Peace River Area Monitoring Program

OCTOBER 2025

Monthly Ambient Air Quality Monitoring Report

PRAMP-202510

Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Peace River Area Monitoring Program

November 17, 2025

Pages may be left blank for double-sided printing

Table of Contents

LIST OF ACRONYMS 5
COVER LETTER 6
NETWORK STATION SUMMARY 7
Listing of Continuous Monitoring Stations 7
Listing of Intermittent Monitoring Stations 7
Listing of PRAMP member with EPEA Facility Operating Approval 7
Calibration and Data Submission 7
Monitoring Operations Notes during the Month of October 2025 8
986-C Station 8
842-B Station 8
Reno-B Station 8
PRC Station 8
AQHI – Grimshaw Station 8
Exceedances of the AAAQOs and AAAQGs during the Month of October 2025 8
Non-compliance Events during the Month of October 2025 9
VOCs Canister Sampling Program 9
Revisions to Alberta's Ambient Air Quality Data Warehouse 10
Deviations from Authorized Monitoring Methods 10
Disclaimer 10
Certification 11
Map of PRAMP Continuous Monitoring Network 12
CONTINUOUS NETWORK EQUIPMENT AND MONITORING RESULTS SUMMARY 13
986 -C Station 14
842-B Station 19
Reno-B Station 23
PRC Station 27
AQHI – Grimshaw Station 31
TABLES, CHARTS AND WIND ROSES 35
986-C STATION 36
842-B STATION 57
RENO -B STATION 78

PRC STATION 99
AQHI GRIMSHAW STATION 121
END OF REPORT 152

LIST OF ACRONYMS

AAAQOs	Alberta Ambient Air Quality Objectives
AEP	Alberta Environment and Parks
AMD	Air Monitoring Directive
AT	Ambient Temperature
BP	Barometric Pressure
CH4	Methane
EPEA	Environmental Protection and Enhancement Act
H2S	Hydrogen Sulphide
kph	kilometers per hour
mb	millibar
mm	millimeter
NMHC	Non-Methane Hydrocarbon
ppb	parts per billion
ppm	parts per million
PRAMP	Peace River Area Monitoring Program
RH	Relative Humidity
SO2	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

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

November 17, 2025

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

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

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

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 October 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 October 2025

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

- **THC/CH4/NMHC:** Due to injection issues, the Thermo 55i analyzer, s/n: 1505664392, was removed and was replaced by the Thermo 55i analyzer, s/n: 1501663728, on October 27. Shut-down calibration was not possible due to frequent bad injections. A successful installation calibration was completed on October 28.

PRC Station

- No major operational issues were identified this month.

AQHI – Grimshaw Station

- **TRS:** The Teledyne T100U analyzer, s/n: 132 was removed following a successful shut-down calibration. The Thermo 43iQ-TL analyzer, s/n: 12409233394, was installed afterwards. Two hours of downtime were recorded due to this activity.

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

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) and /or Alberta Ambient Air Quality Guidelines (AAAQGs) where applicable, except the 986 -C Station TRS.

- Six 30-minute TRS exceedances were recorded at the 986-C Station.

Date	Time (MST)	Average Period	Concentration (ppb)	Wind speed (km/hr)	Wind Direction	Reference #
Oct 1	19:00	30-Minute	8.77	3.3	157°(SSE)	N/A
Oct 1	19:30	30-Minute	6.47	3.4	176°(S)	N/A
Oct 1	20:00	30-Minute	6.09	1.3	188°(S)	N/A
Oct 1	20:30	30-Minute	6.19	3.7	178°(S)	N/A
Oct 1	21:00	30-Minute	9.41	4.7	120°(ESE)	N/A
Oct 1	23:00	30-Minute	7.37	2.1	167°(SSE)	N/A

Non-compliance Events during the Month of October 2025

- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.

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.
- One valid NMHC canister event was recorded at the Reno-B station on October 23 at 04:05; NMHC 5-minute concentration was recorded at 0.32ppm at 04:00.

Revisions to Alberta's Ambient Air Quality Data Warehouse

No revisions to historical data previously submitted to the ETS data system this month**.**

Deviations from Authorized Monitoring Methods

No deviations from authorized monitoring methods were recorded this month.

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).

Lily Lin, Technical Program Manager, PRAMP Airshed

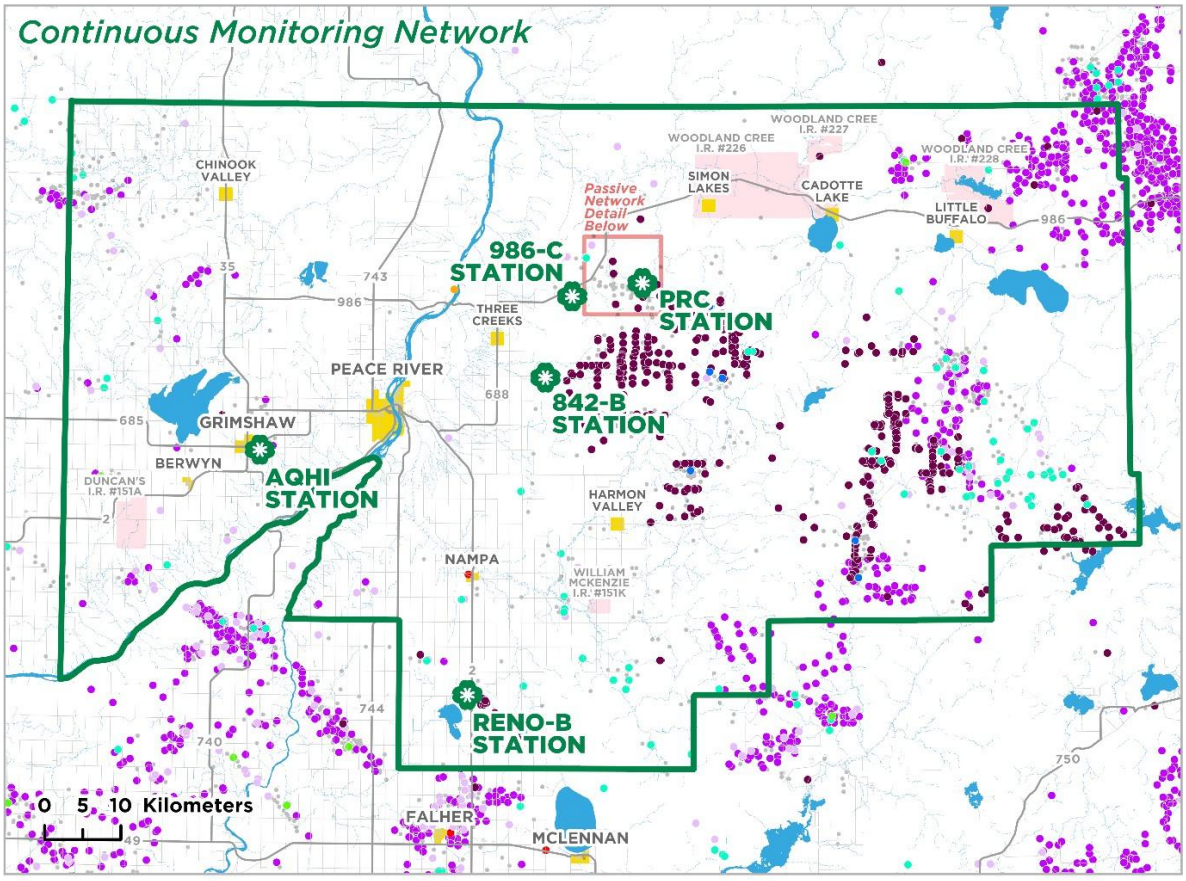
This report was reviewed by Michael Bisaga in accordance with Chapter 9 of the Air Monitoring Directive (AMD 2016).

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.

Michael Bisaga, Technical Program Manager, PRAMP Airshed

November 17, 2025

Map of PRAMP Continuous Monitoring Network

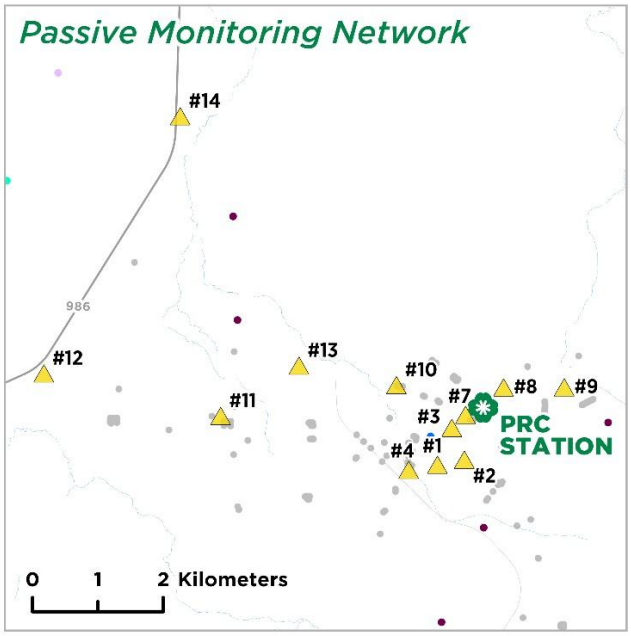


Legend

- 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 Credits: Esri, CGIAR, USGS, Esri, USGS

CONTINUOUS NETWORK EQUIPMENT AND MONITORING RESULTS SUMMARY

986 -C Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQ-TL #1193585646	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.
TRS Thermo 43i-TLE #1152940011 TRS convertor CD Nova CDN-101 #530	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month. Hourly data collected on October 23 at hour 15 was discarded as the analyzer required additional time to recover from the outage.
THC/CH4/NMHC Thermo 55i #1191032505 H2 Generator HG300 #191267063 Zero Air Supply Teledyne T701 #468	October 09, 2025	• No operational issues were identified this month. • H2 desiccant was renewed on October 10. • Forty hours of downtime were recorded due to multiple power failure events this month. Three hours of data were discarded as the analyzer required additional time to recover from the outages.
Parameter	**Verification Date**	**Equipment Operational Summary**
RH Rotronic HC2-S3 #20370767	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.
BP MetOne 092 #Y23358	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.
AT Rotronic HC2-S3 #20370767	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.

Parameter	Verification Date	Equipment Operational Summary
ST COMET #189619	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.
Precipitation RM Young 52202 #TB 16325	October 09, 2025	• No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events this month.
WS/ WD RM Young 05305AQ #180340	October 09, 2025	• Wind direction data contained in this report represents where the wind is coming from. • An annual wind system calibration was completed on August 12, 2025. • No operational issues were identified this month. • Forty hours of downtime were recorded due to multiple power failure events 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	0.1	0	1	Oct 3 at hr 6	23	SSW	0.4	Oct 14	94.6	89.9
TRS (ppb)	-	-	-	-	-	-	0.64	0.00	7.66	Oct 1 at hr 19	3.3	SSE	2.86	Oct 1	94.5	89.8
THC (ppm)	-	-	-	-	-	-	2.03	1.91	2.14	Oct 2 at hr 5	6.6	SE	2.09	Oct 30	94.2	89.6
CH4 (ppm)	-	-	-	-	-	-	2.03	1.91	2.14	Oct 2 at hr 5	6.6	SE	2.09	Oct 30	94.2	89.6
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Oct 1 at hr 0	2.7	NNE	0.00	Oct 1	94.2	89.6
RH (%)	-	-	-	-	-	-	69.9	24	99	Oct 1 at hr 20	2.5	S	97.5	Oct 27	94.6	94.6
BP (millibar)	-	-	-	-	-	-	937	920	950	Oct 28 at hr 9	6.3	WSW	948	Oct 30	94.6	94.6
Ext. Temp. (°C)	-	-	-	-	-	-	4.8	-8.0	21.8	Oct 10 at hr 15	21.4	SW	11.8	Oct 7	94.6	94.6
Stn. Temp. (°C)	-	-	-	-	-	-	22.3	18.6	26.0	Oct 9 at hr 12	22	SSW	23.3	Oct 11	94.6	94.6
Precipitation (mm)*	-	-	-	-	-	-	12.4	0.0	1.2	Oct 17 at hr 0	19.9	W	4.3	Oct 19	94.6	94.6
WSV (km/hr)	-	-	-	-	-	-	5.5	0.4	29.5	Oct 11 at hr 9	29.5	NNW	18.6	Oct 11	94.6	94.6
WDV (sector)	-	-	-	-	-	-	218 (SW)	-	-	-	-	-	-	-	94.6	94.6

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

* Data represents the total (sum) for the indicated time frame

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	6	0.64	0.00	9.41	Oct 1 at 21:00	4.7	ESE	2.86	Oct 1	94.4	89.7

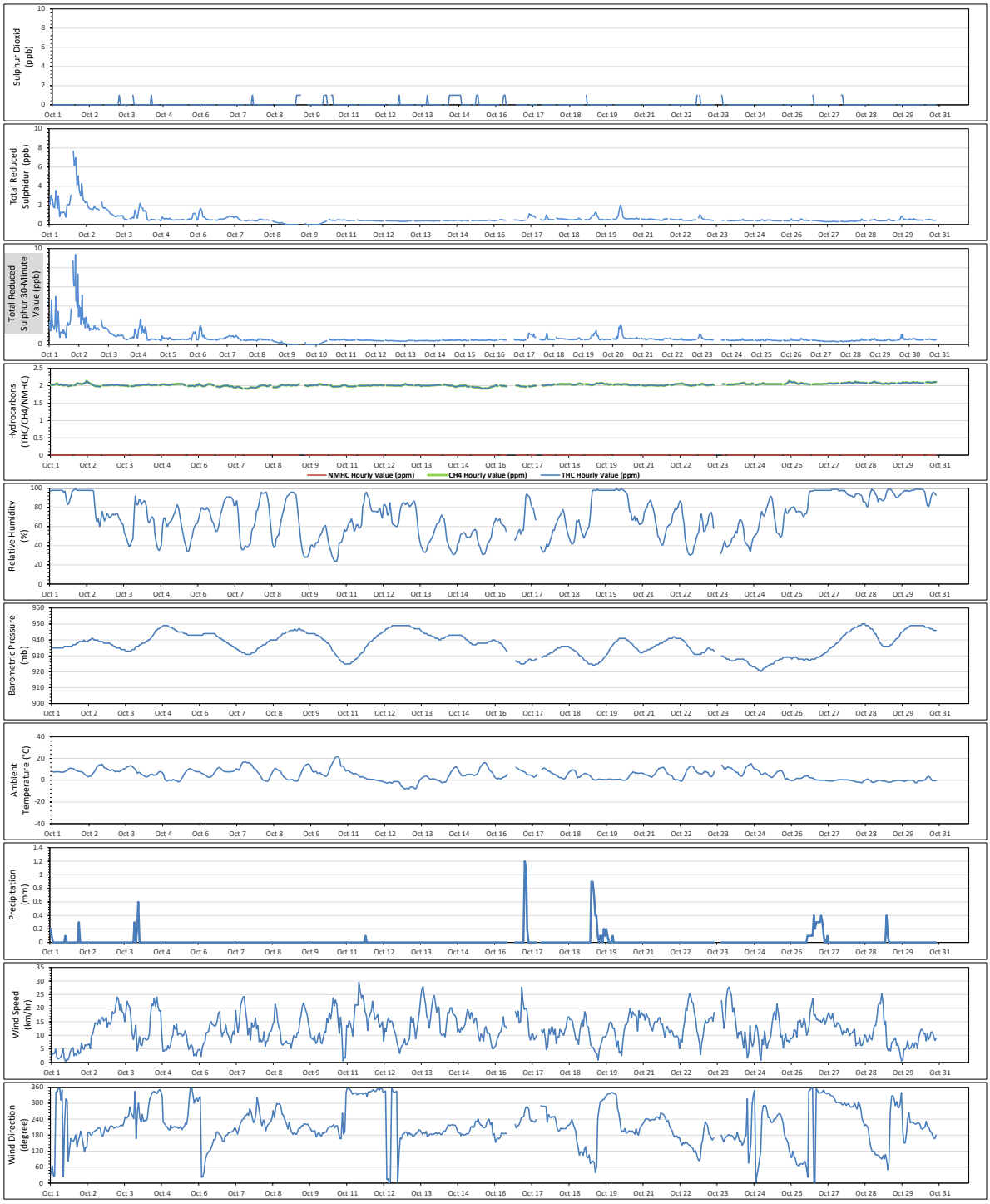
1- Date/ Time given is the first minimum and maximum value that was recorded

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

The following exceedances of AAAQG were observed at the 986-C Station.

Date	Time (MST)	Parameter	Average Period	AAAQOs / AAAQGs	Concentration	Wind speed	Wind Direction	Reference #
Oct 1	19:00	TRS	30-Minute	5 ppb	8.77 ppb	3.3 km/hr	157° (SSE)	N/A
Oct 1	19:30	TRS	30-Minute	5 ppb	6.47 ppb	3.4 km/hr	176° (S)	N/A
Oct 1	20:00	TRS	30-Minute	5 ppb	6.09 ppb	1.3 km/hr	188° (S)	N/A
Oct 1	20:30	TRS	30-Minute	5 ppb	6.19 ppb	3.7 km/hr	178° (S)	N/A
Oct 1	21:00	TRS	30-Minute	5 ppb	9.41 ppb	4.7 km/hr	120° (ESE)	N/A
Oct 1	23:00	TRS	30-Minute	5 ppb	7.37 ppb	2.1 km/hr	167° (SSE)	N/A

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



842-B Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQ-TL #1200736629	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 was lost due to a polling error.
TRS Thermo 43iQ-TL #1200736630 TRS Convertor CD Nova CDN-101 #552	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 was lost due to a polling error.
THC/CH4/NMHC Thermo 55i #12208316589 H2 Generator HG300 #190567058 Zero Air Supply Teledyne T701 #1087	October 18, 2025	• A successful monthly calibration was completed on October 02, 2025. • A repeat multi-point calibration was completed to correct the daily span drifts on October 28, 2025. • The H2 desiccant was renewed on October 28, 2025. • Hourly data collected on October 2 at hour 9 was lost due to a polling error
Parameter	**Verification Date**	**Equipment Operational Summary**
RH Rotronic HC2-S3 #24010202	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error.
AT Rotronic HC2-S3 #24010202	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error.
BP MetOne 092 #Y23362	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error.

Parameter	Verification Date	Equipment Operational Summary
ST COMET #20790297	October 02, 2025	• No operational issues were identified this month. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error.
Precipitation RM Young 52202 #TB 15878	October 18, 2025	• The precipitation system passed the monthly audit on October 2, 2025. • A blockage was found in the bucket drain hole during the site visit on October 28. The debris was removed, and the gauge was cleaned the same day. The precipitation sampler passed the system audit following the maintenance. After comparing the data with the data collected at the 986-C and 842-B stations, the impact from this blockage was determined to be none to minimal. No data were discarded as a result. However, data collected between October 2 and October 28 should be used with caution. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error.
WS/ WD RM Young 05305AQ #174802	October 02, 2025	• Wind direction data contained in this report represents where the wind is coming from. • The last annual wind system calibration was completed on September 18, 2025. • Hourly data collected on October 2 at hour 9 and hour 10 were lost due to a polling error. • Eleven hours of data collected on October 27 were discarded due to a frozen wind system.

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	0.0	0	1	Oct 7 at hr 11	25.9	SW	0.4	Oct 14	99.9	95.0
TRS (ppb)	-	-	-	-	-	-	0.66	0.40	1.25	Oct 2 at hr 15	12.8	S	0.94	Oct 2	99.9	95.0
THC (ppm)	-	-	-	-	-	-	2.06	2.00	2.25	Oct 19 at hr 8	2.2	NE	2.10	Oct 30	99.2	94.3
CH4 (ppm)	-	-	-	-	-	-	2.06	2.00	2.25	Oct 19 at hr 8	2.2	NE	2.10	Oct 30	99.2	94.3
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Oct 1 at hr 0	1.9	NNE	0.00	Oct 1	99.2	94.3
RH (%)	-	-	-	-	-	-	68.1	23	99	Oct 1 at hr 6	1.6	N	94.6	Oct 1	99.7	99.7
BP (millibar)	-	-	-	-	-	-	936	919	949	Oct 28 at hr 9	5.7	SSW	947	Oct 30	99.7	99.7
Ext. Temp. (°C)	-	-	-	-	-	-	4.9	-8.0	22.5	Oct 10 at hr 16	10.8	SSW	11.7	Oct 7	99.7	99.7
Stn. Temp. (°C)	-	-	-	-	-	-	23.2	21.7	24.9	Oct 13 at hr 2	7.5	SE	23.8	Oct 12	99.7	99.7
Precipitation (mm)*	-	-	-	-	-	-	4.0	0.0	1.1	Oct 1 at hr 0	1.9	NNE	3.2	Oct 1	99.5	99.3
WSV (km/hr)	-	-	-	-	-	-	4.8	0.1	25.9	Oct 7 at hr 11	25.9	SW	14.8	Oct 3	98.3	98.3
WDV (sector)	-	-	-	-	-	-	202 (SSW)	-	-	-	-	-	-	-	98.3	98.3

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

* Data represents the total (sum) for the indicated time frame

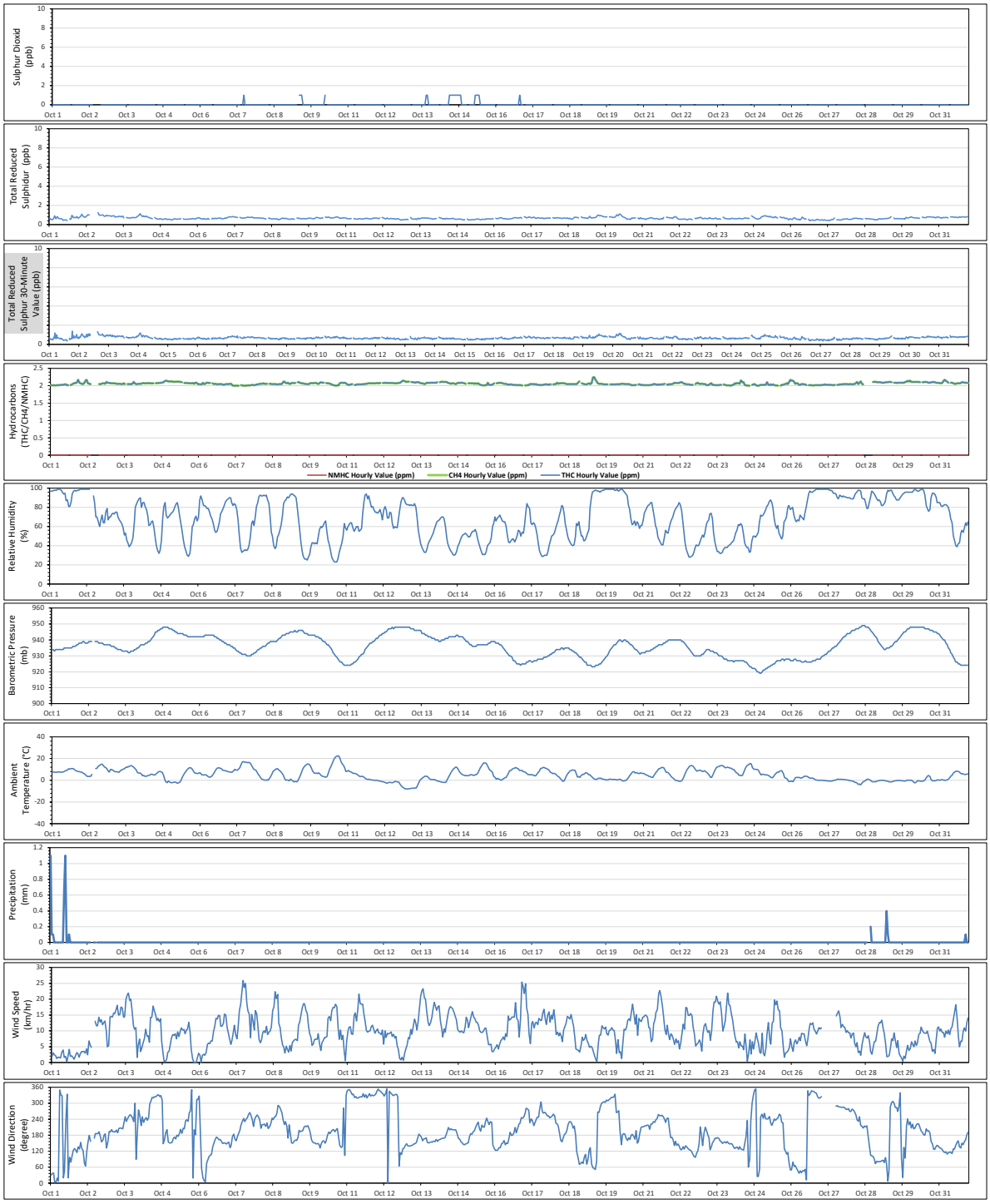
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.66	0.35	1.38	Oct 1 at 18:30	0.9	SSE	0.94	Oct 2	99.9	95.1

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 Oct 2025 - 842-B Station



Reno-B Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43iQTL #12101910505	October 01, 2025	• No operational issues were identified this month.
TRS Thermo 43iQTL #12101910504 **TRS Convertor** CD Nova CDN-101 #478	October 01, 2025	• No operational issues were identified this month.
THC/CH4/NMHC Thermo 55i #1505664392 #1501663728 H2 Generator HG300 #210467069	October 09, 2025	• A successful monthly calibration was completed on October 1, 2025. • H2 desiccant was renewed on October 1, 2025. • A repeat multi-point calibration was completed to correct the injection issues on October 22, 2025. Both the N2 and H2 gas pressures were adjusted the same day. Seven hours of downtime were recorded. • Due to injection issues, the Thermo 55i analyzer, s/n: 1505664392, was removed and was replaced by the Thermo 55i analyzer, s/n: 1501663728, on October 27. Shut-down calibration was not possible due to frequent bad injections. A successful installation calibration was completed on October 28. Four hours of downtime were recorded due to this activity. • One-minute data collected between October 1 and October 28 were reviewed and discarded where data quality was compromised by injection issues. Hourly data were then re-averaged using the revised one-minute dataset. Thirty-seven hours of downtime were recorded as hourly data completeness requirement was not met due to the injection issues.

Parameter	Verification Date	Equipment Operational Summary
RH Rotronic HC2-S3 #20357528	October 01, 2025	• No operational issues were identified this month.
BP MetOne 092 #A17940	October 01, 2025	• No operational issues were identified this month.
AT Rotronic HC2-S3 #20357528	October 01, 2025	• No operational issues were identified this month.
ST COMET #18961616	October 01, 2025	• No operational issues were identified this month.
Precipitation RM Young 52202 #TB 15877	October 01, 2025	• No operational issues were identified this month.
WS/ WD RM Young 05305AQ #174795	October 01, 2025	• Wind direction data contained in this report represents where the wind is coming from. • The last annual wind system calibration was completed on September 09, 2025. • No operational 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	0.0	0	1	Oct 5 at hr 10	14.4	SW	0.2	Oct 14	100.0	95.1
TRS (ppb)	-	-	-	-	-	-	0.49	0.32	3.11	Oct 2 at hr 1	2.2	SE	1.23	Oct 1	100.0	95.1
THC (ppm)	-	-	-	-	-	-	2.06	1.92	2.72	Oct 25 at hr 22	8.6	E	2.13	Oct 6	93.5	88.8
CH4 (ppm)	-	-	-	-	-	-	2.06	1.92	2.72	Oct 25 at hr 22	8.6	E	2.13	Oct 6	93.5	88.8
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.03	Oct 23 at hr 4	8	S	0.00	Oct 23	93.5	88.8
RH (%)	-	-	-	-	-	-	70.7	24	100	Oct 1 at hr 0	6.8	NE	100.0	Oct 27	100.0	100.0
BP (millibar)	-	-	-	-	-	-	936	919	949	Oct 28 at hr 9	9.2	W	947	Oct 30	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	5.1	-7.6	22.7	Oct 10 at hr 15	15.2	SSW	12.5	Oct 10	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.6	21.2	23.7	Oct 12 at hr 22	5.4	S	23.0	Oct 12	100.0	100.0
Precipitation (mm)*	-	-	-	-	-	-	8.3	0.0	1.0	Oct 19 at hr 5	5.8	SSE	4.3	Oct 26	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	5.3	0.4	37.5	Oct 17 at hr 11	37.5	WNW	23.6	Oct 11	100.0	100.0
WDV (sector)	-	-	-	-	-	-	223 (SW)	-	-	-	-	-	-	-	100.0	100.0

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

* Data represents the total (sum) for the indicated time frame

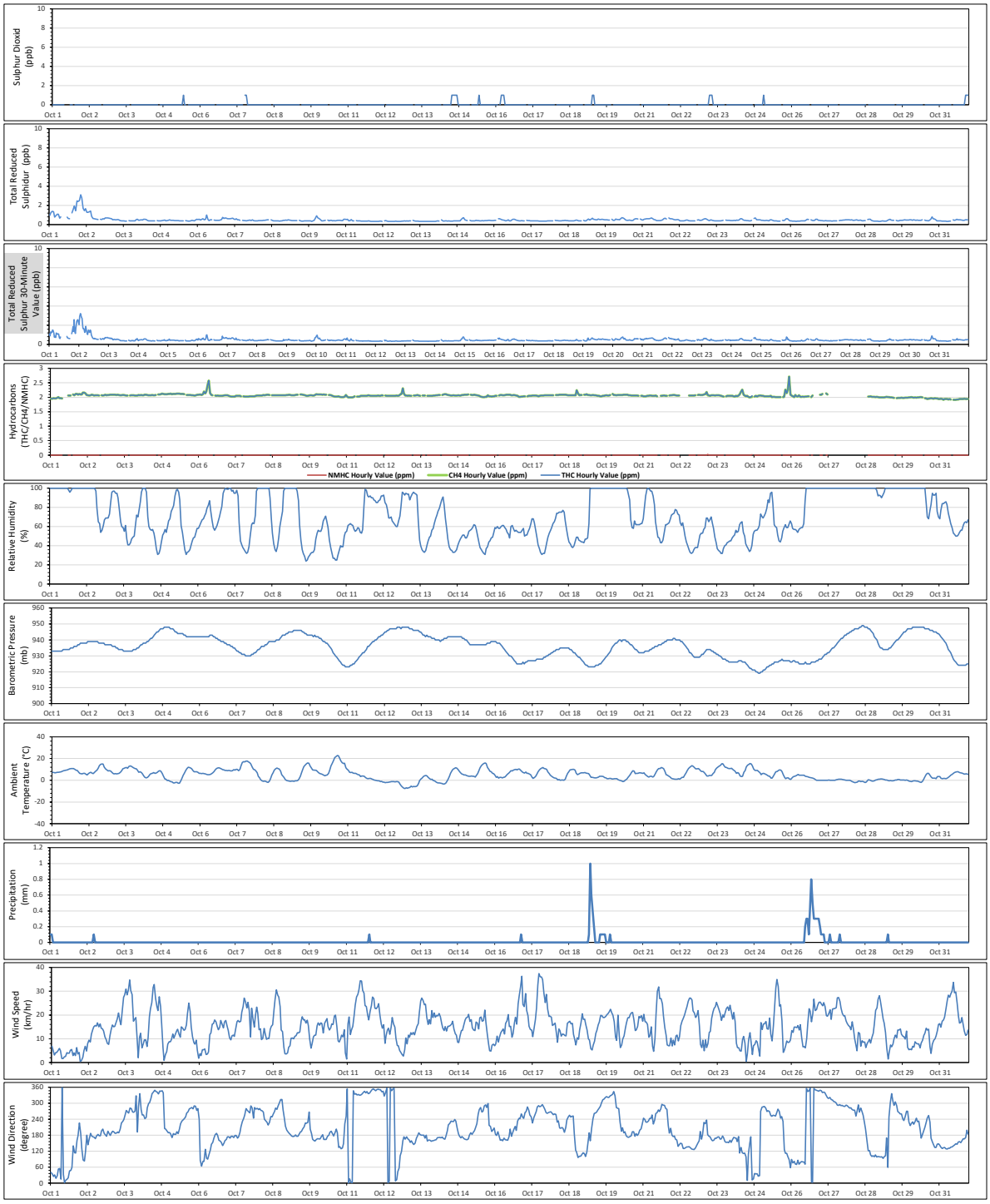
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.49	0.31	3.21	Oct 2 at 01:00	2.4	S	1.24	Oct 1	100.0	95.1

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 Oct 2025 - Reno-B Station



PRC Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Thermo 43i #1034746225	October 08, 2025	• No operational issues were recorded this month.
H2S Teledyne T100 #1014	October 08, 2025	• No operational issues were recorded this month.
TRS Themo 43i-TLE #1162460022 TRS Convertor CD Nova CDN-101 #516	October 08, 2025	• No operational issues were recorded this month.
THC/CH4/NMHC Thermo 55i #1034745845 H2 Generator HG300 #211067076	October 08, 2025	• The analyzer failed due to depletion of the N2 gas supply on October 7. The N2 gas cylinder was replaced the same day. Six hours of downtime were recorded due to this event.
Parameter	**Verification Date**	**Equipment Operational Summary**
RH Rotronic HC2-S3 #20558318	October 08, 2025	• No operational issues were identified this month.
BP MetOne 092 #B19577	October 08, 2025	• No operational issues were identified this month.

Parameter	Verification Date	Equipment Operational Summary
AT Rotronic HC2-S3 #20558318	October 08, 2025	• No operational issues were recorded this month.
ST Canadian Natural #NA	October 08, 2025	• No operational issues were recorded this month.
WS/ WD RM Young 05305VK #129612	October 08, 2025	• Wind direction data contained in this report represents where the wind is coming from. • The annual wind system calibration was completed on September 17, 2025. • Fourteen hours of data collected on October 26-27 were discarded due to a frozen wind system.

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	0.1	0	1	Oct 5 at hr 8	13.7	SW	0.5	Oct 14	100.0	94.9
H2S (ppb)	10	3	-	0	0	-	0.0	0	1	Oct 14 at hr 9	18.7	SW	0.0	Oct 1	100.0	94.9
TRS (ppb)	-	-	-	-	-	-	0.0	0	1	Oct 2 at hr 2	3.9	SSW	0.1	Oct 2	100.0	94.9
THC (ppm)	-	-	-	-	-	-	2.08	2.02	2.17	Oct 10 at hr 23	7.8	NNW	2.12	Oct 14	99.2	94.2
CH4 (ppm)	-	-	-	-	-	-	2.08	2.02	2.17	Oct 10 at hr 23	7.8	NNW	2.12	Oct 14	99.2	94.2
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Oct 1 at hr 0	4	NE	0.00	Oct 1	99.2	94.2
RH (%)	-	-	-	-	-	-	73.5	25	100	Oct 1 at hr 0	4	NE	100.0	Oct 27	100.0	100.0
BP (millibar)	-	-	-	-	-	-	937	921	950	Oct 28 at hr 10	9	W	948	Oct 30	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	4.4	-9.0	21.9	Oct 10 at hr 15	21.1	SW	11.6	Oct 10	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.3	17.8	27.9	Oct 18 at hr 9	12.6	SW	26.0	Oct 21	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	6.4	0.8	29.8	Oct 16 at hr 21	29.8	W	16.2	Oct 7	98.1	98.1
WDV (sector)	-	-	-	-	-	-	236 (SW)	-	-	-	-	-	-	-	98.1	98.1

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

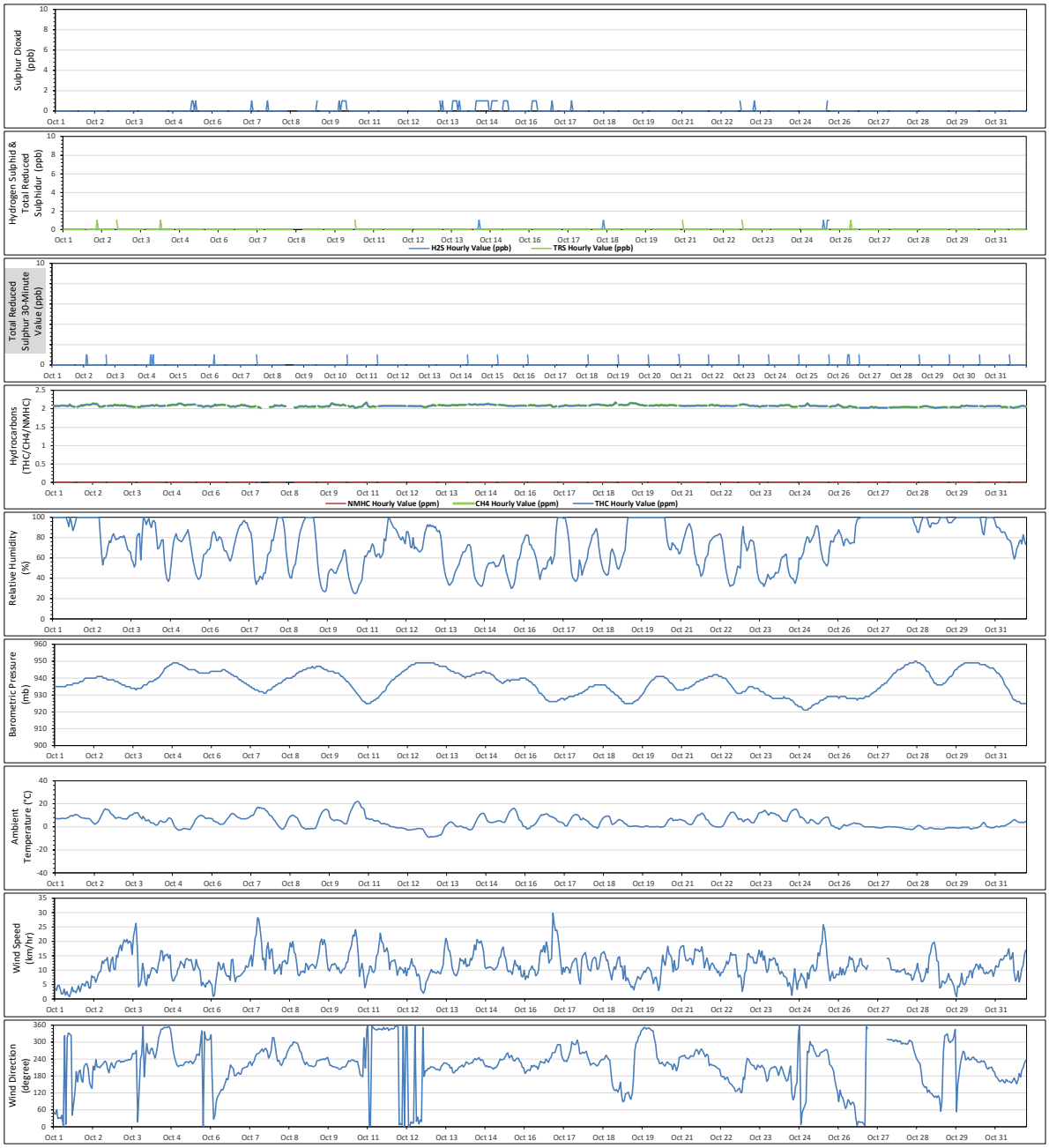
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.0	0	1	Oct 2 at 02:00	3.6	SSW	0	Oct 1	100.0	95.0

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 Oct 2025 - Peace River Complex (PRC) Station



AQHI – Grimshaw Station

Equipment Operation Summary

Parameter	Calibration Date	Equipment Operational Summary
SO2 Teledyne T100 #722	October 07, 2025	• No operational issues were identified this month.
TRS Teledyne T100U #132 Thermo 43iQ-TL #12409233394 TRS Convertor CD Nova CDN-101 #576	October 07, 2025	• The Teledyne T100U analyzer, s/n: 132 was removed following a successful shut-down calibration. The Thermo 43iQ-TL analyzer, s/n: 12409233394, was installed afterwards. Two hours of downtime were recorded due to this activity.
NOx/NO/NO2 Thermo 42iQ #12409233392	October 07, 2025	• No operational issues were identified this month.
THC/CH4/NMHC Thermo 55i #12101910497 H2 Generator HG300 #190567059	October 07, 2025	• No operational issues were identified this month.
O3 Thermo 49iQ #12326230141	October 07, 2025	• No operational issues were identified this month.
PM2.5 Teledyne T640 #318	October 07, 2025	• No operational issues were identified this month.
Parameter	**Verification Date**	**Equipment Operational Summary**
RH Vaisala HMP155 #N2910506	October 07, 2025	• No operational issues were identified this month.

