																							
Feb 6	8.8	9.9	9.3	11.0	10.7	9.6	8.1	7.1	7.5	8.5	10.5	12.7	13.3	9.7	8.0	0.6	4.0	6.1	7.3	7.2	4.7	6.9	8.0	6.7	0.6	13.3	8.2																							
	SW	WSW	WSW	WSW	SW	SW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	NNW	NNW	NNE	NNE	NE	NNE	NE	NE	NE			250(WSW)																							
	5.9	7.5	8.9	7.4	4.4	5.1	4.8	7.5	6.8	2.5	2.3	4.4	5.9	4.5	3.5	5.3	5.9	7.2	9.0	11.3	8.8	7.8	11.2	11.7	2.3	11.7	6.7																							
Feb 7	NE	NE	ENE	E	ENE	SW	SSE	SSE	SSE	E	NE	S	SSE	SSW	S	S	SSE	SSE	SSE	S	S	S	S	S			155(SSE)																							
	5.4	6.8	4.3	5.4	6.2	7.6	6.1	7.0	5.9	7.0	8.5	6.5	5.1	4.9	2.0	3.2	10.7	8.5	10.6	21.6	20.5	14.9	12.8	6.0	2.0	21.6	8.2																							
	S	SSE	S	SSE	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	W	NW	NNW	NNW	NNW	NNW	N	N	N	NNW		298(WNW)																							
Feb 9	5.4	3.5	8.0	16.9	16.6	15.8	18.1	21.8	22.1	14.5	14.8	15.5	9.3	12.8	12.4	10.5	9.5	8.5	7.7	6.9	1.2	5.1	4.8	5.6	1.2	22.1	11.1																							
	NW	SW	SSW	SW	SW	WSW	WSW	W	WNW	WNW	NNW	N	N	N	NNE	NNE	NE	NE	NE	S	S	S	S			297(WNW)																								
	5.2	7.4	9.7	9.0	6.3	7.5	13.2	15.0	14.6	12.9	13.7	15.1	16.0	15.9	15.0	13.0	13.7	12.7	11.6	9.1	8.6	10.6	8.6	8.4	5.2	16.0	11.4																							
Feb 10	S	S	SSW	S	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SW	SW	SW	SW	SW	SW	SSW			211(SSW)																							
	7.7	10.7	16.0	15.4	12.5	18.0	13.7	11.8	9.1	7.0	7.4	9.0	7.7	6.9	5.3	6.5	6.7	4.8	5.8	4.6	4.3	3.2	2.4	1.9	1.9	18.0	8.3																							
	WSW	NW	N	N	N	N	N	N	NNE	NNE	NNE	NE	NNE	NNE	NNE	NE	ENE	ENE	ENE	E	E	ENE	SE	SSE			19(NNE)																							
Feb 12	2.3	5.7	6.6	11.7	12.5	12.8	12.6	13.4	14.5	11.6	15.7	13.4	12.2	7.7	0.3	5.0	17.8	21.9	14.7	13.5	10.0	11.9	12.6	12.8	0.3	21.9	11.4																							
	SE	SE	ESE	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	W	NNE	N	N	N	NNE	N	NNE	N	NNE			100(E)																							
	11.9	11.6	12.0	11.5	11.3	10.1	9.7	9.2	8.8	9.1	9.3	10.4	12.7	17.2	12.1	12.8	14.8	12.7	10.1	6.9	6.9	8.2	10.3	11.4	6.9	17.2	10.9																							
Feb 13	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	NNE	NNE	NE	NE	NE	NE			15(NNE)																							
	11.1	11.0	10.6	10.2	9.9	11.0	9.0	6.8	8.9	10.6	8.8	7.2	8.4	8.2	15.9	18.4	13.1	12.6	10.5	5.1	4.8	6.8	6.7	8.1	4.8	18.4	9.7																							
	NE	NNE	NE	NE	NE	NE	NE	NNE	NNE	NE	NE	NNE	NNE	NNE	N	N	N	N	NNE	NE	NE	NE	NE	NE			25(NNE)																							
Feb 15	8.3	8.6	8.9	6.7	7.5	8.3	7.3	8.7	5.5	1.1	1.2	2.5	3.4	2.6	2.6	1.5	1.7	1.0	1.6	4.4	5.6	6.7	8.7	7.7	1.0	8.9	5.1																							
	NE	NE	NE	NE	NE	NE	ENE	ENE	SSE	SW	SW	WSW	WSW	WSW	WSW	SSW	SSW	ESE	E	E	E	E	E				66(ENE)																							
	9.3	8.8	6.5	4.7	12.8	14.9	16.0	19.8	21.2	19.5	18.1	13.0	10.7	10.8	12.6	10.1	9.9	12.1	13.9	16.5	25.4	24.2	20.9	18.3	4.7	25.4	14.6																							
Feb 17	E	E	ESE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	ESE	SE	ESE	E	E	ESE	ESE	ESE				110(ESE)																							
	17.5	15.9	17.3	14.7	15.2	13.3	10.8	8.8	12.4	8.5	6.3	4.6	2.9	7.7	5.8	4.5	1.6	5.1	3.7	7.2	8.9	10.9	15.7	16.9	1.6	17.5	9.8																							
	ESE	ESE	ESE	E	E	ESE	ESE	E	E	ESE	ESE	ENE	NNW	N	W	WNW	NNW	NNE	NE	E	E	ESE	SE				105(ESE)																							
Feb 18	16.6	14.4	17.7	19.4	18.1	22.0	17.7	17.2	19.6	20.1	17.2	14.5	18.6	14.0	16.2	21.7	16.9	20.8	17.9	20.3	19.8	20.8	20.0	22.1	14.0	22.1	18.5																							
	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE				115(ESE)																							
	20.3	20.9	20.0	17.2	17.0	20.3	20.3	20.3	17.5	18.3	15.0	8.8	8.2	3.8	3.5	5.7	4.5	2.5	4.6	2.3	8.4	12.9	15.3	18.5	2.3	20.9	12.8																							
Feb 20	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSW	WNW	WNW	WNW	NNE	NE	E	SSE	SE	SE	SSE				133(SE)																							
	17.4	19.3	18.3	18.9	20.1	21.3	16.7	10.7	15.5	18.6	19.6	16.2	13.3	9.3	6.4	10.0	10.9	11.3	10.5	14.3	14.9	17.7	12.1	12.2	6.4	21.3	14.8																							
	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SW	SW	SSW	S	S	S	S	SSE	S	S	S	S	SSW	SSW	SW			186(S)																							
Feb 21	11.8	16.0	14.8	10.0	5.8	5.2	10.1	6.7	6.5	7.1	7.1	6.6	7.0	10.0	7.9	6.3	4.8	10.0	9.6	8.1	9.4	12.9	9.1	11.0	4.8	16.0	8.9																							
	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	SSE	SE	SSE	SSE	SE	SE			198(SSW)																							
	12.7	17.0	19.4	19.7	17.6	12.5	7.8	11.0	11.9	15.7	15.4	17.4	13.9	13.1	14.9	13.3	9.4	8.8	10.6	24.2	4.8	8.5	6.7	5.4	4.8	24.2	13.0																							
Feb 22	ESE	SE	SE	SSE	SSE	S	ESE	SSE	S	S	S	SSW	S	S	SSE	S	S	SE	SE	SW	SSW	ENE	ENE	SE			164(SSE)																							
	17.5	19.0	15.2	17.5	19.4	23.2	27.7	30.0	25.9	28.5	29.5	26.0	18.9	14.5	23.0	25.9	17.7	5.9	4.3	4.0	1.3	2.7	2.6	6.6	1.3	30.0	17.0																							
	S	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	W	NE	NE	SE	SW	ESE	ENE				255(WSW)																							
Feb 24	3.3	6.3	6.4	7.8	11.2	10.8	13.7	9.6	8.3	11.6	10.5	13.0	10.4	8.6	10.0	6.6	1.8	5.8	3.8	4.6	7.6	6.8	8.7	4.9	1.8	13.7	8.0																							
	SSE	SSW	SSW	SSW	S	S	SSW	S	S	S	S	S	S	SSW	WSW	WSW	SW	WSW	WSW	SW	S	S	SSW	SSW			198(SSW)																							
	9.1	8.1	5.1	6.8	8.1	6.8	6.5	4.7	2.4	4.7	7.8	7.7	9.5	9.7	9.3	9.8	8.4	3.0	5.6	10.9	13.4	8.4	12.8	14.5	2.4	14.5	8.0																							
Feb 26	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	ESE	S	SSW	SSW	SSW	S	S	S	S	SSW	SSW	SW	SW	W	W	WSW			209(SSW)																							
	15.2	17.3	14.7	11.1	6.9	10.4	9.7	7.3	6.4	7.8	7.2	8.8	8.2	8.8	10.3	12.8	7.9	8.7	5.9	5.8	15.5	21.0	21.5	23.5	5.8	23.5	11.4																							
	WSW	WSW	SW	WSW	SSW	SSW	SW	SW	SW	WSW	SSW	SSW	SSW	WSW	SW	WSW	SW	WSW	WSW	S	SSE	SSE	SSE	S			212(SSW)																							
Feb 27	20.5	21.1	16.5	12.6	9.6	14.0	23.8	27.9	32.5	33.9	30.9	24.6	27.7	25.7	23.8	26.6	22.9	14.9	17.2	15.7	12.8	14.4	13.4	10.1	9.6	33.9	20.5																							
	SSE	SSE	SSE	S	S	SW	WSW	WSW	W	W	WSW	W	W	W	W	WNW	W	WSW	W	WNW	SW	WSW	WSW	WSW			254(WSW)																							
	14.9	14.5	12.8	11.4	12.0	12.4	11.6	7.7	8.2	8.5	5.9	8.2	12.0	12.2	8.6	3.1	3.2	7.1	3.8	5.9	7.6	11.6	14.6	17.0	3.1	17.0	9.8																							
Feb 28	WSW	WSW	W	W	SW	WSW	SW	SSW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	S	SSE	SSE	SSE	SSE	SSE	SSE			213(SSW)																							
C	Monthly Calibration										S										Daily Zero-Span Check										Q										Quality Assurance									
K	Collection Error										ND										No Data (Machine Not in Service)										Y																			

PRC STATION

Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb																											
Number of 1-Hour Exceedances:				0				Number of 24-Hour Exceedances:				0				30-Day Exceedence:				0							
Maximum Hourly Value:				4 ppb on Feb 5 at hr 11				Hours in Service:				672															
Maximum Daily Value:				1.7 ppb on Feb 5				Hours of Data:				600															
Minimum Hourly Value:				0 ppb on Feb 1 at hr 0				Hours of Missing Data:				41															
Minimum Daily Value:				0.0 ppb on Feb 1				Hours of Calibration:				31															
Monthly Average:				0.3 ppb				Operational Uptime:				93.9															
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	0	0.0
Feb 2	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 3	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 4	0	0	0	S	0	0	0	0	0	1	1	1	1	3	3	3	2	1	1	1	1	1	1	1	0	3	1.0
Feb 5	1	1	S	1	0	1	1	2	2	2	3	4	4	3	3	2	2	2	1	1	1	1	1	1	0	4	1.7
Feb 6	1	S	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3
Feb 7	S	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	S	0	1	0.0
Feb 8	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	S	0	0	1	0.1
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0.0
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0.0
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0.0
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0
Feb 14	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1	S	0	0	0	0	0	0	0	0	0	2	0.7
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0.0
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	1	1	1	X	X	0	1	0.1
Feb 17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0	0	NA
Feb 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	C	C	C	C	2	2	2	2	2	2	2	NA
Feb 19	2	2	2	2	1	1	1	1	1	1	1	S	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.2
Feb 20	1	1	1	1	1	1	1	1	0	1	S	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1.0
Feb 21	1	1	1	1	1	1	1	1	1	S	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.6
Feb 22	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.0
Feb 23	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 24	0	0	0	0	0	0	S	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Feb 25	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 26	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.0
Feb 27	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 28	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Diurnal Maximum	2	2	2	2	1	1	2	2	2	2	3	4	4	3	3	3	2	2	1	2	2	2	2	2			
Diurnal Average	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance										
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)							P	Power Failure										
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

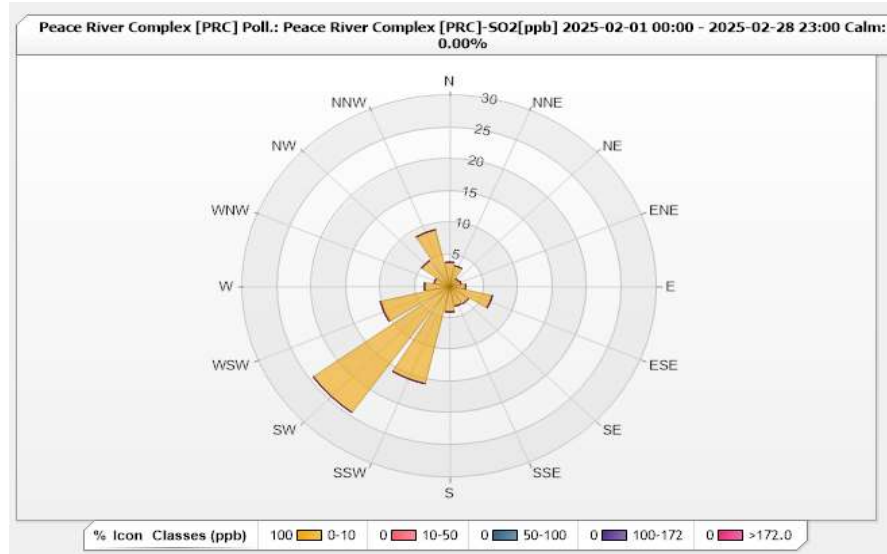


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-SO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

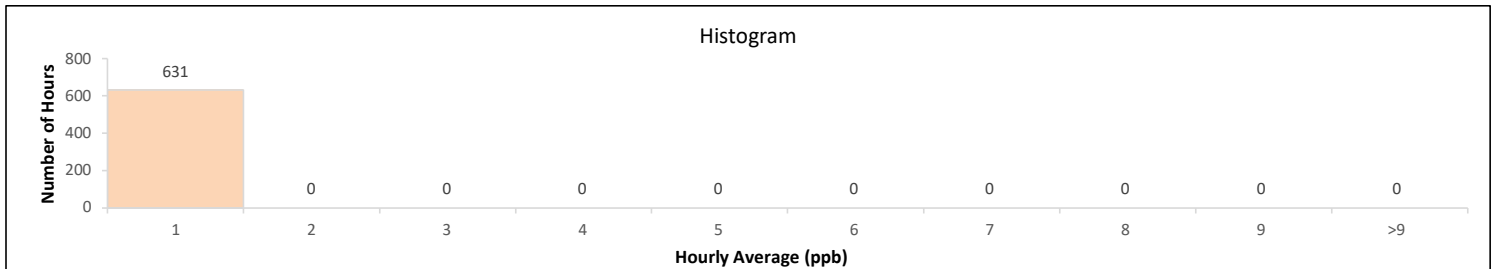
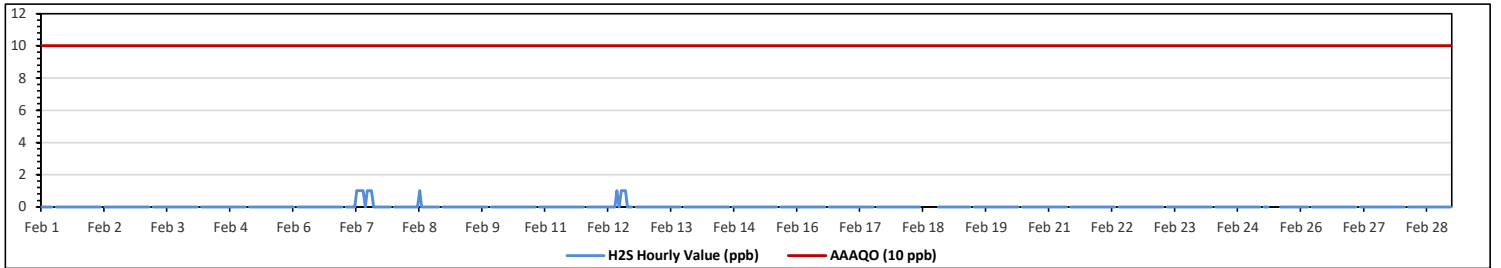
Calm: 0.00% Valid Data: 89.29% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	3.83	0	0	0	0	3.83
NNE	3.33	0	0	0	0	3.33
NE	1.5	0	0	0	0	1.5
ENE	1.67	0	0	0	0	1.67
E	2.33	0	0	0	0	2.33
ESE	6.33	0	0	0	0	6.33
SE	3.33	0	0	0	0	3.33
SSE	3.17	0	0	0	0	3.17
S	4	0	0	0	0	4
SSW	15.67	0	0	0	0	15.67
SW	24.33	0	0	0	0	24.33
WSW	10.33	0	0	0	0	10.33
W	3.67	0	0	0	0	3.67
WNW	2.33	0	0	0	0	2.33
NW	5	0	0	0	0	5
NNW	9.17	0	0	0	0	9.17
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
HYDROGEN SULPHIDE (H₂S) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 10 ppb, 24-Hour 3 ppb																																																			
Number of 1-Hour Exceedances:														Number of 24-Hour Exceedances:																																					
Maximum Hourly Value:														Hours in Service:																																					
Maximum Daily Value:														Hours of Data:																																					
Minimum Hourly Value:														Hours of Missing Data:																																					
Minimum Daily Value:														Hours of Calibration:																																					
Monthly Average:														Operational Uptime:																																					
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average																								
Feb 1	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 2	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 3	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 4	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 5	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 6	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 7	S	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	S	0	0.0																								
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	0	0	0.0																								
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0.0																								
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0.0																								
Feb 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0.0																								
Feb 12	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	S	0	0	0	0	0	1	0.0																								
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0																								
Feb 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0.0																								
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 18	0	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	C	C	C	0	0	0	0	0	0	0	-																								
Feb 19	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 20	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 21	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 22	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 23	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 24	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 25	0	0	0	0	S	0	0	0	0	NRM	NRM	NRM	NRM	NRM	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 26	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 27	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Feb 28	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0																								
Diurnal Maximum	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0																								
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance						Y	Routine Maintenance																													
K	Collection Error						ND	No Data (Machine Not in Service)														Power Failure																													
X	Invalid Data (Equipment Malfunction /Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																																											
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																																			
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																																			

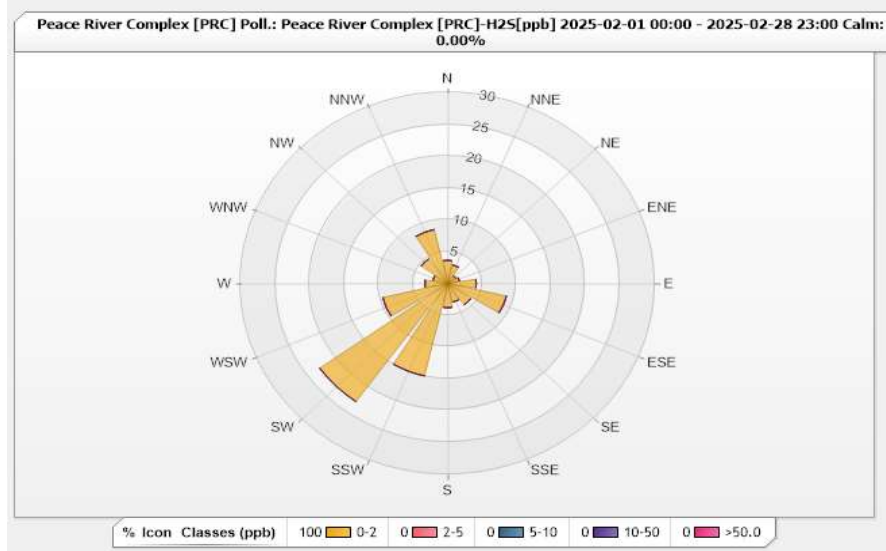


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-H2S[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 93.90% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	3.65	0	0	0	0	3.65
NNE	3.01	0	0	0	0	3.01
NE	1.43	0	0	0	0	1.43
ENE	1.74	0	0	0	0	1.74
E	4.12	0	0	0	0	4.12
ESE	8.72	0	0	0	0	8.72
SE	4.12	0	0	0	0	4.12
SSE	3.01	0	0	0	0	3.01
S	3.8	0	0	0	0	3.8
SSW	14.9	0	0	0	0	14.9
SW	22.82	0	0	0	0	22.82
WSW	9.67	0	0	0	0	9.67
W	3.33	0	0	0	0	3.33
WNW	2.22	0	0	0	0	2.22
NW	4.75	0	0	0	0	4.75
NNW	8.72	0	0	0	0	8.72
Summary	100	0	0	0	0	100



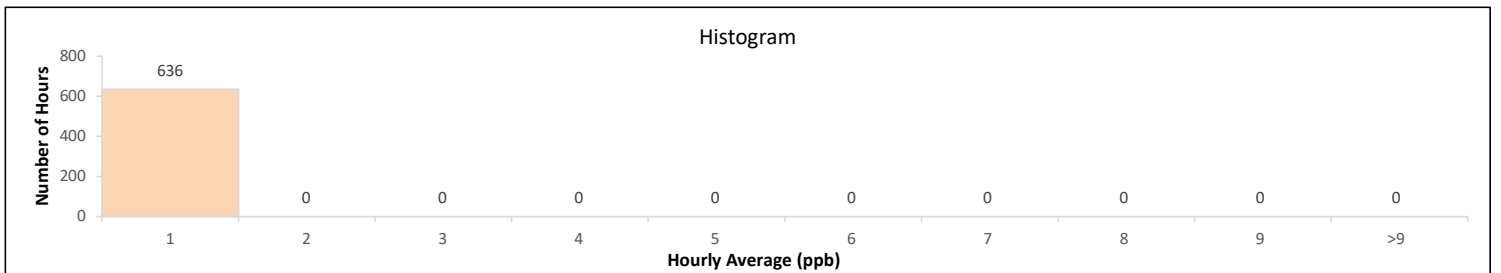
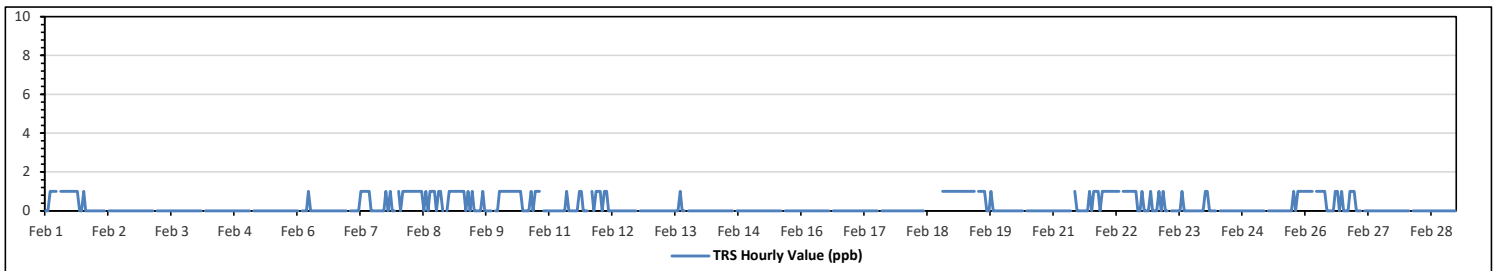
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1	ppb	on Feb 1 at hr 2	Hours in Service:	672
Maximum Daily Value:	0.7	ppb	on Feb 8	Hours of Data:	636
Minimum Hourly Value:	0	ppb	on Feb 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0	ppb	on Feb 2	Hours of Calibration:	36
Monthly Average:	0.2	ppb		Operational Uptime:	100.0

Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	0	0	1	1	1	1	S	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6					
Feb 2	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Feb 3	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Feb 4	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Feb 5	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Feb 6	0	0	S	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0						
Feb 7	S	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	S	0	1	0.3							
Feb 8	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0	S	0	1	0.7							
Feb 9	1	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	0	1	0.5							
Feb 10	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	S	0	0	0	0	0	0	1	0.7								
Feb 11	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	S	1	0	0	1	1	0	1	1	0	0.3							
Feb 12	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	1	0.1							
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	0.0							
Feb 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0.0							
Feb 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0							
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0							
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0							
Feb 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	C	C	1	1	1	1	1	1	0	1	NA							
Feb 19	1	1	1	1	1	1	1	1	1	1	1	1	S	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.7							
Feb 20	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0							
Feb 21	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0.3							
Feb 22	1	1	1	1	1	1	1	1	1	S	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0.7							
Feb 23	0	0	0	1	0	1	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1						
Feb 24	1	1	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1							
Feb 25	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0.2							
Feb 26	1	1	1	0	1	S	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	1	0.7						
Feb 27	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Feb 28	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0						
Diurnal Maximum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Diurnal Average	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2										

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)		P Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of 30-Minute Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Alberta Ambient Air Quality Guideline (AAAQG) for TRS: 30-minute 5 ppb

Number of 30-Minute Exceedances: 0

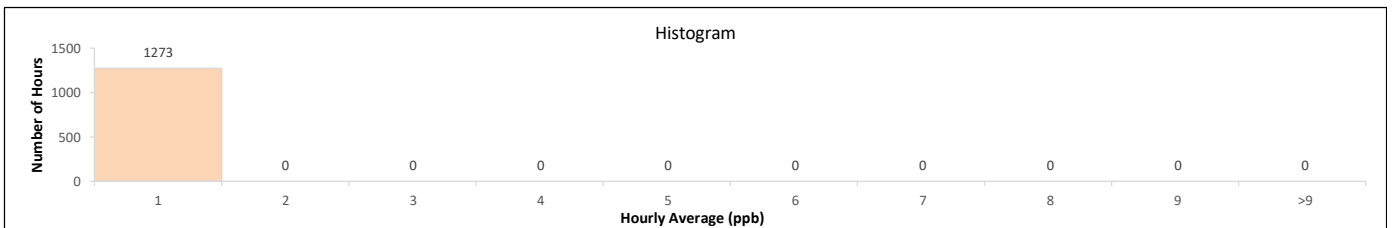
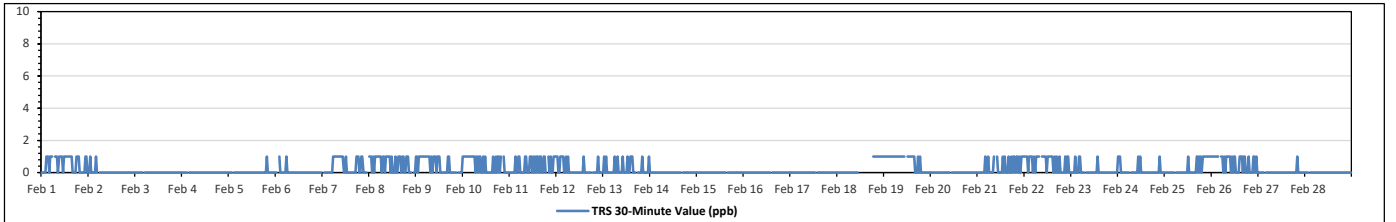
Maximum 30-Minute Value:	1	ppb	on Feb 1 at 02:30	# of Instrument in Service	1344
Maximum Daily Value:	1.0	ppb	on Feb 1	# of Valid Measurements	1273
Minimum 30-Minute Value:	0	ppb	Feb 1 at 00:00	# of Missing Measurements:	0
Minimum Daily Value:	0.0	ppb	on Feb 2	# of Calibration:	71
Monthly Average:	0.2	ppb		Operational Uptime:	100.0

Day	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Diurnal Maximum	Diurnal Average		
30-Minute Period Starting at (MST)	00:00	0	0	0	0	0	0	S	1	1	1	0	1	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0.3		
	00:30	0	0	0	0	0	0	S	1	1	1	0	1	1	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0.3		
	01:00	0	1	0	0	0	0	S	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0.3		
	01:30	0	0	0	0	0	0	S	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0.2		
	02:00	0	0	0	0	0	S	1	0	0	1	1	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0.3		
	02:30	1	0	0	0	0	S	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	S	1	0.3	
	03:00	1	0	0	0	0	S	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	1	S	0	1	0.3	
	03:30	1	0	0	0	0	S	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	S	0	1	0.3	
	04:00	0	1	S	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	1	1	0	0	S	0	0	1	0.3	
	04:30	1	0	S	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	S	0	0	1	0.3	
	05:00	1	S	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	S	1	0	0	1	0.3	
	05:30	1	S	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	S	1	0	0	1	0.3	
	06:00	S	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	0	S	0	0	0	0	1	0.3	
	06:30	S	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	S	0	1	0	0	1	0.2	
	07:00	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	S	0	0	0	0	0	1	0.3	
	07:30	1	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	1	0	0	1	S	0	0	1	0	0	1	0.3	
	08:00	1	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	S	0	0	0	1	0	0	1	0.2	
	08:30	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	S	0	0	1	0	0	1	0.3	
	09:00	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	S	1	0	0	0	1	0	0	1	0.3	
	09:30	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	S	1	0	0	0	1	0	0	1	0.3	
	10:00	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	1	S	1	1	0	0	0	0	0	0	1	0.3
	10:30	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	S	0	1	0	1	0	1	0	0	1	0.3
	11:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	C	S	0	0	1	0	0	0	0	0	0	1	0.1
	11:30	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	C	1	0	0	0	1	0	0	1	0	0	1	0.2
	12:00	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	C	1	0	0	1	0	0	1	1	0	0	1	0.3
	12:30	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	C	1	0	0	1	0	0	0	0	0	0	1	0.1
	13:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	S	C	1	0	1	1	0	0	0	0	0	1	0.2
	13:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	C	1	0	0	1	1	0	0	0	0	1	0.2
14:00	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	S	0	C	1	0	0	1	1	0	0	0	0	0	1	0.3	
14:30	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	S	0	C	1	0	0	1	0	0	0	1	0	0	1	0.2	
15:00	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	S	0	C	1	0	0	0	0	0	0	0	1	0	0	1	0.2	
15:30	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	S	0	C	1	0	0	1	0	0	0	1	0	0	1	0.3	
16:00	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	S	0	C	0	0	0	1	0	0	0	0	0	0	0	1	0.1	
16:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	C	0	0	0	1	0	0	0	1	1	0	0	1	0.2
17:00	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	C	0	0	0	0	0	0	1	1	0	0	1	0.2	
17:30	0	0	0	0	0	0	1	1	0	0	0	1	0	S	0	0	0	0	C	1	0	0	1	0	0	0	0	0	0	1	0.2	
18:00	1	0	0	0	0	0	1	0	0	1	1	S	0	0	0	0	0	0	C	0	0	0	1	0	0	1	0	0	0	1	0.2	
18:30	1	0	0	0	0	0	1	0	0	1	0	S	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	1	0.3	
19:00	1	0	0	0	0	0	0	1	0	0	S	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1	0.2	
19:30	0	0	0	0	0	1	0	0	1	0	1	S	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0.2	
20:00	0	0	0	0	0	0	0	1	1	0	S	1	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	1	0.3	
20:30	0	0	0	0	0	0	0	1	0	0	S	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0.1	
21:00	0	0	0	0	0	0	0	0	0	S	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0.2	
21:30	0	0	0	0	0	0	0	0	0	S	0	0	0	1	0	0	0	0	1	0	0	1	0	0	1	1	1	0	0	1	0.2	
22:00	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	1	0.1	
22:30	1	0	0	0	0	0	0	S	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	1	0.2	
23:00	1	0	0	0	0	0	S	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0.2	
23:30	0	0	0	0	0	0	S	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0.2	
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Maximum	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1		
Average	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0		

C Monthly Calibration	S Daily Zero-Span Check	Q Quality Assurance	P Power Failure	X Invalid Data (Equipment Malfunction)
K Collection Error	ND No Data (Machine Not in Service)	Y Routine Maintenance	NRM UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

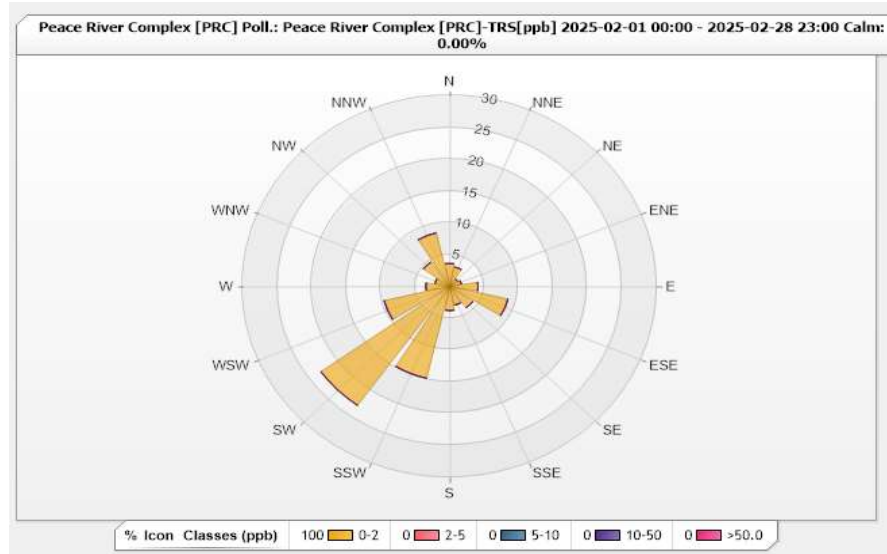


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-TRS[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.64% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	3.62	0	0	0	0	3.62
NNE	3.14	0	0	0	0	3.14
NE	1.42	0	0	0	0	1.42
ENE	1.73	0	0	0	0	1.73
E	4.09	0	0	0	0	4.09
ESE	8.65	0	0	0	0	8.65
SE	4.09	0	0	0	0	4.09
SSE	2.99	0	0	0	0	2.99
S	3.77	0	0	0	0	3.77
SSW	14.78	0	0	0	0	14.78
SW	22.96	0	0	0	0	22.96
WSW	9.75	0	0	0	0	9.75
W	3.46	0	0	0	0	3.46
WNW	2.2	0	0	0	0	2.2
NW	4.72	0	0	0	0	4.72
NNW	8.65	0	0	0	0	8.65
Summary	100	0	0	0	0	100



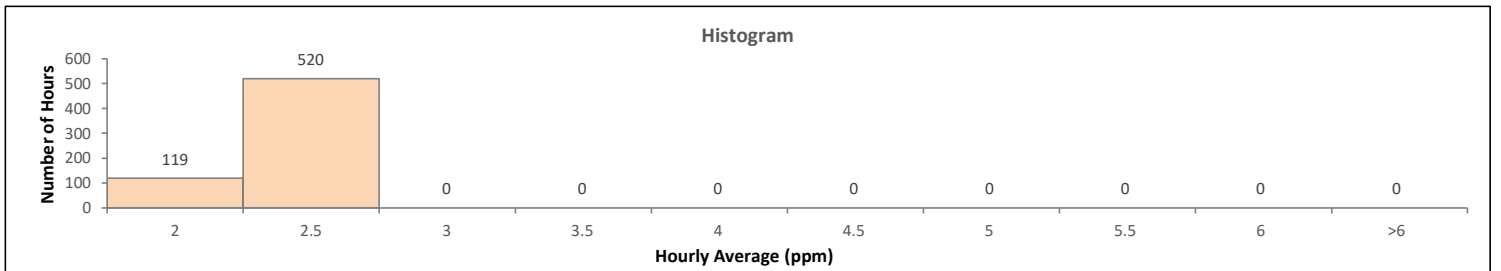
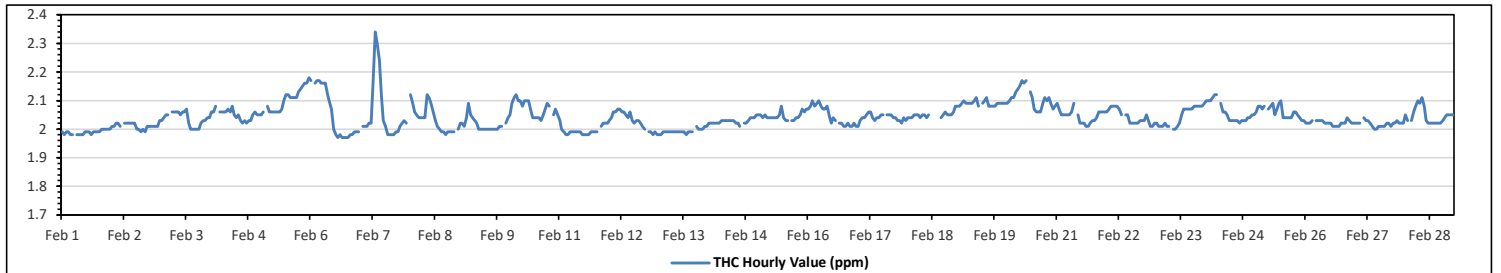
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.34	ppm	on Feb 7 at hr 7	Hours in Service:	672
Maximum Daily Value:	2.11	ppm	on Feb 20	Hours of Data:	639
Minimum Hourly Value:	1.97	ppm	on Feb 6 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	1.99	ppm	on Feb 1	Hours of Calibration:	33
Monthly Average:	2.04	ppm		Operational Uptime:	100.0

Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)														10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	1.99	1.98	1.99	1.99	1.98	1.98	S	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.98	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.98	2.00	1.99								
Feb 2	2.01	2.01	2.02	2.02	2.01	S	2.02	2.02	2.02	2.02	2.02	2.02	2.00	2.00	1.99	2.00	1.99	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	1.99	2.03	2.01									
Feb 3	2.03	2.04	2.05	2.05	S	2.06	2.06	2.06	2.06	2.05	2.06	2.06	2.07	2.02	2.00	2.00	2.00	2.00	2.02	2.03	2.03	2.04	2.04	2.00	2.02	2.03	2.04	2.04	2.00	2.07	2.04										
Feb 4	2.06	2.06	2.08	S	2.06	2.06	2.06	2.06	2.06	2.07	2.06	2.08	2.05	2.04	2.05	2.03	2.02	2.03	2.02	2.03	2.03	2.05	2.06	2.05	2.05	2.05	2.05	2.05	2.02	2.08	2.05										
Feb 5	2.05	2.06	S	2.08	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.10	2.12	2.12	2.11	2.11	2.11	2.13	2.14	2.15	2.16	2.16	2.18	2.05	2.18	2.10	2.05	2.18	2.10											
Feb 6	2.17	S	2.16	2.17	2.17	2.16	2.16	2.16	2.12	2.09	2.07	2.00	1.98	1.97	1.98	1.97	1.97	1.97	1.97	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.97	2.17	2.05										
Feb 7	S	2.01	2.01	2.01	2.02	2.02	2.16	2.34	2.30	2.24	2.12	2.03	2.01	1.98	1.98	1.98	1.98	1.99	1.99	2.01	2.02	2.03	2.02	S	1.98	2.34	2.06	2.05	2.18	2.10											
Feb 8	2.12	2.09	2.06	2.05	2.04	2.04	2.04	2.04	2.12	2.11	2.09	2.06	2.03	2.01	2.00	1.99	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	S	2.00	1.98	2.12	2.04									
Feb 9	2.02	2.02	2.01	2.04	2.09	2.05	2.04	2.03	2.02	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	2.01	S	2.02	2.04	2.00	2.09	2.02	2.05	2.03	2.09	2.02										
Feb 10	2.05	2.09	2.11	2.12	2.10	2.10	2.08	2.10	2.10	2.10	2.07	2.04	2.04	2.04	2.04	2.03	2.05	2.07	2.09	2.08	S	2.05	2.07	2.05	2.03	2.12	2.07	2.05	2.03	2.12	2.07										
Feb 11	2.03	2.00	1.99	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	S	2.01	2.02	2.02	2.02	1.98	2.03	1.99	1.98	2.07	2.03											
Feb 12	2.03	2.04	2.06	2.06	2.07	2.07	2.06	2.06	2.05	2.04	2.06	2.03	2.02	2.03	2.03	2.02	2.01	2.00	S	1.99	1.99	1.98	1.99	1.98	1.99	1.98	2.01	1.98	2.01	1.99	2.03										
Feb 13	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.98	1.99	1.99	1.99	S	2.01	2.00	2.00	2.00	2.01	2.01	1.98	2.01	1.99	1.98	2.01	1.99	2.03										
Feb 14	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.01	S	2.02	2.02	2.03	2.04	2.04	2.04	2.05	2.01	2.05	2.03	2.03	2.08	2.05											
Feb 15	2.05	2.05	2.04	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.08	2.04	2.03	2.03	S	2.03	2.03	2.04	2.04	2.05	2.07	2.06	2.07	2.03	2.08	2.05	2.03	2.08	2.05											
Feb 16	2.07	2.08	2.10	2.08	2.09	2.10	2.08	2.07	2.07	2.08	2.05	2.02	2.04	2.03	S	2.02	2.02	2.01	2.01	2.02	2.01	2.02	2.01	2.01	2.02	2.01	2.10	2.05	2.03	2.08	2.05										
Feb 17	2.01	2.03	2.04	2.04	2.05	2.06	2.06	2.04	2.03	2.04	2.04	2.05	2.05	S	2.05	2.05	2.05	2.04	2.04	2.03	2.03	2.02	2.04	2.03	2.01	2.06	2.04	2.03	2.01	2.06	2.04										
Feb 18	2.04	2.04	2.04	2.05	2.05	2.05	2.04	2.05	2.05	2.04	2.05	C	C	C	C	C	2.04	2.05	2.06	2.05	2.05	2.05	2.05	2.06	2.08	2.04	2.08	2.05	2.03	2.09	2.02										
Feb 19	2.08	2.08	2.09	2.10	2.09	2.09	2.09	2.09	2.10	2.11	2.08	S	2.09	2.10	2.11	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.11	2.09	2.08	2.11	2.09										
Feb 20	2.09	2.10	2.11	2.11	2.13	2.14	2.15	2.17	2.16	2.17	S	2.13	2.11	2.07	2.06	2.06	2.06	2.09	2.11	2.10	2.11	2.09	2.07	2.08	2.06	2.17	2.11	2.05	2.18	2.10											
Feb 21	2.09	2.07	2.05	2.05	2.05	2.05	2.05	2.06	2.09	S	2.05	2.02	2.02	2.02	2.01	2.01	2.02	2.03	2.03	2.04	2.06	2.06	2.06	2.06	2.01	2.09	2.05	2.03	2.08	2.05											
Feb 22	2.06	2.07	2.08	2.08	2.08	2.08	2.07	2.05	S	2.05	2.05	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.05	2.03	2.01	2.01	2.02	2.01	2.08	2.04	2.03	2.01	2.08	2.04										
Feb 23	2.02	2.01	2.01	2.01	2.02	2.01	2.01	S	2.00	2.00	2.01	2.02	2.05	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.00	2.09	2.04	2.03	2.08	2.05											
Feb 24	2.10	2.10	2.10	2.11	2.12	2.12	S	2.09	2.06	2.06	2.05	2.03	2.03	2.03	2.03	2.03	2.02	2.03	2.03	2.03	2.04	2.04	2.05	2.05	2.02	2.12	2.06	2.03	2.08	2.05											
Feb 25	2.06	2.08	2.08	2.07	2.08	S	2.07	2.08	2.09	2.05	2.07	2.09	2.10	2.04	2.04	2.04	2.04	2.06	2.06	2.05	2.04	2.03	2.03	2.03	2.03	2.10	2.06	2.03	2.08	2.05											
Feb 26	2.02	2.02	2.02	2.03	S	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.04	2.03	2.02	2.02	2.01	2.04	2.02	2.03	2.01	2.04	2.02										
Feb 27	2.02	2.02	2.02	S	2.04	2.03	2.03	2.02	2.01	2.00	2.00	2.01	2.01	2.01	2.01	2.02	2.02	2.01	2.02	2.02	2.03	2.02	2.02	2.02	2.00	2.04	2.02	2.03	2.01	2.04	2.02										
Feb 28	2.05	2.03	S	2.03	2.06	2.08	2.10	2.09	2.11	2.08	2.03	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.04	2.05	2.05	2.05	2.05	2.02	2.11	2.05	2.03	2.08	2.05											
Diurnal Maximum	2.17	2.10	2.16	2.17	2.17	2.16	2.16	2.34	2.30	2.24	2.12	2.13	2.12	2.12	2.11	2.11	2.11	2.11	2.13	2.14	2.15	2.16	2.16	2.18																	
Diurnal Average	2.05	2.04	2.05	2.05	2.06	2.06	2.06	2.07	2.06	2.06	2.04	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.03	2.04	2.04	2.04	2.04	2.04																	

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction/Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

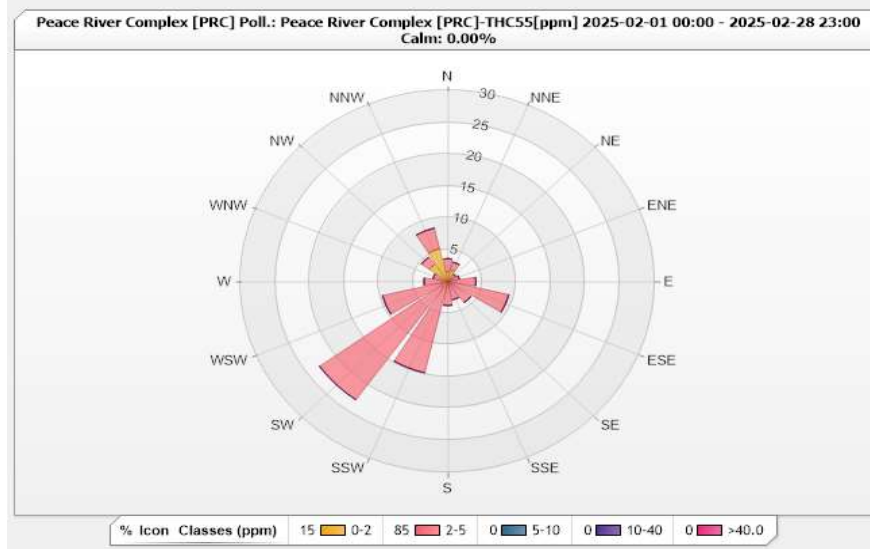


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-THC55[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	1.56	2.03	0	0	0	3.59
NNE	1.88	1.25	0	0	0	3.13
NE	0.31	1.1	0	0	0	1.41
ENE	0.16	1.56	0	0	0	1.72
E	0.16	3.91	0	0	0	4.07
ESE	0	9.08	0	0	0	9.08
SE	0	4.07	0	0	0	4.07
SSE	0	2.97	0	0	0	2.97
S	0	3.76	0	0	0	3.76
SSW	0	14.71	0	0	0	14.71
SW	1.1	21.75	0	0	0	22.85
WSW	0.94	8.76	0	0	0	9.7
W	0.16	3.29	0	0	0	3.45
WNW	0.47	1.72	0	0	0	2.19
NW	3.29	1.41	0	0	0	4.7
NNW	5.32	3.29	0	0	0	8.61
Summary	15.35	84.66	0	0	0	100

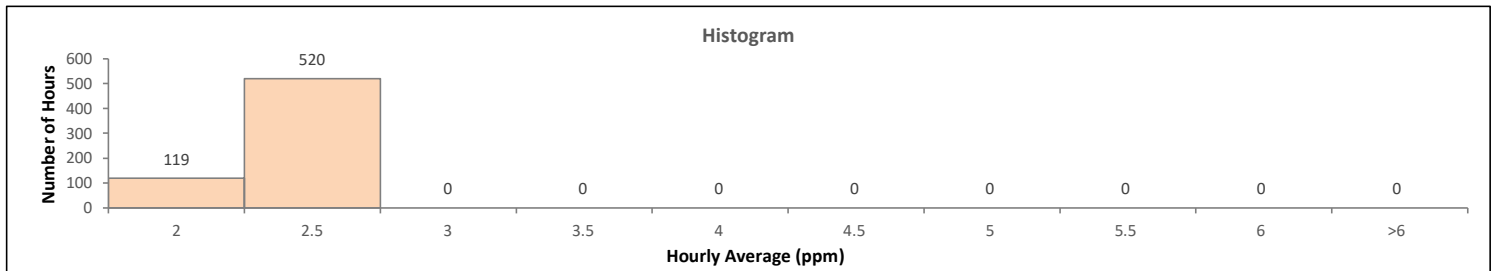
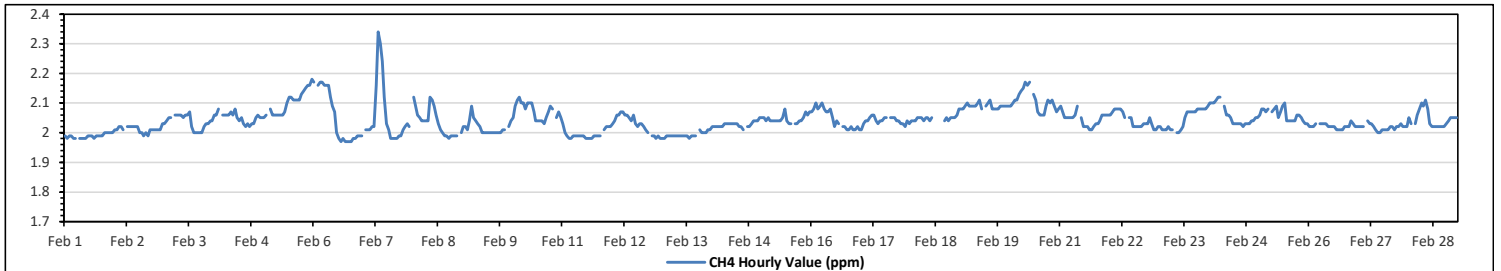


Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
METHANE (CH4) in ppm

Maximum Hourly Value:	2.34	ppm	on Feb 7 at hr 7	Hours in Service:	672
Maximum Daily Value:	2.11	ppm	on Feb 20	Hours of Data:	639
Minimum Hourly Value:	1.97	ppm	on Feb 6 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	1.99	ppm	on Feb 1	Hours of Calibration:	33
Monthly Average:	2.04	ppm		Operational Uptime:	100.0

Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)														10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	1.99	1.98	1.99	1.99	1.98	1.98	S	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.98	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.98	2.00	1.99							
Feb 2	2.01	2.01	2.02	2.02	2.01	S	2.02	2.02	2.02	2.02	2.02	2.02	2.00	2.00	1.99	2.00	1.99	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	1.99	2.03	2.01								
Feb 3	2.03	2.04	2.05	2.05	S	2.06	2.06	2.06	2.06	2.05	2.06	2.06	2.07	2.02	2.00	2.00	2.00	2.00	2.00	2.02	2.03	2.03	2.04	2.04	2.00	2.02	2.03	2.04	2.04	2.00	2.07	2.04									
Feb 4	2.06	2.06	2.08	S	2.06	2.06	2.06	2.06	2.06	2.07	2.06	2.08	2.05	2.04	2.05	2.03	2.02	2.03	2.02	2.03	2.03	2.05	2.06	2.05	2.05	2.02	2.08	2.08	2.05	2.02	2.08	2.05									
Feb 5	2.05	2.06	S	2.08	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.10	2.12	2.12	2.11	2.11	2.11	2.11	2.13	2.14	2.15	2.16	2.16	2.18	2.05	2.18	2.10	2.05	2.18	2.10										
Feb 6	2.17	S	2.16	2.17	2.17	2.16	2.16	2.16	2.12	2.09	2.07	2.00	1.98	1.97	1.98	1.97	1.97	1.97	1.97	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.97	2.17	2.05									
Feb 7	S	2.01	2.01	2.01	2.02	2.02	2.16	2.34	2.30	2.24	2.12	2.03	2.01	1.98	1.98	1.98	1.98	1.99	1.99	2.01	2.02	2.03	2.02	S	1.98	2.34	2.06	2.06	2.06	2.06	2.06										
Feb 8	2.12	2.09	2.06	2.05	2.04	2.04	2.04	2.04	2.12	2.11	2.09	2.06	2.03	2.01	2.00	1.99	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	S	2.00	1.98	2.12	2.04								
Feb 9	2.02	2.02	2.01	2.04	2.09	2.05	2.04	2.03	2.02	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	2.01	S	2.02	2.04	2.00	2.09	2.02	2.02	2.02	2.02	2.02									
Feb 10	2.05	2.09	2.11	2.12	2.10	2.10	2.08	2.10	2.10	2.10	2.07	2.04	2.04	2.04	2.04	2.03	2.05	2.07	2.09	2.08	S	2.05	2.07	2.05	2.03	2.12	2.07	2.07	2.07	2.07	2.07	2.07									
Feb 11	2.03	2.00	1.99	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	S	2.01	2.02	2.02	2.02	1.98	2.03	1.99	1.98	1.98	2.03	1.99										
Feb 12	2.03	2.04	2.06	2.06	2.07	2.07	2.06	2.06	2.05	2.04	2.06	2.03	2.02	2.03	2.03	2.02	2.01	2.00	S	1.99	1.99	1.98	1.99	1.98	1.99	1.98	2.07	2.03	2.03	2.03	2.03	2.03									
Feb 13	1.98	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.98	1.99	1.99	1.99	S	2.01	2.00	2.00	2.00	2.01	2.01	1.98	2.01	1.99	1.98	2.01	1.98	2.01	1.99									
Feb 14	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.01	S	2.02	2.02	2.03	2.04	2.04	2.04	2.05	2.01	2.05	2.03	2.03	2.03	2.03	2.03	2.03									
Feb 15	2.05	2.05	2.04	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.08	2.04	2.03	2.03	S	2.03	2.03	2.04	2.04	2.05	2.07	2.06	2.07	2.03	2.08	2.05	2.05	2.05	2.05	2.05									
Feb 16	2.07	2.08	2.10	2.08	2.09	2.10	2.08	2.07	2.07	2.08	2.05	2.02	2.04	2.03	S	2.02	2.02	2.01	2.01	2.02	2.01	2.02	2.01	2.01	2.02	2.01	2.02	2.01	2.01	2.01	2.10	2.05									
Feb 17	2.01	2.03	2.04	2.04	2.05	2.06	2.06	2.04	2.03	2.04	2.04	2.05	2.05	S	2.05	2.05	2.05	2.04	2.04	2.03	2.03	2.02	2.04	2.03	2.01	2.06	2.04	2.04	2.03	2.01	2.06	2.04									
Feb 18	2.04	2.04	2.04	2.05	2.05	2.05	2.04	2.05	2.05	2.04	2.05	C	C	C	C	C	C	2.04	2.05	2.04	2.05	2.05	2.05	2.05	2.06	2.08	2.04	2.08	2.05	2.05	2.05	2.05									
Feb 19	2.08	2.08	2.09	2.10	2.09	2.09	2.09	2.09	2.10	2.11	2.08	S	2.09	2.10	2.11	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.11	2.09	2.08	2.11	2.09	2.08									
Feb 20	2.09	2.10	2.11	2.11	2.13	2.14	2.15	2.17	2.16	2.17	S	2.13	2.11	2.07	2.06	2.06	2.06	2.09	2.11	2.10	2.11	2.09	2.07	2.08	2.06	2.17	2.11	2.09	2.07	2.08	2.06	2.17	2.11								
Feb 21	2.09	2.07	2.05	2.05	2.05	2.05	2.05	2.06	2.09	S	2.05	2.05	2.02	2.02	2.02	2.01	2.01	2.02	2.03	2.03	2.04	2.06	2.06	2.06	2.06	2.01	2.09	2.05	2.05	2.05	2.05	2.05									
Feb 22	2.06	2.07	2.08	2.08	2.08	2.08	2.07	2.05	S	2.05	2.05	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.05	2.03	2.01	2.01	2.02	2.01	2.08	2.04	2.04	2.01	2.08	2.04									
Feb 23	2.02	2.01	2.01	2.01	2.02	2.01	2.01	S	2.00	2.00	2.01	2.02	2.05	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.00	2.09	2.04	2.04	2.00	2.09	2.04									
Feb 24	2.10	2.10	2.10	2.11	2.12	2.12	S	2.09	2.06	2.06	2.05	2.03	2.03	2.03	2.03	2.03	2.02	2.03	2.03	2.03	2.04	2.04	2.05	2.05	2.02	2.12	2.06	2.06	2.06	2.06	2.06	2.06									
Feb 25	2.06	2.08	2.08	2.07	2.08	S	2.07	2.08	2.09	2.05	2.07	2.09	2.10	2.04	2.04	2.04	2.04	2.04	2.06	2.06	2.05	2.04	2.03	2.03	2.03	2.10	2.06	2.06	2.06	2.06	2.06	2.06									
Feb 26	2.02	2.02	2.02	2.03	S	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.04	2.03	2.02	2.02	2.01	2.04	2.02	2.02	2.02	2.02	2.02	2.02									
Feb 27	2.02	2.02	2.02	S	2.04	2.03	2.03	2.02	2.01	2.00	2.00	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.01	2.02	2.02	2.03	2.02	2.02	2.02	2.00	2.04	2.02	2.02	2.02	2.02	2.02									
Feb 28	2.05	2.03	S	2.03	2.06	2.08	2.10	2.09	2.11	2.08	2.03	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.04	2.05	2.05	2.05	2.05	2.02	2.11	2.05	2.05	2.05	2.05	2.05									
Diurnal Maximum	2.17	2.10	2.16	2.17	2.17	2.16	2.16	2.34	2.30	2.24	2.12	2.13	2.12	2.12	2.11	2.11	2.11	2.11	2.13	2.14	2.15	2.16	2.16	2.18																	
Diurnal Average	2.05	2.04	2.05	2.05	2.06	2.06	2.06	2.07	2.06	2.06	2.04	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.03	2.04	2.04	2.04	2.04	2.04																	
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance																										
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure																			
X	Invalid Data (Equipment Malfunction/Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																																	

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

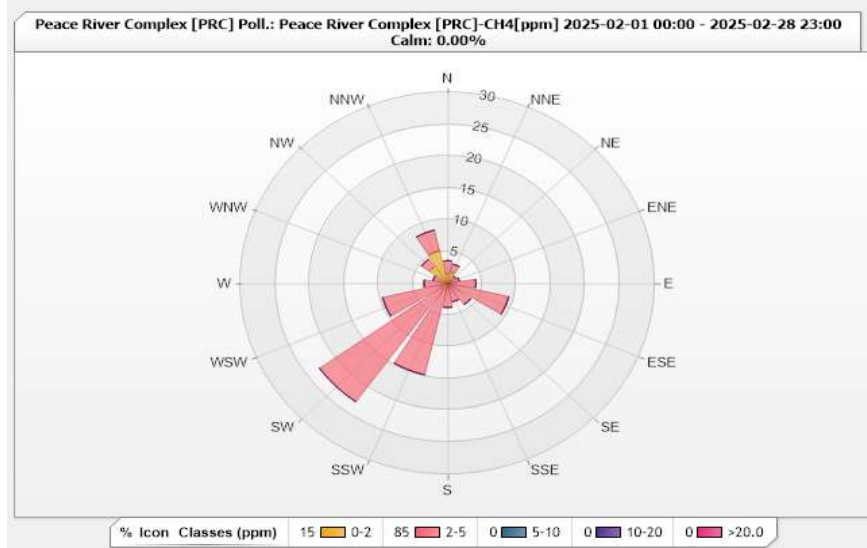


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-CH4[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

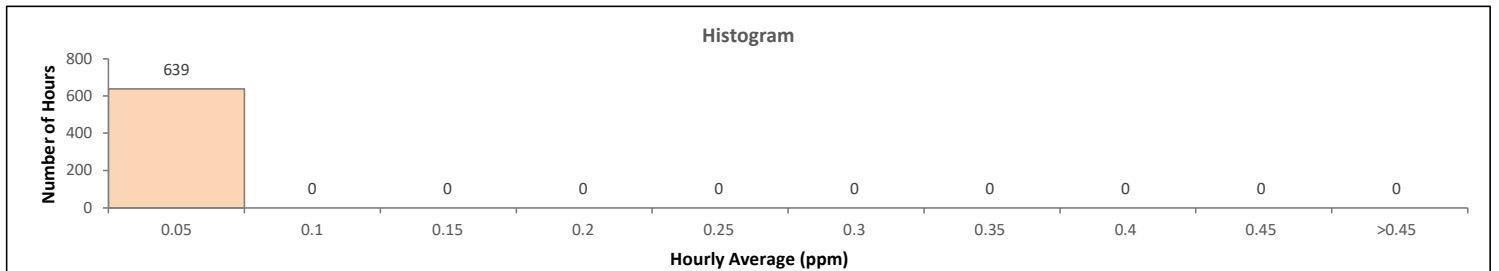
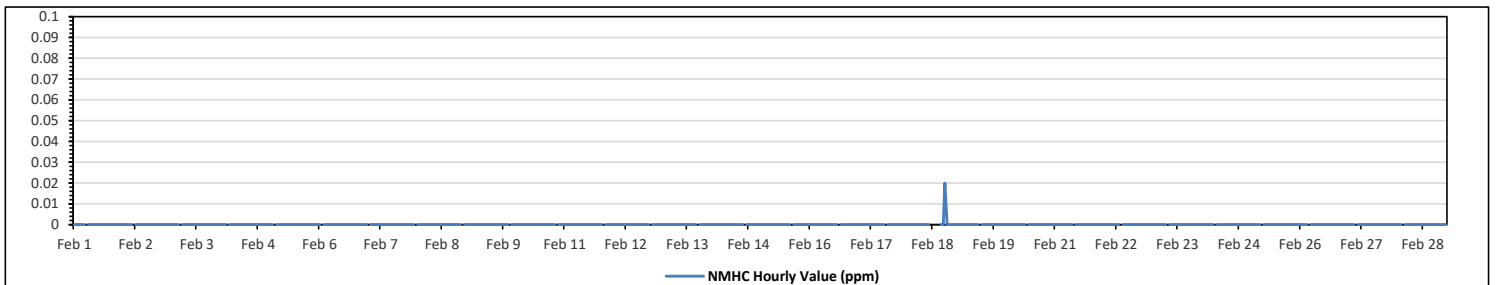
Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	1.56	2.03	0	0	0	3.59
NNE	1.88	1.25	0	0	0	3.13
NE	0.31	1.1	0	0	0	1.41
ENE	0.16	1.56	0	0	0	1.72
E	0.16	3.91	0	0	0	4.07
ESE	0	9.08	0	0	0	9.08
SE	0	4.07	0	0	0	4.07
SSE	0	2.97	0	0	0	2.97
S	0	3.76	0	0	0	3.76
SSW	0	14.71	0	0	0	14.71
SW	1.1	21.75	0	0	0	22.85
WSW	0.94	8.76	0	0	0	9.7
W	0.16	3.29	0	0	0	3.45
WNW	0.47	1.72	0	0	0	2.19
NW	3.29	1.41	0	0	0	4.7
NNW	5.32	3.29	0	0	0	8.61
Summary	15.35	84.66	0	0	0	100



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
NON-METHANE HYDROCARBONS (NMHC) in ppm

Maximum Hourly Value:						0.02	ppm	on Feb 18 at hr 18						Hours in Service:						672																		
Maximum Daily Value:						0.00	ppm	on Feb 18						Hours of Data:						639																		
Minimum Hourly Value:						0.00	ppm	on Feb 1 at hr 0						Hours of Missing Data:						0																		
Minimum Daily Value:						0.00	ppm	on Feb 1						Hours of Calibration:						33																		
Monthly Average:						0.00	ppm							Operational Uptime:						100.0																		
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													20	21	22	23	Daily Minimum	Daily Maximum	Daily Average								
Feb 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 3	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 4	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 5	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 6	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 7	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	
Feb 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	
Feb 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	
Feb 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	
Feb 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	
Feb 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	
Feb 13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Journal Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Journal Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance																							
X	Collection Error						N	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure																
X	Invalid Data (Equipment Malfunction /Recovery)						ND	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																														
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																						
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																						