Parameter	Verification Date	Equipment Operational Summary
AT Vaisala HMP155 #N2910506	October 07, 2025	• No operational issues were identified this month.
BP MetOne 092 #A2397	October 07, 2025	• No operational issues were identified this month.
ST COMET #NA	October 07, 2025	• No operational issues were identified this month.
WS/ WD RM Young 05305AQ #174801	October 07, 2025	• Wind direction data contained in this report represents where the wind is coming from. • The last annual wind system calibration was completed on September 16, 2025. • No 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	3	Oct 14 at hr 10	11.2	SW	0.5	Oct 14	100.0	95.1
TRS (ppb)	-	-	-	-	-	-	0.25	0.01	3.62	Oct 12 at hr 19	1.5	SE	0.59	Oct 1	99.7	94.6
NOx (ppb)	-	-	-	-	-	-	4.5	0	78	Oct 24 at hr 6	2.9	E	15.4	Oct 24	100.0	95.0
NO (ppb)	-	-	-	-	-	-	1.0	0	54	Oct 24 at hr 6	2.9	E	6.6	Oct 24	100.0	95.0
NO2 (ppb)	159	-	-	0	-	-	3.5	0	30	Oct 24 at hr 9	0.3	ENE	8.9	Oct 24	100.0	95.0
O3 (ppb)	76	-	-	0	-	-	23.3	1.5	43.6	Oct 10 at hr 16	13.2	SSW	31.2	Oct 17	100.0	94.9
THC (ppm)	-	-	-	-	-	-	2.04	1.93	2.42	Oct 24 at hr 9	0.3	ENE	2.11	Oct 14	100.0	95.1
CH4 (ppm)	-	-	-	-	-	-	2.04	1.93	2.27	Oct 12 at hr 22	5.7	SSW	2.11	Oct 14	100.0	95.1
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.33	Oct 24 at hr 9	0.3	ENE	0.02	Oct 24	100.0	95.1
PM2.5 (µg/m3)	80	29	-	0	0	-	2.9	0	17	Oct 1 at hr 11	2.3	SE	6.8	Oct 30	100.0	99.9
RH (%)	-	-	-	-	-	-	67.3	26	100	Oct 2 at hr 1	3.7	NNW	93.0	Oct 30	100.0	100.0
BP (millibar)	-	-	-	-	-	-	938	921	951	Oct 28 at hr 9	5.8	SW	949	Oct 30	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	5.0	-9.1	21.3	Oct 10 at hr 16	13.2	SSW	10.8	Oct 7	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.2	17.7	24.9	Oct 7 at hr 12	20.5	WSW	23.0	Oct 23	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	9.6	0.1	26.5	Oct 17 at hr 0	26.5	W	17.6	Oct 17	100.0	100.0
WDV (sector)	-	-	-	-	-	-	258 (WSW)	-	-	-	-	-	-	-	100.0	100.0

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

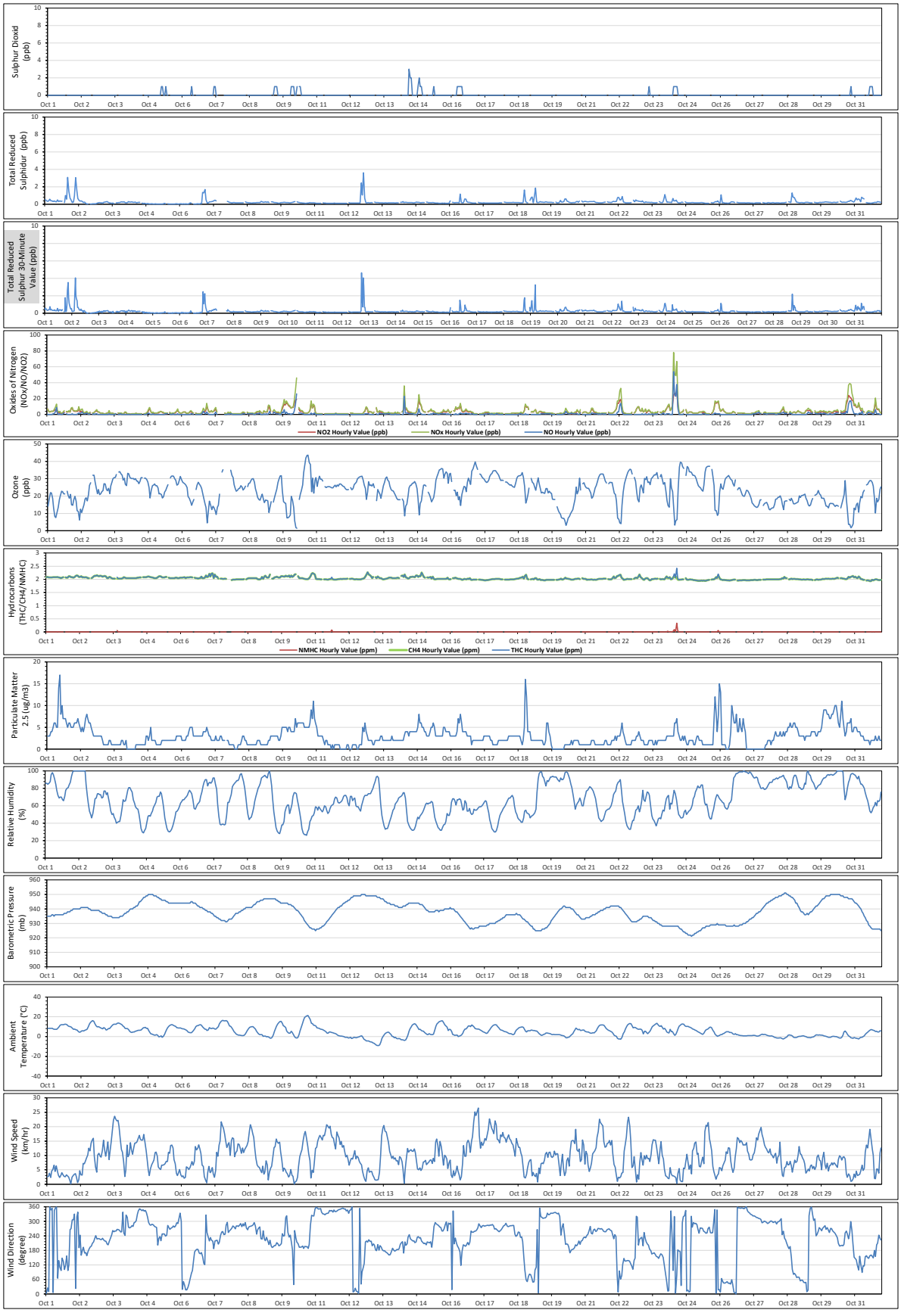
Parameter	Objectives/Guidelines	Exceedances	Monthly Avg.	Min. 30-min	Max. 30-min	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	30-min	30-min										
TRS (ppb)	5	0	0.25	0.00	4.64	Oct 12 at 17:30	3.4	E	0.59	Oct 1	99.7	94.7

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 (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 Oct 2025 - AQHI - Grimshaw Station



TABLES, CHARTS AND WIND ROSES

986-C STATION

Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO_2) in ppb

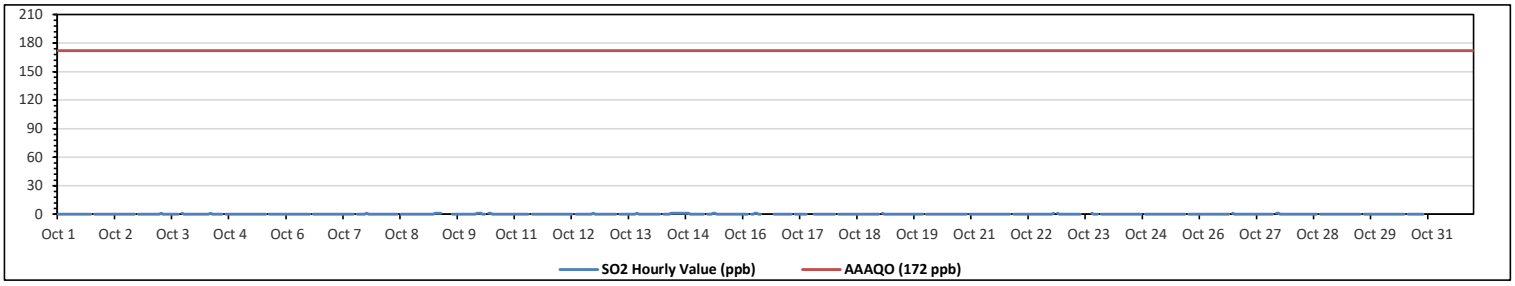
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb

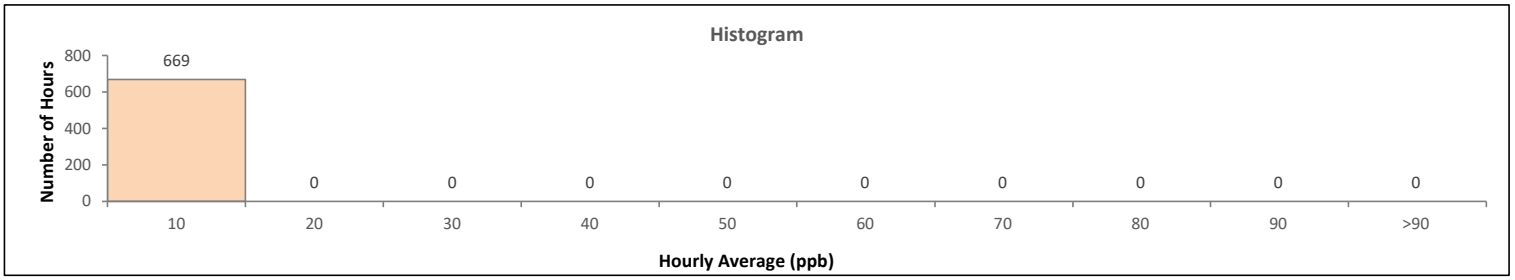
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0	30-Day Exceedence:	0	
Maximum Hourly Value:	1 ppb	on Oct 3 at hr 6		Hours in Service:	744	
Maximum Daily Value:	0.4 ppb	on Oct 14		Hours of Data:	669	
Minimum Hourly Value:	0 ppb	on Oct 1 at hr 0		Hours of Missing Data:	40	
Minimum Daily Value:	0.0 ppb	on Oct 1		Hours of Calibration:	35	
Monthly Average:	0.1 ppb			Operational Uptime:	94.6	

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			
Oct 1	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
Oct 2	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
Oct 3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	1	0.1
Oct 4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	1	0.0
Oct 5	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
Oct 6	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
Oct 7	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	1	0	0	0	0	0	0	1	0.0
Oct 8	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
Oct 9	0	0	0	0	0	0	1	1	1	1	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	1	0.2
Oct 10	0	0	0	0	1	1	1	0	0	S	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Oct 11	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
Oct 12	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.0
Oct 13	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.0
Oct 14	0	0	0	0	0	S	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0.4
Oct 15	0	0	0	0	S	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 16	0	0	0	S	0	0	1	1	0	0	P	P	P	P	P	P	0	0	0	0	0	0	0	0	0	1	NA
Oct 17	0	0	S	0	0	0	0	0	0	0	P	P	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Oct 18	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
Oct 19	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	1	0.0
Oct 20	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
Oct 21	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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	S	1	0	0	0	1	0.1
Oct 23	0	0	0	0	0	0	0	0	0	0	P	P	P	P	P	1	0	0	0	S	0	0	0	0	0	1	0.1
Oct 24	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
Oct 25	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
Oct 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	1	0.0
Oct 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	1	0	0	0	0	0	0	0	1	0.1
Oct 28	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
Oct 29	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
Oct 30	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	P	P	0	0	0.0
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	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.



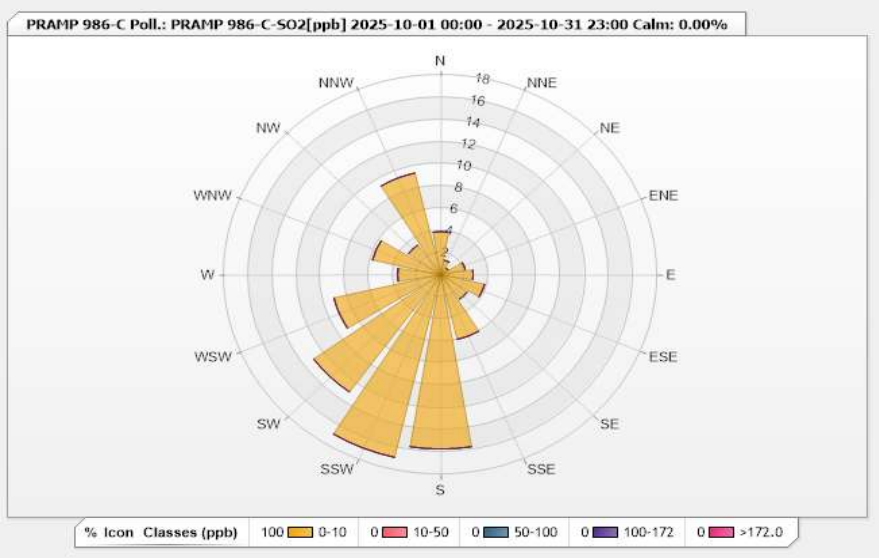


Station: PRAMP 986-C Poll.: PRAMP 986-C-SO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 89.92% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	3.89	0	0	0	0	3.89
NNE	1.35	0	0	0	0	1.35
NE	0.75	0	0	0	0	0.75
ENE	2.09	0	0	0	0	2.09
E	2.69	0	0	0	0	2.69
ESE	3.74	0	0	0	0	3.74
SE	2.69	0	0	0	0	2.69
SSE	5.98	0	0	0	0	5.98
S	15.7	0	0	0	0	15.7
SSW	16.89	0	0	0	0	16.89
SW	13	0	0	0	0	13
WSW	9.12	0	0	0	0	9.12
W	3.59	0	0	0	0	3.59
WNW	5.83	0	0	0	0	5.83
NW	3.29	0	0	0	0	3.29
NNW	9.42	0	0	0	0	9.42
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

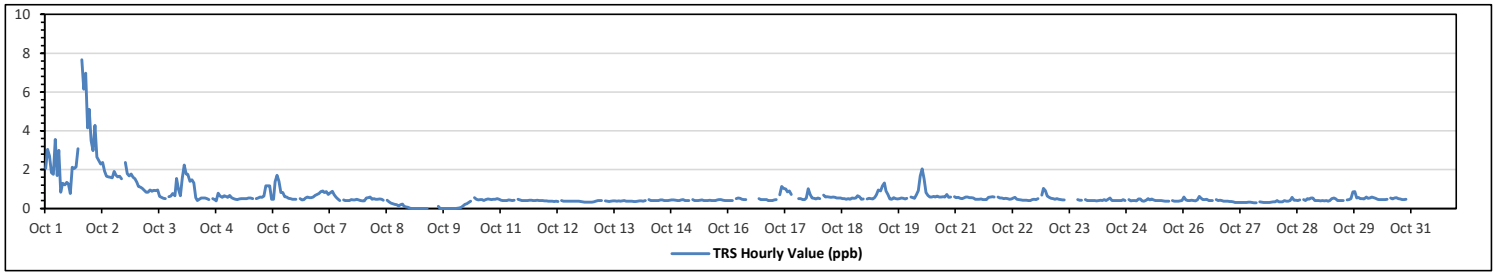
TOTAL REDUCED SULPHUR (TRS) in ppb

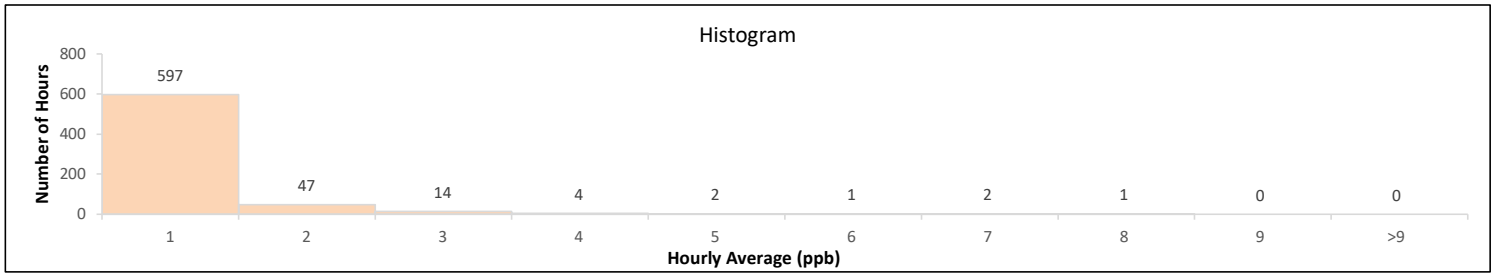
Maximum Hourly Value:	7.66	ppb	on Oct 1 at hr 19	Hours in Service:	744	
Maximum Daily Value:	2.86	ppb	on Oct 1	Hours of Data:	668	
Minimum Hourly Value:	0.00	ppb	on Oct 9 at hr 1	Hours of Missing Data:	41	
Minimum Daily Value:	0.01	ppb	on Oct 9	Hours of Calibration:	35	
Monthly Average:	0.64	ppb		Operational Uptime:	94.5	

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			
Oct 1	2.08	3.04	2.70	1.83	1.75	3.56	1.69	2.99	0.84	1.29	1.22	1.34	1.26	0.77	2.12	2.06	2.14	3.08	S	**7.66**	6.14	6.97	4.15	5.11	0.77	**7.66**	**2.86**
Oct 2	3.49	2.98	4.28	2.65	2.46	2.28	2.38	1.93	1.66	1.63	1.60	1.57	1.91	1.71	1.63	1.65	1.52	S	2.37	1.79	1.68	1.78	1.62	1.52	1.52	4.28	2.09
Oct 3	1.34	1.14	1.10	1.03	0.92	0.84	0.84	0.95	0.88	0.93	0.92	0.94	0.62	0.57	0.52	0.50	S	0.61	0.64	0.77	0.66	1.54	0.98	0.65	0.50	1.54	0.86
Oct 4	1.57	2.23	1.78	1.76	1.39	1.47	1.32	0.56	0.42	0.47	0.54	0.53	0.53	0.51	0.46	S	0.51	0.46	0.39	0.79	0.64	0.57	0.65	0.62	0.39	2.23	0.88
Oct 5	0.57	0.67	0.56	0.50	0.47	0.46	0.49	0.51	0.51	0.50	0.50	0.53	0.53	0.51	S	0.50	0.54	0.59	0.57	0.63	1.16	1.16	1.17	0.47	0.46	1.17	0.61
Oct 6	0.48	1.38	1.72	1.40	0.82	0.82	0.61	0.58	0.52	0.51	0.47	0.48	0.48	S	0.50	0.44	0.46	0.54	0.59	0.56	0.55	0.60	0.67	0.73	0.44	1.72	0.69
Oct 7	0.78	0.87	0.90	0.81	0.87	0.73	0.80	0.88	0.73	0.58	0.49	0.42	S	0.44	0.41	0.40	0.42	0.46	0.44	0.44	0.47	0.44	0.40	0.39	0.39	0.90	0.59
Oct 8	0.39	0.53	0.55	0.58	0.47	0.50	0.47	0.47	0.49	0.47	0.43	S	0.43	0.34	0.28	0.24	0.21	0.18	0.13	0.19	0.22	0.10	0.08	0.05	0.05	0.58	0.34
Oct 9	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C	C	C	C	C	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01
Oct 10	0.00	0.01	0.03	0.07	0.13	0.21	0.25	0.30	0.37	S	0.55	0.48	0.44	0.46	0.45	0.42	0.46	0.49	0.48	0.46	0.47	0.47	0.50	0.47	0.00	0.55	0.35
Oct 11	0.43	0.41	0.42	0.42	0.44	0.43	0.42	0.43	S	0.48	0.44	0.42	0.42	0.42	0.41	0.43	0.43	0.42	0.41	0.43	0.42	0.41	0.41	0.39	0.39	0.48	0.42
Oct 12	0.39	0.38	0.38	0.37	0.36	0.37	0.35	S	0.41	0.38	0.37	0.38	0.38	0.38	0.37	0.38	0.37	0.37	0.35	0.34	0.33	0.32	0.33	0.33	0.32	0.41	0.36
Oct 13	0.33	0.34	0.38	0.40	0.40	0.41	S	0.39	0.37	0.35	0.38	0.39	0.39	0.38	0.39	0.37	0.39	0.41	0.38	0.38	0.37	0.38	0.35	0.36	0.33	0.41	0.38
Oct 14	0.37	0.39	0.39	0.38	0.40	S	0.45	0.42	0.41	0.41	0.42	0.40	0.44	0.44	0.42	0.41	0.41	0.43	0.44	0.44	0.43	0.40	0.41	0.44	0.37	0.45	0.42
Oct 15	0.45	0.41	0.40	0.40	S	0.46	0.42	0.41	0.42	0.43	0.44	0.42	0.41	0.42	0.43	0.42	0.42	0.42	0.44	0.45	0.46	0.43	0.41	0.40	0.40	0.46	0.42
Oct 16	0.41	0.42	0.42	S	0.51	0.53	0.52	0.47	0.46	0.45	P	P	P	P	P	P	0.50	0.46	0.46	0.46	0.45	0.42	0.41	0.42	0.41	0.53	NA
Oct 17	0.44	0.46	S	0.70	1.14	1.03	0.99	0.86	0.91	0.73	P	P	P	0.50	0.50	0.45	0.46	0.53	1.02	0.71	0.53	0.52	0.49	0.53	0.44	1.14	0.68
Oct 18	0.51	S	0.68	0.59	0.61	0.59	0.57	0.59	0.57	0.54	0.54	0.53	0.51	0.51	0.48	0.50	0.48	0.53	0.52	0.53	0.65	0.61	0.47	0.49	0.47	0.68	0.55
Oct 19	S	0.49	0.52	0.51	0.49	0.57	0.70	0.94	0.91	1.16	1.31	0.90	0.72	0.49	0.48	0.55	0.50	0.49	0.50	0.53	0.52	0.49	0.52	S	0.48	1.31	0.65
Oct 20	0.58	0.55	0.52	0.70	0.92	1.68	2.04	1.52	0.82	0.67	0.60	0.58	0.62	0.60	0.63	0.60	0.60	0.61	0.59	0.71	0.57	0.59	S	0.61	0.52	2.04	0.78
Oct 21	0.55	0.57	0.52	0.51	0.54	0.58	0.59	0.56	0.55	0.54	0.48	0.48	0.47	0.49	0.45	0.45	0.45	0.57	0.58	0.61	0.58	S	0.60	0.53	0.45	0.61	0.53
Oct 22	0.54	0.51	0.52	0.50	0.48	0.49	0.54	0.57	0.47	0.45	0.44	0.43	0.43	0.43	0.42	0.42	0.45	0.48	0.46	0.50	S	0.69	1.04	0.92	0.42	1.04	0.53
Oct 23	0.64	0.57	0.52	0.50	0.48	0.50	0.48	0.46	0.44	0.44	P	P	P	P	P	X	0.45	0.43	0.43	S	0.46	0.42	0.40	0.40	0.40	0.64	NA
Oct 24	0.40	0.41	0.39	0.42	0.43	0.41	0.46	0.41	0.47	0.54	0.42	0.41	0.41	0.42	0.42	0.41	0.45	0.42	S	0.46	0.39	0.42	0.40	0.39	0.39	0.54	0.42
Oct 25	0.49	0.49	0.39	0.38	0.43	0.51	0.44	0.49	0.44	0.42	0.40	0.41	0.40	0.39	0.38	0.37	0.38	S	0.42	0.38	0.38	0.38	0.39	0.41	0.37	0.51	0.42
Oct 26	0.58	0.44	0.42	0.42	0.43	0.40	0.39	0.44	0.62	0.53	0.45	0.45	0.47	0.41	0.41	0.41	S	0.45	0.41	0.43	0.41	0.38	0.38	0.38	0.38	0.62	0.44
Oct 27	0.36	0.36	0.34	0.30	0.30	0.30	0.31	0.31	0.31	0.30	0.33	0.33	0.30	0.29	0.29	S	0.34	0.32	0.30	0.31	0.31	0.31	0.32	0.34	0.29	0.36	0.32
Oct 28	0.34	0.40	0.34	0.34	0.34	0.40	0.38	0.38	0.40	0.57	0.43	0.43	0.42	0.44	S	0.46	0.41	0.51	0.47	0.53	0.54	0.42	0.42	0.40	0.34	0.57	0.42
Oct 29	0.39	0.40	0.39	0.42	0.38	0.42	0.50	0.54	0.49	0.41	0.40	0.42	0.40	S	0.44	0.46	0.50	0.85	0.87	0.53	0.57	0.51	0.50	0.49	0.38	0.87	0.49
Oct 30	0.59	0.52	0.53	0.60	0.55	0.52	0.47	0.45	0.46	0.46	0.45	0.47	S	0.53	0.49	0.53	0.55	0.51	0.49	0.45	0.45	0.47	P	P	0.45	0.60	0.50
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	3.49	3.04	4.28	2.65	2.46	3.56	2.38	2.99	1.66	1.63	1.60	1.57	1.91	1.71	2.12	2.06	2.14	3.08	2.37	7.66	6.14	6.97	4.15	5.11			
Diurnal Average	0.67	0.74	0.76	0.67	0.65	0.74	0.69	0.68	0.56	0.57	0.58	0.57	0.56	0.51	0.55	0.54	0.53	0.56	0.54	0.77	0.72	0.77	0.66	0.65			

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 - October 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: 6

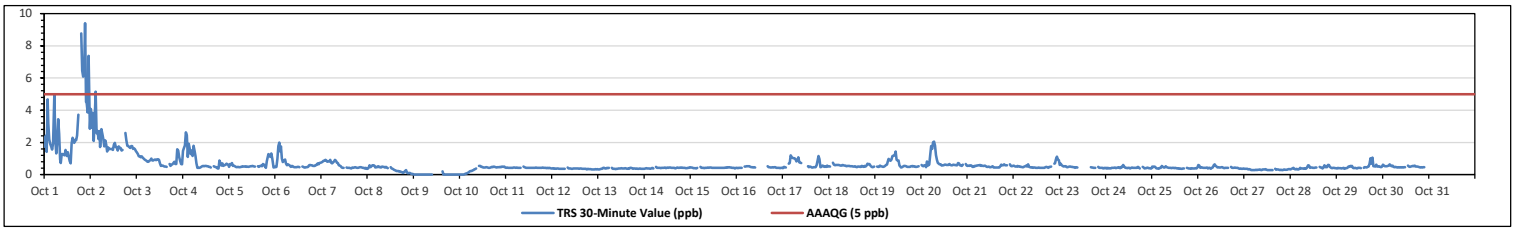
Maximum 30-Minute Value:	9.41 ppb	on Oct 1 at 21:00	# of Instrument in Service	1488	
Maximum Daily Value:	2.86 ppb	on Oct 1	# of Valid Measurements	1335	
Minimum 30-Minute Value:	0.00 ppb	Oct 9 at 01:00	# of Missing Measurements:	83	
Minimum Daily Value:	0.00 ppb	on Oct 31	# of Calibration:	70	
Monthly Average:	0.64 ppb		Operational Uptime:	94.4	

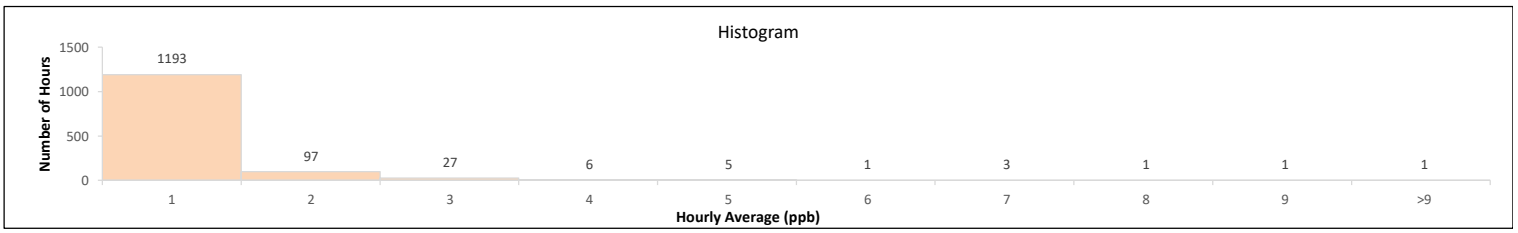
30-Minute Period Starting at (MST)	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Diurnal Maximum	Diurnal Average
00:00	1.74	4.08	1.39	1.48	0.48	0.47	0.75	0.37	0.02	0	0.42	0.38	0.33	0.36	0.45	0.41	0.4	0.53	S	0.61	0.54	0.56	0.61	0.41	0.5	0.6	0.36	0.33	0.38	0.62	P	4.08	0.68
00:30	2.41	2.9	1.29	1.66	0.66	0.49	0.81	0.42	0.02	0	0.44	0.4	0.32	0.38	0.44	0.4	0.48	0.5	S	0.54	0.56	0.52	0.68	0.39	0.47	0.56	0.36	0.35	0.41	0.56	P	2.90	0.67
01:00	1.41	3.85	1.14	1.82	0.62	0.99	0.86	0.59	0	0	0.41	0.37	0.34	0.4	0.42	0.42	0.47	S	0.51	0.52	0.55	0.51	0.59	0.43	0.5	0.42	0.36	0.39	0.4	0.52	P	3.85	0.68
01:30	4.67	2.1	1.13	2.64	0.72	1.78	0.87	0.47	0	0.01	0.42	0.39	0.35	0.38	0.4	0.42	0.44	S	0.48	0.59	0.59	0.51	0.54	0.39	0.48	0.46	0.35	0.41	0.4	0.52	P	4.67	0.79
02:00	3.21	3.39	1.07	2.45	0.55	1.99	0.92	0.52	0	0.02	0.42	0.37	0.35	0.39	0.4	0.43	S	0.74	0.48	0.58	0.57	0.54	0.51	0.4	0.4	0.44	0.33	0.36	0.4	0.53	P	3.39	0.78
02:30	2.19	5.16	1.13	1.11	0.57	1.44	0.88	0.58	0	0.03	0.41	0.39	0.41	0.39	0.4	0.41	S	0.62	0.56	0.46	0.48	0.5	0.53	0.39	0.38	0.41	0.34	0.33	0.38	0.54	P	5.16	0.74
03:00	1.91	2.58	1.06	1.91	0.52	1.75	0.8	0.59	0	0.06	0.42	0.38	0.41	0.37	0.38	S	0.68	0.58	0.52	0.82	0.48	0.52	0.53	0.43	0.38	0.42	0.32	0.35	0.4	0.57	P	2.58	0.69
03:30	1.76	2.72	1	1.62	0.48	1	0.82	0.56	0	0.08	0.42	0.37	0.39	0.39	0.42	S	0.73	0.6	0.5	0.56	0.54	0.48	0.47	0.42	0.37	0.41	0.29	0.33	0.43	0.63	P	2.72	0.65
04:00	1.55	2.21	0.94	1.29	0.47	0.79	0.83	0.45	0	0.11	0.44	0.36	0.39	0.41	S	0.51	1.19	0.61	0.49	0.62	0.53	0.49	0.46	0.41	0.43	0.41	0.3	0.33	0.36	0.56	P	2.21	0.62
04:30	1.96	2.71	0.9	1.5	0.48	0.85	0.91	0.49	0	0.14	0.45	0.35	0.42	0.39	S	0.51	1.09	0.61	0.5	1.23	0.56	0.47	0.49	0.45	0.43	0.44	0.3	0.36	0.4	0.53	P	2.71	0.69
05:00	5	1.72	0.87	1.15	0.47	0.95	0.74	0.47	0	0.2	0.42	0.37	0.4	S	0.49	0.53	1.04	0.6	0.54	1.77	0.56	0.47	0.5	0.4	0.54	0.39	0.3	0.41	0.4	0.57	P	5.00	0.77
05:30	2.12	2.83	0.81	1.8	0.46	0.68	0.71	0.52	0	0.23	0.44	0.37	0.41	S	0.43	0.53	1.02	0.58	0.6	1.6	0.59	0.5	0.5	0.42	0.48	0.41	0.3	0.39	0.43	0.48	P	2.83	0.71
06:00	1.31	2.54	0.81	1.49	0.49	0.58	0.77	0.46	0	0.24	0.43	0.35	S	0.48	0.43	0.52	1.02	0.57	0.62	2.02	0.58	0.52	0.48	0.45	0.44	0.41	0.31	0.39	0.51	0.46	P	2.54	0.68
06:30	2.06	2.22	0.86	1.15	0.49	0.65	0.82	0.48	0	0.27	0.41	0.36	S	0.43	0.41	0.53	0.96	0.57	0.78	2.05	0.6	0.56	0.49	0.46	0.44	0.37	0.3	0.38	0.49	0.48	P	2.22	0.69
07:00	3.45	1.75	0.9	0.69	0.52	0.6	0.92	0.45	0	0.28	0.43	S	0.42	0.43	0.4	0.48	0.83	0.6	0.97	1.82	0.54	0.5	0.47	0.43	0.52	0.42	0.31	0.37	0.54	0.46	P	3.45	0.71
07:30	2.52	2.12	1	0.43	0.51	0.56	0.85	0.5	0	0.32	0.43	S	0.37	0.41	0.43	0.47	0.88	0.59	0.92	1.22	0.57	0.63	0.46	0.4	0.47	0.45	0.31	0.4	0.53	0.44	P	2.52	0.66
08:00	0.94	1.88	0.88	0.42	0.5	0.49	0.74	0.49	0	0.34	S	0.44	0.37	0.42	0.42	0.47	1.07	0.57	0.87	0.91	0.55	0.48	0.43	0.48	0.45	0.59	0.32	0.37	0.55	0.46	P	1.88	0.58
08:30	0.73	1.44	0.88	0.42	0.52	0.55	0.73	0.49	0	0.39	S	0.39	0.37	0.4	0.43	0.45	0.75	0.57	0.95	0.73	0.55	0.47	0.46	0.46	0.42	0.64	0.3	0.43	0.42	0.45	P	1.44	0.54
09:00	1.29	1.69	0.92	0.45	0.49	0.52	0.59	0.45	0	S	0.5	0.38	0.34	0.41	0.44	0.47	0.74	0.53	1.15	0.7	0.57	0.45	0.45	0.6	0.42	0.55	0.28	0.58	0.4	0.47	P	1.69	0.58
09:30	1.28	1.57	0.95	0.48	0.5	0.49	0.57	0.48	0	S	0.46	0.38	0.36	0.41	0.43	0.44	0.72	0.55	1.18	0.64	0.52	0.46	P	0.48	0.42	0.5	0.32	0.56	0.42	0.45	P	1.57	0.57
10:00	1.24	1.59	0.9	0.53	0.49	0.47	0.53	0.45	C	0.55	0.44	0.37	0.37	0.41	0.44	P	P	0.54	1.19	0.63	0.49	0.43	P	0.42	0.4	0.45	0.33	0.41	0.4	0.46	P	1.59	0.57
10:30	1.19	1.6	0.95	0.54	0.51	0.47	0.44	0.4	C	0.54	0.43	0.37	0.39	0.44	0.44	P	P	0.54	1.43	0.56	0.48	0.44	P	0.42	0.41	0.46	0.32	0.45	0.39	0.45	P	1.60	0.58
11:00	1.53	1.6	0.96	0.52	0.52	0.46	0.43	S	C	0.48	0.43	0.38	0.39	0.4	0.42	P	P	0.52	0.92	0.58	0.5	0.44	P	0.4	0.42	0.44	0.34	0.44	0.42	0.47	P	1.60	0.58
11:30	1.16	1.54	0.93	0.54	0.53	0.49	0.41	S	C	0.48	0.42	0.39	0.38	0.41	0.42	P	P	0.53	0.88	0.58	0.47	0.41	P	0.42	0.4	0.45	0.31	0.43	0.42	0.47	P	1.54	0.55
12:00	1.4	1.85	0.69	0.54	0.54	0.49	S	0.47	C	0.44	0.42	0.38	0.4	0.45	0.41	P	P	0.53	0.88	0.62	0.46	0.43	P	0.42	0.41	0.47	0.3	0.42	0.41	S	P	1.85	0.58
12:30	1.12	1.98	0.55	0.52	0.52	0.47	S	0.39	C	0.44	0.43	0.39	0.38	0.42	0.42	P	P	0.5	0.56	0.62	0.49	0.43	P	0.39	0.4	0.47	0.3	0.41	0.4	S	P	1.98	0.54
13:00	0.84	1.71	0.57	0.53	0.5	S	0.45	0.37	C	0.44	0.41	0.38	0.39	0.44	0.42	P	0.53	0.5	0.52	0.6	0.53	0.44	P	0.41	0.39	0.42	0.29	0.44	S	0.56	P	1.71	0.52
13:30	0.7	1.7	0.57	0.49	0.51	S	0.43	0.32	C	0.47	0.42	0.38	0.38	0.44	0.41	P	0.47	0.52	0.45	0.6	0.45	0.42	P	0.44	0.4	0.4	0.3	0.44	S	0.5	P	1.70	0.50
14:00	1.95	1.5	0.53	0.48	S	0.51	0.41	0.29	C	0.46	0.41	0.35	0.4	0.41	0.43	P	0.51	0.49	0.46	0.6	0.45	0.43	P	0.42	0.37	0.41	0.28	S	0.42	0.49	P	1.95	0.54
14:30	2.29	1.76	0.51	0.45	S	0.49	0.41	0.27	C	0.45	0.42	0.39	0.38	0.42	0.43	P	0.48	0.47	0.5	0.67	0.45	0.42	P	0.41	0.38	0.42	0.29	S	0.46	0.5	P	2.29	0.56
15:00	2.13	1.65	0.5	S	0.52	0.44	0.4	0.24	0.2	0.42	0.42	0.39	0.36	0.41	0.41	P	0.45	0.5	0.55	0.6	0.45	0.41	X	0.41	0.37	0.41	S	0.48	0.46	0.53	P	2.13	0.54
15:30	1.98	1.65	0.49	S	0.48	0.45	0.39	0.24	0	0.43	0.44	0.37	0.38	0.42	0.42	P	0.44	0.5	0.54	0.59	0.44	0.43	X	0.41	0.36	0.41	S	0.45	0.45	0.54	P	1.98	0.53
16:00	2.16	1.5	S	0.52	0.52	0.46	0.44	0.22	0	0.44	0.42	0.37	0.37	0.39	0.42	0.52	0.46	0.48	0.52	0.58	0.45	0.43	0.46	0.43	0.38	S	0.36	0.44	0.49	0.53	P	2.16	0.53
16:30	2.13	1.54	S	0.49	0.56	0.46	0.41	0.19	0	0.48	0.43	0.37	0.41	0.43	0.41	0.47	0.46	0.48	0.49	0.62	0.45	0.46	0.44	0.48	0.38	S	0.31	0.39	0.5	0.57	P	2.13	0.53
17:00	2.43	S	0.67	0.46	0.53	0.49	0.45	0.2	0	0.47	0.43	0.37	0.42	0.44	0.42	0.47	0.46	0.55	0.48	0.61	0.52	0.49	0.44	0.44	S	0.48	0.32	0.44	0.68	0.51	P	2.43	0.52
17:30	3.73	S	0.55	0.46	0.66	0.59	0.47	0.17	0	0.51	0.41	0.36	0.4	0.42	0.42	0.45	0.59	0.52	0.49	0.6	0.62	0.47	0.42	0.39	S	0.42	0.32	0.58	1.02	0.5	P	3.73	0.59
18:00	S	2.59	0.62	0.39	0.62	0.6	0.45	0.14	0	0.48	0.41	0.33	0.37	0.43	0.45	0.45	0.87	0.49	0.49	0.59	0.58	0.43	0.43	S	0.43	0.41	0.31	0.46	0.68	0.5	P	2.59	0.54
18:30	S	2.14	0.65	0.39	0.53	0.58	0.42	0.11	0	0.47	0.42	0.36	0.39	0.45	0.43	0.46	1.17	0.54	0.52	0.59	0.59	0.49	0.43	S	0.4	0.41	0.29	0.48	1.06	0.49	P	2.14	0.55
19:00	8.77	1.8	0.73	0.88	0.42	0.58	0.43	0.16	0	0.45	0.44	0.34	0.39	0.43	0.46	0.45	0.96	0.5	0.52	0.72	0.63	0.49	S	0.48	0.39	0.44	0.31	0.46	0.53	0.46	P	8.77	0.81
19:30	6.47	1.78	0.81	0.71	0.84	0.54	0.45	0.23	0	0.46	0.43	0.34	0.37	0.45	0.44	0.47	0.47	0.57	0.55	0.7	0.59	0.51	S	0.44	0.38	0.41	0.3	0.61	0.53	0.44	P	6.47	0.73
20:00	6.09	1.71	0.66	0.56	1.02	0.55	0.47	0.3	0	0.47	0.42	0.34	0.38	0.43	0.47	0.47	0.49	0.68	0.51	0.58	0.58	S	0.48	0.39	0.36	0.42	0.3	0.6	0.51	0.46	P	6.09	0.71
20:30	6.19	1.66	0.66	0.71	1.29	0.55	0.47	0.13	0	0.47	0.42	0.32	0.36	0.43	0.45	0.43	0.56	0.63	0.52	0.57	0.58	S	0.43	0.4	0.4	0.41	0.32	0.48	0.62	0.45	P	6.19	0.72
21:00	9.41	1.78	1.57	0.55	1.22	0.6	0.45	0.09	0	0.48	0.4	0.32	0.37	0.41	0.44	0.42	0.55	0.66	0.49	0.55	S	0.68	0.43	0.4	0.38	0.39	0.31	0.43	0.51	0.46	P	9.41	0.85
21:30	4.52	1.77	1.51	0.59	1.11	0.6	0.43	0.11	0	0.46	0.42	0.32	0.39	0.4	0.43	0.42	0.49	0.55	0.49	0.62	S	0.7	0.41	0.44	0.38	0.37	0.31	0.4	0.51	0.47	P	4.52	0.68
22:00	4.45	1.61	1.1	0.61	1.33	0.71	0.41	0.1	0	0.51	0.4	0.32	0.35	0.4	0.41	0.43	0.5	0.49	0.5	S	0.65	0.96	0.41	0.4	0.38	0.38	0.31	0.41	0.53	P	P	4.45	0.68
22:30	3.86	1.64	0.86	0.68	1	0.64	0.39	0.06	0	0.49	0.42	0.34	0.36	0.42	0.41	0.4	0.49	0.46	0.53	S	0.55	1.12	0.39	0.4	0.4	0.37	0.32	0.42	0.48	P	P	3.86	0.64
23:00	7.37	1.57	0.67	0.64	0.44	0.72	0.42	0.05	0	0.5	0.4	0.33	0.35	0.41	0.38	0.42	0.56	0.48	S	0.66	0.53	0.95	0.41	0.39	0.38	0.37	0.34	0.4	0.47	P	P	7.37	0.74
23:30	2.85	1.46	0.63	0.6	0.49	0.74	0.37	0.04	0	0.45	0.39	0.34	0.37	0.46	0.42	0.41	0.5	0.5	S	0.57	0.54	0.9	0.4	0.39	0.45	0.38	0.34	0.4	0.51	P	P	2.85	0.57
Minimum	0.7	1.44	0.49	0.39	0.42	0.44	0.37	0.04	0	0	0.39	0.32	0.32	0.36	0.38	0.4	0.4	0.46	0.45	0.46	0.44	0.41	0.39	0.39	0.36	0.37	0.28	0.33	0.36	0.44	0		
Maximum	9.41	5.16	1.57	2.64	1.33	1.99	0.92	0.59	0.2	0.55	0.5	0.44	0.42	0.48	0.49	0.53	1.19	0.74	1.43	2.05	0.65	1.12	0.68	0.6	0.54	0.64	0.36	0.61	1.06	0.63	0		
Average	2.86	2.09	0.86	0.88	0.61	0.69	0.59	0.34	0.01	0.35	0.42	0.37	0.38	0.42	0.43	0.46	0.67	0.55	0.65	0.78	0.53	0.53	0.47	0.42	0.42	0.44	0.32	0.43	0.49	0.5	0		