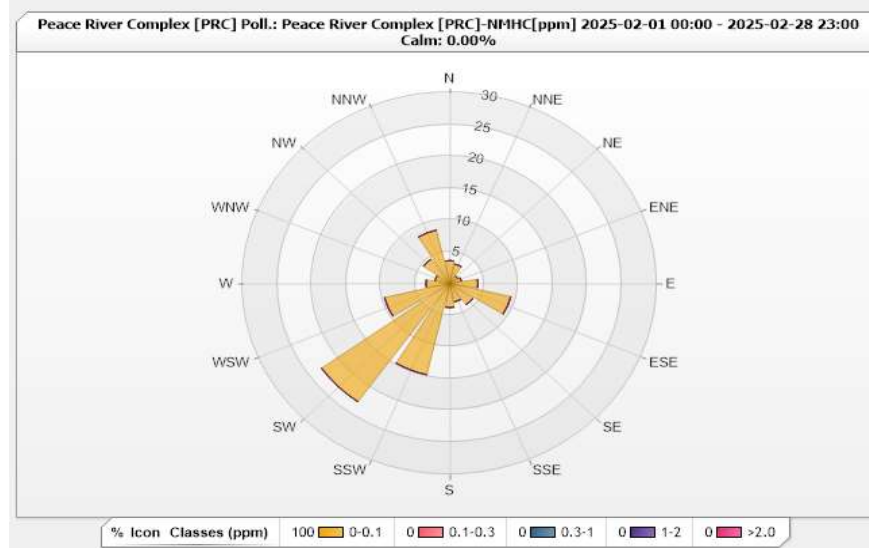


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-NMHC[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

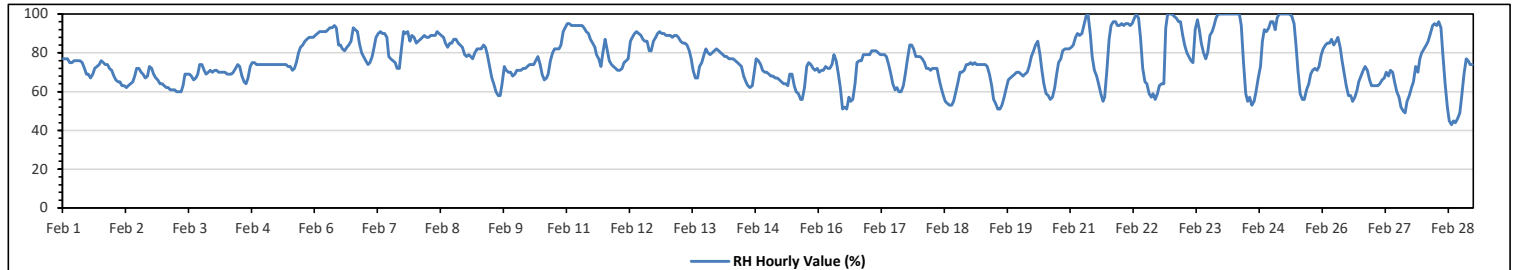
Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	3.6	0	0	0	0	3.6
NNE	3.13	0	0	0	0	3.13
NE	1.41	0	0	0	0	1.41
ENE	1.72	0	0	0	0	1.72
E	4.07	0	0	0	0	4.07
ESE	9.08	0	0	0	0	9.08
SE	4.07	0	0	0	0	4.07
SSE	2.97	0	0	0	0	2.97
S	3.76	0	0	0	0	3.76
SSW	14.71	0	0	0	0	14.71
SW	22.85	0	0	0	0	22.85
WSW	9.7	0	0	0	0	9.7
W	3.44	0	0	0	0	3.44
WNW	2.19	0	0	0	0	2.19
NW	4.69	0	0	0	0	4.69
NNW	8.61	0	0	0	0	8.61
Summary	100	0	0	0	0	100



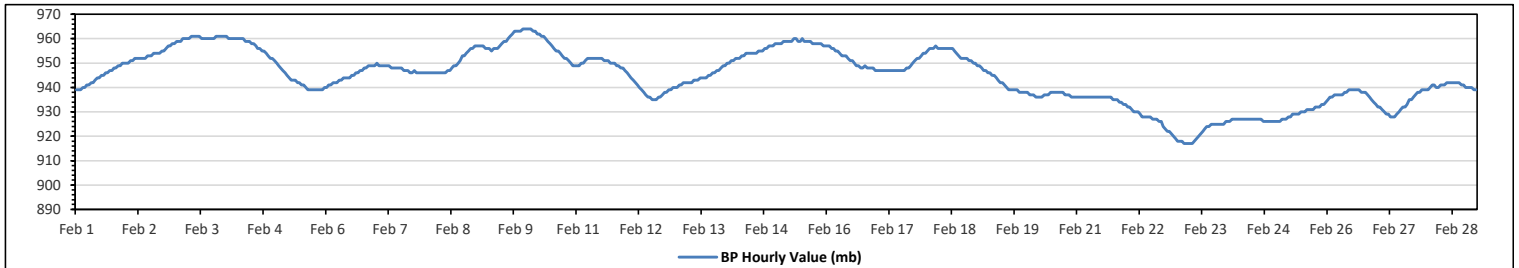
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Feb 21 at hr 8	Hours in Service:	672																								
Maximum Daily Value:	89.4	%	on Feb 23	Hours of Data:	672																								
Minimum Hourly Value:	43	%	on Feb 28 at hr 13	Hours of Missing Data:	0																								
Minimum Daily Value:	64.1	%	on Feb 27	Hours of Calibration:	0																								
Monthly Average:	75.9	%		Operational Uptime:	100.0																								
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average			
Feb 1	77	77	77	75	75	76	76	76	76	75	72	69	69	67	69	72	73	74	76	75	74	74	72	71	67	77	73.6		
Feb 2	68	66	65	65	63	63	62	63	64	65	68	72	72	70	69	67	68	73	72	69	67	66	64	64	62	73	66.9		
Feb 3	63	62	62	61	61	61	60	60	60	63	69	69	69	68	66	67	69	74	74	71	69	70	71	70	60	74	66.2		
Feb 4	71	71	70	70	70	70	69	69	69	69	70	72	74	73	68	65	64	67	73	75	75	74	74	74	64	75	70.9		
Feb 5	74	74	74	74	74	74	74	74	74	74	74	73	73	71	72	75	80	83	84	86	87	88	88	88	71	88	77.6		
Feb 6	89	90	91	91	91	91	92	93	93	94	93	84	84	82	81	83	84	86	93	92	91	85	80	78	78	94	88.0		
Feb 7	76	74	75	78	83	88	90	91	90	90	88	78	77	76	75	72	72	83	91	90	91	86	89	88	72	91	83.0		
Feb 8	85	86	87	88	89	88	88	89	89	89	91	90	89	88	85	83	85	85	87	87	85	84	83	79	79	91	86.6		
Feb 9	78	79	78	77	80	82	82	82	84	83	79	73	67	64	60	58	58	64	73	71	70	70	68	69	58	84	72.9		
Feb 10	71	71	71	72	72	73	74	74	74	74	76	78	74	69	66	67	69	76	80	82	82	84	91	93	66	93	75.9		
Feb 11	95	95	94	94	94	94	94	94	93	91	90	87	85	83	79	77	73	80	87	81	76	74	73	72	72	95	85.6		
Feb 12	71	71	72	75	76	77	86	88	90	91	90	89	87	86	86	81	81	86	88	90	91	90	90	89	71	91	84.2		
Feb 13	89	89	88	89	89	88	86	85	85	84	81	77	71	67	67	73	75	79	82	80	79	80	81	82	67	89	81.1		
Feb 14	81	80	79	78	78	77	77	77	76	75	74	73	68	65	63	62	63	70	77	76	74	71	70	70	62	81	73.1		
Feb 15	69	68	68	67	67	66	65	64	64	63	69	69	63	60	59	56	56	62	73	75	74	72	71	72	56	75	66.3		
Feb 16	70	71	71	73	72	72	74	79	76	70	62	51	52	51	57	55	56	64	75	76	76	79	79	79	51	79	68.3		
Feb 17	79	81	81	81	80	79	79	79	78	74	69	64	61	62	60	60	63	69	77	84	84	82	78	78	60	84	74.3		
Feb 18	78	77	75	72	72	71	72	72	72	67	62	58	55	54	53	53	55	60	65	70	70	71	74	74	53	78	66.8		
Feb 19	75	74	75	74	74	74	74	74	74	73	69	63	56	54	51	51	53	57	62	66	67	68	69	70	70	51	75	66.4	
Feb 20	69	68	69	70	73	78	81	84	86	79	71	64	59	58	56	57	62	69	75	77	81	82	82	82	56	86	72.2		
Feb 21	83	84	88	90	89	90	94	99	100	90	78	71	68	64	59	55	57	71	87	94	96	96	94	94	55	100	83.0		
Feb 22	95	94	95	95	94	95	98	100	98	88	72	65	64	59	57	59	56	59	63	64	64	93	100	100	56	100	80.3		
Feb 23	100	99	98	96	96	89	84	80	78	76	75	92	97	92	85	80	77	80	89	91	94	98	100	100	75	100	89.4		
Feb 24	100	100	100	100	100	100	100	100	100	100	94	75	59	55	57	53	55	60	67	73	86	92	91	93	96	53	100	83.6	
Feb 25	96	92	98	100	100	100	100	100	100	99	95	84	71	59	56	56	61	64	69	71	72	71	73	79	56	100	81.9		
Feb 26	82	84	85	85	87	84	86	88	83	76	69	63	58	58	55	57	61	65	68	71	73	71	66	63	55	88	72.4		
Feb 27	63	63	63	64	66	67	70	68	71	70	65	60	57	52	50	49	55	58	62	65	73	70	77	80	49	80	64.1		
Feb 28	82	84	86	90	94	95	94	96	93	79	64	52	45	43	45	44	46	49	58	69	77	76	74	74	43	96	71.2		
Diurnal Maximum	100	100	100	100	100	100	100	100	100	99	95	92	97	92	86	83	85	86	93	94	96	98	100	100					
Diurnal Average	79.6	79.4	79.8	80.1	80.7	80.8	81.5	82.1	81.8	79.1	75.3	71.1	68.3	65.8	64.3	64.0	65.9	71.0	76.5	78.0	78.7	79.2	79.5	79.6					
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance												
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure				
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																													
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																													



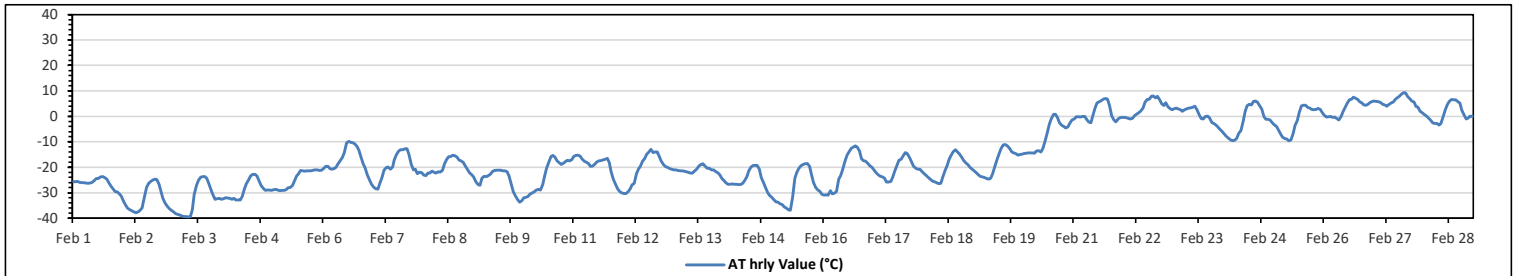
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	964	mb	on Feb 9 at hr 22	Hours in Service:	672																								
Maximum Daily Value:	960	mb	on Feb 3	Hours of Data:	672																								
Minimum Hourly Value:	917	mb	on Feb 23 at hr 3	Hours of Missing Data:	0																								
Minimum Daily Value:	921	mb	on Feb 23	Hours of Calibration:	0																								
Monthly Average:	945	mb		Operational Uptime:	100.0																								
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average			
Feb 1	939	939	939	940	940	941	941	942	942	943	944	944	945	945	946	946	947	947	948	948	949	949	950	950	939	950	944		
Feb 2	950	950	951	951	952	952	952	952	952	953	953	953	954	954	954	954	955	955	956	957	957	958	958	950	958	954			
Feb 3	959	959	959	960	960	960	960	961	961	961	961	961	960	960	960	960	960	960	961	961	961	961	961	959	961	960			
Feb 4	961	960	960	960	960	960	960	960	960	959	959	959	958	958	957	956	956	955	955	954	953	952	952	951	951	961	957		
Feb 5	950	949	948	947	946	945	944	943	943	943	942	942	941	941	940	939	939	939	939	939	939	939	940	939	950	942			
Feb 6	940	941	941	942	942	942	943	943	944	944	944	944	945	945	946	946	947	947	948	948	949	949	949	940	949	945			
Feb 7	950	949	949	949	949	949	949	948	948	948	948	948	947	947	947	946	946	947	946	946	946	946	946	946	950	948			
Feb 8	946	946	946	946	946	946	946	946	946	946	947	947	948	949	949	950	951	953	953	954	955	956	956	957	946	957	949		
Feb 9	957	957	957	957	956	956	956	955	956	956	956	957	958	959	959	960	961	962	963	963	963	964	964	955	964	959			
Feb 10	964	964	964	963	963	962	962	961	961	960	959	958	957	956	955	955	954	953	952	952	951	950	949	949	949	964	957		
Feb 11	949	949	950	950	951	952	952	952	952	952	952	952	952	951	951	951	950	950	949	949	948	948	947	947	952	950			
Feb 12	946	945	944	943	942	941	940	939	938	937	936	936	935	935	935	936	936	937	938	938	939	939	940	940	935	946	939		
Feb 13	940	941	941	942	942	942	942	943	943	943	944	944	944	944	945	945	946	946	947	947	948	949	949	940	949	944			
Feb 14	950	950	951	951	952	952	952	953	953	954	954	954	954	954	955	955	955	956	956	957	957	957	958	950	958	954			
Feb 15	958	958	958	959	959	959	959	959	959	960	960	959	959	960	959	959	959	958	958	958	958	958	957	957	957	960	959		
Feb 16	957	957	956	956	955	955	955	954	953	953	952	951	951	950	949	949	948	948	949	948	948	948	948	947	947	957	951		
Feb 17	947	947	947	947	947	947	947	947	947	947	947	947	947	947	948	948	949	950	951	952	952	953	954	954	947	954	949		
Feb 18	955	956	956	956	957	956	956	956	956	956	956	956	956	955	954	953	952	952	952	952	951	951	950	950	950	957	954		
Feb 19	949	949	948	947	947	946	946	945	945	944	943	942	942	941	940	939	939	939	939	939	939	938	938	938	938	949	943		
Feb 20	938	937	937	937	936	936	936	936	937	937	937	938	938	938	938	938	938	938	937	937	937	936	936	936	936	938	937		
Feb 21	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	935	935	935	934	934	933	933	933	936	935		
Feb 22	932	932	931	930	930	930	929	928	928	928	928	928	927	927	927	926	926	924	923	922	922	921	920	919	919	932	927		
Feb 23	918	918	918	917	917	917	917	917	918	919	920	921	922	923	924	924	925	925	925	925	925	925	926	917	926	921			
Feb 24	926	926	927	927	927	927	927	927	927	927	927	927	927	927	927	927	927	926	926	926	926	926	926	926	926	927	927		
Feb 25	926	926	927	927	927	928	928	929	929	929	929	930	930	930	931	931	931	931	932	932	932	933	933	934	926	934	930		
Feb 26	935	936	936	937	937	937	937	937	938	938	939	939	939	939	939	939	938	938	938	937	936	935	934	933	933	939	937		
Feb 27	932	932	931	930	929	929	928	928	928	929	930	931	932	932	933	935	935	936	937	938	938	939	939	939	928	939	933		
Feb 28	939	940	941	941	940	940	941	941	941	941	942	942	942	942	943	945	945	945	945	945	945	945	945	945	945	942	941		
Diurnal Maximum	964	964	964	963	963	962	962	961	961	961	961	961	960	960	960	960	961	962	963	963	963	964	964						
Diurnal Average	945	945	945	945	944	944	944	944	944	944	944	944	945	945	944	945	945	945	945	945	945	945	945						
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance												
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure				
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																													
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																													



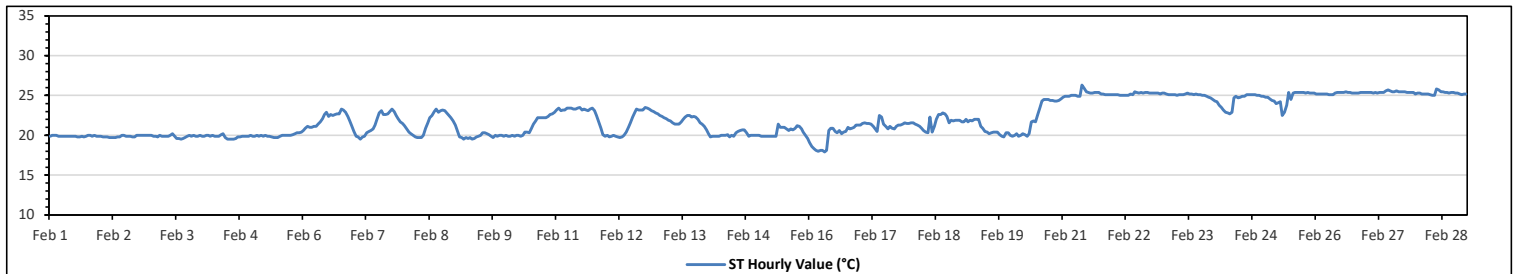
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	9.3	°C	on Feb 27 at hr 14	Hours in Service:	672																						
Maximum Daily Value:	5.7	°C	on Feb 27	Hours of Data:	672																						
Minimum Hourly Value:	-39.5	°C	on Feb 3 at hr 7	Hours of Missing Data:	0																						
Minimum Daily Value:	-32.6	°C	on Feb 3	Hours of Calibration:	0																						
Monthly Average:	-15.7	°C		Operational Uptime:	100.0																						
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	-25.7	-25.7	-25.6	-25.9	-26.1	-26.1	-26.2	-26.3	-26.2	-25.9	-25.2	-24.5	-24.5	-23.8	-23.7	-24.1	-24.6	-26.1	-27.4	-28.5	-29.6	-29.7	-30.5	-31.3	-31.3	-23.7	-26.4
Feb 2	-33.4	-35	-36.1	-36.6	-37.1	-37.6	-37.9	-37.6	-36.8	-36	-31.8	-27.9	-26.4	-25.7	-25	-24.7	-24.8	-26.7	-29.5	-32.2	-34.1	-35.4	-36.3	-36.8	-37.9	-24.7	-32.6
Feb 3	-37.6	-38.2	-38.5	-38.8	-39.2	-39.3	-39.4	-39.5	-39.3	-36.7	-30.6	-27.2	-25.2	-24	-23.7	-23.7	-24.4	-26.6	-29.1	-31	-32.6	-32.4	-32.2	-32.6	-39.5	-23.7	-32.6
Feb 4	-32.4	-32	-32.1	-32.3	-32.6	-32.2	-32.8	-32.9	-32.8	-31.5	-28.5	-26.5	-24.9	-23.4	-22.8	-22.8	-23.4	-25.2	-27.2	-28.4	-29.1	-29	-29	-29.1	-32.9	-22.8	-28.9
Feb 5	-28.8	-28.7	-29	-29.2	-29.1	-29.1	-28.8	-28.1	-27.9	-27.2	-25.5	-23.4	-22.6	-21.3	-21.4	-21.6	-21.4	-21.4	-21.5	-21.2	-21	-21	-21.3	-21.2	-29.2	-21.0	-24.7
Feb 6	-20.5	-19.6	-19.6	-20.5	-20.7	-20.5	-20.1	-18.5	-17.3	-16.1	-14.2	-10.5	-9.8	-10.2	-10.4	-10.9	-11.8	-13.5	-16.4	-18.7	-20.3	-23.1	-25.1	-26.7	-26.7	-9.8	-17.3
Feb 7	-27.7	-28.5	-28.6	-26.3	-24	-21.2	-20.2	-19.9	-20.7	-19.9	-17.1	-15	-13.7	-13.1	-13.1	-12.7	-12.7	-15.1	-18.8	-21	-20.7	-22.6	-21.9	-22.1	-28.6	-12.7	-19.9
Feb 8	-23.1	-23.2	-22.3	-22.3	-21.6	-22	-22.3	-21.8	-21.9	-21.1	-18.7	-16.9	-15.9	-15.7	-15.2	-15.5	-16.1	-17.2	-17.5	-18.1	-19.5	-20.9	-22.1	-22.9	-23.2	-15.2	-19.7
Feb 9	-23.8	-25.7	-26.9	-27.1	-24.3	-23.6	-23.7	-23.3	-22.8	-21.7	-21.3	-21.2	-21.1	-21.2	-21.5	-21.5	-21.8	-23.5	-26.8	-29.6	-31.3	-32.6	-33.8	-33.1	-33.8	-21.1	-25.1
Feb 10	-32	-31.9	-31.4	-30.6	-30.1	-29.8	-29	-28.7	-29	-26.8	-23.4	-20.4	-18	-15.8	-15.4	-16	-17.6	-18.3	-18.9	-18.4	-17.8	-17.3	-17.6	-17	-32.0	-15.4	-23.0
Feb 11	-15.7	-15.3	-15.2	-15.6	-16.7	-17.7	-18	-18.5	-19.7	-19.5	-18.8	-18	-17.6	-17.4	-17.2	-16.9	-16.5	-18.1	-21.9	-24.8	-26.9	-28.5	-29.5	-30	-30.0	-15.2	-19.8
Feb 12	-30.3	-30.3	-29.6	-28.6	-27	-26.3	-22.6	-20.8	-19.6	-17.7	-16.5	-14.9	-13.9	-13	-14.3	-14	-14	-16	-17.6	-19	-19.8	-20.1	-20.5	-20.8	-30.3	-13.0	-20.3
Feb 13	-21	-21	-21.3	-21.4	-21.4	-21.6	-21.8	-22	-22.3	-22.3	-21.4	-20.7	-19.5	-19	-18.7	-19.5	-20.4	-20.4	-21	-21	-21.7	-22.2	-23	-24.5	-24.5	-18.7	-21.2
Feb 14	-25.3	-26.1	-26.7	-26.7	-26.6	-26.7	-26.7	-26.8	-26.9	-26.3	-25.1	-23.7	-21.5	-19.9	-19.3	-19.2	-19.3	-20.8	-24.1	-26.1	-28.3	-29.9	-31.2	-31.8	-31.8	-19.2	-25.2
Feb 15	-32.9	-33.6	-33.8	-34.3	-34.8	-35.6	-36.1	-36.7	-36.8	-31.7	-24.4	-22	-20.5	-19.4	-19	-18.6	-18.5	-19.7	-22.9	-25.9	-27.9	-29	-29.5	-30.6	-36.8	-18.5	-28.1
Feb 16	-31	-30.9	-31	-29.2	-30.4	-30.2	-29.6	-24.6	-23.3	-21	-17.9	-15.2	-13.9	-12.6	-12.1	-11.6	-12.1	-13.7	-16.6	-17.4	-17.7	-18.5	-19.4	-20.1	-31.0	-11.6	-20.8
Feb 17	-21	-22.1	-22.9	-23.6	-23.8	-24.3	-25.8	-25.8	-25.6	-23.8	-21.6	-19.3	-17.3	-16.9	-15.4	-14.3	-14.6	-16.1	-18	-19.6	-20.4	-20.7	-20.8	-21.7	-25.8	-14.3	-20.6
Feb 18	-22.5	-23.2	-23.9	-24.7	-25.4	-25.7	-26.1	-26.5	-26.3	-24	-21.5	-19.2	-16.9	-15.4	-13.8	-13.1	-13.9	-14.8	-16	-17.3	-18.3	-19.1	-20.1	-20.6	-26.5	-13.1	-20.3
Feb 19	-21.4	-22.1	-22.9	-23.5	-23.8	-24.1	-24.5	-24.6	-24.4	-22.5	-19.7	-16.9	-14.8	-12.7	-11.2	-11.1	-11.6	-12.6	-13.9	-14.4	-14.6	-15.2	-15.1	-14.9	-24.6	-11.1	-18.0
Feb 20	-14.6	-14.5	-14.4	-14.4	-14.4	-14.5	-13.6	-13.5	-14	-12.6	-10.1	-6.8	-3.2	-1	0.7	0.9	-0.3	-2.5	-3.6	-4	-4.5	-4.2	-2.6	-1.5	-14.6	0.9	-7.6
Feb 21	-1	-0.2	-0.2	-0.3	0	-0.1	-1	-2.2	-2.6	0.2	3.2	5.2	5.8	6.2	6.8	7	6.7	4.3	0.2	-1.5	-2.1	-1	-0.5	-0.4	-2.6	7.0	1.4
Feb 22	-0.4	-0.5	-0.8	-1.1	-0.8	0.3	0.9	1.5	2.1	3.2	5.5	6.6	6.7	7.9	8	7.3	7.9	6.4	5	4.2	5.3	3.7	3	2.6	-1.1	8.0	3.5
Feb 23	3	3.3	2.8	2.6	2	2.6	3	3.2	3.4	3.6	4	2.4	0.5	-0.9	-1.1	-0.1	0.1	-0.7	-2.4	-2.9	-3.4	-4.2	-5.2	-6.1	-6.1	4.0	0.4
Feb 24	-7	-7.8	-8.5	-9.2	-9.7	-9.3	-8.5	-6.7	-5.6	-1.9	1.9	4.1	4.8	4.5	5.9	6	5.5	4.2	2.9	-0.2	-1.2	-1.2	-1.4	-2.6	-9.7	6.0	-1.7
Feb 25	-3.3	-3.9	-5.4	-7	-8.2	-8.7	-9	-9.7	-9.3	-6.8	-3.6	-1.7	1.4	4.1	4.4	4.3	3.5	3.2	2.7	2.6	2.7	3.1	2.7	1.4	-9.7	4.4	-1.7
Feb 26	0.5	-0.3	-0.2	-0.1	-0.4	-0.3	-0.9	-1.4	-0.1	1.9	3.6	5.1	6.5	6.7	7.6	7.2	6.6	5.8	5.2	4.5	4.3	4.8	5.5	5.9	-1.4	7.6	3.3
Feb 27	6	5.9	5.7	5.3	4.8	4.5	3.9	4.7	5.2	5.6	6.6	7.3	7.8	8.8	9.3	9.2	7.7	6.9	6	5.6	3.8	3.6	2	1.3	1.3	9.3	5.7
Feb 28	0.7	0.1	-0.6	-1.6	-2.5	-2.8	-2.9	-3.4	-2.9	0	2.7	4.7	5.9	6.6	6.4	6.5	5.8	5.2	2.5	0.6	-1.1	-0.7	0.1	-0.1	-3.4	6.6	1.2
Diurnal Maximum	6.0	5.9	5.7	5.3	4.8	4.5	3.9	4.7	5.2	5.6	6.6	7.3	7.8	8.8	9.3	9.2	7.9	6.9	6.0	5.6	5.3	4.8	5.5	5.9			
Diurnal Average	-18.7	-19.0	-19.3	-19.4	-19.4	-19.4	-19.3	-18.9	-18.7	-17.1	-14.6	-12.7	-11.5	-10.6	-10.2	-10.1	-10.6	-11.9	-13.8	-15.1	-16.0	-16.5	-17.0	-17.4			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure		
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																		
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	26.3	°C	on Feb 21 at hr 9	Hours in Service:	672																								
Maximum Daily Value:	25.4	°C	on Feb 27	Hours of Data:	672																								
Minimum Hourly Value:	17.9	°C	on Feb 16 at hr 7	Hours of Missing Data:	0																								
Minimum Daily Value:	19.8	°C	on Feb 16	Hours of Calibration:	0																								
Monthly Average:	22.1	°C		Operational Uptime:	100.0																								
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average		
Feb 1	19.9	20.0	20.0	20.0	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.8	19.8	19.9	19.8	19.8	19.9	20.0	20.0	19.9	20.0	19.9	19.9	19.8	20.0	19.9		
Feb 2	19.9	19.8	19.8	19.8	19.7	19.7	19.7	19.7	19.8	19.8	20.0	20.0	19.9	19.9	19.9	19.8	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0	19.7	20.0	19.9		
Feb 3	20.0	19.9	19.9	19.8	20.0	19.9	19.9	19.9	19.9	20.0	20.2	19.9	19.6	19.6	19.5	19.6	19.7	19.9	20.0	19.9	20.0	19.9	19.9	20.0	19.5	20.2	19.9		
Feb 4	19.9	19.9	20.0	20.0	19.9	20.0	19.9	19.9	19.9	20.1	20.2	19.7	19.5	19.5	19.5	19.5	19.6	19.8	19.8	19.9	19.9	19.9	19.9	20.0	19.5	20.2	19.8		
Feb 5	19.9	19.9	20.0	19.9	20.0	19.9	20.0	19.9	19.9	19.8	19.7	19.7	19.7	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.2	20.3	20.3	20.4	19.7	20.4	20.0		
Feb 6	20.6	20.9	21.1	21.0	21.0	21.1	21.1	21.4	21.7	22.1	22.6	22.9	22.4	22.6	22.5	22.6	22.7	22.7	23.3	23.2	22.9	22.4	21.8	21.2	20.6	23.3	22.0		
Feb 7	20.5	19.9	19.8	19.5	19.8	19.9	20.3	20.5	20.6	20.8	21.3	22.0	22.8	23.1	22.6	22.6	22.7	23.0	23.3	23.0	22.5	22.1	21.7	21.5	19.5	23.3	21.5		
Feb 8	21.2	20.8	20.4	20.2	20.0	19.8	19.7	19.7	19.7	20.0	20.9	21.6	22.2	22.5	23.0	23.3	22.9	23.1	23.2	23.1	22.8	22.5	22.2	21.8	19.7	23.3	21.5		
Feb 9	21.3	20.6	19.8	19.7	19.5	19.7	19.6	19.7	19.5	19.6	19.8	19.9	20.0	20.3	20.3	20.2	20.1	19.9	19.7	20.0	19.9	20.0	20.0	19.9	19.5	21.3	20.0		
Feb 10	20.0	19.9	19.9	20.0	19.9	20.0	20.0	19.9	20.0	20.4	20.4	20.3	20.8	21.4	21.8	22.2	22.2	22.2	22.2	22.2	22.4	22.6	22.7	22.9	19.9	22.9	21.1		
Feb 11	23.2	23.4	23.1	23.2	23.2	23.4	23.4	23.4	23.3	23.3	23.4	23.5	23.2	23.3	23.2	23.1	23.3	23.4	23.1	22.5	21.7	20.9	20.1	19.9	19.9	23.5	22.8		
Feb 12	20.0	19.8	19.9	20.0	19.9	19.8	19.7	19.8	20.0	20.4	21.0	21.6	22.3	22.9	23.3	23.2	23.2	23.2	23.5	23.4	23.3	23.1	23.0	22.8	19.7	23.5	21.6		
Feb 13	22.7	22.5	22.4	22.2	22.1	21.9	21.8	21.6	21.4	21.4	21.4	21.7	22.0	22.3	22.5	22.5	22.3	22.4	22.3	22.0	21.6	21.4	21.1	20.7	20.7	22.7	21.9		
Feb 14	20.2	19.8	19.9	19.9	19.9	19.9	20.0	20.0	20.0	20.1	19.8	20.0	19.9	20.3	20.5	20.6	20.7	20.7	20.3	19.9	20.0	20.0	20.0	20.0	19.8	20.7	20.1		
Feb 15	20.0	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	21.4	21.0	21.0	21.0	20.8	20.6	20.8	20.7	20.9	21.2	21.1	20.8	20.4	20.0	19.6	19.6	21.4	20.4		
Feb 16	19.1	18.6	18.3	18.1	18.0	18.1	18.1	17.9	18.1	20.6	20.9	20.9	20.5	20.3	20.6	20.2	20.4	20.5	21.0	20.8	20.9	21.0	21.3	21.3	17.9	21.3	19.8		
Feb 17	21.3	21.5	21.6	21.5	21.5	21.4	21.1	20.8	20.5	22.5	22.3	21.4	21.1	20.8	21.1	20.9	20.8	21.1	21.3	21.3	21.4	21.6	21.5	21.5	20.5	22.5	21.3		
Feb 18	21.6	21.6	21.4	21.3	21.1	20.9	20.6	20.4	20.3	22.3	20.4	21.1	22.0	22.6	22.6	22.8	22.7	22.4	21.6	21.9	21.8	21.9	21.9	21.9	20.3	22.8	21.6		
Feb 19	21.7	21.7	22.0	21.7	21.9	21.8	22.0	22.0	22.0	21.1	20.9	20.5	20.4	20.2	20.3	20.4	20.4	20.4	20.1	19.9	19.8	20.3	20.3	20.0	19.8	22.0	20.9		
Feb 20	19.9	20.0	20.2	19.9	20.0	20.2	20.1	19.9	20.2	21.7	21.8	21.7	22.6	23.5	24.3	24.5	24.5	24.5	24.4	24.4	24.3	24.3	24.4	24.6	19.9	24.6	22.3		
Feb 21	24.8	24.9	24.9	24.9	25.0	25.0	25.0	24.9	24.9	26.3	25.9	25.5	25.4	25.3	25.3	25.4	25.4	25.4	25.2	25.2	25.1	25.1	25.1	25.1	24.8	26.3	25.2		
Feb 22	25.1	25.1	25.1	25.0	25.0	25.0	25.0	25.0	25.2	25.1	25.5	25.4	25.3	25.4	25.3	25.4	25.4	25.3	25.3	25.3	25.3	25.3	25.2	25.3	25.0	25.5	25.2		
Feb 23	25.3	25.2	25.1	25.1	25.1	25.1	25.0	25.1	25.1	25.1	25.2	25.3	25.2	25.2	25.1	25.2	25.1	25.1	25.0	25.0	24.9	24.8	24.7	24.5	24.5	25.3	25.1		
Feb 24	24.3	24.2	23.8	23.5	23.2	22.9	22.8	22.7	22.9	24.7	24.9	24.7	24.8	24.9	24.9	25.1	25.1	25.1	25.1	25.1	25.0	25.0	24.9	24.9	22.7	25.1	24.4		
Feb 25	24.8	24.8	24.6	24.4	24.3	24.0	24.1	24.2	22.5	22.9	23.8	25.4	24.5	25.3	25.4	25.4	25.4	25.4	25.3	25.3	25.4	25.3	25.3	22.5	25.4	24.7			
Feb 26	25.2	25.2	25.2	25.2	25.2	25.2	25.1	25.1	25.1	25.3	25.4	25.4	25.4	25.4	25.5	25.4	25.4	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.1	25.5	25.3		
Feb 27	25.4	25.4	25.4	25.3	25.4	25.3	25.4	25.4	25.4	25.6	25.7	25.6	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.4	25.4	25.4	25.4	25.2	25.2	25.7	25.4		
Feb 28	25.3	25.3	25.2	25.2	25.2	25.2	25.1	25.0	25.0	25.8	25.7	25.5	25.5	25.4	25.4	25.4	25.4	25.4	25.3	25.3	25.2	25.1	25.2	25.2	25.0	25.8	25.3		
Diurnal Maximum	25.4	25.4	25.4	25.3	25.4	25.3	25.4	25.4	25.4	26.3	25.9	25.6	25.5	25.5	25.6	25.5	25.5	25.5	25.5	25.4	25.4	25.4	25.4	25.4					
Diurnal Average	21.9	21.8	21.7	21.6	21.6	21.6	21.6	21.5	22.1	22.1	22.2	22.3	22.4	22.5	22.6	22.5	22.6	22.6	22.5	22.4	22.4	22.3	22.2						
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance														
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance									P	Power Failure				
X	Invalid Data (Equipment Malfunction /Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																					
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																													
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																													



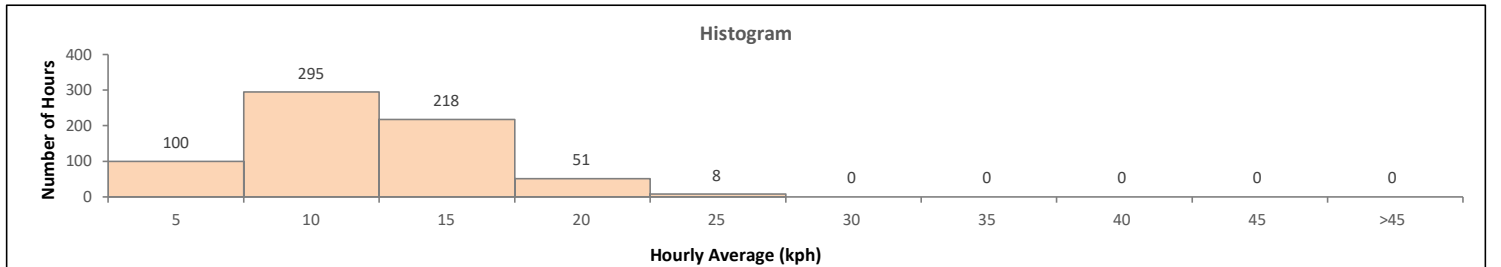
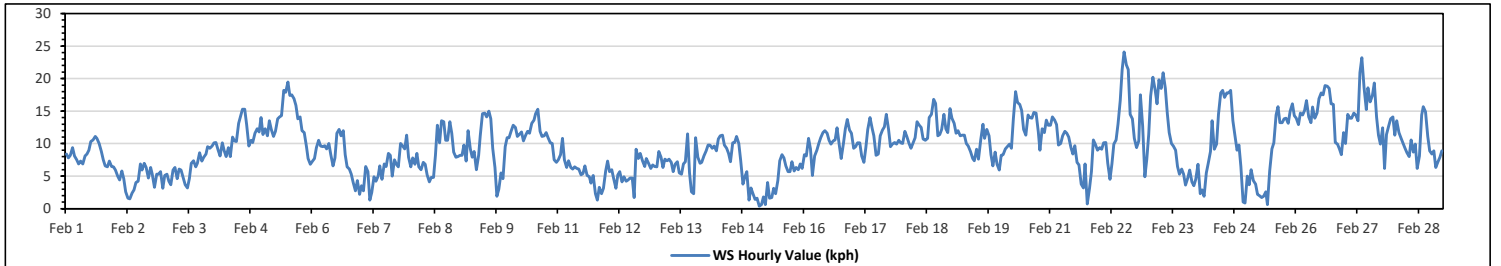
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	24.1	kph	on Feb 22 at hr 12	Hours in Service:	672
Maximum Daily Value:	14.6	kph	on Feb 27	Hours of Data:	672
Minimum Hourly Value:	0.4	kph	on Feb 15 at hr 2	Hours of Missing Data:	0
Minimum Daily Value:	4.3	kph	on Feb 15	Hours of Calibration:	0
Monthly Average:	4.0	kph		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																								Daily	Daily	Daily
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	8.4	7.8	8.2	9.4	8.1	7.5	6.9	7.3	6.9	8.1	8.4	9.0	10.3	10.6	11.1	10.8	10.0	8.8	7.5	6.6	6.4	7.3	6.5	6.4	6.4	11.1	8.3
Feb 2	5.9	5.0	4.4	5.8	4.6	2.6	1.6	1.5	2.4	2.9	4.0	4.2	6.9	5.9	7.0	6.3	4.7	6.3	5.3	3.3	5.3	5.3	5.7	3.1	1.5	7.0	4.6
Feb 3	5.1	5.3	4.2	3.7	5.9	6.3	4.6	6.1	5.9	4.7	3.7	3.2	4.6	7.0	7.4	6.4	7.0	8.6	7.3	7.9	8.4	9.5	9.3	9.6	3.2	9.6	6.3
Feb 4	10.1	10.2	9.0	8.1	10.1	8.9	8.0	9.4	8.0	11.0	10.4	10.3	13.1	14.2	15.3	15.3	12.9	9.6	10.5	10.2	11.6	12.3	11.8	14.0	8.0	15.3	11.0
Feb 5	11.4	12.3	11.2	13.5	12.2	11.1	11.9	13.8	14.1	14.3	18.2	17.9	19.5	17.4	17.5	16.9	15.9	13.8	14.1	12.0	11.7	9.5	7.7	6.8	6.8	19.5	13.5
Feb 6	7.3	7.7	9.4	10.5	9.6	9.5	9.7	9.2	10.0	8.3	6.6	7.8	11.6	12.2	11.2	12.0	8.3	6.4	6.1	5.3	4.0	2.7	4.3	2.2	2.2	12.2	8.0
Feb 7	3.5	2.7	6.5	5.7	1.3	2.5	4.9	4.2	5.0	6.6	4.5	6.9	6.5	8.5	8.2	5.0	7.5	6.8	6.4	10.0	9.7	9.2	11.3	7.9	1.3	11.3	6.3
Feb 8	6.4	7.8	6.8	8.5	6.4	6.0	7.1	6.8	5.2	4.1	4.8	4.8	8.2	12.8	10.1	13.5	13.4	10.5	10.5	13.4	11.6	8.7	7.9	8.0	4.1	13.5	8.5
Feb 9	8.2	8.2	9.8	7.3	12.0	9.2	7.9	8.8	6.0	8.2	11.2	14.6	14.7	14.1	15.0	13.8	9.3	6.3	1.9	3.0	5.5	4.6	9.5	10.9	1.9	15.0	9.2
Feb 10	10.9	12.0	12.8	12.5	11.1	11.4	11.8	10.4	11.3	11.9	11.6	13.1	13.6	14.6	15.3	11.9	11.1	11.2	11.7	10.9	10.1	10.0	7.5	7.1	7.1	15.3	11.5
Feb 11	7.5	8.3	10.8	7.5	6.3	7.4	6.3	6.1	6.4	6.2	6.1	5.2	5.4	6.6	5.1	4.9	3.9	5.1	2.3	1.3	3.3	2.3	3.1	5.8	1.3	10.8	5.6
Feb 12	7.3	5.7	6.0	4.6	3.1	5.2	5.7	4.1	4.9	4.2	4.4	4.7	4.7	1.7	9.1	7.7	8.5	7.4	6.5	7.7	7.0	6.2	6.7	6.5	1.7	9.1	5.8
Feb 13	6.4	8.8	7.9	6.3	7.6	7.4	7.6	7.1	5.7	6.8	7.2	5.5	5.3	6.9	7.2	11.5	5.5	2.6	2.3	10.9	7.9	7.0	7.1	8.1	2.3	11.5	6.9
Feb 14	8.9	9.8	9.8	9.3	9.6	8.9	10.7	11.2	11.3	9.8	9.3	8.5	7.2	10.1	10.2	11.1	10.0	7.4	3.8	4.9	5.7	1.3	3.2	2.2	1.3	11.3	8.1
Feb 15	1.4	1.6	0.4	0.6	1.8	0.6	4.0	1.6	1.7	3.1	2.3	4.3	7.4	8.3	7.8	6.6	5.7	5.7	7.2	5.8	6.3	6.0	6.9	6.2	0.4	8.3	4.3
Feb 16	8.3	8.1	10.8	9.2	5.1	8.1	9.0	10.0	10.9	11.7	12.0	11.6	10.5	9.9	10.4	10.6	12.4	9.8	7.7	10.0	12.3	13.7	12.1	11.6	5.1	13.7	10.2
Feb 17	9.3	9.5	10.1	10.1	8.1	7.1	9.4	12.2	14.0	12.3	11.2	8.2	8.4	11.2	12.1	12.6	14.5	12.2	9.5	9.9	10.2	9.9	10.5	10.1	7.1	14.5	10.5
Feb 18	10.0	11.9	11.1	10.0	9.3	10.0	10.9	13.4	12.8	12.5	10.7	10.5	10.8	14.0	14.5	16.8	16.2	11.2	11.4	12.2	14.5	12.3	11.7	15.4	9.3	16.8	12.3
Feb 19	13.9	13.1	11.6	12.0	11.2	11.3	11.3	10.0	9.6	8.8	7.7	7.4	9.1	7.6	10.6	13.0	10.8	12.2	11.2	8.3	6.6	8.7	6.8	5.9	5.9	13.9	9.9
Feb 20	8.2	8.3	9.2	9.5	9.9	9.3	13.8	18.0	16.3	16.0	15.1	12.2	11.3	14.4	14.0	13.9	14.8	14.7	11.8	9.0	12.3	11.7	13.6	12.8	8.2	18.0	12.5
Feb 21	12.8	14.1	13.6	12.9	9.8	10.0	11.2	11.9	11.6	11.0	9.4	8.4	9.7	7.1	6.7	3.8	3.2	6.9	0.7	3.1	5.7	10.6	9.9	9.0	0.7	14.1	8.9
Feb 22	9.4	9.1	10.1	10.2	7.0	4.5	6.9	9.9	10.6	13.0	16.6	21.4	24.1	22.1	21.4	14.5	13.8	10.8	9.4	10.4	17.5	12.7	4.9	7.6	4.5	24.1	12.4
Feb 23	11.4	17.3	20.2	18.3	16.1	19.8	18.5	20.9	18.5	14.7	11.7	10.0	9.6	9.0	6.5	5.3	6.1	5.3	3.6	4.7	5.9	4.1	3.5	4.5	3.5	20.9	11.1
Feb 24	6.8	2.3	2.9	1.9	5.5	7.0	8.8	13.5	9.1	9.9	14.5	17.8	18.2	17.1	17.8	17.8	18.2	13.5	11.4	9.0	9.8	6.5	1.0	0.9	0.9	18.2	10.1
Feb 25	5.0	3.7	6.0	4.3	3.8	2.2	2.0	1.7	1.9	2.6	0.6	5.8	9.2	10.1	14.4	15.7	13.2	13.2	13.8	13.9	13.1	15.0	16.1	14.3	0.6	16.1	8.4
Feb 26	13.9	12.9	14.7	14.4	15.1	16.6	14.1	13.2	15.6	13.9	14.7	16.9	17.8	17.5	18.9	18.8	18.5	16.1	16.0	10.2	9.9	9.2	8.3	11.7	8.3	18.9	14.5
Feb 27	10.0	14.5	13.9	13.9	14.7	14.4	13.5	20.9	23.2	18.6	15.2	18.6	16.4	17.4	19.3	14.1	11.3	9.9	12.4	6.2	11.4	12.7	13.8	14.1	6.2	23.2	14.6
Feb 28	11.3	13.5	11.7	10.9	10.0	9.3	8.6	8.0	10.6	8.7	9.9	6.2	8.1	14.4	15.7	14.9	11.1	8.9	8.4	8.9	6.3	7.2	7.9	8.9	6.2	15.7	10.0
Diurnal Maximum	13.9	17.3	20.2	18.3	16.1	19.8	18.5	20.9	23.2	18.6	18.2	21.4	24.1	22.1	21.4	18.8	18.5	16.1	16.0	13.9	17.5	15.0	16.1	15.4			
Diurnal Average	8.5	9.0	9.4	9.0	8.4	8.4	8.8	9.7	9.6	9.4	9.4	9.8	10.8	11.5	12.1	11.6	10.6	9.3	8.2	8.2	8.9	8.4	8.2	8.3			

C Monthly Calibration	S Daily Zero-Span Check	Q Quality Assurance
K Collection Error	ND No Data (Machine Not in Service)	Y Routine Maintenance
X InValid Data (Equipment Malfunction / Recovery)	NRM UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

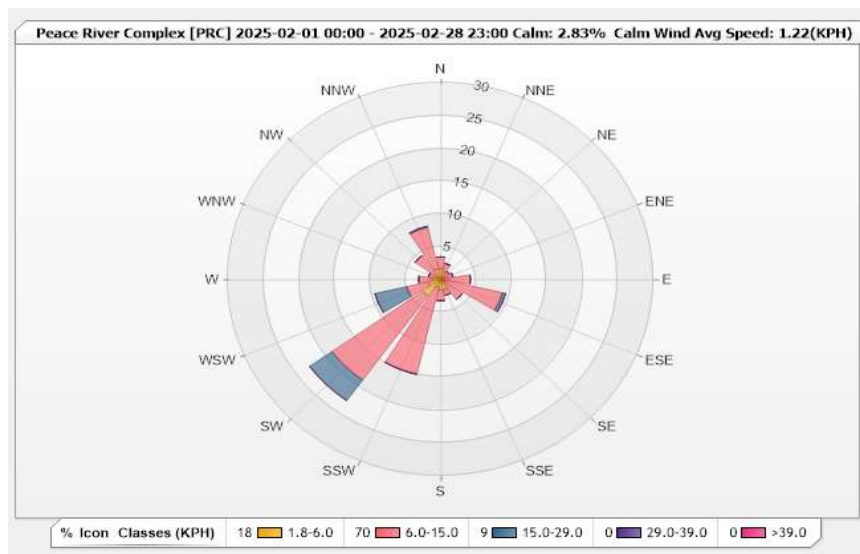


Station: Peace River Complex [PRC] Monitor: WDS [KPH] Monthly: 02-2025

Type: Wind Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm (WS<1.8kph): 2.83% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	1.64	1.79	0	0	0	3.43
NNE	1.19	1.34	0	0	0	2.53
NE	0.45	1.04	0	0	0	1.49
ENE	0.3	1.49	0	0	0	1.79
E	0.15	4.02	0	0	0	4.17
ESE	0.6	8.33	0.45	0	0	9.38
SE	0.45	3.27	0	0	0	3.72
SSE	1.64	0.89	0	0	0	2.53
S	1.64	1.64	0	0	0	3.28
SSW	1.34	13.54	0	0	0	14.88
SW	3.13	15.77	3.87	0	0	22.77
WSW	1.79	3.13	4.61	0	0	9.53
W	1.19	1.93	0	0	0	3.12
WNW	0.74	1.04	0	0	0	1.78
NW	0.6	3.87	0	0	0	4.47
NNW	1.64	6.55	0.15	0	0	8.34
Summary	18.49	69.64	9.08	0	0	97.21



WIND DIRECTION (VWD) in sector

Histogram

Hourly Average (deg)	Number of Hours
0-45	1
45-90	39
90-135	33
135-180	94
180-225	38
225-270	197
270-315	144
315-360	40
360-405	86
>360	0

Peace River Area Monitoring Program
Peace River Complex (PRC) Station - February 2025
Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr & WIND DIRECTION (VWD) in sector

WIND SPEED																																																							
Maximum Hourly Value:		24.1	kph	on Feb 22 at hr 12										Hours in Service:		672																																							
Maximum Daily Value:		14.6	kph	on Feb 27										Hours of Data:		672																																							
Minimum Hourly Value:		0.4	kph	on Feb 15 at hr 2										Hours of Missing Data:		0																																							
Minimum Daily Value:		4.3	kph	on Feb 15										Hours of Calibration:		0																																							
Monthly Average:		4.0	kph											Operational Uptime:		100.0																																							
WIND DIRECTION																																																							
Monthly Average:		218 degree (SW)																																																					
Day	Hourly Period Starting at (MST)																											Daily Minimum	Daily Maximum	Daily Average																									
Feb 1	8.4	7.8	8.2	9.4	8.1	7.5	6.9	7.3	6.9	8.1	8.4	9.0	10.3	10.6	11.1	10.8	10.0	8.8	7.5	6.6	6.4	7.3	6.5	6.4				6.4	11.1	8.3																									
Feb 2	N	NNW	NNW	N	NNW	NNW	NW	NNW	NW	NW	NW	NW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	NW	NW	NW				1.5	7.0	326(NNW)																									
	5.9	5.0	4.4	5.8	4.6	2.6	1.6	1.5	2.4	2.9	4.0	4.2	6.9	5.9	7.0	6.3	4.7	6.3	5.3	3.3	5.3	5.3	5.7	3.1				4.6	276(W)																										
Feb 3	NNW	WNW	WNW	WSW	WSW	WSW	WNW	NW	W	WSW	SW	W	WNW	NW	NW	WNW	WNW	WNW	W	W	SW	SW	SW	SW				3.2	9.6	276(W)																									
	5.1	5.3	4.2	3.7	5.9	6.3	4.6	6.1	5.9	4.7	3.7	3.2	4.6	7.0	7.4	6.4	7.0	8.6	7.3	7.9	8.4	9.5	9.3	9.6				8.0	11.0	222(SW)																									
Feb 4	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				8.0	15.3	222(SW)																									
	10.1	10.2	9.0	8.1	10.1	8.9	8.0	9.4	8.0	11.0	10.4	10.3	13.1	14.2	15.3	15.3	12.9	9.6	10.5	10.2	11.6	12.3	11.8	14.0				6.8	19.5	213(SSW)																									
Feb 5	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				2.2	12.2	213(SSW)																									
	11.4	12.3	11.2	13.5	12.2	11.1	11.9	13.8	14.1	14.3	18.2	17.9	19.5	17.4	17.5	16.9	15.9	13.8	14.1	12.0	11.7	9.5	7.7	6.8				6.8	19.5	13.5																									
Feb 6	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				2.2	12.2	222(SW)																									
	7.3	7.7	9.4	10.5	9.6	9.5	9.7	9.2	10.0	8.3	6.6	7.8	11.6	12.2	11.2	12.0	8.3	6.4	6.1	5.3	4.0	2.7	4.3	2.2				2.2	12.2	8.0																									
Feb 7	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	WSW	WSW	SW	SW				1.3	11.3	264(W)																									
	3.5	2.7	6.5	5.7	1.3	2.5	4.9	4.2	5.0	6.6	4.5	6.9	6.5	8.5	8.2	5.0	7.5	6.8	6.4	10.0	9.7	9.2	11.3	7.9				1.3	11.3	6.3																									
Feb 8	SSW	SSE	S	S	SSE	S	SW	W	W	SW	SW	SW	SW	WSW	WSW	SW	SW	WSW	SSW	SSW	SSW	SSW	SSW	SSW				4.1	13.5	219(SSW)																									
	6.4	7.8	6.8	8.5	6.4	6.0	7.1	6.8	5.2	4.1	4.8	4.8	8.2	12.8	10.1	13.5	13.4	10.5	10.5	13.4	11.6	8.7	7.9	8.0				4.1	13.5	8.5																									
Feb 9	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW				1.9	15.0	297(WNW)																									
	8.2	8.2	9.8	7.3	12.0	9.2	7.9	8.8	6.0	8.2	11.2	14.6	14.7	14.1	15.0	13.8	9.3	6.3	1.9	3.0	5.5	4.6	9.5	10.9				1.9	15.0	9.2																									
Feb 10	WNW	SW	SW	SSW	SW	WSW	WSW	W	WNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	SE	SSE	SSW	SSW				7.1	15.3	296(WNW)																									
	10.9	12.0	12.8	12.5	11.1	11.4	11.8	10.4	11.3	11.9	11.6	13.1	13.6	14.6	15.3	11.9	11.1	11.2	11.7	10.9	10.1	10.0	7.5	7.1				7.1	15.3	11.5																									
Feb 11	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				1.3	10.8	222(SW)																									
	7.5	8.3	10.8	7.5	6.3	7.4	6.3	6.1	6.4	6.2	6.1	5.2	5.4	6.6	5.1	4.9	3.9	5.1	2.3	1.3	3.3	2.3	3.1	5.8				1.3	10.8	5.6																									
Feb 12	WNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNW	WNW	NW	NNW	NNE	NNE	NE	SSW	SE	SSE	SSE	SSE				1.7	9.1	344(NNW)																									
	7.3	5.7	6.0	4.6	3.1	5.2	5.7	4.1	4.9	4.2	4.4	4.7	4.7	1.7	9.1	7.7	8.5	7.4	6.5	7.7	7.0	6.2	6.7	6.5				1.7	9.1	5.8																									
Feb 13	SSE	SSE	S	SSE	SSE	SSE	SSE	S	SSE	S	SSE	S	SW	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW				1.7	9.1	327(NW)																									
	6.4	8.8	7.9	6.3	7.6	7.4	7.6	7.1	5.7	6.8	7.2	5.5	5.3	6.9	7.2	11.5	5.5	2.6	2.3	10.9	7.9	7.0	7.1	8.1				2.3	11.5	6.9																									
Feb 14	NNW	N	NNW	N	N	N	N	NNE	N	NNE	NNE	ENE	NNE	NNE	NNE	NNE	NNE	NE	ENE	E	ENE	NE	NE	NE				2.3	11.5	26(NNE)																									
	8.9	9.8	9.8	9.3	9.6	8.9	10.7	11.2	11.3	9.8	9.3	8.5	7.2	10.1	10.2	11.1	10.0	7.4	3.8	4.9	5.7	1.3	3.2	2.2				1.3	11.3	8.1																									
Feb 15	NE	NE	ENE	ENE	ENE	E	E	E	E	E	E	ENE	ENE	E	ENE	ENE	E	NNE	N	NNW	NNE	N	NNW	NNW				1.3	11.3	68(ENE)																									
	1.4	1.6	0.4	0.6	1.8	0.6	4.0	1.6	1.7	3.1	2.3	4.3	7.4	8.3	7.8	6.6	5.7	5.7	7.2	5.8	6.3	6.0	6.9	6.2				0.4	8.3	4.3																									
Feb 16	NNE	SSW	W	SSW	S	S	SW	SE	SSE	SE	WSW	W	W	W	W	W	WSW	WSW	SSW	S	SSE	SE	SSE				5.1	13.7	228(SW)																										
	8.3	8.1	10.8	9.2	5.1	8.1	9.0	10.0	10.9	11.7	12.0	11.6	10.5	9.9	10.4	10.6	12.4	9.8	7.7	10.0	12.3	13.7	12.1	11.6				5.1	13.7	10.2																									
Feb 17	SE	ESE	SE	ESE	ESE	E	ESE	ESE	ESE	SE	SE	SE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE				7.1	14.5	115(ESE)																									
	9.3	9.5	10.1	10.1	8.1	7.1	9.4	12.2	14.0	12.3	11.2	8.2	8.4	11.2	12.1	12.6	14.5	12.2	9.5	9.9	10.2	9.9	10.5	10.1				7.1	14.5	10.5																									
Feb 18	ESE	ESE	ESE	E	ESE	E	E	E	E	ESE	ESE	E	ENE	ENE	E	E	ENE	E	E	ENE	E	ESE	ESE	ESE				9.3	16.8	95(E)																									
	10.0	11.9	11.1	10.0	9.3	10.0	10.9	13.4	12.8	12.5	10.7	10.5	10.8	14.0	14.5	16.8	16.2	11.2	11.4	12.2	14.5	12.3	11.7	15.4				9.3	16.8	12.3																									
Feb 19	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE				5.9	13.9	118(ESE)																									
	13.9	13.1	11.6	12.0	11.2	11.3	11.3	10.0	9.6	8.8	7.7	7.4	9.1	7.6	10.6	13.0	10.8	12.2	11.2	8.3	6.6	8.7	6.8	5.9				5.9	13.9	9.9																									
Feb 20	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE	S				8.2	18.0	125(SE)																									
	8.2	8.3	9.2	9.5	9.9	9.3	13.8	18.0	16.3	16.0	15.1	12.2	11.3	14.4	14.0	13.9	14.8	14.7	11.8	9.0	12.3	11.7	13.6	12.8				8.2	18.0	12.5																									
Feb 21	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				0.7	14.1	214(SSW)																									
	12.8	14.1	13.6	12.9	9.8	10.0	11.2	11.9	11.6	11.0	9.4	8.4	9.7	7.1	6.7	3.8	3.2	6.9	0.7	3.1	5.7	10.6	9.9	9.0				0.7	14.1	8.9																									
Feb 22	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				4.5	24.1	215(SSW)																									
	9.4	9.1	10.1	10.2	7.0	4.5	6.9	9.9	10.6	13.0	16.6	21.4	24.1	22.1	21.4	14.5	13.8	10.8	9.4	10.4	17.5	12.7	4.9	7.6				4.5	24.1	12.4																									
Feb 23	E	ESE	ESE	E	ESE	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW				4.5	20.9	210(SSW)																									
	11.4	17.3	20.2	18.3	16.1	19.8	18.5	20.9	18.5	14.7	11.7	10.0	9.6	9.0	6.5	5.3	6.1	5.3	3.6	4.7	5.9	4.1	3.5	4.5				3.5	20.9	11.1																									
Feb 24	SSW	SW	SW	SW	SSW	WSW	WSW	WSW	WSW	W	NW	NNW	NNW	NNW	N	N	N	N	N	N	ENE	NNW	N	NNW				0.9	18.2	264(W)																									
	6.8	2.3	2.9	1.9	5.5	7.0	8.8	13.5	9.1	9.9	14.5	17.8	18.2	17.1	17.8	17.8	18.2	13.5	11.4	9.0	9.8	6.5	1.0	0.9				0.9	18.2	10.1																									
Feb 25	NE	SE	SSW	ESE	S	S	SSW	SW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SSW	SW	W	NW				0.6	16.1	227(SW)																								
	5.0	3.7	6.0	4.3	3.8	2.2	2.0	1.7	1.9	2.6	0.6	5.8	9.2	10.1	14.4	15.7	13.2	13.2	13.8	13.9	13.1	15.0	16.1	14.3				0.6	16.1	8.4																									
Feb 26	NNW	NNW	NNW	NNW	NNW	NW	N	NW	NNE	NNE	W	SW	SW	SW	SW	WSW	WSW	SW	SW	SW	SW	SW	SW	SW				8.3	18.9	243(WSW)																									
	13.9	12.9	14.7	14.4	15.1	16.6	14.1	13.2	15.6	13.9	14.7	16.9	17.8	17.5	18.9	18.8	18.5	16.1	16.0	10.2	9.9	9.2	8.3	11.7				8.3	18.9	14.5																									
Feb 27	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				6.2	23.2	228(SW)																									
	10.0	14.5	13.9	13.9	14.7	14.4	13.5	20.9	23.2	18.6	15.2	18.6	16.4	17.4	19.3	14.1	11.3	9.9	12.4	6.2	11.4	12.7	13.8	14.1				6.2	23.2	14.6																									

AQHI GRIMSHAW STATION

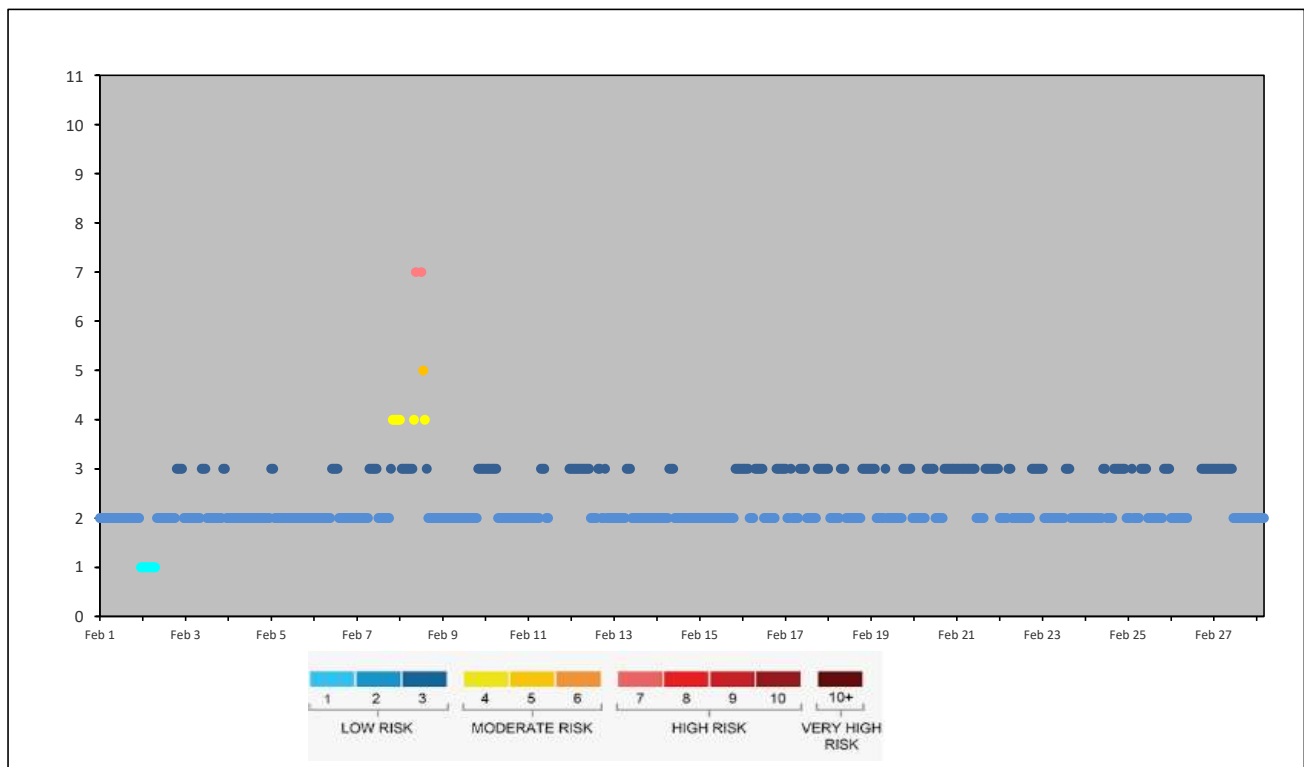
LAKELAND INDUSTRY & COMMUNITY ASSOCIATION

AQHI - Grimshaw Station - February 2025

AIR QUALITY HEALTH INDEX

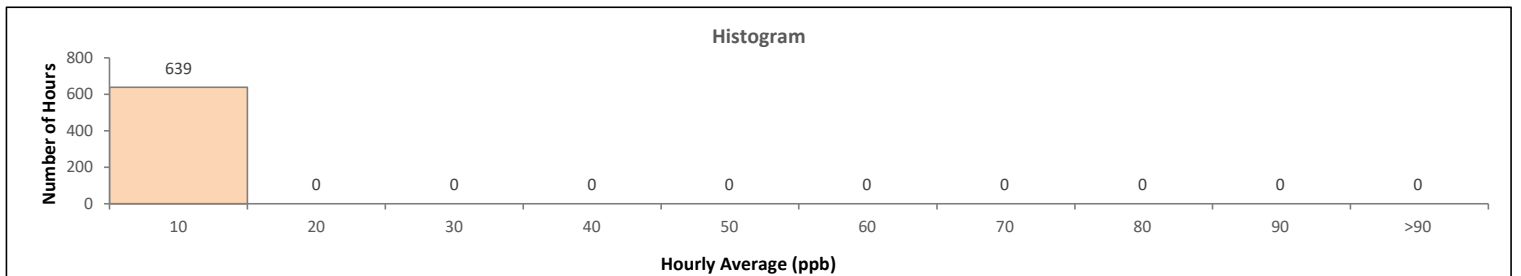
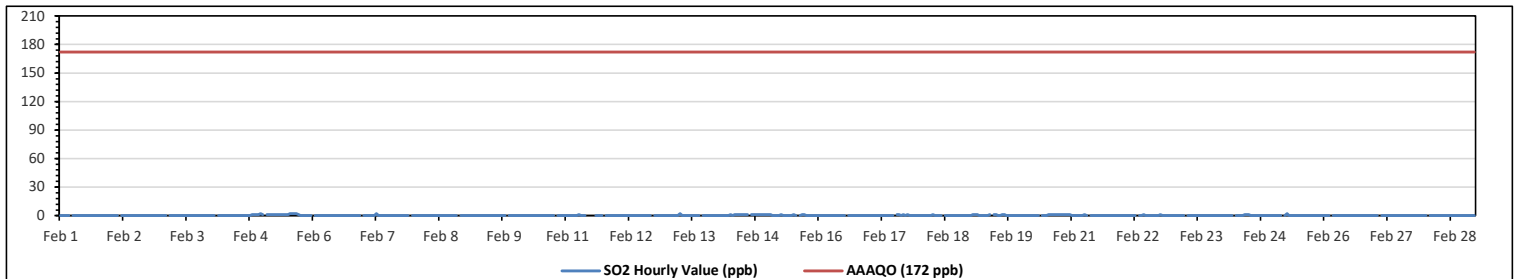
Day	Hourly Period Starting at (MST)																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Feb 1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Feb 2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
Feb 3	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2
Feb 4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 6	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2
Feb 7	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3	4	4	4	4
Feb 8	4	3	3	3	3	3	3	3	4	7	10+	10+	7	5	4	3	2	2	2	2	2	2	2	2
Feb 9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Feb 10	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 11	2	2	2	2	2	2	2	3	3	3	2	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3
Feb 12	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	2	2	3	2	2	2	2
Feb 13	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 14	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Feb 16	3	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3
Feb 17	3	2	2	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3
Feb 18	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Feb 19	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
Feb 20	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3
Feb 21	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3
Feb 22	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Feb 23	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
Feb 24	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	2
Feb 25	2	2	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
Feb 26	2	2	2	2	2	2	2	2	2	2	NA	NA	NA	NA	NA	NA	NA	3	3	3	3	3	3	3
Feb 27	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
Feb 28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

Note: NA: Note Available



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb																												
Number of 1-Hour Exceedances:					0					Number of 24-Hour Exceedances:					0					30-Day Exceedence:					0			
Maximum Hourly Value:		2	ppb	on Feb 4 at hr 23										Hours in Service:		672												
Maximum Daily Value:		0.9	ppb	on Feb 5										Hours of Data:		639												
Minimum Hourly Value:		0	ppb	on Feb 1 at hr 0										Hours of Missing Data:		0												
Minimum Daily Value:		0.0	ppb	on Feb 1										Hours of Calibration:		33												
Monthly Average:		0.1	ppb											Operational Uptime:		100.0												
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average	
Feb 1	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 2	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 3	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 4	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0	2	0.3	
Feb 5	1	S	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	2	0.9	
Feb 6	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0.0	
Feb 7	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	2	0.1	
Feb 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0.0	
Feb 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0.0	
Feb 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0.0	
Feb 11	0	0	0	0	0	0	1	0	0	0	C	C	C	C	0	0	0	0	S	0	0	0	0	0	0	1	0.1	
Feb 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0.0	
Feb 13	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	2	0.1	
Feb 14	0	0	0	0	0	0	1	0	1	1	1	1	1	1	S	S	1	1	1	1	1	1	1	1	0	1	0.7	
Feb 15	1	1	0	0	0	0	1	0	0	0	0	0	1	0	S	0	1	1	0	0	0	0	0	0	0	1	0.3	
Feb 16	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Feb 17	0	0	0	0	0	0	0	0	0	0	0	0	S	1	1	0	1	0	1	0	0	0	0	0	0	1	0.2	
Feb 18	0	0	0	0	0	0	1	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
Feb 19	0	1	1	1	0	0	0	0	0	1	S	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0.3
Feb 20	0	0	0	0	0	0	0	0	0	S	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0.5	
Feb 21	0	0	0	0	0	0	1	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Feb 22	0	0	0	0	0	0	0	S	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
Feb 23	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 24	0	0	0	0	0	S	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Feb 25	0	0	0	0	S	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.1	
Feb 26	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 27	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Feb 28	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Diurnal Maximum	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2			
Diurnal Average	0.1	0.1	0.1	0.1	0.0	0.0	0.4	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance					
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance					
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P	Power Failure					
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																												
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																												

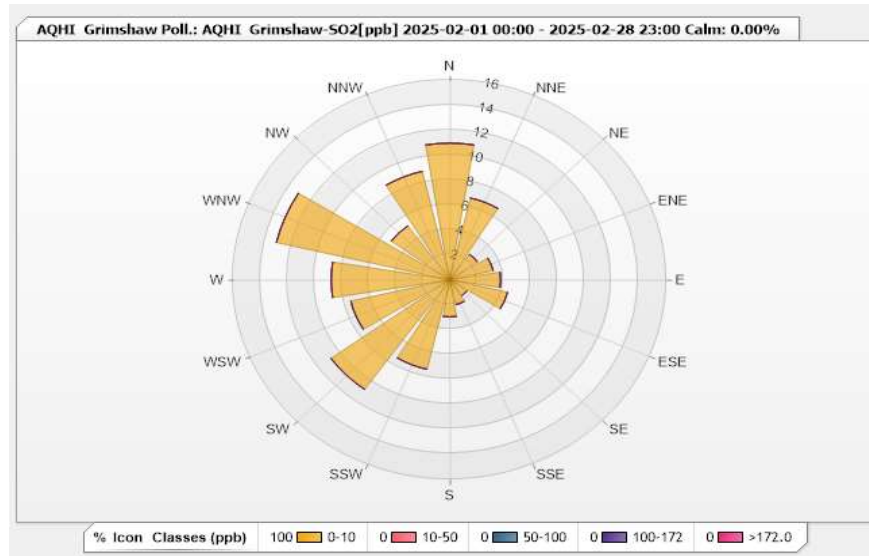


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-SO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	10.95	0	0	0	0	10.95
NNE	6.73	0	0	0	0	6.73
NE	2.5	0	0	0	0	2.5
ENE	3.29	0	0	0	0	3.29
E	3.76	0	0	0	0	3.76
ESE	4.38	0	0	0	0	4.38
SE	1.56	0	0	0	0	1.56
SSE	2.03	0	0	0	0	2.03
S	2.97	0	0	0	0	2.97
SSW	7.36	0	0	0	0	7.36
SW	10.8	0	0	0	0	10.8
WSW	7.51	0	0	0	0	7.51
W	8.76	0	0	0	0	8.76
WNW	13.15	0	0	0	0	13.15
NW	5.32	0	0	0	0	5.32
NNW	8.92	0	0	0	0	8.92
Summary	100	0	0	0	0	100



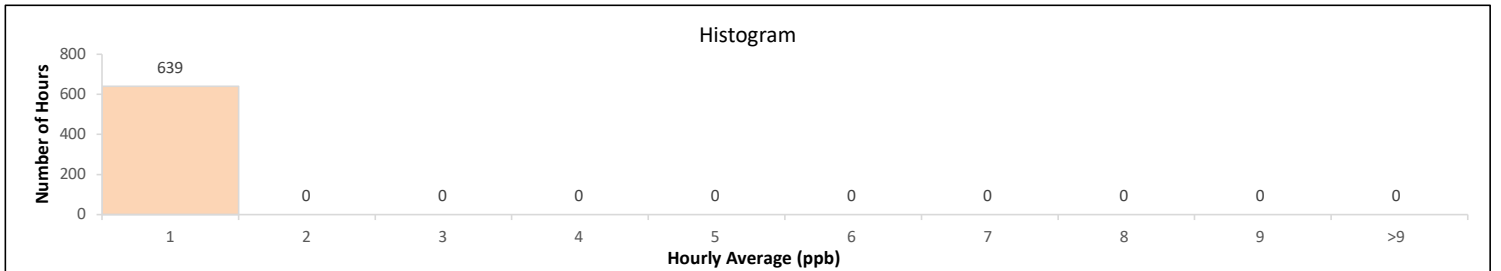
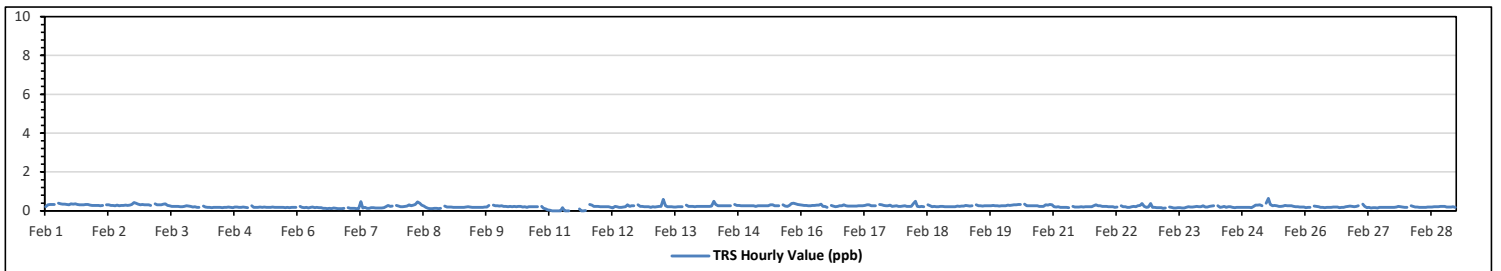
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	0.64	ppb	on Feb 25 at hr 6	Hours in Service:	672
Maximum Daily Value:	0.32	ppb	on Feb 1	Hours of Data:	639
Minimum Hourly Value:	0.00	ppb	on Feb 11 at hr 1	Hours of Missing Data:	0
Minimum Daily Value:	0.08	ppb	on Feb 11	Hours of Calibration:	33
Monthly Average:	0.22	ppb		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
Feb 1	0.2	0.31	0.32	0.32	0.32	\$	0.39	0.36	0.34	0.34	0.32	0.31	0.35	0.34	0.35	0.32	0.31	0.3	0.3	0.32	0.32	0.29	0.28	0.28	0.20	0.39	0.32	
Feb 2	0.28	0.28	0.26	0.28	\$	0.31	0.3	0.28	0.28	0.27	0.29	0.27	0.28	0.28	0.29	0.28	0.29	0.32	0.42	0.39	0.34	0.3	0.32	0.31	0.26	0.42	0.30	
Feb 3	0.3	0.3	0.28	\$	0.36	0.31	0.3	0.3	0.34	0.35	0.28	0.25	0.23	0.22	0.22	0.23	0.2	0.2	0.22	0.25	0.24	0.23	0.19	0.2	0.19	0.36	0.26	
Feb 4	0.18	0.17	\$	0.24	0.19	0.18	0.18	0.16	0.17	0.17	0.17	0.18	0.16	0.17	0.17	0.19	0.18	0.16	0.19	0.19	0.17	0.17	0.19	0.18	0.16	0.24	0.18	
Feb 5	0.16	\$	0.25	0.18	0.18	0.18	0.19	0.18	0.19	0.18	0.18	0.17	0.19	0.17	0.17	0.18	0.17	0.17	0.16	0.17	0.16	0.17	0.18	0.17	0.16	0.25	0.18	
Feb 6	\$	0.23	0.18	0.16	0.17	0.15	0.17	0.19	0.16	0.18	0.16	0.16	0.13	0.13	0.11	0.12	0.11	0.14	0.13	0.11	0.11	0.11	0.13	\$	0.11	0.23	0.15	
Feb 7	0.16	0.13	0.13	0.12	0.11	0.11	0.47	0.15	0.17	0.12	0.13	0.16	0.16	0.14	0.15	0.15	0.15	0.16	0.2	0.28	0.23	0.24	\$	0.28	0.11	0.47	0.18	
Feb 8	0.24	0.21	0.21	0.23	0.24	0.3	0.27	0.29	0.33	0.46	0.4	0.29	0.24	0.17	0.12	0.11	0.11	0.12	0.13	0.11	0.12	\$	0.24	0.19	0.11	0.46	0.22	
Feb 9	0.19	0.19	0.18	0.17	0.18	0.18	0.18	0.18	0.19	0.2	0.19	0.18	0.17	0.18	0.18	0.17	0.18	0.19	0.19	0.28	\$	0.29	0.26	0.25	0.17	0.29	0.20	
Feb 10	0.24	0.25	0.23	0.23	0.21	0.22	0.21	0.22	0.21	0.23	0.23	0.19	0.21	0.18	0.2	0.21	0.2	0.21	0.2	\$	0.22	0.13	0.09	0.05	0.05	0.25	0.20	
Feb 11	0.02	0	0	0	0	0	0.16	0	0	0	C	C	C	C	0.1	0	0	0.01	\$	0.32	0.29	0.23	0.22	0.23	0.00	0.32	0.08	
Feb 12	0.2	0.2	0.21	0.2	0.2	0.18	0.15	0.23	0.2	0.17	0.18	0.19	0.2	0.31	0.23	0.25	0.25	\$	0.29	0.31	0.23	0.22	0.2	0.2	0.21	0.15	0.31	0.21
Feb 13	0.18	0.2	0.19	0.2	0.22	0.22	0.59	0.27	0.21	0.2	0.2	0.19	0.19	0.2	0.2	0.21	\$	0.29	0.29	0.23	0.23	0.22	0.21	0.23	0.22	0.18	0.59	0.23
Feb 14	0.22	0.22	0.23	0.22	0.23	0.24	0.5	0.32	0.26	0.27	0.27	0.27	0.27	0.27	0.26	\$	0.32	0.28	0.28	0.26	0.27	0.27	0.26	0.26	0.22	0.50	0.27	
Feb 15	0.26	0.26	0.23	0.25	0.25	0.25	0.27	0.27	0.27	0.31	0.3	0.25	0.25	0.25	\$	0.31	0.24	0.23	0.28	0.37	0.38	0.36	0.32	0.3	0.23	0.38	0.28	
Feb 16	0.29	0.28	0.28	0.25	0.26	0.28	0.28	0.29	0.29	0.34	0.23	0.22	0.18	\$	0.28	0.24	0.21	0.23	0.26	0.26	0.3	0.26	0.24	0.24	0.18	0.34	0.26	
Feb 17	0.24	0.24	0.24	0.25	0.27	0.27	0.28	0.31	0.31	0.26	0.27	0.26	\$	0.33	0.3	0.28	0.27	0.26	0.29	0.23	0.24	0.25	0.22	0.22	0.22	0.33	0.26	
Feb 18	0.24	0.25	0.22	0.23	0.23	0.36	0.49	0.23	0.21	0.22	0.21	\$	0.3	0.26	0.21	0.23	0.2	0.21	0.23	0.22	0.21	0.21	0.21	0.2	0.20	0.49	0.24	
Feb 19	0.21	0.21	0.24	0.23	0.24	0.24	0.28	0.26	0.24	0.25	\$	0.31	0.27	0.25	0.24	0.25	0.27	0.25	0.25	0.28	0.26	0.25	0.24	0.25	0.21	0.31	0.25	
Feb 20	0.26	0.27	0.29	0.28	0.29	0.3	0.3	0.33	0.32	\$	0.34	0.25	0.26	0.27	0.27	0.26	0.27	0.23	0.22	0.23	0.31	0.29	0.32	0.3	0.22	0.34	0.28	
Feb 21	0.21	0.19	0.2	0.17	0.17	0.17	0.18	0.16	\$	0.22	0.19	0.19	0.19	0.2	0.19	0.2	0.2	0.2	0.21	0.26	0.3	0.27	0.25	0.22	0.16	0.30	0.21	
Feb 22	0.22	0.22	0.2	0.21	0.21	0.18	0.19	\$	0.25	0.21	0.2	0.18	0.17	0.2	0.22	0.21	0.26	0.28	0.37	0.22	0.18	0.19	0.37	0.18	0.17	0.37	0.22	
Feb 23	0.18	0.16	0.16	0.16	0.13	0.15	\$	0.19	0.17	0.15	0.15	0.16	0.16	0.15	0.14	0.17	0.21	0.19	0.19	0.2	0.22	0.21	0.2	0.27	0.13	0.27	0.18	
Feb 24	0.19	0.19	0.23	0.24	0.25	\$	0.26	0.18	0.19	0.22	0.18	0.21	0.21	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.16	0.22	0.16	0.26	0.19	
Feb 25	0.29	0.29	0.31	0.27	\$	0.4	0.64	0.32	0.27	0.28	0.27	0.23	0.23	0.24	0.28	0.27	0.27	0.26	0.23	0.21	0.2	0.19	0.19	0.19	0.19	0.64	0.28	
Feb 26	0.16	0.18	0.17	\$	0.24	0.22	0.2	0.17	0.18	0.16	0.17	0.17	0.18	0.19	0.19	0.19	0.16	0.18	0.18	0.21	0.23	0.24	0.23	0.2	0.16	0.24	0.19	
Feb 27	0.22	0.25	\$	0.34	0.23	0.16	0.17	0.15	0.16	0.16	0.15	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.19	0.22	0.21	0.19	0.18	0.15	0.34	0.19	
Feb 28	0.18	\$	0.25	0.22	0.19	0.19	0.18	0.18	0.17	0.17	0.19	0.19	0.19	0.2	0.2	0.2	0.22	0.23	0.22	0.19	0.19	0.19	0.21	0.18	0.17	0.25	0.20	

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction/Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of 30-Minute Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Alberta Ambient Air Quality Guideline (AAAQG) for TRS: 30-minute 5 ppb

Number of 30-Minute Exceedances: 0

Maximum 30-Minute Value:	0.83	ppb	on Feb 25 at 06:30	# of Instrument in Service	1344
Maximum Daily Value:	0.32	ppb	on Feb 1	# of Valid Measurements	1276
Minimum 30-Minute Value:	0.00	ppb	Feb 11 at 01:00	# of Missing Measurements:	0
Minimum Daily Value:	0.00	ppb	on Feb 29	# of Calibration:	68
Monthly Average:	0.22	ppb		Operational Uptime:	100.0

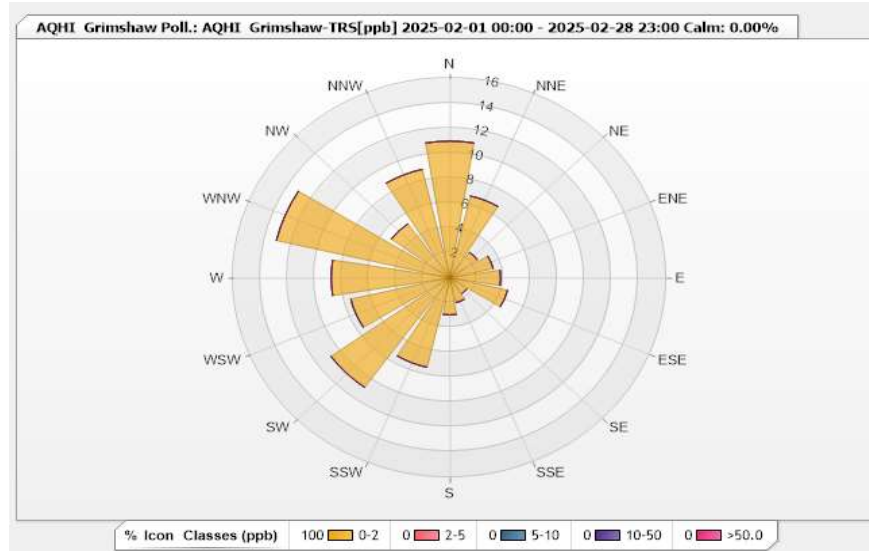
Day	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Diurnal Maximum	Diurnal Average		
30-Minute Period Starting at (MST)	00:00	0.2	0.27	0.29	0.17	0.17	S	0.18	0.26	0.18	0.25	0.03	0.19	0.18	0.22	0.25	0.28	0.23	0.25	0.2	0.25	0.25	0.22	0.18	0.2	0.23	0.15	0.21	0.18	0.29	0.21	
	00:30	0.2	0.29	0.3	0.19	0.16	S	0.15	0.23	0.19	0.24	0.01	0.21	0.18	0.21	0.27	0.3	0.25	0.23	0.21	0.27	0.18	0.23	0.17	0.18	0.35	0.16	0.23	0.18	0.35	0.21	
	01:00	0.3	0.28	0.3	0.17	S	0.26	0.14	0.2	0.19	0.23	0	0.2	0.22	0.22	0.26	0.26	0.25	0.25	0.21	0.27	0.2	0.23	0.16	0.17	0.29	0.18	0.24	S	0.30	0.22	
	01:30	0.32	0.27	0.3	0.18	S	0.2	0.12	0.21	0.19	0.26	0	0.21	0.18	0.22	0.25	0.31	0.23	0.24	0.2	0.26	0.18	0.2	0.17	0.2	0.29	0.18	0.26	S	0.32	0.22	
	02:00	0.32	0.25	0.28	S	0.26	0.18	0.13	0.23	0.19	0.23	0	0.21	0.18	0.23	0.23	0.27	0.25	0.23	0.23	0.28	0.19	0.21	0.17	0.3	0.19	S	0.27	0.32	0.22		
	02:30	0.31	0.28	0.27	S	0.24	0.18	0.13	0.19	0.17	0.23	0	0.2	0.2	0.23	0.24	0.29	0.24	0.22	0.25	0.29	0.21	0.19	0.15	0.23	0.32	0.16	S	0.23	0.32	0.22	
	03:00	0.32	0.27	S	0.26	0.18	0.15	0.12	0.22	0.17	0.23	0	0.19	0.2	0.22	0.24	0.26	0.24	0.23	0.23	0.29	0.17	0.21	0.16	0.23	0.28	S	0.39	0.22	0.39	0.22	
	03:30	0.32	0.28	S	0.21	0.18	0.17	0.13	0.24	0.16	0.22	0	0.21	0.21	0.22	0.25	0.23	0.25	0.23	0.23	0.27	0.18	0.22	0.16	0.24	0.25	S	0.29	0.21	0.32	0.21	
	04:00	0.32	S	0.39	0.2	0.16	0.18	0.11	0.24	0.18	0.22	0	0.19	0.22	0.23	0.23	0.27	0.27	0.23	0.24	0.29	0.18	0.21	0.14	0.27	S	0.25	0.27	0.19	0.39	0.22	
	04:30	0.32	S	0.33	0.17	0.2	0.16	0.12	0.25	0.17	0.21	0	0.2	0.22	0.23	0.27	0.26	0.27	0.24	0.24	0.29	0.16	0.21	0.13	0.23	S	0.22	0.19	0.2	0.33	0.21	
	05:00	S	0.34	0.31	0.16	0.18	0.15	0.12	0.31	0.18	0.22	0	0.22	0.21	0.23	0.25	0.26	0.27	0.23	0.25	0.3	0.17	0.18	0.15	S	0.49	0.22	0.16	0.2	0.49	0.22	
	05:30	S	0.29	0.3	0.2	0.17	0.16	0.11	0.29	0.18	0.21	0	0.14	0.22	0.24	0.25	0.3	0.26	0.5	0.23	0.3	0.17	0.17	0.15	S	0.31	0.23	0.17	0.19	0.50	0.22	
	06:00	0.42	0.3	0.3	0.16	0.19	0.17	0.6	0.32	0.18	0.19	0.2	0.14	0.54	0.49	0.27	0.29	0.27	0.69	0.25	0.3	0.19	0.19	S	0.28	0.45	0.21	0.17	0.19	0.69	0.29	
	06:30	0.36	0.29	0.3	0.19	0.18	0.18	0.35	0.22	0.18	0.22	0.12	0.16	0.65	0.51	0.27	0.28	0.29	0.29	0.3	0.3	0.17	0.2	S	0.24	0.83	0.19	0.17	0.18	0.83	0.28	
	07:00	0.36	0.28	0.27	0.17	0.19	0.18	0.15	0.27	0.19	0.21	0	0.22	0.29	0.39	0.28	0.27	0.31	0.25	0.28	0.32	0.15	S	0.21	0.2	0.37	0.19	0.15	0.18	0.39	0.23	
	07:30	0.36	0.27	0.33	0.15	0.17	0.19	0.15	0.31	0.18	0.22	0	0.24	0.24	0.24	0.25	0.31	0.3	0.21	0.25	0.33	0.16	S	0.18	0.17	0.26	0.16	0.15	0.18	0.36	0.22	
	08:00	0.34	0.27	0.35	0.16	0.18	0.16	0.17	0.33	0.17	0.2	0	0.23	0.2	0.25	0.26	0.28	0.32	0.22	0.25	0.32	S	0.27	0.18	0.19	0.27	0.18	0.15	0.17	0.35	0.22	
	08:30	0.34	0.29	0.34	0.18	0.19	0.17	0.16	0.34	0.2	0.21	0	0.17	0.23	0.27	0.28	0.29	0.31	0.2	0.24	0.33	S	0.23	0.17	0.2	0.26	0.18	0.16	0.17	0.34	0.23	
	09:00	0.35	0.28	0.32	0.16	0.19	0.2	0.12	0.4	0.19	0.22	0	0.16	0.21	0.27	0.31	0.38	0.25	0.22	0.25	S	0.24	0.22	0.15	0.21	0.28	0.16	0.15	0.18	0.40	0.22	
	09:30	0.34	0.26	0.37	0.18	0.17	0.15	0.12	0.51	0.2	0.23	C	0.17	0.19	0.27	0.32	0.3	0.26	0.22	0.26	S	0.2	0.2	0.15	0.22	0.28	0.16	0.17	0.17	0.51	0.23	
	10:00	0.33	0.3	0.32	0.18	0.18	0.16	0.12	0.4	0.19	0.24	C	0.17	0.2	0.25	0.32	0.23	0.28	0.22	S	0.37	0.2	0.2	0.14	0.19	0.28	0.17	0.15	0.19	0.40	0.23	
	10:30	0.31	0.29	0.25	0.17	0.18	0.15	0.14	0.4	0.18	0.21	C	0.18	0.2	0.28	0.27	0.23	0.23	0.26	0.2	S	0.31	0.19	0.18	0.16	0.18	0.26	0.17	0.15	0.19	0.40	0.22
	11:00	0.32	0.27	0.25	0.16	0.17	0.17	0.16	0.32	0.19	0.18	C	0.2	0.19	0.27	0.24	0.22	0.25	S	0.33	0.25	0.18	0.18	0.15	0.22	0.24	0.18	0.16	0.19	0.33	0.22	
	11:30	0.31	0.28	0.18	0.16	0.17	0.17	0.16	0.27	0.17	0.19	C	0.2	0.2	0.27	0.26	0.27	0.27	S	0.34	0.26	0.24	0.16	0.17	0.2	0.24	0.16	0.17	0.19	0.31	0.21	
	12:00	0.37	0.28	0.25	0.15	0.19	0.14	0.16	0.25	0.18	0.2	C	0.22	0.2	0.27	0.25	0.19	S	0.34	0.28	0.25	0.18	0.17	0.15	0.21	0.22	0.17	0.17	0.2	0.37	0.22	
	12:30	0.32	0.28	0.22	0.17	0.19	0.12	0.15	0.23	0.16	0.21	C	0.19	0.18	0.27	0.24	0.18	S	0.27	0.26	0.27	0.19	0.17	0.16	0.21	0.23	0.19	0.17	0.18	0.32	0.21	
	13:00	0.34	0.28	0.21	0.17	0.16	0.14	0.14	0.22	0.2	0.19	C	0.3	0.2	0.27	0.24	S	0.36	0.26	0.25	0.28	0.2	0.19	0.15	0.17	0.23	0.19	0.18	0.19	0.36	0.22	
	13:30	0.33	0.29	0.22	0.17	0.18	0.13	0.14	0.13	0.16	0.17	C	0.32	0.2	0.28	0.26	S	0.29	0.25	0.24	0.26	0.19	0.21	0.15	0.17	0.25	0.19	0.17	0.2	0.33	0.21	
14:00	0.34	0.28	0.23	0.18	0.17	0.13	0.15	0.12	0.17	0.19	C	0.23	0.2	0.28	S	0.32	0.3	0.21	0.25	0.26	0.21	0.21	0.15	0.16	0.28	0.2	0.18	0.19	0.34	0.22		
14:30	0.35	0.29	0.21	0.16	0.16	0.1	0.15	0.12	0.19	0.2	0	0.22	0.2	0.24	S	0.24	0.3	0.21	0.23	0.29	0.18	0.23	0.14	0.16	0.27	0.17	0.16	0.2	0.35	0.20		
15:00	0.33	0.28	0.21	0.2	0.18	0.12	0.16	0.11	0.17	0.2	0	0.21	0.2	S	0.35	0.23	0.29	0.23	0.25	0.25	0.2	0.2	0.16	0.17	0.27	0.2	0.16	0.19	0.35	0.20		
15:30	0.31	0.28	0.24	0.18	0.18	0.11	0.14	0.11	0.18	0.23	0	0.29	0.22	S	0.27	0.24	0.27	0.22	0.24	0.27	0.2	0.23	0.18	0.17	0.27	0.18	0.18	0.21	0.31	0.21		
16:00	0.31	0.28	0.2	0.18	0.18	0.1	0.14	0.12	0.18	0.2	0	0.27	S	0.33	0.26	0.2	0.26	0.2	0.26	0.3	0.2	0.24	0.21	0.17	0.27	0.14	0.17	0.21	0.33	0.21		
16:30	0.31	0.29	0.2	0.18	0.16	0.12	0.15	0.1	0.18	0.2	0	0.24	S	0.3	0.23	0.21	0.28	0.19	0.29	0.24	0.19	0.27	0.22	0.17	0.27	0.18	0.17	0.23	0.31	0.21		
17:00	0.3	0.3	0.2	0.17	0.17	0.15	0.15	0.13	0.18	0.22	0	S	0.33	0.28	0.22	0.21	0.28	0.22	0.25	0.24	0.19	0.28	0.2	0.17	0.27	0.18	0.18	0.22	0.33	0.21		
17:30	0.3	0.34	0.21	0.16	0.16	0.14	0.16	0.11	0.21	0.21	0.02	S	0.25	0.28	0.24	0.25	0.25	0.21	0.26	0.23	0.2	0.28	0.19	0.17	0.24	0.18	0.18	0.24	0.34	0.21		
18:00	0.28	0.39	0.23	0.18	0.15	0.13	0.17	0.13	0.19	0.2	S	0.34	0.24	0.28	0.27	0.26	0.32	0.23	0.26	0.21	0.21	0.4	0.19	0.17	0.24	0.18	0.18	0.23	0.40	0.23		
18:30	0.32	0.45	0.2	0.21	0.16	0.13	0.23	0.13	0.2	0.19	S	0.28	0.22	0.28	0.28	0.26	0.27	0.23	0.24	0.23	0.21	0.34	0.18	0.18	0.22	0.19	0.18	0.22	0.45	0.23		
19:00	0.33	0.42	0.25	0.19	0.17	0.11	0.31	0.11	0.24	S	0.34	0.24	0.24	0.27	0.27	0.27	0.24	0.23	0.29	0.23	0.26	0.22	0.2	0.17	0.21	0.23	0.2	0.2	0.42	0.24		
19:30	0.3	0.36	0.25	0.19	0.16	0.1	0.25	0.12	0.32	S	0.31	0.22	0.22	0.26	0.48	0.25	0.23	0.21	0.28	0.23	0.27	0.23	0.2	0.17	0.21	0.19	0.19	0.18	0.48	0.24		
20:00	0.32	0.37	0.24	0.17	0.16	0.11	0.23	0.12	S	0.26	0.31	0.23	0.22	0.27	0.4	0.27	0.24	0.22	0.25	0.25	0.25	0.3	0.18	0.24	0.17	0.22	0.23	0.21	0.19	0.40	0.24	

Station: AQHI Grimshaw Poll.: AQHI Grimshaw-TRS[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

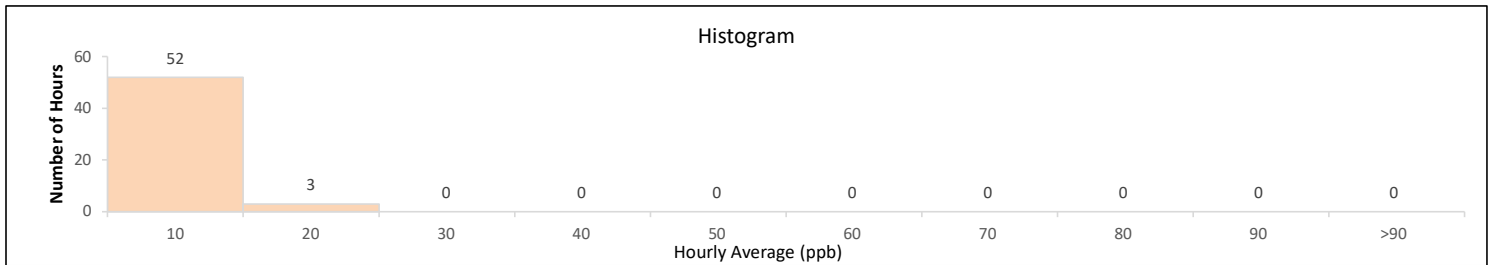
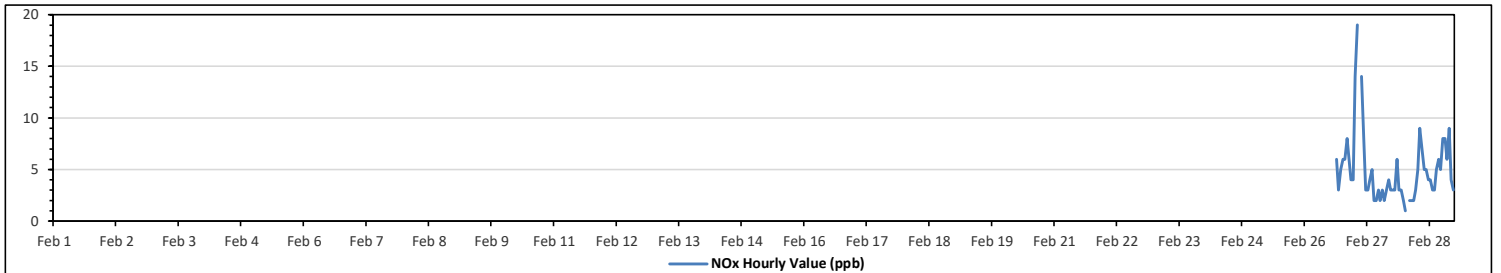
Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	10.95	0	0	0	0	10.95
NNE	6.73	0	0	0	0	6.73
NE	2.5	0	0	0	0	2.5
ENE	3.29	0	0	0	0	3.29
E	3.76	0	0	0	0	3.76
ESE	4.38	0	0	0	0	4.38
SE	1.56	0	0	0	0	1.56
SSE	2.03	0	0	0	0	2.03
S	2.97	0	0	0	0	2.97
SSW	7.36	0	0	0	0	7.36
SW	10.8	0	0	0	0	10.8
WSW	7.51	0	0	0	0	7.51
W	8.76	0	0	0	0	8.76
WNW	13.15	0	0	0	0	13.15
NW	5.32	0	0	0	0	5.32
NNW	8.92	0	0	0	0	8.92
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
OXIDES OF NITROGEN (NOx) in ppb

Maximum Hourly Value:	19	ppb	on Feb 27 at hr 1	Hours in Service:	672																							
Maximum Daily Value:	5.0	ppb	on Feb 27	Hours of Data:	55																							
Minimum Hourly Value:	1	ppb	on Feb 28 at hr 0	Hours of Missing Data:	608																							
Minimum Daily Value:	4.7	ppb	on Feb 28	Hours of Calibration:	9																							
Monthly Average:	NA	ppb		Operational Uptime:	9.5																							
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
Feb 1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 16	X	X	X	X	X	X	X	NRM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Feb 26	X	X	X	X	X	X	X	X	C	C	C	C	C	C	C	6	3	5	6	6	8	6	4	4		3	8	NA
Feb 27	14	19	5	14	8	3	3	4	5	2	2	3	2	3	2	3	4	3	3	3	6	3	3	2		2	19	5.0
Feb 28	1	5	2	2	2	3	5	9	7	5	5	4	4	3	3	5	6	5	8	8	6	9	4	3		1	9	4.7
Diurnal Maximum	14	19	2	14	8	3	5	9	7	5	5	4	4	3	3	6	6	5	8	8	8	9	4	4				
Diurnal Average	7.5	19.0	2.0	8.0	5.0	3.0	4.0	6.5	6.0	3.5	3.5	3.0	3.0	2.5	4.7	4.3	4.3	5.7	5.7	6.7	6.0	3.7	3.0					
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance											
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure			
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																			
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																												
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																												

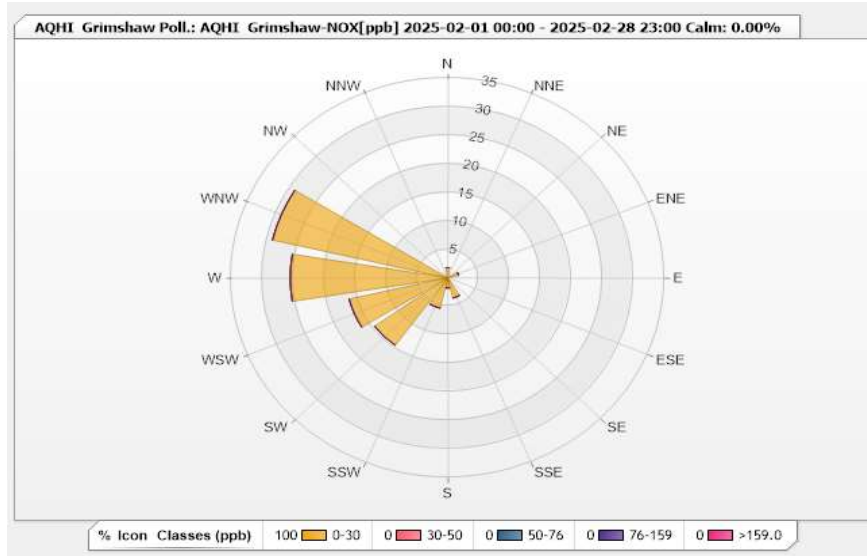


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NOX[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 8.18% Calm Avg: 0.00 [ppb]

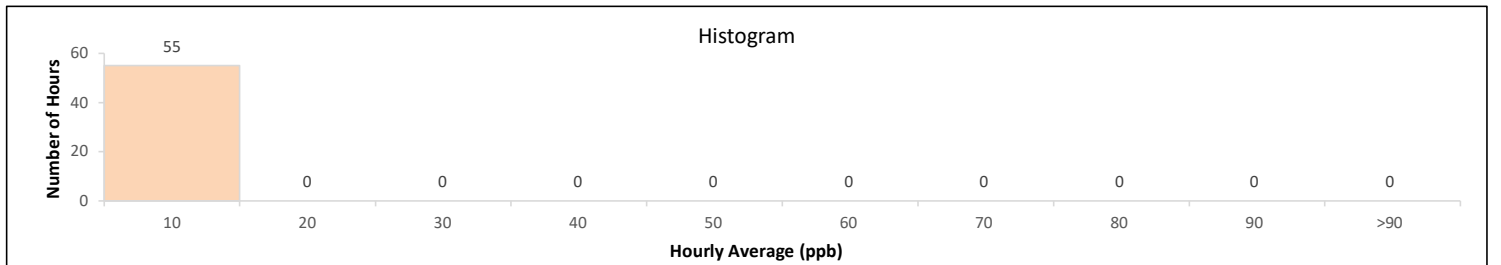
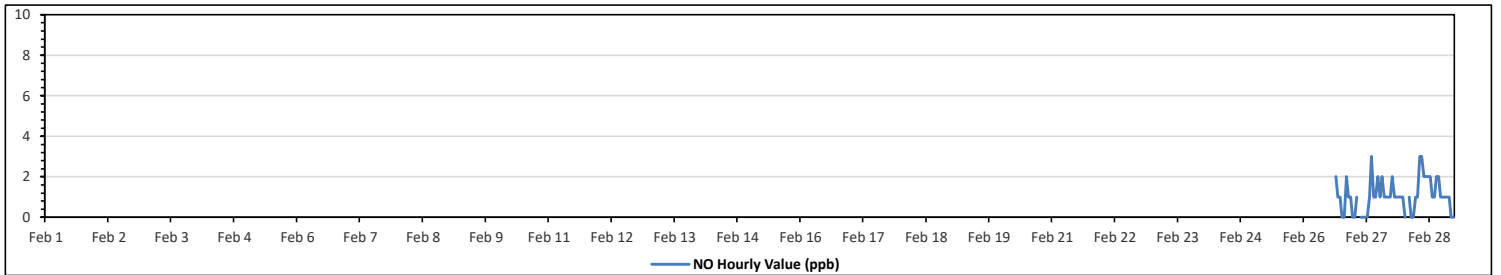
Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	1.82	0	0	0	0	1.82
NNE	0	0	0	0	0	0
NE	0	0	0	0	0	0
ENE	1.82	0	0	0	0	1.82
E	0	0	0	0	0	0
ESE	0	0	0	0	0	0
SE	0	0	0	0	0	0
SSE	3.64	0	0	0	0	3.64
S	1.82	0	0	0	0	1.82
SSW	5.45	0	0	0	0	5.45
SW	14.55	0	0	0	0	14.55
WSW	16.36	0	0	0	0	16.36
W	25.45	0	0	0	0	25.45
WNW	29.09	0	0	0	0	29.09
NW	0	0	0	0	0	0
NNW	0	0	0	0	0	0
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
NITRIC OXIDE (NO) in ppb

Maximum Hourly Value:	3	ppb	on Feb 27 at hr 8	Hours in Service:	672																						
Maximum Daily Value:	1.2	ppb	on Feb 28	Hours of Data:	55																						
Minimum Hourly Value:	0	ppb	on Feb 26 at hr 18	Hours of Missing Data:	608																						
Minimum Daily Value:	1.0	ppb	on Feb 27	Hours of Calibration:	9																						
Monthly Average:	NA	ppb		Operational Uptime:	9.5																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 16	X	X	X	X	X	X	X	NRM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
Feb 26	X	X	X	X	X	X	X	X	C	C	C	C	C	C	C	2	1	1	0	0	2	1	1	0	0	2	NA
Feb 27	0	1	S	0	0	0	0	1	3	1	1	2	1	2	1	1	1	1	2	1	1	1	1	0	3	1.0	
Feb 28	0	S	1	0	0	1	1	3	3	2	2	2	2	1	1	2	2	1	1	1	1	1	0	0	3	1.2	
Diurnal Maximum	0	1	1	0	0	1	1	3	3	2	2	2	2	2	1	2	2	1	2	1	2	1	1	1	1		
Diurnal Average	0.0	1.0	1.0	0.0	0.0	0.5	0.5	2.0	3.0	1.5	1.5	2.0	1.5	1.5	1.0	1.7	1.3	1.0	1.0	0.7	1.3	1.0	0.7	0.3			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure		
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																		
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

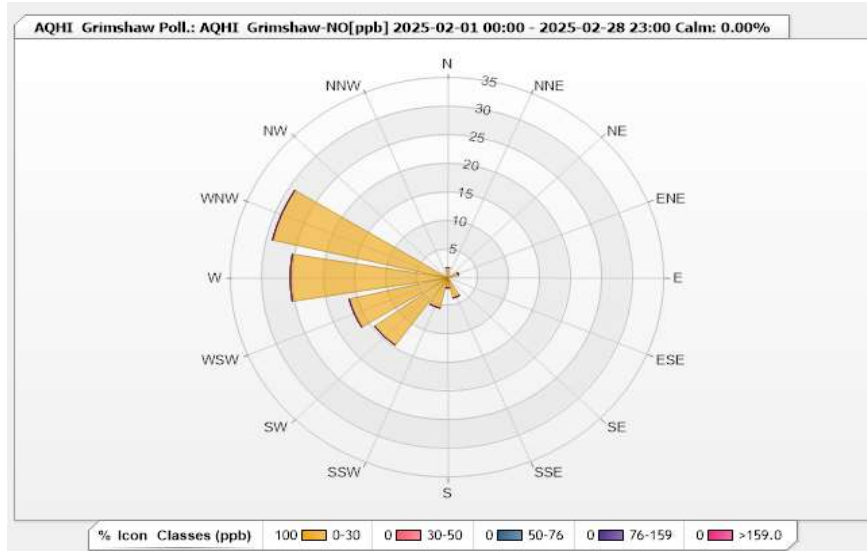


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

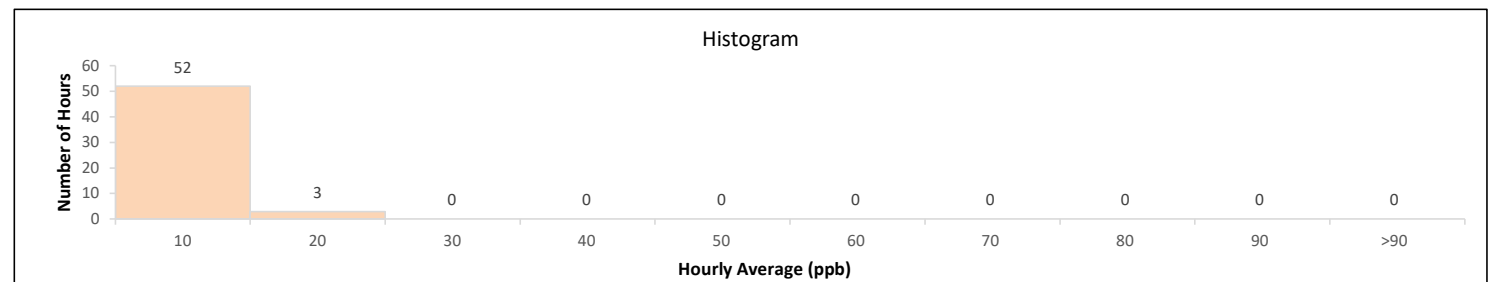
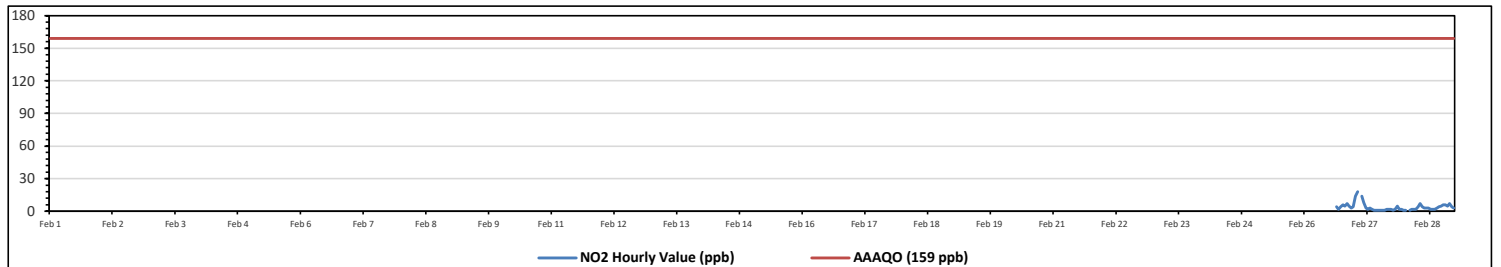
Calm: 0.00% Valid Data: 8.18% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	1.82	0	0	0	0	1.82
NNE	0	0	0	0	0	0
NE	0	0	0	0	0	0
ENE	1.82	0	0	0	0	1.82
E	0	0	0	0	0	0
ESE	0	0	0	0	0	0
SE	0	0	0	0	0	0
SSE	3.64	0	0	0	0	3.64
S	1.82	0	0	0	0	1.82
SSW	5.45	0	0	0	0	5.45
SW	14.55	0	0	0	0	14.55
WSW	16.36	0	0	0	0	16.36
W	25.45	0	0	0	0	25.45
WNW	29.09	0	0	0	0	29.09
NW	0	0	0	0	0	0
NNW	0	0	0	0	0	0
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
NITROGEN DIOXIDE (NO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 159 ppb																																				
Number of 1-Hour Exceedances:		0																																		
Maximum Hourly Value:		18	ppb	on Feb 27 at hr 1										Hours in Service:		672																				
Maximum Daily Value:		3.9	ppb	on Feb 27										Hours of Data:		55																				
Minimum Hourly Value:		1	ppb	on Feb 27 at hr 9										Hours of Missing Data:		608																				
Minimum Daily Value:		3.5	ppb	on Feb 28										Hours of Calibration:		9																				
Monthly Average:		NA	ppb											Operational Uptime:		9.5																				
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)													14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-				
Feb 27	14	18	5	14	8	3	2	3	2	1	1	1	1	1	1	2	2	2	1	2	5	2	2	1	1	18	3.9									
Feb 28	1	5	1	2	2	2	4	7	4	3	3	3	2	2	2	3	4	5	6	6	5	7	4	3	1	7	3.5									
Diurnal Maximum	14	18	1	14	8	3	4	7	4	3	3	3	2	2	2	4	4	5	6	6	7	7	4	4												
Diurnal Average	7.5	18.0	1.0	8.0	5.0	2.5	3.0	5.0	3.0	2.0	2.0	2.0	1.5	1.5	1.5	3.0	2.7	3.7	4.3	4.3	5.7	4.7	3.0	2.7												
C	Monthly Calibration								S	Daily Zero-Span Check								Q	Quality Assurance																	
K	Collection Error								ND	No Data (Machine Not in Service)								Y	Routine Maintenance								P	Power Failure								
X	Invalid Data (Equipment Malfunction /Recovery)								NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																										
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																				
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																				

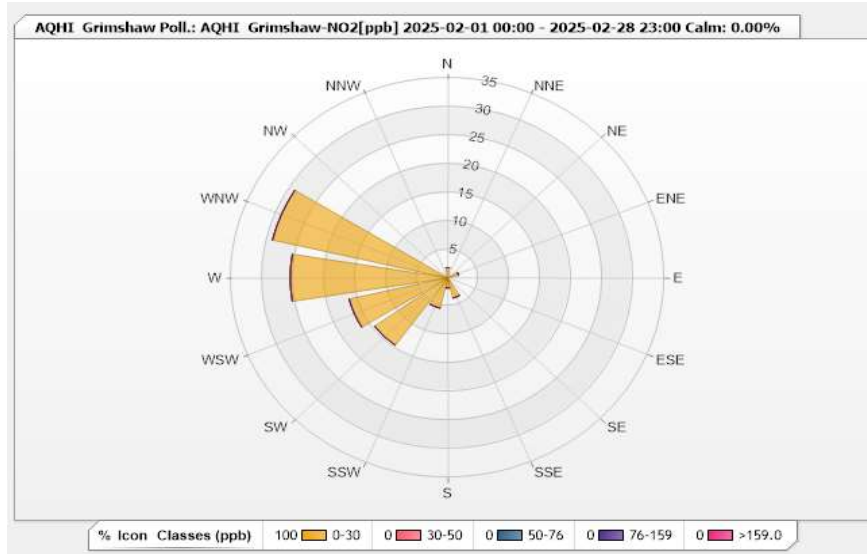


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO2[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

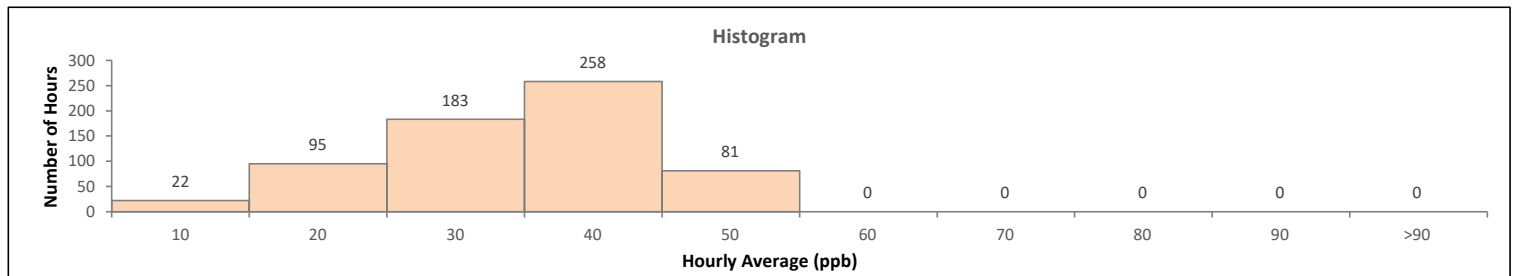
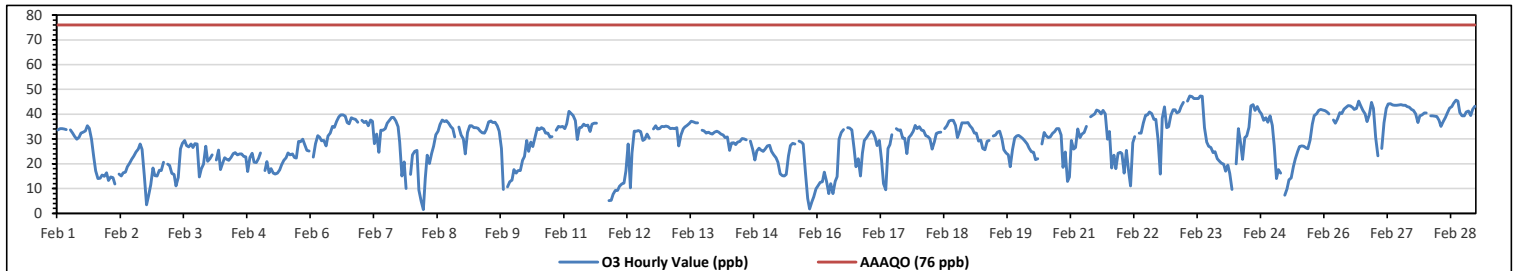
Calm: 0.00% Valid Data: 8.18% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	1.82	0	0	0	0	1.82
NNE	0	0	0	0	0	0
NE	0	0	0	0	0	0
ENE	1.82	0	0	0	0	1.82
E	0	0	0	0	0	0
ESE	0	0	0	0	0	0
SE	0	0	0	0	0	0
SSE	3.64	0	0	0	0	3.64
S	1.82	0	0	0	0	1.82
SSW	5.45	0	0	0	0	5.45
SW	14.55	0	0	0	0	14.55
WSW	16.36	0	0	0	0	16.36
W	25.45	0	0	0	0	25.45
WNW	29.09	0	0	0	0	29.09
NW	0	0	0	0	0	0
NNW	0	0	0	0	0	0
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
OZONE (O₃) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 76 ppb																											
Number of 1-Hour Exceedances:		0																									
Maximum Hourly Value:		47.4	ppb		on Feb 23 at hr 8																		Hours in Service:		672		
Maximum Daily Value:		41.2	ppb		on Feb 26																		Hours of Data:		639		
Minimum Hourly Value:		1.5	ppb		on Feb 8 at hr 5																		Hours of Missing Data:		0		
Minimum Daily Value:		17.1	ppb		on Feb 2																		Hours of Calibration:		33		
Monthly Average:		29.3	ppb																				Operational Uptime:		100.0		
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	33.7	34.2	34.1	34	33.8	S	33.7	32.4	31.1	29.9	30.7	32.3	32.7	33.3	35.3	34.3	29.9	22.7	17.1	14	14.2	15.5	14.9	16.4	14.0	35.3	27.8
Feb 2	13.2	14.7	14.4	11.8	S	15.9	15.1	16.4	16.6	18.9	20.3	21.9	23.1	24.8	25.9	28	25.8	15.2	3.5	6.9	11.5	18.3	15.2	15	3.5	28.0	17.1
Feb 3	17.4	17.3	20.6	S	19.8	19.3	16.1	15.7	11.1	14.4	26	28.2	29.4	27.4	26.9	28	26.6	28.1	27.9	14.7	17.9	19.8	27.1	21.1	11.1	29.4	21.8
Feb 4	22.1	23.6	S	21.5	25.5	17.6	20	22.4	21.7	21.3	22.6	24.1	24.5	23.5	24	23.9	23	22.8	16.9	22.6	24.2	20.7	20.5	22.2	16.9	25.5	22.2
Feb 5	24.4	S	17.3	20.9	16.4	18	16.3	15.8	16.3	17.5	19.6	21.3	22.5	24.3	23.6	24	22.6	22.3	29	28.9	29.9	27.5	25.4	25.2	15.8	29.9	22.1
Feb 6	S	22.7	28.1	31.4	30.7	29.3	29.4	27.2	31.2	32.3	35.1	34.7	37.1	39	39.7	39.7	39.2	36.6	36.1	38.5	38.2	37.9	36.8	S	22.7	39.7	34.1
Feb 7	37.5	36.6	37.1	35.4	37.7	37.2	28.1	31.9	24.6	33.6	33.6	34.2	36.4	37.5	38.7	38.6	37.3	35	28.7	15	20.8	10.1	S	15.7	10.1	38.7	31.4
Feb 8	23.5	25.1	25.4	9.4	5	1.5	14.2	23.4	20.1	24.2	27.1	31.8	33.2	35.9	37.7	37	37.4	36.4	34.9	34.1	30.8	S	34.8	31.7	1.5	37.7	26.7
Feb 9	30	23.9	32.6	35.3	35.3	34.5	34.5	34.3	33.3	32.5	32.4	33.9	36.9	37.3	36.6	36.7	35.4	33.1	26.1	9.6	S	10.6	12.7	13.4	9.6	37.3	29.6
Feb 10	17.6	16.3	17.2	17.2	21.4	23	29.5	25	28.8	27	30.7	34.4	33.8	34.6	34	32.3	32.4	30.7	31	S	33.6	35.1	34.8	35.1	16.3	35.1	28.5
Feb 11	34.2	36.1	41.1	40.3	39.5	37.4	29.8	34.6	34.7	36	35.4	35.6	33	36	36.3	36.3	C	C	C	C	C	5.1	5.2	7.8	5.1	41.1	31.3
Feb 12	9.3	9.3	10.9	11.9	12.3	17.1	27.9	10.4	24.4	33.1	33.1	33.4	33	29.4	29.9	31.9	30.3	S	34	35.3	34	34.1	35.1	34.9	9.3	35.3	25.9
Feb 13	35.2	34.9	34.2	34.3	34.2	34.5	27.2	31.6	34	34.8	35.5	36.2	37.2	36.9	36.5	36.5	S	33.5	33.3	32.4	32.8	32.2	32	32.7	27.2	37.2	34.0
Feb 14	33.2	32.7	31.9	31.6	30.5	30.8	25.4	28.3	28.5	27.7	28.7	29	30.2	30	29.7	S	29.2	25.9	21.5	25.2	26.3	25.5	25.1	25.9	21.5	33.2	28.4
Feb 15	27.3	27.5	25	23.5	22.4	20.6	16	15.2	15	15.7	23.3	27.4	28.2	27.9	S	29.2	28.7	28	16.5	6.1	1.8	4.6	6.6	9.9	1.8	29.2	19.4
Feb 16	11.1	12.5	12.7	16.7	12.9	8	12	8	12.9	14.8	29.9	32.6	33.8	S	34.5	34.4	33.7	26.1	18.9	22	15	24.2	29.5	30.5	8.0	34.5	21.2
Feb 17	31.9	33.1	32.7	30.6	27.4	29.4	21.2	12	9.5	26.1	27.7	31.8	S	34.2	33.5	33.7	30.3	30.3	24.1	30.6	31.6	33.2	35.5	34.1	9.5	35.5	28.9
Feb 18	35	33.6	33.4	31.3	30.9	30	25.9	28.9	32.2	32.6	32.8	S	34.1	35.3	37.3	37.5	37.5	35.5	30.5	33.1	36.5	36.5	36.5	36.6	25.9	37.5	33.6
Feb 19	35.4	34.3	32.4	32.3	29.1	29.6	26.1	25.6	29.1	29.4	S	31.2	31.6	32.7	33.2	30	25.6	24.4	23.5	18.9	25.6	30.4	31.2	31.5	18.9	35.4	29.3
Feb 20	30.8	30.2	29.1	28	26.3	24.9	24.6	21.6	22.1	S	28	32.6	31.3	30.6	30.8	32.2	33	34.1	34.1	31.6	18.6	24.8	12.9	14.7	12.9	34.1	27.3
Feb 21	29.5	25.9	26.6	34	30.5	32	32.6	35.1	S	39	39.6	40.2	41.7	41.3	40.2	41.6	40.1	29.9	33	18.3	23.4	18.1	24.2	24.7	18.1	41.7	32.2
Feb 22	24.1	16.2	25.4	18.1	11	28.5	31	S	32.3	32.3	36.5	39.6	39.8	40.9	40.3	37.9	37.9	29.7	15.9	38.3	42.9	34.5	35	39.6	11.0	42.9	31.6
Feb 23	41.8	41.8	40.4	41	43.1	44.7	S	45.3	47.4	47	46.3	46.3	46.3	47.4	47.2	34.6	28.8	27.1	26.5	24.5	24.9	22.1	21	20.3	20.3	47.4	37.2
Feb 24	19.8	17	19.4	16.1	9.6	S	20	34.1	29.2	21.8	30.5	31.2	34.7	43.3	43.9	41.6	43	41.1	40.2	37.6	38.5	36.8	39.3	35.5	9.6	43.9	31.5
Feb 25	27.2	14	17.6	16.3	S	7.3	9.9	13.5	14.3	19	22	24.9	27	27.3	27.1	26.4	26	29.6	36	39.5	40.2	41.6	41.9	41.7	7.3	41.9	25.7
Feb 26	41.4	40.8	40.2	S	37.7	36.4	38.2	40.6	40.3	42.1	42.8	43.4	43.3	42.7	42	42.4	45.2	43.5	41.6	40.1	37	39.7	44.7	42.4	36.4	45.2	41.2
Feb 27	30.6	23.2	S	26.1	36.5	42.3	44.1	44.3	43.8	43.6	43.6	43.8	43.9	43.6	43.6	43.1	42.8	41.9	41.6	40.2	36.6	39.4	39.7	40.4	23.2	44.3	39.9
Feb 28	40.5	S	39.4	39.4	39.2	39.1	37.6	35.1	37	38.7	40.4	42.5	43.1	44.6	45.7	45.3	40.6	39.4	39.3	40.8	41.3	39.5	42	43.2	35.1	45.7	40.6
Diurnal Maximum	41.8	41.8	41.1	41.0	43.1	44.7	44.1	45.3	47.4	47.0	46.3	46.3	46.3	47.4	47.2	45.3	45.2	43.5	41.6	40.8	42.9	41.6	44.7	43.2			
Diurnal Average	28.1	26.1	27.7	26.5	26.9	26.5	25.4	26.2	27.6	29.1	31.6	33.3	34.1	34.9	35.3	34.7	33.2	30.9	28.2	26.9	28.0	26.6	28.1	27.5			
C	Monthly Calibration					S	Daily Zero-Span Check					Q	Quality Assurance														
K	Collection Error					ND	No Data (Machine Not in Service)					Y	Routine Maintenance					P Power Failure									
X	Invalid Data (Equipment Malfunction /Recovery)					NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											