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance	P	Power Failure	X	InValid Data (Equipment Malfunction /Recovery)
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.



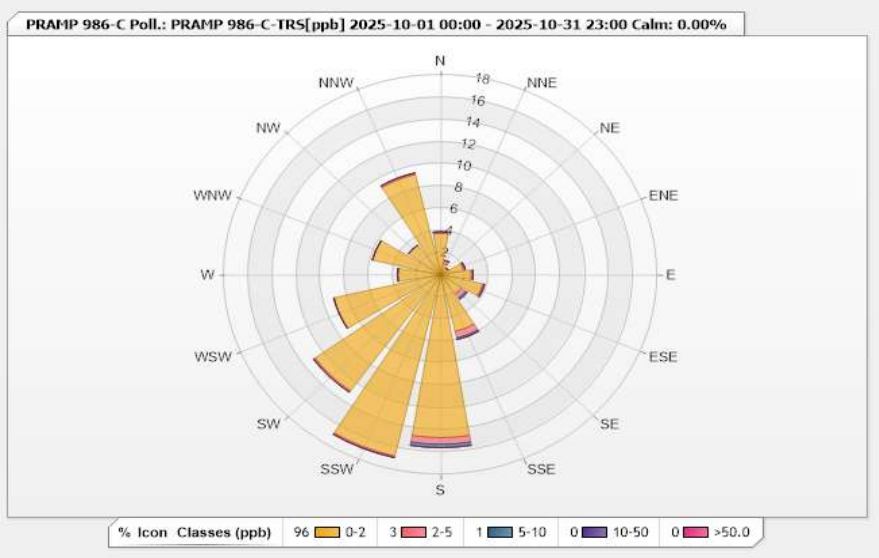


Station: PRAMP 986-C Poll.: PRAMP 986-C-TRS[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 89.78% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	3.74	0.15	0	0	0	3.89
NNE	1.05	0.3	0	0	0	1.35
NE	0.75	0	0	0	0	0.75
ENE	1.95	0.15	0	0	0	2.1
E	2.54	0.15	0	0	0	2.69
ESE	3.59	0.15	0	0	0	3.74
SE	2.1	0.45	0.15	0	0	2.7
SSE	5.24	0.6	0.15	0	0	5.99
S	14.67	0.6	0.3	0	0	15.57
SSW	16.77	0.15	0	0	0	16.92
SW	12.87	0.15	0	0	0	13.02
WSW	9.13	0	0	0	0	9.13
W	3.59	0	0	0	0	3.59
WNW	5.84	0	0	0	0	5.84
NW	3.29	0	0	0	0	3.29
NNW	9.28	0.15	0	0	0	9.43
Summary	96.4	3	0.6	0	0	100



Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

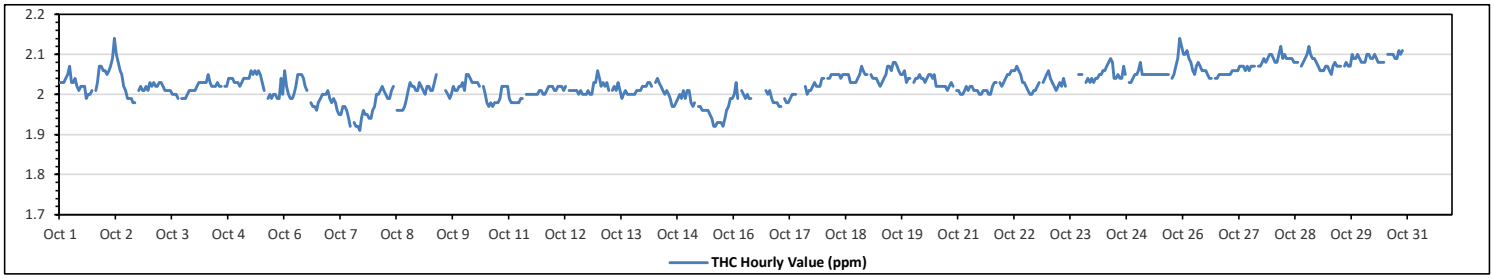
TOTAL HYDROCARBONS (THC) in ppm

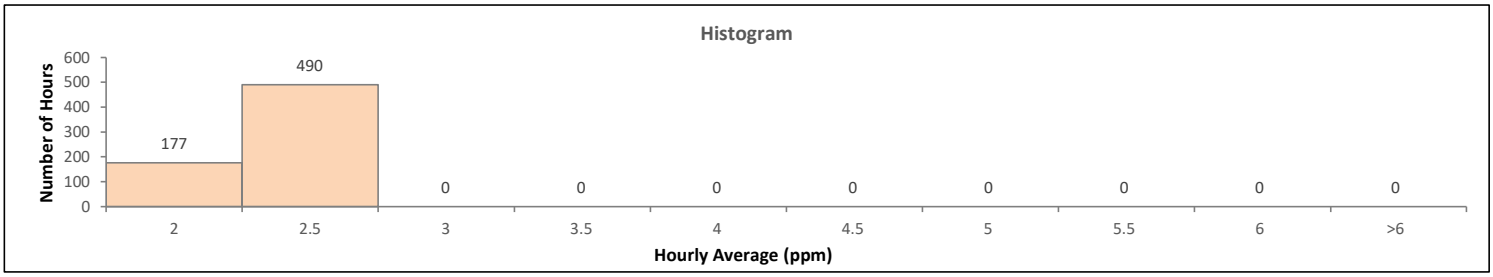
Maximum Hourly Value:	2.14	ppm	on Oct 2 at hr 5	Hours in Service:	744	
Maximum Daily Value:	2.09	ppm	on Oct 30	Hours of Data:	667	
Minimum Hourly Value:	1.91	ppm	on Oct 7 at hr 16	Hours of Missing Data:	43	
Minimum Daily Value:	1.95	ppm	on Oct 7	Hours of Calibration:	34	
Monthly Average:	2.03	ppm		Operational Uptime:	94.2	

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			
Oct 1	2.03	2.03	2.03	2.04	2.05	2.07	2.03	2.03	2.04	2.02	2.01	2.02	2.02	2.02	1.99	2.00	2.00	2.01	S	2.01	2.03	2.07	2.07	2.06	1.99	2.07	2.03
Oct 2	2.06	2.05	2.06	2.07	2.09	**2.14**	2.10	2.08	2.06	2.05	2.02	2.01	1.99	1.99	1.99	1.98	1.98	S	2.01	2.02	2.01	2.01	2.02	2.01	1.98	**2.14**	2.03
Oct 3	2.03	2.02	2.03	2.02	2.02	2.03	2.03	2.02	2.01	2.01	2.01	2.01	2.00	2.00	2.00	1.99	S	1.99	1.99	1.99	2.00	2.01	2.01	2.01	1.99	2.03	2.01
Oct 4	2.01	2.02	2.03	2.03	2.03	2.03	2.03	2.05	2.03	2.02	2.02	2.02	2.03	2.02	2.02	S	2.02	2.02	2.04	2.04	2.04	2.03	2.03	2.03	2.01	2.05	2.03
Oct 5	2.02	2.03	2.04	2.04	2.04	2.04	2.06	2.05	2.06	2.05	2.06	2.05	2.03	2.01	S	1.99	2.00	1.99	2.00	2.00	1.99	1.99	2.04	2.00	1.99	2.06	2.03
Oct 6	2.06	2.02	2.00	1.99	1.99	2.00	2.02	2.05	2.05	2.05	2.04	2.02	2.01	S	1.98	1.97	1.97	1.96	1.98	1.99	2.00	2.00	2.00	2.01	1.96	2.06	2.01
Oct 7	1.99	1.98	1.99	1.98	1.96	1.95	1.95	1.97	1.97	1.96	1.94	1.92	S	1.93	1.92	1.92	1.91	1.94	1.96	1.95	1.95	1.94	1.94	1.96	1.91	1.99	1.95
Oct 8	1.97	2.00	2.00	2.01	2.02	2.01	2.00	1.99	1.99	2.01	2.02	S	1.96	1.96	1.96	1.96	1.97	1.99	2.01	2.03	2.02	2.02	2.01	2.01	1.96	2.03	2.00
Oct 9	2.03	2.02	2.01	2.00	2.02	2.02	2.01	2.01	2.03	2.05	C	C	C	C	2.01	2.00	1.99	2.00	2.02	2.01	2.01	2.02	2.02	2.03	1.99	2.05	2.02
Oct 10	2.01	2.05	2.05	2.04	2.03	2.03	2.03	2.03	2.02	S	2.02	2.00	1.98	1.97	1.98	1.97	1.98	1.98	1.98	1.99	2.02	2.02	2.02	2.02	1.97	2.05	2.01
Oct 11	1.99	1.98	1.98	1.98	1.98	1.98	1.99	1.99	S	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.00	2.00	2.01	2.02	2.02	2.02	1.98	2.02	2.00
Oct 12	2.01	2.01	2.02	2.02	2.02	2.01	2.02	S	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.00	2.00	2.00	2.01	2.00	2.00	2.03	2.03	2.06	2.00	2.06	2.01
Oct 13	2.04	2.02	2.03	2.02	2.03	2.01	S	2.01	2.02	2.01	2.03	2.01	1.99	2.00	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.02	1.99	2.04	2.01
Oct 14	2.02	2.02	2.03	2.03	2.02	S	2.03	2.04	2.03	2.02	2.01	2.00	2.01	2.00	1.99	1.97	1.97	1.98	1.99	2.00	1.99	2.01	1.99	2.01	1.97	2.04	2.01
Oct 15	2.01	1.98	1.97	1.98	S	1.97	1.97	1.96	1.96	1.96	1.96	1.95	1.94	1.92	1.92	1.93	1.93	1.93	1.92	1.94	1.96	1.97	1.99	1.99	1.92	2.01	1.96
Oct 16	2.00	2.03	1.99	S	2.01	2.00	1.99	2.00	1.99	1.99	P	P	P	P	P	P	X	2.01	2.00	2.01	1.99	1.98	1.98	1.98	1.98	2.03	NA
Oct 17	1.97	1.97	S	1.99	1.98	1.98	1.99	2.00	2.00	2.00	P	P	P	X	2.02	2.00	2.01	2.01	2.02	2.03	2.02	2.02	2.02	2.04	1.97	2.04	2.00
Oct 18	2.04	S	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.04	2.05	2.05	2.05	2.05	2.03	2.03	2.03	2.03	2.04	2.05	2.07	2.06	2.05	2.05	2.03	2.07	2.05
Oct 19	S	2.05	2.04	2.04	2.04	2.03	2.02	2.03	2.04	2.05	2.07	2.07	2.06	2.08	2.08	2.07	2.06	2.05	2.05	2.06	2.03	2.04	2.04	S	2.02	2.08	2.05
Oct 20	2.03	2.04	2.04	2.05	2.04	2.04	2.03	2.04	2.05	2.05	2.04	2.05	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.02	2.03	2.02	S	2.01	2.01	2.05	2.03
Oct 21	2.01	2.00	2.00	2.01	2.02	2.01	2.02	2.02	2.01	2.01	2.01	2.00	2.00	2.01	2.01	2.01	2.00	2.00	2.02	2.03	2.03	S	2.03	2.02	2.00	2.03	2.01
Oct 22	2.03	2.04	2.05	2.05	2.06	2.06	2.06	2.07	2.06	2.05	2.03	2.03	2.02	2.01	2.00	2.00	2.01	2.01	2.02	2.03	S	2.03	2.04	2.05	2.00	2.07	2.04
Oct 23	2.06	2.04	2.03	2.02	2.01	2.02	2.03	2.02	2.04	2.02	P	P	P	P	P	X	2.05	2.05	2.05	S	2.03	2.04	2.03	2.04	2.01	2.06	NA
Oct 24	2.03	2.04	2.04	2.05	2.05	2.06	2.06	2.07	2.08	2.09	2.08	2.04	2.04	2.05	2.04	2.04	2.07	2.05	S	2.03	2.03	2.04	2.05	2.05	2.03	2.09	2.05
Oct 25	2.06	2.08	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	S	2.04	2.05	2.07	2.09	**2.14**	2.12	2.04	**2.14**	2.06
Oct 26	2.10	2.10	2.11	2.09	2.08	2.06	2.05	2.07	2.08	2.07	2.06	2.06	2.06	2.05	2.04	2.04	S	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.04	2.11	2.06
Oct 27	2.05	2.05	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.06	2.07	2.06	2.07	2.07	2.07	S	2.07	2.07	2.08	2.09	2.08	2.09	2.10	2.10	2.05	2.10	2.07
Oct 28	2.09	2.08	2.08	2.10	2.12	2.09	2.10	2.09	2.09	2.09	2.09	2.08	2.08	2.08	S	2.07	2.08	2.09	2.10	2.12	2.10	2.09	2.09	2.08	2.07	2.12	2.09
Oct 29	2.07	2.06	2.06	2.06	2.07	2.07	2.06	2.05	2.07	2.08	2.07	2.07	2.07	S	2.07	2.08	2.07	2.07	2.10	2.09	2.09	2.10	2.09	2.08	2.05	2.10	2.07
Oct 30	2.08	2.08	2.10	2.10	2.09	2.09	2.10	2.09	2.08	2.08	2.08	2.08	S	2.10	2.10	2.10	2.10	2.09	2.09	2.11	2.10	2.11	P	P	2.08	2.11	**2.09**
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	2.10	2.10	2.11	2.10	2.12	2.14	2.10	2.09	2.09	2.09	2.09	2.08	2.08	2.10	2.10	2.10	2.10	2.09	2.10	2.12	2.10	2.11	2.14	2.12			
Diurnal Average	2.03	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.02	2.02	2.01	2.01	2.01	2.01	2.02	2.03	2.03	2.03	2.03	2.03			

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.



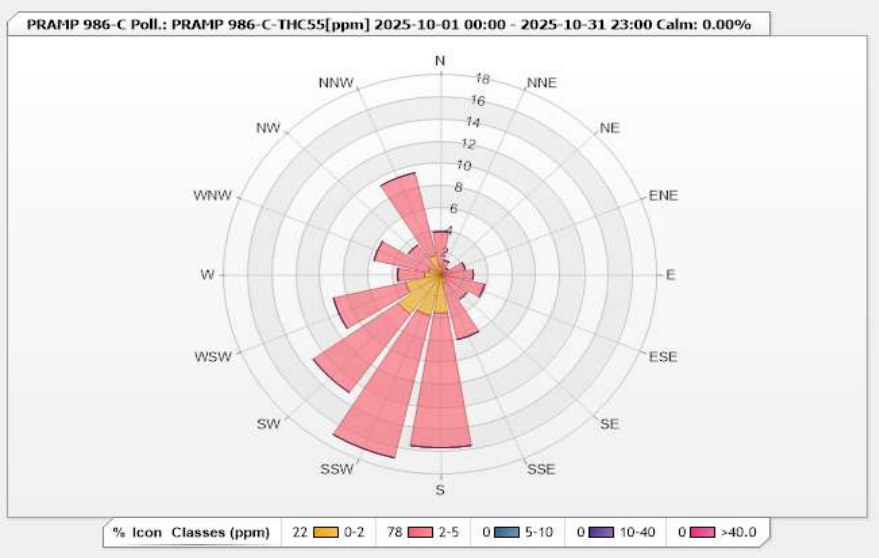


Station: PRAMP 986-C Poll.: PRAMP 986-C-THC55[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 89.65% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.75	3.15	0	0	0	3.9
NNE	0.3	1.05	0	0	0	1.35
NE	0.15	0.6	0	0	0	0.75
ENE	0	2.1	0	0	0	2.1
E	0.3	2.4	0	0	0	2.7
ESE	0	3.75	0	0	0	3.75
SE	0.15	2.55	0	0	0	2.7
SSE	0.75	5.25	0	0	0	6
S	3.45	12.14	0	0	0	15.59
SSW	3.75	13.19	0	0	0	16.94
SW	4.35	8.7	0	0	0	13.05
WSW	3	6.15	0	0	0	9.15
W	1.35	2.25	0	0	0	3.6
WNW	1.05	4.65	0	0	0	5.7
NW	0.45	2.85	0	0	0	3.3
NNW	1.8	7.65	0	0	0	9.45
Summary	21.6	78.43	0	0	0	100



Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

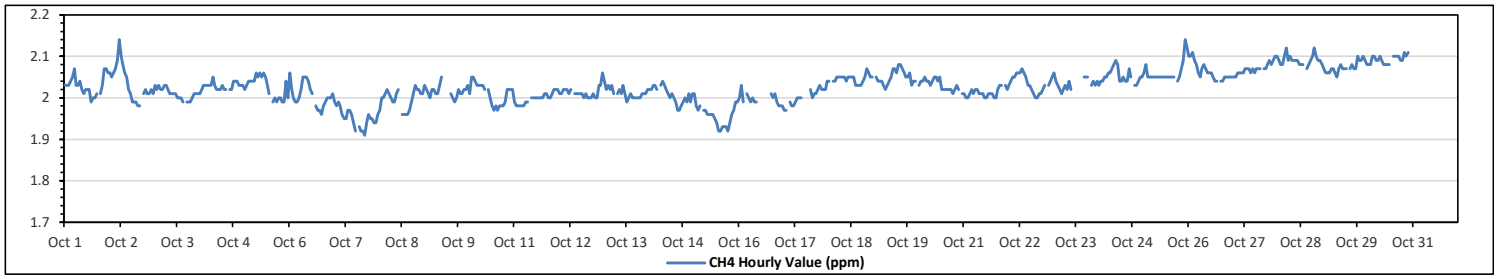
METHANE (CH4) in ppm

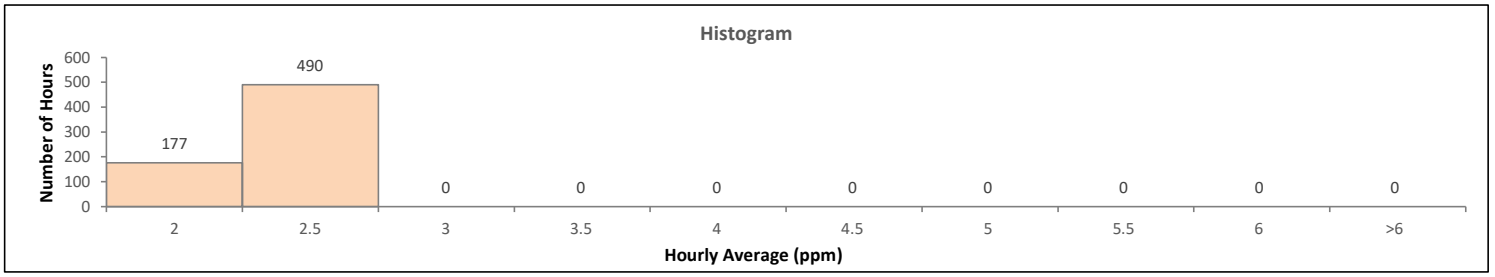
Maximum Hourly Value:	2.14	ppm	on Oct 2 at hr 5	Hours in Service:	744
Maximum Daily Value:	2.09	ppm	on Oct 30	Hours of Data:	667
Minimum Hourly Value:	1.91	ppm	on Oct 7 at hr 16	Hours of Missing Data:	43
Minimum Daily Value:	1.95	ppm	on Oct 7	Hours of Calibration:	34
Monthly Average:	2.03	ppm		Operational Uptime:	94.2

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			
Oct 1	2.03	2.03	2.03	2.04	2.05	2.07	2.03	2.03	2.04	2.02	2.01	2.02	2.02	2.02	1.99	2.00	2.00	2.01	S	2.01	2.03	2.07	2.07	2.06	1.99	2.07	2.03
Oct 2	2.06	2.05	2.06	2.07	2.09	**2.14**	2.10	2.08	2.06	2.05	2.02	2.01	1.99	1.99	1.99	1.98	1.98	S	2.01	2.02	2.01	2.01	2.02	2.01	1.98	**2.14**	2.03
Oct 3	2.03	2.02	2.03	2.02	2.02	2.03	2.03	2.02	2.01	2.01	2.01	2.01	2.00	2.00	2.00	1.99	S	1.99	1.99	1.99	2.00	2.01	2.01	2.01	1.99	2.03	2.01
Oct 4	2.01	2.02	2.03	2.03	2.03	2.03	2.03	2.05	2.03	2.02	2.02	2.02	2.03	2.02	2.02	S	2.02	2.02	2.04	2.04	2.04	2.03	2.03	2.03	2.01	2.05	2.03
Oct 5	2.02	2.03	2.04	2.04	2.04	2.04	2.06	2.05	2.06	2.05	2.06	2.05	2.03	2.01	S	1.99	2.00	1.99	2.00	2.00	1.99	1.99	2.04	2.00	1.99	2.06	2.03
Oct 6	2.06	2.02	2.00	1.99	1.99	2.00	2.02	2.05	2.05	2.05	2.04	2.02	2.01	S	1.98	1.97	1.97	1.96	1.98	1.99	2.00	2.00	2.00	2.01	1.96	2.06	2.01
Oct 7	1.99	1.98	1.99	1.98	1.96	1.95	1.95	1.97	1.97	1.96	1.94	1.92	S	1.93	1.92	1.92	1.91	1.94	1.96	1.95	1.95	1.94	1.94	1.96	1.91	1.99	1.95
Oct 8	1.97	2.00	2.00	2.01	2.02	2.01	2.00	1.99	1.99	2.01	2.02	S	1.96	1.96	1.96	1.96	1.97	1.99	2.01	2.03	2.02	2.02	2.01	2.01	1.96	2.03	2.00
Oct 9	2.03	2.02	2.01	2.00	2.02	2.02	2.01	2.01	2.03	2.05	C	C	C	C	2.01	2.00	1.99	2.00	2.02	2.01	2.01	2.02	2.02	2.03	1.99	2.05	2.02
Oct 10	2.01	2.05	2.05	2.04	2.03	2.03	2.03	2.03	2.02	S	2.02	2.00	1.98	1.97	1.98	1.97	1.98	1.98	1.98	1.99	2.02	2.02	2.02	2.02	1.97	2.05	2.01
Oct 11	1.99	1.98	1.98	1.98	1.98	1.98	1.99	1.99	S	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.00	2.00	2.01	2.02	2.02	2.02	1.98	2.02	2.00
Oct 12	2.01	2.01	2.02	2.02	2.02	2.01	2.02	S	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.00	2.00	2.00	2.01	2.00	2.00	2.03	2.03	2.06	2.00	2.06	2.01
Oct 13	2.04	2.02	2.03	2.02	2.03	2.01	S	2.01	2.02	2.01	2.03	2.01	1.99	2.00	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.02	1.99	2.04	2.01
Oct 14	2.02	2.02	2.03	2.03	2.02	S	2.03	2.04	2.03	2.02	2.01	2.00	2.01	2.00	1.99	1.97	1.97	1.98	1.99	2.00	1.99	2.01	1.99	2.01	1.97	2.04	2.01
Oct 15	2.01	1.98	1.97	1.98	S	1.97	1.97	1.96	1.96	1.96	1.96	1.95	1.94	1.92	1.92	1.93	1.93	1.93	1.92	1.94	1.96	1.97	1.99	1.99	1.92	2.01	1.96
Oct 16	2.00	2.03	1.99	S	2.01	2.00	1.99	2.00	1.99	1.99	P	P	P	P	P	P	X	2.01	2.00	2.01	1.99	1.98	1.98	1.98	1.98	2.03	NA
Oct 17	1.97	1.97	S	1.99	1.98	1.98	1.99	2.00	2.00	2.00	P	P	P	X	2.02	2.00	2.01	2.01	2.02	2.03	2.02	2.02	2.02	2.04	1.97	2.04	2.00
Oct 18	2.04	S	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.04	2.05	2.05	2.05	2.05	2.03	2.03	2.03	2.03	2.04	2.05	2.07	2.06	2.05	2.05	2.03	2.07	2.05
Oct 19	S	2.05	2.04	2.04	2.04	2.03	2.02	2.03	2.04	2.05	2.07	2.07	2.06	2.08	2.08	2.07	2.06	2.05	2.05	2.06	2.03	2.04	2.04	S	2.02	2.08	2.05
Oct 20	2.03	2.04	2.04	2.05	2.04	2.04	2.03	2.04	2.05	2.05	2.04	2.05	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.02	2.03	2.02	S	2.01	2.01	2.05	2.03
Oct 21	2.01	2.00	2.00	2.01	2.02	2.01	2.02	2.02	2.01	2.01	2.01	2.00	2.00	2.01	2.01	2.01	2.00	2.00	2.02	2.03	2.03	S	2.03	2.02	2.00	2.03	2.01
Oct 22	2.03	2.04	2.05	2.05	2.06	2.06	2.06	2.07	2.06	2.05	2.03	2.03	2.02	2.01	2.00	2.00	2.01	2.01	2.02	2.03	S	2.03	2.04	2.05	2.00	2.07	2.04
Oct 23	2.06	2.04	2.03	2.02	2.01	2.02	2.03	2.02	2.04	2.02	P	P	P	P	P	X	2.05	2.05	2.05	S	2.03	2.04	2.03	2.04	2.01	2.06	NA
Oct 24	2.03	2.04	2.04	2.05	2.05	2.06	2.06	2.07	2.08	2.09	2.08	2.04	2.04	2.05	2.04	2.04	2.07	2.05	S	2.03	2.03	2.04	2.05	2.05	2.03	2.09	2.05
Oct 25	2.06	2.08	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	S	2.04	2.05	2.07	2.09	**2.14**	2.12	2.04	**2.14**	2.06
Oct 26	2.10	2.10	2.11	2.09	2.08	2.06	2.05	2.07	2.08	2.07	2.06	2.06	2.06	2.05	2.04	2.04	S	2.04	2.04	2.05	2.05	2.05	2.05	2.05	2.04	2.11	2.06
Oct 27	2.05	2.05	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.06	2.07	2.06	2.07	2.07	2.07	S	2.07	2.07	2.08	2.09	2.08	2.09	2.10	2.10	2.05	2.10	2.07
Oct 28	2.09	2.08	2.08	2.10	2.12	2.09	2.10	2.09	2.09	2.09	2.09	2.08	2.08	2.08	S	2.07	2.08	2.09	2.10	2.12	2.10	2.09	2.09	2.08	2.07	2.12	2.09
Oct 29	2.07	2.06	2.06	2.06	2.07	2.07	2.06	2.05	2.07	2.08	2.07	2.07	2.07	S	2.07	2.08	2.07	2.07	2.10	2.09	2.09	2.10	2.09	2.08	2.05	2.10	2.07
Oct 30	2.08	2.08	2.10	2.10	2.09	2.09	2.10	2.09	2.08	2.08	2.08	2.08	S	2.10	2.10	2.10	2.10	2.09	2.09	2.11	2.10	2.11	P	P	2.08	2.11	**2.09**
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	2.10	2.10	2.11	2.10	2.12	2.14	2.10	2.09	2.09	2.09	2.09	2.08	2.08	2.10	2.10	2.10	2.10	2.09	2.10	2.12	2.10	2.11	2.14	2.12			
Diurnal Average	2.03	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.02	2.02	2.01	2.01	2.01	2.01	2.02	2.03	2.03	2.03	2.03	2.03			

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.