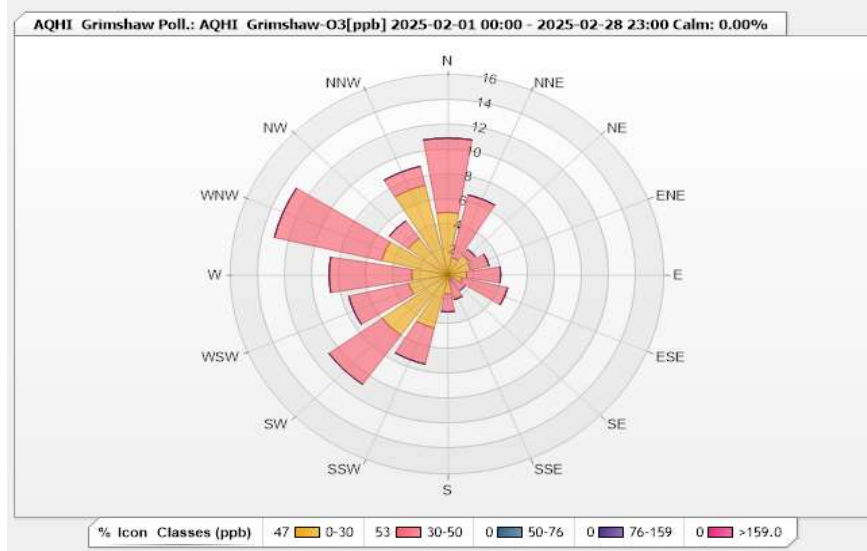


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-O3[ppb] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 95.09% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	5.01	5.95	0	0	0	10.96
NNE	1.41	5.16	0	0	0	6.57
NE	1.88	0.63	0	0	0	2.51
ENE	1.72	1.41	0	0	0	3.13
E	1.41	2.5	0	0	0	3.91
ESE	1.1	3.44	0	0	0	4.54
SE	0.31	1.25	0	0	0	1.56
SSE	0.47	1.56	0	0	0	2.03
S	1.56	1.41	0	0	0	2.97
SSW	4.38	2.97	0	0	0	7.35
SW	5.95	4.85	0	0	0	10.8
WSW	2.97	4.54	0	0	0	7.51
W	2.66	6.1	0	0	0	8.76
WNW	5.01	8.14	0	0	0	13.15
NW	3.6	1.72	0	0	0	5.32
NNW	7.36	1.56	0	0	0	8.92
Summary	46.8	53.19	0	0	0	100



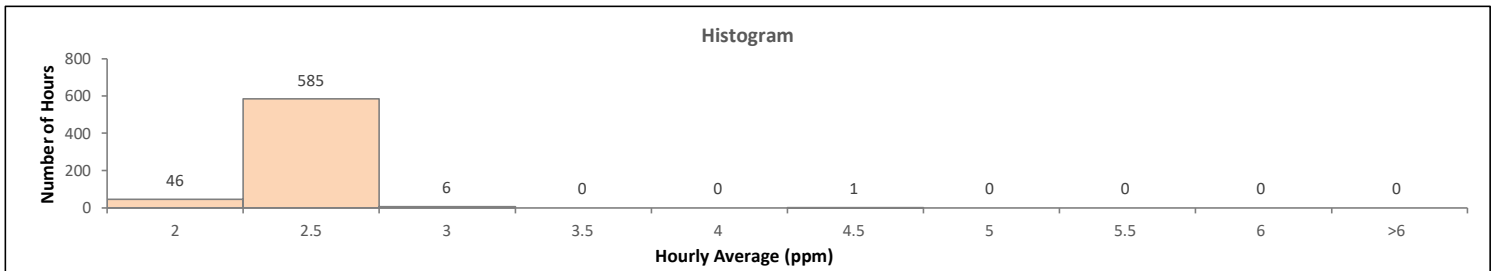
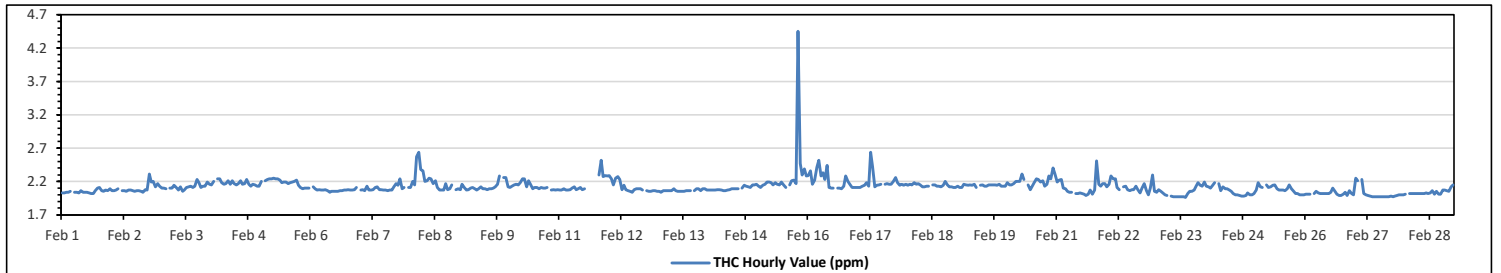
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	4.45	ppm	on Feb 15 at hr 19	Hours in Service:	672
Maximum Daily Value:	2.30	ppm	on Feb 15	Hours of Data:	638
Minimum Hourly Value:	1.96	ppm	on Feb 23 at hr 14	Hours of Missing Data:	0
Minimum Daily Value:	2.01	ppm	on Feb 27	Hours of Calibration:	34
Monthly Average:	2.12	ppm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	2.03	2.03	2.04	2.04	2.05	\$	2.04	2.04	2.03	2.06	2.04	2.04	2.04	2.03	2.02	2.02	2.06	2.10	2.11	2.06	2.05	2.07	2.06	2.09	2.02	2.11	2.05
Feb 2	2.06	2.06	2.07	2.09	\$	2.06	2.06	2.05	2.07	2.07	2.06	2.05	2.06	2.06	2.05	2.04	2.08	2.07	2.31	2.19	2.20	2.12	2.17	2.13	2.04	2.31	2.09
Feb 3	2.10	2.10	2.09	\$	2.10	2.10	2.14	2.11	2.07	2.12	2.05	2.07	2.11	2.12	2.13	2.11	2.13	2.23	2.18	2.11	2.13	2.13	2.19	2.16	2.05	2.23	2.12
Feb 4	2.15	2.20	\$	2.24	2.24	2.18	2.16	2.17	2.21	2.16	2.21	2.17	2.15	2.17	2.21	2.16	2.17	2.23	2.16	2.13	2.16	2.15	2.13	2.13	2.13	2.24	2.18
Feb 5	2.20	\$	2.21	2.23	2.24	2.24	2.25	2.24	2.24	2.22	2.18	2.19	2.19	2.17	2.18	2.19	2.20	2.22	2.14	2.11	2.09	2.10	2.10	2.10	2.09	2.25	2.18
Feb 6	\$	2.12	2.09	2.07	2.08	2.07	2.07	2.08	2.06	2.04	2.05	2.05	2.05	2.05	2.06	2.06	2.07	2.07	2.08	2.07	2.08	2.11	\$	2.04	2.12	2.07	
Feb 7	2.07	2.08	2.06	2.13	2.07	2.07	2.08	2.11	2.12	2.08	2.08	2.07	2.07	2.06	2.07	2.07	2.12	2.17	2.14	2.24	2.09	2.11	\$	2.11	2.06	2.24	2.10
Feb 8	2.11	2.20	2.15	2.57	2.64	2.38	2.36	2.20	2.21	2.25	2.24	2.17	2.21	2.11	2.07	2.07	2.07	2.17	2.08	2.09	2.15	\$	2.08	2.09	2.07	2.64	2.20
Feb 9	2.08	2.16	2.11	2.07	2.08	2.10	2.11	2.09	2.07	2.09	2.12	2.09	2.09	2.08	2.09	2.09	2.10	2.12	2.16	2.28	\$	2.26	2.26	2.12	2.07	2.28	2.12
Feb 10	2.11	2.13	2.15	2.16	2.15	2.18	2.24	2.24	2.12	2.21	2.16	2.09	2.11	2.11	2.09	2.11	2.10	2.10	2.11	\$	2.07	2.08	2.07	2.08	2.07	2.24	2.13
Feb 11	2.07	2.07	2.09	2.07	2.07	2.08	2.10	2.12	2.08	2.09	2.11	2.08	2.09	\$	\$	\$	\$	\$	\$	2.30	2.52	2.27	2.29	2.28	2.07	2.52	2.15
Feb 12	2.29	2.24	2.15	2.25	2.27	2.23	2.08	2.14	2.08	2.06	2.05	2.04	2.08	2.09	2.09	2.09	2.07	\$	2.06	2.05	2.05	2.06	2.06	2.05	2.04	2.29	2.11
Feb 13	2.05	2.04	2.06	2.06	2.06	2.06	2.06	2.09	2.06	2.05	2.05	2.05	2.05	2.06	2.06	2.06	\$	2.06	2.09	2.09	2.06	2.09	2.09	2.07	2.04	2.09	2.06
Feb 14	2.07	2.07	2.07	2.07	2.08	2.08	2.07	2.06	2.06	2.07	2.08	2.09	2.09	2.09	2.09	\$	2.10	2.14	2.13	2.12	2.11	2.15	2.15	2.16	2.06	2.16	2.10
Feb 15	2.13	2.11	2.14	2.16	2.19	2.19	2.18	2.15	2.18	2.16	2.15	2.19	2.15	2.11	\$	2.15	2.21	2.22	2.17	4.45	2.47	2.30	2.39	2.28	2.11	4.45	2.30
Feb 16	2.29	2.36	2.16	2.22	2.41	2.52	2.28	2.33	2.23	2.44	2.11	2.10	2.10	\$	2.10	2.10	2.09	2.13	2.28	2.20	2.16	2.11	2.11	2.11	2.09	2.52	2.21
Feb 17	2.11	2.11	2.13	2.14	2.18	2.13	2.64	2.42	2.12	2.14	2.15	2.16	\$	2.16	2.17	2.16	2.16	2.20	2.26	2.18	2.14	2.16	2.14	2.16	2.11	2.64	2.19
Feb 18	2.14	2.16	2.15	2.18	2.16	2.17	2.15	2.12	2.12	2.13	2.13	\$	\$	2.15	2.15	2.13	2.13	2.12	2.14	2.20	2.15	2.12	2.12	2.11	2.11	2.20	2.14
Feb 19	2.13	2.11	2.11	2.16	2.15	2.14	2.15	2.14	2.16	2.11	\$	2.14	2.15	2.13	2.13	2.15	2.15	2.15	2.15	2.14	2.16	2.13	2.13	2.13	2.11	2.16	2.14
Feb 20	2.18	2.15	2.15	2.17	2.20	2.20	2.20	2.31	2.23	\$	2.15	2.08	2.13	2.18	2.24	2.23	2.19	2.21	2.13	2.16	2.28	2.24	2.40	2.31	2.08	2.40	2.21
Feb 21	2.19	2.22	2.23	2.10	2.09	2.05	2.04	2.04	\$	2.02	2.02	2.03	2.02	2.01	1.99	2.01	2.07	2.01	2.07	2.51	2.16	2.13	2.17	2.17	1.99	2.51	2.10
Feb 22	2.12	2.16	2.28	2.24	2.24	2.11	2.08	\$	2.12	2.13	2.08	2.06	2.08	2.08	2.13	2.08	2.03	2.10	2.17	2.06	2.00	2.10	2.30	2.05	2.00	2.30	2.12
Feb 23	2.04	2.08	2.05	2.03	2.00	1.99	\$	1.98	1.97	1.97	1.97	1.97	1.97	1.97	1.96	2.02	2.05	2.05	2.07	2.13	2.18	2.14	2.13	2.19	1.96	2.19	2.04
Feb 24	2.13	2.12	2.10	2.14	2.18	\$	2.17	2.06	2.12	2.09	2.09	2.07	2.05	2.02	2.00	2.00	1.99	1.98	1.98	1.99	2.03	2.00	2.00	2.02	1.98	2.18	2.06
Feb 25	2.07	2.18	2.12	2.11	\$	2.15	2.11	2.12	2.14	2.15	2.09	2.07	2.07	2.07	2.06	2.09	2.15	2.09	2.05	2.02	2.02	2.00	2.00	2.00	2.00	2.18	2.08
Feb 26	2.01	2.01	2.01	\$	2.02	2.05	2.03	2.02	2.02	2.02	2.02	2.02	2.04	2.10	2.05	2.01	1.99	1.99	2.01	2.04	1.99	2.06	2.02	2.00	1.99	2.10	2.02
Feb 27	2.25	2.21	\$	2.23	2.02	2.00	1.99	1.98	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.98	1.97	1.98	1.99	2.00	2.00	2.00	1.97	2.25	2.01
Feb 28	2.01	\$	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.02	2.03	2.06	2.01	2.05	2.01	2.01	2.07	2.07	2.07	2.06	2.05	2.12	2.15	2.15	2.04
Diurnal Maximum	2.29	2.36	2.28	2.57	2.64	2.52	2.64	2.42	2.24	2.44	2.24	2.19	2.21	2.18	2.24	2.23	2.21	2.23	2.31	4.45	2.52	2.30	2.40	2.31			
Diurnal Average	2.12	2.13	2.12	2.15	2.15	2.14	2.14	2.13	2.11	2.11	2.09	2.08	2.09	2.09	2.08	2.09	2.09	2.11	2.12	2.22	2.13	2.12	2.14	2.12			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

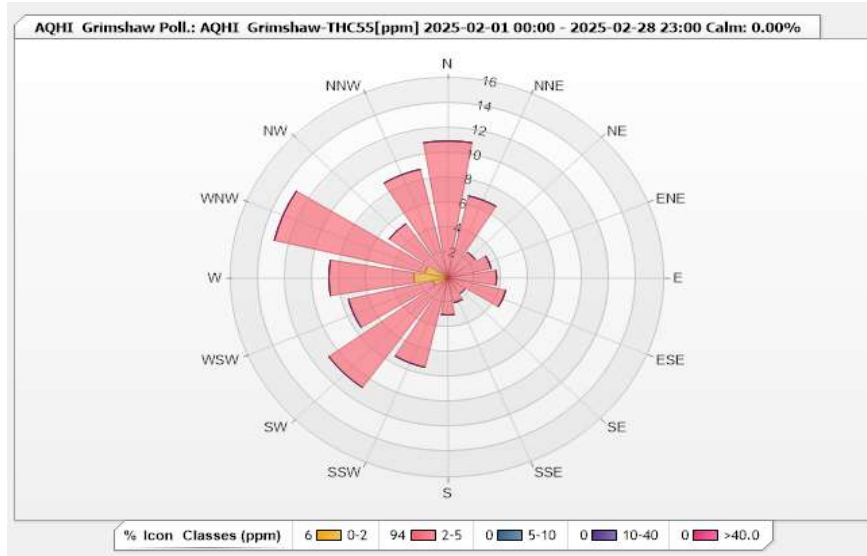


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-THC55[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.94% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0	10.97	0	0	0	10.97
NNE	0	6.74	0	0	0	6.74
NE	0	2.51	0	0	0	2.51
ENE	0	3.29	0	0	0	3.29
E	0	3.61	0	0	0	3.61
ESE	0	4.39	0	0	0	4.39
SE	0	1.57	0	0	0	1.57
SSE	0.16	1.88	0	0	0	2.04
S	0	2.98	0	0	0	2.98
SSW	0.16	7.21	0	0	0	7.37
SW	0	10.82	0	0	0	10.82
WSW	1.1	6.43	0	0	0	7.53
W	2.51	6.27	0	0	0	8.78
WNW	1.72	11.44	0	0	0	13.16
NW	0.16	5.17	0	0	0	5.33
NNW	0	8.93	0	0	0	8.93
Summary	5.81	94.21	0	0	0	100



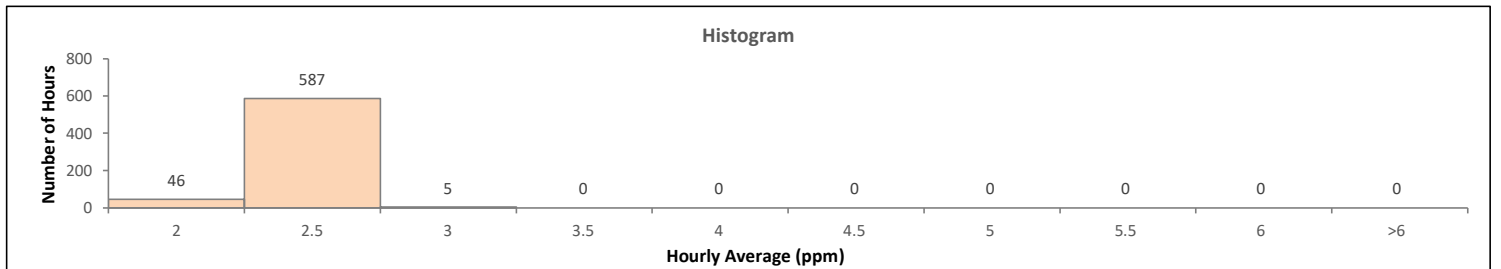
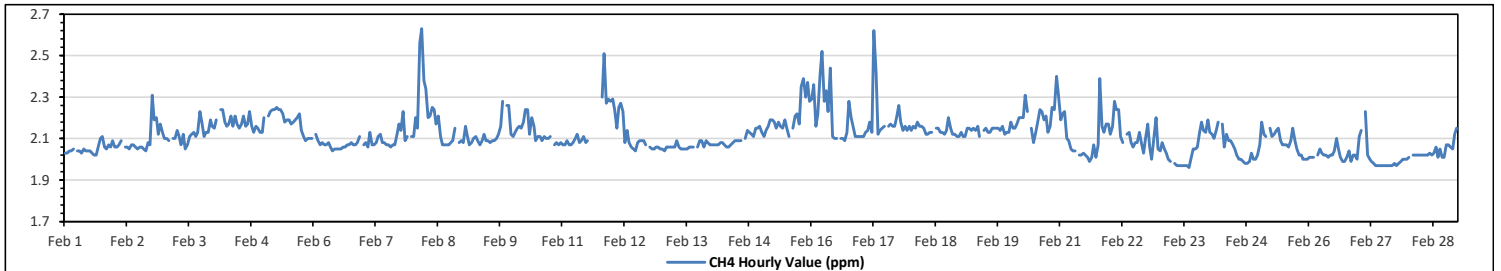
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
METHANE (CH4) in ppm

Maximum Hourly Value:	2.63	ppm	on Feb 8 at hr 4	Hours in Service:	672
Maximum Daily Value:	2.21	ppm	on Feb 16	Hours of Data:	638
Minimum Hourly Value:	1.96	ppm	on Feb 23 at hr 14	Hours of Missing Data:	0
Minimum Daily Value:	2.01	ppm	on Feb 27	Hours of Calibration:	34
Monthly Average:	2.11	ppm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																								Daily Minimum	Daily Maximum	Daily Average
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Feb 1	2.03	2.03	2.04	2.04	2.05	S	2.04	2.04	2.03	2.05	2.04	2.04	2.04	2.03	2.02	2.02	2.06	2.10	2.11	2.06	2.05	2.07	2.06	2.09	2.02	2.11	2.05
Feb 2	2.06	2.06	2.07	2.09	S	2.06	2.06	2.05	2.07	2.07	2.06	2.05	2.06	2.06	2.05	2.04	2.08	2.07	2.31	2.19	2.20	2.12	2.17	2.13	2.04	2.31	2.09
Feb 3	2.10	2.10	2.09	S	2.10	2.10	2.14	2.11	2.07	2.12	2.05	2.07	2.11	2.12	2.13	2.11	2.13	2.23	2.18	2.11	2.13	2.13	2.19	2.16	2.05	2.23	2.12
Feb 4	2.15	2.19	S	2.24	2.24	2.18	2.16	2.17	2.21	2.16	2.21	2.17	2.15	2.17	2.21	2.16	2.17	2.23	2.16	2.13	2.16	2.15	2.13	2.13	2.13	2.24	2.18
Feb 5	2.20	S	2.21	2.23	2.24	2.24	2.25	2.24	2.24	2.22	2.18	2.19	2.19	2.17	2.18	2.19	2.20	2.22	2.14	2.11	2.09	2.10	2.10	2.10	2.09	2.25	2.18
Feb 6	S	2.12	2.09	2.07	2.08	2.07	2.07	2.08	2.06	2.04	2.05	2.05	2.05	2.05	2.06	2.06	2.07	2.07	2.08	2.07	2.07	2.08	2.11	S	2.04	2.12	2.07
Feb 7	2.07	2.08	2.06	2.13	2.07	2.07	2.08	2.11	2.12	2.08	2.08	2.07	2.07	2.06	2.07	2.07	2.12	2.17	2.14	2.23	2.09	2.11	S	2.11	2.06	2.23	2.10
Feb 8	2.11	2.20	2.15	2.56	2.63	2.38	2.34	2.20	2.21	2.25	2.24	2.17	2.21	2.11	2.07	2.07	2.07	2.07	2.08	2.09	2.15	S	2.08	2.09	2.07	2.63	2.20
Feb 9	2.08	2.16	2.11	2.07	2.08	2.10	2.11	2.09	2.07	2.09	2.12	2.09	2.09	2.08	2.09	2.09	2.10	2.12	2.16	2.28	S	2.26	2.26	2.12	2.07	2.28	2.12
Feb 10	2.11	2.13	2.15	2.16	2.15	2.18	2.24	2.24	2.12	2.20	2.16	2.09	2.11	2.11	2.09	2.11	2.10	2.10	2.11	S	2.07	2.08	2.07	2.08	2.07	2.24	2.13
Feb 11	2.07	2.07	2.09	2.07	2.07	2.08	2.10	2.12	2.08	2.09	2.11	2.08	2.09	C	C	C	C	C	S	2.30	2.51	2.27	2.29	2.28	2.07	2.51	2.15
Feb 12	2.29	2.24	2.15	2.25	2.27	2.23	2.08	2.14	2.08	2.06	2.05	2.04	2.08	2.09	2.09	2.09	2.07	S	2.06	2.05	2.05	2.06	2.06	2.05	2.04	2.29	2.11
Feb 13	2.05	2.04	2.06	2.06	2.06	2.06	2.06	2.09	2.06	2.05	2.05	2.05	2.05	2.06	2.06	2.06	S	2.06	2.09	2.09	2.06	2.09	2.08	2.07	2.04	2.09	2.06
Feb 14	2.07	2.07	2.07	2.07	2.08	2.08	2.07	2.06	2.06	2.07	2.08	2.09	2.09	2.09	2.09	S	2.10	2.14	2.13	2.12	2.11	2.15	2.15	2.16	2.06	2.16	2.10
Feb 15	2.13	2.11	2.14	2.16	2.19	2.19	2.18	2.15	2.18	2.16	2.15	2.19	2.15	2.11	S	2.15	2.21	2.22	2.17	2.35	2.39	2.30	2.37	2.28	2.11	2.39	2.20
Feb 16	2.29	2.36	2.16	2.22	2.41	2.52	2.28	2.33	2.23	2.44	2.11	2.10	2.10	S	2.10	2.10	2.09	2.13	2.28	2.20	2.16	2.11	2.11	2.11	2.09	2.52	2.21
Feb 17	2.11	2.11	2.13	2.14	2.18	2.13	2.62	2.42	2.12	2.14	2.15	2.16	S	2.16	2.17	2.16	2.16	2.20	2.26	2.18	2.14	2.16	2.14	2.16	2.11	2.62	2.19
Feb 18	2.14	2.16	2.15	2.18	2.16	2.16	2.15	2.12	2.12	2.13	2.13	S	2.15	2.15	2.13	2.13	2.12	2.14	2.20	2.15	2.12	2.12	2.11	2.11	2.11	2.20	2.14
Feb 19	2.13	2.11	2.11	2.15	2.15	2.14	2.15	2.14	2.16	2.11	S	2.14	2.15	2.13	2.13	2.15	2.15	2.15	2.14	2.16	2.12	2.12	2.13	2.13	2.11	2.16	2.14
Feb 20	2.18	2.15	2.15	2.17	2.20	2.20	2.20	2.31	2.23	S	2.15	2.08	2.13	2.18	2.24	2.23	2.19	2.21	2.13	2.16	2.25	2.24	2.40	2.31	2.08	2.40	2.20
Feb 21	2.19	2.22	2.23	2.10	2.09	2.05	2.04	2.04	S	2.02	2.02	2.03	2.02	2.01	1.99	2.01	2.07	2.01	2.07	2.39	2.16	2.13	2.17	2.17	1.99	2.39	2.10
Feb 22	2.12	2.16	2.28	2.24	2.24	2.11	2.08	S	2.12	2.13	2.08	2.06	2.08	2.08	2.13	2.08	2.03	2.10	2.17	2.06	2.00	2.10	2.20	2.05	2.00	2.28	2.12
Feb 23	2.04	2.08	2.05	2.03	2.00	1.99	S	1.98	1.97	1.97	1.97	1.97	1.97	1.97	1.96	2.01	2.05	2.05	2.06	2.13	2.18	2.14	2.13	2.19	1.96	2.19	2.04
Feb 24	2.13	2.12	2.10	2.14	2.18	S	2.17	2.06	2.12	2.09	2.09	2.07	2.05	2.02	2.00	2.00	1.99	1.98	1.98	1.99	2.03	2.00	2.00	2.02	1.98	2.18	2.06
Feb 25	2.07	2.18	2.12	2.11	S	2.15	2.11	2.12	2.14	2.15	2.09	2.07	2.07	2.07	2.06	2.09	2.15	2.09	2.05	2.02	2.02	2.00	2.00	2.00	2.00	2.18	2.08
Feb 26	2.01	2.01	2.01	S	2.02	2.05	2.03	2.02	2.02	2.01	2.02	2.02	2.04	2.10	2.05	2.01	1.99	1.99	2.01	2.04	1.99	2.02	2.02	2.00	1.99	2.10	2.02
Feb 27	2.11	2.14	S	2.23	2.02	2.00	1.99	1.98	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.98	1.97	1.98	1.99	2.00	2.00	2.00	1.97	2.23	2.01
Feb 28	2.01	S	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.02	2.03	2.06	2.01	2.05	2.01	2.01	2.07	2.07	2.06	2.05	2.12	2.15	2.01	2.15	2.04
Diurnal Maximum	2.29	2.36	2.28	2.56	2.63	2.52	2.62	2.42	2.24	2.44	2.24	2.19	2.21	2.18	2.24	2.23	2.21	2.23	2.31	2.39	2.51	2.30	2.40	2.31			
Diurnal Average	2.11	2.13	2.12	2.15	2.15	2.14	2.14	2.13	2.11	2.11	2.09	2.08	2.09	2.09	2.08	2.09	2.09	2.11	2.12	2.14	2.13	2.12	2.14	2.12			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction/Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

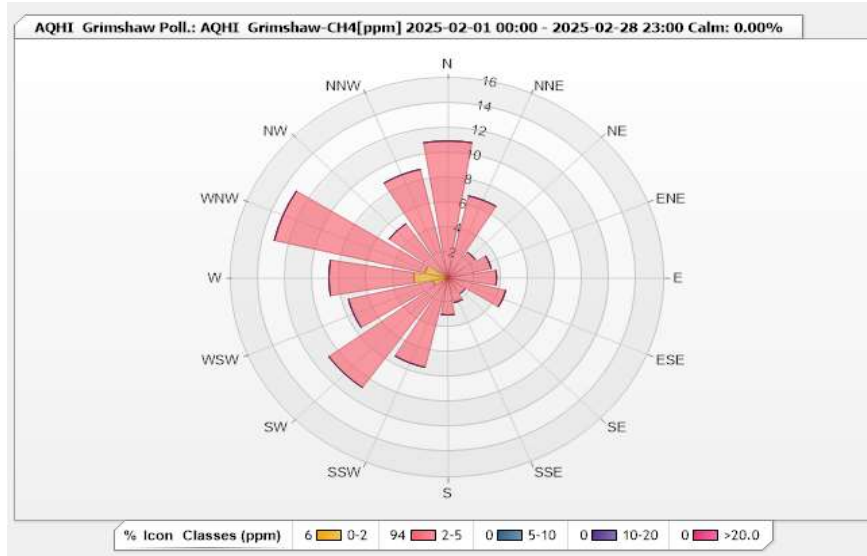


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-CH4[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.94% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0	10.97	0	0	0	10.97
NNE	0	6.74	0	0	0	6.74
NE	0	2.51	0	0	0	2.51
ENE	0	3.29	0	0	0	3.29
E	0	3.61	0	0	0	3.61
ESE	0	4.39	0	0	0	4.39
SE	0	1.57	0	0	0	1.57
SSE	0.16	1.88	0	0	0	2.04
S	0	2.98	0	0	0	2.98
SSW	0.16	7.21	0	0	0	7.37
SW	0	10.82	0	0	0	10.82
WSW	1.1	6.43	0	0	0	7.53
W	2.51	6.27	0	0	0	8.78
WNW	1.72	11.44	0	0	0	13.16
NW	0.16	5.17	0	0	0	5.33
NNW	0	8.93	0	0	0	8.93
Summary	5.81	94.21	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - February 2025

Summary of Hourly Averages

NON-METHANE HYDROCARBONS (NMHC) in ppm

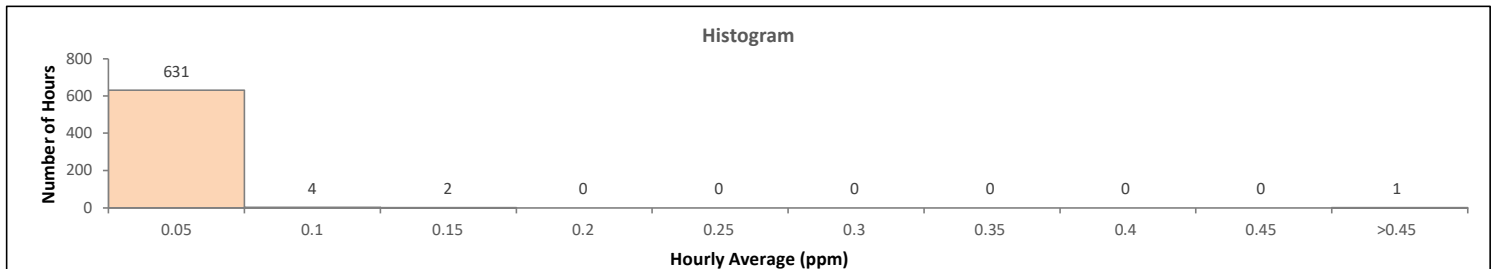
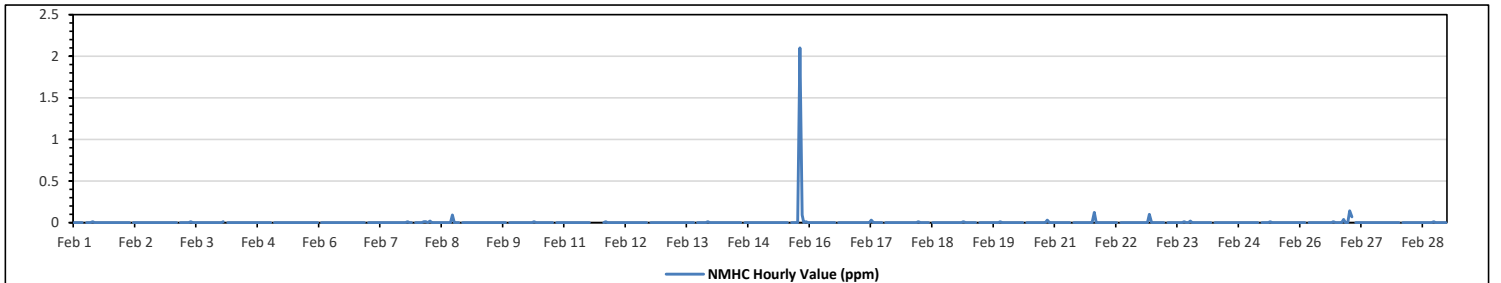
Maximum Hourly Value:	2.10	ppm	on Feb 15 at hr 19	Hours in Service:	672
Maximum Daily Value:	0.10	ppm	on Feb 15	Hours of Data:	638
Minimum Hourly Value:	0.00	ppm	on Feb 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.00	ppm	on Feb 2	Hours of Calibration:	34
Monthly Average:	0.00	ppm		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																								Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average	
Feb 1	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 2	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 3	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 4	0.00	0.01	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 5	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 6	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00
Feb 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	\$	0.00	0.00	0.01	0.00	0.00
Feb 8	0.00	0.00	0.00	0.01	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.09	0.01	0.00
Feb 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Feb 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C	C	C	C	C	S	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
Feb 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	2.10	0.09	0.00	0.01	0.00	0.00	2.10	0.10	0.00
Feb 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 17	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
Feb 18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 19	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Feb 20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.00
Feb 21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01
Feb 22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00
Feb 23	0.00	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Feb 24	0.00	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 25	0.00	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Feb 26	0.00	0.00	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00
Feb 27	0.14	0.07	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.01	0.00
Feb 28	0.00	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Diurnal Maximum	0.14	0.07	0.00	0.01	0.01	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.09	0.02	2.10	0.09	0.04	0.10	0.00				
Diurnal Average	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00				

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.

Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

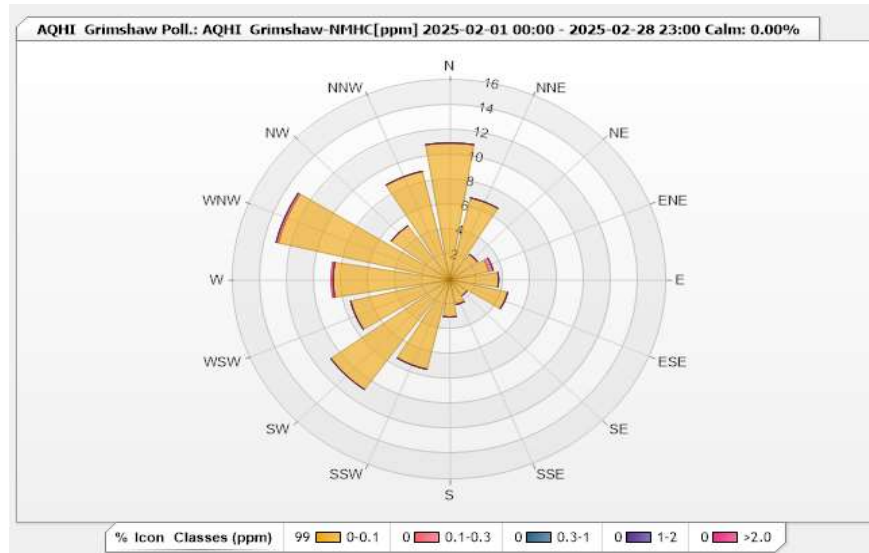


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NMHC[ppm] Monthly: 02-2025

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm: 0.00% Valid Data: 94.94% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	10.97	0	0	0	0	10.97
NNE	6.74	0	0	0	0	6.74
NE	2.51	0	0	0	0	2.51
ENE	2.98	0.31	0	0	0	3.29
E	3.61	0	0	0	0	3.61
ESE	4.39	0	0	0	0	4.39
SE	1.57	0	0	0	0	1.57
SSE	2.04	0	0	0	0	2.04
S	2.98	0	0	0	0	2.98
SSW	7.37	0	0	0	0	7.37
SW	10.82	0	0	0	0	10.82
WSW	7.52	0	0	0	0	7.52
W	8.62	0	0	0	0.16	8.78
WNW	13.01	0.16	0	0	0	13.17
NW	5.33	0	0	0	0	5.33
NNW	8.93	0	0	0	0	8.93
Summary	99.39	0.47	0	0	0.16	100



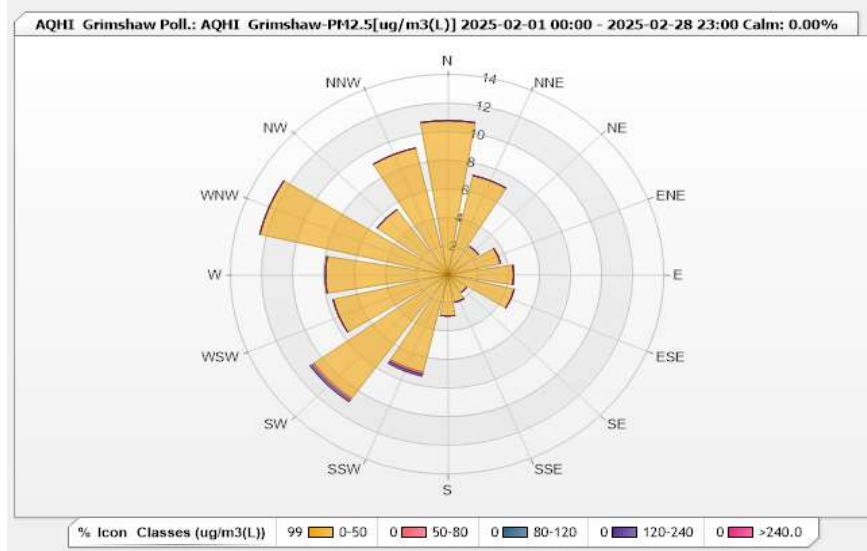
Station: AQHI Grimshaw Poll.: AQHI Grimshaw-PM2.5[ug/m3(L)] Monthly: 02-2025

.)]

Type: Pollution Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

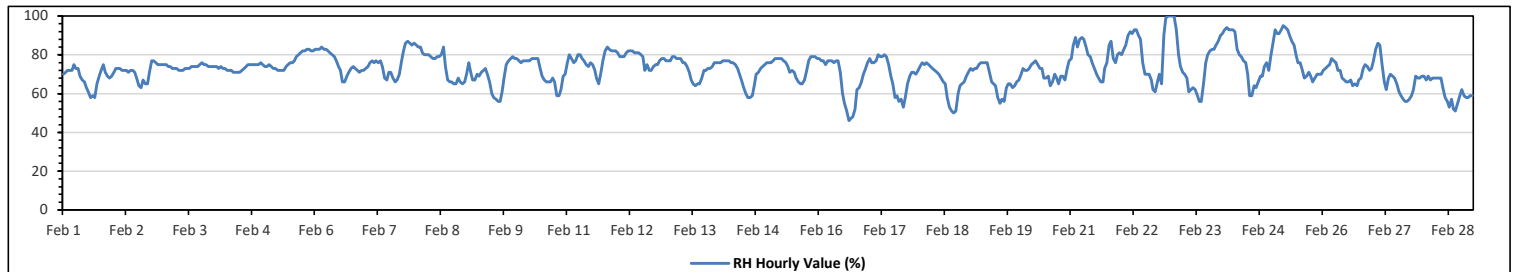
Calm: 0.00% Valid Data: 97.77% Calm Avg: 0.00 [ug/m3(L)]

Direction	0-50	50-80	80-120	120-240	>240.0	Total
N	10.81	0	0	0	0	10.81
NNE	7.15	0	0	0	0	7.15
NE	2.44	0	0	0	0	2.44
ENE	3.5	0	0	0	0	3.5
E	4.26	0	0	0	0	4.26
ESE	4.41	0	0	0	0	4.41
SE	1.52	0	0	0	0	1.52
SSE	1.98	0	0	0	0	1.98
S	2.89	0	0	0	0	2.89
SSW	7	0.15	0	0.15	0	7.3
SW	10.65	0.15	0.15	0	0	10.95
WSW	7.61	0	0	0	0	7.61
W	7.91	0	0	0	0	7.91
WNW	12.48	0	0	0	0	12.48
NW	5.63	0	0	0	0	5.63
NNW	9.13	0	0	0	0	9.13
Summary	99.37	0.3	0.15	0.15	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Feb 22 at hr 22	Hours in Service:	672																																						
Maximum Daily Value:	81.3	%	on Feb 22	Hours of Data:	672																																						
Minimum Hourly Value:	46	%	on Feb 16 at hr 14	Hours of Missing Data:	0																																						
Minimum Daily Value:	61.3	%	on Feb 28	Hours of Calibration:	0																																						
Monthly Average:	72.7	%		Operational Uptime:	100.0																																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average																	
Feb 1	70	71	72	72	72	75	73	73	69	67	66	63	61	58	59	58	65	69	72	75	71	69	68	69	58	75	68.2																
Feb 2	71	73	73	73	72	72	72	71	72	72	71	68	64	63	67	65	65	71	77	77	76	75	75	75	63	77	71.3																
Feb 3	75	75	74	74	73	73	73	72	72	72	73	73	73	74	74	74	74	75	76	75	75	74	74	74	72	76	73.8																
Feb 4	74	74	73	74	73	73	72	72	72	71	71	71	71	72	73	74	75	75	75	75	75	75	76	75	71	76	73.4																
Feb 5	74	74	75	74	73	73	72	72	72	72	74	75	76	76	77	79	80	81	82	82	83	83	82	82	72	83	76.8																
Feb 6	83	83	83	84	83	83	82	81	80	79	77	74	72	66	66	69	71	73	74	73	72	71	72	72	66	84	76.0																
Feb 7	73	74	76	77	76	77	76	77	74	68	67	71	71	68	66	67	70	77	82	86	87	86	85	86	66	87	75.7																
Feb 8	85	84	84	81	80	80	80	79	78	78	79	79	80	84	74	67	66	66	65	65	68	66	65	66	65	85	75.0																
Feb 9	70	76	71	67	67	70	69	71	72	73	70	66	60	58	57	56	56	61	69	75	77	78	79	78	56	79	68.6																
Feb 10	78	77	76	77	77	77	77	78	78	78	78	73	69	67	66	66	66	68	66	59	59	62	69	70	59	78	71.3																
Feb 11	76	80	78	76	77	80	80	78	77	75	74	76	75	72	68	65	71	77	82	84	83	82	82	82	65	84	77.1																
Feb 12	81	79	79	79	81	82	82	82	81	81	81	80	79	72	75	72	72	74	75	75	77	78	78	77	72	82	78.0																
Feb 13	77	77	79	79	78	78	78	76	76	74	71	67	65	64	65	65	68	72	72	73	73	74	76	76	64	79	73.0																
Feb 14	76	76	77	77	77	77	76	76	75	73	70	67	63	60	58	58	59	64	70	71	73	74	75	76	58	77	70.8																
Feb 15	76	76	77	78	78	78	78	77	76	74	71	72	71	68	66	65	65	67	72	77	79	79	79	78	65	79	74.0																
Feb 16	78	77	77	75	77	77	77	76	77	77	71	60	55	51	46	47	48	52	62	63	66	70	73	76	46	78	67.0																
Feb 17	78	76	76	77	80	79	79	80	79	75	69	65	58	59	56	57	53	58	65	69	71	71	70	72	53	80	69.7																
Feb 18	74	76	75	76	75	74	73	72	71	70	68	66	65	58	53	51	50	51	60	64	65	66	69	71	50	76	66.4																
Feb 19	73	72	73	73	75	76	76	76	76	71	66	65	64	58	55	57	56	63	65	65	63	64	66	67	55	76	67.3																
Feb 20	70	73	72	72	73	75	76	77	75	73	73	68	68	69	64	66	70	68	65	69	69	67	73	77	64	77	70.9																
Feb 21	78	85	89	84	88	89	88	84	80	79	76	73	70	68	66	66	73	76	85	87	78	76	80	81	66	89	79.1																
Feb 22	80	83	85	90	92	91	93	93	90	88	76	70	70	70	67	62	61	66	70	65	90	99	100	100	61	100	81.3																
Feb 23	100	100	93	80	74	71	70	68	61	62	63	62	59	56	56	65	76	80	82	83	83	85	87	90	56	100	75.3																
Feb 24	91	93	94	93	93	93	92	83	80	79	77	76	70	59	59	64	63	66	69	69	74	76	72	79	59	94	77.7																
Feb 25	86	93	91	91	93	95	94	93	90	87	85	80	76	76	72	68	69	71	69	66	68	70	70	70	66	95	80.1																
Feb 26	72	73	74	75	78	77	76	72	72	68	67	66	66	67	64	65	64	67	68	73	75	74	72	73	64	78	70.8																
Feb 27	77	83	86	85	75	66	62	68	70	69	68	65	61	59	57	56	56	57	59	62	69	68	68	69	56	86	67.3																
Feb 28	69	67	69	67	68	68	68	68	63	58	56	53	57	52	51	55	59	62	59	58	58	59	59	59	51	69	61.3																
Diurnal Maximum	100	100	94	93	93	95	94	93	90	88	85	80	80	84	77	79	80	81	85	87	90	99	100	100																			
Diurnal Average	77.3	78.6	78.6	77.9	77.8	77.8	77.3	76.6	75.5	73.9	71.8	69.5	67.3	65.3	63.5	63.4	64.9	68.0	71.1	72.0	73.5	73.9	74.8	75.7																			
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance																				
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance										P	Power Failure									
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																															
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																											



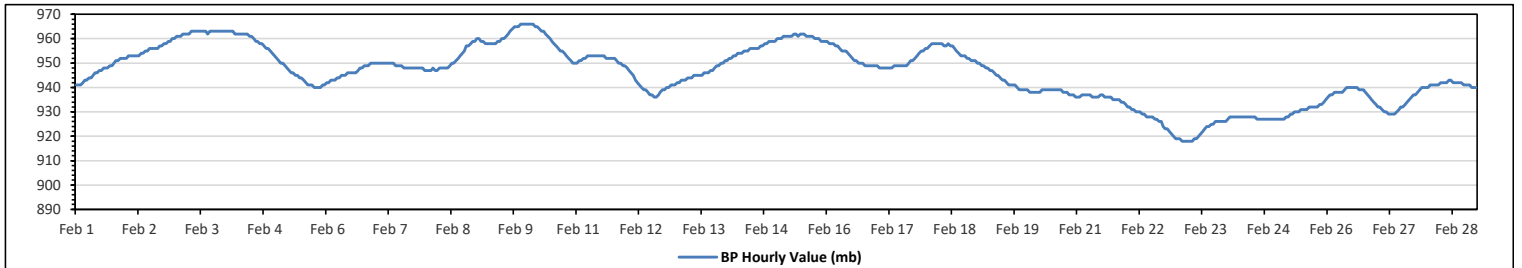
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	966	mb	on Feb 9 at hr 21	Hours in Service:	672
Maximum Daily Value:	963	mb	on Feb 3	Hours of Data:	672
Minimum Hourly Value:	918	mb	on Feb 23 at hr 2	Hours of Missing Data:	0
Minimum Daily Value:	922	mb	on Feb 23	Hours of Calibration:	0
Monthly Average:	946	mb		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily	Daily	Daily	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Minimum	Maximum	Average
Feb 1	941	941	941	942	943	943	944	944	945	946	946	947	947	948	948	948	949	949	950	951	951	952	952	952	941	952	947
Feb 2	952	953	953	953	953	953	954	954	954	955	955	956	956	956	956	956	957	957	958	958	959	959	960	960	952	960	956
Feb 3	961	961	961	962	962	962	962	963	963	963	963	963	963	963	963	962	963	963	963	963	963	963	963	963	961	963	963
Feb 4	963	963	963	963	962	962	962	962	962	962	962	961	961	960	959	959	958	958	957	956	956	955	954	953	953	963	960
Feb 5	952	951	950	950	949	948	947	946	946	945	945	944	944	943	942	941	941	941	940	940	940	940	941	941	940	952	944
Feb 6	942	942	943	943	943	944	944	945	945	945	946	946	946	946	946	947	948	948	949	949	949	950	950	950	942	950	946
Feb 7	950	950	950	950	950	950	950	950	949	949	949	949	949	948	948	948	948	948	948	948	948	948	948	947	947	950	949
Feb 8	947	947	947	948	947	947	948	948	948	948	948	949	950	950	951	952	953	954	955	957	957	958	959	959	947	959	951
Feb 9	960	960	959	959	958	958	958	958	958	958	959	959	960	960	961	962	963	964	965	965	965	966	966	966	958	966	961
Feb 10	966	966	966	966	965	965	964	963	963	962	961	960	959	958	957	956	955	955	954	953	952	951	950	950	950	966	959
Feb 11	950	951	951	952	952	953	953	953	953	953	953	953	953	953	952	952	952	952	952	951	950	950	949	949	949	953	952
Feb 12	948	947	946	945	943	942	941	940	939	939	938	937	937	936	936	937	938	939	939	940	940	941	941	941	936	948	940
Feb 13	942	942	943	943	943	944	944	944	945	945	945	945	945	946	946	946	947	947	948	949	949	950	950	951	942	951	946
Feb 14	951	952	952	953	953	954	954	954	955	955	955	956	956	956	956	956	957	957	958	958	959	959	959	959	951	959	956
Feb 15	960	960	960	961	961	961	961	961	962	962	961	962	962	962	961	961	961	961	960	960	960	959	959	959	959	962	961
Feb 16	959	958	958	958	957	957	956	955	955	955	954	953	952	951	951	950	950	950	949	949	949	949	949	949	949	959	953
Feb 17	949	948	948	948	948	948	948	948	949	949	949	949	949	949	949	950	951	951	952	953	954	955	955	956	948	956	950
Feb 18	956	957	958	958	958	958	958	958	957	957	958	957	957	956	955	954	953	953	953	952	952	951	951	951	951	958	955
Feb 19	950	950	949	949	948	948	947	947	946	945	945	944	943	943	942	941	941	941	941	940	939	939	939	939	939	950	944
Feb 20	939	938	938	938	938	938	938	939	939	939	939	939	939	939	939	939	939	938	938	938	937	937	937	936	936	939	938
Feb 21	936	936	937	937	937	937	937	936	936	936	936	937	937	936	936	936	936	935	935	935	934	934	933	933	933	937	936
Feb 22	932	932	931	931	930	930	930	929	929	928	928	928	927	927	926	926	926	924	923	923	922	921	920	919	919	932	927
Feb 23	919	919	918	918	918	918	918	918	919	919	920	921	922	923	924	924	925	925	926	926	926	926	926	926	918	926	922
Feb 24	927	928	928	928	928	928	928	928	928	928	928	928	928	928	927	927	927	927	927	927	927	927	927	927	927	928	928
Feb 25	927	927	927	927	928	928	929	929	930	930	930	931	931	931	931	932	932	932	932	932	933	933	934	935	927	935	930
Feb 26	936	937	937	938	938	938	938	938	939	940	940	940	940	940	940	939	939	939	938	937	936	935	934	933	933	940	938
Feb 27	932	932	931	930	930	929	929	929	929	930	931	932	932	933	934	935	936	937	937	938	939	940	940	940	929	940	934
Feb 28	940	941	941	941	941	941	942	942	942	942	943	943	942	942	942	942	942	941	941	941	941	940	940	940	940	943	941
Diurnal Maximum	966	966	966	966	965	965	964	963	963	963	963	963	963	963	962	963	964	965	965	965	966	966	966	966			
Diurnal Average	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946			

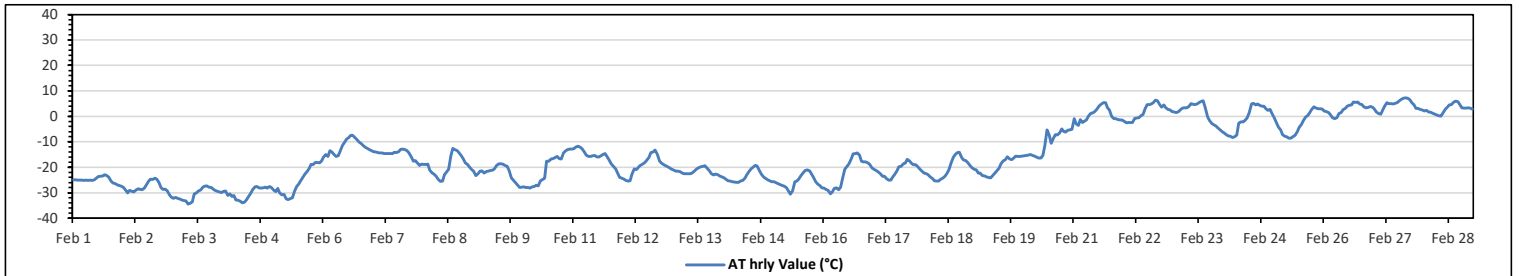
C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	P	Power Failure
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



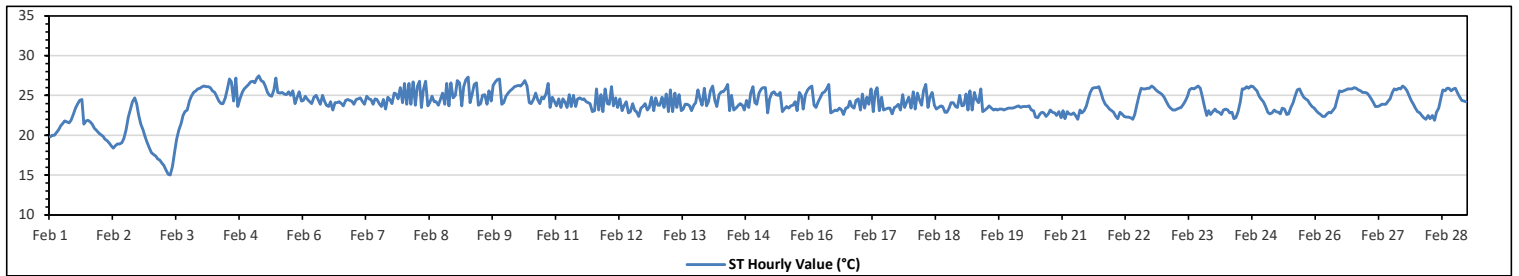
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	7.2	°C	on Feb 27 at hr 15	Hours in Service:	672																						
Maximum Daily Value:	4.4	°C	on Feb 27	Hours of Data:	672																						
Minimum Hourly Value:	-34.5	°C	on Feb 3 at hr 7	Hours of Missing Data:	0																						
Minimum Daily Value:	-30.6	°C	on Feb 3	Hours of Calibration:	0																						
Monthly Average:	-15.0	°C		Operational Uptime:	100.0																						
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
Feb 1	-24.9	-24.9	-25	-25.1	-25.1	-25.2	-25.1	-25.2	-25	-25.2	-24.9	-24.4	-23.7	-23.5	-23.4	-22.9	-23.3	-24	-25.4	-26.2	-26.5	-27	-27.2	-27.4	-27.4	-22.9	-25.0
Feb 2	-28	-29.1	-30	-29.1	-29.5	-29.7	-29	-28.5	-28.7	-28.8	-28.3	-26.8	-25.6	-24.6	-24.8	-24.3	-24.7	-26.1	-28	-28.7	-28.6	-29.3	-30.7	-31.7	-31.7	-24.3	-28.0
Feb 3	-32.2	-31.9	-32.2	-32.5	-32.8	-33.1	-33.3	-34.5	-34.1	-33.7	-30.4	-30.1	-29.4	-28.9	-27.8	-27.4	-27.3	-27.8	-28	-28.6	-29.1	-29.5	-29.8	-29.9	-34.5	-27.3	-30.6
Feb 4	-29.5	-29.4	-31.2	-30.4	-31.5	-31.2	-32.8	-33	-33.4	-33.9	-33.8	-32.9	-31.5	-30.3	-28.7	-27.7	-27.5	-28.1	-28.3	-28.1	-27.8	-28.2	-27.6	-27.9	-33.9	-27.5	-30.2
Feb 5	-28.9	-29.6	-28.4	-30.1	-30.9	-30.8	-32.4	-32.7	-32.4	-32	-29.6	-27.6	-26.7	-25.4	-24.1	-22.7	-21.8	-20.5	-19	-18.9	-18.1	-18.1	-18.3	-17.5	-32.7	-17.5	-25.7
Feb 6	-16	-15.1	-15.8	-13.5	-13.9	-15.1	-15.8	-15.5	-13.4	-11.4	-10.3	-9	-8.4	-7.5	-7.5	-8.4	-9.2	-10.1	-10.7	-11.4	-12.1	-12.6	-13.1	-13.5	-16.0	-7.5	-12.1
Feb 7	-13.8	-13.9	-14.2	-14.4	-14.4	-14.6	-14.6	-14.7	-14.6	-14.6	-14.1	-14.2	-13.8	-13	-12.9	-13.1	-13.5	-14.4	-15.9	-17.7	-17.4	-18.3	-19.3	-18.8	-19.3	-12.9	-15.0
Feb 8	-19	-19	-18.8	-21.2	-22.2	-22.8	-23.5	-24.6	-25.6	-25.4	-22.9	-21.8	-20.7	-15.5	-12.6	-13.1	-13.5	-14.2	-15.4	-16.7	-18.2	-19	-19.9	-20.9	-25.6	-12.6	-19.4
Feb 9	-21.6	-23.2	-22.6	-21.6	-21.4	-22.3	-21.7	-21.6	-21.3	-21.1	-20.6	-19.3	-18.7	-18.6	-18.8	-19.3	-19.7	-21.3	-24.2	-25	-26.1	-27	-27.9	-27.8	-27.9	-18.6	-22.2
Feb 10	-27.7	-27.9	-27.9	-28.2	-27.7	-27.5	-27.1	-27.3	-25.3	-24.8	-24.4	-17.7	-17.7	-16.8	-16.6	-16.3	-15.8	-16.6	-16.7	-14.4	-13.6	-13.1	-12.9	-12.8	-28.2	-12.8	-20.7
Feb 11	-12.7	-12.2	-11.7	-12.2	-12.7	-14	-15.2	-15.7	-15.8	-15.5	-15.4	-15.9	-16	-15.5	-15	-14.6	-16	-17.3	-18.7	-19.6	-20.6	-22.3	-23.9	-24.3	-24.3	-11.7	-16.4
Feb 12	-24.6	-25.2	-25.5	-25.3	-22.7	-20.6	-20.9	-20.1	-19.3	-18.8	-18.1	-17.3	-16.2	-14.2	-13.9	-13.3	-14.9	-17.5	-18.2	-18.9	-19.4	-19.8	-20.3	-20.7	-25.5	-13.3	-19.4
Feb 13	-21.1	-21.6	-21.6	-21.8	-22.3	-22.6	-22.5	-22.6	-22.6	-22.2	-21.5	-20.6	-20.2	-19.8	-19.6	-19.4	-20.4	-21.5	-22.6	-23.1	-22.7	-22.9	-23.4	-23.8	-23.8	-19.4	-21.8
Feb 14	-24.2	-24.7	-25.3	-25.5	-25.7	-25.8	-25.9	-25.5	-25.2	-24.3	-22.9	-21.8	-20.6	-19.9	-19.3	-19.5	-21.3	-22.7	-23.8	-24.5	-24.9	-25.3	-25.7	-25.9	-19.3	-23.8	
Feb 15	-25.7	-26.1	-26.5	-26.9	-27.2	-27.4	-28.1	-29.3	-30.6	-29.2	-25.7	-25.5	-24.6	-23.3	-22.1	-21.3	-21	-21.5	-22.7	-23.9	-25.7	-26.7	-27.2	-28.1	-30.6	-21.0	-25.7
Feb 16	-28.3	-28.7	-29.1	-30.4	-29.7	-28.4	-28.1	-28.8	-27.8	-24.5	-20.8	-19.7	-18.7	-16.8	-14.8	-14.7	-14.4	-15.2	-17.7	-17.9	-17.9	-18.2	-19	-20.3	-30.4	-14.4	-22.1
Feb 17	-20.8	-21.3	-21.8	-22.6	-23.6	-23.6	-24.5	-25.1	-25	-23.8	-22.8	-21.5	-19.8	-19.7	-18.6	-18.4	-16.9	-17.5	-18.5	-19.1	-19.1	-19.8	-20.8	-21.6	-25.1	-16.9	-21.1
Feb 18	-22.3	-22.6	-23	-23.8	-24.5	-25.3	-25.5	-25.5	-24.7	-24.3	-23.6	-22.3	-20.8	-18.4	-16.2	-14.9	-14.3	-14.1	-16.2	-17.1	-17.4	-18.3	-19.3	-20.2	-25.5	-14.1	-20.6
Feb 19	-20.7	-21	-22.3	-22.3	-23.2	-23.4	-23.8	-24.1	-24.2	-23.2	-22.3	-21.3	-20.4	-18.6	-17.5	-17	-15.9	-16.7	-17	-16.4	-15.6	-15.7	-15.7	-15.6	-24.2	-15.6	-19.7
Feb 20	-15.5	-15.4	-15.2	-15.1	-15.4	-15.6	-16	-16.4	-16.4	-15.3	-11.6	-5.3	-7.5	-10.6	-8.5	-7.2	-7.3	-6.6	-4.9	-5.9	-6.2	-5.5	-5.4	-5.1	-16.4	-4.9	-10.6
Feb 21	-0.9	-3	-3.5	-1.3	-2.4	-1.8	-1.4	0.2	1.2	1.3	2	2.8	4.1	4.8	5.4	5.4	3.4	2.4	-0.1	-0.9	-0.9	-1.3	-1.4	-1.4	-3.5	5.4	0.5
Feb 22	-1.9	-2.6	-2.4	-2.4	-2.4	-0.8	-0.7	-0.5	0.2	0.7	2.9	4.7	4.6	4.9	5.3	6.3	6.2	4.7	3.6	4.5	3.4	2.7	2.4	1.8	-2.6	6.3	1.9
Feb 23	1.7	1.5	1.8	2.6	3.2	3.4	3.4	3.8	5	4.8	4.6	4.9	5.5	5.9	6.1	3.1	-0.3	-1.7	-2.8	-3.3	-3.8	-4.5	-5.3	-6.1	-6.1	6.1	1.4
Feb 24	-6.6	-7.2	-7.7	-7.9	-8.4	-8	-7.3	-2.7	-2.1	-2.2	-1.6	-0.6	1.4	4.9	5.1	4.5	4.9	4.3	3.9	3.9	3	2.3	2.7	0.9	-8.4	5.1	-0.9
Feb 25	-0.5	-2.6	-4.2	-5.3	-7.1	-7.9	-8.1	-8.5	-8.5	-8	-7.4	-6.1	-4.4	-3.2	-1.7	-0.3	0.4	1.5	2.7	3.7	3.3	3	3	2.8	-8.5	3.7	-2.6
Feb 26	2.1	1.8	1.5	0.6	-0.5	-0.9	-0.5	1.1	1.5	2.6	3.1	3.9	4.3	4.5	5.6	5.5	5.6	4.9	4.7	3.7	3.4	3.5	3.8	3.6	-0.9	5.6	2.9
Feb 27	2.8	1.7	1.1	0.9	2.5	4	5.4	5	4.9	5.1	5.4	6.2	6.7	7.1	7.2	7.1	6.4	5.4	4.5	3.1	3.1	2.7	2.4	0.9	7.2	4.4	2.9
Feb 28	2.2	2.3	1.7	1.6	1.2	0.9	0.5	0.2	0.1	1.4	2.9	3.6	4.5	4.7	5.5	6	5.8	4.7	3.4	3.3	3.3	3.4	3.2	2.9	0.1	6.0	2.9
Diurnal Maximum	2.8	2.3	1.8	2.6	3.2	4.0	5.4	5.0	5.0	4.9	5.1	5.4	6.2	6.7	7.1	7.2	7.1	6.4	5.4	4.5	3.4	3.5	3.8	3.6			
Diurnal Average	-16.4	-16.8	-17.1	-17.3	-17.5	-17.5	-17.7	-17.6	-17.3	-16.7	-15.5	-14.2	-13.4	-12.4	-11.6	-11.3	-11.6	-12.3	-13.2	-13.6	-14.0	-14.4	-14.9	-15.2			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance							P	Power Failure		
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																		
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																											
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																											



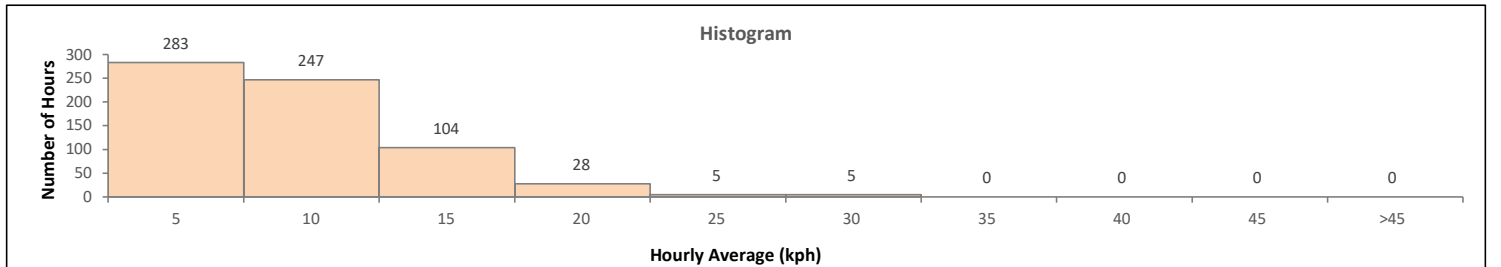
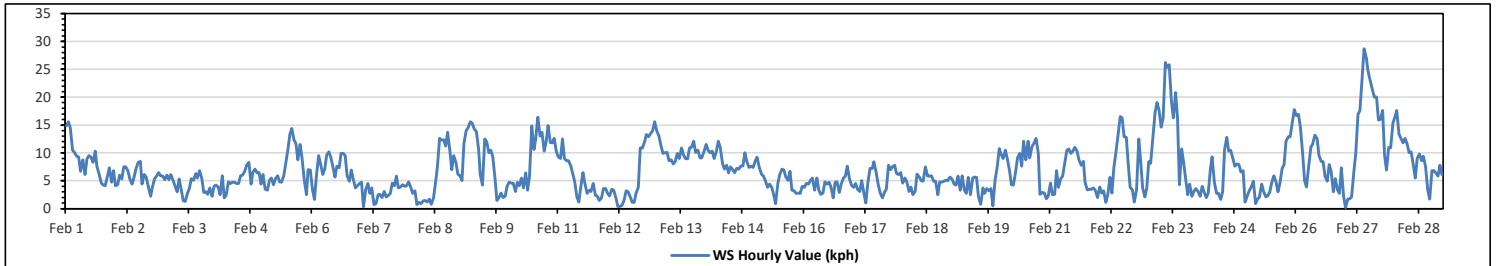
Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	27.5	°C	on Feb 5 at hr 3	Hours in Service:	672																											
Maximum Daily Value:	25.7	°C	on Feb 5	Hours of Data:	672																											
Minimum Hourly Value:	15.0	°C	on Feb 3 at hr 9	Hours of Missing Data:	0																											
Minimum Daily Value:	20.1	°C	on Feb 3	Hours of Calibration:	0																											
Monthly Average:	24.0	°C		Operational Uptime:	100.0																											
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average						
Feb 1	19.8	20.0	20.0	20.3	20.7	21.2	21.5	21.8	21.7	21.6	21.9	22.6	23.4	23.9	24.4	24.5	21.4	21.8	21.9	21.7	21.4	20.9	20.6	20.3	19.8	24.5	21.6					
Feb 2	20.1	19.9	19.5	19.3	19.0	18.7	18.4	18.7	18.9	18.9	19.1	19.6	20.7	22.3	23.2	24.2	24.7	24.0	22.6	21.4	20.7	19.9	19.1	18.4	18.4	24.7	20.5					
Feb 3	17.8	17.6	17.4	17.0	16.9	16.5	16.2	15.6	15.1	15.0	16.1	18.0	19.5	20.7	21.5	22.5	23.0	23.2	24.3	24.9	25.4	25.6	25.8	25.9	15.0	25.9	20.1					
Feb 4	26.1	26.2	26.1	26.1	26.0	25.6	25.4	24.9	24.3	24.0	24.0	24.7	25.9	27.1	26.7	24.3	27.2	23.6	24.6	25.4	25.8	26.1	26.4	26.7	23.6	27.2	25.6					
Feb 5	26.8	26.6	27.2	27.5	26.9	26.7	26.2	25.4	25.0	24.9	25.7	27.2	25.4	25.3	25.4	25.2	25.1	25.5	25.0	25.6	24.0	24.7	25.5	24.3	24.0	27.5	25.7					
Feb 6	24.4	24.9	24.5	24.2	24.0	24.8	25.0	24.5	23.9	25.0	24.3	23.8	23.6	24.2	23.2	24.1	24.1	24.2	24.0	23.7	24.4	24.5	24.4	24.3	23.2	25.0	24.3					
Feb 7	23.9	24.5	24.6	24.7	24.2	23.9	24.9	24.6	24.5	23.9	24.6	24.5	24.0	23.6	24.5	23.3	24.8	24.5	24.0	25.3	25.2	24.6	26.0	24.1	23.3	26.0	24.4					
Feb 8	26.5	23.9	26.5	23.9	26.7	23.8	26.1	26.8	23.5	25.7	26.8	23.7	24.1	24.9	24.2	24.2	23.8	24.6	25.3	23.9	26.5	23.7	26.6	24.7	23.5	26.8	25.0					
Feb 9	25.0	26.9	26.6	23.7	26.1	27.0	27.3	24.1	25.1	26.4	26.6	23.8	24.0	25.0	25.1	23.9	25.6	24.3	26.3	26.7	27.0	27.1	23.9	24.1	23.7	27.3	25.5					
Feb 10	24.9	25.3	25.6	25.8	26.1	26.2	26.3	26.2	26.5	26.9	26.2	24.1	24.0	24.5	25.3	24.5	24.0	24.8	24.6	25.2	26.5	23.5	24.8	24.2	23.5	26.9	25.3					
Feb 11	23.7	24.6	23.5	24.6	24.2	23.5	25.1	23.6	25.0	23.6	24.6	24.7	24.5	24.6	24.2	24.1	24.0	23.0	23.1	25.8	23.2	25.1	23.0	25.8	23.0	25.8	24.2					
Feb 12	24.0	23.9	26.1	23.7	24.7	23.5	24.6	23.1	23.7	24.2	22.8	23.0	24.0	23.1	23.0	22.4	23.4	23.6	24.0	23.2	23.5	24.8	23.1	24.7	22.4	26.1	23.8					
Feb 13	23.8	23.8	24.8	23.5	25.2	23.0	25.7	23.0	25.3	23.5	25.1	23.1	23.3	23.9	23.9	23.7	23.1	23.8	24.1	25.7	24.5	23.8	25.9	23.7	23.0	25.9	24.1					
Feb 14	24.2	25.6	26.2	24.4	23.6	25.1	25.5	25.5	25.8	26.4	23.1	25.0	23.2	23.4	23.7	24.0	23.8	23.2	24.4	23.5	25.3	26.1	24.1	23.9	23.1	26.4	24.5					
Feb 15	25.3	25.8	26.0	26.0	22.8	24.6	25.3	25.5	25.1	25.0	25.4	23.0	23.3	23.6	23.4	23.7	23.8	24.2	23.1	25.4	24.9	23.3	25.1	25.7	22.8	26.0	24.6					
Feb 16	26.0	26.2	23.8	23.5	24.2	24.8	25.3	25.5	25.8	26.4	22.8	23.0	23.2	23.1	23.4	23.2	22.6	23.4	23.5	24.3	23.6	23.4	24.4	24.6	22.6	26.4	24.2					
Feb 17	23.2	25.2	23.4	24.8	23.9	25.8	23.0	25.5	26.0	23.1	24.8	23.2	23.3	23.4	23.4	22.7	23.5	23.6	23.9	23.2	25.1	23.5	24.2	24.8	22.7	26.0	24.0					
Feb 18	23.4	25.5	23.3	25.3	24.4	23.8	25.6	26.4	23.5	24.8	25.4	23.8	23.3	23.5	23.7	23.6	22.9	22.9	23.4	24.1	24.1	23.6	23.5	25.0	22.9	26.4	24.1					
Feb 19	23.7	23.8	25.2	23.2	25.6	23.2	25.4	24.5	24.1	25.8	23.0	23.2	23.4	23.7	23.4	23.2	23.3	23.2	23.3	23.3	23.2	23.3	23.4	23.4	23.0	25.8	23.8					
Feb 20	23.4	23.5	23.6	23.7	23.5	23.6	23.6	23.6	23.7	23.2	23.1	22.3	22.2	22.7	22.9	22.8	22.4	22.7	23.2	22.9	22.8	22.5	23.0	22.2	22.2	23.7	23.0					
Feb 21	23.1	22.1	23.0	22.7	22.6	22.8	22.5	22.0	23.2	22.8	23.1	23.7	24.6	25.4	25.9	26.0	26.0	26.1	25.3	24.5	23.9	23.6	23.3	23.1	22.0	26.1	23.8					
Feb 22	22.9	22.4	22.1	22.9	22.7	22.4	22.3	22.3	22.2	22.0	22.6	23.7	24.9	25.9	25.8	25.8	25.9	25.9	26.2	26.0	25.7	25.5	25.3	25.1	22.0	26.2	24.1					
Feb 23	24.8	24.2	23.7	23.4	23.2	23.2	23.3	23.4	23.5	23.9	24.3	24.9	25.7	25.9	25.8	26.0	26.2	25.9	24.9	23.6	22.5	23.1	22.6	23.0	22.5	26.2	24.2					
Feb 24	23.3	23.0	22.9	22.6	23.2	23.3	23.2	22.8	22.9	22.1	22.2	23.0	24.2	25.8	25.8	26.1	25.9	26.2	26.1	25.8	25.6	24.9	24.5	24.2	22.1	26.2	24.2					
Feb 25	23.6	22.9	22.7	22.8	23.2	23.0	22.9	22.7	23.4	23.3	22.6	22.7	23.5	24.1	24.9	25.7	25.8	25.3	24.8	24.6	24.4	24.0	23.6	23.4	22.6	25.8	23.7					
Feb 26	23.1	22.8	22.6	22.4	22.4	22.7	22.9	22.8	23.2	23.5	24.6	25.6	25.5	25.6	25.7	25.8	25.8	25.8	26.0	25.9	25.7	25.6	25.4	25.4	22.4	26.0	24.5					
Feb 27	25.3	25.0	24.6	24.1	23.6	23.6	23.7	23.9	23.9	23.9	24.3	24.6	25.4	25.8	25.7	25.9	25.8	26.2	26.0	25.6	25.0	24.4	23.9	23.4	23.4	26.2	24.7					
Feb 28	23.0	22.8	22.5	22.2	22.0	22.5	22.1	22.5	21.9	22.9	23.4	24.7	25.7	25.6	25.9	25.9	25.6	25.8	25.9	25.3	24.8	24.4	24.3	24.2	21.9	25.9	24.0					
Diurnal Maximum	26.8	26.9	27.2	27.5	26.9	27.0	27.3	26.8	26.5	26.9	26.8	27.2	25.9	27.1	26.7	26.1	27.2	26.2	26.3	26.7	27.0	27.1	26.6	26.7								
Diurnal Average	23.8	23.9	23.9	23.5	23.6	23.5	23.9	23.6	23.6	23.7	23.7	23.5	23.9	24.3	24.4	24.3	24.4	24.3	24.4	24.5	24.5	24.1	24.1	24.0								
C	Monthly Calibration										S	Daily Zero-Span Check										Q	Quality Assurance									
K	Collection Error										ND	No Data (Machine Not in Service)										Y	Routine Maintenance									
X	Invalid Data (Equipment Malfunction /Recovery)										NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)										P	Power Failure									
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	28.7	kph	on Feb 27 at hr 9	Hours in Service:	672																																				
Maximum Daily Value:	14.5	kph	on Feb 27	Hours of Data:	672																																				
Minimum Hourly Value:	0.2	kph	on Feb 27 at hr 0	Hours of Missing Data:	0																																				
Minimum Daily Value:	3.2	kph	on Feb 7	Hours of Calibration:	0																																				
Monthly Average:	6.9	kph		Operational Uptime:	100.0																																				
Day	0	1	2	3	4	5	6	7	8	9	Hourly Period Starting at (MST)														10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average
Feb 1	14.8	15.6	14.5	10.5	10.1	9.4	9.3	6.7	8.8	6.1	8.9	9.5	9.3	8.3	10.3	7.6	6.2	4.6	4.2	4.1	5.8	7.3	4.7	6.8	4.1	15.6	8.5														
Feb 2	4.1	4.3	6.0	5.3	7.5	7.5	6.8	5.3	4.4	5.6	7.1	8.3	8.5	4.4	6.1	5.7	3.9	2.2	3.7	5.3	5.9	6.5	5.9	5.8	2.2	8.5	5.7														
Feb 3	5.2	6.0	5.2	6.1	5.1	4.1	3.0	5.3	3.6	1.4	1.3	2.7	3.6	5.4	5.1	6.3	5.5	6.8	5.4	2.9	3.0	2.6	3.7	2.2	1.3	6.8	4.2														
Feb 4	4.0	4.2	3.9	2.5	5.9	1.9	2.4	4.8	4.5	4.7	4.7	4.5	4.5	5.9	6.0	6.7	7.8	8.3	4.4	6.4	7.1	6.4	6.5	4.4	1.9	8.3	5.1														
Feb 5	6.1	3.5	3.3	5.0	5.5	4.3	5.4	5.9	4.8	4.7	5.9	8.0	10.6	13.3	14.4	12.3	11.7	8.8	11.5	9.1	5.2	2.5	7.0	6.9	2.5	14.4	7.3														
Feb 6	3.3	1.6	5.8	9.5	8.0	6.1	7.1	9.6	10.2	9.2	7.4	5.7	7.6	7.3	9.9	9.9	9.5	5.9	4.9	6.9	5.3	3.7	4.1	4.5	1.6	10.2	6.8														
Feb 7	4.7	0.3	3.4	4.5	2.7	3.7	0.7	0.9	2.5	2.6	2.0	3.1	2.1	2.4	2.7	4.6	4.1	5.8	3.7	3.9	4.3	4.0	4.1	4.8	0.3	5.8	3.2														
Feb 8	3.8	2.7	3.2	0.7	1.1	0.9	1.4	1.5	1.2	1.7	0.8	1.9	4.5	7.4	12.6	12.3	12.3	11.2	13.7	10.4	7.0	9.5	8.3	6.2	0.7	13.7	5.7														
Feb 9	5.9	5.0	11.7	14.0	14.5	15.6	15.3	14.3	13.8	10.6	6.1	4.2	12.5	12.0	10.0	10.5	9.4	5.5	1.5	1.9	2.8	2.0	2.2	4.0	1.5	15.6	8.6														
Feb 10	4.7	4.6	4.6	3.1	4.7	4.1	5.5	3.7	6.4	3.3	5.8	14.8	10.6	12.4	16.4	13.0	13.7	10.3	12.0	14.9	11.9	11.8	12.6	10.2	3.1	16.4	9.0														
Feb 11	9.3	9.0	12.5	9.0	8.6	8.6	7.7	6.3	4.9	2.1	1.2	4.2	6.5	4.5	2.7	3.3	3.1	4.5	2.4	2.2	1.5	1.9	3.6	3.6	1.2	12.5	5.1														
Feb 12	2.7	2.3	3.5	3.3	1.9	0.4	0.4	0.6	1.4	3.2	3.0	2.2	1.1	1.1	2.8	3.8	10.9	10.9	12.0	13.3	12.9	13.5	14.0	15.6	0.4	15.6	5.7														
Feb 13	13.9	13.1	11.2	9.9	10.0	10.1	8.6	8.8	8.0	8.4	9.9	9.0	10.9	9.7	9.0	8.9	10.9	11.0	12.1	10.1	10.5	9.1	9.1	10.2	8.0	13.9	10.1														
Feb 14	11.5	10.5	10.0	10.3	9.0	10.3	12.1	11.0	8.1	7.1	7.8	6.4	7.5	7.0	6.5	7.2	7.1	7.6	7.7	10.0	8.5	7.4	7.6	7.4	6.4	12.1	8.6														
Feb 15	8.5	9.2	7.4	6.2	5.8	5.0	3.8	4.4	3.8	2.5	0.9	4.5	6.1	7.1	6.9	5.7	5.1	6.7	3.3	3.2	2.7	2.8	2.7	4.0	0.9	9.2	4.9														
Feb 16	3.8	4.5	4.4	5.1	5.5	3.3	5.5	3.4	2.6	2.8	4.8	4.4	4.7	3.9	1.9	4.7	4.8	2.9	4.4	5.5	5.8	7.6	5.3	4.2	1.9	7.6	4.4														
Feb 17	3.8	4.5	3.5	3.1	5.0	2.7	1.0	4.5	7.2	7.2	8.4	6.6	4.2	2.8	1.9	2.9	3.5	7.8	7.0	7.5	7.8	6.3	6.1	6.5	1.0	8.4	5.1														
Feb 18	4.6	5.5	4.8	3.1	3.9	2.5	3.1	6.2	5.7	5.0	4.9	7.5	5.8	5.8	5.9	4.9	4.9	2.5	4.8	4.7	4.9	5.1	5.0	5.7	2.5	7.5	4.9														
Feb 19	5.3	4.4	4.2	5.8	3.3	5.9	3.3	2.7	5.6	2.5	5.5	5.7	5.6	2.1	0.8	3.7	2.7	3.6	3.2	3.6	0.5	5.2	7.2	10.8	0.5	10.8	4.3														
Feb 20	9.7	9.0	10.5	9.0	6.8	4.3	4.2	6.6	9.1	9.9	7.6	12.1	8.8	12.1	9.1	11.1	11.7	12.6	9.9	2.6	2.9	2.8	1.8	2.3	1.8	12.6	7.8														
Feb 21	4.6	2.5	2.6	6.8	3.8	5.4	5.8	8.3	10.4	10.7	9.9	10.3	11.0	10.3	8.8	7.8	8.5	4.7	3.4	3.5	3.5	3.7	3.3	2.0	2.0	11.0	6.3														
Feb 22	3.9	2.8	3.2	1.1	2.5	5.6	2.8	7.3	10.3	13.1	16.5	16.3	12.9	12.8	8.0	3.8	3.4	1.2	3.4	12.5	9.1	3.7	2.1	3.7	1.1	16.5	6.8														
Feb 23	8.4	8.1	12.8	17.3	19.0	17.7	14.6	16.2	26.2	25.4	25.8	19.2	16.3	20.8	16.2	4.3	10.7	8.3	5.5	2.5	4.4	2.2	3.1	3.6	2.2	26.2	12.9														
Feb 24	3.1	2.2	4.0	3.0	2.0	2.8	7.2	9.3	4.8	2.7	2.7	1.6	3.0	10.6	12.8	10.3	10.5	9.0	7.6	8.0	7.9	6.6	6.8	1.2	1.2	12.8	5.8														
Feb 25	2.3	3.2	3.8	4.9	0.9	1.7	2.1	4.4	3.1	2.1	2.3	2.9	4.8	5.9	4.7	3.0	4.6	7.2	7.9	12.1	12.9	12.9	15.6	17.8	0.9	17.8	6.0														
Feb 26	16.7	16.9	14.6	9.9	5.0	3.9	7.7	11.1	11.5	13.2	12.6	9.6	8.5	8.4	5.8	4.9	7.9	6.7	3.0	5.4	3.4	2.7	7.3	2.2	2.2	16.9	8.3														
Feb 27	0.2	1.7	1.8	2.1	6.6	9.9	16.9	17.6	22.7	28.7	27.1	24.8	23.0	21.3	20.0	20.0	15.9	16.0	17.6	9.6	6.9	11.0	10.9	15.3	0.2	28.7	14.5														
Feb 28	16.4	17.6	13.4	12.6	11.8	12.6	11.7	10.0	10.2	7.8	5.5	9.0	9.8	8.6	9.4	7.6	3.3	1.7	6.8	6.8	6.4	5.8	7.8	6.1	1.7	17.6	9.1														
Diurnal Maximum	16.7	17.6	14.6	17.3	19.0	17.7	16.9	17.6	26.2	28.7	27.1	24.8	23.0	21.3	20.0	20.0	15.9	16.0	17.6	14.9	12.9	13.5	15.6	17.8																	
Diurnal Average	6.6	6.2	6.8	6.6	6.3	6.1	6.3	7.0	7.7	7.3	7.4	7.8	8.0	8.3	8.1	7.4	7.6	6.9	6.7	6.7	6.1	6.0	6.4	6.4																	
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance																										
K	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure																			
X	Invalid Data (Equipment Malfunction/Recovery)						NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																																	
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																									
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																																									

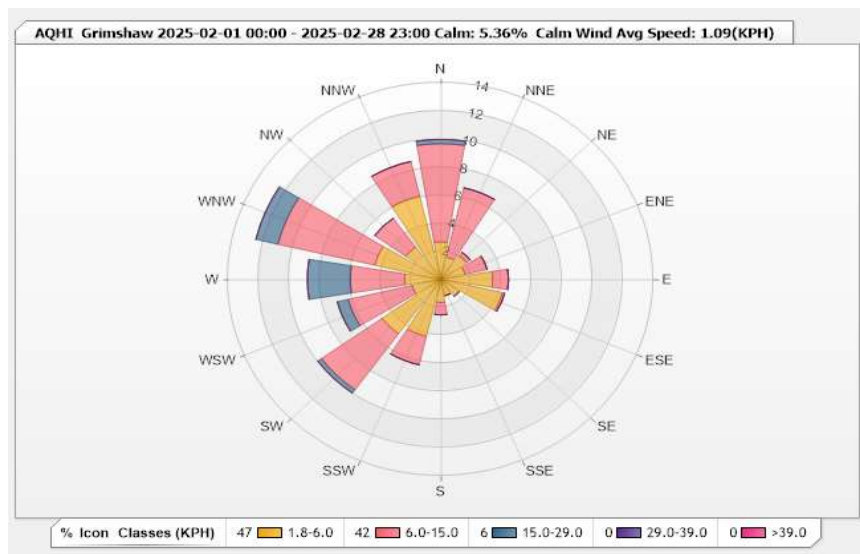


Station: AQHI Grimshaw Monitor: WDS [KPH] Monthly: 02-2025

Type: Wind Rose
Direction: Blowing From (Wind Frequency)
Time Base: 1 - Hour

Calm (WS<1.8kph): 5.36% Valid Data: 100.00%

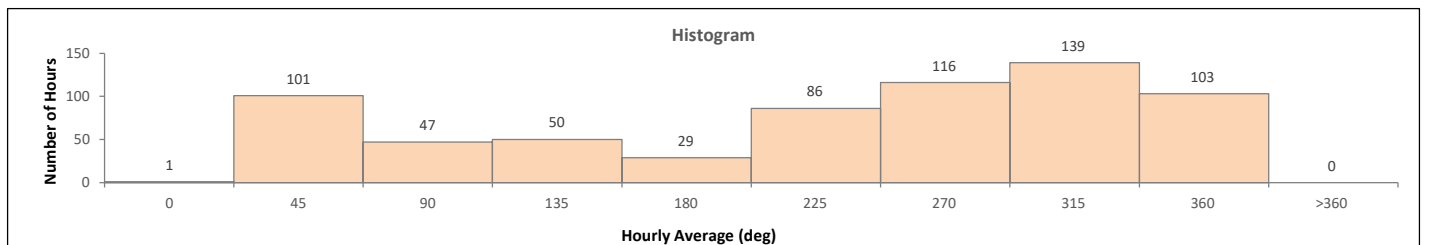
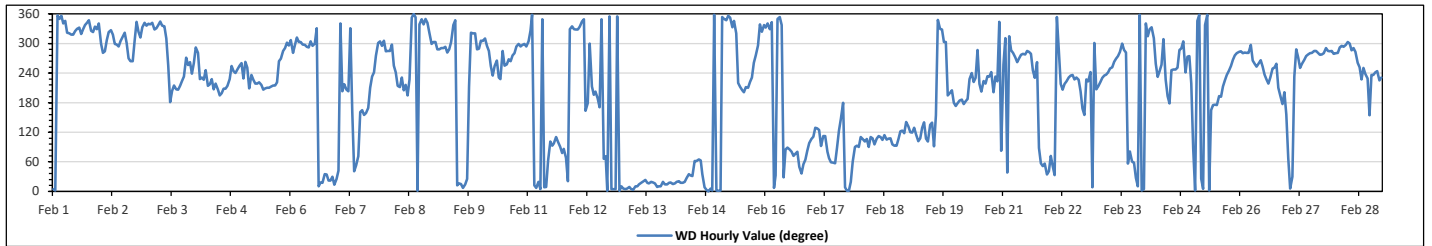
Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	2.68	6.99	0.3	0	0	9.97
NNE	1.64	5.06	0	0	0	6.7
NE	2.08	0.3	0	0	0	2.38
ENE	1.64	1.49	0	0	0	3.13
E	3.42	1.04	0	0	0	4.46
ESE	4.17	0.15	0	0	0	4.32
SE	1.49	0	0	0	0	1.49
SSE	1.19	0	0	0	0	1.19
S	1.64	0.89	0	0	0	2.53
SSW	4.17	2.08	0	0	0	6.25
SW	4.76	4.91	0.3	0	0	9.97
WSW	1.93	4.32	0.74	0	0	6.99
W	2.38	3.57	2.83	0	0	8.78
WNW	4.46	6.55	1.49	0	0	12.5
NW	2.83	2.53	0	0	0	5.36
NNW	6.1	2.53	0	0	0	8.63
Summary	46.58	42.41	5.66	0	0	94.65



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages
WIND DIRECTION (VWD) in sector

Monthly Average:		296 (WNW) degree																							Hours in Service:		672					
																									Hours of Data:		672					
																									Hours of Missing Data:		0					
																									Hours of Calibration:		0					
																									Operational Uptime:		100.0					
Day	Hourly Period Starting at (MST)																							Daily Average								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Degree	Quadrant						
Feb 1	N	N	N	N	N	NNW	NNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NW	NW	NNW	NNW	NNW	336	NNW						
Feb 2	WNW	W	WNW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	NW	NW	WNW	W	W	W	NW	NNW	NW	NW	NNW	NNW	NNW	307	NW						
Feb 3	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	WSW	S	SSW	SSW	SSW	SSW	SSW	SSW	W	WSW	W	WSW	WSW	274	W						
Feb 4	WNW	W	SW	SW	SW	WSW	SSW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	231	SW						
Feb 5	SW	W	WSW	SSW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	W	W	WNW	WNW	WNW	236	SW						
Feb 6	NW	W	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	N	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	334	NNW						
Feb 7	NE	NNW	SSW	SW	SSW	SSW	NNW	SSE	NE	NE	ENE	SSE	SSE	SSE	SSE	SSE	SSW	SW	WSW	W	WNW	WNW	WNW	NW	222	SW						
Feb 8	WNW	WNW	WNW	WNW	WSW	WSW	SSW	SSW	SW	SSW	SW	SSW	SW	N	N	N	N	NNW	NNW	NNW	N	NNW	NW	WNW	291	WNW						
Feb 9	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	NNW	NNW	NNE	NNE	NNE	N	NNE	NNE	SSW	NW	NW	NW	WNW	WNW	318	NW						
Feb 10	NW	NNW	NW	WNW	WNW	WSW	SW	WSW	W	SW	SW	WNW	WSW	WSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	277	W						
Feb 11	WNW	NW	N	NNE	N	NNE	N	NNW	N	N	ENE	E	E	E	ESE	E	E	ENE	E	ENE	NNE	NNW	NNW	NNW	31	NNE						
Feb 12	NNW	NNW	NNW	NNW	NNW	SSE	S	WNW	SSW	SSW	SSW	S	S	NNW	ENE	ENE	ENE	N	N	N	N	N	N	N	348	NNW						
Feb 13	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	NNE	NNE	NNE	NNE	13	NNE						
Feb 14	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	ENE	ENE	ENE	ENE	ENE	NE	N	N	N	N	N	N	N	23	NNE						
Feb 15	N	N	N	N	NNW	N	N	NNW	NNW	NW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	W	W	WNW	NNW	NW	300	NNW						
Feb 16	NNW	NNW	NNW	NNW	N	NNE	N	N	NNW	NNE	E	E	E	E	ENE	ENE	E	NE	NE	NE	ENE	E	E	ESE	43	NE						
Feb 17	ESE	SE	SE	ESE	E	ESE	ESE	E	ENE	ENE	ENE	ENE	E	ESE	SE	S	N	N	N	NNE	ENE	E	E	E	86	E						
Feb 18	ESE	ESE	E	ESE	E	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	ESE	ESE	ESE	ESE	SE	108	ESE						
Feb 19	SE	ESE	ESE	SE	ESE	E	ESE	SE	SE	ESE	E	SE	SE	E	SSE	NNW	NNW	NNW	WNW	WNW	SSW	SSW	SSW	S	132	SE						
Feb 20	S	S	S	S	S	S	S	SW	WSW	SW	SW	WNW	SW	SSW	SW	SW	SW	SW	WSW	SSW	SW	SW	NNW	E	213	SSW						
Feb 21	WSW	NW	NE	NW	WNW	W	W	W	W	W	W	WNW	W	W	WSW	SW	W	E	ENE	NE	NE	NE	NE	NE	297	WNW						
Feb 22	ENE	NE	NNE	N	WNW	SW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSE	SSE	SW	SW	WSW	N	WNW	SSW	228	SW							
Feb 23	SSW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	WNW	WNW	W	NE	E	ENE	ENE	NNE	N	N	N	N	N	290	WNW						
Feb 24	NNW	NW	NNW	NNW	NW	WSW	SW	WSW	WSW	NW	SW	S	S	WSW	WSW	WSW	WSW	WNW	WNW	WNW	WSW	W	W	SW	267	W						
Feb 25	E	N	NNW	N	NNE	N	NNW	N	N	SSE	S	S	S	S	S	SSW	SW	SW	WSW	WSW	W	W	W	W	266	W						
Feb 26	WNW	W	W	W	W	WNW	W	WSW	WSW	WSW	W	WSW	SW	SW	SW	SW	WSW	WSW	WSW	SSW	SSW	S	SSW	SSE	247	WSW						
Feb 27	ENE	N	NNE	SW	WNW	W	WSW	WSW	W	W	W	W	WNW	WNW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	283	W						
Feb 28	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WSW	SW	WSW	SW	SW	SSE	SW	SW	WSW	WSW	SW	SW	261	W						
C	Monthly Calibration																	S	Daily Zero-Span Check					Q	Quality Assurance							
K	Collection Error																	ND	No Data (Machine Not in Service)					Y	Routine Maintenance					P	Power Failure	
X	Invalid Data (Machine Malfunction /Recovery)																	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)													
Monthly Average is shown "-.-" if minimum data completeness criteria of 75% or 18 hours per day is not met.																																
Monthly Average is shown "-.-" if minimum data completeness criteria of 75% of days per month is not met.																																

Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.



Peace River Area Monitoring Program
AQHI - Grimshaw Station - February 2025
Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr & WIND DIRECTION (VWD) in sector

WIND SPEED																												
Maximum Hourly Value:				28.7 kph on Feb 27 at hr 9												Hours in Service:				672								
Maximum Daily Value:				14.5 kph on Feb 27												Hours of Data:				672								
Minimum Hourly Value:				0.2 kph on Feb 27 at hr 0												Hours of Missing Data:				0								
Minimum Daily Value:				3.2 kph on Feb 7												Hours of Calibration:				0								
Monthly Average:				6.9 kph												Operational Uptime:				100.0								
WIND DIRECTION																												
Monthly Average:				296 degree (WNW)																								
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Minimum	Daily Maximum	Daily Average	
Feb 1	14.8	15.6	14.5	10.5	10.1	9.4	9.3	6.7	8.8	6.1	8.9	9.5	9.3	8.3	10.3	7.6	6.2	4.6	4.2	4.1	5.8	7.3	4.7	6.8	4.1	15.6	8.5	
Feb 2	N	N	N	N	N	NNW	NNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NW	NW	NNW	NNW	NNW	2.2	8.5	5.7	
	WNW	W	WNW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	NW	NW	WNW	W	W	W	NW	NNW	NW	NW	NNW	NNW	NNW	1.3	6.8	4.2	
Feb 3	5.2	6.0	5.2	6.1	5.1	4.1	3.0	5.3	3.6	1.4	1.3	2.7	3.6	5.4	5.1	6.3	5.5	6.8	5.4	2.9	3.0	2.6	3.7	2.2	1.3	6.8	4.2	
	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	WSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.9	8.3	5.1	
Feb 4	4.0	4.2	3.9	2.5	5.9	1.9	2.4	4.8	4.5	4.7	4.7	4.5	4.5	5.9	6.0	6.7	7.8	8.3	4.4	6.4	7.1	6.4	6.5	4.4	1.9	8.3	5.1	
	WNW	W	SW	SW	SW	WSW	SSW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	2.5	14.4	7.3	
Feb 5	6.1	3.5	3.3	5.0	5.5	4.3	5.4	5.9	4.8	4.7	5.9	8.0	10.6	13.3	14.4	12.3	11.7	8.8	11.5	9.1	5.2	2.5	7.0	6.9	2.5	14.4	7.3	
	SW	W	WSW	SSW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.6	10.2	6.8	
Feb 6	3.3	1.6	5.8	9.5	8.0	6.1	7.1	9.6	10.2	9.2	7.4	5.7	7.6	7.3	9.9	9.9	9.5	5.9	4.9	6.9	5.3	3.7	4.1	4.5	1.6	10.2	6.8	
	NW	W	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	N	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	0.3	5.8	3.2	
Feb 7	4.7	0.3	3.4	4.5	2.7	3.7	0.7	0.9	2.5	2.6	2.0	3.1	2.1	2.4	2.7	4.6	4.1	5.8	3.7	3.9	4.3	4.0	4.1	4.8	0.3	5.8	3.2	
	NE	NNW	SSW	SW	SSW	SSW	NNW	SSE	NE	NE	ENE	SSE	SSE	SSE	SSE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.7	13.7	5.7	
Feb 8	3.8	2.7	3.2	0.7	1.1	0.9	1.4	1.5	1.2	1.7	0.8	1.9	4.5	7.4	12.6	12.3	12.3	11.2	13.7	10.4	7.0	9.5	8.3	6.2	0.7	13.7	5.7	
	WNW	WNW	WNW	WNW	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	N	N	N	N	NNW	NNW	N	NNW	NW	WNW	1.5	15.6	8.6	
Feb 9	5.9	5.0	11.7	14.0	14.5	15.6	15.3	14.3	13.8	10.6	6.1	4.2	12.5	12.0	10.0	10.5	9.4	5.5	1.5	1.9	2.8	2.0	2.2	4.0	1.5	15.6	8.6	
	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	NNW	NNW	NNE	NNE	NNE	N	NNE	NNE	SSW	NW	NW	WNW	WNW	WNW	3.1	16.4	9.0	
Feb 10	4.7	4.6	4.6	3.1	4.7	4.1	5.5	3.7	6.4	3.3	5.8	14.8	10.6	12.4	16.4	13.0	13.7	10.3	12.0	14.9	11.9	11.8	12.6	10.2	3.1	16.4	9.0	
	NW	WNW	NW	WNW	WNW	WSW	WSW	WSW	W	SW	SW	WNW	WSW	WSW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	1.2	12.5	5.1	
Feb 11	9.3	9.0	12.5	9.0	8.6	8.6	7.7	6.3	4.9	2.1	1.2	4.2	6.5	4.5	2.7	3.3	3.1	4.5	2.4	2.2	1.5	1.9	3.6	3.6	1.2	12.5	5.1	
	WNW	NW	N	NNE	N	NNE	N	NNW	N	N	ENE	E	E	E	ESE	E	E	ENE	E	ENE	NNE	NNW	NNW	NNW	0.4	15.6	5.7	
Feb 12	2.7	2.3	3.5	3.3	1.9	0.4	0.4	0.6	1.4	3.2	3.0	2.2	1.1	1.1	2.8	3.8	10.9	10.9	12.0	13.3	12.9	13.5	14.0	15.6	0.4	15.6	5.7	
	NNW	NNW	NNW	NNW	NNW	SSE	S	WNW	SSW	SSW	SSW	S	S	NNW	ENE	ENE	N	N	N	N	N	N	N	N	0.4	15.6	5.7	
Feb 13	13.9	13.1	11.2	9.9	10.0	10.1	8.6	8.8	8.0	8.4	9.9	9.0	10.9	9.7	9.0	8.9	10.9	11.0	12.1	10.1	10.5	9.1	9.1	10.2	8.0	13.9	10.1	
	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	NNE	NNE	NNE	NNE	NNE	8.0	13.9	10.1	
Feb 14	11.5	10.5	10.0	10.3	9.0	10.3	12.1	11.0	8.1	7.1	7.8	6.4	7.5	7.0	6.5	7.2	7.1	7.6	7.7	10.0	8.5	7.4	7.6	7.4	6.4	12.1	8.6	
	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	ENE	ENE	ENE	ENE	NE	N	N	N	N	N	N	N	6.4	12.1	8.6	
Feb 15	8.5	9.2	7.4	6.2	5.8	5.0	3.8	4.4	3.8	2.5	0.9	4.5	6.1	7.1	6.9	5.7	5.1	6.7	3.3	3.2	2.7	2.8	2.7	4.0	0.9	9.2	4.9	
	N	N	N	N	NNW	N	N	NNW	NNW	NW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.9	9.2	4.9	
Feb 16	3.8	4.5	4.4	5.1	5.5	3.3	5.5	3.4	2.6	2.8	4.8	4.4	4.7	3.9	1.9	4.7	4.8	2.9	4.4	5.5	5.8	7.6	5.3	4.2	1.9	7.6	4.4	
	NNW	NNW	NNW	NNW	N	NNE	N	N	NNW	NNE	E	E	E	ENE	ENE	E	NE	NE	NE	ENE	E	E	ESE	1.0	8.4	5.1		
Feb 17	3.8	4.5	3.5	3.1	5.0	2.7	1.0	4.5	7.2	7.2	8.4	6.6	4.2	2.8	1.9	2.9	3.5	7.8	7.0	7.5	7.8	6.3	6.1	6.5	1.0	8.4	5.1	
	ESE	SE	SE	ESE	E	ESE	ESE	E	ENE	ENE	ENE	ENE	E	ESE	SE	S	N	N	N	NNE	ENE	E	E	E	2.5	7.5	4.9	
Feb 18	4.6	5.5	4.8	3.1	3.9	2.5	3.1	6.2	5.7	5.0	4.9	7.5	5.8	5.8	5.9	4.9	4.9	2.5	4.8	4.7	4.9	5.1	5.0	5.7	2.5	7.5	4.9	
	ESE	ESE	E	ESE	E	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	ESE	ESE	ESE	ESE	ESE	0.5	10.8	4.3	
Feb 19	5.3	4.4	4.2	5.8	3.3	5.9	3.3	2.7	5.6	2.5	5.5	5.7	5.6	2.1	0.8	3.7	2.7	3.6	3.2	3.6	0.5	5.2	7.2	10.8	0.5	10.8	4.3	
	SE	ESE	ESE	SE	ESE	E	ESE	SE	SE	ESE	E	SE	SE	E	SSE	NNW	NNW	NNW	NNW	SSW	SSW	SSW	SSW	S	2.2	26.2	12.9	
Feb 20	9.7	9.0	10.5	9.0	6.8	4.3	4.2	6.6	9.1	9.9	7.6	12.1	8.8	12.1	9.1	11.1	11.7	12.6	9.9	2.6	2.9	2.8	1.8	2.3	1.8	12.6	7.8	
	S	S	S	S	S	S	S	SW	WSW	SW	SW	WNW	SW	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.8	12.6	7.8	
Feb 21	4.6	2.5	2.6	6.8	3.8	5.4	5.8	8.3	10.4	10.7	9.9	10.3	11.0	10.3	8.8	7.8	8.5	4.7	3.4	3.5	3.5	3.7	3.3	2.0	2.0	11.0	6.3	
	WSW	NW	NE	NW	NNW	W	W	W	W	W	W	W	NNW	W	W	WSW	SW	W	E	ENE	NE	NE	NE	NE	2.0	11.0	6.3	
Feb 22	3.9	2.8	3.2	1.1	2.5	5.6	2.8	7.3	10.3	13.1	16.5	16.3	12.9	12.8	8.0	3.8	3.4	1.2	3.4	12.5	9.1	3.7	2.1	3.7	1.1	16.5	6.8	
	ENE	NE	NNE	N	WNW	SW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSE	SSE	SSW	SSW	SSW	N	WNW	SSW	1.1	16.5	6.8	
Feb 23	8.4	8.1	12.8	17.3	19.0	17.7	14.6	16.2	26.2	25.4	25.8	19.2	16.3	20.8	16.2	4.3	10.7	8.3	5.5	2.5	4.4	2.2	3.1	3.6	2.2	26.2	12.9	
	SSW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	WNW	WNW	W	NE	E	ENE	ENE	NNE	N	N	N	N	2.2	26.2	12.9	
Feb 24	3.1	2.2	4.0	3.0	2.0	2.8	7.2	9.3	4.8	2.7	2.7	1.6	3.0	10.6	12.8	10.3	10.5	9.0	7.6	8.0	7.9	6.6	6.8	1.2	1.2	12.8	5.8	
	NNW	NW	NNW	NNW	NW	WSW	WSW	WSW	NNW	SW	S	S	WSW	WSW	WSW	WSW	WNW	WNW	WNW	WSW	W	W	W	W	0.9	17.8	6.0	
Feb 25	2.3	3.2	3.8	4.9	0.9	1.7	2.1	4.4	3.1	2.1	2.3	2.9	4.8	5.9	4.7	3.0	4.6	7.2	7.9	12.1	12.9	12.9	15.6	17.8	0.9	17.8	6.0	
	E	N	NNW	N	NNE	N	NNW	N	N	SSE	S	S	S	S	S	SSW	SW	SW	WSW	WSW	W	W	W	W	2.2	16.9	8.3	
Feb 26	16.7	16.9	14.6	9.9	5.0	3.9	7.7	11.1	11.5	13.2	12.6	9.6	8.5	8.4	5.8	4.9	7.9	6.7	3.0	5.4	3.4	2.7	7.3	2.2	2.2	16.9	8.3	
	WNW	W	W	W	W	WNW	W	WSW	WSW	WSW	W	WSW	SW	SW	SW	SW	WSW	WSW	WSW	SSW	S	SSW	SSE		2.2	16.9	8.3	
Feb 27	0.2	1.7	1.8	2.1	6.6	9.9	16.9	17.6	22.7	28.7	27.1	24.8	23.0	21.3	20.0	20.0	15.9	16.0	17.6	9.6	6.9	11.0	10.9	15.3	0.2	28.7	14.5	
	ENE	N	NNE	SW	NNW	W	WSW	WSW	W	W	W	W	W	NNW	NNW	W	W	W	NNW	NNW	NNW	NNW	NNW	NNW	W	0.2	28.7	14.5
Feb 28	16.4	17.6	13.4	12.6	11.8	12.6	11.7	10.0	10.2	7.8	5.5	9.0	9.8	8.6	9.4	7.6	3.3	1.7	6.8	6.8	6.4	5.8	7.8	6.1	1.7	17.6	9.1	
	W	W	WNW	WNW	WNW	WNW	WNW	NNW	NNW	NNW	W	W	WSW	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.7	17.6	9.1	
C	Monthly Calibration						S	Daily Zero-Span Check						Q	Quality Assurance													
X	Collection Error						ND	No Data (Machine Not in Service)						Y	Routine Maintenance						P	Power Failure						
K	Invalid Data (Equipment Malfunction / Recovery)						NR	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																				
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met. Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.																												

END OF REPORT

This page, 152 of 152, ends the February 2025 Monthly Ambient Air Quality Monitoring Report.



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring Calibration Report

- 842-B STATION-

CAL-PRAMP-202502-01561

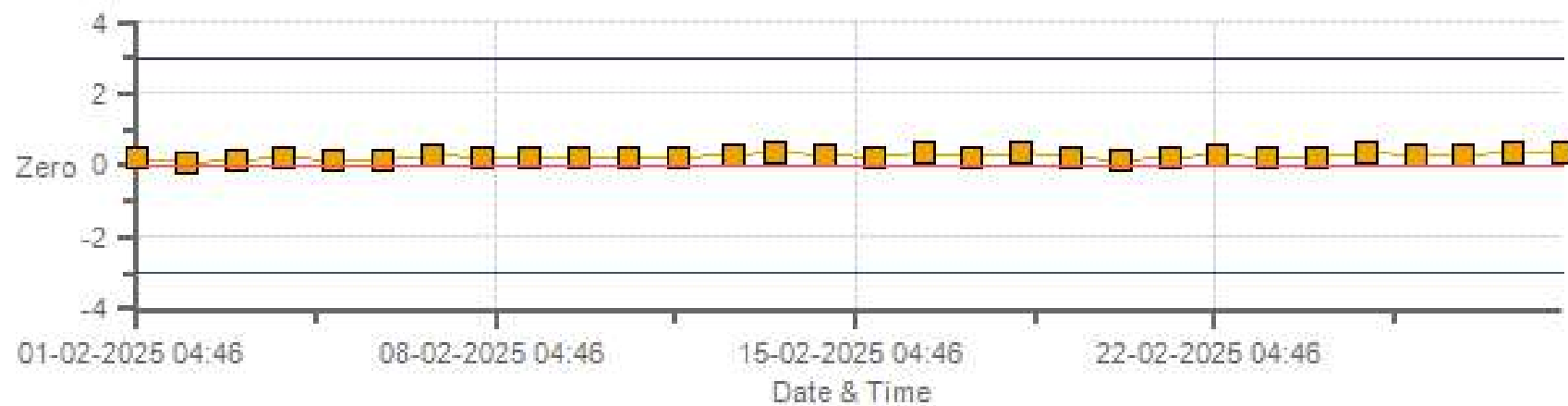
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

March 17, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

SO2[ppb] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Span



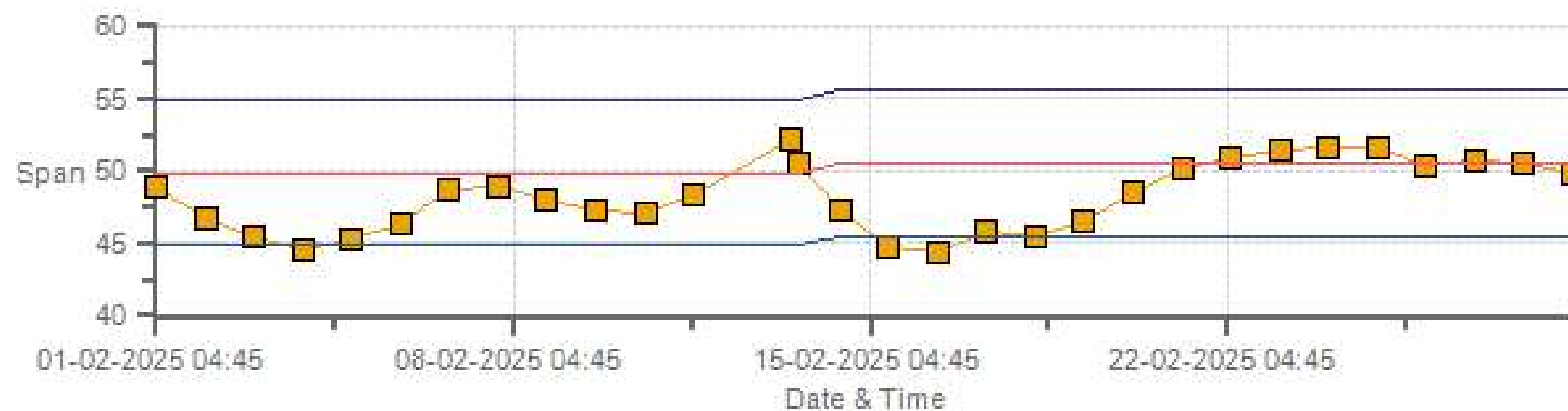
Span SpanRef Span Low Span High

TRS[ppb] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Zero



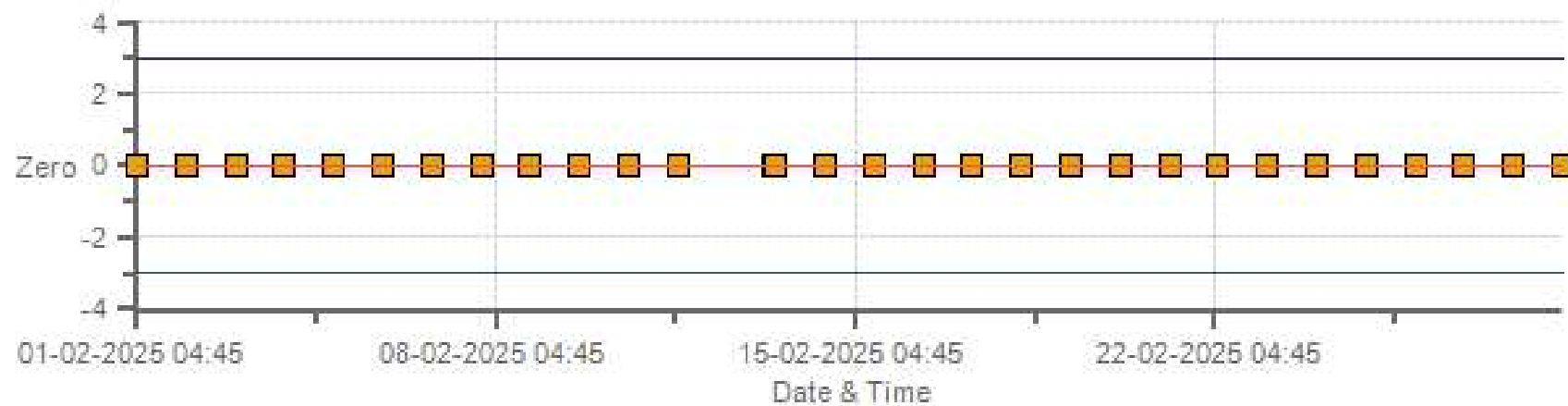
Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Span



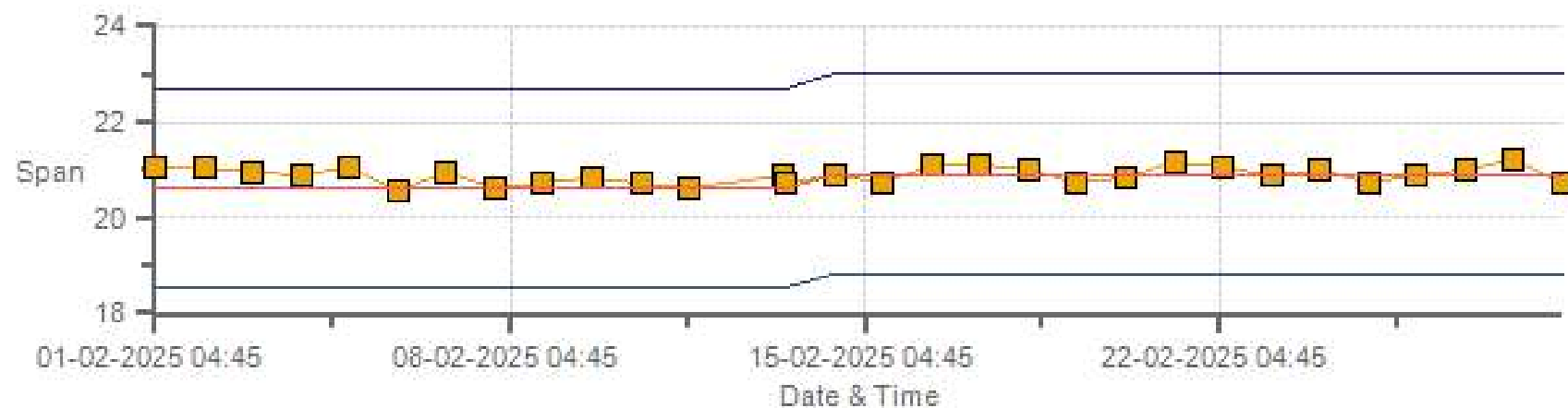
Span SpanRef Span Low Span High

THC55[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Zero



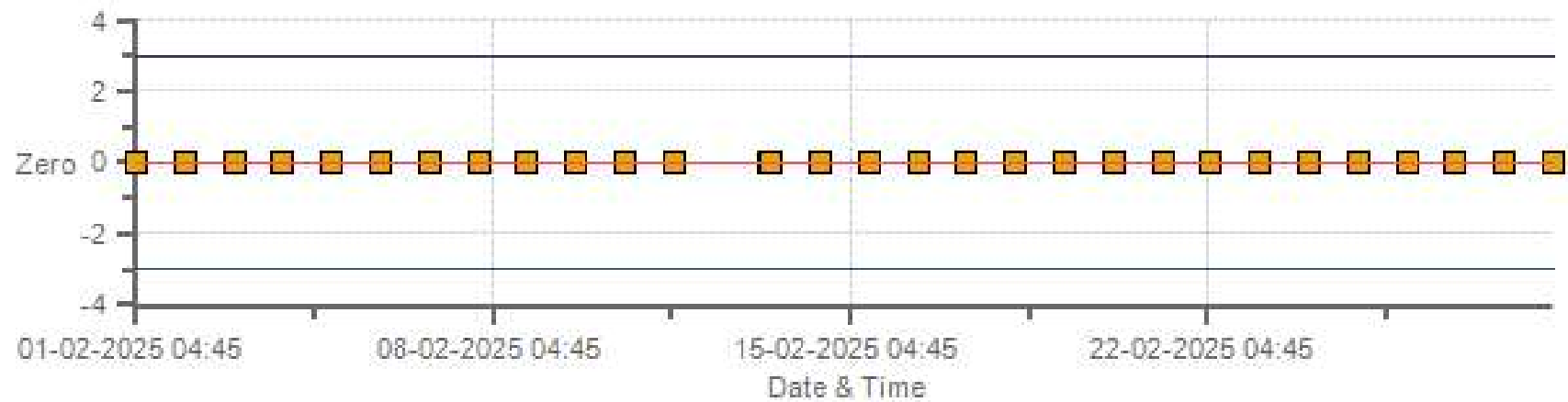
Zero Zero Ref Zero Low Zero High

THC55[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Span



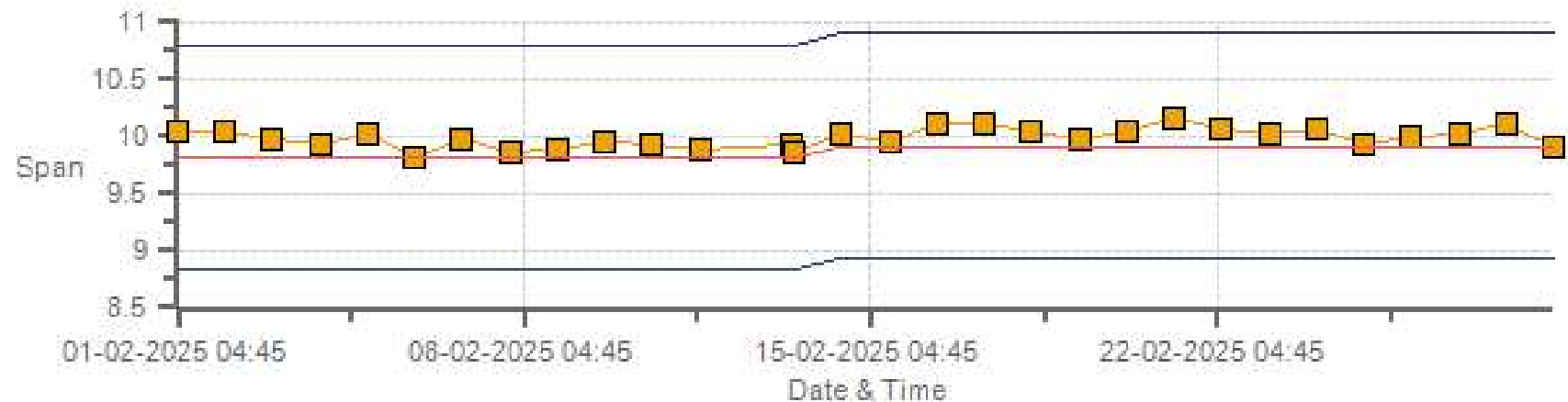
Span Span Ref Span Low Span High

CH4[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Zero



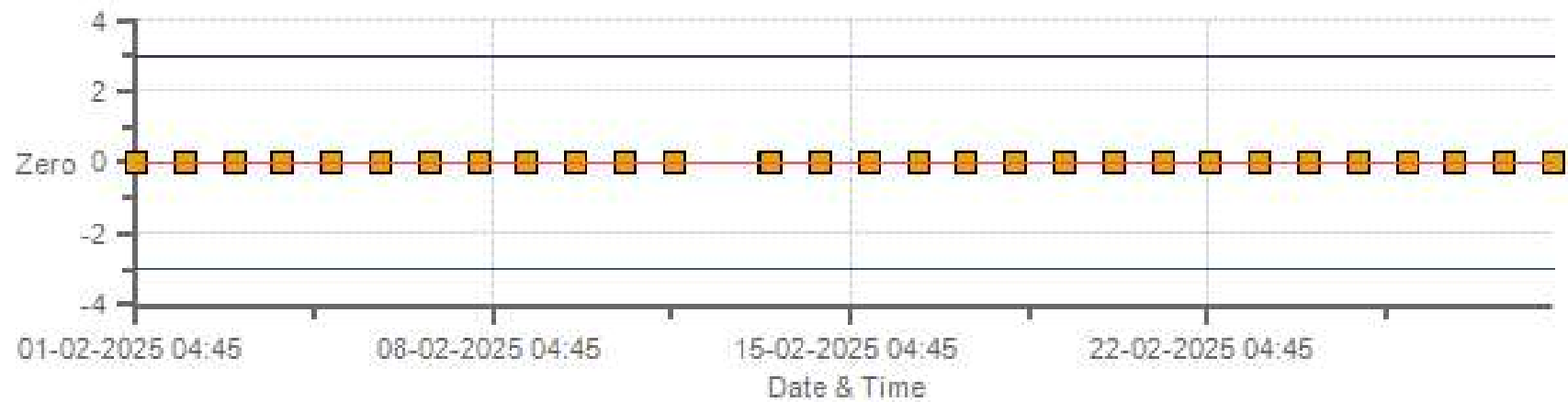
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Span