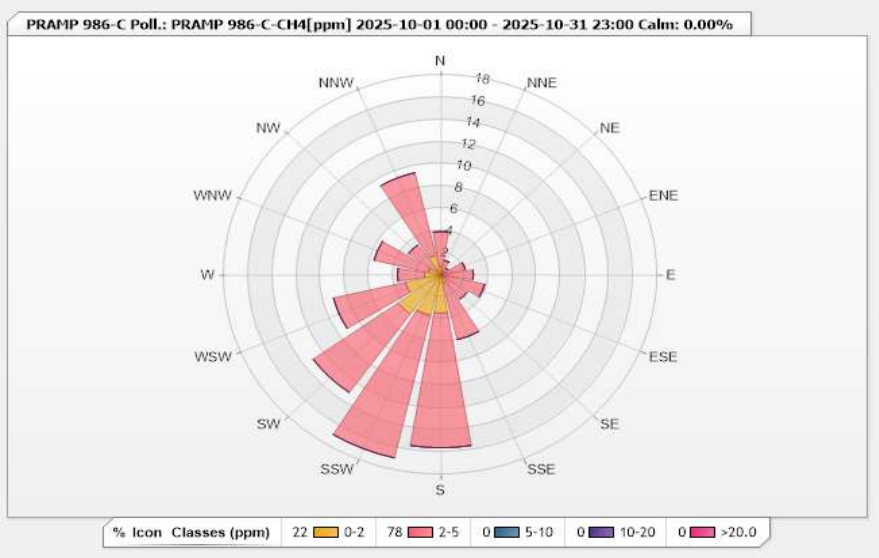


Station: PRAMP 986-C Poll.: PRAMP 986-C-CH4[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 89.65% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.75	3.15	0	0	0	3.9
NNE	0.3	1.05	0	0	0	1.35
NE	0.15	0.6	0	0	0	0.75
ENE	0	2.1	0	0	0	2.1
E	0.3	2.4	0	0	0	2.7
ESE	0	3.75	0	0	0	3.75
SE	0.15	2.55	0	0	0	2.7
SSE	0.75	5.25	0	0	0	6
S	3.45	12.14	0	0	0	15.59
SSW	3.75	13.19	0	0	0	16.94
SW	4.35	8.7	0	0	0	13.05
WSW	3	6.15	0	0	0	9.15
W	1.35	2.25	0	0	0	3.6
WNW	1.05	4.65	0	0	0	5.7
NW	0.45	2.85	0	0	0	3.3
NNW	1.8	7.65	0	0	0	9.45
Summary	21.6	78.43	0	0	0	100



Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

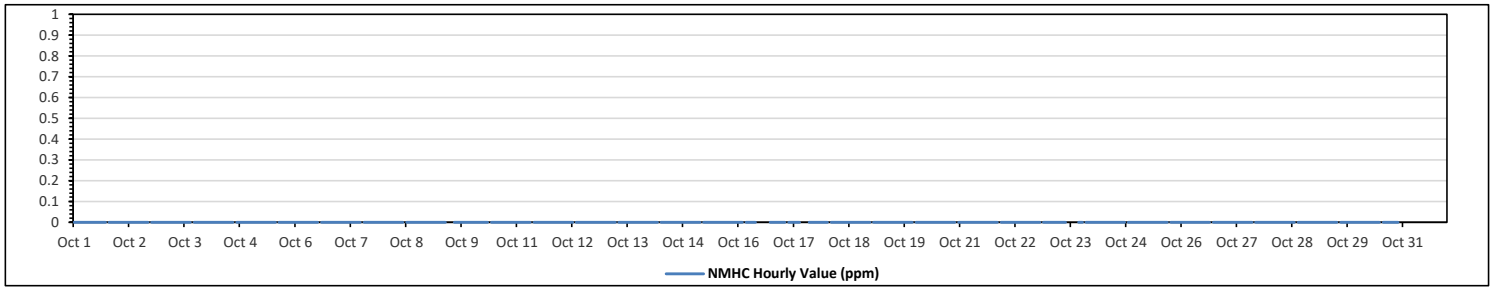
NON-METHANE HYDROCARBONS (NMHC) in ppm

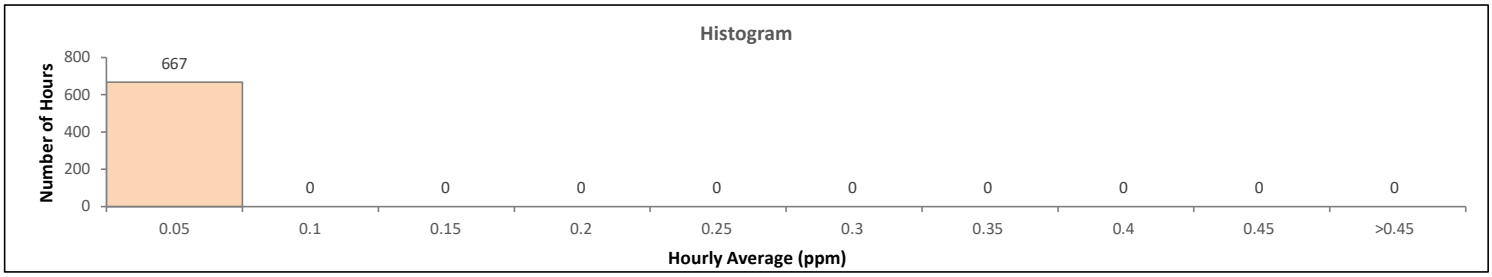
Maximum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours in Service:	744
Maximum Daily Value:	0.00	ppm	on Oct 1	Hours of Data:	667
Minimum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours of Missing Data:	43
Minimum Daily Value:	0.00	ppm	on Oct 1	Hours of Calibration:	34
Monthly Average:	0.00	ppm		Operational Uptime:	94.2

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			
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 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	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
Oct 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	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
Oct 8	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	0.00
Oct 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Oct 10	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	0.00
Oct 11	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	0.00
Oct 12	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
Oct 13	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
Oct 14	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
Oct 15	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
Oct 16	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	P	P	P	P	P	P	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Oct 17	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	P	P	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 18	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
Oct 19	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
Oct 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	S	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00
Oct 23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	P	P	P	P	X	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	NA
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 29	0.00	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
Oct 30	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	P	P	0.00	0.00	0.00
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
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			
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			

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.



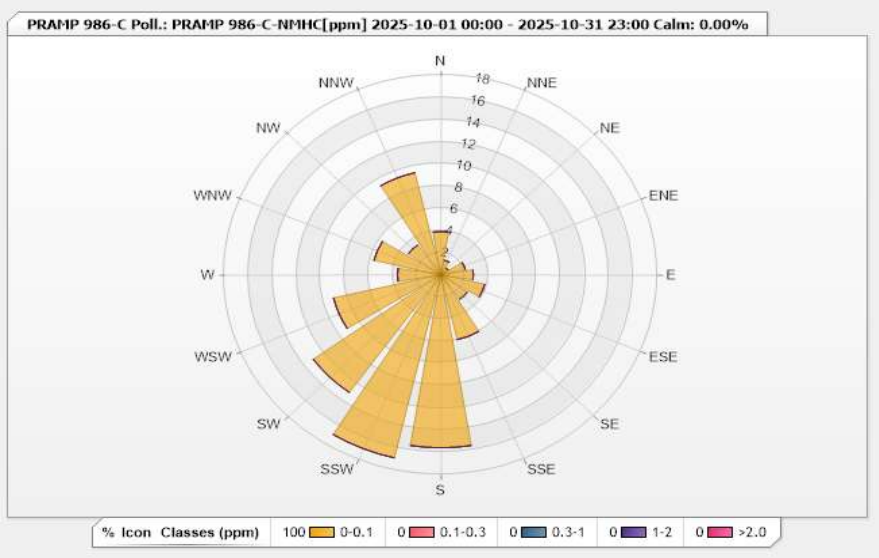


Station: PRAMP 986-C Poll.: PRAMP 986-C-NMHC[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 89.65% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	3.9	0	0	0	0	3.9
NNE	1.35	0	0	0	0	1.35
NE	0.75	0	0	0	0	0.75
ENE	2.1	0	0	0	0	2.1
E	2.7	0	0	0	0	2.7
ESE	3.75	0	0	0	0	3.75
SE	2.7	0	0	0	0	2.7
SSE	6	0	0	0	0	6
S	15.59	0	0	0	0	15.59
SSW	16.94	0	0	0	0	16.94
SW	13.04	0	0	0	0	13.04
WSW	9.15	0	0	0	0	9.15
W	3.6	0	0	0	0	3.6
WNW	5.7	0	0	0	0	5.7
NW	3.3	0	0	0	0	3.3
NNW	9.45	0	0	0	0	9.45
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

RELATIVE HUMIDITY (RH) in %

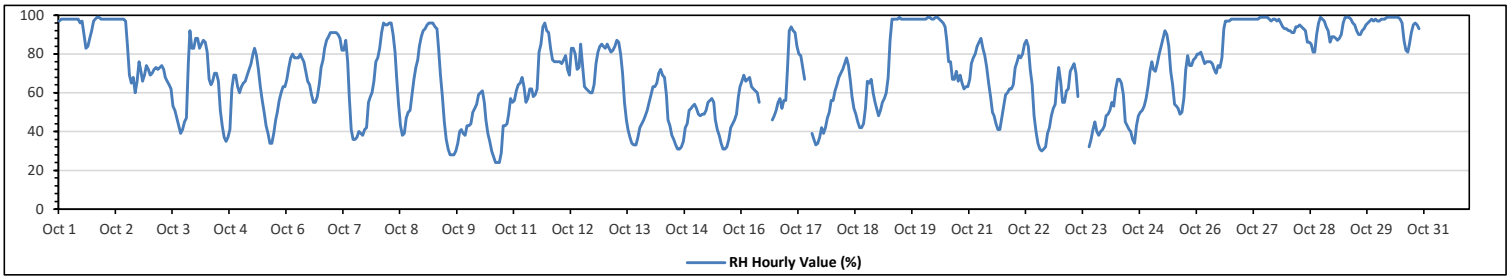
Maximum Hourly Value:	99	%	on Oct 1 at hr 20	Hours in Service:	744	
Maximum Daily Value:	97.5	%	on Oct 27	Hours of Data:	704	
Minimum Hourly Value:	24	%	on Oct 10 at hr 14	Hours of Missing Data:	40	
Minimum Daily Value:	43.6	%	on Oct 10	Hours of Calibration:	0	
Monthly Average:	69.9	%		Operational Uptime:	94.6	

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
Oct 1	97	98	98	98	98	98	98	98	98	98	98	96	97	90	83	84	88	92	97	98	**99**	**99**	98	98	83	**99**	95.7
Oct 2	98	98	98	98	98	98	98	98	98	98	98	97	84	69	65	68	60	66	76	71	66	69	74	72	60	98	84.0
Oct 3	69	70	72	73	72	73	74	72	68	66	64	62	53	51	47	43	39	41	45	47	75	92	83	83	39	92	63.9
Oct 4	88	88	83	85	87	86	81	67	64	66	70	70	66	51	43	37	35	37	41	62	69	69	63	60	35	88	65.3
Oct 5	63	65	66	69	72	75	80	83	79	72	63	56	50	43	39	34	34	39	46	50	56	60	63	63	34	83	59.2
Oct 6	67	73	78	80	78	78	78	80	78	76	71	66	64	59	55	55	58	64	73	77	83	87	89	91	55	91	73.3
Oct 7	91	91	91	90	88	82	82	87	76	58	41	36	36	37	40	39	38	41	42	55	58	60	66	76	36	91	62.5
Oct 8	78	83	91	96	95	95	96	96	90	81	68	54	43	38	39	47	50	51	59	67	73	77	84	89	38	96	72.5
Oct 9	92	93	95	96	96	96	94	93	83	69	58	45	36	31	28	28	28	30	34	40	41	39	38	43	28	96	59.4
Oct 10	43	44	50	52	54	59	60	61	55	46	39	35	30	27	**24**	**24**	**24**	29	43	43	44	49	57	55	**24**	61	**43.6**
Oct 11	56	61	64	65	68	63	55	57	62	62	58	59	62	81	85	94	96	92	91	83	77	76	76	76	55	96	71.6
Oct 12	76	75	77	79	72	69	83	83	80	72	73	85	74	63	62	61	60	60	64	75	81	84	85	84	60	85	74.0
Oct 13	83	85	83	81	82	84	87	86	80	70	55	46	41	37	34	33	33	37	42	44	46	48	51	55	33	87	59.3
Oct 14	59	63	63	65	70	72	69	68	59	46	43	38	36	33	31	31	32	35	42	44	51	52	53	54	31	72	50.4
Oct 15	52	49	48	49	49	51	55	56	57	55	46	41	38	34	31	31	32	36	42	44	46	49	58	63	31	63	46.3
Oct 16	66	69	66	67	68	63	62	61	60	55	**P**	**P**	**P**	**P**	**P**	**P**	46	48	51	55	57	52	56	56	46	69	58.8
Oct 17	71	92	94	92	91	84	80	79	73	67	**P**	**P**	**P**	39	36	33	34	37	42	39	42	47	50	56	33	94	60.9
Oct 18	56	61	64	68	70	72	75	78	74	66	58	52	49	45	42	42	44	52	66	65	67	60	55	52	42	78	59.7
Oct 19	48	51	55	57	60	68	87	98	98	98	98	**99**	98	98	98	98	98	98	98	98	98	98	98	98	48	**99**	87.2
Oct 20	98	98	**99**	**99**	98	98	**99**	**99**	98	97	96	94	87	76	76	67	67	71	66	69	65	62	63	63	62	**99**	83.5
Oct 21	67	75	78	80	84	86	88	83	79	73	65	58	50	48	44	41	41	47	53	59	60	62	62	64	41	88	64.5
Oct 22	73	76	79	78	80	85	87	84	72	64	48	40	34	31	30	31	32	39	42	48	52	54	66	73	30	87	58.3
Oct 23	66	55	55	61	62	71	73	75	70	58	**P**	**P**	**P**	**P**	**P**	32	36	41	45	40	38	40	41	43	32	75	52.7
Oct 24	48	49	51	55	53	62	67	67	65	59	45	43	41	40	36	34	43	48	50	51	53	57	63	71	34	71	52.1
Oct 25	76	72	71	75	80	84	88	92	90	84	71	64	54	53	52	49	50	57	72	79	74	74	77	78	49	92	71.5
Oct 26	80	80	81	78	75	76	76	76	75	72	70	74	73	78	93	97	97	97	98	98	98	98	98	98	70	98	84.8
Oct 27	98	98	98	98	98	98	98	98	98	**99**	**99**	**99**	**99**	**99**	98	97	98	98	97	98	96	94	93	93	93	**99**	**97.5**
Oct 28	92	92	91	91	94	94	95	94	93	92	86	86	85	81	81	90	96	**99**	98	97	94	92	86	89	81	**99**	91.2
Oct 29	89	88	87	88	90	96	**99**	**99**	**99**	98	96	95	92	90	90	92	93	95	96	97	98	97	98	97	87	**99**	94.1
Oct 30	97	98	98	98	**99**	**99**	**99**	**99**	**99**	**99**	**99**	98	96	87	82	81	85	91	95	96	95	93	**P**	**P**	81	**99**	94.7
Oct 31	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	-	-	
Diurnal Maximum	98	98	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	99	98	98	99	99	98	98			
Diurnal Average	74.6	76.3	77.5	78.7	79.4	80.5	82.1	82.2	79.0	73.9	69.5	66.2	61.8	57.5	55.9	54.9	55.6	58.9	63.5	66.3	68.4	69.7	70.5	72.2			

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

986-C Station - October 2025

Summary of Hourly Averages

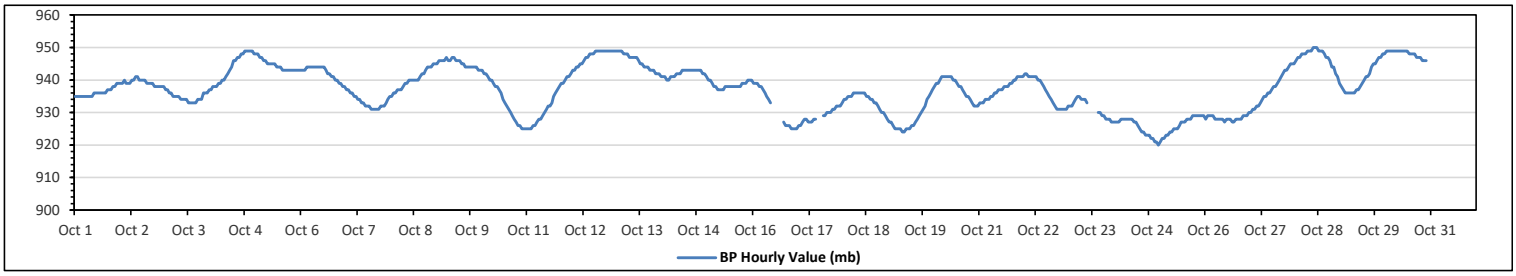
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	950	mb	on Oct 28 at hr 9	Hours in Service:	744
Maximum Daily Value:	948	mb	on Oct 30	Hours of Data:	704
Minimum Hourly Value:	920	mb	on Oct 24 at hr 23	Hours of Missing Data:	40
Minimum Daily Value:	925	mb	on Oct 24	Hours of Calibration:	0
Monthly Average:	937	mb		Operational Uptime:	94.6

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
Oct 1	935	935	935	935	935	935	935	935	935	935	936	936	936	936	936	936	936	937	937	937	938	938	939	939	935	939	936
Oct 2	939	939	940	939	939	939	940	940	941	941	940	940	940	940	939	939	939	939	938	938	938	938	938	938	938	941	939
Oct 3	937	937	936	936	935	935	935	935	934	934	934	934	933	933	933	933	933	934	934	934	936	936	936	937	933	937	935
Oct 4	937	938	938	938	939	939	940	940	941	942	943	944	946	946	947	947	948	948	949	949	949	949	949	948	937	949	944
Oct 5	948	948	947	947	946	946	945	945	945	945	945	944	944	944	943	943	943	943	943	943	943	943	943	943	943	948	945
Oct 6	943	943	943	944	944	944	944	944	944	944	944	944	944	943	942	942	941	941	940	940	939	939	938	938	938	944	942
Oct 7	937	937	936	936	935	935	934	934	933	933	932	932	932	931	931	931	931	931	932	932	932	933	934	935	931	937	933
Oct 8	935	936	936	937	937	937	938	939	939	940	940	940	940	940	940	941	942	942	943	944	944	944	945	945	935	945	940
Oct 9	945	946	946	946	946	947	946	946	947	947	946	946	946	945	945	944	944	944	944	944	944	944	943	943	943	947	945
Oct 10	943	942	942	941	940	940	939	938	938	937	936	934	933	932	931	930	929	928	927	926	926	925	925	925	925	943	934
Oct 11	925	925	925	926	926	927	928	928	929	930	931	932	932	933	935	936	937	938	939	939	940	941	941	942	925	942	933
Oct 12	943	943	944	944	945	945	946	947	947	948	948	948	949	949	949	949	949	949	949	949	949	949	949	949	943	949	947
Oct 13	949	949	949	948	948	948	947	947	947	947	947	946	945	945	944	944	944	943	943	943	942	942	942	941	941	949	945
Oct 14	941	941	940	940	941	941	941	942	942	942	943	943	943	943	943	943	943	943	943	943	943	942	942	941	940	943	942
Oct 15	940	940	939	938	938	937	937	937	937	938	938	938	938	938	938	938	938	938	939	939	939	940	940	940	937	940	938
Oct 16	939	939	939	938	938	937	936	935	934	933	P	P	P	P	P	P	927	926	926	926	925	925	925	925	925	939	932
Oct 17	926	926	927	928	928	927	927	927	928	928	P	P	P	929	929	930	930	930	931	931	932	932	932	933	926	933	929
Oct 18	934	934	935	935	935	936	936	936	936	936	936	936	935	935	934	934	933	933	932	931	930	930	929	928	928	936	934
Oct 19	927	927	926	925	925	925	925	924	924	925	925	925	926	926	927	928	929	930	931	932	934	935	936	937	924	937	928
Oct 20	938	939	939	940	941	941	941	941	941	941	940	940	939	938	938	937	936	935	935	934	933	932	932	932	932	941	938
Oct 21	933	933	933	934	934	934	935	935	936	936	937	937	937	938	938	938	939	939	940	940	941	941	941	941	933	941	937
Oct 22	942	942	941	941	941	941	941	940	940	939	938	937	936	935	934	933	932	931	931	931	931	931	931	932	931	942	936
Oct 23	932	932	933	934	935	935	934	934	934	933	P	P	P	P	P	930	930	929	929	928	928	928	927	927	927	935	931
Oct 24	927	927	927	928	928	928	928	928	928	928	927	927	926	925	924	924	923	923	923	922	922	921	921	**920**	**920**	928	**925**
Oct 25	921	922	922	923	923	924	924	925	925	925	926	927	927	927	928	928	928	929	929	929	929	929	929	929	921	929	926
Oct 26	928	929	929	929	929	928	928	928	928	928	927	928	928	928	927	927	928	928	928	928	929	929	929	930	927	930	928
Oct 27	930	931	931	932	932	933	934	935	935	936	936	937	938	938	939	940	941	942	943	943	944	945	945	945	930	945	938
Oct 28	946	947	947	948	948	948	949	949	949	**950**	**950**	**950**	949	949	949	948	947	947	946	944	944	942	941	939	939	**950**	947
Oct 29	938	937	936	936	936	936	936	936	937	937	938	939	940	941	941	942	944	945	945	946	947	947	948	948	936	948	941
Oct 30	949	949	949	949	949	949	949	949	949	949	949	949	948	948	948	948	947	947	947	946	946	946	P	P	946	949	**948**
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	949	949	949	949	949	949	949	949	949	950	950	950	949	949	949	949	949	949	949	949	949	949	949	949			
Diurnal Average	937	937	937	937	937	937	937	937	937	938	938	938	938	938	938	937	937	937	937	937	937	937	937	937			

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 - October 2025

Summary of Hourly Averages

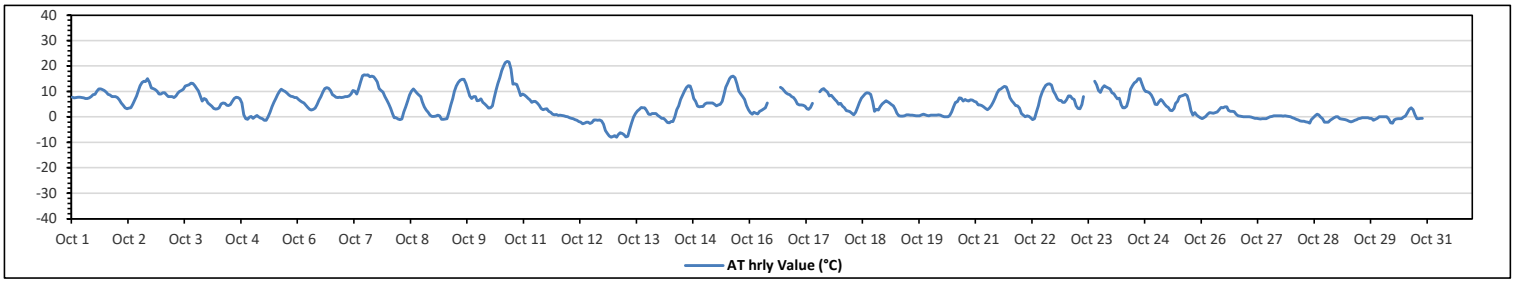
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	21.8	°C	on Oct 10 at hr 15	Hours in Service:	744
Maximum Daily Value:	11.8	°C	on Oct 7	Hours of Data:	704
Minimum Hourly Value:	-8.0	°C	on Oct 12 at hr 22	Hours of Missing Data:	40
Minimum Daily Value:	-2.8	°C	on Oct 12	Hours of Calibration:	0
Monthly Average:	4.8	°C		Operational Uptime:	94.6

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
Oct 1	7.8	7.5	7.6	7.8	7.8	7.7	7.5	7.2	7.2	7.5	7.9	8.8	8.9	10.2	11	11	10.8	10.4	9.8	8.9	8.6	8	8	7.9	7.2	11.0	8.6
Oct 2	7.6	6.7	5.5	4.6	3.6	3.2	3.5	3.6	5	6.6	8.2	10.1	12.3	13.5	14.1	13.9	15	13.7	11.4	11.2	10.8	10.1	9	9	3.2	15.0	8.8
Oct 3	9.5	9.5	8.6	7.9	8	8	7.7	8.3	9.4	10	10.5	10.9	12.1	12.4	12.7	13.3	13.2	12.2	11.2	10.3	8.2	6.3	7.2	6.8	6.3	13.3	9.8
Oct 4	5.5	4.9	4.2	3.4	3.1	3.2	3.7	5.2	5.5	5.3	4.6	4.5	4.9	6.1	7.2	7.8	7.7	7.1	5.4	0.9	-0.6	-0.9	-0.1	0.2	-0.9	7.8	4.1
Oct 5	-0.5	0.1	0.6	0	-0.4	-0.7	-1.4	-1.3	0	1.9	4	5.8	7.3	8.9	10.1	10.9	10.5	10	9.4	8.7	8.1	7.9	7.7	7.7	-1.4	10.9	4.8
Oct 6	7	6.4	5.9	5.4	4.6	3.8	2.9	2.7	2.9	3.5	4.9	6.6	7.9	9.8	11.1	11.6	11.3	10.4	8.8	8.4	7.8	7.7	7.8	7.6	2.7	11.6	7.0
Oct 7	7.8	7.9	8	8.3	9.1	10.5	10.2	9.1	11.1	13.8	16.2	16.6	16.4	16.6	15.9	16	15.9	14.7	13.8	11.2	10.4	9.7	7.9	6.6	6.6	16.6	**11.8**
Oct 8	5.1	3.3	1.2	-0.2	-0.2	-0.8	-1.1	-0.8	2	4	6.3	8.6	10.2	11	10.1	9.4	8.6	8	5.9	3.9	2.7	1.9	0.7	0.2	-1.1	11.0	4.2
Oct 9	0.2	0.3	0.7	0.5	-0.9	-0.9	-0.8	-0.7	1.9	4.8	7.3	10	12.1	13.5	14.4	14.8	14.7	13.2	10.8	8.2	7.3	7.9	8	6.4	-0.9	14.8	6.4
Oct 10	6.5	7.1	5.7	5.1	4.4	3.5	3.6	4.4	7.2	10.4	13.2	15.5	18.2	20	21.3	**21.8**	21.6	18.8	13	13.1	12.8	10.7	8.4	9	3.5	**21.8**	11.5
Oct 11	8.7	7.9	7.3	6.7	5.8	6.1	6.1	5.4	4.6	3.3	2.8	3.1	3.2	2.3	1.8	1.1	0.9	1	0.6	0.7	0.6	0.4	0.2	0.1	0.1	8.7	3.4
Oct 12	-0.2	-0.5	-0.7	-1	-1.3	-1.8	-2.1	-2.7	-2.5	-2.1	-2.1	-2.6	-2.2	-1.2	-1.2	-1.3	-1.2	-1.5	-2.8	-5.3	-6.5	-7.5	**-8**	-7.7	**-8.0**	-0.2	**-2.8**
Oct 13	-7.3	**-8**	-6.9	-6.2	-6.5	-6.9	-7.9	-7.6	-4.8	-2.3	-0.1	1.3	2.4	3	3.8	3.7	3.7	2.5	1.1	1	1.3	1.3	1.3	0.6	**-8.0**	3.8	-1.6
Oct 14	0	-0.5	-0.5	-1.4	-2.2	-2.3	-1.8	-1.8	0.1	2.8	4.4	6.8	8.5	10.1	11.5	12.2	12.1	10.4	7.2	6.2	4.2	4	4.1	4.1	-2.3	12.2	4.1
Oct 15	5.1	5.4	5.4	5.4	5.5	5	4.3	4.7	5	6.1	9.1	11.7	13.3	15	15.8	16	15.5	13.1	10.2	9.1	7.9	6.9	4.5	2.8	2.8	16.0	8.5
Oct 16	1.7	1.1	1.9	1.5	1.2	2.2	2.6	3.1	3.7	5.4	P	P	P	P	P	P	11.7	11.2	10.5	9.5	9	8.8	7.9	7.7	1.1	11.7	5.6
Oct 17	6.6	5.2	4.8	4.8	4.6	4.2	3.2	2.9	3.8	5.3	P	P	P	9.9	10.8	11.2	10.5	9.7	8.3	8.5	7.6	6.7	6.2	5	2.9	11.2	6.7
Oct 18	5.3	4.2	3.6	2.5	2.4	2.1	1.4	0.8	1.9	3.8	5.7	7.4	8.2	9.2	9.5	9.4	8.9	6.1	2.3	2.9	2.7	4.1	5.1	5.7	0.8	9.5	4.8
Oct 19	6.4	6	5.4	4.9	4.3	3	1.4	0.4	0.3	0.3	0.4	0.8	0.8	0.7	0.7	0.6	0.4	0.4	0.4	0.9	1.1	0.9	0.6	0.5	0.3	6.4	1.7
Oct 20	0.7	0.7	0.7	0.7	0.8	0.7	0.3	0.1	0.1	0.1	0.6	2	4	5.7	6	7.5	7.4	6.3	6.9	6.5	6.3	6.7	6.6	6.2	0.1	7.5	3.5
Oct 21	5.9	4.8	4.8	4.5	3.9	3.3	2.8	3.5	4.5	5.9	7.5	9.3	10.6	11	11.5	12	11.8	9.7	7.7	6.4	5.4	4.5	4.4	3.5	2.8	12.0	6.6
Oct 22	1.3	0.7	0	0.4	0.2	-0.4	-1	-0.7	2	4.3	7.7	9.7	11.2	12.4	12.9	13.1	12.5	10.1	8.9	7.2	6.5	6.5	5.8	5.7	-1.0	13.1	5.7
Oct 23	6.7	8.2	8.2	7.2	6.8	4.3	3.4	3.2	4.9	8	P	P	P	P	P	14	12.6	10.5	9.6	11.4	12.3	11.8	11.4	11	3.2	14.0	8.7
Oct 24	9.5	9.2	8.1	7.1	7.4	4.8	3.7	3.6	4.2	6.8	10.9	12.2	13.4	13.9	15	15.1	12.9	10.9	10	9.9	9.5	8.7	7.1	5	3.6	15.1	9.1
Oct 25	4.9	6	6.9	6.3	5.2	4.2	3.8	2.6	2.5	3.3	5.3	6.1	7.9	8.3	8.5	8.9	8.4	6	2.5	0.7	1.7	0.7	0.2	-0.3	-0.3	8.9	4.6
Oct 26	-0.6	-0.2	0.2	1.1	1.7	1.6	1.5	1.7	2	2.8	3.8	3.7	4	4	2.6	2.3	2.2	2.1	1.1	0.5	0.3	0.2	0.1	0.1	-0.6	4.0	1.6
Oct 27	0	0	-0.1	-0.2	-0.5	-0.5	-0.7	-0.8	-0.7	-0.7	-0.6	-0.3	0	0.2	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.2	0	-0.8	0.5	-0.1
Oct 28	-0.2	-0.5	-0.9	-1.2	-1.5	-1.6	-1.7	-1.9	-2	-2.4	-1.1	-0.2	0.4	1.1	0.9	-0.1	-0.6	-2	-2.1	-2	-1.3	-0.8	-0.2	0.1	-2.4	1.1	-0.9
Oct 29	0	-0.7	-0.8	-0.9	-1	-1.4	-1.7	-1.9	-1.7	-1.4	-1	-0.7	-0.5	-0.3	-0.2	-0.2	-0.3	-0.5	-0.5	-1.3	-0.9	-0.5	0	0.1	-1.9	0.1	-0.8
Oct 30	0.1	0.1	0	-0.8	-2.3	-2.4	-1.2	-0.8	-0.6	-0.7	-0.6	-0.1	0.3	1.6	2.9	3.6	2.8	0.9	-0.6	-0.6	-0.5	-0.5	P	P	-2.4	3.6	0.0
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	9.5	9.5	8.6	8.3	9.1	10.5	10.2	9.1	11.1	13.8	16.2	16.6	18.2	20.0	21.3	21.8	21.6	18.8	13.8	13.1	12.8	11.8	11.4	11.0			
Diurnal Average	3.7	3.4	3.2	2.8	2.5	2.1	1.7	1.7	2.7	3.9	5.0	6.2	7.3	8.2	8.6	9.0	8.7	7.5	6.0	5.2	4.8	4.4	4.2	3.8			

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

986-C Station - October 2025

Summary of Hourly Averages

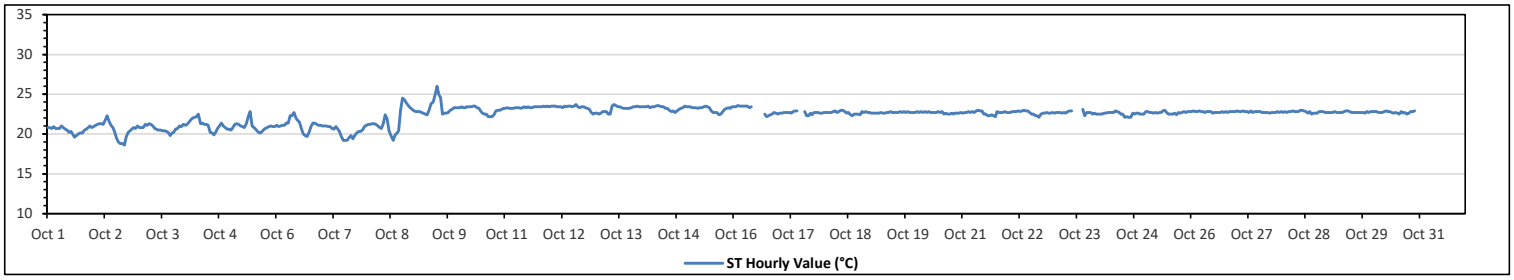
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	26.0	°C	on Oct 9 at hr 12	Hours in Service:	744
Maximum Daily Value:	23.3	°C	on Oct 11	Hours of Data:	704
Minimum Hourly Value:	18.6	°C	on Oct 2 at hr 16	Hours of Missing Data:	40
Minimum Daily Value:	20.3	°C	on Oct 7	Hours of Calibration:	0
Monthly Average:	22.3	°C		Operational Uptime:	94.6

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
Oct 1	20.8	20.8	20.7	20.9	20.7	20.7	20.7	21.0	20.8	20.6	20.5	20.2	20.3	20.0	19.6	19.8	20.0	20.1	20.1	20.5	20.6	20.8	21.0	20.8	19.6	21.0	20.5
Oct 2	20.9	21.1	21.2	21.3	21.3	21.2	21.7	22.3	21.6	21.1	20.8	20.3	19.5	19.0	18.8	18.8	**18.6**	19.7	20.2	20.4	20.6	20.8	20.7	21.0	**18.6**	22.3	20.5
Oct 3	20.8	20.8	20.8	21.2	21.1	21.3	21.2	21.0	20.7	20.6	20.5	20.5	20.4	20.4	20.3	20.2	19.8	20.1	20.2	20.6	20.7	21.0	20.9	21.2	19.8	21.3	20.7
Oct 4	21.1	21.2	21.5	21.8	22.0	22.1	22.2	22.5	21.3	21.4	21.2	21.2	21.1	20.2	20.1	19.9	20.2	20.7	21.0	21.4	21.0	20.8	20.6	20.6	19.9	22.5	21.1
Oct 5	20.5	20.8	21.2	21.3	21.2	21.0	20.9	20.8	21.3	22.2	22.8	21.0	20.8	20.6	20.3	20.1	20.2	20.5	20.7	20.8	20.9	21.0	20.9	20.9	20.1	22.8	20.9
Oct 6	21.1	20.9	21.0	21.1	21.1	21.4	21.4	22.3	22.3	22.7	22.0	21.7	21.5	20.7	20.0	19.8	19.7	20.2	20.9	21.4	21.4	21.2	21.1	21.1	19.7	22.7	21.2
Oct 7	21.0	21.0	21.0	20.9	20.9	20.7	20.6	20.9	20.6	20.3	19.7	19.2	19.2	19.2	19.5	19.8	19.4	19.9	20.1	20.3	20.3	20.5	20.9	21.1	19.2	21.1	**20.3**
Oct 8	21.2	21.2	21.3	21.3	21.2	21.0	20.8	20.7	21.3	22.4	21.9	20.4	19.8	19.2	19.9	20.1	20.4	23.0	24.5	24.3	23.9	23.6	23.3	23.1	19.2	24.5	21.7
Oct 9	22.9	22.8	22.8	22.8	22.7	22.6	22.5	22.4	23.0	23.8	24.0	24.9	**26.0**	24.9	24.6	22.5	22.6	22.6	22.7	23.0	23.1	23.3	23.3	23.3	22.4	**26.0**	23.3
Oct 10	23.3	23.4	23.3	23.3	23.4	23.4	23.4	23.5	23.5	23.3	23.2	22.9	22.6	22.5	22.5	22.2	22.2	22.2	22.4	22.9	23.0	23.0	23.1	23.2	22.2	23.5	23.0
Oct 11	23.2	23.3	23.2	23.2	23.2	23.3	23.3	23.3	23.2	23.3	23.4	23.3	23.4	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.5	23.4	23.5	23.4	23.2	23.5	**23.3**
Oct 12	23.5	23.5	23.5	23.4	23.4	23.4	23.3	23.5	23.4	23.5	23.5	23.4	23.5	23.7	23.4	23.3	23.4	23.4	23.3	23.2	23.1	22.7	22.5	22.6	22.5	23.7	23.3
Oct 13	22.6	22.5	22.6	22.8	22.8	22.8	22.5	22.5	23.5	23.7	23.6	23.4	23.4	23.3	23.2	23.2	23.2	23.2	23.3	23.4	23.4	23.5	23.4	23.4	22.5	23.7	23.1
Oct 14	23.4	23.4	23.4	23.5	23.3	23.4	23.4	23.5	23.6	23.5	23.4	23.4	23.2	23.2	23.0	22.8	22.9	22.7	22.9	23.1	23.2	23.3	23.5	23.4	22.7	23.6	23.3
Oct 15	23.4	23.4	23.3	23.3	23.3	23.2	23.3	23.3	23.4	23.5	23.4	23.3	22.9	22.7	22.7	22.7	22.4	22.5	22.8	23.1	23.2	23.3	23.2	23.4	22.4	23.5	23.1
Oct 16	23.4	23.4	23.6	23.5	23.5	23.5	23.5	23.5	23.3	23.4	P	P	P	P	P	P	22.5	22.2	22.3	22.4	22.5	22.7	22.6	22.5	22.2	23.6	23.0
Oct 17	22.6	22.6	22.7	22.7	22.7	22.7	22.6	22.8	22.9	22.9	P	P	P	22.8	22.3	22.3	22.6	22.4	22.7	22.7	22.7	22.6	22.6	22.7	22.3	22.9	22.6
Oct 18	22.7	22.7	22.7	22.7	22.8	22.9	22.7	22.8	23.0	23.0	22.8	22.6	22.7	22.4	22.3	22.5	22.5	22.5	22.4	22.8	22.7	22.8	22.7	22.7	22.3	23.0	22.7
Oct 19	22.6	22.6	22.6	22.6	22.6	22.7	22.6	22.6	22.7	22.7	22.8	22.7	22.7	22.7	22.7	22.8	22.7	22.8	22.7	22.8	22.7	22.7	22.7	22.7	22.6	22.8	22.7
Oct 20	22.8	22.7	22.8	22.7	22.8	22.7	22.8	22.7	22.7	22.7	22.7	22.8	22.7	22.8	22.5	22.6	22.5	22.5	22.6	22.5	22.6	22.6	22.6	22.7	22.5	22.8	22.7
Oct 21	22.6	22.7	22.7	22.8	22.7	22.8	22.7	22.9	23.0	22.9	22.9	22.5	22.5	22.3	22.3	22.4	22.3	22.2	22.8	22.7	22.7	22.7	22.8	22.7	22.2	23.0	22.7
Oct 22	22.7	22.7	22.8	22.8	22.8	22.9	22.8	22.9	23.0	22.9	22.9	22.7	22.5	22.5	22.3	22.3	22.1	22.5	22.6	22.6	22.7	22.6	22.6	22.7	22.1	23.0	22.7
Oct 23	22.6	22.7	22.7	22.7	22.6	22.7	22.6	22.8	22.9	22.9	P	P	P	P	P	23.1	22.3	22.7	22.7	22.7	22.5	22.6	22.5	22.5	22.3	23.1	22.7
Oct 24	22.5	22.5	22.6	22.6	22.7	22.7	22.7	22.7	22.9	22.8	22.7	22.5	22.5	22.1	22.2	22.1	22.1	22.6	22.5	22.6	22.6	22.5	22.5	22.5	22.1	22.9	22.5
Oct 25	22.8	22.8	22.7	22.7	22.6	22.7	22.6	22.7	22.7	22.9	23.0	22.7	22.5	22.5	22.5	22.6	22.4	22.7	22.6	22.7	22.8	22.7	22.8	22.8	22.4	23.0	22.7
Oct 26	22.8	22.9	22.8	22.8	22.9	22.8	22.8	22.7	22.8	22.8	22.8	22.6	22.7	22.7	22.7	22.7	22.8	22.7	22.8	22.7	22.8	22.8	22.8	22.8	22.6	22.9	22.8
Oct 27	22.9	22.8	22.8	22.9	22.8	22.8	22.7	22.9	22.7	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.6	22.7	22.7	22.7	22.8	22.7	22.8	22.6	22.9	22.8
Oct 28	22.7	22.8	22.7	22.8	22.8	22.9	22.8	22.8	22.8	23.0	23.0	22.9	22.8	22.6	22.8	22.5	22.6	22.6	22.6	22.8	22.8	22.8	22.7	22.7	22.5	23.0	22.8
Oct 29	22.7	22.7	22.7	22.8	22.7	22.7	22.7	22.7	22.8	22.9	22.9	22.8	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.6	22.8	22.7	22.8	22.8	22.6	22.9	22.7
Oct 30	22.8	22.8	22.7	22.7	22.7	22.8	22.9	22.8	22.8	22.7	22.6	22.7	22.6	22.5	22.8	22.6	22.7	22.5	22.6	22.8	22.8	22.9	P	P	22.5	22.9	22.7
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	23.5	23.5	23.6	23.5	23.5	23.5	23.5	23.5	23.6	23.8	24.0	24.9	26.0	24.9	24.6	23.4	23.4	23.4	24.5	24.3	23.9	23.6	23.5	23.4			
Diurnal Average	22.4	22.4	22.4	22.5	22.4	22.5	22.4	22.5	22.6	22.6	22.5	22.3	22.2	22.0	21.9	21.9	21.9	22.1	22.3	22.4	22.4	22.4	22.4	22.4			

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 - October 2025

Summary of Hourly Averages

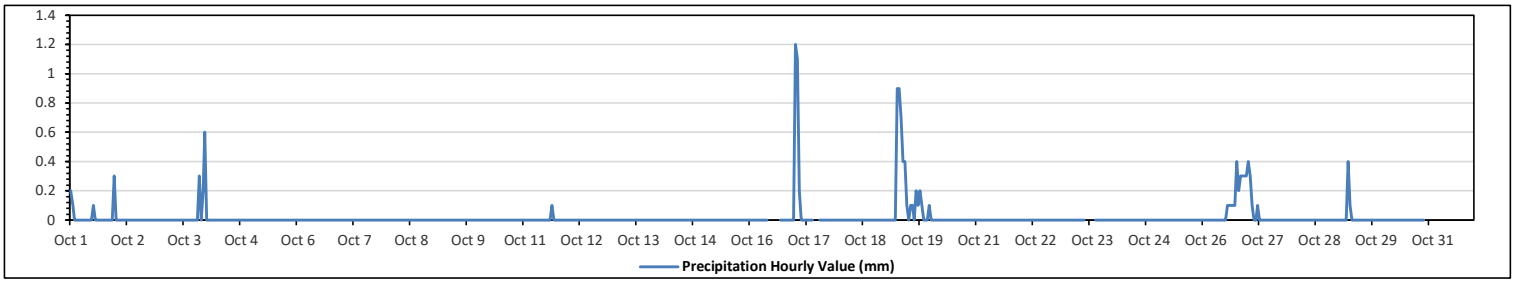
PRECIPITATION in mm

Maximum Hourly Value:	1.2	mm	on Oct 17 at hr 0	Hours in Service:	744	
Maximum Daily Value:	4.3	mm	on Oct 19	Hours of Data:	704	
Minimum Hourly Value:	0.0	mm	on Oct 1 at hr 2	Hours of Missing Data:	40	
Minimum Daily Value:	0.0	mm	on Oct 2	Hours of Calibration:	0	
Monthly Total:	12.4	mm		Operational Uptime:	94.6	

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			
Oct 1	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.3	0.0	0.3	0.7
Oct 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
Oct 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0.2	0.6	0.0	0.6	1.1
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 11	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
Oct 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	0.0
Oct 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
Oct 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
Oct 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
Oct 16	0	0	0	0	0	0	0	0	0	0	P	P	P	P	P	P	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 17	1.2	1.1	0.2	0	0	0	0	0	0	0	P	P	P	0	0	0	0	0	0	0	0	0	0	0	0.0	1.2	2.5
Oct 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
Oct 19	0	0	0	0	0	0	0.9	0.9	0.7	0.4	0.4	0.1	0	0.1	0.1	0	0.2	0.1	0.2	0.1	0	0	0	0.1	0.0	0.9	4.3
Oct 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
Oct 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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 23	0	0	0	0	0	0	0	0	0	0	P	P	P	P	P	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 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
Oct 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
Oct 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.3	0.3	0.3	0.3	0.0	0.4	2.3
Oct 27	0.4	0.3	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.4	0.9
Oct 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
Oct 29	0	0	0	0	0	0.4	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.4	0.5
Oct 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	P	0.0	0.0	0.0
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-
Diurnal Maximum	1.2	1.1	0.2	0.0	0.0	0.4	0.9	0.9	0.7	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.4	0.2	0.3	0.3	0.3	0.6			
Diurnal Average	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	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 - October 2025

Summary of Hourly Averages

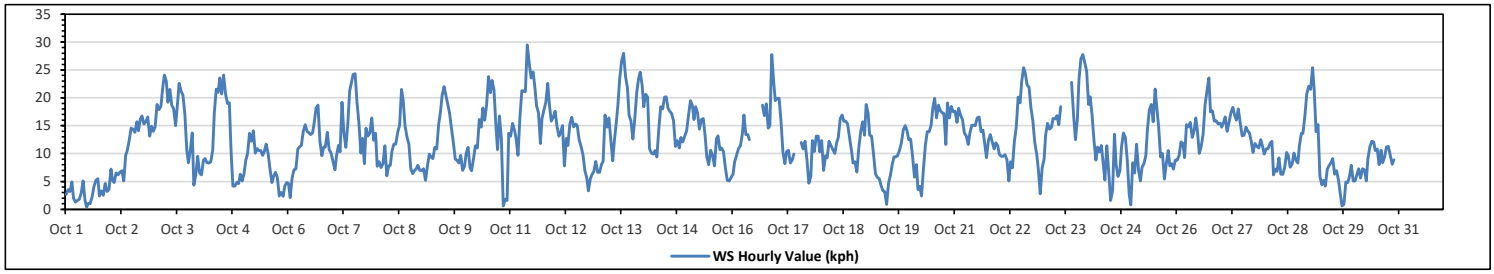
VECTOR WIND SPEED (VWS) in km/hr

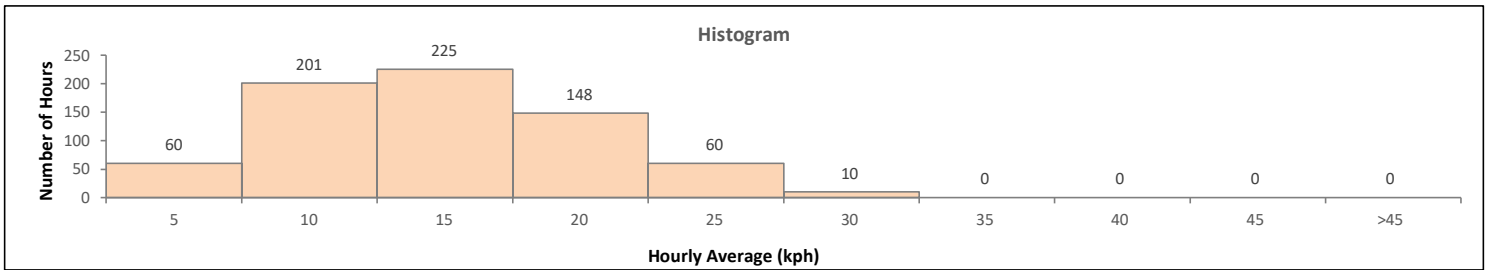
Maximum Hourly Value:	29.5	kph	on Oct 11 at hr 9	Hours in Service:	744	
Maximum Daily Value:	18.6	kph	on Oct 11	Hours of Data:	704	
Minimum Hourly Value:	0.4	kph	on Oct 1 at hr 11	Hours of Missing Data:	40	
Minimum Daily Value:	2.9	kph	on Oct 1	Hours of Calibration:	0	
Monthly Average:	5.5	kph		Operational Uptime:	94.6	

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
Oct 1	2.7	3.5	3.2	4.9	2.0	1.3	1.6	1.8	2.9	5.1	1.6	**0.4**	1.1	1.0	2.2	4.1	5.2	5.5	2.4	3.3	2.5	4.6	3.2	3.6	**0.4**	5.5	**2.9**
Oct 2	7.2	5.2	4.8	6.5	6.2	6.6	6.9	5.1	9.7	10.5	12.4	14.6	14.4	13.8	15.7	14.1	16.2	16.7	15.3	15.7	16.6	13.1	14.9	14.0	4.8	16.7	11.5
Oct 3	14.8	18.8	17.9	18.5	21.9	24.1	23.0	19.2	21.5	18.7	18.0	15.0	19.0	22.6	21.2	20.5	17.0	10.6	8.4	10.6	13.7	4.3	6.2	9.5	4.3	24.1	16.5
Oct 4	6.5	6.2	8.8	9.1	8.4	8.3	8.5	10.6	17.3	21.6	21.0	23.6	20.7	24.1	20.8	19.0	19.1	10.9	4.2	4.2	4.8	4.6	6.3	5.1	4.2	24.1	12.2
Oct 5	6.4	8.7	10.0	13.6	12.2	14.1	10.1	10.9	10.5	10.5	9.7	10.3	11.7	10.1	7.2	4.8	5.9	6.6	5.7	2.4	3.0	2.3	4.1	4.8	2.3	14.1	8.2
Oct 6	4.6	2.1	5.6	7.1	7.3	10.8	11.2	11.5	14.0	15.2	14.0	13.7	13.4	13.7	15.5	18.2	18.7	12.2	9.6	11.2	11.2	13.8	10.7	10.1	2.1	18.7	11.5
Oct 7	8.5	7.1	9.7	11.5	10.3	19.2	13.7	11.1	15.2	21.3	22.6	24.2	24.3	19.1	15.4	10.1	12.7	8.2	14.6	13.1	13.7	16.4	12.4	13.6	7.1	24.3	14.5
Oct 8	7.7	8.5	7.5	8.2	11.4	6.0	7.8	7.9	10.4	11.7	11.7	13.8	15.1	21.5	19.7	15.0	13.0	11.7	7.3	6.4	7.0	7.3	7.9	7.0	6.0	21.5	10.5
Oct 9	7.0	7.3	5.2	7.8	9.9	9.4	9.1	11.1	10.8	15.2	17.6	20.5	22.0	20.6	19.0	17.3	14.6	12.0	9.0	8.8	8.3	9.7	7.0	7.7	5.2	22.0	12.0
Oct 10	10.0	11.1	7.4	6.9	9.1	11.4	11.0	16.1	14.7	18.2	16.0	18.8	23.8	20.9	23.1	21.4	15.0	10.7	16.7	12.7	0.6	1.8	1.6	13.6	0.6	23.8	13.0
Oct 11	13.1	15.4	14.2	12.7	9.7	16.5	21.3	21.2	21.1	**29.5**	26.2	23.6	24.7	22.3	18.6	17.3	11.8	16.3	17.8	19.2	22.6	18.8	15.8	16.5	9.7	**29.5**	**18.6**
Oct 12	17.6	14.8	13.1	13.9	15.0	7.8	12.7	11.5	15.3	16.5	14.8	15.3	15.0	12.5	11.3	9.8	6.9	5.6	3.3	5.5	6.2	6.8	8.6	6.6	3.3	17.6	11.1
Oct 13	6.6	8.1	8.6	16.9	14.7	16.4	12.5	8.7	12.2	15.5	18.6	23.6	26.7	28.0	23.9	21.8	16.9	15.8	12.6	16.3	20.9	23.5	24.6	22.2	6.6	28.0	17.3
Oct 14	18.4	20.6	20.1	10.9	10.1	9.9	10.5	9.4	14.4	18.4	18.0	20.1	20.2	18.1	17.6	17.2	15.9	11.3	12.3	11.0	12.9	12.1	13.1	14.1	9.4	20.6	14.9
Oct 15	16.9	19.5	18.6	16.1	18.4	17.3	14.4	16.1	16.3	13.0	9.4	8.0	10.6	9.7	7.8	12.6	13.2	10.7	11.0	10.4	7.5	5.2	5.1	5.7	5.1	19.5	12.2
Oct 16	6.3	8.5	9.7	10.9	11.4	13.5	16.9	13.4	13.4	12.5	**P**	**P**	**P**	**P**	**P**	**P**	18.7	16.8	18.9	14.6	15.0	27.8	22.9	19.5	6.3	27.8	15.0
Oct 17	19.9	19.9	15.7	10.2	8.2	10.3	10.6	8.3	8.9	9.9	**P**	**P**	**P**	12.0	10.8	12.2	8.9	4.7	5.9	12.3	10.4	13.1	13.1	10.3	4.7	19.9	11.2
Oct 18	12.3	7.0	9.6	9.2	12.2	11.5	10.7	10.0	12.0	12.9	16.3	16.9	15.8	15.8	15.3	12.9	10.6	8.3	8.5	6.7	11.0	13.9	15.7	13.3	6.7	16.9	12.0
Oct 19	18.8	17.3	13.3	13.1	9.9	6.4	5.7	5.5	4.4	3.4	3.2	0.9	4.7	6.2	7.9	9.4	9.4	9.6	10.5	11.9	14.2	15.0	14.3	12.5	0.9	18.8	9.5
Oct 20	12.6	9.5	5.8	8.0	3.5	4.1	2.4	7.2	11.5	13.9	13.9	15.1	18.0	19.9	16.4	18.7	17.7	17.3	17.2	11.6	19.1	16.4	18.5	17.5	2.4	19.9	13.2
Oct 21	17.6	15.6	18.1	16.9	16.1	13.7	13.1	11.6	13.6	15.1	15.1	15.0	16.4	16.6	13.9	14.2	12.0	9.3	12.3	13.4	12.1	10.8	11.9	11.5	9.3	18.1	14.0
Oct 22	9.9	9.5	9.5	9.8	8.9	5.1	8.5	7.4	12.1	14.7	20.1	19.1	22.9	25.4	24.5	22.3	21.9	18.2	15.8	11.9	9.9	7.2	2.8	7.4	2.8	25.4	13.5
Oct 23	9.0	13.4	15.4	14.4	14.7	16.3	16.2	16.8	15.2	18.4	**P**	**P**	**P**	**P**	**P**	22.8	17.1	12.5	16.1	23.3	27.0	27.8	26.3	24.8	9.0	27.8	18.3
Oct 24	18.8	20.2	16.9	12.3	8.8	11.2	10.3	11.5	8.1	5.3	11.4	6.7	1.6	3.4	13.5	8.0	5.9	6.9	11.2	13.7	12.9	8.8	2.7	0.8	0.8	20.2	9.6
Oct 25	8.4	6.5	11.7	7.1	5.1	7.5	8.2	9.7	14.4	17.8	18.8	15.7	21.6	18.5	14.8	9.4	10.0	5.4	8.2	10.5	7.8	8.2	7.2	8.8	5.1	21.6	10.9
Oct 26	8.8	9.7	12.1	11.8	9.3	15.2	14.8	15.6	12.9	14.1	16.4	14.2	10.0	11.3	13.5	18.7	21.2	23.6	17.5	17.7	15.8	15.9	15.3	15.5	8.8	23.6	14.6
Oct 27	14.7	15.6	16.6	14.0	15.6	17.4	18.3	16.8	16.0	18.0	15.5	13.2	13.3	14.7	14.1	13.6	12.3	10.2	11.8	11.3	11.0	12.5	11.5	9.9	9.9	18.3	14.1
Oct 28	10.8	10.9	11.8	12.2	6.2	7.2	6.8	9.2	6.3	6.3	7.6	10.2	9.7	7.6	8.1	10.1	8.8	8.3	11.5	13.6	13.6	16.7	20.8	22.1	6.2	22.1	10.7
Oct 29	21.5	25.4	21.6	13.9	15.2	5.9	4.4	5.2	4.2	7.2	7.8	8.3	9.1	6.3	6.9	5.3	2.6	0.6	0.9	4.9	4.8	5.8	7.9	5.1	0.6	25.4	8.4
Oct 30	5.1	6.1	7.3	5.6	7.3	7.1	5.1	9.1	11.2	12.2	12.1	10.5	10.8	8.0	10.6	8.4	9.4	11.2	11.3	9.6	8.1	8.9	**P**	**P**	5.1	12.2	8.9
Oct 31	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	-	-	-
Diurnal Maximum	21.5	25.4	21.6	18.5	21.9	24.1	23.0	21.2	21.5	29.5	26.2	24.2	26.7	28.0	24.5	22.8	21.9	23.6	18.9	23.3	27.0	27.8	26.3	24.8			
Diurnal Average	11.4	11.7	11.7	11.1	10.6	11.1	10.9	11.0	12.4	14.1	14.4	14.5	15.4	15.1	14.6	14.1	13.0	10.9	10.9	11.3	11.5	11.8	11.5	11.5			

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.





Peace River Area Monitoring Program

986-C Station - October 2025

Summary of Hourly Averages

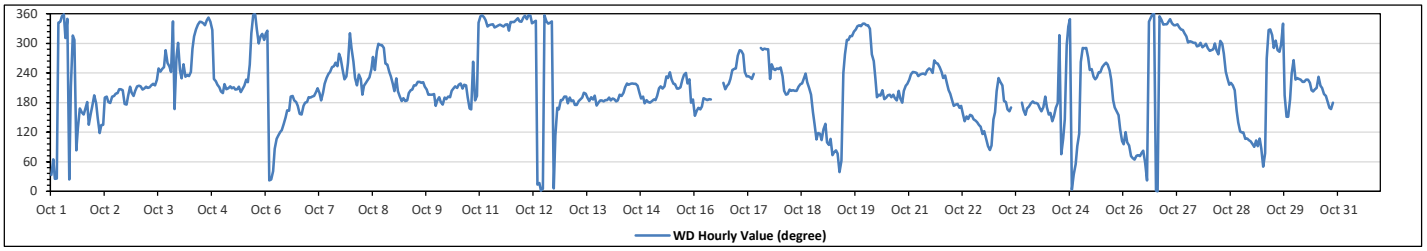
WIND DIRECTION (VWD) in sector

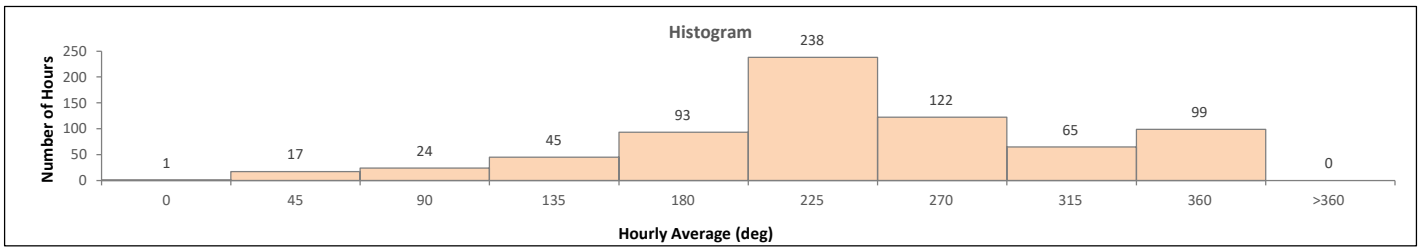
Monthly Average:	218 (SW)	degree	
Hours in Service:	744		
Hours of Data:	704		
Hours of Missing Data:	40		
Hours of Calibration:	0		
Operational Uptime:	94.6		

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
Oct 1	NNE	ENE	NNE	NNE	NNW	NNW	N	N	NW	N	NNE	SSW	NW	NW	E	SE	SSE	SSE	SSE	SSE	S	SE	SSE	S	100	E
Oct 2	SSW	S	SE	ESE	SE	SE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	S	SSW	190	S
Oct 3	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SW	WSW	WSW	WSW	WSW	WNW	WSW	WSW	WSW	NNW	SSE	W	WNW	231	SW
Oct 4	WSW	SW	WSW	SW	SW	SW	WSW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NW	SW	SW	SW	SSW	SSW	314	NW
Oct 5	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	NW	N	N	NNW	WNW	NW	NW	NW	223	SW
Oct 6	NW	NW	NNE	NNE	NE	E	ESE	ESE	ESE	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	S	S	S	153	SSE
Oct 7	S	S	S	S	SSW	SSW	SSW	S	SSW	SW	SW	SW	WSW	WSW	WSW	W	WSW	W	W	WSW	SW	SW	W	NW	232	SW
Oct 8	WNW	W	SW	SSW	SW	SW	SSW	SSW	SW	SW	SW	WSW	W	WSW	WNW	WNW	WNW	WNW	WNW	WSW	WSW	WSW	SW	SW	254	WSW
Oct 9	SSW	SW	SSW	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	S	206	SSW
Oct 10	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SSW	SW	SSW	S	SSE	SSE	W	S	S	NNW	202	SSW
Oct 11	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	N	NNW	NNW	341	NNW
Oct 12	N	N	NNW	N	N	NNW	NNW	NNW	NNE	NNE	N	N	N	NNW	NNW	NNW	NNW	N	ESE	SSE	SSE	S	S	S	355	N
Oct 13	S	S	S	S	S	S	S	S	S	S	SSW	SSW	S	S	S	S	SSW	S	S	S	S	S	S	S	186	S
Oct 14	S	S	S	S	S	S	SSW	S	SSW	SSW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	S	S	S	S	199	SSW
Oct 15	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	SW	SW	SW	SSW	SSW	SSW	SW	SW	WSW	SW	SW	S	S	211	SSW
Oct 16	SSE	SSE	SSE	SSE	S	S	S	S	S	S	P	P	P	P	P	P	SW	SSW	SSW	SW	SW	WSW	WSW	WSW	208	SSW
Oct 17	W	WNW	WNW	W	WSW	SW	SW	SW	SW	SW	P	P	P	WNW	WNW	WNW	WNW	WNW	SW	WSW	WSW	WSW	WSW	WSW	262	W
Oct 18	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	SW	SSW	SSW	SSE	SE	ESE	ESE	ESE	ESE	197	SSW
Oct 19	SE	SE	E	E	ESE	ENE	ENE	E	ENE	NE	ENE	WSW	W	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	15	NNE
Oct 20	NNW	NNW	NNW	W	W	SW	S	SSW	SSW	SSW	S	S	SSW	SSW	S	SSW	S	S	SSW	S	S	SSW	SSW	SW	203	SSW
Oct 21	SW	SW	WSW	WSW	WSW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW	SW	SSW	SSW	239	WSW
Oct 22	S	S	S	S	SSE	S	SSE	SE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	ESE	ESE	ESE	E	E	E	SE	142	SE
Oct 23	SSE	SSW	SW	SW	SSW	S	S	SSE	SSE	SSE	P	P	P	P	P	S	SSE	SSE	SSE	S	S	S	S	S	181	S
Oct 24	S	SSE	SSE	S	S	S	SSE	SSE	SE	SSE	SSE	S	NW	ENE	ESE	SE	WNW	NNW	NNW	N	NE	NE	E	ESE	148	SE
Oct 25	W	WNW	WNW	WNW	W	WSW	WSW	SW	SW	SW	WSW	WSW	WSW	WSW	W	WSW	WSW	SW	S	SSE	SSE	SSE	SE	E	238	SW
Oct 26	E	ESE	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	ENE	NNE	NNW	N	N	N	N	N	N	NNW	NNW	NNW	33	NNE
Oct 27	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	319	NW
Oct 28	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	W	WSW	SW	SW	SW	SSW	SSW	SSE	SE	ESE	ESE	ESE	ESE	ESE	ESE	E	178	S
Oct 29	E	E	ESE	E	ESE	E	NE	ENE	W	NW	NNW	NW	WNW	NW	WNW	W	WNW	NNW	SSW	SSE	SSE	S	WSW	W	86	E
Oct 30	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSE	SSE	S	P	P	207	SSW
Oct 31	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-

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)			

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 - October 2025

Summary of Hourly Averages

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

WIND SPEED

Maximum Hourly Value:	29.5	kph	on Oct 11 at hr 9	Hours in Service:	744
Maximum Daily Value:	18.6	kph	on Oct 11	Hours of Data:	704
Minimum Hourly Value:	0.4	kph	on Oct 1 at hr 11	Hours of Missing Data:	40
Minimum Daily Value:	2.9	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	5.5	kph		Operational Uptime:	94.6

WIND DIRECTION

Monthly Average: 218 degree (SW)

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			
Oct 1	2.7	3.5	3.2	4.9	2.0	1.3	1.6	1.8	2.9	5.1	1.6	**0.4**	1.1	1.0	2.2	4.1	5.2	5.5	2.4	3.3	2.5	4.6	3.2	3.6	**0.4**	5.5	**2.9**
	NNE	ENE	NNE	NNE	NNW	NNW	N	N	NW	N	NNE	SSW	NW	NW	E	SE	SSE	SSE	SSE	SSE	S	SE	SSE	S			100(E)
Oct 2	7.2	5.2	4.8	6.5	6.2	6.6	6.9	5.1	9.7	10.5	12.4	14.6	14.4	13.8	15.7	14.1	16.2	16.7	15.3	15.7	16.6	13.1	14.9	14.0	4.8	16.7	11.5
	SSW	S	SE	ESE	SE	SE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	S	SSW			190(S)
Oct 3	14.8	18.8	17.9	18.5	21.9	24.1	23.0	19.2	21.5	18.7	18.0	15.0	19.0	22.6	21.2	20.5	17.0	10.6	8.4	10.6	13.7	4.3	6.2	9.5	4.3	24.1	16.5
	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SW	WSW	WSW	WSW	WSW	WNW	WSW	WSW	WSW	NNW	SSE	W	WNW			231(SW)
Oct 4	6.5	6.2	8.8	9.1	8.4	8.3	8.5	10.6	17.3	21.6	21.0	23.6	20.7	24.1	20.8	19.0	19.1	10.9	4.2	4.2	4.8	4.6	6.3	5.1	4.2	24.1	12.2
	WSW	SW	WSW	SW	SW	SW	WSW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NW	SW	SW	SW	SSW	SSW			314(NW)
Oct 5	6.4	8.7	10.0	13.6	12.2	14.1	10.1	10.9	10.5	10.5	9.7	10.3	11.7	10.1	7.2	4.8	5.9	6.6	5.7	2.4	3.0	2.3	4.1	4.8	2.3	14.1	8.2
	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	NW	N	N	NNW	WNW	NW	NW	NW			223(SW)
Oct 6	4.6	2.1	5.6	7.1	7.3	10.8	11.2	11.5	14.0	15.2	14.0	13.7	13.4	13.7	15.5	18.2	18.7	12.2	9.6	11.2	11.2	13.8	10.7	10.1	2.1	18.7	11.5
	NW	NW	NNE	NNE	NE	E	ESE	ESE	ESE	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	S	S	S			153(SSE)
Oct 7	8.5	7.1	9.7	11.5	10.3	19.2	13.7	11.1	15.2	21.3	22.6	24.2	24.3	19.1	15.4	10.1	12.7	8.2	14.6	13.1	13.7	16.4	12.4	13.6	7.1	24.3	14.5
	S	S	S	S	SSW	SSW	SSW	S	SSW	SW	SW	SW	WSW	WSW	WSW	W	WSW	W	W	WSW	SW	SW	W	NW			232(SW)
Oct 8	7.7	8.5	7.5	8.2	11.4	6.0	7.8	7.9	10.4	11.7	11.7	13.8	15.1	21.5	19.7	15.0	13.0	11.7	7.3	6.4	7.0	7.3	7.9	7.0	6.0	21.5	10.5
	WNW	W	SW	SSW	SW	SW	SSW	SSW	SW	SW	SW	WSW	W	WSW	WNW	WNW	WNW	WNW	WNW	WSW	WSW	WSW	SW	SW			254(WSW)
Oct 9	7.0	7.3	5.2	7.8	9.9	9.4	9.1	11.1	10.8	15.2	17.6	20.5	22.0	20.6	19.0	17.3	14.6	12.0	9.0	8.8	8.3	9.7	7.0	7.7	5.2	22.0	12.0
	SSW	SW	SSW	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	S			206(SSW)
Oct 10	10.0	11.1	7.4	6.9	9.1	11.4	11.0	16.1	14.7	18.2	16.0	18.8	23.8	20.9	23.1	21.4	15.0	10.7	16.7	12.7	0.6	1.8	1.6	13.6	0.6	23.8	13.0
	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SSW	SW	SSW	SSW	S	SSE	SSE	W	S	S	NNW			202(SSW)
Oct 11	13.1	15.4	14.2	12.7	9.7	16.5	21.3	21.2	21.1	**29.5**	26.2	23.6	24.7	22.3	18.6	17.3	11.8	16.3	17.8	19.2	22.6	18.8	15.8	16.5	9.7	**29.5**	**18.6**
	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	N	NNW	NNW			341(NNW)
Oct 12	17.6	14.8	13.1	13.9	15.0	7.8	12.7	11.5	15.3	16.5	14.8	15.3	15.0	12.5	11.3	9.8	6.9	5.6	3.3	5.5	6.2	6.8	8.6	6.6	3.3	17.6	11.1
	N	N	NNW	N	N	NNW	NNW	NNW	NNE	NNE	N	N	N	NNW	NNW	NNW	NNW	N	ESE	SSE	SSE	S	S	S			355(N)
Oct 13	6.6	8.1	8.6	16.9	14.7	16.4	12.5	8.7	12.2	15.5	18.6	23.6	26.7	28.0	23.9	21.8	16.9	15.8	12.6	16.3	20.9	23.5	24.6	22.2	6.6	28.0	17.3
	S	S	S	S	S	S	S	S	S	S	SSW	SSW	S	S	S	S	SSW	S	S	S	S	S	S	S			186(S)
Oct 14	18.4	20.6	20.1	10.9	10.1	9.9	10.5	9.4	14.4	18.4	18.0	20.1	20.2	18.1	17.6	17.2	15.9	11.3	12.3	11.0	12.9	12.1	13.1	14.1	9.4	20.6	14.9
	S	S	S	S	S	S	SSW	S	SSW	SSW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	S	S	S	S			199(SSW)
Oct 15	16.9	19.5	18.6	16.1	18.4	17.3	14.4	16.1	16.3	13.0	9.4	8.0	10.6	9.7	7.8	12.6	13.2	10.7	11.0	10.4	7.5	5.2	5.1	5.7	5.1	19.5	12.2
	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	SW	SW	SW	SSW	SSW	SSW	SW	SW	WSW	SW	SW	S	S			211(SSW)
Oct 16	6.3	8.5	9.7	10.9	11.4	13.5	16.9	13.4	13.4	12.5	**P**	**P**	**P**	**P**	**P**	**P**	18.7	16.8	18.9	14.6	15.0	27.8	22.9	19.5	6.3	27.8	15.0
	SSE	SSE	SSE	SSE	S	S	S	S	S	S	**P**	**P**	**P**	**P**	**P**	**P**	SW	SSW	SSW	SW	SW	WSW	WSW	WSW			208(SSW)
Oct 17	19.9	19.9	15.7	10.2	8.2	10.3	10.6	8.3	8.9	9.9	**P**	**P**	**P**	12.0	10.8	12.2	8.9	4.7	5.9	12.3	10.4	13.1	13.1	10.3	4.7	19.9	11.2
	W	WNW	WNW	W	WSW	SW	SW	SW	SW	SW	**P**	**P**	**P**	WNW	WNW	WNW	WNW	WNW	SW	WSW	WSW	WSW	WSW	WSW			262(W)
Oct 18	12.3	7.0	9.6	9.2	12.2	11.5	10.7	10.0	12.0	12.9	16.3	16.9	15.8	15.8	15.3	12.9	10.6	8.3	8.5	6.7	11.0	13.9	15.7	13.3	6.7	16.9	12.0
	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	SW	SSW	SSW	SSE	SE	ESE	ESE	ESE	ESE			197(SSW)
Oct 19	18.8	17.3	13.3	13.1	9.9	6.4	5.7	5.5	4.4	3.4	3.2	0.9	4.7	6.2	7.9	9.4	9.4	9.6	10.5	11.9	14.2	15.0	14.3	12.5	0.9	18.8	9.5
	SE	SE	E	E	ESE	ENE	ENE	E	ENE	NE	ENE	WSW	W	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW			15(NNE)
Oct 20	12.6	9.5	5.8	8.0	3.5	4.1	2.4	7.2	11.5	13.9	13.9	15.1	18.0	19.9	16.4	18.7	17.7	17.3	17.2	11.6	19.1	16.4	18.5	17.5	2.4	19.9	13.2
	NNW	NNW	NNW	W	W	SW	S	SSW	SSW	SSW	S	S	SSW	SSW	S	SSW	S	S	SSW	S	S	SSW	SSW	SW			203(SSW)
Oct 21	17.6	15.6	18.1	16.9	16.1	13.7	13.1	11.6	13.6	15.1	15.1	15.0	16.4	16.6	13.9	14.2	12.0	9.3	12.3	13.4	12.1	10.8	11.9	11.5	9.3	18.1	14.0
	SW	SW	WSW	WSW	WSW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW	SW	SSW	SSW			239(WSW)
Oct 22	9.9	9.5	9.5	9.8	8.9	5.1	8.5	7.4	12.1	14.7	20.1	19.1	22.9	25.4	24.5	22.3	21.9	18.2	15.8	11.9	9.9	7.2	2.8	7.4	2.8	25.4	13.5
	S	S	S	S	SSE	S	SSE	SE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	ESE	ESE	ESE	E	E	E	SE			142(SE)
Oct 23	9.0	13.4	15.4	14.4	14.7	16.3	16.2	16.8	15.2	18.4	**P**	**P**	**P**	**P**	**P**	22.8	17.1	12.5	16.1	23.3	27.0	27.8	26.3	24.8	9.0	27.8	18.3
	SSE	SSW	SW	SW	SSW	S	S	SSE	SSE	SSE	**P**	**P**	**P**	**P**	**P**	S	SSE	SSE	SSE	S	S	S	S	S			181(S)
Oct 24	18.8	20.2	16.9	12.3	8.8	11.2	10.3	11.5	8.1	5.3	11.4	6.7	1.6	3.4	13.5	8.0	5.9	6.9	11.2	13.7	12.9	8.8	2.7	0.8	0.8	20.2	9.6
	S	SSE	SSE	S	S	S	SSE	SSE	SE	SSE	SSE	S	NW	ENE	ESE	SE	WNW	NNW	NNW	N	NE	NE	E	ESE			148(SE)
Oct 25	8.4	6.5	11.7	7.1	5.1	7.5	8.2	9.7	14.4	17.8	18.8	15.7	21.6	18.5	14.8	9.4	10.0	5.4	8.2	10.5	7.8	8.2	7.2	8.8	5.1	21.6	10.9
	W	WNW	WNW	WNW	W	WSW	WSW	SW	SW	SW	WSW	WSW	WSW	WSW	W	WSW	WSW	SW	S	SSE	SSE	SSE	SE	E			238(SW)
Oct 26	8.8	9.7	12.1	11.8	9.3	15.2	14.8	15.6	12.9	14.1	16.4	14.2	10.0	11.3	13.5	18.7	21.2	23.6	17.5	17.7	15.8	15.9	15.3	15.5	8.8	23.6	14.6
	E	ESE	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	ENE	NNE	NNW	N	N	N	N	N	N	NNW	NNW	NNW			33(NNE)
Oct 27	14.7	15.6	16.6	14.0	15.6	17.4	18.3	16.8	16.0	18.0	15.5	13.2	13.3	14.7	14.1	13.6	12.3	10.2	11.8	11.3	11.0	12.5	11.5	9.9	9.9	18.3	14.1
	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW			319(NW)
Oct 28	10.8	10.9	11.8	12.2	6.2	7.2	6.8	9.2	6.3	6.3	7.6	10.2	9.7	7.6	8.1	10.1	8.8	8.3	11.5	13.6	13.6	16.7	20.8	22.1	6.2	22.1	10.7
	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	W	WSW	SW	SW	SW	SSW	SSW	SSE	SE	ESE	ESE	ESE	ESE	ESE	ESE	E			178(S)
Oct 29	21.5	25.4	21.6	13.9	15.2	5.9	4.4	5.2	4.2	7.2	7.8	8.3	9.1	6.3	6.9	5.3	2.6	0.6	0.9	4.9	4.8	5.8	7.9	5.1	0.6	25.4	8.4
	E	E	ESE	E	ESE	E	NE	ENE	W	NW	NNW	NW	WNW	NW	WNW	W	WNW	NNW	SSW	SSE	SSE	S	WSW	W			86(E)
Oct 30	5.1	6.1	7.3	5.6	7.3	7.1	5.1	9.1	11.2	12.2	12.1	10.5	10.8	8.0	10.6	8.4	9.4	11.2	11.3	9.6	8.1	8.9	**P**	**P**	5.1	12.2	8.9
	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSE	SSE	S	**P**	**P**			207(SSW)
Oct 31	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	-	-	-
	P	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**			-(-)

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)			

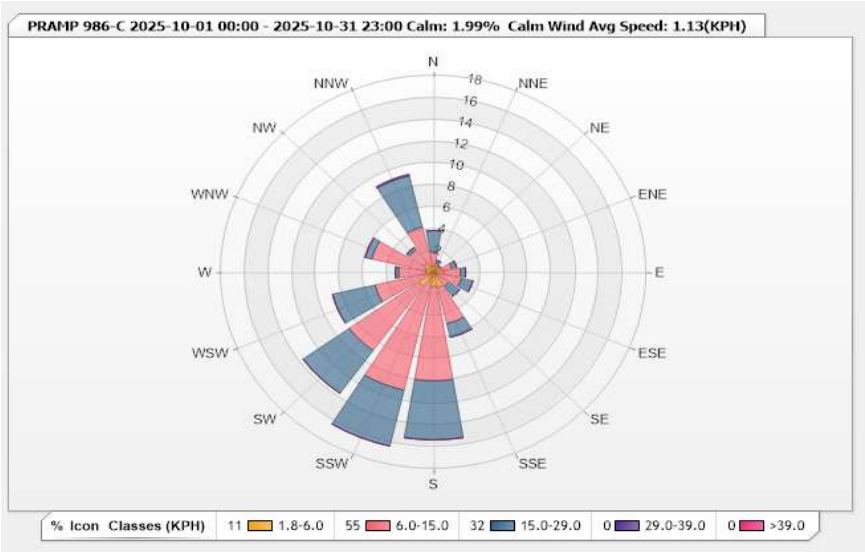
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