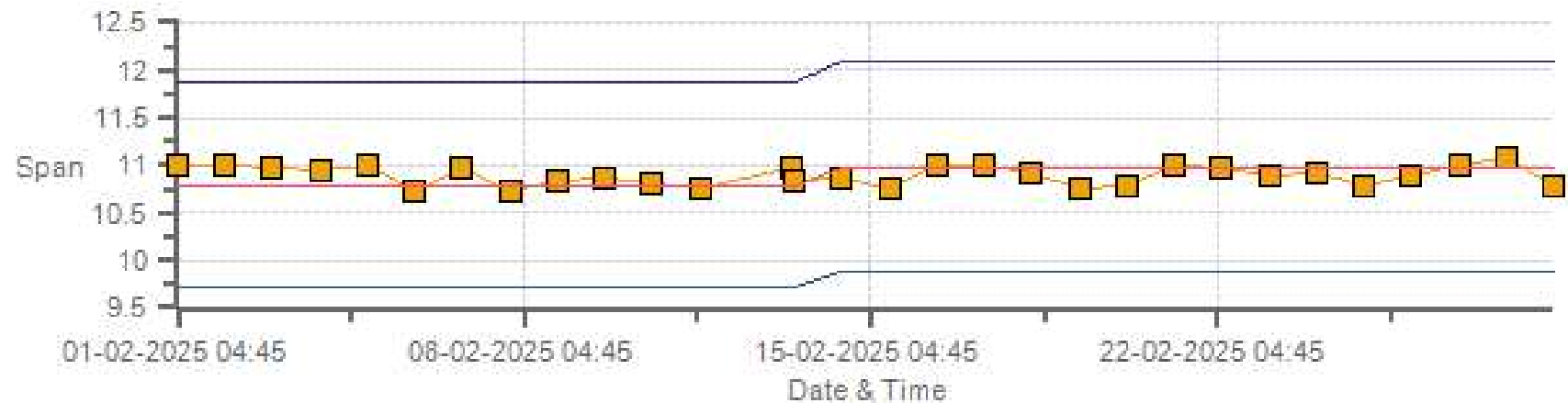
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: PRAMP 842-B Monthly: 02-2025 Type: SpanAndZero - Span



Span Span Ref Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	12-Feb-2025	PREVIOUS CALIBRATION DATE:	08-Jan-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.999
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6
LOCATION:	842b	BAROMETRIC (mBar):	934
PURPOSE:	Routine	START TIME (MST):	14:08
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	19:34

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500 ppb
SERIAL #	1200736629	FLOW (mL/min)	424
INITIAL		FINAL	
BKG/OFFSET	9.1	BKG/OFFSET	9.2
COEF/SLOPE	1.142	COEF/SLOPE	1.135
Expected (reference) Value	242.3	Expected (reference) Value	244.1

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002518	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1500	LOW ID	n/a
EXPIRY DATE	14-Feb-2028	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	390	190	95
RANGE	300 - 400	150 - 200	50 - 100

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000	60.60	4000	0.00	0.1	0	1.000	1.000
3938	60.60	3999	380.36	380.6	380.3	1.000	1.000
3970	28.70	3999	180.14	n/a	182	n/a	0.990
3986	14.40	4000	90.36	n/a	90.8	n/a	0.995

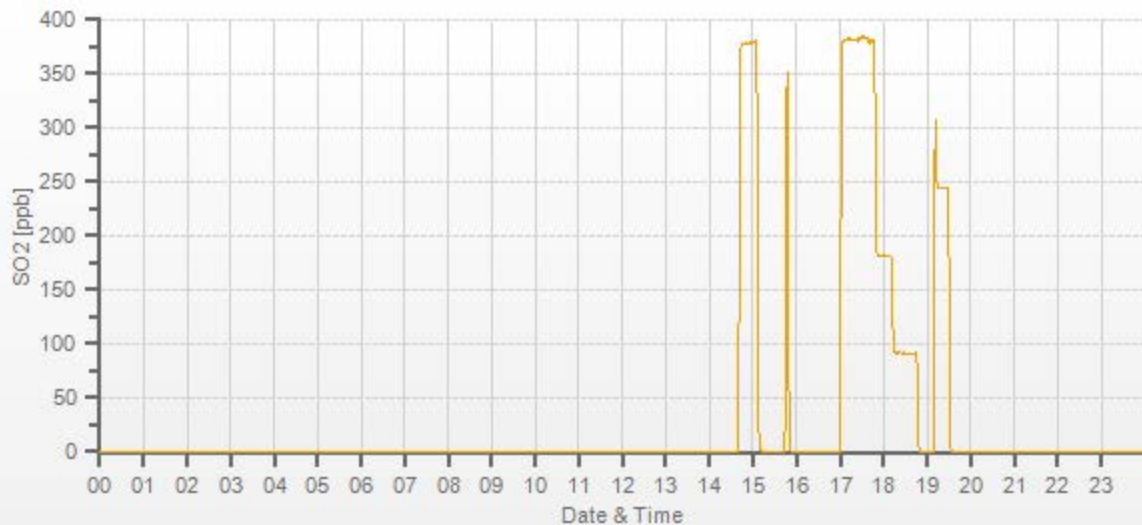
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	0.1%

COMMENTS:

Sample Filter Changed

SO2[ppb] Station: PRAMP 842-B Daily: 2025-02-12 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01561

TRS Analyzer Calibration by Dilution



DATE:	12-Feb-2025	PREVIOUS CALIBRATION DATE:	08-Jan-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6
LOCATION:	842b	BAROMETRIC (mBar):	934
PURPOSE:	Routine	START TIME (MST):	14:08
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	18:49

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	1200736630	FLOW (mL/min)	377
INITIAL		FINAL	
BKG/OFFSET	16.2	BKG/OFFSET	n/a
COEF/SLOPE	0.963	COEF/SLOPE	n/a
Expected (reference) Value	49.86	Expected (reference) Value	n/a

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

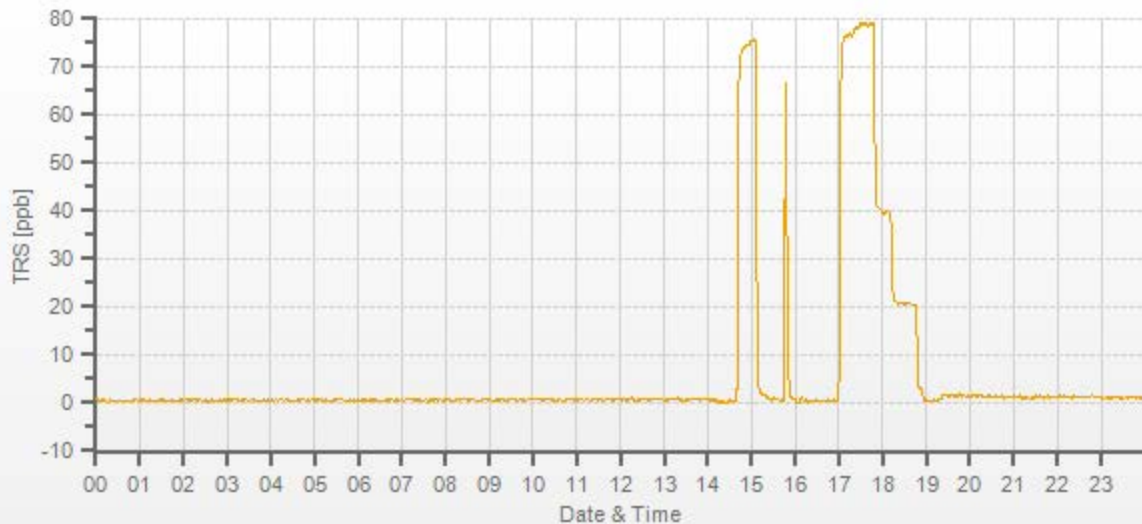
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000	30.90	4000	0.00	-0.34	0	1.032	0.995
3968	30.90	3999	77.96	75.24	78.34	1.032	0.995
3984	15.10	3999	38.10	n/a	39.34	n/a	0.968
3993	7.50	4000	18.92	n/a	20.07	n/a	0.943

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.969	-0.3%

COMMENTS:

Sample Filter Changed
Calibration failed at low point - scrubber beads will be replaced



TRS Analyzer Calibration by Dilution



DATE:	13-Feb-2025	PREVIOUS CALIBRATION DATE:	n/a
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	n/a
CLIENT:	PRAMP	TEMPERATURE (°C):	25.3
LOCATION:	842b	BAROMETRIC (mBar):	942
PURPOSE:	Install/Post-Repair	START TIME (MST):	15:44
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	19:15

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	1200736630	FLOW (mL/min)	379
INITIAL		FINAL	
BKG/OFFSET	n/a	BKG/OFFSET	16.8
COEF/SLOPE	n/a	COEF/SLOPE	0.944
Expected (reference) Value	n/a	Expected (reference) Value	50.53

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	16:17	SO2 Conc (ppb)	380
END TIME:	16:32	Analyzer Response (ppb)	0.1

CALIBRATION:

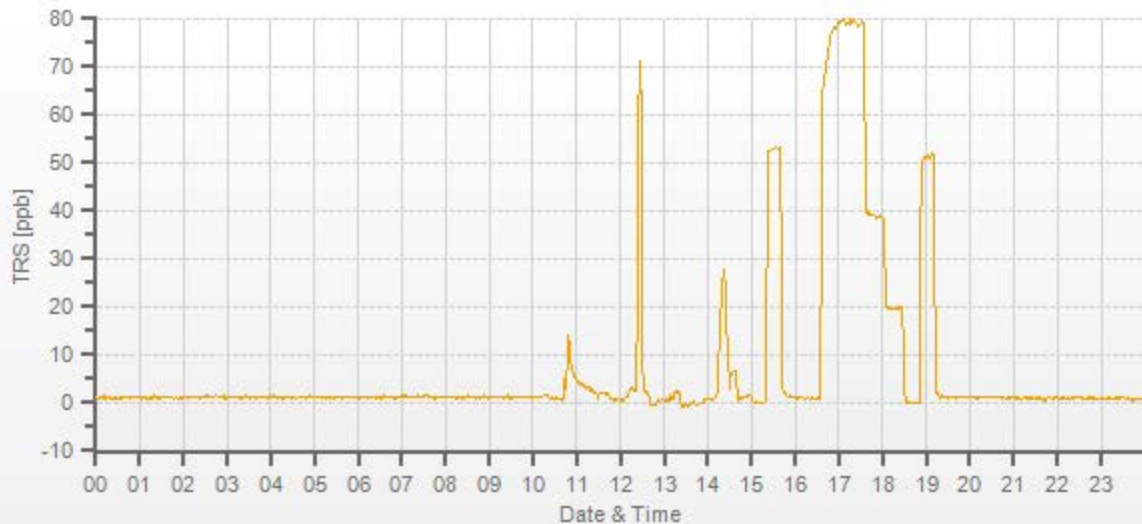
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000	30.90	4000	0.00	n/a	0	n/a	1.003
3968	30.90	3999	77.96	n/a	77.7	n/a	1.003
3984	15.10	3999	38.10	n/a	37.57	n/a	1.014
3993	7.50	4000	18.92	n/a	18.8	n/a	1.006

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.996	-0.1%

COMMENTS:

Scrubber beads renewed
Initial scrubber check failed. Beads changed again.



Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	13-Feb-2025	PREVIOUS CALIBRATION DATE:	08-Jan-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6		Thermo 55i	12208316589	1064
LOCATION:	842b	BAROMETRIC (mBar):	934	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	10:11	RANGE (ppm):	20	20	40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:31	PREVIOUS CF:	0.999	0.992	0.995

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL68768	HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH ₄ /C ₃ H ₈ (ppm):	897.0 301.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	1087	CYLINDER (psi):	400	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1724.75	New Zero Chrom?	No

EXPECTED (REFERENCE) VALUE:

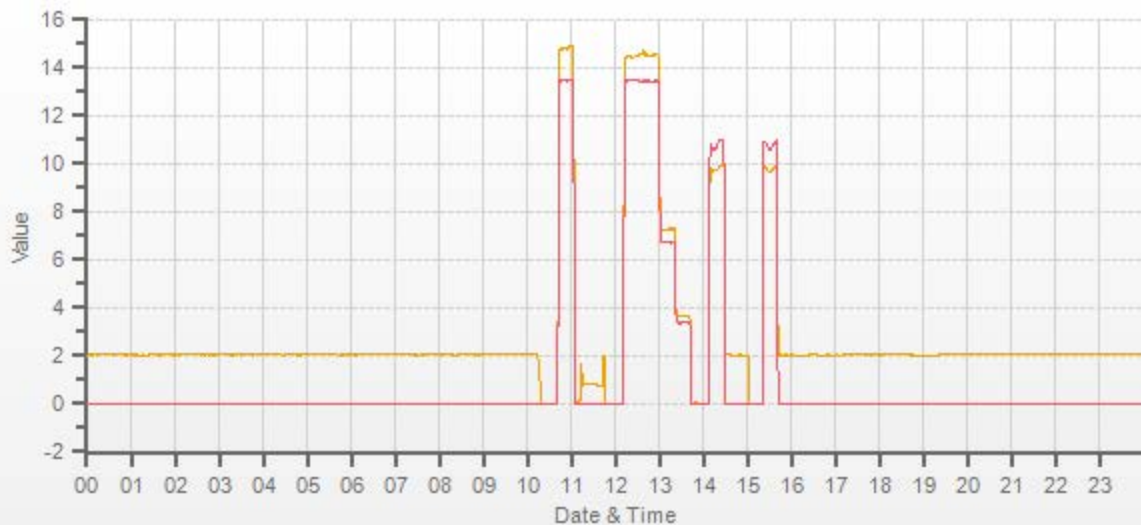
INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	9.82	10.79	20.61		9.92	10.98	20.91

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3501	3501	3501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.978	0.996	0.986	1.003	1.000	1.002
3443	56.80	3500	14.56	13.43	27.99	14.89	13.49	28.39	14.51	13.43	27.94	0.978	0.996	0.986	1.003	1.000	1.002
3473	28.40	3501	7.28	6.71	13.99	n/a	n/a	n/a	7.30	6.73	14.03	n/a	n/a	n/a	0.997	0.998	0.997
3488	14.20	3502	3.64	3.36	6.99	n/a	n/a	n/a	3.68	3.39	7.07	n/a	n/a	n/a	0.988	0.990	0.989

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT	Comments: Sample filter changed Station zero air was used in the calibration
CH ₄	1.000	0.996	0.2%	
NMHC	1.000	0.999	0.1%	
THC	1.000	0.997	0.1%	



CAL-PRAMP-202502-01561

Meteorological System Checklist



Date:	February 12, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP 842b		
Unit:	Make:	Model:	Serial #:
Precipitation Sampler:	RM Young	52202	TB 15878
Temperature Sensor:	Rotronic	HC2A-S3	24010202
Barometric Pressure Sensor:	MetOne	92	Y23362
Relative Humidity Sensor:	Rotronic	HC2A-S3	24010202
Anemometer:	RM Young	05305AQ	174802
AMBIENT TEMPERATURE SENSOR CHECK			
Previous check date:	January 8, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	F.S. 181341226 expires July 24, 2025		
Reference Temperature (°C):	-19.9		
Station - Ambient Temperature (°C):	-18.8		
Temperature Difference (°C):	1.1		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	January 8, 2025		
Reference Barometer ID:	Brunton 05535 Expires July 24, 2025		
Reference Pressure - Units/Reading:	millibar	937	
Station Pressure - Units/Reading:	millibar	936.7	
Pressure Tolerance +/- 15% of error:	796 - 1078	0.03%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	January 8, 2025		
Reference Hygrometer ID:	F.S. 181341226 expires July 24, 2025		
Reference Hygrometer % RH- Reading:	80.40		
Station Hygrometer % RH- Reading:	78.70		
RH Tolerance +/- 15% of difference:	68.34 - 92.46	2.1%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Wind Speed Observed (kph):	5~10	Wind Direction Observed:	NW
Wind speed on Data Logger (kph):	6.5	Wind Direction on Data Logger:	NW
		Wind Direction Pass/Fail?:	Pass
Comments			



Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	Performed By:	Chris Wesson
Audit Location:	842b	Reviewed By:	Limin Li
Audit Date:	August 22, 2024	Start/End Time (mst):	14:11 - 15:14
Calibration Purpose:	routine annual	Weather Conditions:	Mainly sunny

Wind Sensor Information

Sensor ID Data:		Sensor Outputs:	
Sensor Make:	RM Young	Velocity Voltage Output Range:	n/a
Sensor Model:	05305AQ	Velocity Unit Output Range:	0-200
Serial #:	174802	Direction Voltage Output Range:	n/a
Previous Cal/Audit Date:	August 3, 2023	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# R9133 expires Oct 18, 2024

Wind Speed Audit Data **+/- 2% of the average correction factor is the limit**

RPM	Wind Speed Generated kph	Clockwise Wind Speed kph	Counter Clockwise Wind Speed kph	Correction Factor
0	0	0.0	0.0	-
1000	18.4	18.3	18.3	1.007
2000	36.9	36.7	36.7	1.004
3000	55.3	55.1	55.1	1.003
4000	73.7	73.6	73.6	1.002
5000	92.2	92.0	92.0	1.002
6000	110.6	110.5	110.5	1.001
7000	129.0	128.9	128.9	1.001
8000	147.4	147.3	147.3	1.001
9000	165.9	165.8	165.8	1.000
10000	184.3	184.2	184.2	1.001
The audit meets AMD requirements.			Average Correction Factor=	1.002

Wind Direction Audit Data **+/- 3° of the absolute average degrees difference for all points is the limit**

Generated Wind Direction 0-360 (Up)	Generated Wind Direction 360-0 (Down)	Indicated Wind Direction 0-360 (Up)	Indicated Wind Direction 360-0 (Down)	Degrees Difference 0-360 (Up)	Degrees Difference 360-0 (Down)	Average Absolute Degrees Difference
0	355	1	354	1.0	1.0	1.0
30	330	28	333	2.0	-3.0	2.5
60	300	57	305	3.0	-5.0	4.0
90	270	86	275	4.0	-5.0	4.5
120	240	115	244	5.0	-4.0	4.5
150	210	145	209	5.0	1.0	3.0
180	180	177	178	3.0	2.0	2.5
210	150	208	147	2.0	3.0	2.5
240	120	242	116	-2.0	4.0	3.0
270	90	275	86	-5.0	4.0	4.5
300	60	304	57	-4.0	3.0	3.5
330	30	332	28	-2.0	2.0	2.0
355	0	354	2	1.0	2.0	1.5
The audit meets AMD requirements.			Average Absolute Degrees Difference=		3.0	

Comments:

Declination = 15 deg East
Horizontal bearings replaced
Potentiometer noisy. Replacement required.

END OF REPORT



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring Calibration Report

- 986-C STATION-

CAL-PRAMP-202502-01562

Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

March 17, 2025

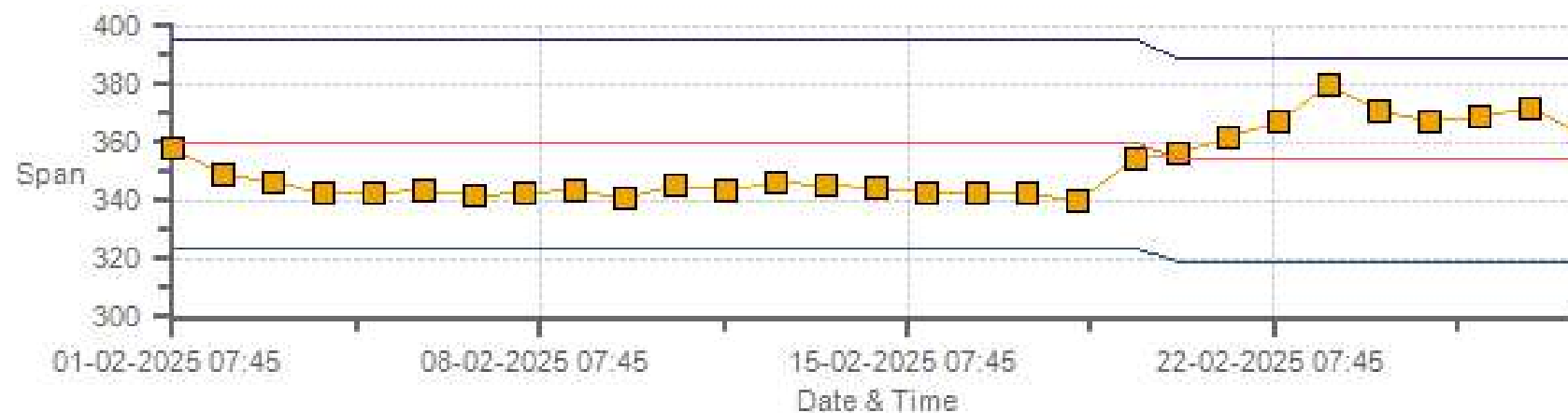
DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

SO2[ppb] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

TRS[ppb] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Zero



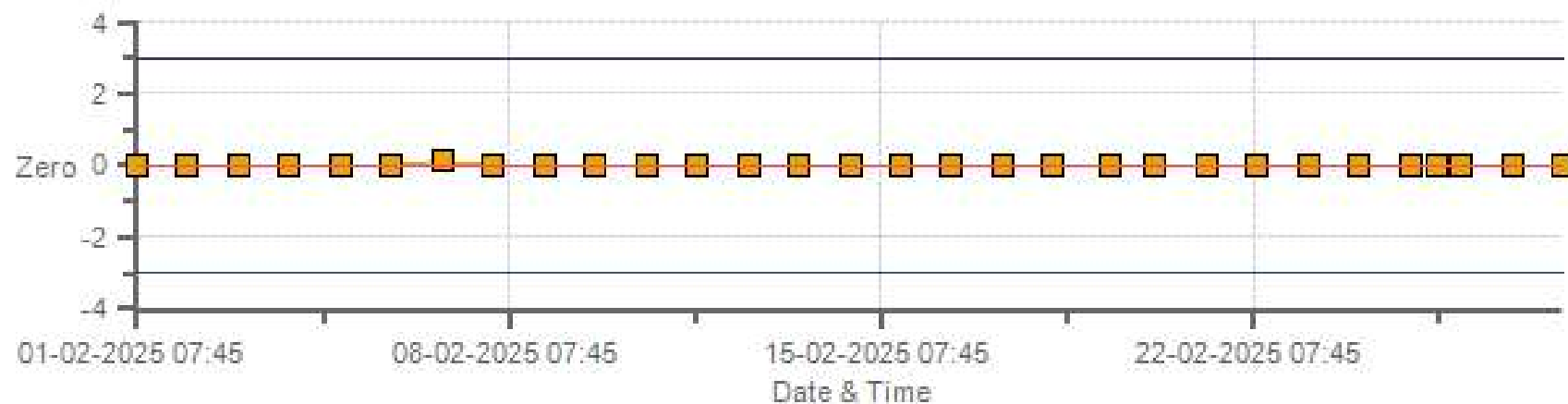
Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Span



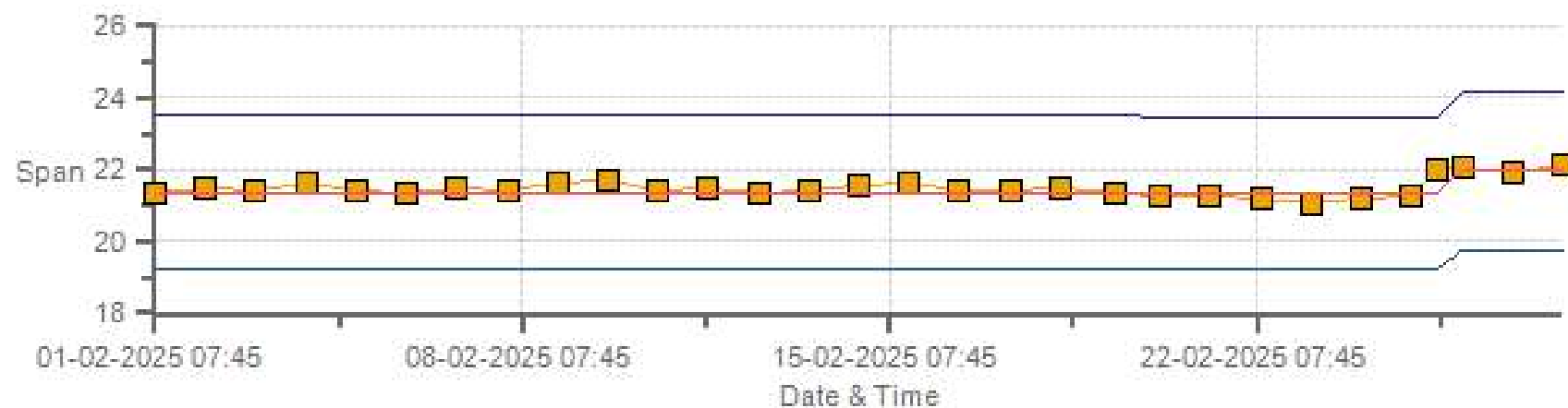
Span SpanRef Span Low Span High

THC55[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Zero



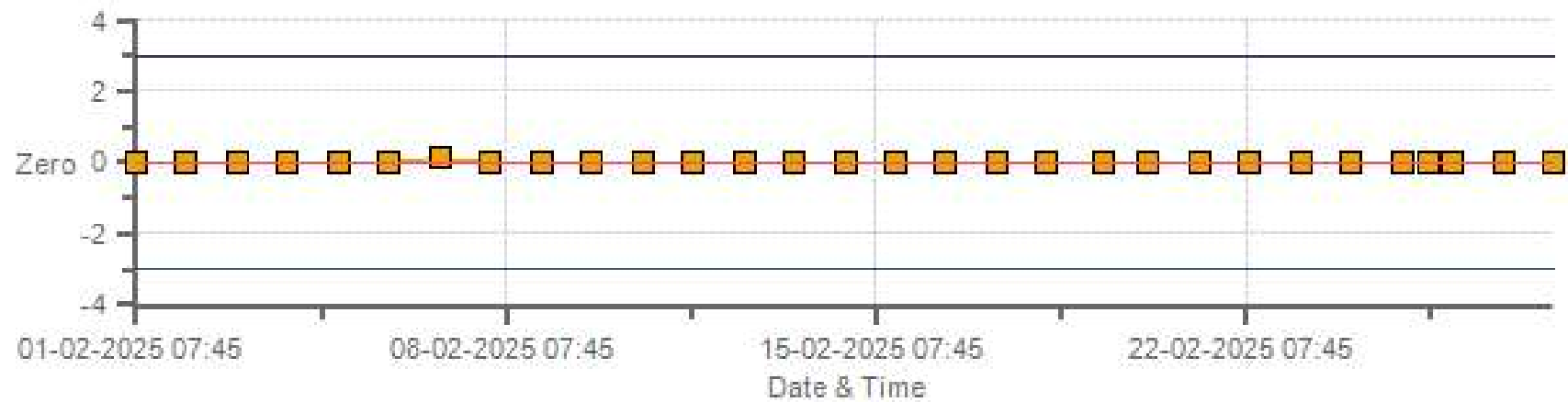
Zero Zero Ref Zero Low Zero High

THC55[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Span



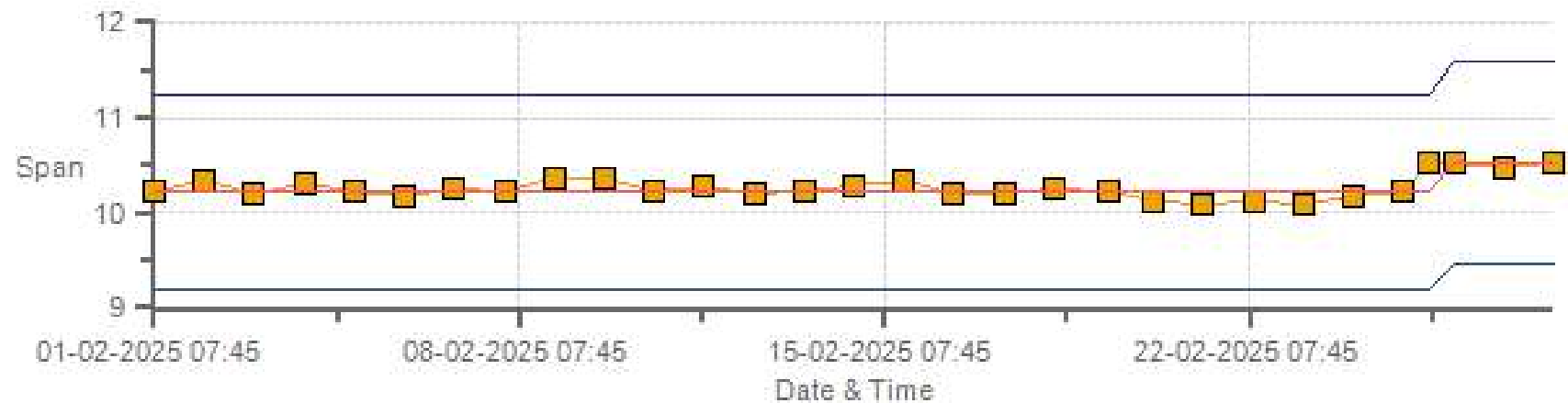
Span Span Ref Span Low Span High

CH4[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Zero



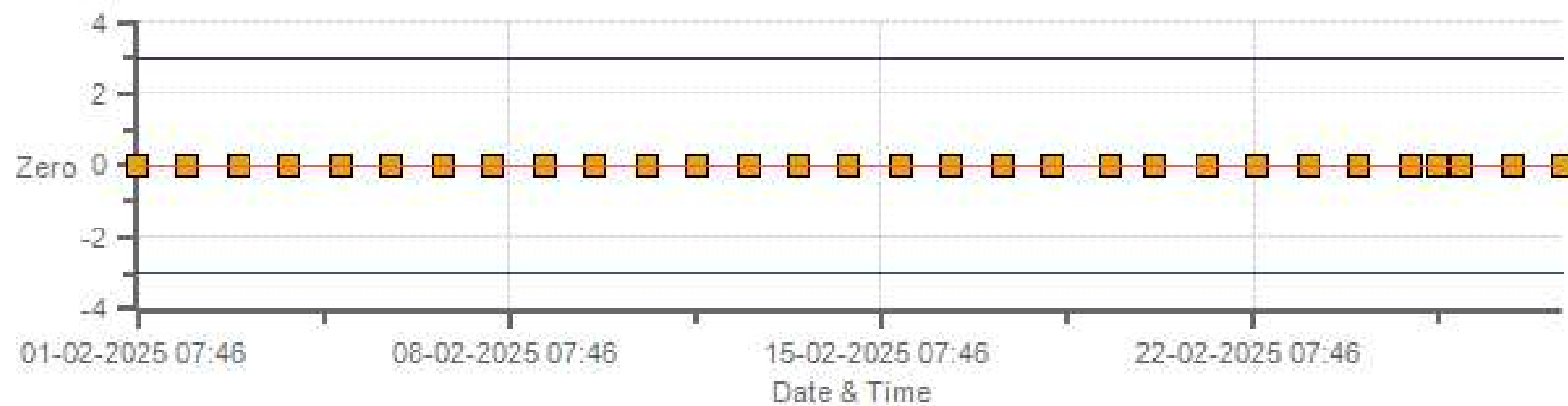
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Span



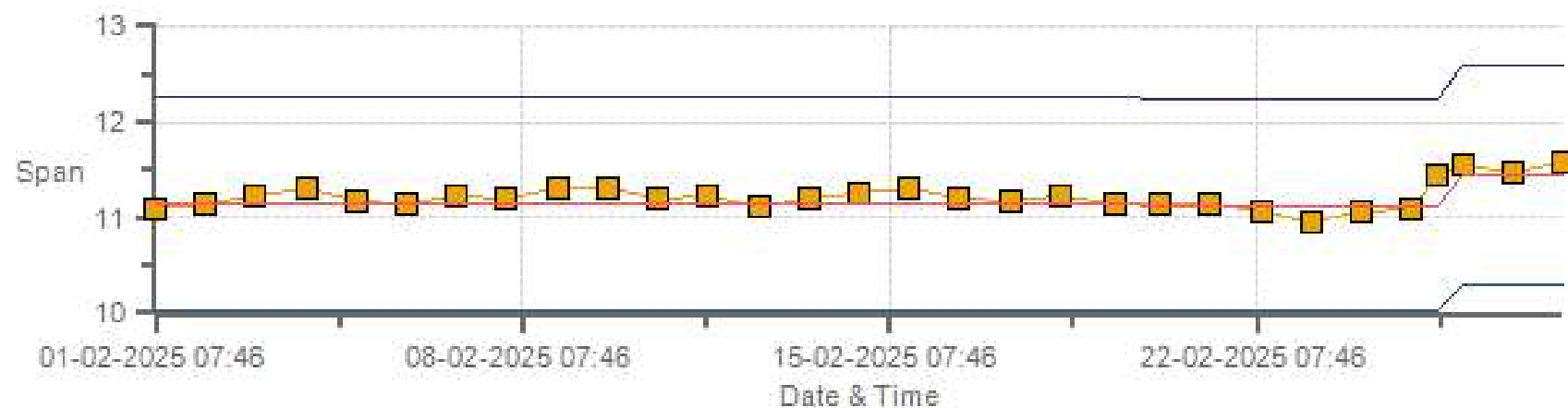
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: PRAMP 986-C Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	19-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.999
CLIENT:	PRAMP	TEMPERATURE (°C):	24.5
LOCATION:	986C	BAROMETRIC (mBar):	943
PURPOSE:	Routine	START TIME (MST):	11:18
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:07

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500 ppb
SERIAL #	1193585646	FLOW (mL/min)	436
INITIAL		FINAL	
BKG/OFFSET	21.3	BKG/OFFSET	20.8
COEF/SLOPE	1.041	COEF/SLOPE	1.058
Expected (reference) Value	359.9	Expected (reference) Value	354.1

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002518	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1500	LOW ID	n/a
EXPIRY DATE	14-Feb-2028	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	390	190	95
RANGE	300 - 400	150 - 200	50 - 100

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999	60.60	3999	0.00	-0.4	0	1.014	0.996
3939	60.60	4000	380.27	374.6	381.7	1.014	0.996
3972	28.70	4001	180.05	n/a	183	n/a	0.984
3992	14.40	4006	90.22	n/a	92.3	n/a	0.978

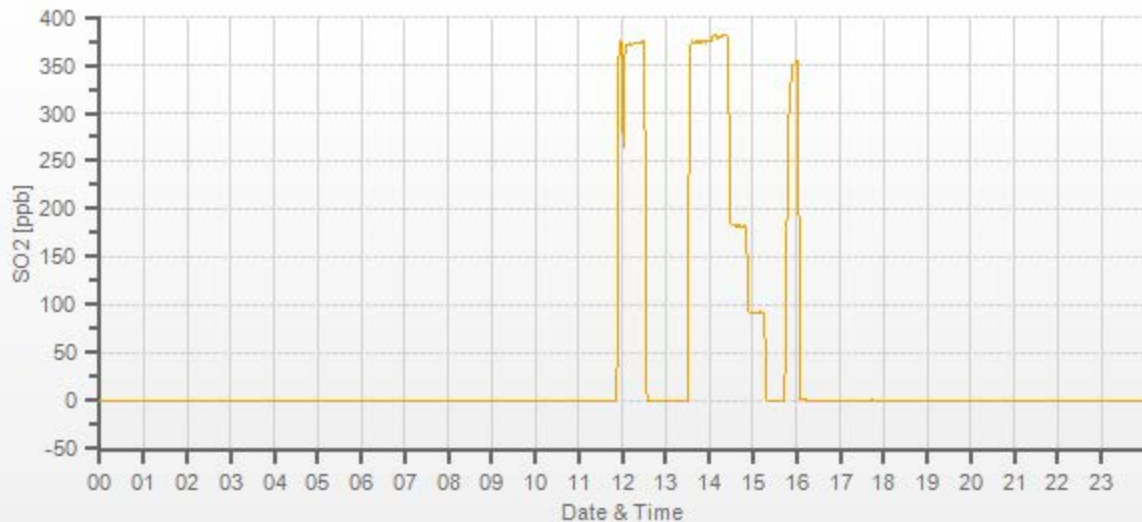
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.003	0.2%

COMMENTS:

Sample Filter Changed
12:00 = Daily ZS. AS-found high restarted

SO2[ppb] Station: PRAMP 986-C Daily: 2025-02-19 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01562

TRS Analyzer Calibration by Dilution



DATE:	19-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	1.004
CLIENT:	PRAMP	TEMPERATURE (°C):	24.5
LOCATION:	986C	BAROMETRIC (mBar):	943
PURPOSE:	Routine	START TIME (MST):	11:18
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:07

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	1191833341	FLOW (mL/min)	425
INITIAL		FINAL	
BKG/OFFSET	19.5	BKG/OFFSET	22.8
COEF/SLOPE	1.077	COEF/SLOPE	1.182
Expected (reference) Value	58.04	Expected (reference) Value	56.15

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999	30.90	3999	0.00	-1.3	0	1.098	1.007
3969	30.90	4000	77.95	69.71	77.37	1.098	1.007
3986	15.10	4001	38.08	n/a	38.16	n/a	0.998
3992	7.50	3999	18.92	n/a	19.36	n/a	0.977

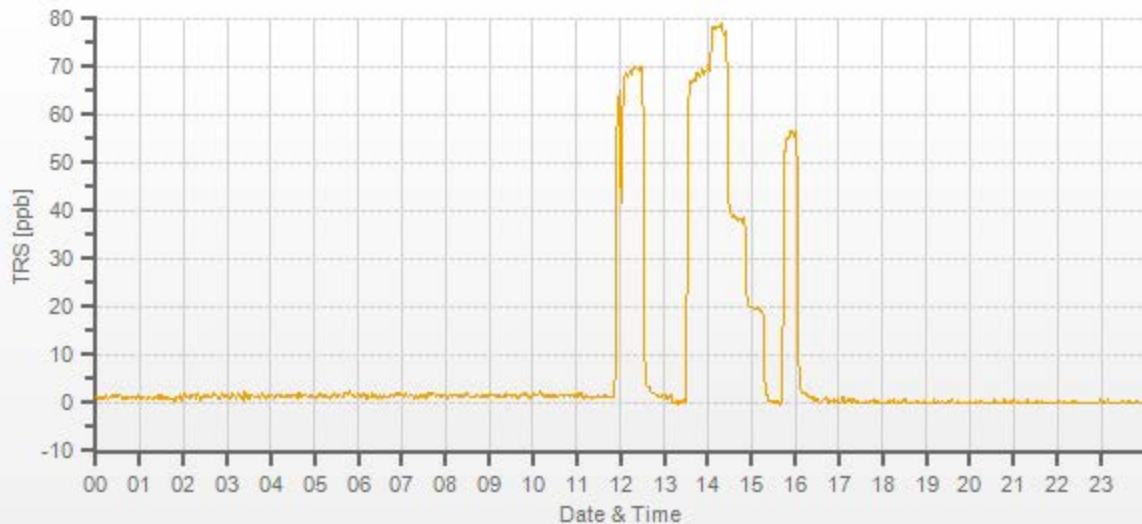
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.991	0.3%

COMMENTS:

Sample Filter Changed
12:00 = Daily ZS. AS-found high restarted

TRS[ppb] Station: PRAMP 986-C Daily: 2025-02-19 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01562

TRS Analyzer Calibration by Dilution



DATE:	25-Feb-2025	PREVIOUS CALIBRATION DATE:	19-Feb-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	1.007
CLIENT:	PRAMP	TEMPERATURE (°C):	24.8
LOCATION:	986C	BAROMETRIC (mBar):	931
PURPOSE:	Repeat	START TIME (MST):	14:30
PERFORMED BY:	Limin Li	END TIME (MST):	18:12

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	1191833341	FLOW (mL/min)	422
INITIAL		FINAL	
BKG/OFFSET	23	BKG/OFFSET	21
COEF/SLOPE	1.182	COEF/SLOPE	1.101
Expected (reference) Value	56.15	Expected (reference) Value	60.17

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Sabio
MODEL:	2010	MODEL:	2020EXP
ID:	042531101	ID:	18500921
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131372	HIGH ID	n/a
CONC (ppm):	10.14	EXPIRY DATE	n/a
CYLINDER (psi):	1600	LOW ID	n/a
EXPIRY DATE	22-Mar-2027	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
7500	57.70	7500	0.00	-0.93	0.03	0.924	0.999
7442	57.70	7500	78.01	83.5	78.1	0.924	0.999
7472	28.10	7500	37.99	n/a	38.28	n/a	0.993
7486	14.10	7500	19.06	n/a	18.93	n/a	1.009

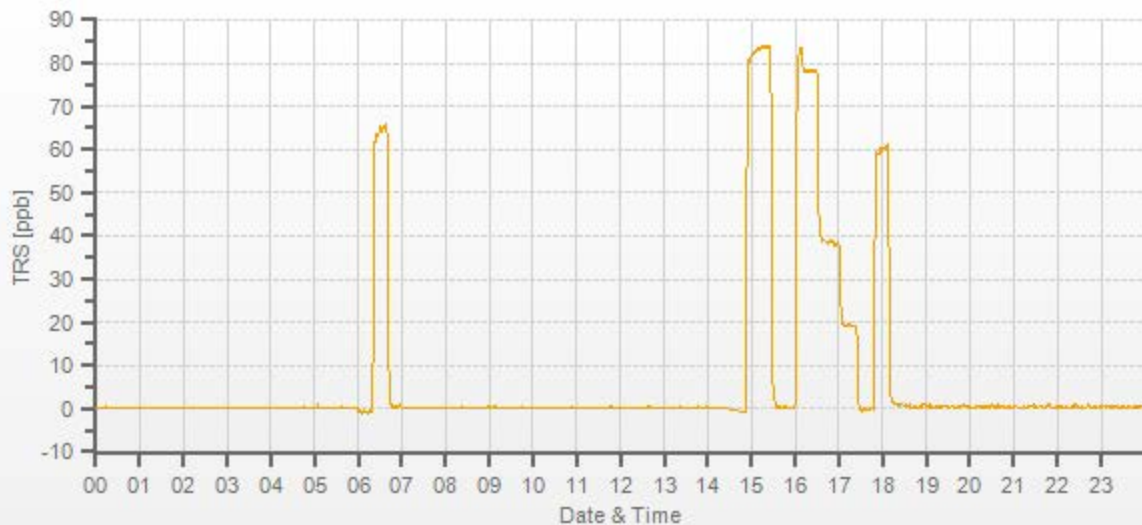
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.002	0.0%

COMMENTS:

TRS Converter CDNOVA CDN101 #530. UV lamp unstable. Lamp voltage change 820~975 fastly.

TRS[ppb] Station: PRAMP 986-C Daily: 2025-02-25 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01562

Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	19-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	24.5		Thermo 55i	1191032505	1075
LOCATION:	986C	BAROMETRIC (mBar):	943	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	11:18	RANGE (ppm):	20	20	40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	15:23	PREVIOUS CF:	1.000	0.999	1.000

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL68768	HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH ₄ /C ₃ H ₈ (ppm):	897.0 301.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	80	CYLINDER (psi):	400	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1724.75	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	10.22	11.14	21.36		10.22	11.13	21.35

CALIBRATION:

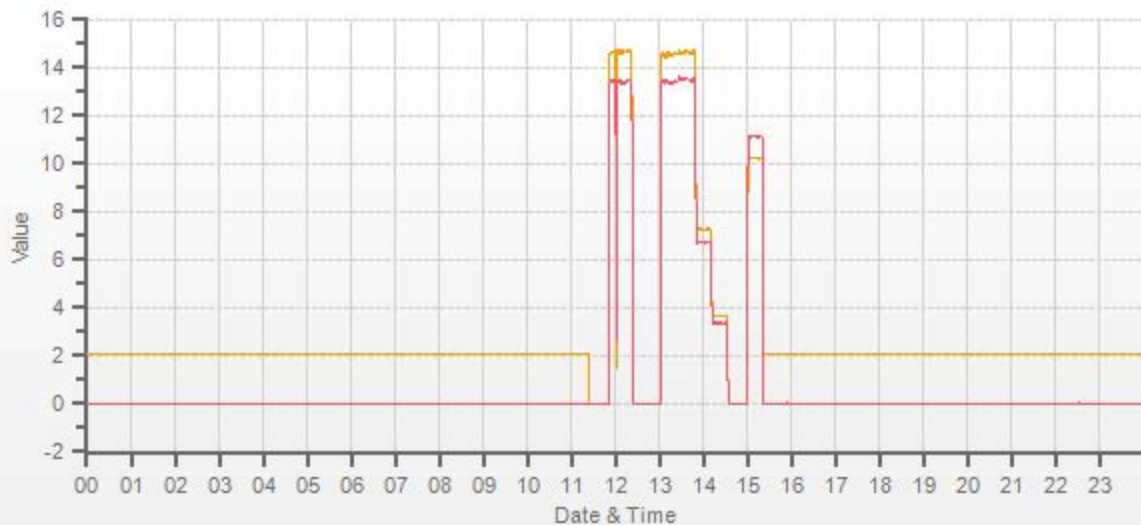
FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3500		3500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3443	56.80	3500	14.56	13.43	27.99	14.71	13.46	28.18	14.63	13.48	28.12	0.990	0.998	0.993	0.995	0.997	0.995
3473	28.40	3501	7.28	6.71	13.99	n/a	n/a	n/a	7.26	6.72	13.98	n/a	n/a	n/a	1.002	0.999	1.001
3487	14.20	3501	3.64	3.36	7.00	n/a	n/a	n/a	3.65	3.38	7.03	n/a	n/a	n/a	0.997	0.993	0.995

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH ₄	1.000	1.005	-0.1%
NMHC	1.000	1.003	0.0%
THC	1.000	1.004	0.0%

Comments:

Sample Filter Changed
12:00 = daily ZS. As-found high restarted



CAL-PRAMP-202502-01562

Page 16 of 21
CH4 [ppm] NMHC [ppm]

Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	25-Feb-2025	PREVIOUS CALIBRATION DATE:	19-Feb-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	25.0		Thermo 55i	1191032505	1039
LOCATION:	986C	BAROMETRIC (mBar):	931	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Repeat	START TIME (MST):	14:48	RANGE (ppm):	20	20	40
PERFORMED BY:	Limin Li	END TIME (MST):	18:38	PREVIOUS CF:	0.995	0.997	0.995

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Sabio	CYLINDER ID:	LL83907	HIGH ID:	n/a
MODEL:	2010	MODEL:	2020EXP	CH ₄ /C ₃ H ₈ (ppm):	895.0 301.0	HIGH EXPIRY:	n/a
ID:	17200415	ID:	18500921	CYLINDER (psi):	600	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	111	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1722.75	New Zero Chrom?	Yes

EXPECTED (REFERENCE) VALUE:

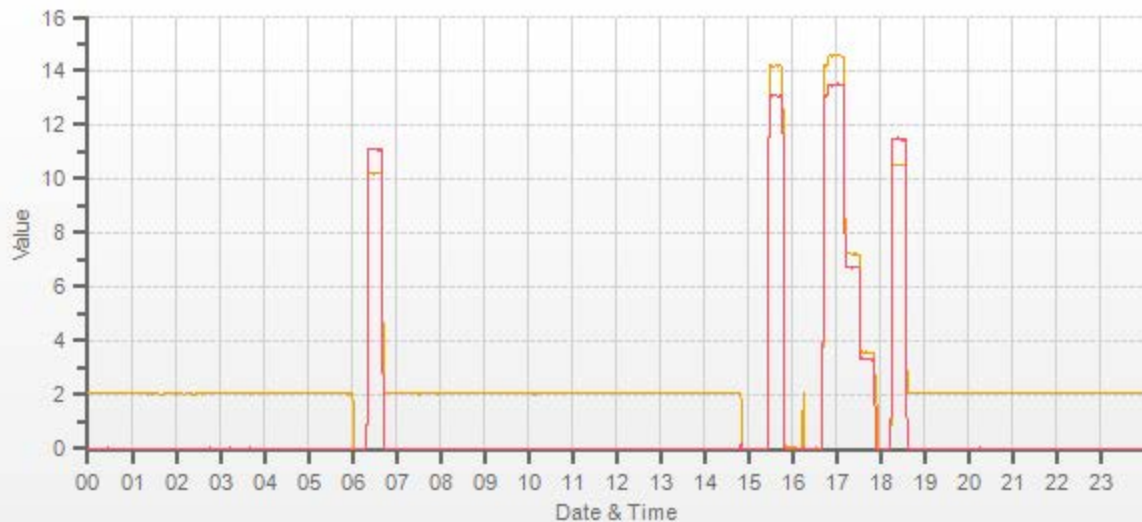
INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	10.22	11.13	21.35		10.53	11.45	21.97

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3500		3500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3443	56.90	3500	14.55	13.46	28.01	14.14	13.10	27.24	14.55	13.48	28.03	1.029	1.027	1.028	1.000	0.998	0.999
3472	28.40	3500	7.26	6.72	13.98	n/a	n/a	n/a	7.21	6.73	13.94	n/a	n/a	n/a	1.007	0.998	1.003
3486	14.20	3500	3.63	3.36	6.99	n/a	n/a	n/a	3.58	3.36	6.94	n/a	n/a	n/a	1.014	0.999	1.007

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT	Comments:
CH ₄	1.000	1.001	-0.2%	
NMHC	1.000	1.002	0.0%	
THC	1.000	1.001	-0.1%	



CAL-PRAMP-202502-01562

Meteorological System Checklist



Date:	February 19, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP 986c		
Unit:	Make:	Model:	Serial #:
Precipitation Sampler:	RM Young	52202	TB 16325
Temperature Sensor:	Rotronic	HC2-32	20626912
Barometric Pressure Sensor:	MetOne	092	Y23358
Relative Humidity Sensor:	Rotronic	HC2-S3	20626912
Anemometer:	RM Young	05305AQ	180340
PRECIPITATION SENSOR CHECK			
Checklist:	Reply:	Comments:	
Previous check date:	January 23, 2025	Tested:14:56-14:59	
Is the sensor Level?	yes		
Is the heater operating properly?	yes		
Are the bucket drain holes clean?	yes		
Is the screen on the housing? (screen should be on between July and September)	no		
Is the housing clean?	yes		
Is the area around the housing clean and free from obstacles?	yes		
TIP TEST - Slowly pour water until 10 tips are heard. (10 tips = 1 mm)			
# of Tips	Data Logger Response (mm):	Manual Specification = +/- 0.1 mm	
10	1.0	0.00	
AMBIENT TEMPERATURE SENSOR CHECK			
Previous check date:	January 23, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	F.S. 181341226 expires July 24, 2025		
Reference Temperature (°C):	-11.0		
Station - Ambient Temperature (°C):	-11.3		
Temperature Difference (°C):	0.3		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	January 23, 2025		
Reference Barometer ID:	Brunton 05535 Expires July 24,2025		
Reference Pressure - Units/Reading:	millibar	940	
Station Pressure - Units/Reading:	millibar	939.3	
Pressure Tolerance +/- 15% of error:	799 - 1081	0.07%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	January 23, 2025		
Reference Hygrometer ID:	F.S. 181341226 expires July 24, 2025		
Reference Hygrometer % RH- Reading:	51.60		
Station Hygrometer % RH- Reading:	52.70		
RH Tolerance +/- 15% of difference:	43.86 - 59.34	-2.1%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	January 23, 2025	Previous check date:	January 23, 2025
Wind Speed Observed (kph):	5~10	Wind Direction Observed:	E
Wind speed on Data Logger (kph):	8.7	Wind Direction on Data Logger:	E
		Wind Direction Pass/Fail?:	Pass
Comments			
No issues			



Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	Performed By:	Chris Wesson
Audit Location:	986C	Reviewed By:	Limin Li
Audit Date:	August 22, 2024	Start/End Time (mst):	17:37 / 18:34
Calibration Purpose:	routine annual	Weather Conditions:	Mainly sunny

Wind Sensor Information

Sensor ID Data:		Sensor Outputs:	
Sensor Make:	RM Young	Velocity Voltage Output Range:	n/a
Sensor Model:	05305AQ	Velocity Unit Output Range:	0-200
Serial #:	180340	Direction Voltage Output Range:	n/a
Previous Cal/Audit Date:	August 3, 2023	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# R9133 expires Oct 18, 2024

Wind Speed Audit Data **+/- 2% of the average correction factor is the limit**

RPM	Wind Speed Generated kph	Clockwise Wind Speed kph	Counter Clockwise Wind Speed kph	Correction Factor
0	0	0.0	0.0	-
1000	18.4	18.3	18.3	1.007
2000	36.9	36.7	36.7	1.004
3000	55.3	55.1	55.1	1.003
4000	73.7	73.6	73.6	1.002
5000	92.2	92.0	92.0	1.002
6000	110.6	110.5	110.5	1.001
7000	129.0	128.9	128.9	1.001
8000	147.4	147.3	147.3	1.001
9000	165.9	165.8	165.8	1.000
10000	184.3	184.2	184.2	1.001
The audit meets AMD requirements.			Average Correction Factor=	1.002

Wind Direction Audit Data **+/- 3° of the absolute average degrees difference for all points is the limit**

Generated Wind Direction 0-360 (Up)	Generated Wind Direction 360-0 (Down)	Indicated Wind Direction 0-360 (Up)	Indicated Wind Direction 360-0 (Down)	Degrees Difference 0-360 (Up)	Degrees Difference 360-0 (Down)	Average Absolute Degrees Difference
0	355	2	354	2.0	1.0	1.5
30	330	30	329	0.0	1.0	0.5
60	300	58	302	2.0	-2.0	2.0
90	270	87	270	3.0	0.0	1.5
120	240	118	238	2.0	2.0	2.0
150	210	146	206	4.0	4.0	4.0
180	180	175	176	5.0	4.0	4.5
210	150	206	146	4.0	4.0	4.0
240	120	238	118	2.0	2.0	2.0
270	90	271	88	-1.0	2.0	1.5
300	60	302	58	-2.0	2.0	2.0
330	30	331	32	-1.0	-2.0	1.5
355	0	354	2	1.0	2.0	1.5
The audit meets AMD requirements.			Average Absolute Degrees Difference=		2.2	

Comments:

Declination = 15 deg East
Physical inspection completed, no issues
Potentiometer noisy, replacement needed

END OF REPORT



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring Calibration Report

- RENO-B STATION-

CAL-PRAMP-202502-01563

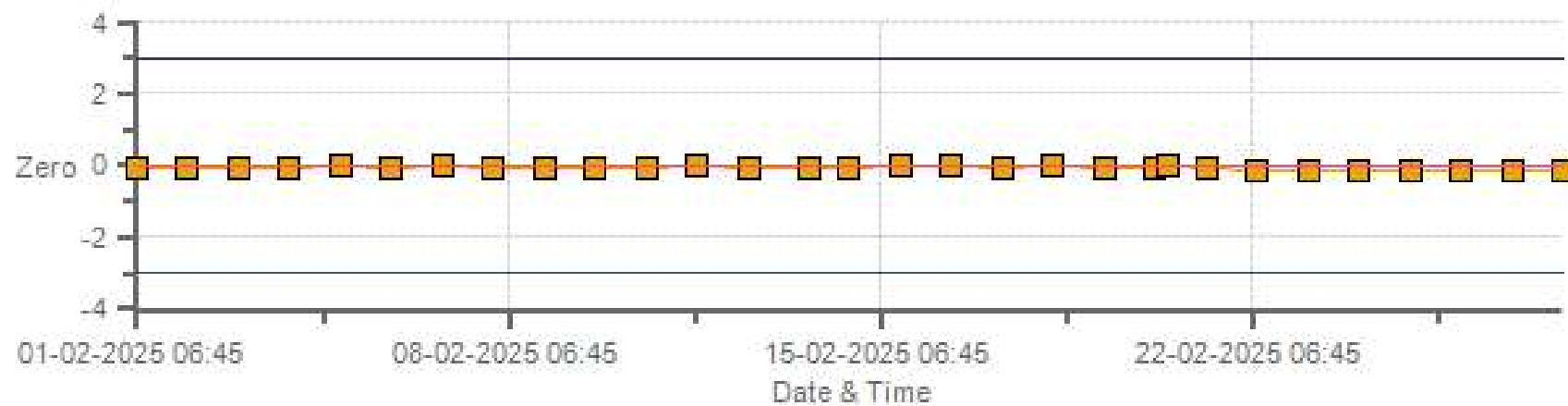
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

March 17, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Zero



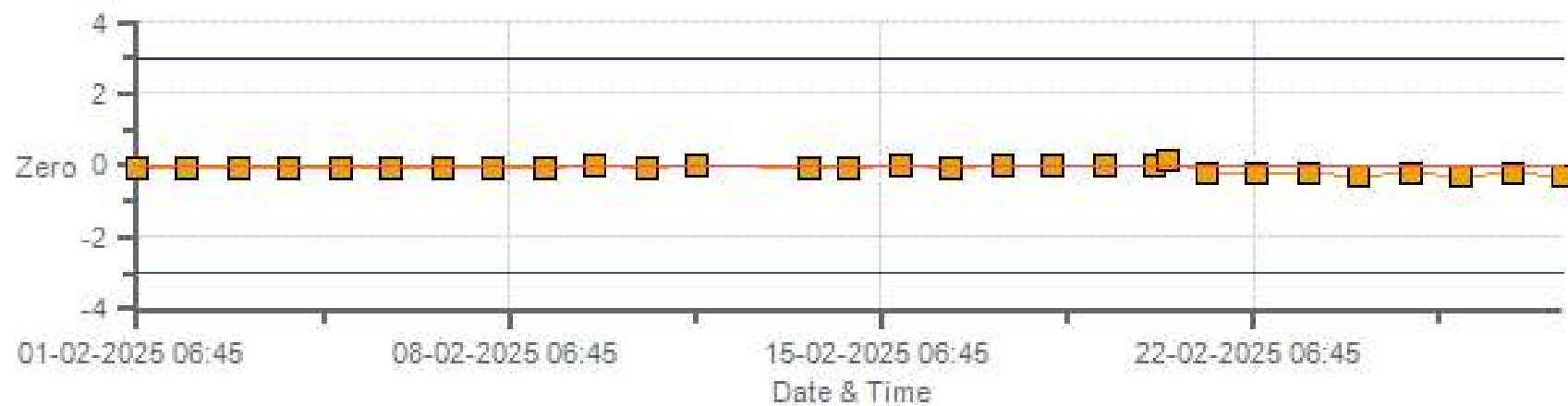
Zero Zero Ref Zero Low Zero High

SO2[ppb] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

TRS[ppb] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Zero



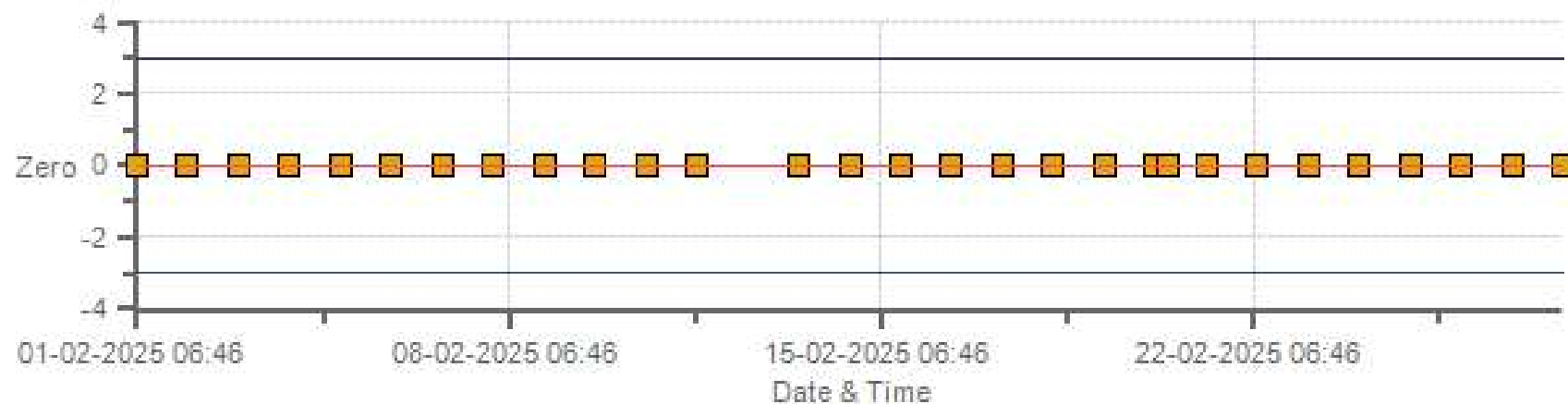
Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Span



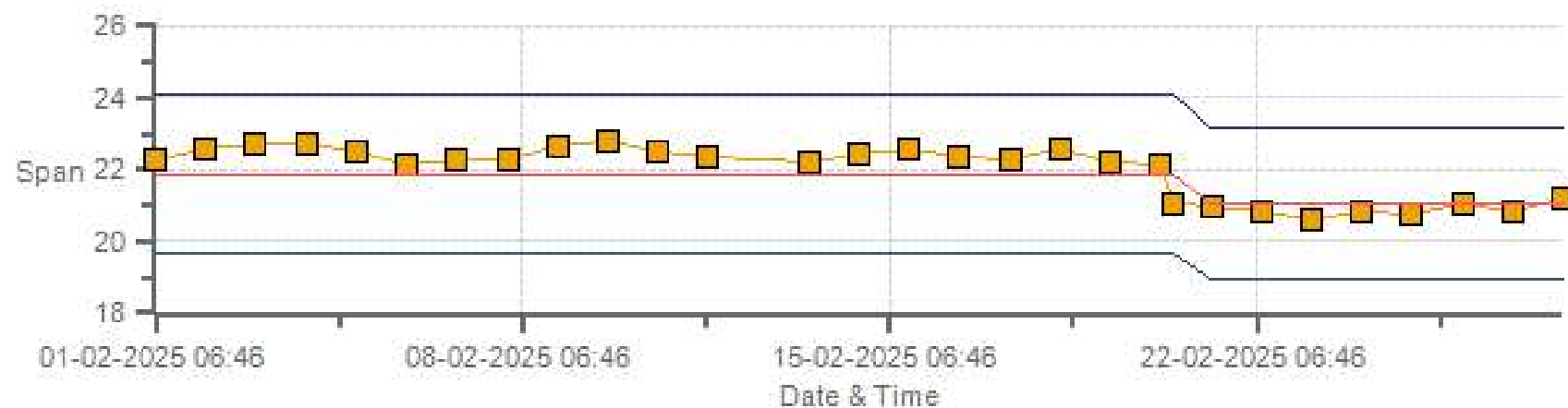
Span Span Ref Span Low Span High

THC55[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Zero



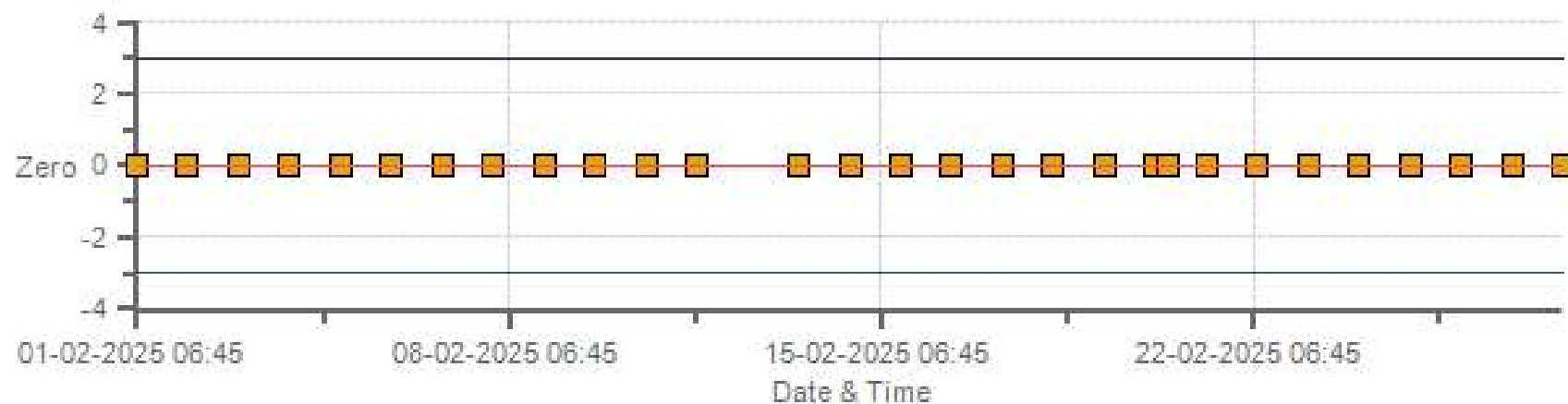
Zero Zero Ref Zero Low Zero High

THC55[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Span



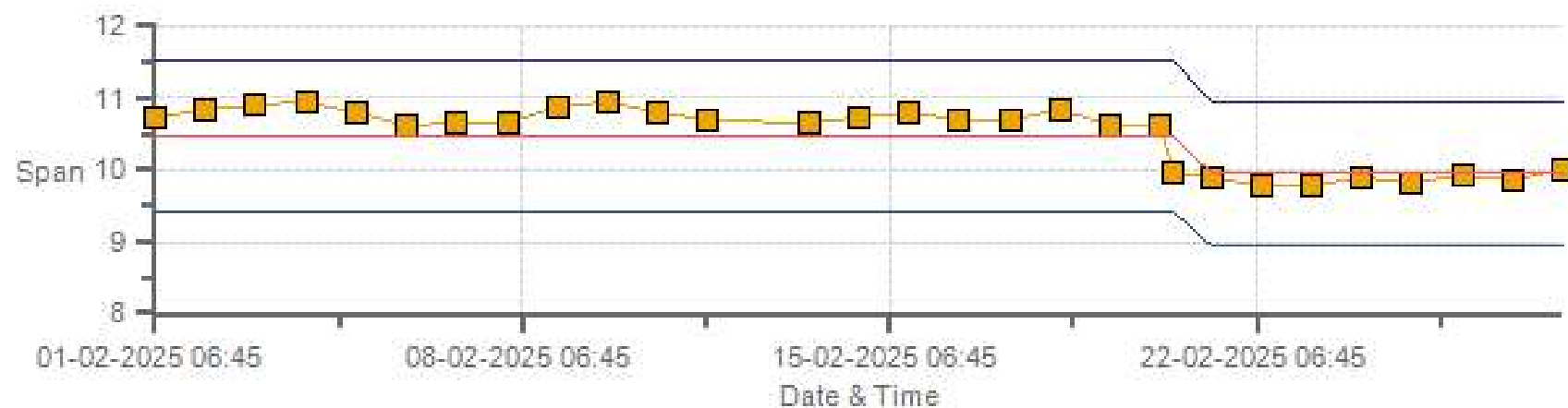
Span SpanRef Span Low Span High

CH4[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Zero



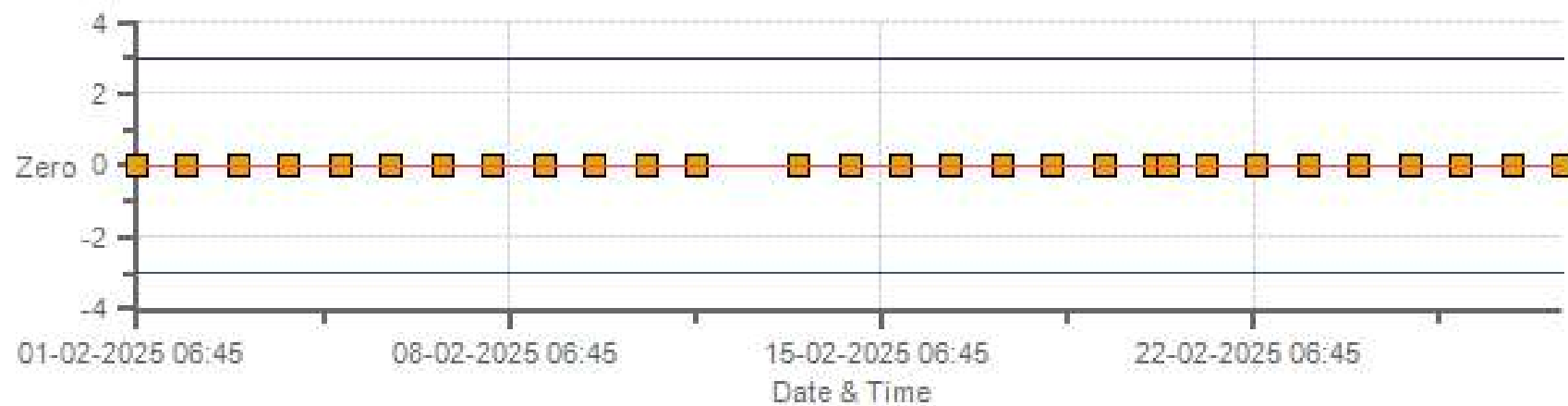
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Span



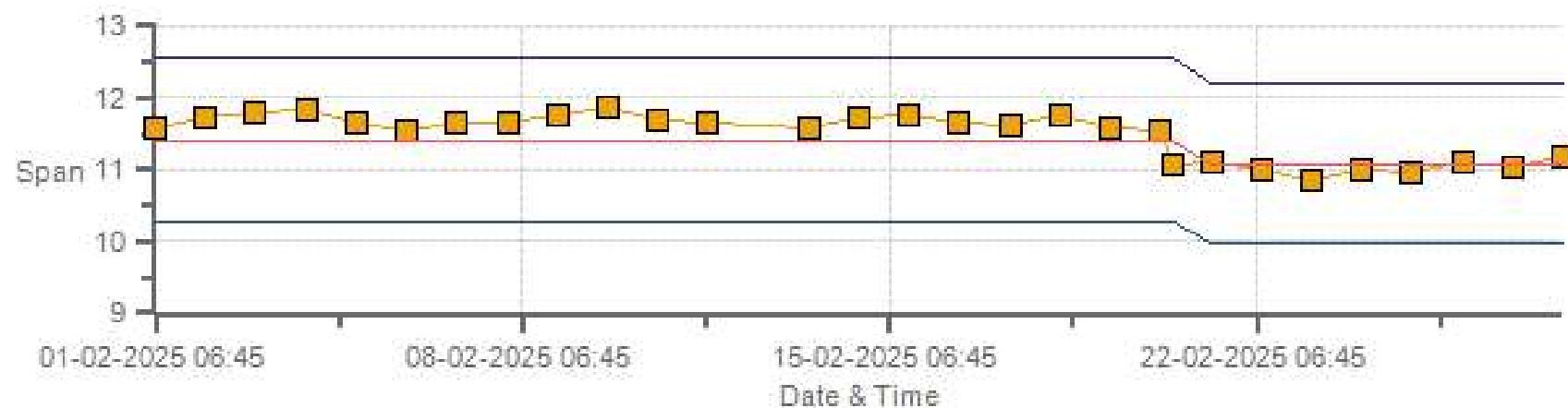
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: PRAMP RENO-B Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	20-Feb-2025	PREVIOUS CALIBRATION DATE:	09-Jan-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.994
CLIENT:	PRAMP	TEMPERATURE (°C):	22.0
LOCATION:	Reno-B	BAROMETRIC (mBar):	938
PURPOSE:	Routine	START TIME (MST):	12:38
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:52

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500 ppb
SERIAL #	12101910505	FLOW (mL/min)	440
INITIAL		FINAL	
BKG/OFFSET	1.37	BKG/OFFSET	1.42
COEF/SLOPE	0.901	COEF/SLOPE	0.905
Expected (reference) Value	210.9	Expected (reference) Value	214

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002518	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1500	LOW ID	n/a
EXPIRY DATE	14-Feb-2028	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	390	190	95
RANGE	300 - 400	150 - 200	50 - 100

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3998	60.60	3998	0.00	0	0	1.008	0.999
3939	60.60	4000	380.27	377.3	380.6	1.008	0.999
3971	28.70	4000	180.09	n/a	181.7	n/a	0.991
3985	14.40	3999	90.38	n/a	90.5	n/a	0.999

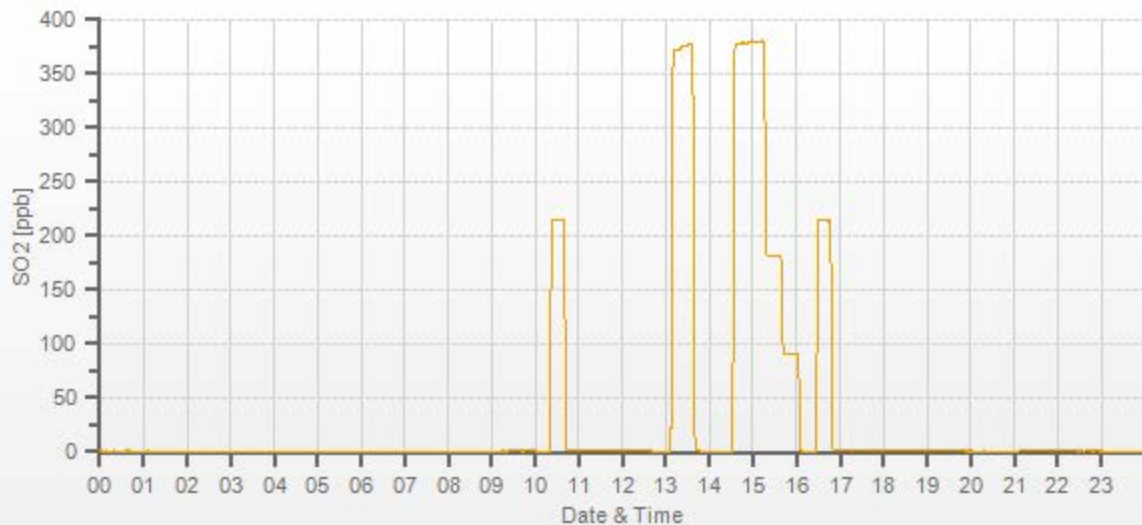
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.001	0.1%

COMMENTS:

Sample filter changed

SO2[ppb] Station: PRAMP RENO-B Daily: 2025-02-20 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01563

TRS Analyzer Calibration by Dilution



DATE:	20-Feb-2025	PREVIOUS CALIBRATION DATE:	09-Jan-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	22.0
LOCATION:	Reno-B	BAROMETRIC (mBar):	938
PURPOSE:	Routine	START TIME (MST):	12:39
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:52

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	12101910504	FLOW (mL/min)	384
INITIAL		FINAL	
BKG/OFFSET	1.2	BKG/OFFSET	1.42
COEF/SLOPE	0.94	COEF/SLOPE	0.971
Expected (reference) Value	37.20	Expected (reference) Value	37.52

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3998	30.90	3998	0.00	-0.01	0	1.050	0.999
3969	30.90	4000	77.95	74.22	78.01	1.050	0.999
3985	15.10	4000	38.09	n/a	38.18	n/a	0.998
3992	7.50	3999	18.92	n/a	19.31	n/a	0.980

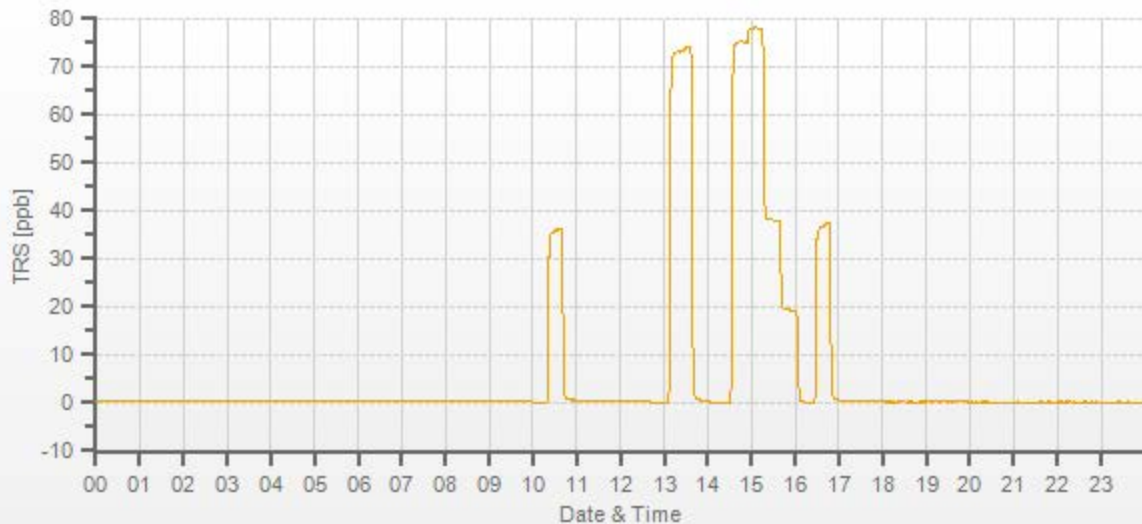
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.999	0.2%

COMMENTS:

Sample filter changed

TRS[ppb] Station: PRAMP RENO-B Daily: 2025-02-20 Type: AVG 1 Min. [1 Min.]



CAL-PRAMP-202502-01563

Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	20-Feb-2025	PREVIOUS CALIBRATION DATE:	09-Jan-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	22.0		Thermo 55i	1193585652	1087
LOCATION:	Reno-B	BAROMETRIC (mBar):	938	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	12:38	RANGE (ppm):	20	20	40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:34	PREVIOUS CF:	1.001	0.995	0.998

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL68768	HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH ₄ /C ₃ H ₈ (ppm):	897.0 301.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	80	CYLINDER (psi):	400	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1724.75	New Zero Chrom?	No

EXPECTED (REFERENCE) VALUE:

INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	10.48	11.41	21.89		9.95	11.09	21.04

CALIBRATION:

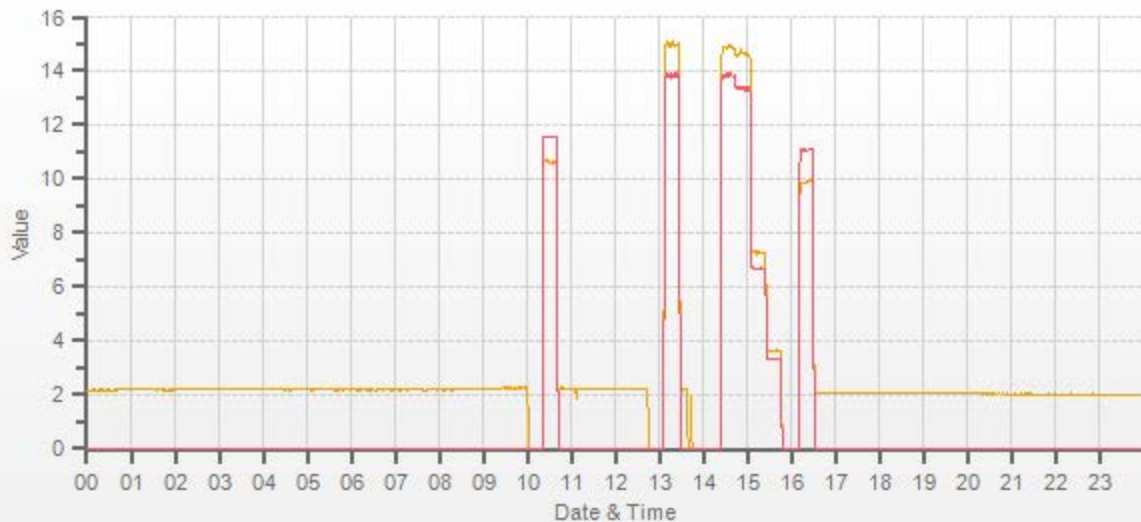
FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3499	X	3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	X	X	X	X	X	X
3443	56.80	3500	14.56	13.43	27.99	14.94	13.86	28.79	14.62	13.37	27.99	0.974	0.969	0.972	0.996	1.005	1.000
3472	28.40	3500	7.28	6.72	14.00	n/a	n/a	n/a	7.28	6.69	13.97	n/a	n/a	n/a	1.000	1.004	1.002
3487	14.20	3501	3.64	3.36	7.00	n/a	n/a	n/a	3.64	3.34	6.97	n/a	n/a	n/a	1.000	1.005	1.004

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH ₄	1.000	1.004	-0.1%
NMHC	1.000	0.995	0.0%
THC	1.000	1.000	0.0%

Comments:

Sample filter Changed



CAL-PRAMP-202502-01563

Page 14 of 17

— CH4 [ppm] — NMHC [ppm]

Meteorological System Checklist



Date:	February 20, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP Reno-B		
Unit:	Make:	Model:	Serial #:
Precipitation Sampler:	RM Young	52202	TB 15877
Temperature Sensor:	Rotronic	HC2-S3	20467597
Barometric Pressure Sensor:	MetOne	92	A17940
Relative Humidity Sensor:	Rotronic	HC2-S3	20467597
Anemometer:	RM Young	05305AQ	174795
PRECIPITATION SENSOR CHECK			
Checklist:	Reply:	Comments:	
Previous check date:	January 9, 2025		
Is the sensor Level?	yes		
Is the heater operating properly?	yes		
Are the bucket drain holes clean?	yes	Audit:15:54-15:56	
Is the screen on the housing? (screen should be on between July and September	no		
Is the housing clean?	yes		
Is the area around the housing clean and free from obstacles?	yes		
TIP TEST - Slowly pour water until 10 tip are heard. (10 tips = 1 ml)			
# of Tips	Data Logger Response (ml):	Manual Specification = +/- 0.1 ml	
10	1.00	0.00	
AMBIENT TEMPERATURE SENSOR CHECK			
Previous check date:	January 9, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	FS 181341226 expires July 24, 2025		
Reference Temperature (°C):	-3.5		
Station - Ambient Temperature (°C):	-3.1		
Temperature Difference (°C):	-0.4		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	January 9, 2025		
Reference Barometer ID:	Brunton 05535 Expires July 24,2025		
Reference Pressure - Units/Reading:	millibar	937	
Station Pressure - Units/Reading:	millibar	937.2	
Pressure Tolerance +/- 15% of error:	796 - 1078	-0.02%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	January 9, 2025		
Reference Hygrometer ID:	FS 181341226 expires July 24, 2025		
Reference Hygrometer % RH- Reading:	66.10		
Station Hygrometer % RH- Reading:	63.70		
RH Tolerance +/- 15% of difference:	56.19 - 76.02	3.6%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:		Previous check date:	
Wind Speed Observed (kph):	5~10	Wind Direction Observed:	S
Wind speed on Data Logger (kph):	8.7	Wind Direction on Data Logger:	S
		Wind Direction Pass/Fail?:	Pass
Comments			



Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	Performed By:	Chris Wesson
Audit Location:	Reno-B	Reviewed By:	Limin Li
Audit Date:	August 23, 2024	Start/End Time (mst):	09:46 - 10:48
Calibration Purpose:	routine annual	Weather Conditions:	Mainly sunny

Wind Sensor Information

Sensor ID Data:		Sensor Outputs:	
Sensor Make:	RM Young	Velocity Voltage Output Range:	n/a
Sensor Model:	05305AQ	Velocity Unit Output Range:	0-200
Serial #:	174795	Direction Voltage Output Range:	n/a
Previous Cal/Audit Date:	August 1, 2023	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# R9133 expires Oct 18, 2024

Wind Speed Audit Data **+/- 2% of the average correction factor is the limit**

RPM	Wind Speed Generated kph	Clockwise Wind Speed kph	Counter Clockwise Wind Speed kph	Correction Factor
0	0	0.0	0.0	-
1000	18.4	18.3	18.3	1.007
2000	36.9	36.7	36.7	1.004
3000	55.3	55.1	55.1	1.003
4000	73.7	73.6	73.6	1.002
5000	92.2	92.0	92.0	1.002
6000	110.6	110.5	110.5	1.001
7000	129.0	128.9	128.9	1.001
8000	147.4	147.3	147.3	1.001
9000	165.9	165.8	165.8	1.000
10000	184.3	184.2	184.2	1.001
The audit meets AMD requirements.			Average Correction Factor=	1.002

Wind Direction Audit Data **+/- 3° of the absolute average degrees difference for all points is the limit**

Generated Wind Direction 0-360 (Up)	Generated Wind Direction 360-0 (Down)	Indicated Wind Direction 0-360 (Up)	Indicated Wind Direction 360-0 (Down)	Degrees Difference 0-360 (Up)	Degrees Difference 360-0 (Down)	Average Absolute Degrees Difference
0	355	1	354	1.0	1.0	1.0
30	330	30	332	0.0	-2.0	1.0
60	300	59	304	1.0	-4.0	2.5
90	270	88	273	2.0	-3.0	2.5
120	240	120	242	0.0	-2.0	1.0
150	210	150	213	0.0	-3.0	1.5
180	180	181	182	-1.0	-2.0	1.5
210	150	209	151	1.0	-1.0	1.0
240	120	240	119	0.0	1.0	0.5
270	90	272	88	-2.0	2.0	2.0
300	60	304	60	-4.0	0.0	2.0
330	30	331	30	-1.0	0.0	0.5
355	0	354	2	1.0	2.0	1.5
The audit meets AMD requirements.			Average Absolute Degrees Difference=		1.4	

Comments:

Declination = 15 deg East
Physical inspection completed. Repalced horizontal bearings

END OF REPORT



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring Calibration Report

- AQHI - GRIMSHAW STATION-

CAL-PRAMP-202502-01689

Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

March 17, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



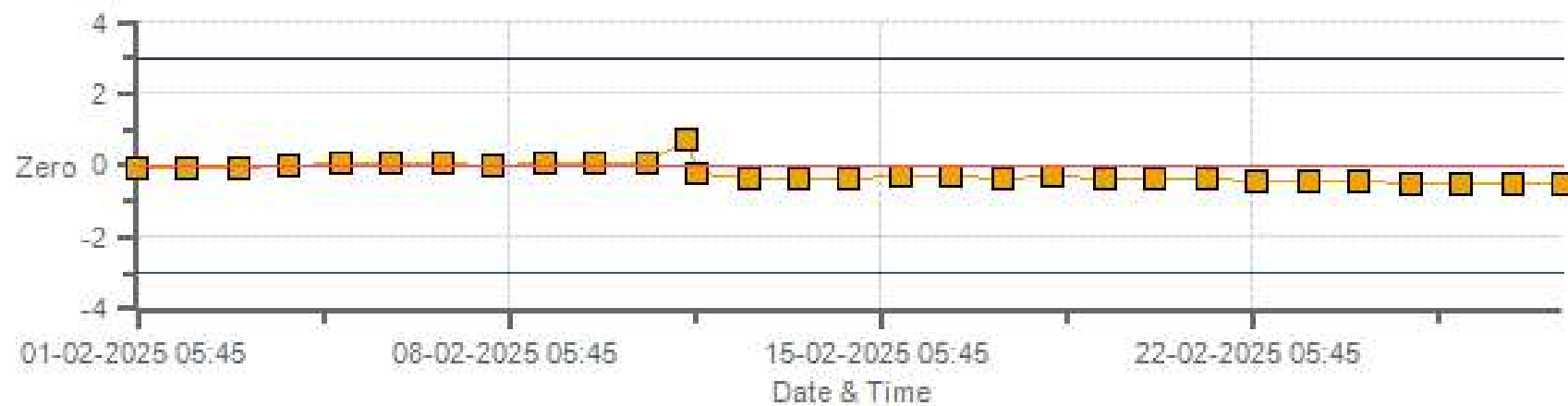
Zero Zero Ref Zero Low Zero High

SO2[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

TRS[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

NOX[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NOX[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

NO2[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NO2[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

O3[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



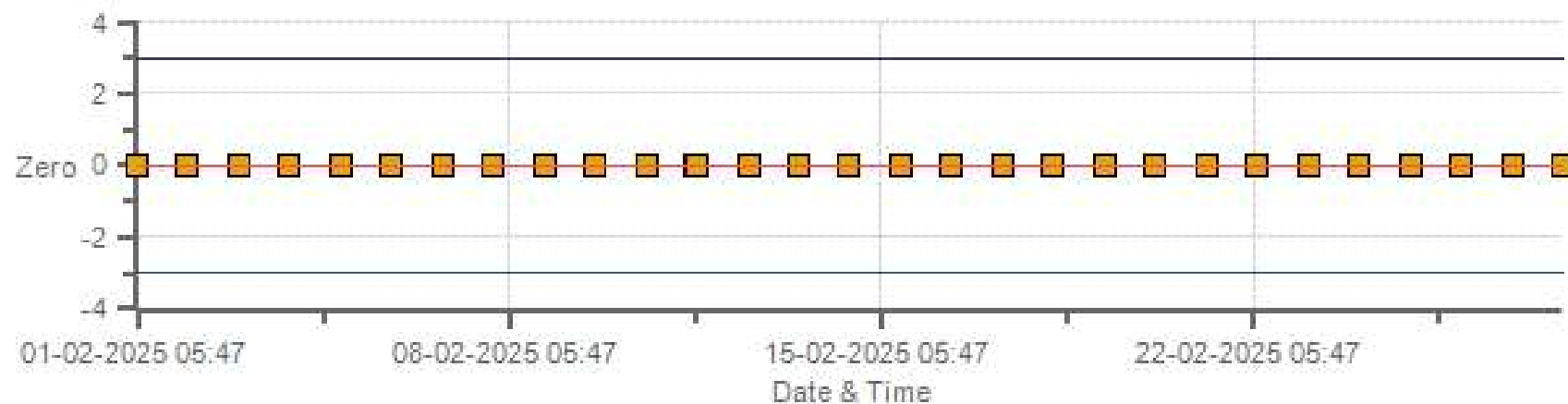
Zero Zero Ref Zero Low Zero High

O3[ppb] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

THC55[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



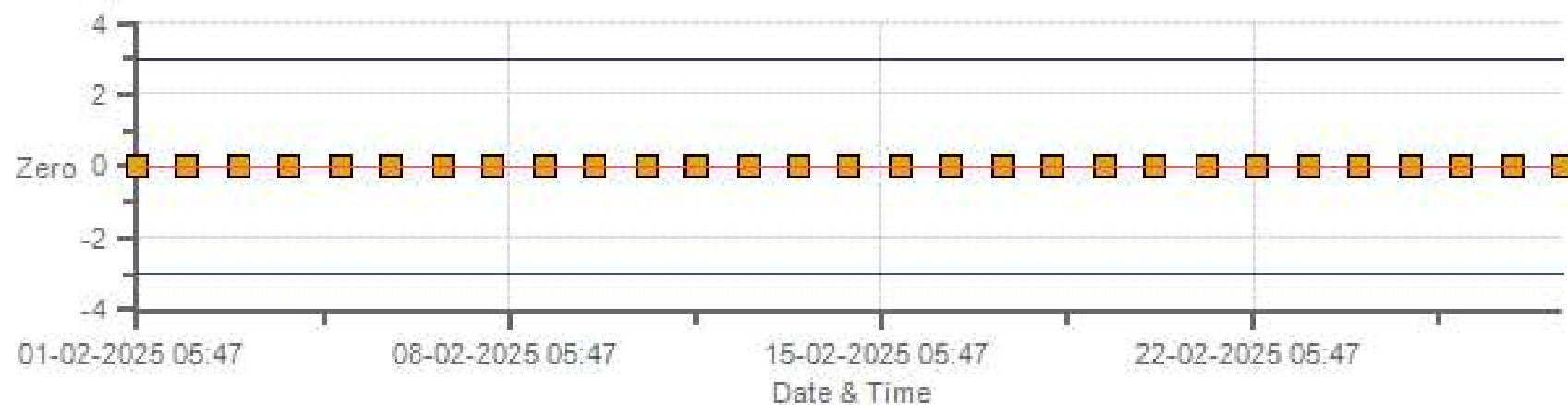
Zero Zero Ref Zero Low Zero High

THC55[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

CH4[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



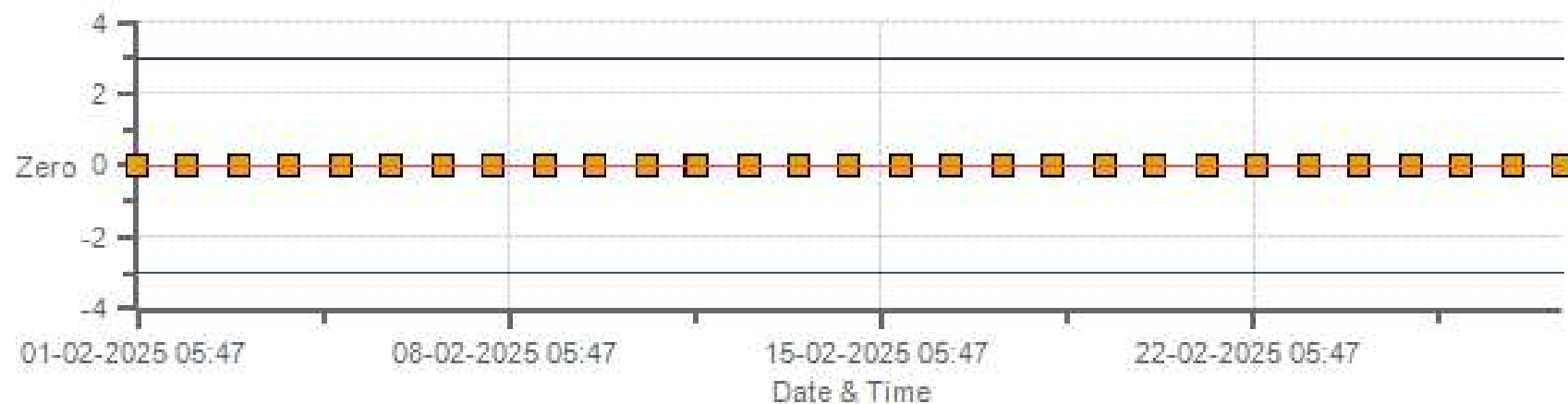
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



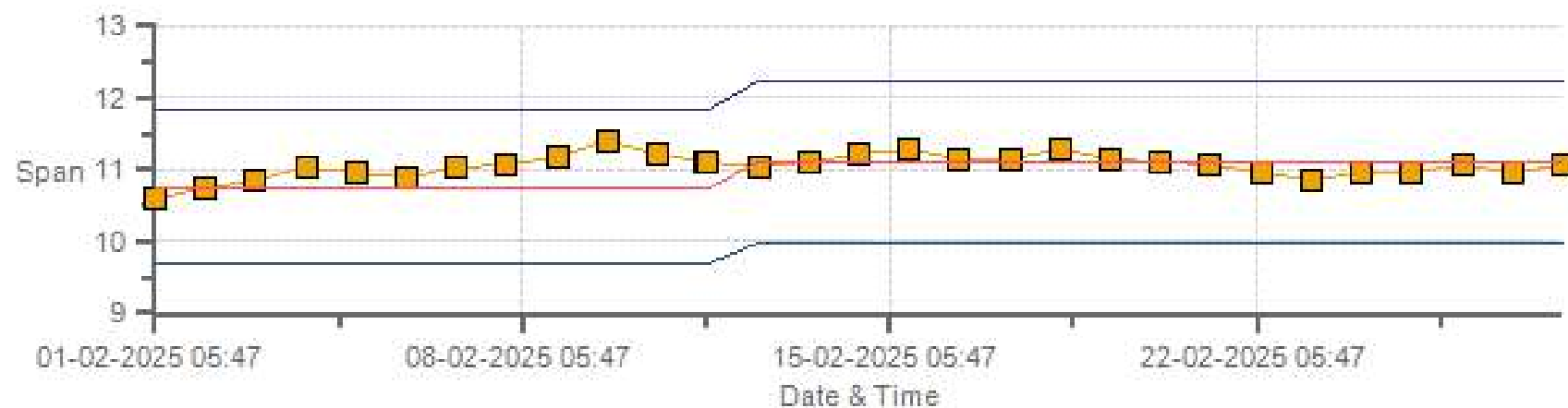
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: AQHI Grimshaw Monthly: 02-2025 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	11-Feb-2025	PREVIOUS CALIBRATION DATE:	21-Jan-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6
LOCATION:	Grimshaw	BAROMETRIC (mBar):	953
PURPOSE:	Routine	START TIME (MST):	09:48
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:02

ANALYZER:

MAKE/MODEL	Teledyne T100	RANGE	500 ppb
SERIAL #	722	FLOW (mL/min)	449
INITIAL		FINAL	
BKG/OFFSET	36.4	BKG/OFFSET	35.5
COEF/SLOPE	0.909	COEF/SLOPE	0.919
Expected (reference) Value	267.7	Expected (reference) Value	266.7

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002518	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1500	LOW ID	n/a
EXPIRY DATE	14-Feb-2028	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	390	190	95
RANGE	300 - 400	150 - 200	50 - 100

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

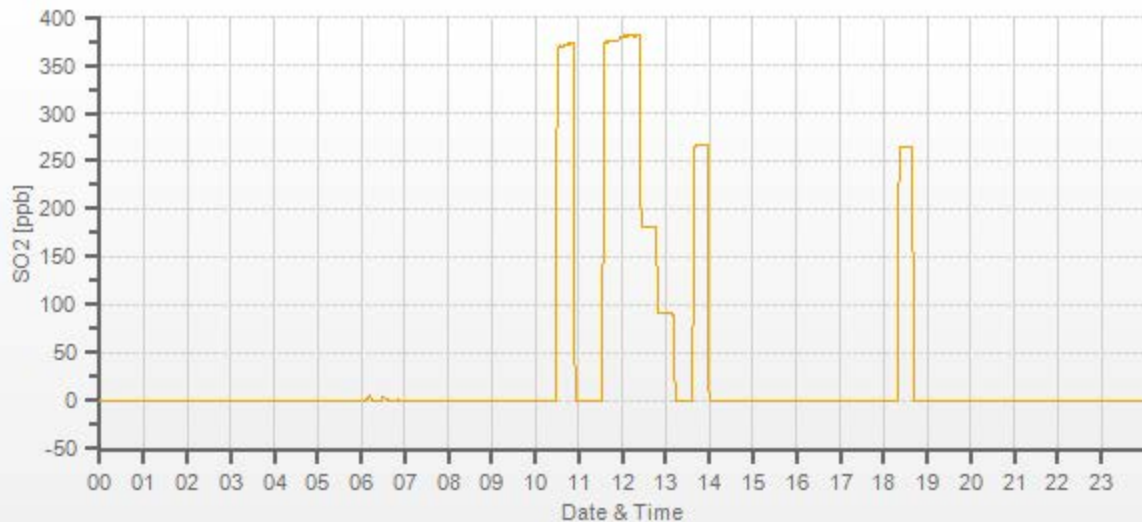
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000	60.60	4000	0.00	-0.4	0	1.022	0.999
3939	60.60	4000	380.27	371.8	380.6	1.022	0.999
3971	28.70	4000	180.09	n/a	180.9	n/a	0.996
3986	14.30	4000	89.73	n/a	90.9	n/a	0.987

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	0.1%

COMMENTS:

Sample filter changed



TRS Analyzer Calibration by Dilution



DATE:	11-Feb-2025	PREVIOUS CALIBRATION DATE:	21-Jan-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	1.000
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6
LOCATION:	Grimshaw	BAROMETRIC (mBar):	953
PURPOSE:	Routine	START TIME (MST):	09:47
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:02

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100 ppb
SERIAL #	12409233394	FLOW (mL/min)	376
INITIAL		FINAL	
BKG/OFFSET	1.84	BKG/OFFSET	2.28
COEF/SLOPE	1.095	COEF/SLOPE	1.127
Expected (reference) Value	62.45	Expected (reference) Value	61.23

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

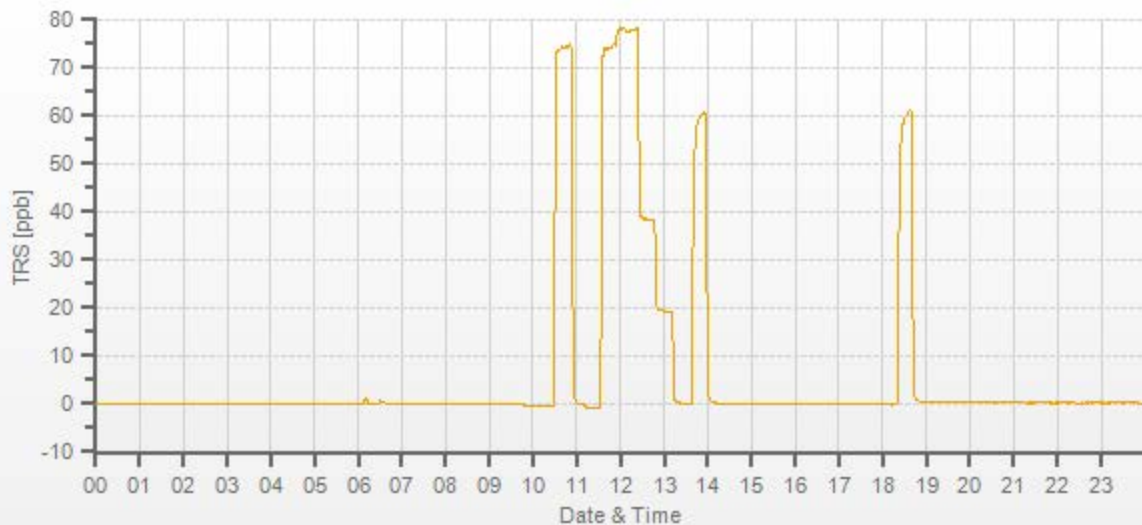
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000	30.90	4000	0.00	-0.1	0	1.038	0.992
3967	30.90	3998	77.98	75.05	78.59	1.038	0.992
3985	15.10	4000	38.09	n/a	39.11	n/a	0.974
3993	7.50	4000	18.92	n/a	19.91	n/a	0.950

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.005	0.5%

COMMENTS:

Sample filter Changed



NOx Calibration by Dilution/Gas-Phase Titration



CALIBRATION:				ANALYZER:			
DATE:	11-Feb-2025	PREVIOUS CALIBRATION DATE:	30-Jan-2025	MAKE/MODEL:	Teledyne T200	PREVIOUS CF.	
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6	SERIAL #:	837	NOx	1.000
LOCATION:	Grimshaw	BAROMETRIC (mBar):	953	FLOW (mL/min):	447	NO	1.003
PURPOSE:	Routine	START TIME (MST):	09:48	RANGE (ppb):	500	NO2	0.998
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:58	GPT FOR O3?		Yes	

CALIBRATION SYSTEM:				FLOWMETERS (if applicable):			
CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		HIGH ID:	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL18926	n/a	
MODEL:	2010	MODEL:	T701	NO/NOx (PPM):	50.7 50.9	HIGH EXPIRY:	
ID:	26701218	ID:	80	CYLINDER (psi):	1800	LOW ID:	
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	11-Oct-2032	LOW EXPIRY:	

CALIBRATION SETTINGS:							
INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
BKG/OFFSET:	-1	-2.2	n/a	BKG/OFFSET:	6.6	4.9	n/a
SLOPE/COEF/CE:	0.856	0.864	0.997	SLOPE/COEF/CE:	0.836	0.849	0.997

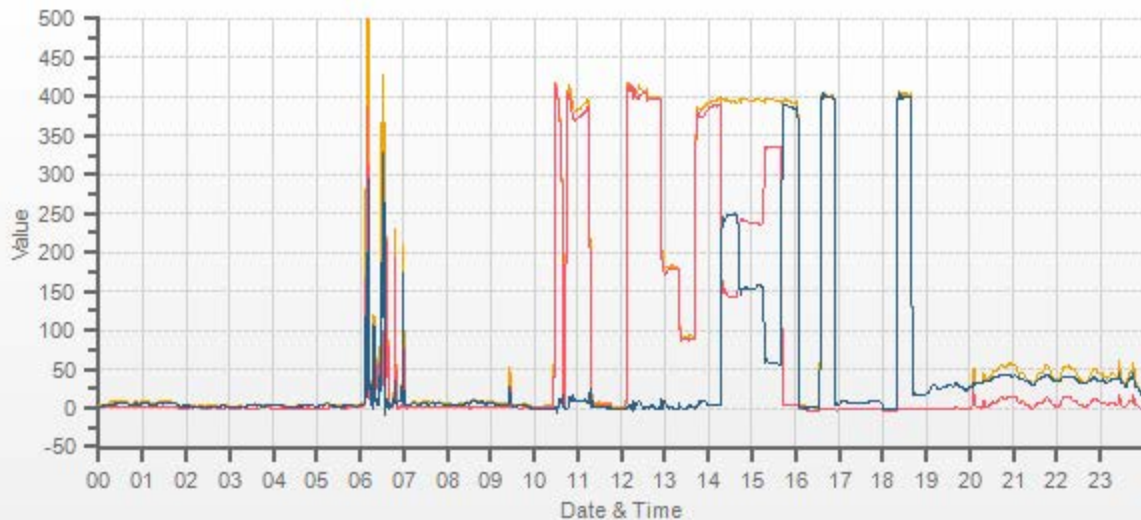
EXPECTED (REFERENCE) VALUE:							
INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
	389.4	4.1	385.3		398.8	-0.8	399.6

CALIBRATION PARAMETERS:				
POINT	NO TARGET (PPB)	NO2 TARGET (PPB)	NO2 RANGE	O3 POINT
HIGH	395	250	240-275	n/a
MID	180	154	150-157	Mid
LOW	90	54	50-58	Low
EXTRA 1	n/a	340	300-370	High

FLOW RATE			CONCENTRATION (ppb)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2
4999	39.00	4999	0.0	0.0	0.0	0.7	1.0	0.3	0.0	0.0	0.0	1.034	1.016	0.994	0.998	1.003	1.004
4961	39.00	5000	395.5	397.0	1.6	383.2	391.8	8.5	397.7	397.8	0.1	1.034	1.016	0.994	0.998	1.003	1.004
4981	17.80	4999	180.5	181.2	0.7	n/a	n/a	n/a	179.9	180.5	0.6	n/a	n/a	1.003	1.004	1.003	1.004
4991	8.90	5000	90.2	90.6	0.4	n/a	n/a	n/a	88.1	90.3	2.2	n/a	n/a	1.024	1.003	1.003	1.004

GPT CALIBRATION:											CONV. EFFICIENCY	
Point	CALIBRATOR			INDICATED (ppb)			NO DROP / O3 Conc (ppb)	NO2 GAIN (ppb)	NO2 Corr. FACTOR	CONV. EFFICIENCY		
	GAS	TOTAL	O3 SETPOINT	NO	NOx	NO2						
REFERENCE	39.00	5001	0	388.8	393.0	4.2	245.7	244.3	1.006	99.43%		
AS-FOUND HIGH	39.00	5001	250	143.1	391.6	248.5	245.7	244.3	1.006	99.43%		
ADJUSTED HIGH	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
MID	39.00	5001	155	236.3	392.9	156.6	152.5	152.4	1.001	99.93%		
LOW	39.00	5001	54	335.1	392.7	57.6	53.7	53.4	1.006	99.44%		
NO2 adjustment not required.										AVERAGE:	99.60%	

LINEAR REGRESSION ANALYSIS:				COMMENTS:	
	CORRELATION	SLOPE	INTERCEPT	Sample filter Changed Extra GPT point for O3: Setting = 380, O3 drop = 384.8 Started As found again to gain more stability	
NO	1.000	1.008	-0.28%		
NOx	1.000	1.002	-0.09%		
NO2	1.000	0.994	0.05%		



CAL-PRAMP-202502-01689

NOx Calibration by Dilution/Gas-Phase Titration



CALIBRATION:				ANALYZER:			
DATE:	26-Feb-2025	PREVIOUS CALIBRATION DATE:	11-Feb-2025	MAKE/MODEL:	Teledyne T200	PREVIOUS CF.	
CLIENT:	PRAMP	TEMPERATURE (°C):	23.4	SERIAL #:	837	NOx	0.998
LOCATION:	Grimshaw	BAROMETRIC (mBar):	939	FLOW (mL/min)	441	NO	0.994
PURPOSE:	Repeat	START TIME (MST):	08:29	RANGE (ppb)	500	NO2	1.006
PERFORMED BY:	Limin Li	END TIME (MST):	14:23	GPT FOR O3?		Yes	

CALIBRATION SYSTEM:				FLOWMETERS (if applicable):			
CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			
MAKE:	Sabio	MAKE:	Sabio	CYLINDER ID:	LL126722	HIGH ID:	n/a
MODEL:	2010	MODEL:	2020EXP	NO/NOx (PPM):	50.9 51.3	HIGH EXPIRY:	n/a
ID:	17200415	ID:	18500921	CYLINDER (psi):	1200	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032	LOW EXPIRY:	n/a

CALIBRATION SETTINGS:							
INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
BKG/OFFSET:	6.6	4.9	n/a	BKG/OFFSET:	-0.1	-2	n/a
SLOPE/COEF/CE:	0.836	0.849	0.997	SLOPE/COEF/CE:	0.897	0.889	0.997

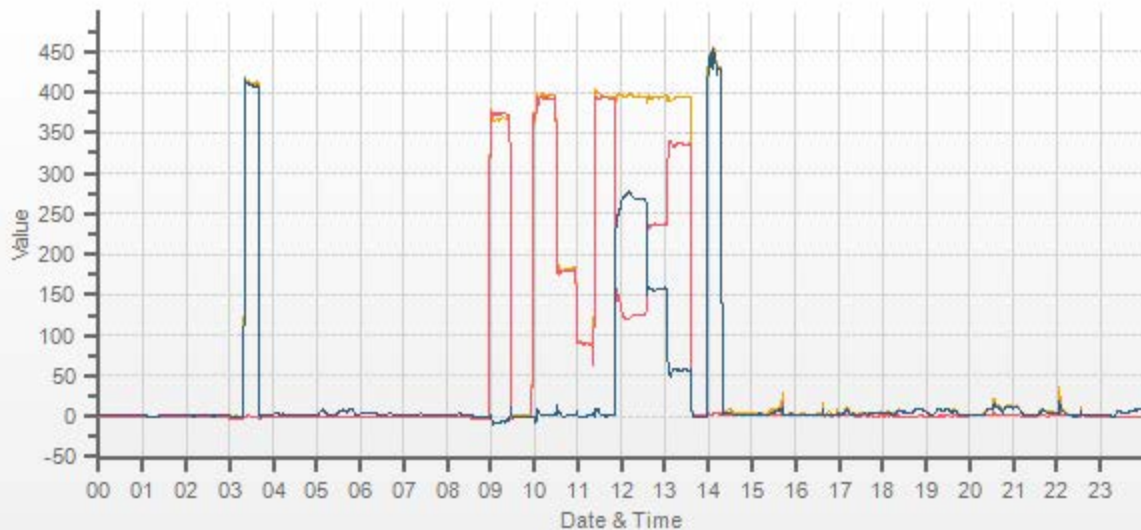
EXPECTED (REFERENCE) VALUE:							
INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
	398.8	-0.8	399.6		398.8	-0.8	399.6

CALIBRATION PARAMETERS:				
POINT	NO TARGET (PPB)	NO2 TARGET (PPB)	NO2 RANGE	O3 POINT
HIGH	395	250	240-275	n/a
MID	180	154	150-157	Mid
LOW	90	54	50-58	Low
EXTRA 1	n/a	340	300-370	High

FLOW RATE			CONCENTRATION (ppb)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2	NO	NOx	NO2
6000	46.20	6000	0.0	0.0	0.0	-2.7	-3.3	-0.6	0.0	0.0	0.0	1.049	1.066	0.992	1.000	0.989	1.004
5954	46.20	6000	391.9	395.0	3.1	371.0	367.4	-3.7	392.1	395.1	3.0	1.049	1.066	0.992	1.000	0.989	1.004
5979	21.20	6000	179.8	181.3	1.4	n/a	n/a	n/a	181.3	183.3	2.0	n/a	n/a	0.992	0.989		
5989	10.60	6000	89.9	90.6	0.7	n/a	n/a	n/a	89.4	90.3	0.9	n/a	n/a	1.006	1.004		

GPT CALIBRATION:												
Point	CALIBRATOR			INDICATED (ppb)			NO DROP / O3 Conc (ppb)	NO2 GAIN (ppb)	NO2 Corr. FACTOR	CONV. EFFICIENCY		
	GAS	TOTAL	O3 SETPOINT	NO	NOx	NO2						
REFERENCE	38.50	5000	0	391.5	393.8	2.3	266.4	266.9	0.998	100.19%		
AS-FOUND HIGH	38.50	5000	265	125.1	394.2	269.2	266.4	266.9	0.998	100.19%		
ADJUSTED HIGH	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
MID	38.50	5000	152	237.4	395.4	158.1	154.1	155.8	0.989	101.10%		
LOW	38.50	5000	53	335.2	392.5	57.3	56.3	55	1.024	97.69%		
NO2 adjustment not required.										AVERAGE:	99.66%	

LINEAR REGRESSION ANALYSIS:				COMMENTS:
	CORRELATION	SLOPE	INTERCEPT	
NO	1.000	1.001	0.02%	
NOx	1.000	1.001	0.06%	
NO2	1.000	1.008	-0.20%	n/a



CAL-PRAMP-202502-01689

Ozone Calibration by Direct GPT



DATE:	11-Feb-2025	PREVIOUS CALIBRATION DATE:	21-Jan-2025
PARAMETER:	O3	PREVIOUS CORRECTION FACTOR:	0.999
CLIENT:	PRAMP	TEMPERATURE (°C):	24.1
LOCATION:	Grimshaw	BAROMETRIC (mBar):	951
PURPOSE:	Routine	START TIME (MST):	16:29
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	20:52

ANALYZER:

MAKE/MODEL	Thermo 49iQ	RANGE	500 ppb
SERIAL #	12326230141	FLOW (mL/min)	1260
INITIAL		FINAL	
BKG/OFFSET	4.2	BKG/OFFSET	5.2
COEF/SLOPE	1.018	COEF/SLOPE	1.028
Expected (reference) Value	377.6	Expected (reference) Value	384.1

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Sabio
MODEL:	2010	MODEL:	T701
ID:	26701218	ID:	80
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION METHOD:		Direct GPT	
GPT DATE:	11-Feb-2025	GPT END TIME:	16:15

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
RANGE	300 - 400	150 - 200	50 - 100

CALIBRATION:

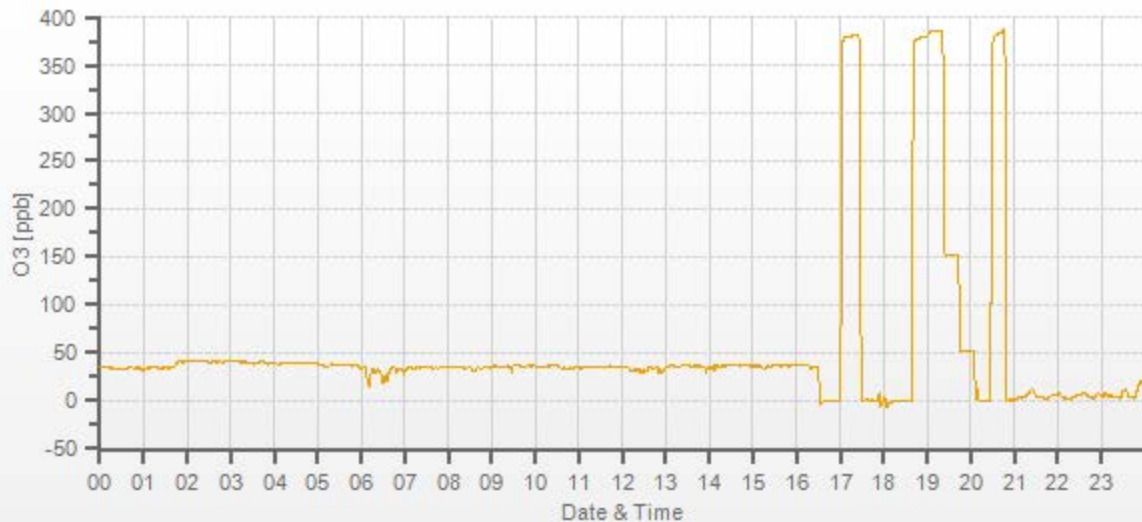
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
5000	5000	5000	0.0	0.9	0.0	1.011	0.999
5000	5000	5000	384.8	381.6	385.2	1.011	0.999
5000	5000	5000	152.5	n/a	151.7	n/a	1.005
5000	5000	5000	53.7	n/a	51.9	n/a	1.035

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.003	-0.2%

COMMENTS:

Sample filter changed



Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	11-Feb-2025	PREVIOUS CALIBRATION DATE:	21-Jan-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	24.7		Thermo 55i	12101910497	1090
LOCATION:	Grimshaw	BAROMETRIC (mBar):	953	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	13:31	RANGE (ppm):	20	20	40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	17:31	PREVIOUS CF:	0.999	1.001	1.000

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL68768	HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH ₄ /C ₃ H ₈ (ppm):	897.0 301.0	HIGH EXPIRY:	n/a
ID:	58100720	ID:	80	CYLINDER (psi):	400	LOW ID:	n/a
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1724.75	New Zero Chrom?	No

EXPECTED (REFERENCE) VALUE:

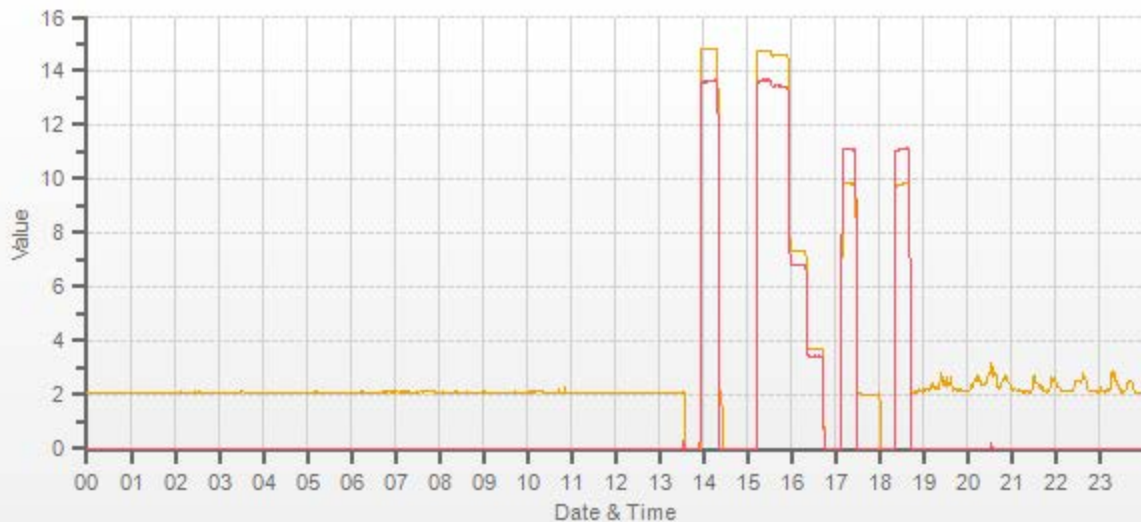
INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	9.59	10.75	20.34		9.81	11.11	20.92

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3099	X	3099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	X	X	X	X	X	X
3049	50.30	3099	14.56	13.44	27.99	14.79	13.61	28.40	14.59	13.44	28.03	0.984	0.987	0.986	0.998	1.000	0.999
3075	25.20	3100	7.29	6.73	14.02	n/a	n/a	n/a	7.33	6.80	14.14	n/a	n/a	n/a	0.995	0.990	0.992
3087	12.60	3100	3.65	3.36	7.01	n/a	n/a	n/a	3.69	3.43	7.12	n/a	n/a	n/a	0.988	0.981	0.985

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT	Comments: Sample filter changed
CH ₄	1.000	1.001	0.1%	
NMHC	1.000	0.999	0.2%	
THC	1.000	1.000	0.2%	



CAL-PRAMP-202502-01689



Teledyne T640 Audit/Calibration

Date/Previous Audit Date:	February 11, 2025	January 21, 2025	Weather Conditions:	Clear	
Company:	PRAMP		Start Time (mst):	13:42	
Station:	Grimshaw		End Time (mst):	14:30	
Parameter:	PM 2.5		Performed By/Reviewer:	Kevin Sebastian	Chris Wesson
Instrument Data:					
Make/Model:	Teledyne T640		Serial Number:	318	
Owner:	PRAMP		Alarms (detail in comments):	Yes	
Reference Standards/I.D./Expiry Date:					
Flow Standard: Deltacal DC1 #206578, Exp Nov 27,2025			Temperature: Deltacal DC1 #206578, Exp Nov 27,2025		
Digital Manometer: Deltacal DC1 #206578, Exp Nov 27,2025			Pressure: Deltacal DC1 #206578, Exp Nov 27,2025		
DIAGNOSTICS:					
Ambient Pressure (mmHg)	705.9	Ambient Temp (°C)	-14.2	ASC Heater Duty (%)	0.0
Box Temp (°C)	23.8	Current PMT HV (V)	1540	LED Temp (°C)	32.22
P3 Value	49	PMT Setting (V)	1547	Pump PWM (%)	82
Sample Flow (L/min)	5.02	Sample RH (%RH)	6.0	Sample Temp (°C)	21.9
Item:	As-found		As-left		Tolerance
	Reference	T640x	Reference	T640x	
Zero Test (Leak Check)	PM10	0.0	n/a	n/a	0.0 to 0.2
	PM2.5	0.0	n/a	n/a	
Ambient Pressure (mmHg)	705.0	708.1	n/a	n/a	+/- 10 mm Hg
Ambient Temperature (°C)	-12.80	-13.1	n/a		+/- 2°C
Sample Flow (L/min)	5.06	5.01	n/a	n/a	+/-5% of T640x (e.g., 4.75 – 5.25 lpm)
					Completed
Inlet cleaned?					Yes
Sample tubing inspected (inner and outer)?					Yes
Comments:					
Alert: 01/31/25:Check Internal Pump Shutdown to replace sample pump					



Teledyne T640 Audit/Calibration

Date/Previous Audit Date:	February 11, 2025	n/a	Weather Conditions:	Clear	
Company:	PRAMP		Start Time (mst):	15:32	
Station:	Grimshaw		End Time (mst):	16:04	
Parameter:	PM 2.5		Performed By/Reviewer:	Kevin Sebastian	Chris Wesson
Instrument Data:					
Make/Model:	Teledyne T640		Serial Number:	318	
Owner:	PRAMP		Alarms (detail in comments):	Yes	
Reference Standards/I.D./Expiry Date:					
Flow Standard: Deltacal DC1 #206578, Exp Nov 27,2025			Temperature: Deltacal DC1 #206578, Exp Nov 27,2025		
Digital Manometer: Deltacal DC1 #206578, Exp Nov 27,2025			Pressure: Deltacal DC1 #206578, Exp Nov 27,2025		
DIAGNOSTICS:					
Ambient Pressure (mmHg)	713.4	Ambient Temp (°C)	-14.2	ASC Heater Duty (%)	0.0
Box Temp (°C)	26.6	Current PMT HV (V)	1541	LED Temp (°C)	34.88
P3 Value	47	PMT Setting (V)	1547	Pump PWM (%)	38
Sample Flow (L/min)	5.00	Sample RH (%RH)	5.8	Sample Temp (°C)	24.4
Item:	As-found		As-left		Tolerance
	Reference	T640x	Reference	T640x	
Zero Test (Leak Check)	PM10	n/a	0	0.0	0.0 to 0.2
	PM2.5	n/a	0	0.0	
Ambient Pressure (mmHg)	n/a	n/a	711.8	714.3	+/- 10 mm Hg
Ambient Temperature (°C)	n/a	n/a	-14.3		+/- 2°C
Sample Flow (L/min)	n/a	n/a	5.10	5.1	+/-5% of T640x (e.g., 4.75 – 5.25 lpm)
					Completed
Inlet cleaned?					Yes
Sample tubing inspected (inner and outer)?					Yes
Quarterly Audit/Calibration:					
SpanDust™ Standard	Peak at Channel		Lot No:		Expiry:
	10.9		100128-050-046		5-10-2025
Item:	Verification:		Calibration (if needed):		Tolerance
	Reference	T640x	Reference	T640x	
Peak Channel	10.9	11.1	n/a	n/a	± 0.5
PMT Setting (V)	n/a	1547	n/a	n/a	n/a
Peak Channel Counts:	n/a	7453	n/a	n/a	n/a
Comments:					
Installed new internal pump					

Meteorological System Checklist



Date:	February 11, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP Grimshaw		
Unit:	Make:	Model:	Serial #:
Temperature Sensor:	Vaisala	HMP155	N2910506
Barometric Pressure Sensor:	MetOne	92	A2397
Relative Humidity Sensor:	Vaisala	HMP155	N2910506
Anemometer:	RM Young	05305AQ	174801
AMBIENT TEMPERATURE SENSOR CHECK			
Previous check date:	January 21, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	FS 181341226 expires July 24, 2025		
Reference Temperature (°C):	-15.5		
Station - Ambient Temperature (°C):	-16.7		
Temperature Difference (°C):	1.2		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	January 21, 2025		
Reference Barometer ID:	Brunton 05535 Expires July 24, 2025		
Reference Pressure - Units/Reading:	millibar	951	
Station Pressure - Units/Reading:	millibar	951.8	
Pressure Tolerance +/- 15% of error:	808 - 1094	-0.08%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	January 21, 2025		
Reference Hygrometer ID:	FS 181341226 expires July 24, 2025		
Reference Hygrometer % RH- Reading:	73.60		
Station Hygrometer % RH- Reading:	75.00		
RH Tolerance +/- 15% of difference:	62.56 - 84.64	-1.9%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	January 21, 2025	Previous check date:	January 21, 2025
Wind Speed Observed (kph):	0~5	Wind Direction Observed:	NE
Wind speed on Data Logger (kph):	2.4	Wind Direction on Data Logger:	NE
		Wind Direction Pass/Fail?:	Pass
Comments			
No issues			



Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	Performed By:	Chris Wesson
Audit Location:	Grimshaw	Reviewed By:	Limin Li
Audit Date:	August 21, 2024	Start/End Time (mst):	15:04 - 16:36
Calibration Purpose:	routine annual	Weather Conditions:	Mix of sun and clouds

Wind Sensor Information

Sensor ID Data:		Sensor Outputs:	
Sensor Make:	RM Young	Velocity Voltage Output Range:	n/a
Sensor Model:	05305AQ	Velocity Unit Output Range:	0-200
Serial #:	174801	Direction Voltage Output Range:	n/a
Previous Cal/Audit Date:	August 2, 2023	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# R9133 expires Oct 18, 2024

Wind Speed Audit Data **+/- 2% of the average correction factor is the limit**

RPM	Wind Speed Generated kph	Clockwise Wind Speed kph	Counter Clockwise Wind Speed kph	Correction Factor
0	0	0.0	0.0	-
1000	18.4	18.3	18.3	1.007
2000	36.9	36.7	36.7	1.004
3000	55.3	55.1	55.2	1.003
4000	73.7	73.6	73.6	1.002
5000	92.2	92.0	92.0	1.002
6000	110.6	110.6	110.5	1.000
7000	129.0	128.9	128.9	1.001
8000	147.4	147.3	147.3	1.001
9000	165.9	165.8	165.8	1.000
10000	184.3	184.2	184.2	1.001
The audit meets AMD requirements.			Average Correction Factor=	1.002

Wind Direction Audit Data **+/- 3° of the absolute average degrees difference for all points is the limit**

Generated Wind Direction 0-360 (Up)	Generated Wind Direction 360-0 (Down)	Indicated Wind Direction 0-360 (Up)	Indicated Wind Direction 360-0 (Down)	Degrees Difference 0-360 (Up)	Degrees Difference 360-0 (Down)	Average Absolute Degrees Difference
0	355	3	354	3.0	1.0	2.0
30	330	30	336	0.0	-6.0	3.0
60	300	59	305	1.0	-5.0	3.0
90	270	90	274	0.0	-4.0	2.0
120	240	119	239	1.0	1.0	1.0
150	210	149	207	1.0	3.0	2.0
180	180	177	178	3.0	2.0	2.5
210	150	206	149	4.0	1.0	2.5
240	120	238	118	2.0	2.0	2.0
270	90	273	90	-3.0	0.0	1.5
300	60	305	60	-5.0	0.0	2.5
330	30	336	31	-6.0	-1.0	3.5
355	0	354	3	1.0	3.0	2.0
The audit meets AMD requirements.			Average Absolute Degrees Difference=		2.3	

Comments:

Declination = 15 deg East
Horizontal bearings replaced.
Potentiometer noisy. Replacement required.