Station: PRAMP 986-C Monitor: WDS [KPH] Monthly: 10-2025

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

Calm (WS<1.8kph): 1.99% Valid Data: 94.62%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	0.57	1.28	1.99	0	0	3.84
NNE	0.57	0.28	0.28	0	0	1.13
NE	0.28	0.43	0	0	0	0.71
ENE	0.71	0.85	0.43	0	0	1.99
E	0.85	1.42	0.43	0	0	2.7
ESE	0.14	2.27	0.99	0	0	3.4
SE	0.28	1.28	1.14	0	0	2.7
SSE	1.42	3.41	1.28	0	0	6.11
S	1.28	8.66	5.4	0	0	15.34
SSW	0.43	10.65	5.26	0	0	16.34
SW	1.56	7.24	4.83	0	0	13.63
WSW	0.14	4.97	3.69	0	0	8.8
W	0.71	2.27	0.28	0	0	3.26
WNW	0.71	4.69	0.57	0	0	5.97
NW	0.99	1.56	0.28	0	0	2.83
NNW	0.57	3.69	4.83	0.14	0	9.23
Summary	11.21	54.95	31.68	0.14	0	97.98



842-B STATION

Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO_2) in ppb

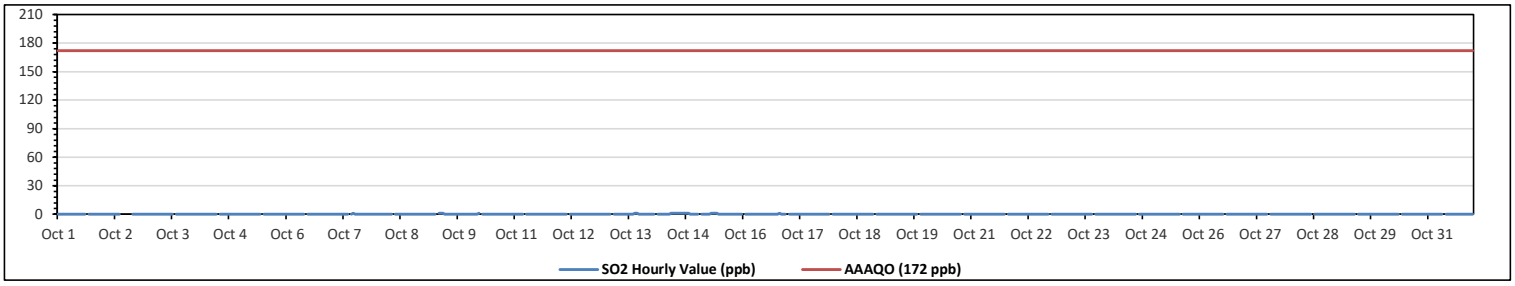
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb

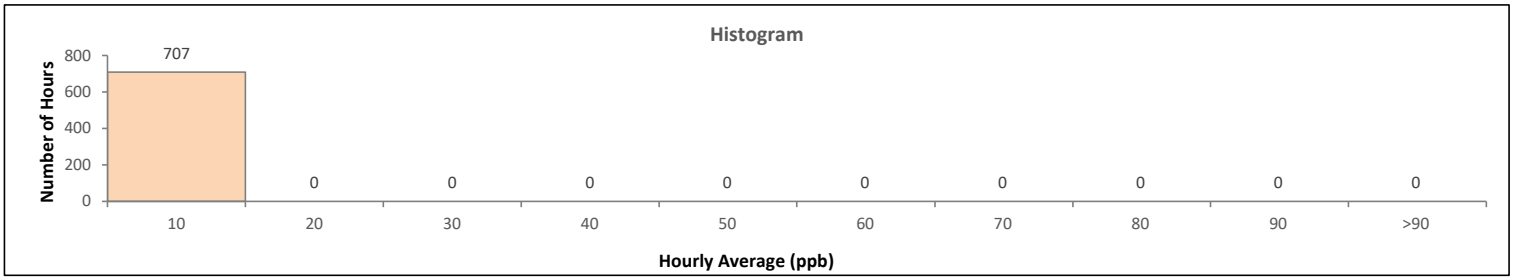
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0	30-Day Exceedence:	0	
Maximum Hourly Value:	1 ppb	on Oct 7 at hr 11		Hours in Service:	744	
Maximum Daily Value:	0.4 ppb	on Oct 14		Hours of Data:	707	
Minimum Hourly Value:	0 ppb	on Oct 1 at hr 0		Hours of Missing Data:	1	
Minimum Daily Value:	0.0 ppb	on Oct 1		Hours of Calibration:	36	
Monthly Average:	0.0 ppb			Operational Uptime:	99.9	

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			
Oct 1	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
Oct 2	0	0	0	0	0	0	0	0	0	K	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0.0
Oct 3	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
Oct 4	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
Oct 5	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
Oct 6	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
Oct 7	0	0	0	0	0	0	0	0	0	S	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 8	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
Oct 9	0	0	0	0	0	0	0	S	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 10	0	0	0	0	0	1	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	0	0	S	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0.4
Oct 15	0	S	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Oct 16	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	S	0	1	0.0
Oct 17	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
Oct 18	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
Oct 19	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
Oct 20	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
Oct 21	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
Oct 22	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
Oct 23	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
Oct 24	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
Oct 25	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
Oct 26	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
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	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
Oct 31	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
Diurnal Maximum	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	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.



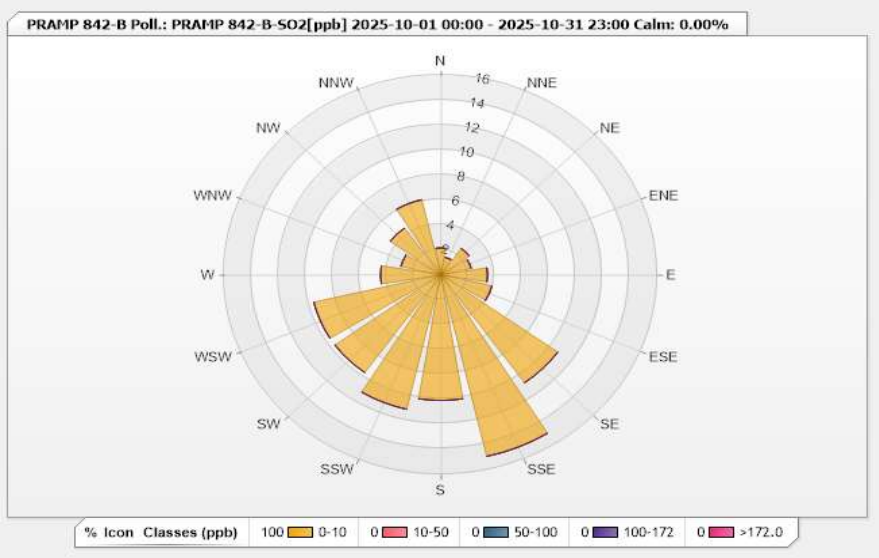


Station: PRAMP 842-B Poll.: PRAMP 842-B-SO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 93.55% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	2.16	0	0	0	0	2.16
NNE	1.44	0	0	0	0	1.44
NE	2.59	0	0	0	0	2.59
ENE	2.3	0	0	0	0	2.3
E	3.45	0	0	0	0	3.45
ESE	3.88	0	0	0	0	3.88
SE	10.63	0	0	0	0	10.63
SSE	14.94	0	0	0	0	14.94
S	10.06	0	0	0	0	10.06
SSW	11.06	0	0	0	0	11.06
SW	9.63	0	0	0	0	9.63
WSW	9.63	0	0	0	0	9.63
W	4.45	0	0	0	0	4.45
WNW	3.02	0	0	0	0	3.02
NW	4.6	0	0	0	0	4.6
NNW	6.18	0	0	0	0	6.18
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

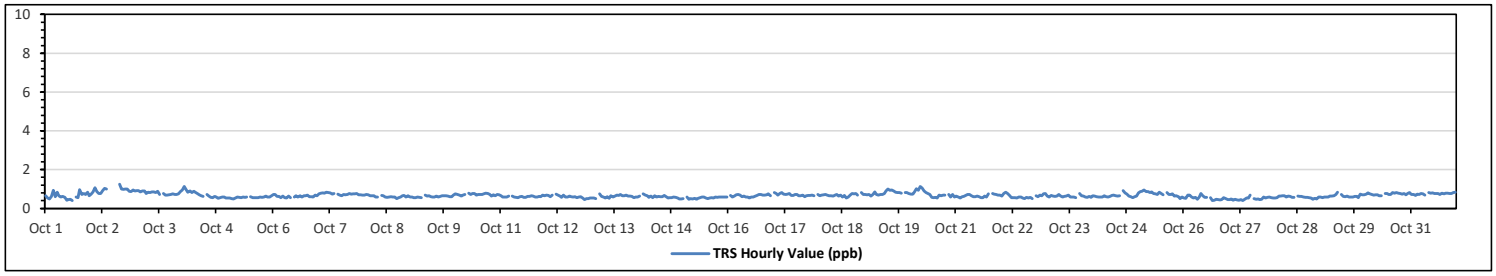
TOTAL REDUCED SULPHUR (TRS) in ppb

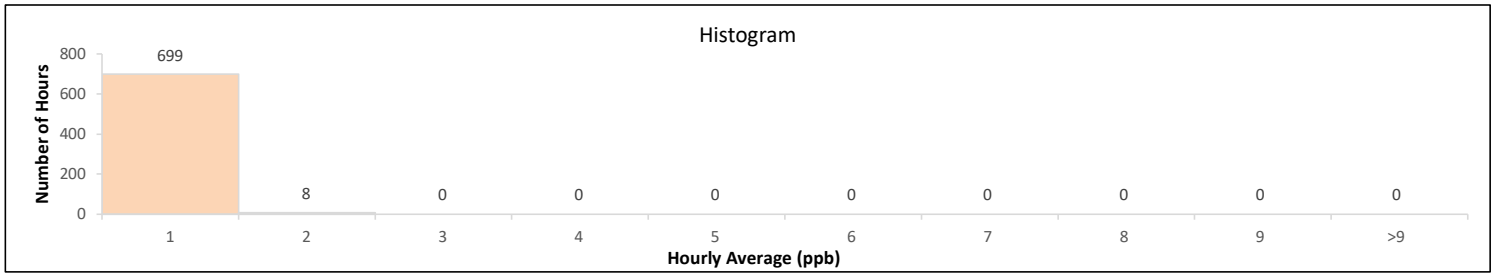
Maximum Hourly Value:	1.25	ppb	on Oct 2 at hr 15	Hours in Service:	744	
Maximum Daily Value:	0.94	ppb	on Oct 2	Hours of Data:	707	
Minimum Hourly Value:	0.40	ppb	on Oct 1 at hr 14	Hours of Missing Data:	1	
Minimum Daily Value:	0.50	ppb	on Oct 27	Hours of Calibration:	36	
Monthly Average:	0.66	ppb		Operational Uptime:	99.9	

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			
Oct 1	0.65	0.53	0.49	0.62	0.93	0.61	0.83	0.66	0.60	0.62	0.57	0.43	0.46	0.48	0.40	S	0.58	0.56	0.97	0.73	0.76	0.73	0.84	0.66	0.40	0.97	0.64
Oct 2	0.74	0.86	1.07	0.87	0.77	0.78	0.92	1.03	1.00	K	C	C	C	C	C	**1.25**	1.00	0.98	0.99	0.99	0.88	0.87	0.96	0.90	0.74	**1.25**	**0.94**
Oct 3	0.92	0.92	0.85	0.90	0.90	0.77	0.84	0.82	0.86	0.86	0.82	0.88	0.71	S	0.76	0.69	0.68	0.70	0.71	0.75	0.72	0.72	0.75	0.87	0.68	0.92	0.80
Oct 4	0.94	1.14	0.97	0.84	0.90	0.81	0.88	0.82	0.76	0.70	0.65	0.62	S	0.73	0.63	0.57	0.56	0.62	0.59	0.52	0.55	0.58	0.59	0.53	0.52	1.14	0.72
Oct 5	0.54	0.54	0.51	0.49	0.54	0.60	0.57	0.56	0.58	0.57	0.60	S	0.61	0.56	0.56	0.56	0.56	0.58	0.57	0.60	0.64	0.58	0.58	0.65	0.49	0.65	0.57
Oct 6	0.71	0.72	0.62	0.62	0.55	0.63	0.56	0.54	0.63	0.55	S	0.58	0.66	0.59	0.65	0.59	0.65	0.65	0.68	0.61	0.61	0.59	0.68	0.66	0.54	0.72	0.62
Oct 7	0.75	0.79	0.80	0.79	0.84	0.82	0.80	0.74	0.76	S	0.74	0.68	0.65	0.71	0.70	0.72	0.77	0.74	0.75	0.75	0.78	0.70	0.70	0.69	0.65	0.84	0.75
Oct 8	0.69	0.71	0.70	0.66	0.65	0.65	0.59	0.58	S	0.67	0.65	0.58	0.57	0.60	0.61	0.58	0.59	0.51	0.55	0.58	0.66	0.67	0.60	0.66	0.51	0.71	0.62
Oct 9	0.59	0.58	0.56	0.55	0.59	0.57	0.55	S	0.68	0.64	0.66	0.61	0.60	0.60	0.63	0.58	0.62	0.65	0.65	0.66	0.64	0.61	0.61	0.69	0.55	0.69	0.61
Oct 10	0.75	0.72	0.68	0.64	0.69	0.71	S	0.79	0.73	0.77	0.77	0.69	0.71	0.71	0.73	0.75	0.79	0.77	0.72	0.63	0.70	0.66	0.72	0.70	0.63	0.79	0.72
Oct 11	0.65	0.59	0.60	0.60	0.64	S	0.63	0.58	0.57	0.56	0.61	0.62	0.57	0.57	0.62	0.62	0.65	0.63	0.60	0.58	0.62	0.61	0.68	0.66	0.56	0.68	0.61
Oct 12	0.69	0.67	0.61	0.69	S	0.74	0.68	0.64	0.57	0.69	0.59	0.60	0.64	0.61	0.60	0.61	0.55	0.60	0.61	0.54	0.46	0.50	0.51	0.53	0.46	0.74	0.61
Oct 13	0.53	0.54	0.51	S	0.75	0.62	0.58	0.54	0.61	0.52	0.65	0.58	0.63	0.69	0.67	0.73	0.65	0.65	0.68	0.64	0.63	0.62	0.55	0.60	0.51	0.75	0.62
Oct 14	0.59	0.63	S	0.75	0.68	0.65	0.57	0.63	0.55	0.65	0.60	0.62	0.61	0.61	0.67	0.61	0.54	0.56	0.55	0.58	0.57	0.54	0.49	0.49	0.49	0.75	0.60
Oct 15	0.50	S	0.58	0.47	0.51	0.49	0.52	0.48	0.52	0.55	0.58	0.58	0.53	0.50	0.54	0.55	0.53	0.59	0.57	0.59	0.58	0.58	0.59	0.60	0.47	0.60	0.54
Oct 16	S	0.67	0.60	0.63	0.70	0.72	0.68	0.61	0.63	0.58	0.59	0.54	0.58	0.59	0.64	0.67	0.73	0.73	0.68	0.69	0.70	0.75	0.66	S	0.54	0.75	0.65
Oct 17	0.81	0.77	0.68	0.76	0.82	0.74	0.71	0.74	0.77	0.67	0.67	0.73	0.71	0.66	0.65	0.68	0.61	0.66	0.67	0.67	0.69	0.65	S	0.73	0.61	0.82	0.71
Oct 18	0.65	0.68	0.70	0.73	0.69	0.66	0.65	0.63	0.69	0.71	0.63	0.68	0.60	0.67	0.54	0.58	0.68	0.78	0.75	0.76	0.68	S	0.82	0.72	0.54	0.82	0.68
Oct 19	0.72	0.70	0.71	0.63	0.71	0.85	0.71	0.68	0.73	0.72	0.76	0.90	1.01	0.93	0.94	0.89	0.83	0.82	0.82	0.79	S	0.82	0.81	0.77	0.63	1.01	0.79
Oct 20	0.74	0.74	0.85	1.02	0.93	1.12	1.05	0.89	0.81	0.76	0.71	0.57	0.56	0.57	0.53	0.68	0.66	0.69	0.68	S	0.71	0.58	0.72	0.60	0.53	1.12	0.75
Oct 21	0.64	0.60	0.53	0.61	0.62	0.67	0.71	0.72	0.66	0.61	0.61	0.63	0.61	0.56	0.56	0.63	0.58	0.75	S	0.78	0.74	0.72	0.69	0.69	0.53	0.78	0.65
Oct 22	0.64	0.77	0.83	0.77	0.67	0.55	0.55	0.55	0.54	0.58	0.58	0.53	0.50	0.57	0.54	0.57	0.51	S	0.65	0.61	0.69	0.65	0.75	0.76	0.50	0.83	0.62
Oct 23	0.63	0.60	0.67	0.63	0.62	0.63	0.73	0.63	0.59	0.62	0.64	0.68	0.58	0.58	0.60	0.56	S	0.78	0.65	0.63	0.60	0.57	0.62	0.57	0.56	0.78	0.63
Oct 24	0.65	0.63	0.61	0.59	0.60	0.59	0.66	0.61	0.60	0.62	0.67	0.69	0.66	0.64	0.66	S	0.92	0.80	0.74	0.64	0.61	0.56	0.61	0.63	0.56	0.92	0.65
Oct 25	0.80	0.87	0.88	0.95	0.87	0.87	0.82	0.85	0.77	0.75	0.73	0.83	0.76	0.70	S	0.81	0.73	0.73	0.75	0.63	0.65	0.61	0.51	0.59	0.51	0.95	0.76
Oct 26	0.54	0.52	0.69	0.68	0.58	0.53	0.57	0.47	0.58	0.78	0.65	0.57	0.57	S	0.55	0.42	0.43	0.48	0.45	0.44	0.46	0.55	0.50	0.46	0.42	0.78	0.54
Oct 27	0.46	0.49	0.43	0.48	0.44	0.43	0.45	0.41	0.48	0.53	0.53	0.69	S	0.50	0.48	0.49	0.46	0.48	0.58	0.54	0.57	0.59	0.55	0.53	0.41	0.69	0.50
Oct 28	0.54	0.55	0.64	0.63	0.65	0.65	0.59	0.63	0.62	0.57	0.57	S	0.64	0.62	0.62	0.59	0.57	0.57	0.56	0.54	0.47	0.52	0.49	0.60	0.47	0.65	0.58
Oct 29	0.60	0.55	0.59	0.59	0.60	0.64	0.64	0.65	0.73	0.84	S	0.71	0.62	0.61	0.64	0.60	0.59	0.59	0.62	0.62	0.56	0.74	0.70	0.70	0.55	0.84	0.64
Oct 30	0.74	0.80	0.75	0.73	0.68	0.70	0.70	0.66	0.66	S	0.78	0.76	0.73	0.73	0.82	0.79	0.81	0.79	0.77	0.74	0.78	0.70	0.77	0.81	0.66	0.82	0.75
Oct 31	0.72	0.72	0.67	0.74	0.73	0.76	0.75	0.69	S	0.82	0.79	0.80	0.76	0.78	0.76	0.72	0.79	0.75	0.79	0.79	0.78	0.77	0.82	0.84	0.67	0.84	0.76
Diurnal Maximum	0.94	1.14	1.07	1.02	0.93	1.12	1.05	1.03	1.00	0.86	0.82	0.90	1.01	0.93	0.94	1.25	1.00	0.98	0.99	0.99	0.88	0.87	0.96	0.90			
Diurnal Average	0.67	0.69	0.68	0.69	0.70	0.69	0.68	0.66	0.66	0.66	0.66	0.66	0.64	0.63	0.63	0.66	0.65	0.67	0.68	0.65	0.65	0.64	0.66	0.66			

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 - October 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

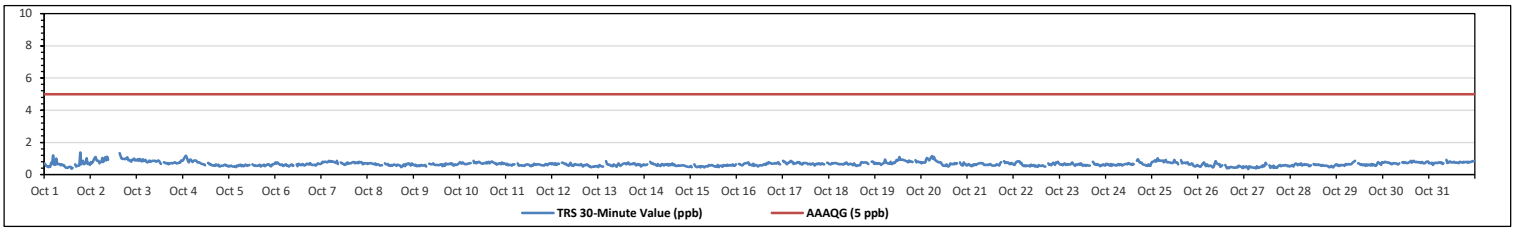
Maximum 30-Minute Value:	1.38 ppb	on Oct 1 at 18:30	# of Instrument in Service	1488
Maximum Daily Value:	0.94 ppb	on Oct 2	# of Valid Measurements	1415
Minimum 30-Minute Value:	0.35 ppb	Oct 27 at 02:00	# of Missing Measurements:	1
Minimum Daily Value:	0.50 ppb	on Oct 27	# of Calibration:	72
Monthly Average:	0.66 ppb		Operational Uptime:	99.9

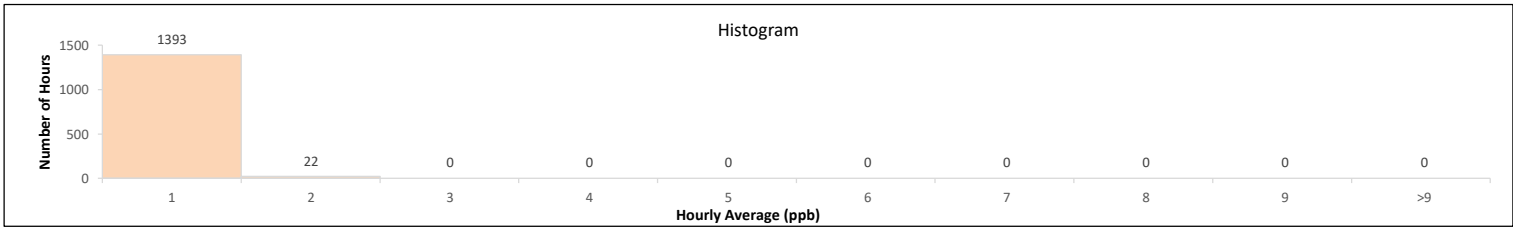
30-Minute Period Starting at (MST)	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Diurnal Maximum	Diurnal Average
00:00	0.7	0.79	0.89	0.88	0.55	0.75	0.69	0.66	0.62	0.79	0.62	0.73	0.46	0.58	0.54	S	0.85	0.66	0.74	0.71	0.61	0.67	0.64	0.68	0.8	0.55	0.45	0.54	0.59	0.74	0.71	0.89	0.67
00:30	0.6	0.69	0.96	1	0.52	0.68	0.8	0.71	0.57	0.7	0.68	0.65	0.61	0.61	0.47	S	0.78	0.63	0.69	0.76	0.67	0.61	0.62	0.63	0.8	0.53	0.46	0.55	0.62	0.74	0.73	1.00	0.67
01:00	0.52	0.79	0.87	1.1	0.57	0.75	0.77	0.69	0.62	0.68	0.58	0.62	0.56	0.61	S	0.66	0.81	0.64	0.67	0.75	0.59	0.74	0.63	0.66	0.84	0.49	0.52	0.6	0.55	0.81	0.71	1.10	0.68
01:30	0.53	0.93	0.98	1.18	0.52	0.69	0.81	0.73	0.53	0.76	0.61	0.72	0.52	0.65	S	0.67	0.73	0.72	0.73	0.74	0.61	0.81	0.58	0.6	0.9	0.54	0.45	0.51	0.55	0.79	0.74	1.18	0.69
02:00	0.47	1.03	0.88	1.06	0.51	0.64	0.81	0.71	0.54	0.69	0.62	0.6	0.51	S	0.63	0.61	0.65	0.69	0.71	0.75	0.53	0.82	0.64	0.57	0.81	0.65	**0.35**	0.6	0.6	0.75	0.61	1.06	0.67
02:30	0.52	1.11	0.82	0.88	0.51	0.61	0.78	0.68	0.58	0.66	0.59	0.62	0.5	S	0.52	0.58	0.71	0.7	0.71	0.95	0.54	0.84	0.71	0.66	0.95	0.73	0.52	0.68	0.59	0.74	0.72	1.11	0.69
03:00	0.49	0.88	0.96	0.76	0.52	0.61	0.76	0.66	0.52	0.63	0.57	0.71	S	0.8	0.48	0.59	0.75	0.73	0.6	1.05	0.64	0.83	0.6	0.55	1.02	0.75	0.47	0.68	0.6	0.75	0.73	1.05	0.69
03:30	0.74	0.86	0.84	0.92	0.46	0.63	0.82	0.65	0.58	0.66	0.63	0.67	S	0.7	0.47	0.66	0.76	0.73	0.67	0.99	0.58	0.71	0.67	0.63	0.87	0.61	0.48	0.58	0.58	0.71	0.74	0.99	0.69
04:00	0.66	0.86	0.89	0.94	0.56	0.55	0.87	0.7	0.61	0.66	0.62	S	0.84	0.72	0.5	0.69	0.85	0.7	0.69	0.89	0.64	0.74	0.61	0.61	0.88	0.52	0.45	0.63	0.54	0.71	0.72	0.94	0.70
04:30	1.2	0.69	0.91	0.86	0.52	0.54	0.81	0.6	0.56	0.71	0.65	S	0.66	0.64	0.53	0.7	0.78	0.68	0.72	0.97	0.6	0.59	0.63	0.58	0.87	0.64	0.44	0.66	0.66	0.65	0.73	1.20	0.69
05:00	0.61	0.75	0.78	0.78	0.6	0.62	0.84	0.65	0.56	0.7	S	0.74	0.62	0.66	0.45	0.73	0.8	0.65	0.94	1.07	0.66	0.57	0.64	0.6	0.87	0.54	0.42	0.62	0.65	0.68	0.75	1.07	0.69
05:30	0.62	0.81	0.75	0.85	0.59	0.64	0.81	0.65	0.58	0.72	S	0.74	0.62	0.65	0.53	0.72	0.67	0.67	0.76	1.17	0.68	0.53	0.62	0.57	0.88	0.52	0.44	0.69	0.62	0.72	0.77	1.17	0.69
06:00	1	1.05	0.8	0.89	0.62	0.55	0.82	0.6	0.6	S	0.7	0.7	0.62	0.6	0.53	0.77	0.73	0.64	0.72	0.99	0.7	0.58	0.69	0.64	0.77	0.56	0.38	0.57	0.66	0.7	0.73	1.05	0.70
06:30	0.65	0.79	0.88	0.88	0.52	0.57	0.79	0.57	0.5	S	0.56	0.67	0.54	0.54	0.51	0.6	0.69	0.66	0.7	1.11	0.72	0.53	0.76	0.67	0.87	0.57	0.52	0.61	0.63	0.7	0.76	1.11	0.67
07:00	0.67	0.98	0.8	0.87	0.58	0.51	0.76	0.58	S	0.86	0.57	0.68	0.55	0.67	0.45	0.62	0.69	0.65	0.68	0.9	0.71	0.56	0.66	0.58	0.91	0.51	0.42	0.65	0.65	0.69	0.67	0.98	0.67
07:30	0.66	1.08	0.83	0.77	0.53	0.56	0.72	0.59	S	0.72	0.59	0.6	0.53	0.59	0.51	0.61	0.78	0.62	0.68	0.88	0.72	0.54	0.61	0.63	0.78	0.44	0.41	0.61	0.65	0.63	0.71	1.08	0.65
08:00	0.62	0.88	0.85	0.75	0.54	0.61	0.87	S	0.68	0.75	0.59	0.6	0.65	0.54	0.52	0.57	0.76	0.7	0.81	0.82	0.7	0.57	0.55	0.64	0.76	0.49	0.47	0.63	0.69	0.63	S	0.88	0.66
08:30	0.58	1.12	0.87	0.77	0.62	0.65	0.66	S	0.67	0.7	0.54	0.55	0.58	0.55	0.52	0.68	0.78	0.68	0.66	0.81	0.61	0.5	0.63	0.57	0.78	0.68	0.5	0.61	0.76	0.7	S	1.12	0.67
09:00	0.64	0.93	0.86	0.73	0.6	0.55	S	0.71	0.64	0.78	0.57	0.63	0.56	0.66	0.5	0.54	0.66	0.75	0.67	0.75	0.6	0.62	0.6	0.61	0.75	0.84	0.47	0.62	0.8	S	0.91	0.93	0.67
09:30	0.59	K	0.85	0.68	0.54	0.56	S	0.63	0.64	0.76	0.55	0.74	0.48	0.63	0.6	0.61	0.68	0.67	0.76	0.78	0.61	0.54	0.64	0.63	0.74	0.72	0.59	0.52	0.87	S	0.73	0.87	0.66
10:00	0.6	C	0.8	0.66	0.58	S	0.77	0.63	0.69	0.8	0.6	0.57	0.6	0.56	0.57	0.61	0.62	0.62	0.72	0.75	0.62	0.56	0.68	0.67	0.73	0.67	0.51	0.55	S	0.76	0.8	0.80	0.65
10:30	0.53	C	0.84	0.64	0.61	S	0.71	0.67	0.62	0.74	0.62	0.61	0.7	0.63	0.59	0.57	0.72	0.63	0.81	0.66	0.6	0.6	0.6	0.66	0.73	0.63	0.54	0.58	S	0.79	0.77	0.84	0.66
11:00	0.45	C	0.88	0.65	S	0.64	0.7	0.57	0.6	0.69	0.63	0.55	0.6	0.63	0.6	0.51	0.73	0.68	0.93	0.59	0.6	0.5	0.7	0.65	0.75	0.66	0.74	S	0.7	0.73	0.83	0.93	0.66
11:30	0.42	C	0.87	0.59	S	0.52	0.65	0.6	0.61	0.68	0.62	0.64	0.55	0.6	0.56	0.57	0.73	0.67	0.86	0.55	0.67	0.56	0.65	0.72	0.91	0.49	0.64	S	0.71	0.79	0.77	0.91	0.65
12:00	0.43	C	0.75	S	0.64	0.68	0.61	0.55	0.6	0.68	0.61	0.67	0.6	0.66	0.53	0.58	0.73	0.62	0.93	0.56	0.63	0.51	0.55	0.7	0.76	0.55	S	0.67	0.64	0.73	0.76	0.93	0.64
12:30	0.48	C	0.67	S	0.58	0.65	0.68	0.6	0.6	0.73	0.54	0.62	0.65	0.56	0.53	0.58	0.69	0.58	1.09	0.55	0.59	0.49	0.61	0.63	0.77	0.59	S	0.61	0.61	0.73	0.77	1.09	0.64
13:00	0.49	C	S	0.72	0.58	0.61	0.65	0.57	0.59	0.73	0.53	0.6	0.68	0.64	0.49	0.57	0.64	0.71	0.93	0.63	0.56	0.61	0.61	0.67	0.76	S	0.58	0.63	0.64	0.72	0.81	0.93	0.64
13:30	0.48	C	S	0.73	0.55	0.58	0.77	0.62	0.61	0.69	0.6	0.62	0.7	0.58	0.5	0.61	0.67	0.62	0.93	0.52	0.56	0.54	0.55	0.61	0.63	S	0.42	0.6	0.59	0.75	0.74	0.93	0.62
14:00	0.37	C	0.75	0.62	0.56	0.66	0.68	0.62	0.63	0.78	0.56	0.59	0.69	0.65	0.61	0.63	0.68	0.54	0.95	0.5	0.56	0.54	0.6	0.68	S	0.6	0.52	0.61	0.62	0.78	0.74	0.95	0.63
14:30	0.42	C	0.77	0.64	0.55	0.65	0.71	0.6	0.63	0.69	0.68	0.6	0.65	0.7	0.47	0.66	0.62	0.55	0.93	0.57	0.56	0.54	0.59	0.64	S	0.49	0.44	0.63	0.65	0.86	0.77	0.93	0.63
15:00	S	1.34	0.7	0.59	0.57	0.57	0.71	0.54	0.52	0.8	0.65	0.67	0.7	0.58	0.54	0.61	0.67	0.59	0.9	0.69	0.65	0.59	0.56	S	0.9	0.39	0.56	0.59	0.55	0.74	0.73	1.34	0.66
15:30	S	1.16	0.69	0.56	0.56	0.6	0.73	0.62	0.64	0.7	0.6	0.56	0.76	0.64	0.55	0.73	0.69	0.58	0.89	0.67	0.62	0.55	0.56	S	0.71	0.44	0.43	0.6	0.64	0.84	0.72	1.16	0.66
16:00	0.64	1.01	0.72	0.58	0.62	0.61	0.75	0.61	0.54	0.75	0.65	0.51	0.65	0.54	0.57	0.66	0.65	0.59	0.84	0.64	0.6	0.51	S	0.87	0.72	0.4	0.49	0.55	0.57	0.85	0.8	1.01	0.65
16:30	0.51	0.99	0.64	0.54	0.51	0.68	0.78	0.58	0.69	0.82	0.64	0.58	0.64	0.55	0.48	0.79	0.57	0.77	0.83	0.68	0.56	0.5	S	0.96	0.74	0.46	0.44	0.6	0.62	0.78	0.78	0.99	0.66
17:00	0.55	0.98	0.7	0.63	0.57	0.67	0.78	0.56	0.65	0.79	0.65	0.61	0.67	0.54	0.61	0.73	0.64	0.79	0.76	0.65	0.72	S	0.8	0.86	0.74	0.49	0.43	0.57	0.62	0.78	0.76	0.98	0.68
17:30	0.57	0.97	0.7	0.61	0.58	0.62	0.71	0.47	0.66	0.74	0.62	0.59	0.64	0.58	0.57	0.73	0.68	0.76	0.88	0.73	0.78	S	0.76	0.74	0.71	0.47	0.52	0.57	0.56	0.8	0.74	0.97	0.67
18:00	0.57	0.96	0.73	0.56	0.62	0.72	0.74	0.51	0.63	0.7	0.61	0.63	0.69	0.55	0.58	0.68	0.65	0.74	0.81	0.67	S	0.7	0.63	0.75	0.75	0.44	0.57	0.55	0.67	0.76	0.81	0.96	0.67
18:30	**1.38**	1.02	0.69	0.62	0.53	0.64	0.75	0.6	0.67	0.73	0.59	0.6	0.67	0.56	0.55	0.68	0.69	0.75	0.83	0.7	S	0.6	0.66	0.74	0.76	0.45	0.6	0.57	0.57	0.78	0.77	1.38	0.69
19:00	0.63	1.07	0.73	0.51	0.59	0.61	0.69	0.64	0.69	0.62	0.59	0.53	0.7	0.57	0.62	0.68	0.71	0.75	0.8	S	0.84	0.63	0.61	0.65	0.62	0.43	0.53	0.54	0.63	0.75	0.78	1.07	0.66
19:30	0.83	0.9	0.77	0.53	0.61	0.61	0.81	0.53	0.64	0.64	0.56	0.55	0.58	0.58	0.56	0.7	0.62	0.77	0.79	S	0.73	0.58	0.66	0.62	0.64	0.45	0.55	0.54	0.61	0.73	0.8	0.90	0.65
20:00	0.87	0.92	0.75	0.56	0.63	0.61	0.77	0.65	0.69	0.69	0.58	0.47	0.59	0.58	0.56	0.72	0.68	0.69	S	0.77	0.75	0.64	0.62	0.61	0.62	0.48	0.58	0.46	0.55	0.79	0.74	0.92	0.65
20:30	0.65	0.85	0.69	0.55	0.65	0.62	0.78	0.68	0.59	0.71	0.66	0.46	0.66	0.56	0.6	0.68	0.69	0.67	S	0.65	0.73	0.74	0.58	0.6	0.69	0.44	0.56	0.47	0.57	0.78	0.81	0.85	0.65
21:00	0.71	0.81	0.71	0.56	0.62	0.56	0.75	0.65	0.57	0.69	0.64	0.5	0.61	0.56	0.58	0.72	0.65	S	0.9	0.59	0.76	0.69	0.53	0.57	0.66	0.57	0.6	0.54	0.71	0.71	0.77	0.90	0.65
21:30	0.75	0.92	0.72	0.61	0.53	0.62	0.65	0.69	0.65	0.63	0.59	0.49	0.63	0.52	0.57	0.78	0.65	S	0.75	0.57	0.69	0.61	0.61	0.55	0.55	0.53	0.59	0.51	0.78	0.69	0.78	0.92	0.64
22:00	1.02	0.92	0.76	0.62	0.53	0.69	0.68	0.63	0.6	0.77	0.65	0.52	0.51	0.51	0.63	0.67	S	0.81	0.82	0.77	0.64	0.75	0.58	0.65	0.53	0.51	0.57	0.45	0.7	0.72	0.8	1.02	0.67
22:30	0.66	1	0.74	0.55	0.64	0.68	0.72	0.57	0.62	0.67	0.71	0.51	0.58	0.48	0.55	0.65	S	0.83	0.81	0.67	0.73	0.75	0.65	0.57	0.5	0.49	0.52	0.53	0.7	0.81	0.84	1.00	0.66
23:00	0.72	0.88	0.88	0.57	0.63	0.66	0.7	0.7	0.66	0.71	0.69	0.54	0.58	0.49	0.56	S	0.74	0.76	0.77	0.64	0.72	0.81	0.58	0.54	0.57	0.4	0.57	0.58	0.61	0.8	0.83	0.88	0.66
23:30	0.6	0.91	0.85	0.5	0.68	0.66	0.69	0.62	0.72	0.68	0.63	0.53	0.63	0.49	0.65	S	0.72	0.67	0.78	0.56	0.65	0.7	0.56	0.72	0.6	0.52	0.5	0.63	0.78	0.82	0.85	0.91	0.66
Minimum	0.37	0.69	0.64	0.5	0.46	0.51	0.61	0.47	0.5	0.62	0.53	0.46	0.46	0.48	0.45	0.51	0.57	0.54	0.6	0.5	0.53	0.49	0.53	0.54	0.5	0.39	**0.35**	0.45	0.54	0.63	0.61		
Maximum	**1.38**	1.34	0.98	1.18	0.68	0.75	0.87	0.73	0.72	0.86	0.71	0.74	0.84	0.8	0.65	0.79	0.85	0.83	1.09	1.17	0.84	0.84	0.8	0.96	1.02	0.84	0.74	0.69	0.87	0.86	0.91		
Average	0.64	**0.94**	0.8	0.72	0.57	0.62	0.75	0.62	0.61	0.72	0.61	0.61	0.62	0.6	0.54	0.65	0.71	0.68	0.79	0.75	0.65	0.62	0.63	0.65	0.76	0.54	0.5	0.58	0.64	0.75	0.76		

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance	P	Power Failure	X	InValid Data (Equipment Malfunction /Recovery)
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.