END OF REPORT



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring Calibration Report

- PEACE RIVER COMPLEX (PRC) STATION-

CAL-PRAMP-202502-01698

Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

March 17, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO₂[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



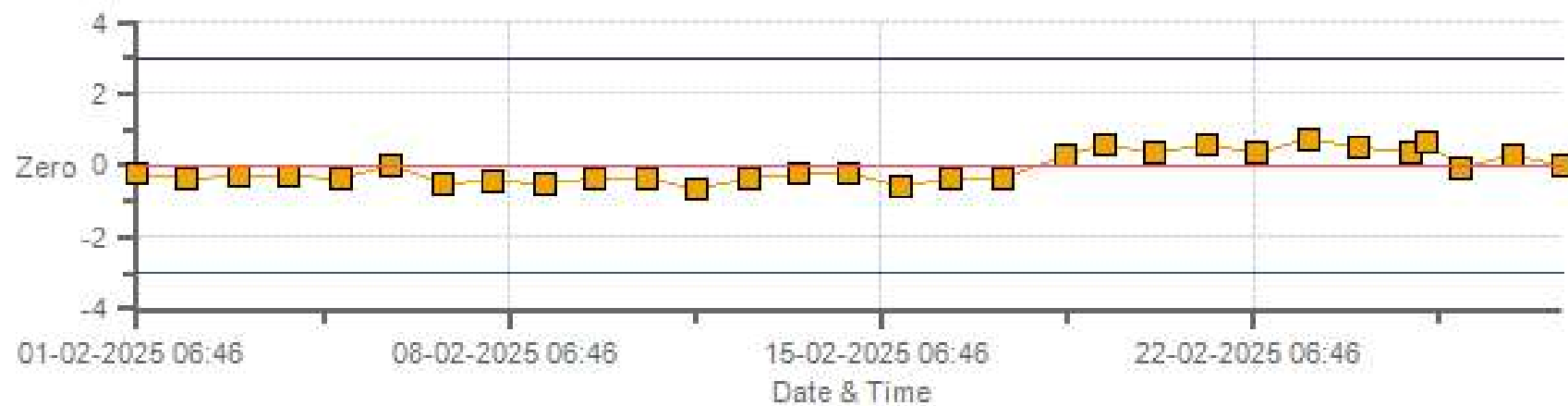
Zero Zero Ref Zero Low Zero High

SO₂[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



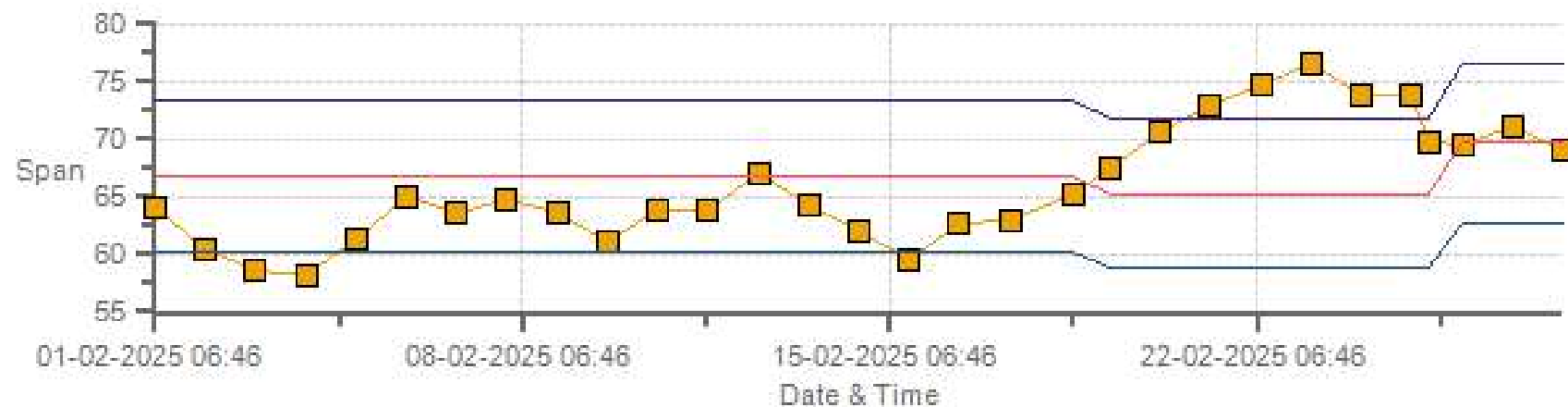
Span SpanRef Span Low Span High

H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



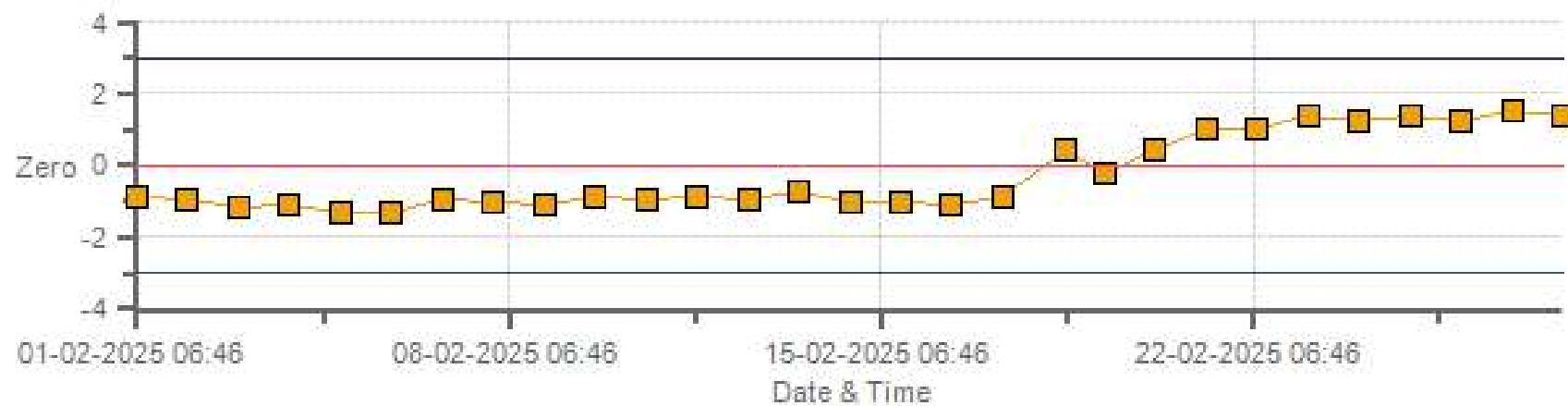
Zero Zero Ref Zero Low Zero High

H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



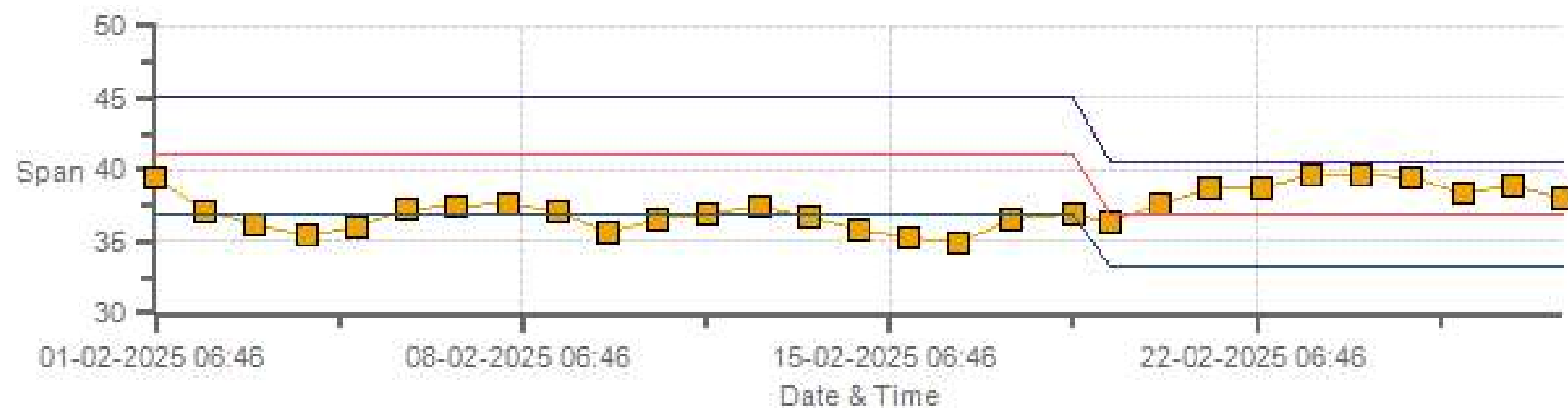
Span SpanRef Span Low Span High

TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



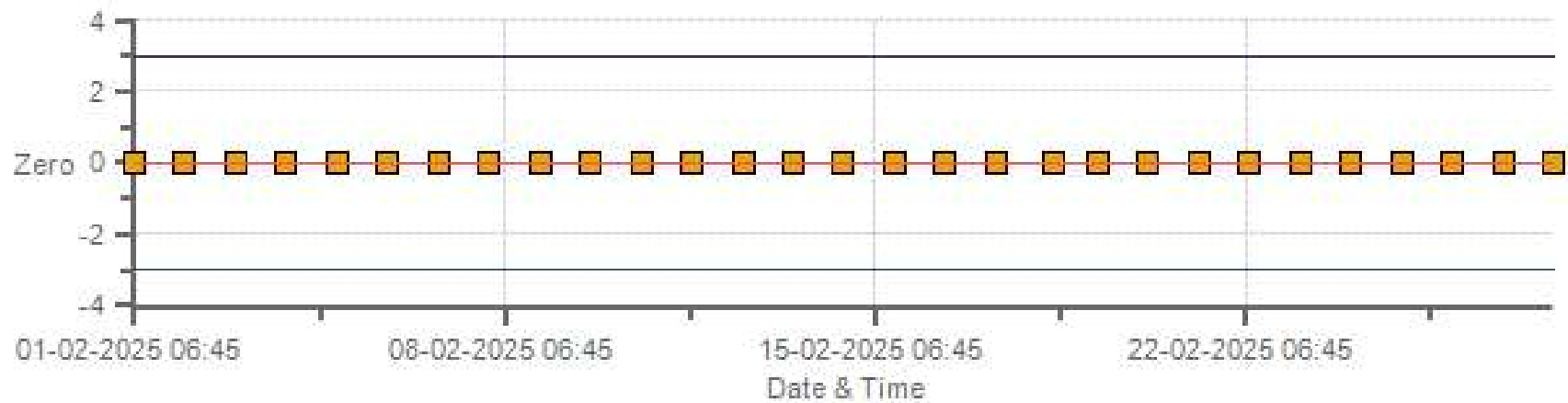
Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



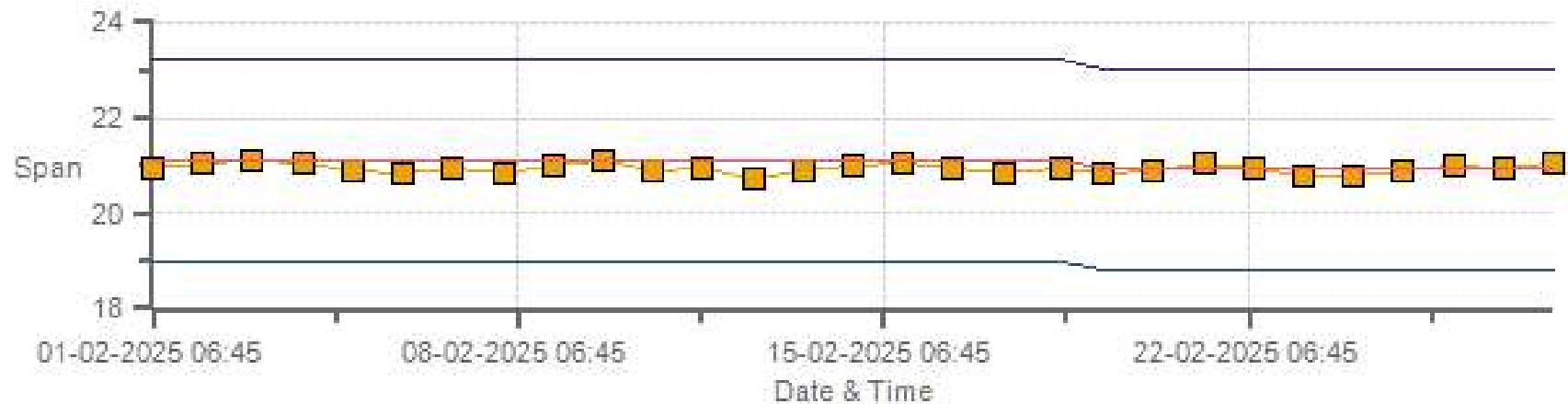
Span SpanRef Span Low Span High

THC55[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



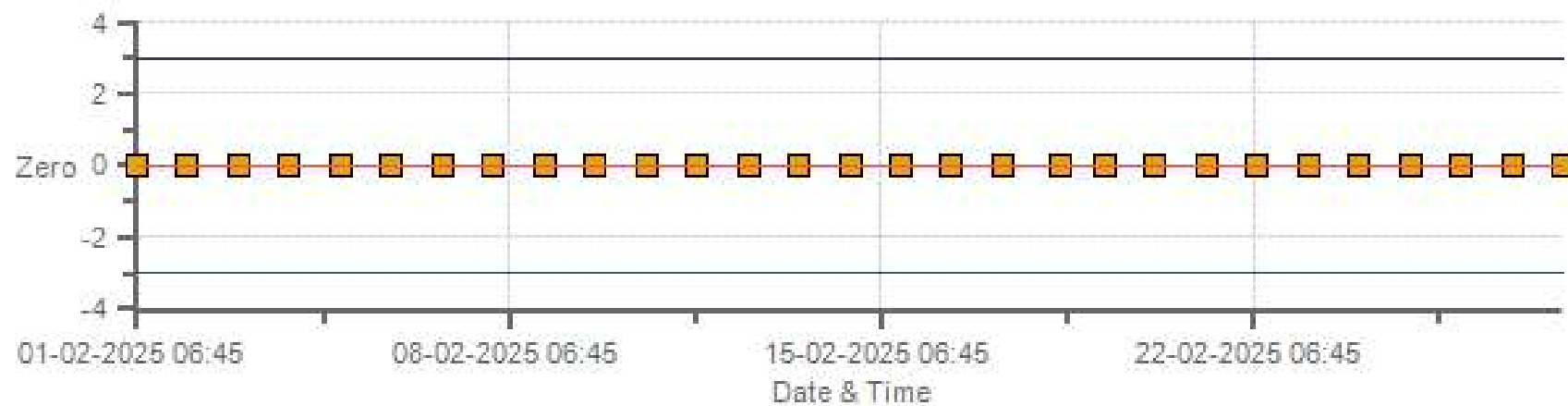
Zero Zero Ref Zero Low Zero High

THC55[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



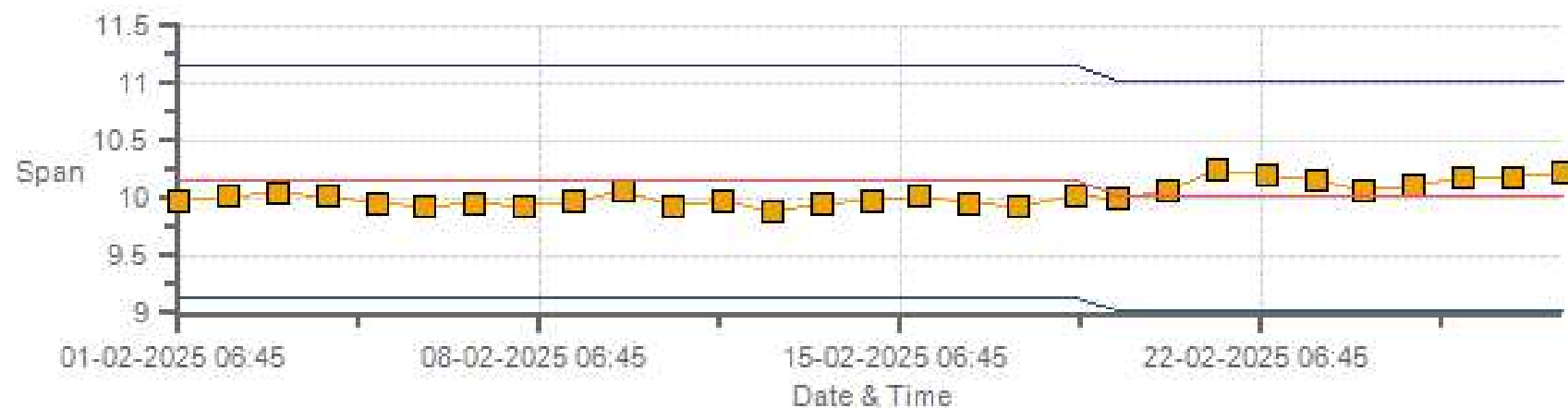
Span SpanRef Span Low Span High

CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



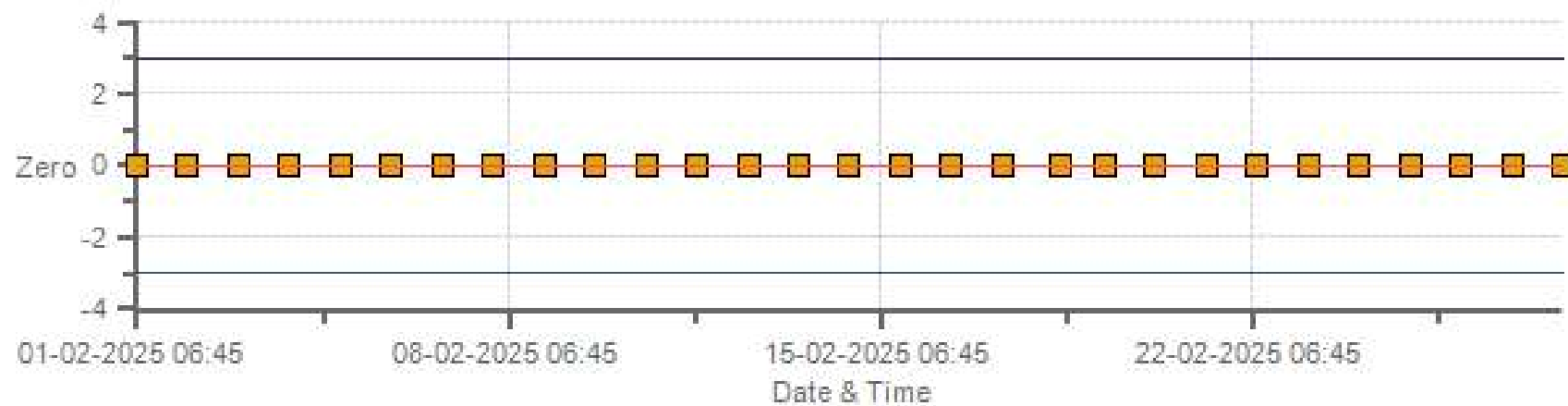
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



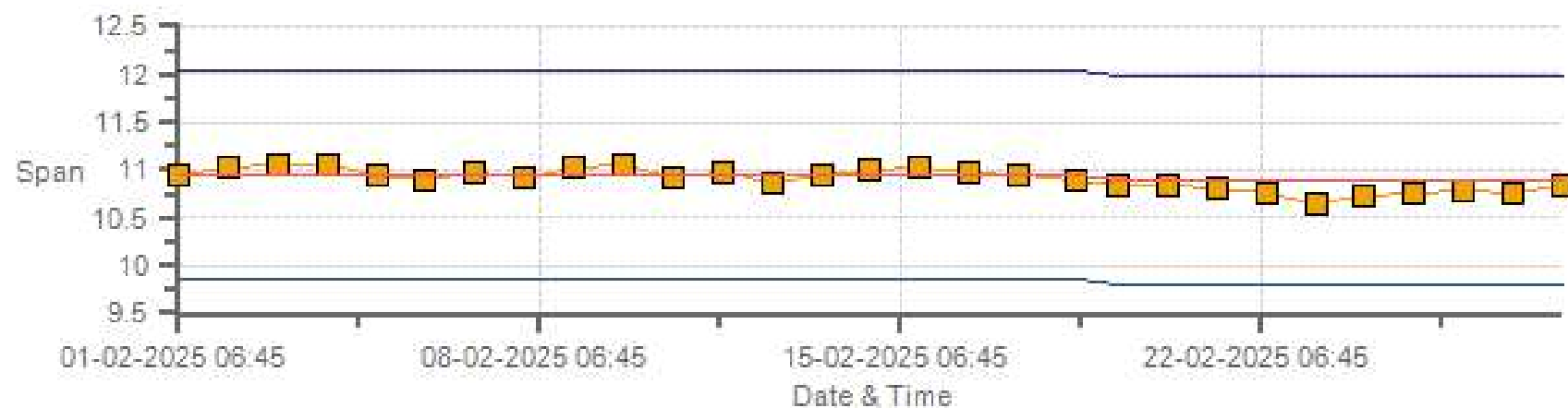
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 02-2025 Type: SpanAndZero - Span



Span Span Ref Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	18-Feb-2025	PREVIOUS CALIBRATION DATE:	n/a
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	n/a
CLIENT:	PRAMP	TEMPERATURE (°C):	20.5
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	956
PURPOSE:	Install/Post-Repair	START TIME (MST):	14:51
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	18:26

ANALYZER:

MAKE/MODEL	Thermo 43i	RANGE	500 ppb
SERIAL #	1034746225	FLOW (mL/min)	452
INITIAL		FINAL	
BKG/OFFSET	n/a	BKG/OFFSET	24.4
COEF/SLOPE	n/a	COEF/SLOPE	1.153
Expected (reference) Value	n/a	Expected (reference) Value	406.2

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002518	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1500	LOW ID	n/a
EXPIRY DATE	14-Feb-2028	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	390	190	95
RANGE	300 - 400	150 - 200	50 - 100

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

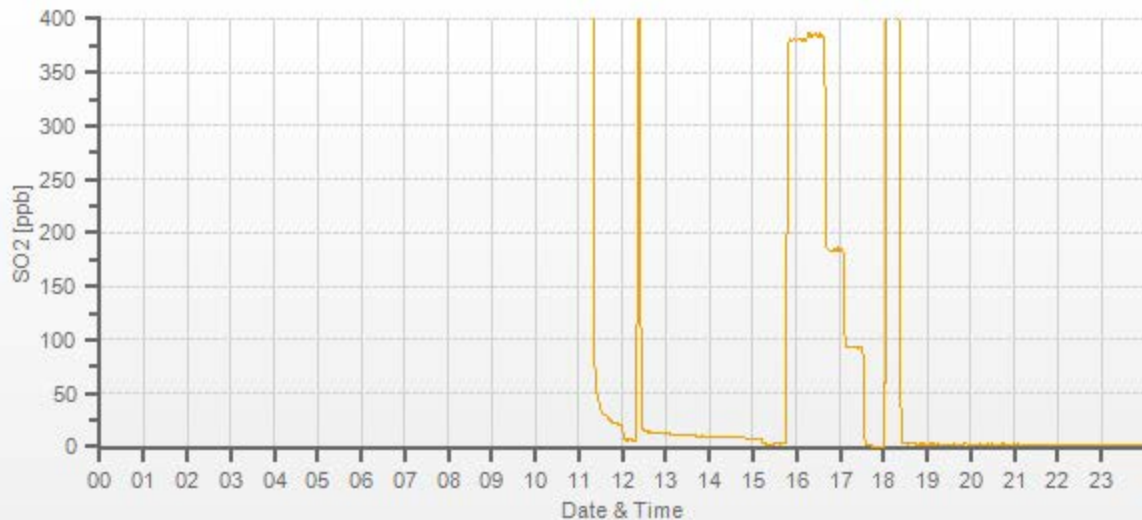
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4001	60.60	4001	0.00	n/a	0	n/a	0.995
3939	60.60	4000	380.27	n/a	382.2	n/a	0.995
3970	28.70	3999	180.14	n/a	181.6	n/a	0.992
3984	14.40	3998	90.41	n/a	90.8	n/a	0.996

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.005	0.0%

COMMENTS:

Sample filter changed
Pump swapped



H2S Analyzer Calibration by Dilution



DATE:	18-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025
PARAMETER:	H2S	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	20.5
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	956
PURPOSE:	Routine	START TIME (MST):	11:20
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	18:26

ANALYZER:

MAKE/MODEL	Teledyne T100	RANGE	100 ppb
SERIAL #	1014	FLOW (mL/min)	510
INITIAL		FINAL	
BKG/OFFSET	8.46	BKG/OFFSET	7.969
COEF/SLOPE	1.801	COEF/SLOPE	1.88
Expected (reference) Value	66.8	Expected (reference) Value	65.3

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	12:49	SO2 Conc (ppb)	380
END TIME:	13:04	Analyzer Response (ppb)	0.1

CALIBRATION:

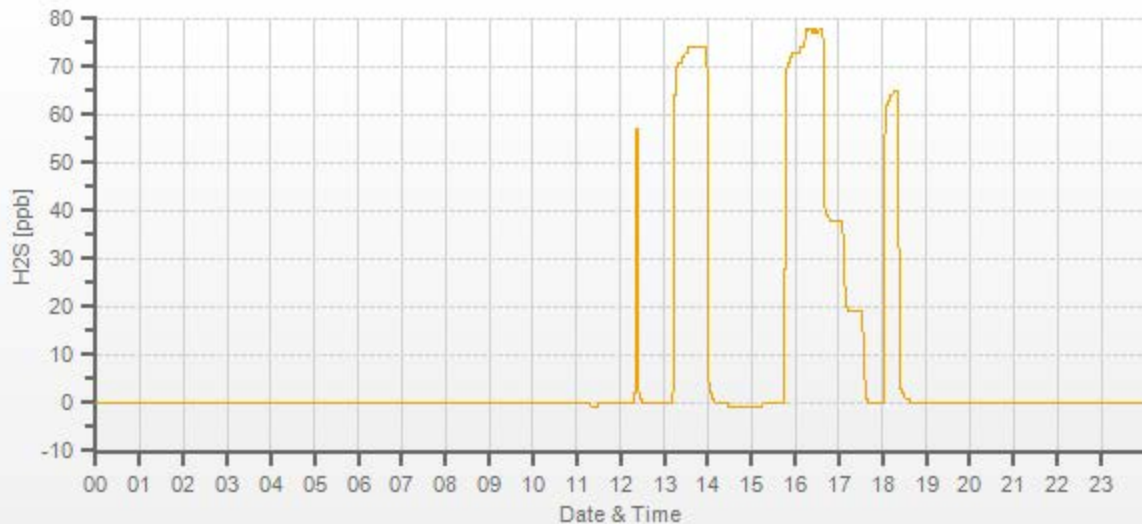
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3995	30.90	3995	0.00	0.1	0	1.053	1.003
3969	30.90	4000	77.95	74.1	77.7	1.053	1.003
3984	15.10	3999	38.10	n/a	38.4	n/a	0.992
3991	7.50	3998	18.93	n/a	19.1	n/a	0.991

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.996	0.2%

COMMENTS:

Actual Model = Teledyne T101 (BV analyzer)
Sample filter changed



H2S Analyzer Calibration by Dilution



DATE:	25-Feb-2025	PREVIOUS CALIBRATION DATE:	18-Feb-2025
PARAMETER:	H2S	PREVIOUS CORRECTION FACTOR:	1.003
CLIENT:	PRAMP	TEMPERATURE (°C):	22.0
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	927
PURPOSE:	Repeat	START TIME (MST):	09:19
PERFORMED BY:	Limin Li	END TIME (MST):	13:22

ANALYZER:

MAKE/MODEL	Teledyne T100	RANGE	100 ppb
SERIAL #	1014	FLOW (mL/min)	500.2
INITIAL		FINAL	
BKG/OFFSET	7.969	BKG/OFFSET	8.33
COEF/SLOPE	1.88	COEF/SLOPE	1.8
Expected (reference) Value	65.3	Expected (reference) Value	69.7

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Sabio
MODEL:	2010	MODEL:	2020EXP
ID:	042531101	ID:	18500921
MFC CALIBRATION DATE:	13-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131372	HIGH ID	n/a
CONC (ppm):	10.14	EXPIRY DATE	n/a
CYLINDER (psi):	1600	LOW ID	n/a
EXPIRY DATE	22-Mar-2027	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	n/a	SO2 Conc (ppb)	n/a
END TIME:	n/a	Analyzer Response (ppb)	n/a

CALIBRATION:

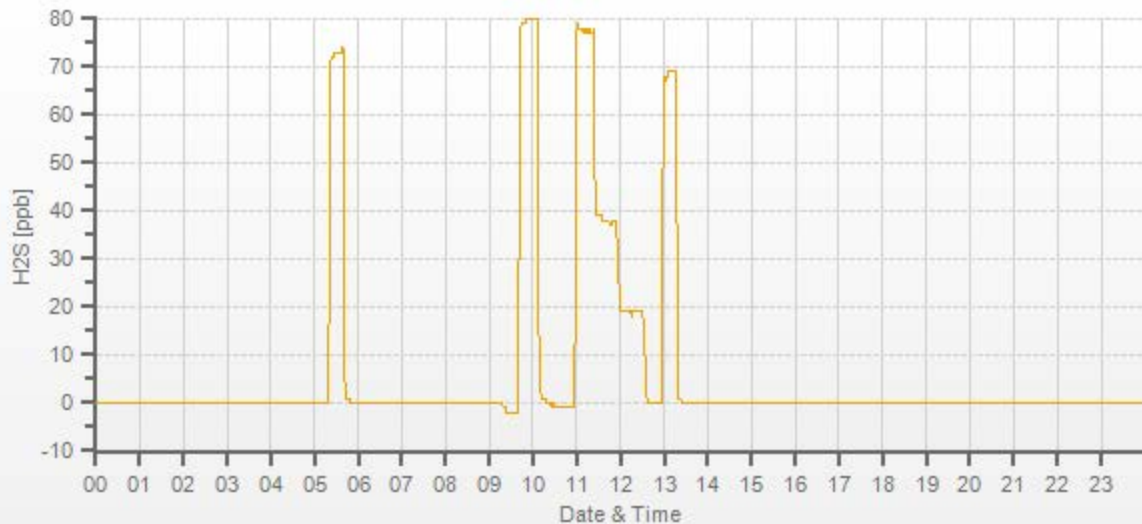
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
7500	57.70	7500	0.00	-0.9	0	0.956	0.999
7442	57.70	7500	78.01	80.7	78.1	0.956	0.999
7472	28.10	7500	37.99	n/a	38.3	n/a	0.992
7486	14.10	7500	19.06	n/a	19.1	n/a	0.998

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.001	0.1%

COMMENTS:

Actual Model = Teledyne T101 (BV analyzer)



TRS Analyzer Calibration by Dilution



DATE:	18-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	20.5
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	956
PURPOSE:	Routine	START TIME (MST):	11:20
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	18:26

ANALYZER:

MAKE/MODEL	Thermo 450i	RANGE	100 ppb
SERIAL #	1034746224	FLOW (mL/min)	699
INITIAL		FINAL	
BKG/OFFSET	31.6	BKG/OFFSET	30.1
COEF/SLOPE	1.101	COEF/SLOPE	1.085
Expected (reference) Value	41.06	Expected (reference) Value	36.87

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	80
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	LL131374	HIGH ID	n/a
CONC (ppm):	10.09	EXPIRY DATE	n/a
CYLINDER (psi):	600	LOW ID	n/a
EXPIRY DATE	03-Jan-2026	EXPIRY DATE	n/a

CALIBRATION PARAMETERS:

POINT	HIGH	MID	LOW
TARGET	78	38	19
RANGE	60 - 80	30 - 40	10 - 20

SCRUBBER CHECK (15 MINS; TRS/H2S ONLY):

START TIME:	12:49	SO2 Conc (ppb)	380
END TIME:	13:04	Analyzer Response (ppb)	0.0

CALIBRATION:

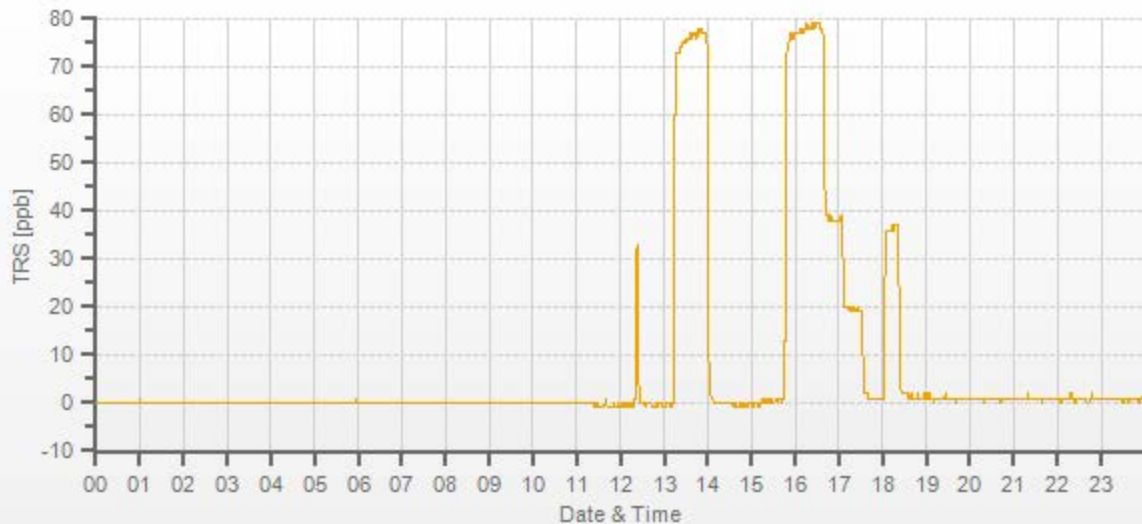
FLOW RATES			CONCENTRATION (ppb)			CORRECTION FACTOR	
(mL/min)			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3995	30.90	3995	0.00	-0.74	0	1.003	0.994
3969	30.90	4000	77.95	76.96	78.45	1.003	0.994
3984	15.10	3999	38.10	n/a	37.72	n/a	1.010
3991	7.50	3998	18.93	n/a	19.18	n/a	0.987

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.005	-0.1%

COMMENTS:

Sample filter changed



Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	18-Feb-2025	PREVIOUS CALIBRATION DATE:	23-Jan-2025	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	20.5		Thermo 55i	1034745845	1125
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	956	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	11:20	RANGE (ppm):	20	20	40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	15:55	PREVIOUS CF:	0.996	1.005	1.000

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL68768	HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH ₄ /C ₃ H ₈ (ppm):	897.0 301.0	HIGH EXPIRY:	n/a
ID:	58100720	ID:	80	CYLINDER (psi):	400	LOW ID:	n/a
MFC CALIBRATION DATE:	16-Sep-2024	OXIDIZER ID:	n/a	EXPIRY DATE	08-Nov-2029	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	827.75	Use Zero Chrom?	No
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1724.75	New Zero Chrom?	No

EXPECTED (REFERENCE) VALUE:

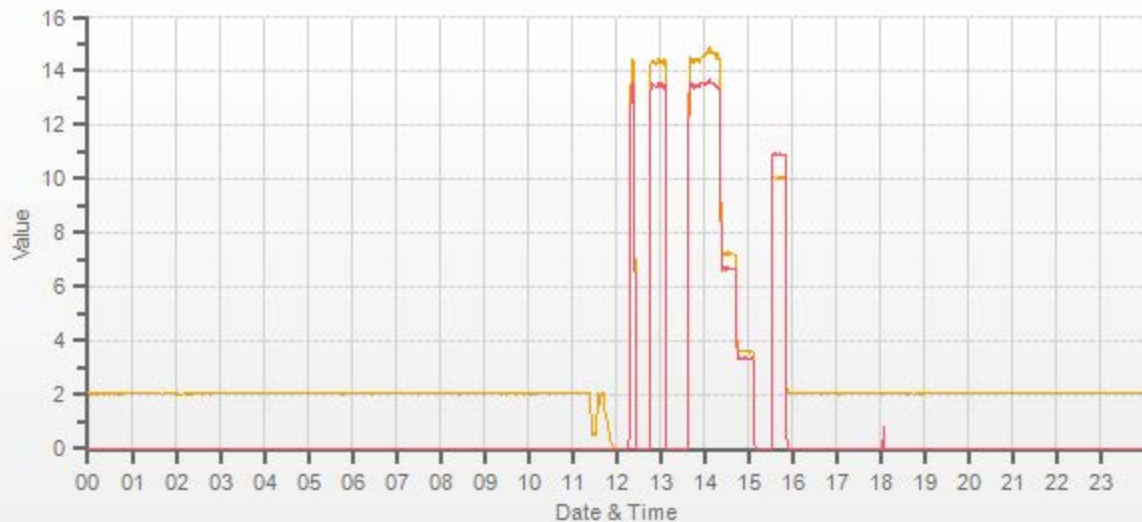
INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	10.15	10.95	21.10		10.02	10.90	20.92

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3499	X	3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	X	X	X	X	X	X
3436	56.80	3493	14.59	13.46	28.05	14.36	13.49	27.84	14.56	13.40	27.96	1.016	0.998	1.007	1.002	1.004	1.003
3471	28.40	3499	7.28	6.72	14.00	n/a	n/a	n/a	7.23	6.67	13.90	n/a	n/a	n/a	1.007	1.007	1.007
3486	14.20	3500	3.64	3.36	7.00	n/a	n/a	n/a	3.61	3.33	6.94	n/a	n/a	n/a	1.008	1.008	1.008

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT	Comments: Sample Filter Changed
CH ₄	1.000	0.998	-0.1%	
NMHC	1.000	0.996	0.0%	
THC	1.000	0.997	-0.1%	



CAL-PRAMP-202502-01698

Meteorological System Checklist



Date:	February 18, 2025		
Technician:	Kevin Sebastian		
Station:	Peace River Compliance		
Unit:	Make:		Serial #:
Temperature Sensor:	Rotronic	HC2-S3	20558318
Barometric Pressure Sensor:	MetOne	092	B19577
Relative Humidity Sensor:	Rotronic	HC2-S3	20558318
Anemometer:	RM Young	05305VK	129612
AMBIENT TEMPERATURE SENSOR CHECK			
Previous check date:	January 23, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	F.S. 181341226 expires July 17, 2024		
Reference Temperature (°C):	-15.3		
Station - Ambient Temperature (°C):	-15.8		
Temperature Difference (°C):	0.5		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	January 23, 2025		
Reference Barometer ID:	Brunton 05535 Expires July 17, 2024		
Reference Pressure - Units/Reading:	millibar	949.5	
Station Pressure - Units/Reading:	millibar	952	
Pressure Tolerance +/- 15% of error:	807 - 1092	-0.26%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	January 23, 2025		
Reference Hygrometer ID:	F.S. 181341226 expires July 17, 2024		
Reference Hygrometer % RH- Reading:	64.80		
Station Hygrometer % RH- Reading:	64.00		
RH Tolerance +/- 15% of difference:	55.08 - 74.52	1.2%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	January 23, 2025	Previous check date:	January 23, 2025
Wind Speed Observed (kph):	10~20	Wind Direction Observed:	SW
Wind speed on Data Logger (kph):	10.8	Wind Direction on Data Logger:	SW
		Wind Direction Pass/Fail?:	Pass
Comments			
No issues.			



Meteorological Sensor Audit/Calibration

Location Information

Company: PRAMP
Audit Location: PRC Compliance
Audit Date: September 10, 2024
Calibration Purpose: routine annual

Performed By: Chris Wesson
Reviewed By: Limin Li
Start/End Time (mst): 08:15 - 10:37
Weather Conditions: Sunny

Wind Sensor Information

Sensor ID Data:		Sensor Outputs:	
Sensor Make:	RM Young	Velocity Voltage Output Range:	0-1
Sensor Model:	05305VK	Velocity Unit Output Range:	0-200
Serial #:	129612	Direction Voltage Output Range:	0-1
Previous Cal/Audit Date:	August 3, 2024	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# R9133 expires Oct 18, 2024

Wind Speed Audit Data ****+/- 2% of the average correction factor is the limit****

RPM	Wind Speed Generated kph	Clockwise Wind Speed kph	Counter Clockwise Wind Speed kph	Correction Factor
0	0	0.1	0.1	-
1000	18.4	18.4	18.5	0.999
2000	36.9	36.9	37.0	0.998
3000	55.3	55.4	55.4	0.998
4000	73.7	73.9	73.8	0.998
5000	92.2	92.4	92.2	0.998
6000	110.6	110.9	110.9	0.997
7000	129.0	129.4	129.5	0.997
8000	147.4	148.1	147.9	0.996
9000	165.9	166.7	166.7	0.995
10000	184.3	185.4	185.4	0.994
		The audit meets AMD requirements.	Average Correction Factor=	0.997

Wind Direction Audit Data ****+/- 3° of the absolute average degrees difference for all points is the limit****

Generated Wind Direction 0-360 (Up)	Generated Wind Direction 360-0 (Down)	Indicated Wind Direction 0-360 (Up)	Indicated Wind Direction 360-0 (Down)	Degrees Difference 0-360 (Up)	Degrees Difference 360-0 (Down)	Average Absolute Degrees Difference
0	355	1	354	1.0	1.0	1.0
30	330	31	329	-1.0	1.0	1.0
60	300	62	300	-2.0	0.0	1.0
90	270	93	270	-3.0	0.0	1.5
120	240	122	242	-2.0	-2.0	2.0
150	210	152	213	-2.0	-3.0	2.5
180	180	183	182	-3.0	-2.0	2.5
210	150	212	152	-2.0	-2.0	2.0
240	120	241	122	-1.0	-2.0	1.5
270	90	270	91	0.0	-1.0	0.5
300	60	300	61	0.0	-1.0	0.5
330	30	329	30	1.0	0.0	0.5
355	0	353	2	2.0	2.0	2.0
		The audit meets AMD requirements.	Average Absolute Degrees Difference=		1.4	

Comments:

Declination = 15 deg East
Physical inspection completed, bearings replaced

END OF REPORT

List of SOPs

MONITOR	SOP
SULPHUR DIOXIDE (SO ₂)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
HYDROGEN SULPHIDE (H ₂ S)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
TOTAL REDUCED SULPHUR (TRS)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
TOTAL HYDROCARBONS (THC), METHANE (CH ₄), NON-METHANE(NMHC)	Bureau Veritas EMS SOP-00001: Methane, Non-Methane Hydrocarbon Analyzer Monitoring
OXIDES OF NITROGEN (NO _x), NITRIC OXIDE (NO) & NITROGEN DIOXIDE (NO ₂)	Bureau Veritas EMS SOP-00213: Ambient NO/NO ₂ /NO _x Monitoring
OZONE (O ₃)	Bureau Veritas EMS SOP-00212: Ambient O ₃ Monitoring
PARTICULATE MATTER < 2.5 MICRONS (PM _{2.5})	Bureau Veritas EMS SOP-00015: Teledyne API PM Monitor Model T640
WIND SPEED (WS) & WIND DIRECTION (WD)	Bureau Veritas EMS SOP-00013: RM Young Wind Monitor Calibration



Peace River Area Monitoring Program

FEBRUARY 2025

Monthly Ambient Air Quality Monitoring Integrated Sampling Report

PRAMP-202502-INTEGRATED

March 18, 2025

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Peace River Area Monitoring Program
Suite 91, 305 – 4625 Varsity Drive NW
Calgary, AB, T3A 0Z9
Phone #: 780-226-7068 / 587-225-2248
E-mail: pramptech@prampairshed.ca
www.prampairshed.ca

March 18, 2025

Alberta Environment and Protected Areas (EPA)
11th Floor, Oxbridge Place
9820 106 Street
Edmonton, AB, T5K 2J6

RE: PRAMP – February 2025 Monthly Ambient Air Quality Monitoring Integrated Sampling Report

Enclosed is the February 2025 Monthly Ambient Air Quality Monitoring Integrated Sampling Report for the Peace River Area Monitoring Program's (PRAMP) regional air quality monitoring network. This report summarizes monitoring data for samples collected using integrated methods, including volatile organic compounds (NMHC canister sampling program), hydrogen sulphide, and sulphur dioxide (passive sampling program).

The representative of the Person Responsible for this monitoring program is

PRAMP Airshed
Michael Bisaga / Lily Lin, Technical Program Managers
Suite 91, 305 – 4625 Varsity Drive NW
Calgary, AB, T3A 0Z9
Phone #: 780-226-7068 / 587-225-2248
E-mail: pramptech@prampairshed.ca

This report has been prepared, reviewed and submitted by Michael Bisaga & Lily Lin of the PRAMP Airshed. This report is also submitted on behalf of the industrial member companies to satisfy the requirements of the facility Operating Approvals.

NETWORK STATION SUMMARY

Listing of Integrated Sampling Stations

- 986-C Station
- 842-B Station
- Reno-B Station
- Peace River Complex (PRC) Station

Station Name	986-C	842-B	Reno-B	PRC
Station ID	1562	1561	1563	1698
Coordinates	56.36980, -116.92500	56.27406, -116.98129	55.86936, -117.05739	56.38257, -116.769283
NMHC Canister (VOCs)	√	√	√	
Passives: 2-Month exposure (PACs)	√			
Passives: 1-Month Exposure (H ₂ S, SO ₂)				√

Listing of Passives: 1-Month Exposure Sampling Sites

Site ID	Latitude	Longitude
1	56.377841	-116.787142
2	56.378638	-116.780496
3	56.382958	-116.783813
4	56.377044	-116.794220
7	56.384796	-116.780488
8	56.388710	-116.771234
9	56.388943	-116.756205
10	56.388642	-116.797817
11	56.383771	-116.841165
12	56.388962	-116.885263
13	56.390972	-116.822083
14	56.424825	-116.853181
15	56.38257	-116.769283

List of Contractors who performed the air monitoring activities

Sampling Program	Monitoring Activities Conducted By	Sample Analysis Conducted By	Data/Report Prepared By	Electronic Submission Conducted By
NMHC Canister (VOCs)	Bureau Veritas	InnoTech Alberta Inc	PRAMP	PRAMP
Passives: PACs	PRAMP	ECCC	EPA	EPA
Passives: H ₂ S, SO ₂	PRAMP	Bureau Veritas	PRAMP	PRAMP

Monitoring Notes during the Month of February 2025

- **NMHC Canister Sampling Program - Volatile Organic Compounds (VOCs)**
 - The canister sampling program collects a 1-hour sample of air when the continuously measured non-methane hydrocarbon (NMHC) concentration reaches a specified trigger point. The current trigger point is 0.3 ppm for non-methane hydrocarbons. The trigger point is based on real-time monitoring data that are averaged over a 5-minute period.
 - No valid NMHC canister events were recorded this month.

- **Passive Polycyclic Aromatic Compounds (PACs) Sampling Program**
 - The PAC sampling program began in December 2019, and is designed to collect a 2-month integrated sample.
 - The sample media for sampling period of January and February 2025 were installed on December 31, 2024. They were removed on February 28, 2025.
 - The sample media for sampling period of March and April 2025 were installed on February 28. They are scheduled to be removed by the end of April.

- **Passives H₂S and SO₂ Sampling Program**
 - There were no exceedances of the AAAQOs for all monitored parameters at any of the passive stations during this month.
 - The passive sample filters were installed at the stations on January 31, and were removed on March 3.

Revisions to Alberta's Ambient Air Quality Data Warehouse

No revisions to historical data previously submitted to the Alberta's Ambient Air Quality Data Warehouse were made this month.

Deviations from Authorized Monitoring Methods

There were no deviations from authorized monitoring methods.

Certification

The report was prepared and submitted by Lily Lin in accordance with Chapter 9 of the Air Monitoring Directive (AMD 2016).



Lily Lin, Technical Program Manager, PRAMP Airshed

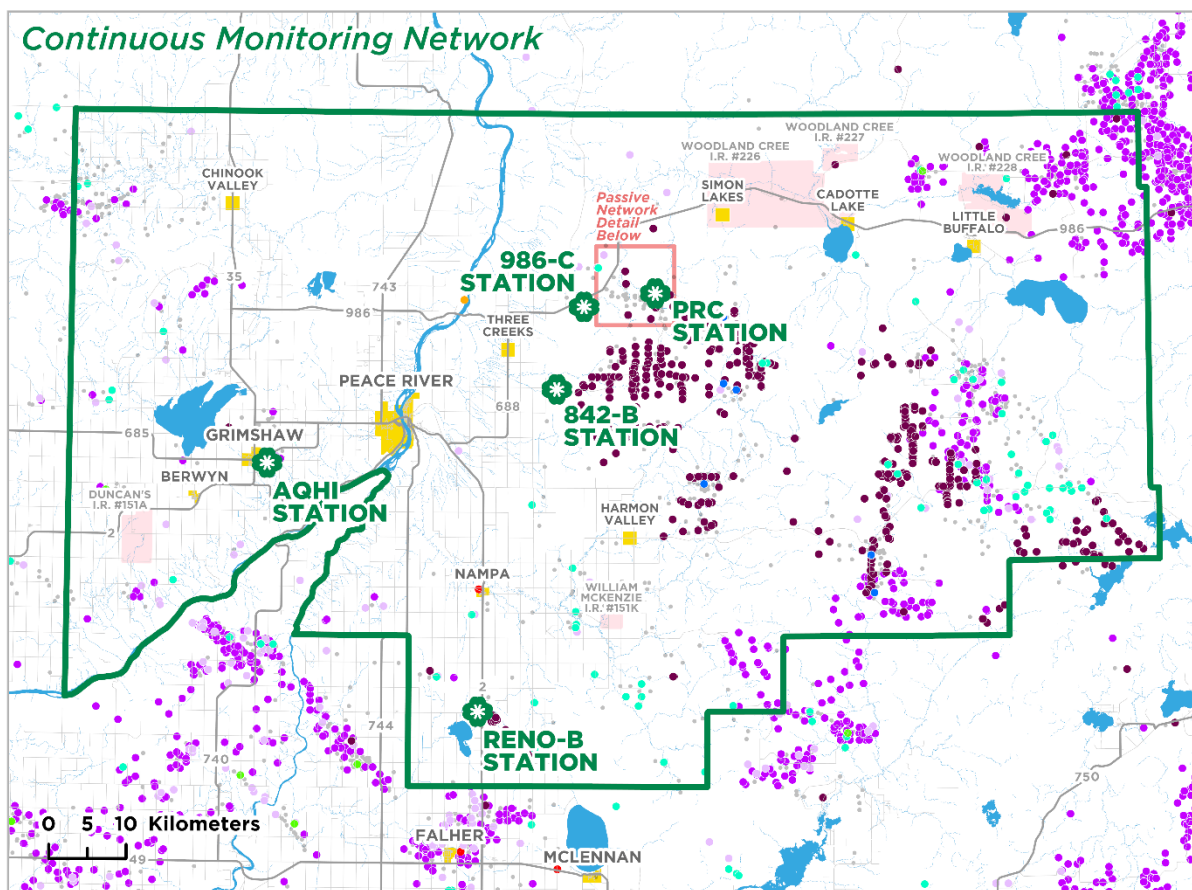
The report was reviewed by Mike Bisaga in accordance with Chapter 9 of the Air Monitoring Directive (AMD 2016).

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. I also certify that at the time of this report's submission, all air data have been electronically uploaded to Alberta ETS as required by the AMD.



Michael Bisaga, Technical Program Manager, PRAMP Airshed
February 14, 2025

Map of PRAMP Continuous Monitoring and Integrated Sampling Network



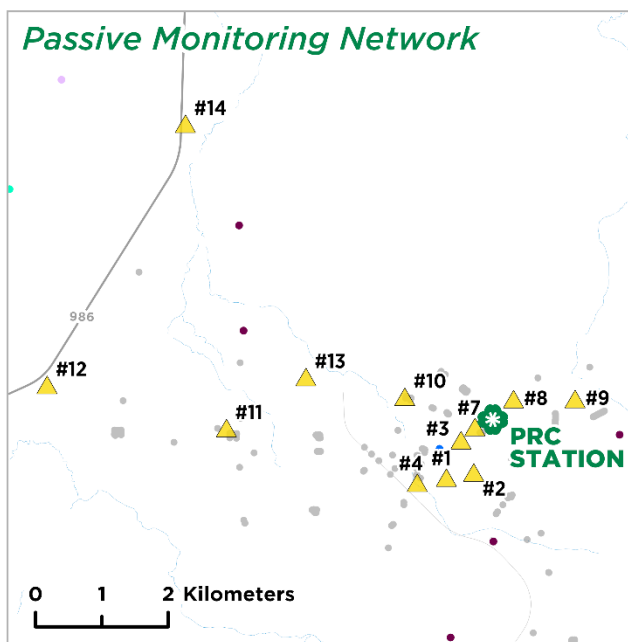
Legend

- PRAMP Boundary
- Populated Place
- First Nation
- * Continuous Monitoring Station
- ▲ Passive Monitoring Station

Industrial Facilities

- In-Situ Oil Sands
- Heavy Oil/Bitumen Well or Battery
- Conventional Oil Well or Battery
- Natural Gas Well or Battery
- Gas Plant or Gas Processing
- Compressor Station or Pipeline
- Agricultural Storage and Transfer
- Pulp and Paper
- Well (Not Associated with Batteries)

Service Layer Credit: Esri, CGIAR, USGS, Esri, USGS



INTEGRATED SAMPLING RESULTS SUMMARY

- **NMHC analytical results**

No valid canister events were recorded this month.

- **Passive analytical results**

	H ₂ S		SO ₂	
Minimum (ppb)	0.06	#2	0.2	#11
Maximum (ppb)	0.26	#10	0.5	#1
Average (ppb)	0.13	-	0.42	-

ANALYTICAL SAMPLING RESULTS

Passives

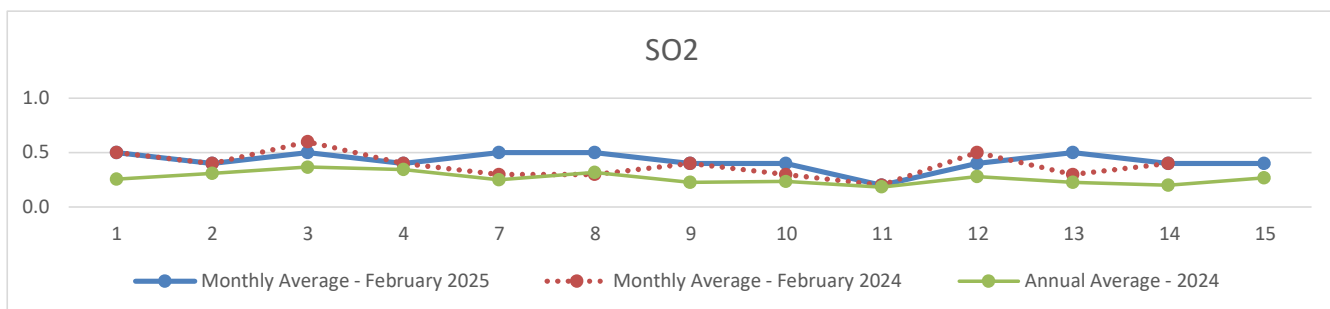
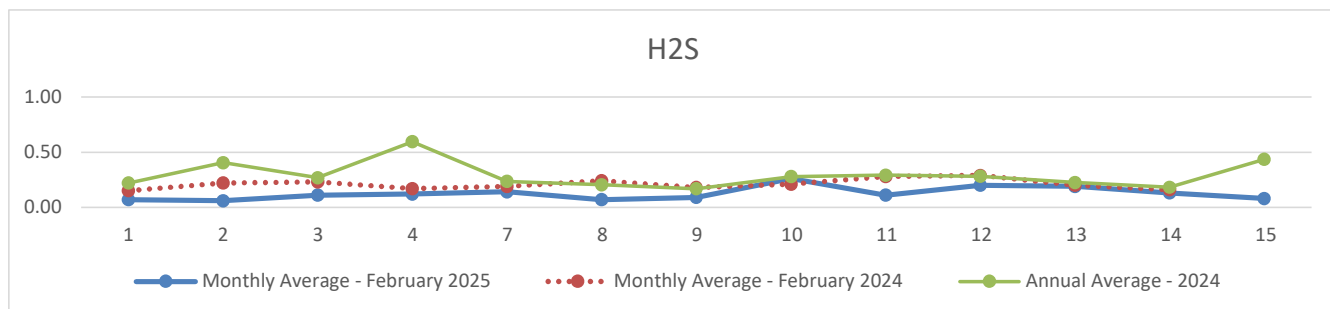


PEACE RIVER AREA MONITORING PROGRAM

PRC Site - February 2025

Passive Results

	H ₂ S		SO ₂	
Minimum (ppb)	0.06	#2	0.2	#11
Maximum (ppb)	0.26	#10	0.5	#1
Average (ppb)	0.13	-	0.42	-
No.	Calculated Value		Calculated Value	
1	0.07		0.5	
2	0.06		0.4	
3	0.11		0.5	
4	0.12		0.4	
7	0.14		0.5	
8	0.07		0.5	
9	0.09		0.4	
10	0.26		0.4	
11	0.11		0.2	
12	0.20		0.4	
13	0.19		0.5	
14	0.13		0.4	
15	0.08		0.4	
Reportable Detection Limit (RDL)	0.02		0.1	



End of Report



Peace River Area Monitoring Program

FEBRUARY 2025

Ambient Air Monitoring

Certified Laboratory Analysis Report

LAB-PRAMP-202502

Operation and Maintenance:

Bureau Veritas Canada

Data Validation and Report:

Peace River Area Monitoring Program

March 17, 2025

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Passive Sampling Analytical Results



6744 - 50 St. Edmonton AB Canada T6B 3M9

Ph (780) 378-8500, Toll free (800) 386-7247, Fax (780) 378-8699

Bureau Veritas Job Number:

PASSIVE AIR CHAIN OF CUSTODY

Page ____ of ____

Invoice To	
Company Name	Peace River Area Monitoring
Contact Name	Brenda Barber / Karla Reesor
Address	Suite 91, 305-4625 Varsity Drive NW
City/Postal Code	Calgary, T3A 0Z9
Phone/Fax#	##

Report To	
Name & Email Address	
Michael and Lily	
pramptech@prampalrshed.ca	

Service Requested	
☐ RUSH	(Please contact for TAT)
☐ REGULAR	

Company Name
Peace River
Project Name/LSD
Passive monitoring Program

ANALYTICAL INFORMATION

Analysis Required

Sample ID or Location (LSD)	Sample Start Date (DD/MM/YY)	Time (24 hrs) (HH:MM)	Sample End Date (DD/MM/YY)	Time (HH:MM)	Volume (m3) PM/TSP Only	SO2	H2S	NO2	O3	NH3	PM2.5	PM10	TSP	Dustfall				
1	01/31/25	8:00	03/03/25	1:00 pm		X	X											
2						X	X											
3						X	X											
4						X	X											
7						X	X											
8						X	X											
9						X	X											
10						X	X											
11						X	X											
12						X	X											
13						X	X											
14						X	X											
15		12:00		4:30 pm		X	X											
Blank						X	X											
Blank						X	X											

Notes/Comments: Client 12521 / Scenario 18009

Sampled By Bo Guerin Phone/Email 6181880 Received By Bo Guerin Date/Time 03/03/25 Project # CNRL PRC
Date Shipped 03/03/25 Signature [Signature] PO# 1580215 H2S 03 25 03 05

PTC FCD-00457/4

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>.

LAB-PRAMP-202502

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COR100



Your Project #: 2025/01/31-2025/03/03
Site Location: PEACE RIVER COMPLEX

Attention: Michael and Lily

Peace River Area Monitoring Program Committee
Three Creeks
Suite 91, 305 –
4625 Varsity Drive NW
Calgary, AB
CANADA T3A0Z9

Report Date: 2025/03/17
Report #: R3634719
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C519947

Received: 2025/03/05, 08:00

Sample Matrix: Air
Samples Received: 13

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
H2S Passive Analysis	13	2025/03/14	2025/03/14	PTC SOP-00150	Passive H2S in ATM
SO2 Passive Analysis	13	2025/03/06	2025/03/14	PTC SOP-00149	Passive SO2 in ATM

This report shall not be reproduced except in full, without the written approval of the laboratory.
Results relate only to the items tested.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Rowena Geron
Customer Service Associate
17 Mar 2025 10:17:29

Please direct all questions regarding this Certificate of Analysis to:
Customer Service Passives,
Email: PassiveAir@bureauveritas.com
Phone# (780) 378-8500

=====

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RESULTS OF CHEMICAL ANALYSES OF AIR

Bureau Veritas ID		DFV019	DFV020	DFV021	DFV022	DFV023	DFV024	DFV025		
Sampling Date		2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00		
	UNITS	1	2	3	4	7	8	9	RDL	QC Batch

Passive Monitoring										
Calculated H2S	ppb	0.07	0.06	0.11	0.12	0.14	0.07	0.09	0.02	B719928
Calculated SO2	ppb	0.5	0.4	0.5	0.4	0.5	0.5	0.4	0.1	B711214

RDL = Reportable Detection Limit

Bureau Veritas ID		DFV026	DFV027	DFV028	DFV029	DFV030	DFV031		
Sampling Date		2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 08:00	2025/01/31 12:00		
	UNITS	10	11	12	13	14	15	RDL	QC Batch

Passive Monitoring										
Calculated H2S	ppb	0.26	0.11	0.20	0.19	0.13	0.08	0.02		B719928
Calculated SO2	ppb	0.4	0.2	0.4	0.5	0.4	0.4	0.1		B711214

RDL = Reportable Detection Limit



**BUREAU
VERITAS**

Bureau Veritas Job #: C519947
Report Date: 2025/03/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/01/31-2025/03/03
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

GENERAL COMMENTS

Results relate only to the items tested.



Bureau Veritas Job #: C519947
Report Date: 2025/03/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/01/31-2025/03/03
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B711214	OZ	Spiked Blank	Calculated SO2			99	%	90 - 110
B711214	OZ	Method Blank	Calculated SO2		<0.1		ppb	
B719928	SDK	Spiked Blank	Calculated H2S			100	%	90 - 110
Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.								
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.								



BUREAU
VERITAS

Bureau Veritas Job #: C519947
Report Date: 2025/03/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/01/31-2025/03/03
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Yang Liu, Laboratory Supervisor

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End of Report