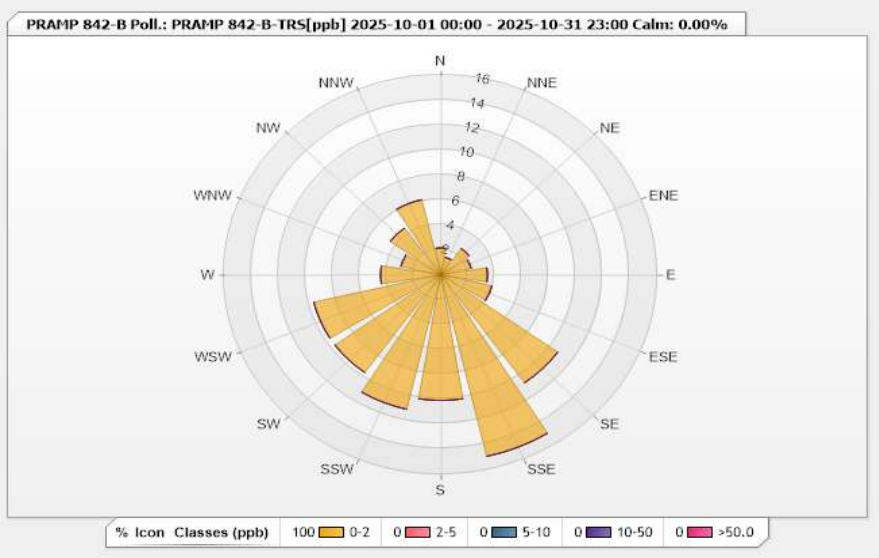


Station: PRAMP 842-B Poll.: PRAMP 842-B-TRS[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 93.55% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	2.16	0	0	0	0	2.16
NNE	1.44	0	0	0	0	1.44
NE	2.59	0	0	0	0	2.59
ENE	2.3	0	0	0	0	2.3
E	3.45	0	0	0	0	3.45
ESE	3.88	0	0	0	0	3.88
SE	10.63	0	0	0	0	10.63
SSE	14.94	0	0	0	0	14.94
S	10.06	0	0	0	0	10.06
SSW	11.06	0	0	0	0	11.06
SW	9.63	0	0	0	0	9.63
WSW	9.63	0	0	0	0	9.63
W	4.45	0	0	0	0	4.45
WNW	3.02	0	0	0	0	3.02
NW	4.6	0	0	0	0	4.6
NNW	6.18	0	0	0	0	6.18
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

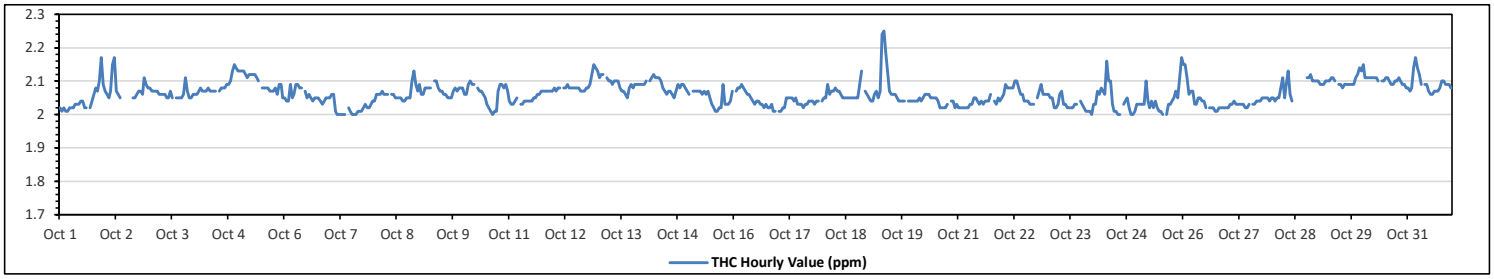
TOTAL HYDROCARBONS (THC) in ppm

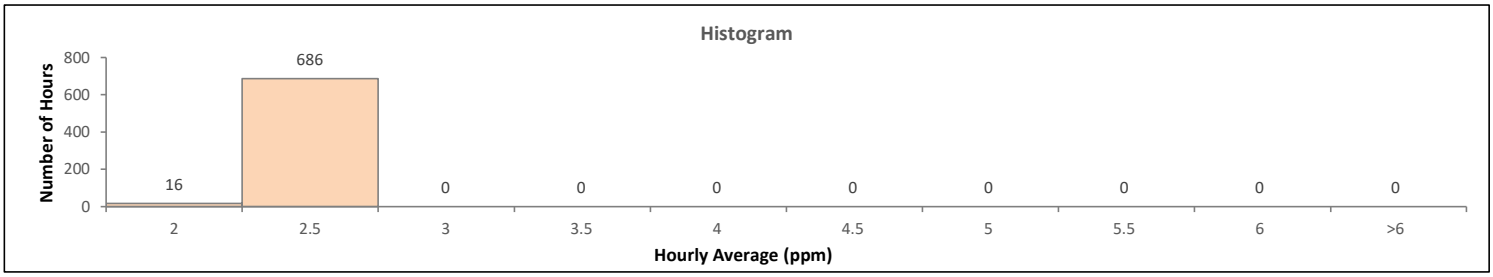
Maximum Hourly Value:	2.25	ppm	on Oct 19 at hr 8	Hours in Service:	744
Maximum Daily Value:	2.10	ppm	on Oct 30	Hours of Data:	702
Minimum Hourly Value:	2.00	ppm	on Oct 7 at hr 4	Hours of Missing Data:	6
Minimum Daily Value:	2.02	ppm	on Oct 7	Hours of Calibration:	36
Monthly Average:	2.06	ppm		Operational Uptime:	99.2

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			
Oct 1	2.02	2.01	2.02	2.01	2.01	2.02	2.02	2.02	2.03	2.03	2.03	2.04	2.04	2.02	2.02	S	2.02	2.04	2.06	2.08	2.07	2.10	2.17	2.09	2.01	2.17	2.04
Oct 2	2.07	2.06	2.05	2.07	2.15	2.17	2.07	2.06	2.05	K	C	C	C	C	S	2.05	2.05	2.06	2.07	2.07	2.06	2.11	2.09	2.08	2.05	2.17	2.08
Oct 3	2.08	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.06	2.05	2.05	2.07	2.05	S	2.05	2.05	2.05	2.05	2.06	2.11	2.07	2.05	2.05	2.06	2.05	2.11	2.06
Oct 4	2.06	2.06	2.07	2.08	2.07	2.07	2.07	2.08	2.07	2.07	2.07	2.07	S	2.07	2.08	2.08	2.08	2.09	2.09	2.10	2.13	2.15	2.14	2.13	2.06	2.15	2.09
Oct 5	2.13	2.13	2.13	2.12	2.11	2.12	2.12	2.12	2.12	2.11	2.10	S	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	2.06	2.09	2.09	2.05	2.05	2.13	2.10
Oct 6	2.05	2.04	2.04	2.09	2.05	2.06	2.09	2.09	2.08	2.08	S	2.07	2.05	2.06	2.05	2.04	2.05	2.05	2.05	2.04	2.03	2.04	2.05	2.05	2.03	2.09	2.06
Oct 7	2.05	2.06	2.06	2.01	2.00	2.00	2.00	2.00	2.00	S	2.02	2.01	2.00	2.00	2.00	2.01	2.01	2.01	2.02	2.03	2.02	2.02	2.03	2.04	2.00	2.06	2.02
Oct 8	2.04	2.06	2.06	2.06	2.07	2.06	2.06	2.06	S	2.06	2.06	2.05	2.05	2.05	2.05	2.04	2.04	2.05	2.05	2.05	2.10	2.13	2.09	2.07	2.04	2.13	2.06
Oct 9	2.09	2.06	2.06	2.08	2.08	2.08	2.08	S	2.10	2.10	2.08	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.07	2.08	2.07	2.08	2.08	2.08	2.05	2.10	2.07
Oct 10	2.06	2.06	2.09	2.10	2.09	2.09	S	2.08	2.07	2.07	2.06	2.05	2.03	2.02	2.01	2.00	2.01	2.01	2.07	2.09	2.09	2.08	2.09	2.07	2.00	2.10	2.06
Oct 11	2.04	2.03	2.03	2.04	2.05	S	2.03	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.03	2.07	2.05
Oct 12	2.08	2.07	2.08	2.08	S	2.08	2.08	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	2.08	2.09	2.12	2.15	2.14	2.13	2.07	2.15	2.09
Oct 13	2.11	2.12	2.12	S	2.11	2.10	2.10	2.09	2.10	2.10	2.10	2.08	2.07	2.07	2.06	2.05	2.08	2.09	2.08	2.09	2.09	2.09	2.09	2.09	2.05	2.12	2.09
Oct 14	2.09	2.10	S	2.10	2.11	2.12	2.11	2.11	2.11	2.10	2.08	2.07	2.06	2.07	2.07	2.06	2.05	2.07	2.09	2.08	2.09	2.09	2.08	2.07	2.05	2.12	2.09
Oct 15	2.06	S	2.07	2.07	2.07	2.07	2.07	2.06	2.07	2.06	2.07	2.05	2.03	2.02	2.01	2.01	2.02	2.02	2.09	2.03	2.03	2.03	2.04	2.07	2.01	2.09	2.05
Oct 16	S	2.07	2.08	2.08	2.09	2.08	2.07	2.06	2.06	2.05	2.04	2.03	2.04	2.04	2.03	2.03	2.02	2.03	2.02	2.02	2.03	2.01	2.01	S	2.01	2.09	2.05
Oct 17	2.01	2.01	2.02	2.02	2.05	2.05	2.05	2.05	2.04	2.05	2.03	2.03	2.03	2.02	2.03	2.03	2.04	2.04	2.04	2.03	2.04	2.04	S	2.04	2.01	2.05	2.03
Oct 18	2.05	2.05	2.09	2.06	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.09	2.13	S	2.07	2.06	2.05	2.13	2.06
Oct 19	2.05	2.04	2.04	2.06	2.07	2.05	2.07	2.24	**2.25**	2.18	2.13	2.07	2.06	2.06	2.06	2.05	2.04	2.04	2.04	2.04	S	2.04	2.04	2.04	2.04	**2.25**	2.08
Oct 20	2.04	2.04	2.04	2.05	2.04	2.05	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.04	2.02	2.02	2.02	2.02	2.03	S	2.04	2.04	2.02	2.03	2.02	2.06	2.04
Oct 21	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.05	2.05	2.04	2.03	2.04	2.03	2.04	2.04	2.04	2.06	S	2.04	2.03	2.05	2.04	2.05	2.02	2.06	2.04
Oct 22	2.06	2.09	2.08	2.08	2.08	2.08	2.10	2.10	2.08	2.06	2.06	2.04	2.04	2.04	2.03	2.03	2.03	S	2.05	2.07	2.09	2.06	2.06	2.06	2.03	2.10	2.06
Oct 23	2.06	2.05	2.05	2.02	2.02	2.03	2.06	2.07	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.03	S	2.04	2.03	2.02	2.01	2.01	2.01	2.00	2.00	2.07	2.03
Oct 24	2.03	2.03	2.07	2.06	2.08	2.07	2.06	2.16	2.10	2.10	2.03	2.01	2.01	2.00	2.00	S	2.03	2.04	2.05	2.02	2.00	2.00	2.01	2.03	2.00	2.16	2.04
Oct 25	2.03	2.03	2.03	2.03	2.10	2.04	2.02	2.04	2.02	2.04	2.02	2.01	2.01	2.00	S	2.00	2.03	2.03	2.04	2.05	2.07	2.05	2.11	2.17	2.00	2.17	2.04
Oct 26	2.15	2.15	2.11	2.06	2.07	2.07	2.03	2.03	2.05	2.05	2.04	2.04	2.02	S	2.02	2.02	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.02	2.01	2.15	2.05
Oct 27	2.02	2.03	2.03	2.04	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.03	S	2.03	2.03	2.04	2.04	2.04	2.05	2.05	2.05	2.05	2.04	2.05	2.02	2.05	2.04
Oct 28	2.05	2.04	2.05	2.05	2.08	2.11	2.05	2.09	2.13	2.06	2.04	S	2.04	NRM	NRM	NRM	NRM	NRM	2.11	2.11	2.12	2.10	2.10	2.10	2.04	2.13	2.08
Oct 29	2.10	2.09	2.09	2.09	2.10	2.10	2.10	2.11	2.11	2.10	S	2.09	2.09	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.13	2.08	2.14	2.10
Oct 30	2.15	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.10	S	2.10	2.10	2.11	2.11	2.10	2.09	2.09	2.10	2.10	2.11	2.10	2.09	2.09	2.08	2.08	2.15	**2.10**
Oct 31	2.08	2.07	2.08	2.14	2.17	2.14	2.12	2.09	S	2.09	2.09	2.07	2.06	2.06	2.07	2.07	2.07	2.08	2.10	2.10	2.09	2.09	2.09	2.08	2.06	2.17	2.09
Diurnal Maximum	2.15	2.15	2.13	2.14	2.17	2.17	2.12	2.24	2.25	2.18	2.13	2.10	2.11	2.11	2.10	2.09	2.09	2.10	2.11	2.11	2.13	2.15	2.17	2.17			
Diurnal Average	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.05	2.05	2.04	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.07			

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.



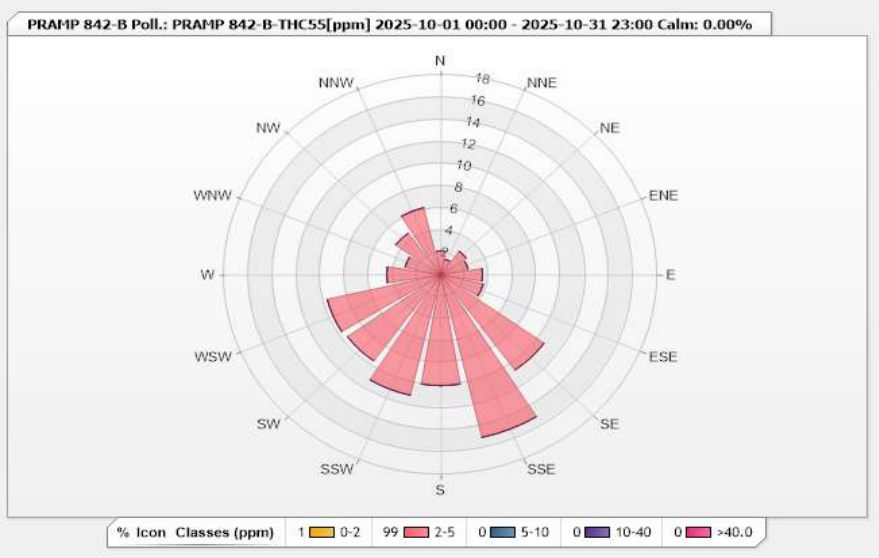


Station: PRAMP 842-B Poll.: PRAMP 842-B-THC55[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.88% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0	2.17	0	0	0	2.17
NNE	0.29	1.16	0	0	0	1.45
NE	0	2.6	0	0	0	2.6
ENE	0	2.32	0	0	0	2.32
E	0.14	3.33	0	0	0	3.47
ESE	0	3.62	0	0	0	3.62
SE	0	10.56	0	0	0	10.56
SSE	0	15.05	0	0	0	15.05
S	0.14	9.84	0	0	0	9.98
SSW	0	11.14	0	0	0	11.14
SW	0	9.55	0	0	0	9.55
WSW	0.14	9.55	0	0	0	9.69
W	0	4.49	0	0	0	4.49
WNW	0	3.04	0	0	0	3.04
NW	0	4.63	0	0	0	4.63
NNW	0	6.22	0	0	0	6.22
Summary	0.71	99.27	0	0	0	100



Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

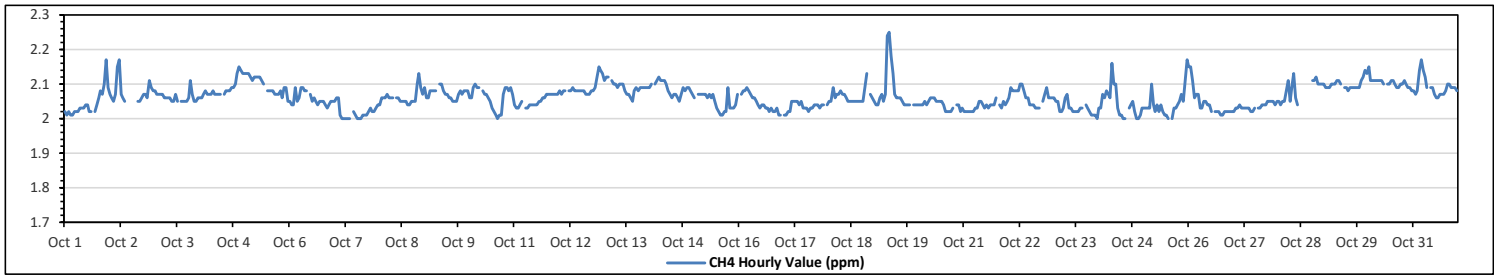
METHANE (CH4) in ppm

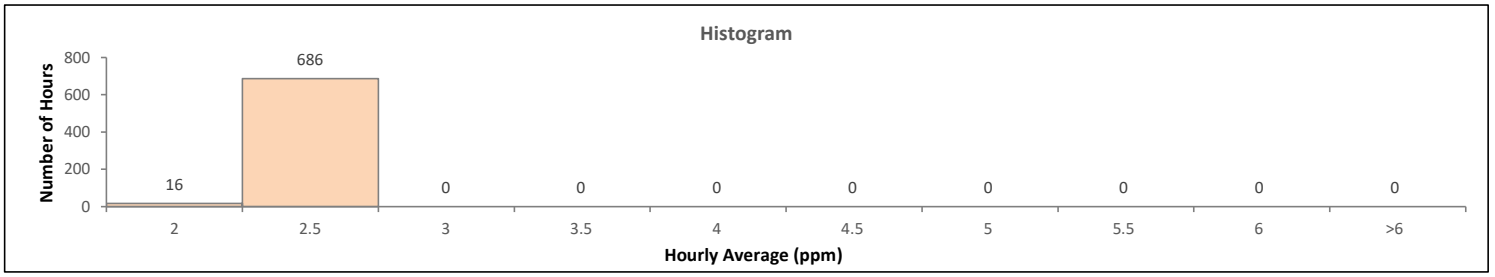
Maximum Hourly Value:	2.25	ppm	on Oct 19 at hr 8	Hours in Service:	744
Maximum Daily Value:	2.10	ppm	on Oct 30	Hours of Data:	702
Minimum Hourly Value:	2.00	ppm	on Oct 7 at hr 4	Hours of Missing Data:	6
Minimum Daily Value:	2.02	ppm	on Oct 7	Hours of Calibration:	36
Monthly Average:	2.06	ppm		Operational Uptime:	99.2

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			
Oct 1	2.02	2.01	2.02	2.01	2.01	2.02	2.02	2.02	2.03	2.03	2.03	2.04	2.04	2.02	2.02	S	2.02	2.04	2.06	2.08	2.07	2.10	2.17	2.09	2.01	2.17	2.04
Oct 2	2.07	2.06	2.05	2.07	2.15	2.17	2.07	2.06	2.05	K	C	C	C	C	S	2.05	2.05	2.06	2.07	2.07	2.06	2.11	2.09	2.08	2.05	2.17	2.08
Oct 3	2.08	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.06	2.05	2.05	2.07	2.05	S	2.05	2.05	2.05	2.05	2.06	2.11	2.07	2.05	2.05	2.06	2.05	2.11	2.06
Oct 4	2.06	2.06	2.07	2.08	2.07	2.07	2.07	2.08	2.07	2.07	2.07	2.07	S	2.07	2.08	2.08	2.08	2.09	2.09	2.10	2.13	2.15	2.14	2.13	2.06	2.15	2.09
Oct 5	2.13	2.13	2.13	2.12	2.11	2.12	2.12	2.12	2.12	2.11	2.10	S	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	2.06	2.09	2.09	2.05	2.05	2.13	2.10
Oct 6	2.05	2.04	2.04	2.09	2.05	2.06	2.09	2.09	2.08	2.08	S	2.07	2.05	2.06	2.05	2.04	2.05	2.05	2.05	2.04	2.03	2.04	2.05	2.05	2.03	2.09	2.06
Oct 7	2.05	2.06	2.06	2.01	2.00	2.00	2.00	2.00	2.00	S	2.02	2.01	2.00	2.00	2.00	2.01	2.01	2.01	2.02	2.03	2.02	2.02	2.03	2.04	2.00	2.06	2.02
Oct 8	2.04	2.06	2.06	2.06	2.07	2.06	2.06	2.06	S	2.06	2.06	2.05	2.05	2.05	2.05	2.04	2.04	2.05	2.05	2.05	2.10	2.13	2.09	2.07	2.04	2.13	2.06
Oct 9	2.09	2.06	2.06	2.08	2.08	2.08	2.08	S	2.10	2.10	2.08	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.07	2.08	2.07	2.08	2.08	2.08	2.05	2.10	2.07
Oct 10	2.06	2.06	2.09	2.10	2.09	2.09	S	2.08	2.07	2.07	2.06	2.05	2.03	2.02	2.01	2.00	2.01	2.01	2.07	2.09	2.09	2.08	2.09	2.07	2.00	2.10	2.06
Oct 11	2.04	2.03	2.03	2.04	2.05	S	2.03	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.03	2.07	2.05
Oct 12	2.08	2.07	2.08	2.08	S	2.08	2.08	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	2.08	2.09	2.12	2.15	2.14	2.13	2.07	2.15	2.09
Oct 13	2.11	2.12	2.12	S	2.11	2.10	2.10	2.09	2.10	2.10	2.10	2.08	2.07	2.07	2.06	2.05	2.08	2.09	2.08	2.09	2.09	2.09	2.09	2.09	2.05	2.12	2.09
Oct 14	2.09	2.10	S	2.10	2.11	2.12	2.11	2.11	2.11	2.10	2.08	2.07	2.06	2.07	2.07	2.06	2.05	2.07	2.09	2.08	2.09	2.09	2.08	2.07	2.05	2.12	2.09
Oct 15	2.06	S	2.07	2.07	2.07	2.07	2.07	2.06	2.07	2.06	2.07	2.05	2.03	2.02	2.01	2.01	2.02	2.02	2.09	2.03	2.03	2.03	2.04	2.07	2.01	2.09	2.05
Oct 16	S	2.07	2.08	2.08	2.09	2.08	2.07	2.06	2.06	2.05	2.04	2.03	2.04	2.04	2.03	2.03	2.02	2.03	2.02	2.02	2.03	2.01	2.01	S	2.01	2.09	2.05
Oct 17	2.01	2.01	2.02	2.02	2.05	2.05	2.05	2.05	2.04	2.05	2.03	2.03	2.03	2.02	2.03	2.03	2.04	2.04	2.04	2.03	2.04	2.04	S	2.04	2.01	2.05	2.03
Oct 18	2.05	2.05	2.09	2.06	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.09	2.13	S	2.07	2.06	2.05	2.13	2.06
Oct 19	2.05	2.04	2.04	2.06	2.07	2.05	2.07	2.24	**2.25**	2.18	2.13	2.07	2.06	2.06	2.06	2.05	2.04	2.04	2.04	2.04	S	2.04	2.04	2.04	2.04	**2.25**	2.08
Oct 20	2.04	2.04	2.04	2.05	2.04	2.05	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.04	2.02	2.02	2.02	2.02	2.03	S	2.04	2.04	2.02	2.03	2.02	2.06	2.04
Oct 21	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.05	2.05	2.04	2.03	2.04	2.03	2.04	2.04	2.04	2.06	S	2.04	2.03	2.05	2.04	2.05	2.02	2.06	2.04
Oct 22	2.06	2.09	2.08	2.08	2.08	2.08	2.10	2.10	2.08	2.06	2.06	2.04	2.04	2.04	2.03	2.03	2.03	S	2.05	2.07	2.09	2.06	2.06	2.06	2.03	2.10	2.06
Oct 23	2.06	2.05	2.05	2.02	2.02	2.03	2.06	2.07	2.03	2.03	2.02	2.02	2.02	2.02	2.03	2.03	S	2.04	2.03	2.02	2.01	2.01	2.01	2.00	2.00	2.07	2.03
Oct 24	2.03	2.03	2.07	2.06	2.08	2.07	2.06	2.16	2.10	2.10	2.03	2.01	2.01	2.00	2.00	S	2.03	2.04	2.05	2.02	2.00	2.00	2.01	2.03	2.00	2.16	2.04
Oct 25	2.03	2.03	2.03	2.03	2.10	2.04	2.02	2.04	2.02	2.04	2.02	2.01	2.01	2.00	S	2.00	2.03	2.03	2.04	2.05	2.07	2.05	2.11	2.17	2.00	2.17	2.04
Oct 26	2.15	2.15	2.11	2.06	2.07	2.07	2.03	2.03	2.05	2.05	2.04	2.04	2.02	S	2.02	2.02	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.02	2.01	2.15	2.05
Oct 27	2.02	2.03	2.03	2.04	2.03	2.03	2.03	2.03	2.03	2.02	2.02	2.03	S	2.03	2.03	2.04	2.04	2.04	2.05	2.05	2.05	2.05	2.04	2.05	2.02	2.05	2.04
Oct 28	2.05	2.04	2.05	2.05	2.08	2.11	2.05	2.09	2.13	2.06	2.04	S	2.04	NRM	NRM	NRM	NRM	NRM	2.11	2.11	2.12	2.10	2.10	2.10	2.04	2.13	2.08
Oct 29	2.10	2.09	2.09	2.09	2.10	2.10	2.10	2.11	2.11	2.10	S	2.09	2.09	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.11	2.12	2.14	2.13	2.08	2.14	2.10
Oct 30	2.15	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.10	S	2.10	2.10	2.11	2.11	2.10	2.09	2.09	2.10	2.10	2.11	2.10	2.09	2.08	2.08	2.15	**2.10**
Oct 31	2.08	2.07	2.08	2.14	2.17	2.14	2.12	2.09	S	2.09	2.09	2.07	2.06	2.06	2.07	2.07	2.07	2.08	2.10	2.10	2.09	2.09	2.09	2.08	2.06	2.17	2.09
Diurnal Maximum	2.15	2.15	2.13	2.14	2.17	2.17	2.12	2.24	2.25	2.18	2.13	2.10	2.11	2.11	2.10	2.09	2.09	2.10	2.11	2.11	2.13	2.15	2.17	2.17			
Diurnal Average	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.05	2.05	2.04	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.07			

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.



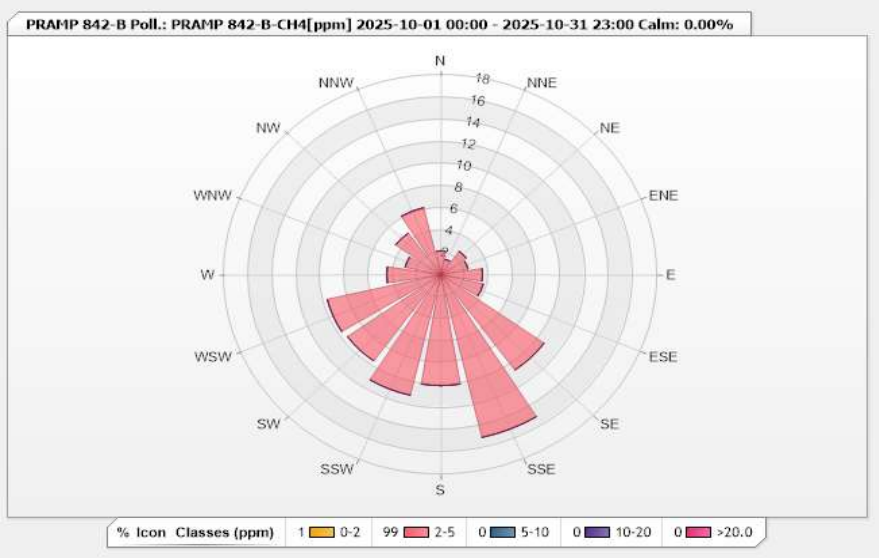


Station: PRAMP 842-B Poll.: PRAMP 842-B-CH4[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.88% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0	2.17	0	0	0	2.17
NNE	0.29	1.16	0	0	0	1.45
NE	0	2.6	0	0	0	2.6
ENE	0	2.32	0	0	0	2.32
E	0.14	3.33	0	0	0	3.47
ESE	0	3.62	0	0	0	3.62
SE	0	10.56	0	0	0	10.56
SSE	0	15.05	0	0	0	15.05
S	0.14	9.84	0	0	0	9.98
SSW	0	11.14	0	0	0	11.14
SW	0	9.55	0	0	0	9.55
WSW	0.14	9.55	0	0	0	9.69
W	0	4.49	0	0	0	4.49
WNW	0	3.04	0	0	0	3.04
NW	0	4.63	0	0	0	4.63
NNW	0	6.22	0	0	0	6.22
Summary	0.71	99.27	0	0	0	100



Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

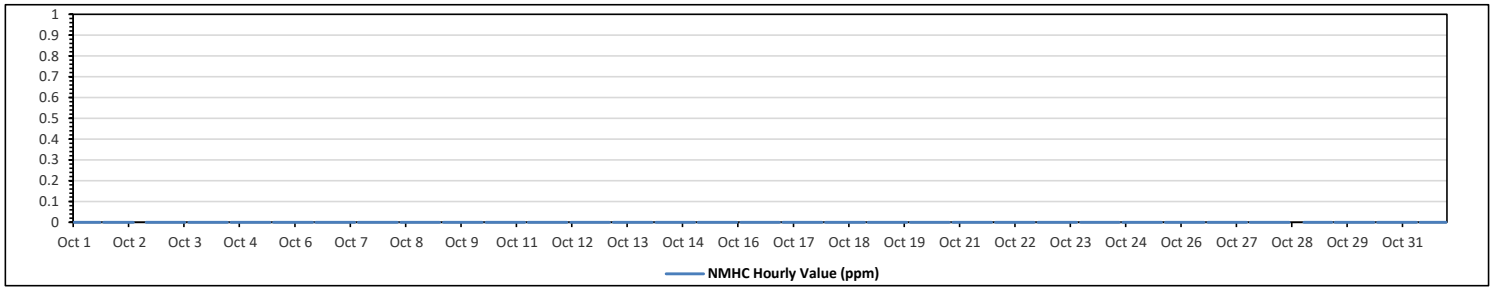
NON-METHANE HYDROCARBONS (NMHC) in ppm

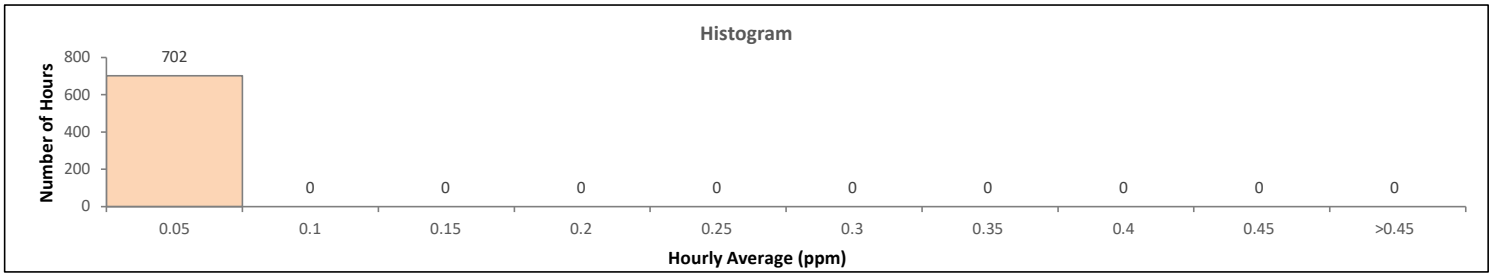
Maximum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours in Service:	744
Maximum Daily Value:	0.00	ppm	on Oct 1	Hours of Data:	702
Minimum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours of Missing Data:	6
Minimum Daily Value:	0.00	ppm	on Oct 1	Hours of Calibration:	36
Monthly Average:	0.00	ppm		Operational Uptime:	99.2

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			
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	K	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	0.00	0.00
Oct 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	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
Oct 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	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
Oct 5	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	0.00
Oct 6	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	0.00
Oct 7	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	0.00
Oct 8	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	0.00
Oct 9	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
Oct 10	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
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	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
Oct 15	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
Oct 16	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
Oct 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	S	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 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	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
Oct 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	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
Oct 28	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	NRM	NRM	NRM	NRM	NRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 29	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	0.00
Oct 30	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	0.00
Oct 31	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	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			
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			

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.



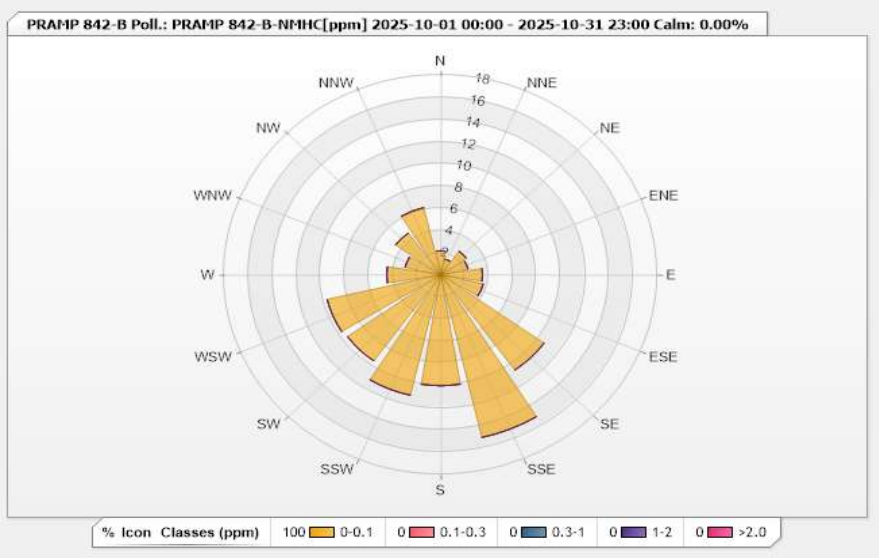


Station: PRAMP 842-B Poll.: PRAMP 842-B-NMHC[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.88% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	2.17	0	0	0	0	2.17
NNE	1.45	0	0	0	0	1.45
NE	2.6	0	0	0	0	2.6
ENE	2.32	0	0	0	0	2.32
E	3.47	0	0	0	0	3.47
ESE	3.62	0	0	0	0	3.62
SE	10.56	0	0	0	0	10.56
SSE	15.05	0	0	0	0	15.05
S	9.99	0	0	0	0	9.99
SSW	11.14	0	0	0	0	11.14
SW	9.55	0	0	0	0	9.55
WSW	9.7	0	0	0	0	9.7
W	4.49	0	0	0	0	4.49
WNW	3.04	0	0	0	0	3.04
NW	4.63	0	0	0	0	4.63
NNW	6.22	0	0	0	0	6.22
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - October 2025

Summary of Hourly Averages

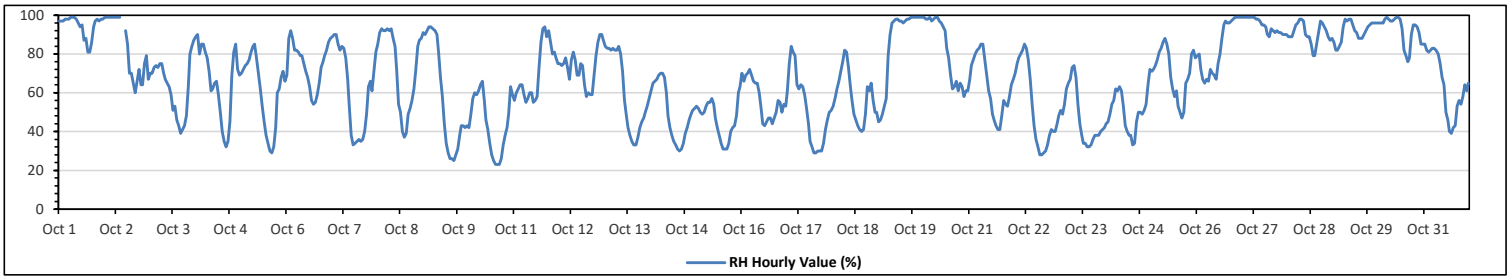
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	99	%	on Oct 1 at hr 6	Hours in Service:	744	
Maximum Daily Value:	94.6	%	on Oct 1	Hours of Data:	742	
Minimum Hourly Value:	23	%	on Oct 10 at hr 14	Hours of Missing Data:	2	
Minimum Daily Value:	44.5	%	on Oct 10	Hours of Calibration:	0	
Monthly Average:	68.1	%		Operational Uptime:	99.7	

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
Oct 1	97	97	97	98	98	98	**99**	**99**	**99**	98	96	94	95	87	88	81	81	86	94	97	98	97	98	98	81	**99**	**94.6**
Oct 2	**99**	**99**	**99**	**99**	**99**	**99**	**99**	**99**	**99**	**K**	**K**	92	85	70	70	65	60	66	72	64	64	75	79	67	60	**99**	82.7
Oct 3	70	70	73	74	73	75	75	70	67	65	63	59	51	53	46	43	39	41	43	48	63	80	84	87	39	87	63.0
Oct 4	89	90	80	85	85	81	78	71	61	62	65	66	59	50	40	35	32	35	45	69	81	85	72	69	32	90	66.0
Oct 5	70	72	74	75	77	81	84	85	78	70	62	53	45	38	34	30	29	32	42	60	62	68	71	66	29	85	60.8
Oct 6	69	88	92	88	82	82	81	79	79	75	71	68	63	56	54	55	59	65	73	76	79	82	86	88	54	92	74.6
Oct 7	89	90	90	85	82	84	83	78	67	53	38	33	34	35	36	35	36	40	49	63	66	61	71	81	33	90	61.6
Oct 8	85	91	93	92	92	93	92	93	88	84	72	54	50	40	37	39	49	52	56	62	72	84	87	88	37	93	72.7
Oct 9	91	90	92	94	94	93	92	90	81	68	58	44	34	29	26	26	25	28	31	38	43	43	42	43	25	94	58.1
Oct 10	42	49	57	60	59	61	64	66	56	46	41	34	28	25	**23**	**23**	**23**	26	33	38	42	49	63	59	**23**	66	**44.5**
Oct 11	56	60	62	64	64	59	55	57	60	60	55	56	58	73	86	93	94	89	92	86	80	81	78	75	55	94	70.5
Oct 12	75	74	75	78	73	67	77	81	77	69	69	75	74	64	58	60	59	59	69	79	86	90	90	87	58	90	73.5
Oct 13	84	83	83	82	83	82	82	84	80	71	56	48	42	38	35	33	33	37	42	45	47	50	53	57	33	84	59.6
Oct 14	61	65	66	67	69	70	70	68	60	48	42	38	35	33	31	30	31	34	39	42	46	49	51	52	30	70	49.9
Oct 15	53	52	50	49	50	53	55	55	57	54	47	42	38	34	31	31	31	34	40	42	43	48	60	63	31	63	46.3
Oct 16	70	66	69	70	72	69	66	65	65	60	52	44	43	45	47	47	44	47	50	56	55	50	54	53	43	72	56.6
Oct 17	61	75	84	81	79	64	62	64	63	59	52	44	35	32	29	29	30	30	30	34	41	46	50	51	29	84	51.0
Oct 18	53	57	62	66	71	76	82	81	73	63	56	49	46	43	41	40	41	49	63	61	65	56	50	50	40	82	58.1
Oct 19	45	46	49	53	57	79	90	96	97	98	98	97	97	96	97	98	98	**99**	**99**	**99**	**99**	**99**	**99**	**99**	45	**99**	86.8
Oct 20	**99**	98	98	**99**	97	98	**99**	**99**	97	96	94	92	83	78	69	62	63	66	61	65	63	58	61	61	58	**99**	81.5
Oct 21	67	74	77	80	82	83	85	85	77	69	61	57	49	46	43	41	41	48	56	54	53	58	64	67	41	85	63.2
Oct 22	70	75	78	80	82	85	83	77	67	54	43	36	32	28	28	29	30	33	38	41	40	40	44	48	28	85	52.5
Oct 23	51	49	54	62	65	67	73	74	68	54	44	38	34	34	32	32	33	36	38	38	38	40	41	42	32	74	47.4
Oct 24	44	45	49	54	56	62	61	63	61	53	43	40	38	38	33	34	45	50	50	49	51	54	64	72	33	72	50.4
Oct 25	71	72	74	77	81	83	86	88	85	80	68	62	58	61	53	50	47	50	65	67	70	80	82	78	47	88	70.3
Oct 26	79	80	72	67	65	67	66	72	70	69	67	75	80	88	95	97	96	96	97	98	**99**	**99**	**99**	**99**	65	**99**	83.0
Oct 27	**99**	**99**	**99**	**99**	**99**	**99**	**99**	98	98	97	95	95	94	90	89	93	92	91	92	91	91	90	90	90	89	**99**	94.5
Oct 28	89	89	89	92	95	96	98	98	97	90	89	89	85	79	79	85	91	97	96	94	92	89	87	88	79	98	90.5
Oct 29	86	82	82	84	86	94	98	97	98	98	95	92	91	88	88	88	90	92	94	95	96	96	96	96	82	98	91.8
Oct 30	96	96	96	98	**99**	98	97	97	98	**99**	**99**	98	93	82	79	76	78	90	95	95	94	91	85	85	76	**99**	92.3
Oct 31	85	82	81	82	83	83	82	80	75	68	64	50	46	40	39	42	43	53	56	54	58	64	61	65	39	85	64.0
Diurnal Maximum	99	99	99	99	99	99	99	99	99	99	99	98	97	96	97	98	98	99	99	99	99	99	99	99			
Diurnal Average	74.0	76.0	77.3	78.5	79.0	80.0	81.1	80.9	77.4	71.0	65.2	61.7	57.9	54.6	52.8	52.3	53.0	56.5	61.3	64.5	67.0	69.4	71.4	71.7			

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

842-B Station - October 2025

Summary of Hourly Averages

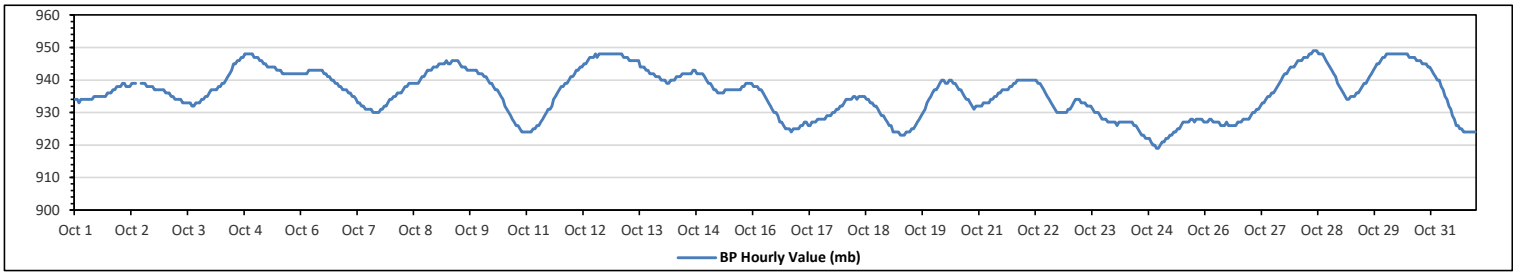
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	949 mb	on Oct 28 at hr 9	Hours in Service:	744	
Maximum Daily Value:	947 mb	on Oct 30	Hours of Data:	742	
Minimum Hourly Value:	919 mb	on Oct 24 at hr 22	Hours of Missing Data:	2	
Minimum Daily Value:	924 mb	on Oct 24	Hours of Calibration:	0	
Monthly Average:	936 mb		Operational Uptime:	99.7	

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
Oct 1	934	934	933	934	934	934	934	934	934	934	935	935	935	935	935	935	935	936	936	936	937	937	938	938	933	938	935
Oct 2	938	939	939	938	938	938	939	939	939	K	K	939	939	939	938	938	938	938	937	937	937	937	937	937	937	939	938
Oct 3	936	936	936	935	935	934	934	934	934	933	933	933	933	933	932	932	933	933	933	934	934	935	935	936	932	936	934
Oct 4	937	937	937	937	938	938	939	939	940	941	942	943	945	945	946	946	947	947	948	948	948	948	948	947	937	948	943
Oct 5	947	947	946	946	945	945	944	944	944	944	944	943	943	943	942	942	942	942	942	942	942	942	942	942	942	947	944
Oct 6	942	942	942	942	943	943	943	943	943	943	943	943	942	942	941	941	940	940	939	939	938	938	937	937	937	943	941
Oct 7	937	936	936	935	935	934	933	933	932	932	931	931	931	931	930	930	930	930	931	931	932	932	933	934	930	937	933
Oct 8	934	935	935	936	936	936	937	938	938	939	939	939	939	939	939	940	941	941	942	943	943	943	944	944	934	944	939
Oct 9	944	945	945	945	945	946	945	945	946	946	946	946	945	944	944	944	943	943	943	943	943	943	942	942	942	946	944
Oct 10	942	941	941	940	939	939	938	937	937	936	935	934	932	931	930	929	928	927	926	926	925	924	924	924	924	942	933
Oct 11	924	924	924	925	925	926	926	927	928	929	930	931	931	932	934	935	936	937	938	938	939	939	940	941	924	941	932
Oct 12	941	942	943	943	944	944	945	945	946	947	947	947	948	947	948	948	948	948	948	948	948	948	948	948	941	948	946
Oct 13	948	948	948	947	947	947	946	946	946	946	946	946	944	944	944	943	943	942	942	942	941	941	941	940	940	948	945
Oct 14	940	940	939	939	940	940	940	941	941	941	942	942	942	942	942	942	943	943	942	942	942	942	941	940	939	943	941
Oct 15	939	939	938	937	937	936	936	936	936	937	937	937	937	937	937	937	937	937	938	938	939	939	939	939	936	939	937
Oct 16	938	938	938	937	937	936	935	934	933	932	931	930	930	929	927	927	926	925	925	925	924	925	925	925	924	938	931
Oct 17	925	926	926	927	927	926	926	927	927	927	928	928	928	928	928	929	929	929	930	930	931	931	932	932	925	932	928
Oct 18	933	934	934	934	934	935	935	934	935	935	935	935	934	934	933	933	932	932	931	930	929	929	928	927	927	935	933
Oct 19	926	926	924	924	924	924	923	923	923	924	924	924	925	925	926	927	928	929	930	931	933	934	935	936	923	936	927
Oct 20	937	937	938	939	940	940	939	939	940	940	939	939	938	937	937	936	935	934	934	933	932	931	932	932	931	940	937
Oct 21	932	932	933	933	933	933	934	934	935	935	936	936	937	937	937	937	938	938	939	939	940	940	940	940	932	940	936
Oct 22	940	940	940	940	940	940	940	939	939	938	937	936	935	934	933	932	931	930	930	930	930	930	930	931	930	940	935
Oct 23	931	932	933	934	934	934	933	933	933	932	932	932	931	930	930	930	929	928	928	928	927	927	927	927	927	934	931
Oct 24	927	926	927	927	927	927	927	927	927	927	926	926	925	924	923	923	922	922	922	921	920	920	**919**	**919**	**919**	927	**924**
Oct 25	920	921	921	922	922	923	923	924	924	925	925	926	927	927	927	927	928	928	927	928	928	928	928	927	920	928	925
Oct 26	927	927	928	928	927	927	927	927	926	926	926	927	926	926	926	926	926	927	927	927	928	928	928	928	926	928	927
Oct 27	929	930	930	931	931	932	933	933	934	935	935	936	936	937	938	939	940	941	942	942	943	944	944	944	929	944	937
Oct 28	945	946	946	946	947	947	947	948	948	**949**	**949**	**949**	948	948	948	947	946	945	944	943	942	941	939	938	938	**949**	946
Oct 29	937	936	935	934	934	935	935	935	936	936	937	938	939	939	940	941	942	943	944	945	945	946	947	947	934	947	939
Oct 30	948	948	948	948	948	948	948	948	948	948	948	948	947	947	947	947	946	946	946	945	945	945	944	944	944	948	**947**
Oct 31	943	942	941	940	940	938	937	935	934	932	931	929	928	926	926	925	925	924	924	924	924	924	924	924	924	943	931
Diurnal Maximum	948	948	948	948	948	948	948	948	948	949	949	949	948	948	948	948	948	948	948	948	948	948	948	948			
Diurnal Average	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936			

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 - October 2025

Summary of Hourly Averages

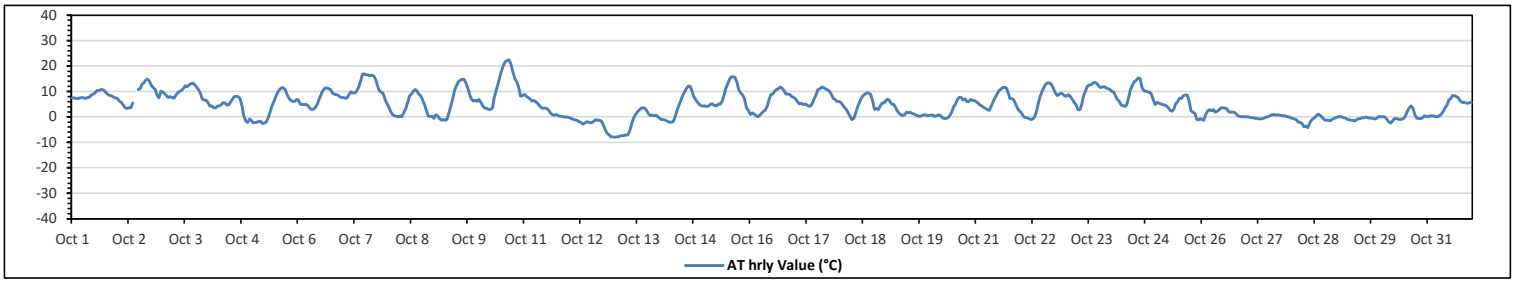
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	22.5	°C	on Oct 10 at hr 16	Hours in Service:	744
Maximum Daily Value:	11.7	°C	on Oct 7	Hours of Data:	742
Minimum Hourly Value:	-8.0	°C	on Oct 13 at hr 0	Hours of Missing Data:	2
Minimum Daily Value:	-2.8	°C	on Oct 12	Hours of Calibration:	0
Monthly Average:	4.9	°C		Operational Uptime:	99.7

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
Oct 1	7.5	7.5	7.3	7.3	7.5	7.6	7.5	7.3	7.6	7.8	8.5	9.1	9.3	10.4	10.3	10.7	10.7	10.4	9.5	8.8	8.4	8.2	7.8	7.5	7.3	10.7	8.5
Oct 2	7.3	6.3	5.8	4.7	3.7	3.4	3.7	3.7	5.4	K	K	10.7	11.1	13	13.4	14.4	14.9	14	12.4	11.6	10.9	8.5	7.5	10.1	3.4	14.9	8.9
Oct 3	9.7	9.2	8.3	7.7	7.9	7.6	7.4	8.7	9.5	10	10.4	11.2	12.3	11.9	12.6	13.1	13.3	12.6	11.7	10.8	9.4	7.1	6.6	6.6	6.6	13.3	9.8
Oct 4	5.8	4.2	4.3	3.6	3.6	4.2	4.3	4.8	5.6	5.5	4.8	4.8	5.8	6.8	7.9	8.1	7.9	7.3	4.6	0.5	-1.5	-2.2	-0.8	-1.4	-2.2	8.1	4.1
Oct 5	-2.3	-2.2	-2	-1.8	-1.7	-2.6	-2.5	-2.1	-0.4	1.9	4.3	6	7.9	9.6	10.7	11.4	11.5	10.7	8.9	7.4	6.5	6.2	6.1	6.9	-2.6	11.5	4.1
Oct 6	6.7	5.2	4.9	4.9	5	4.5	3.5	3	3	3.7	4.9	6.8	8.6	10.4	11.3	11.4	11.1	10.7	9.4	9.1	8.8	8.6	8	7.7	3.0	11.4	7.1
Oct 7	7.6	7.4	7.5	8.9	9.9	9.3	9.4	10.2	11.8	14.1	16.8	17	16.6	16.6	16.2	16.4	16	14.8	12.7	10.4	9.7	9.4	7	5.3	5.3	17.0	**11.7**
Oct 8	3.9	2.1	1	0.5	0.3	-0.1	0.4	0	1.7	3.2	5.7	8.3	9.1	10.1	10.8	10.3	9.1	8.2	6.8	5.1	2.8	0.3	0.2	0.3	-0.1	10.8	4.2
Oct 9	-0.5	0.8	0.3	-0.7	-1.4	-1.1	-1.4	-0.9	1.6	4.4	7.1	10.2	12.1	13.6	14.4	14.8	14.8	13.4	11.4	8.6	6.8	6.3	6.6	6.1	-1.4	14.8	6.1
Oct 10	6.8	5.7	4.3	3.5	3.3	3	2.9	3.5	7.3	10.2	12.8	15.7	18.5	20.4	21.7	22.3	**22.5**	20.7	17.7	15.1	13.8	11.7	8.1	8.4	2.9	**22.5**	11.7
Oct 11	8.9	8.1	7.7	7.1	6.3	6.5	6.1	5.4	4.6	3.8	3.3	3.5	3.4	2.6	1.5	0.8	0.7	1	0.5	0.3	0.2	0	-0.1	-0.1	-0.1	8.9	3.4
Oct 12	-0.3	-0.7	-0.9	-1.2	-1.3	-1.8	-2	-2.8	-2.5	-1.9	-1.9	-2.3	-2.2	-1.7	-1	-1.3	-1.4	-1.6	-3.3	-5.2	-6.5	-7.1	-7.9	-7.9	-7.9	-0.3	**-2.8**
Oct 13	**-8**	-7.9	-7.9	-7.5	-7.3	-7.3	-7	-7	-5.5	-2.8	-0.4	1	2	2.7	3.5	3.6	3.5	2.5	1.2	0.6	0.7	0.5	0.7	0.1	**-8.0**	3.6	-1.9
Oct 14	-0.5	-1.1	-1.1	-1.4	-1.6	-2.1	-2.1	-1.9	-0.3	2.3	4.3	6.3	8.3	9.7	11.1	12.1	12	10.4	8	6.8	5.7	4.9	4.5	4.2	-2.1	12.1	4.1
Oct 15	4.3	4.1	4.4	5.2	5.1	4.5	4.4	5.1	5	6.3	8.7	11.1	13	14.8	15.8	15.8	15.6	13.6	10.6	9.3	8.6	7	3.7	2.6	2.6	15.8	8.3
Oct 16	1	1.6	1.2	0.6	0	0.6	1.5	2.2	2.7	4.4	6.6	8.8	9.1	10.2	10.8	11.2	11.8	11.1	10.5	9	9.1	8.9	7.9	7.8	0.0	11.8	6.2
Oct 17	7.1	6	5.1	5.3	4.9	5.2	4.8	4.2	4.2	5.4	7	8.6	10.8	11	11.8	11.6	11	10.6	10.1	9	7.3	6.8	6.1	6.2	4.2	11.8	7.5
Oct 18	5.8	4.9	3.8	2.9	1.7	0.5	-1.1	-0.7	1.5	3.9	5.8	7.4	8.5	9.1	9.5	9.3	8.9	6.4	2.9	3.3	2.8	4.3	5.5	5.5	-1.1	9.5	4.7
Oct 19	6.5	7	6.4	5.1	5	3.9	2.6	1.6	0.8	0.6	0.9	1.8	1.7	1.9	1.3	1.1	0.7	0.5	0.2	0.4	0.8	0.8	0.6	0.6	0.2	7.0	2.2
Oct 20	0.7	0.7	0.2	0.5	0.9	0.6	-0.3	-0.7	-0.5	-0.3	0.5	1.9	3.9	5	6.8	7.8	7.7	6.6	7.1	6.2	6	6.9	6.5	6.5	-0.7	7.8	3.4
Oct 21	6	5.3	4.8	4.4	3.8	3.4	2.8	2.6	4.3	6.1	7.6	9	10.5	10.9	11.6	11.7	11.4	9.4	7.3	7.3	6.7	5.1	3.4	2.4	2.4	11.7	6.6
Oct 22	1.6	0.3	-0.2	-0.3	-0.7	-1	-0.8	-0.1	2.1	5.5	8.2	10.1	11.5	12.9	13.4	13.4	12.8	11.1	9.5	8.4	8.9	9.4	9.1	8.4	-1.0	13.4	6.4
Oct 23	8.1	8.8	8	7	5.8	4.7	2.8	2.8	5.2	8.2	10.1	12	12.5	12.7	13.3	13.6	13.3	12.2	11.5	11.8	11.9	11.4	11.2	10.8	2.8	13.6	9.6
Oct 24	10	9.7	8.3	6.8	6.2	4.6	4.5	4.1	4.7	7.6	10.8	12.5	13.9	14.4	15.3	15	11.6	10.3	10.1	9.9	9.8	9	6.7	4.9	4.1	15.3	9.2
Oct 25	5.7	5.3	5.1	4.9	4.8	4.4	3.7	2.6	2.3	3.2	5.1	6	7.4	7.2	8.4	8.7	8.6	6.4	2.5	1.9	1.4	-0.9	-1.2	-0.7	-1.2	8.7	4.3
Oct 26	-1.1	-1.3	1	2.4	2.8	2.5	2.8	1.8	2.3	2.8	3.6	3.6	3.5	3.2	2.1	1.8	2	1.9	1.2	0.4	0.2	0.1	0	0	-1.3	3.6	1.7
Oct 27	0	-0.1	-0.2	-0.3	-0.5	-0.5	-0.7	-0.8	-0.7	-0.4	-0.1	0.1	0.5	0.8	1	0.7	0.8	0.7	0.6	0.5	0.4	0.2	0.1	-0.2	-0.8	1.0	0.1
Oct 28	-0.5	-0.8	-1	-2.1	-2.1	-2.6	-3.9	-3.5	-4.2	-2.4	-1.3	-0.7	-0.1	0.9	1.1	0.4	-0.3	-1.2	-1.4	-1.3	-1.5	-0.9	-0.5	-0.2	-4.2	1.1	-1.3
Oct 29	0.1	0.1	0	-0.3	-0.4	-0.9	-1.1	-1.4	-1.4	-1.5	-1.1	-0.7	-0.6	-0.3	-0.2	-0.1	-0.2	-0.4	-0.4	-0.7	-0.8	-0.3	0.2	0	-1.5	0.2	-0.5
Oct 30	0.1	-0.1	-0.9	-1.9	-2.5	-1.5	-0.6	-0.6	-0.8	-1.1	-0.9	-0.6	0.3	2.2	3.6	4.4	3.4	0.7	-0.5	-0.5	-0.6	-0.3	0.5	0.2	-2.5	4.4	0.1
Oct 31	0	0.4	0.4	0.3	0.1	0.1	0.5	1.1	2.1	3.6	4.6	6.7	7.3	8.4	8.4	8	7.6	6.4	5.8	5.8	5.5	5.3	5.6	5.8	0.0	8.4	4.2
Diurnal Maximum	10.0	9.7	8.3	8.9	9.9	9.3	9.4	10.2	11.8	14.1	16.8	17.0	18.5	20.4	21.7	22.3	22.5	20.7	17.7	15.1	13.8	11.7	11.2	10.8			
Diurnal Average	3.5	3.1	2.8	2.5	2.2	1.9	1.7	1.7	2.5	3.8	5.2	6.6	7.6	8.4	9.0	9.1	8.8	7.8	6.4	5.5	4.9	4.4	3.9	3.7			

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

842-B Station - October 2025

Summary of Hourly Averages

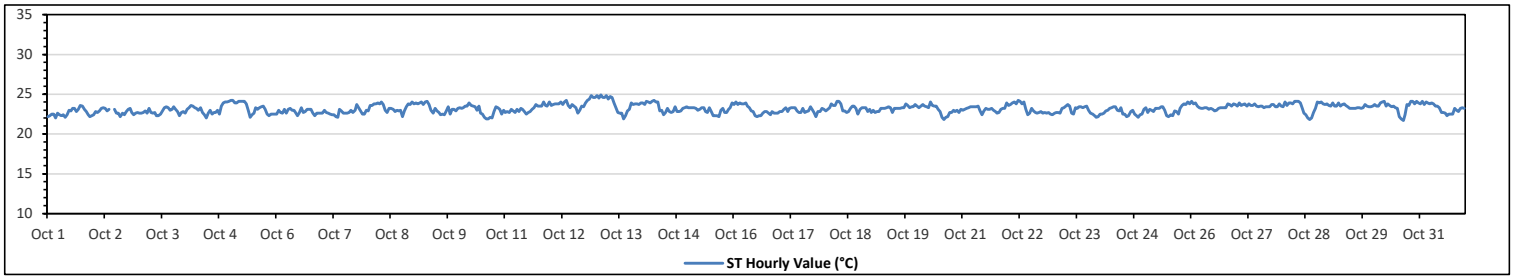
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	24.9	°C	on Oct 13 at hr 2	Hours in Service:	744
Maximum Daily Value:	23.8	°C	on Oct 12	Hours of Data:	742
Minimum Hourly Value:	21.7	°C	on Oct 30 at hr 15	Hours of Missing Data:	2
Minimum Daily Value:	22.7	°C	on Oct 1	Hours of Calibration:	0
Monthly Average:	23.2	°C		Operational Uptime:	99.7

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			
Oct 1	22.2	22.3	22.5	22.5	22.0	22.6	22.4	22.3	22.4	22.1	22.4	23.0	22.9	23.2	23.2	22.8	23.1	23.6	23.5	23.1	22.8	22.4	22.2	22.3	22.0	23.6	**22.7**
Oct 2	22.4	22.8	22.7	22.9	23.2	23.3	23.2	22.9	23.1	K	K	23.1	22.6	22.6	22.2	22.6	22.4	22.8	23.1	23.2	22.7	22.4	22.6	22.7	22.2	23.3	22.8
Oct 3	22.6	22.6	22.7	22.9	22.6	23.2	22.7	22.6	22.7	22.3	22.3	22.5	22.9	23.3	23.4	23.3	23.0	23.1	23.4	23.1	22.8	22.3	22.7	22.8	22.3	23.4	22.8
Oct 4	22.6	23.1	23.3	23.6	23.5	23.3	23.2	23.0	23.3	22.7	22.4	22.0	22.6	23.0	22.5	22.7	22.7	23.0	22.5	23.5	23.9	24.0	24.0	24.1	22.0	24.1	23.1
Oct 5	24.2	24.2	23.9	23.9	24.1	24.1	24.1	24.1	23.8	23.0	22.1	22.4	22.6	23.3	23.1	23.3	23.4	23.5	23.1	22.5	22.3	22.5	22.5	22.5	22.1	24.2	23.3
Oct 6	22.5	23.0	22.7	22.6	23.1	22.6	23.1	23.2	23.0	23.0	22.6	22.3	22.7	23.3	22.7	22.8	23.1	23.1	23.1	22.6	22.3	22.6	22.6	22.6	22.3	23.3	22.8
Oct 7	22.6	23.0	22.7	22.6	22.5	22.4	22.4	22.2	22.1	23.1	22.9	22.6	22.6	22.6	22.7	23.0	22.7	23.0	23.7	23.3	22.9	22.5	22.5	23.0	22.1	23.7	22.7
Oct 8	22.9	23.6	23.6	23.8	23.8	23.9	23.8	24.0	23.7	23.0	22.7	23.2	23.2	23.1	22.8	23.0	22.9	23.0	22.2	22.9	23.4	23.8	23.7	24.0	22.2	24.0	23.3
Oct 9	23.8	23.9	23.8	23.9	24.0	23.7	24.0	24.1	23.7	23.0	22.6	23.2	22.9	22.7	22.4	22.5	22.4	22.9	23.4	22.5	23.1	23.1	22.9	23.2	22.4	24.1	23.2
Oct 10	23.3	23.2	23.3	23.5	23.5	23.9	23.6	23.5	23.4	23.0	23.5	22.6	22.5	22.1	21.9	21.9	22.1	22.0	22.8	23.4	23.3	23.1	22.5	23.0	21.9	23.9	23.0
Oct 11	22.7	22.8	22.7	23.1	22.9	22.7	23.1	22.8	23.2	23.1	22.8	22.5	22.7	22.8	23.1	23.3	23.7	23.5	23.5	23.5	24.0	23.6	23.5	24.0	22.5	24.0	23.2
Oct 12	23.6	23.7	23.8	23.8	23.8	24.0	23.7	24.0	24.2	23.6	23.3	23.7	23.5	23.3	22.6	23.0	23.5	23.4	23.9	24.2	24.4	24.8	24.6	24.6	22.6	24.8	**23.8**
Oct 13	24.8	24.5	**24.9**	24.6	24.6	24.8	24.4	24.7	24.6	23.9	23.3	22.7	22.6	22.6	21.9	22.3	22.9	23.1	23.9	23.7	23.8	23.8	23.7	23.9	21.9	**24.9**	23.8
Oct 14	23.9	23.7	24.1	24.0	23.9	24.1	24.2	24.0	24.0	22.9	23.0	22.4	22.7	23.2	22.8	22.7	22.8	23.4	22.8	22.8	22.9	23.2	23.3	23.4	22.4	24.2	23.3
Oct 15	23.3	23.3	23.3	23.3	23.2	23.0	23.1	23.3	23.3	22.8	22.7	23.3	22.8	22.3	22.3	22.3	22.2	23.0	23.2	22.7	22.7	23.1	23.3	23.9	22.2	23.9	23.0
Oct 16	23.7	24.0	23.7	23.9	23.8	23.8	23.9	23.5	23.3	22.9	22.8	22.3	22.2	22.3	22.3	22.6	22.8	22.8	22.6	22.4	22.8	22.6	22.6	22.6	22.2	24.0	23.0
Oct 17	22.8	22.8	23.1	23.3	22.8	23.2	23.3	23.3	23.3	22.9	22.7	22.7	23.2	22.7	22.8	22.9	23.4	23.1	22.7	22.2	22.8	22.8	23.2	23.1	22.2	23.4	23.0
Oct 18	22.9	23.1	23.3	23.8	23.6	23.6	24.1	24.1	23.8	22.9	22.9	22.7	22.8	23.2	23.5	23.5	23.2	22.5	23.1	23.3	23.3	23.3	22.8	23.1	22.5	24.1	23.3
Oct 19	22.7	23.0	22.7	22.8	22.8	23.2	23.2	23.2	23.3	23.4	23.3	22.7	23.2	23.2	23.2	23.2	23.3	23.3	23.8	23.6	23.3	23.4	23.4	23.7	22.7	23.8	23.2
Oct 20	23.5	23.3	23.5	23.7	23.5	23.4	23.3	24.0	23.6	23.5	23.5	23.1	22.8	22.1	21.8	22.1	22.2	22.7	22.7	23.0	22.8	23.0	22.7	23.1	21.8	24.0	23.0
Oct 21	23.0	23.1	23.2	23.3	23.4	23.4	23.4	23.4	23.5	22.9	22.4	22.9	23.2	23.1	23.1	23.2	23.0	22.8	22.6	22.7	23.1	23.2	23.2	23.9	22.4	23.9	23.1
Oct 22	23.6	23.7	23.9	24.0	23.8	24.2	24.1	23.8	24.0	23.1	22.4	22.6	23.2	22.9	22.7	22.6	22.7	22.8	22.6	22.7	22.6	22.7	22.5	22.4	22.4	24.2	23.2
Oct 23	22.6	22.7	22.7	22.6	23.2	23.3	23.5	23.7	23.5	22.6	22.5	23.3	23.2	23.4	23.4	23.3	23.4	23.5	23.0	22.6	22.5	22.3	22.1	22.2	22.1	23.7	23.0
Oct 24	22.5	22.5	22.6	22.9	23.0	23.2	23.3	23.4	23.4	23.0	22.9	23.3	22.5	22.5	22.2	22.3	22.8	23.0	22.5	22.3	22.1	22.4	22.5	23.1	22.1	23.4	22.8
Oct 25	23.3	22.7	23.1	23.0	22.8	23.2	23.2	23.2	23.4	23.4	23.0	22.3	22.2	22.4	22.3	22.9	22.8	22.5	23.2	23.6	23.8	23.7	24.0	23.8	22.2	24.0	23.1
Oct 26	24.1	23.8	23.9	23.5	23.3	23.2	23.2	23.3	23.3	23.1	23.2	23.1	22.9	23.0	23.2	23.3	23.3	23.3	23.3	23.8	23.7	23.5	23.8	23.7	22.9	24.1	23.4
Oct 27	23.5	23.9	23.6	23.7	23.8	23.5	23.8	23.6	23.6	23.8	23.5	23.4	23.5	23.5	23.3	23.4	23.4	23.4	23.7	23.7	23.4	23.4	23.8	23.5	23.3	23.9	23.6
Oct 28	23.4	24.0	23.6	23.9	23.9	23.8	24.1	24.1	24.1	23.9	23.2	22.6	22.4	22.0	21.8	22.0	22.7	23.2	24.0	23.9	24.0	23.8	23.7	23.8	21.8	24.1	23.4
Oct 29	23.6	23.5	23.9	23.5	23.5	23.9	23.5	23.7	23.8	23.6	23.4	23.2	23.2	23.2	23.2	23.3	23.3	23.2	23.3	23.7	23.5	23.4	23.4	23.5	23.2	23.9	23.5
Oct 30	23.7	23.5	23.5	23.9	24.0	24.1	23.5	23.8	23.6	23.4	23.5	23.3	23.2	22.2	21.9	**21.7**	22.4	23.7	23.6	24.1	24.1	23.8	24.1	23.9	**21.7**	24.1	23.4
Oct 31	23.8	24.1	23.7	24.0	23.9	23.8	23.9	23.8	23.5	23.5	23.3	22.7	22.7	22.6	22.3	22.5	22.5	22.5	23.2	23.0	22.8	23.2	23.3	23.2	22.3	24.1	23.2
Diurnal Maximum	24.8	24.5	24.9	24.6	24.6	24.8	24.4	24.7	24.6	23.9	23.5	23.7	23.5	23.5	23.5	23.5	23.7	23.7	24.0	24.2	24.4	24.8	24.6	24.6			
Diurnal Average	23.2	23.3	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.1	22.9	22.8	22.8	22.8	22.7	22.8	22.9	23.1	23.2	23.1	23.2	23.2	23.2	23.3			

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

842-B Station - October 2025

Summary of Hourly Averages

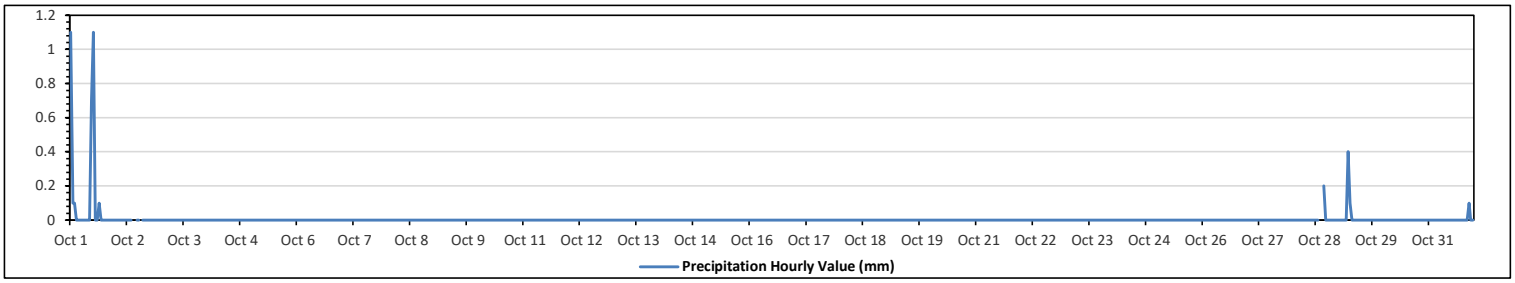
PRECIPITATION in mm

Maximum Hourly Value:	1.1	mm	on Oct 1 at hr 0	Hours in Service:	744
Maximum Daily Value:	3.2	mm	on Oct 1	Hours of Data:	739
Minimum Hourly Value:	0.0	mm	on Oct 1 at hr 3	Hours of Missing Data:	4
Minimum Daily Value:	0.0	mm	on Oct 2	Hours of Calibration:	1
Monthly Total:	4.0	mm		Operational Uptime:	99.5

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
Oct 1	**1.1**	0.1	0.1	0	0	0	0	0	0	0	0	0.7	**1.1**	0	0	0.1	0	0	0	0	0	0	0	0	0.0	**1.1**	**3.2**
Oct 2	0	0	0	0	0	0	0	0	0	**K**	**K**	0	0	**C**	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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	0.0
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**NRM**	**NRM**	0.2	0	0	0	0	0	0	0	0.0	0.2	0.2
Oct 29	0	0	0	0	0	0.4	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.4	0.5
Oct 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 31	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	0.1	0.1
Diurnal Maximum	1.1	0.1	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.7	1.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1	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	**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 - October 2025

Summary of Hourly Averages

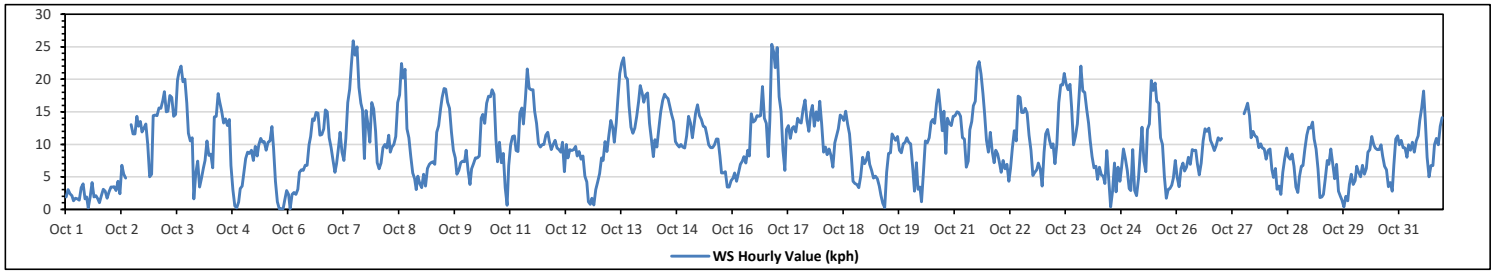
VECTOR WIND SPEED (VWS) in km/hr

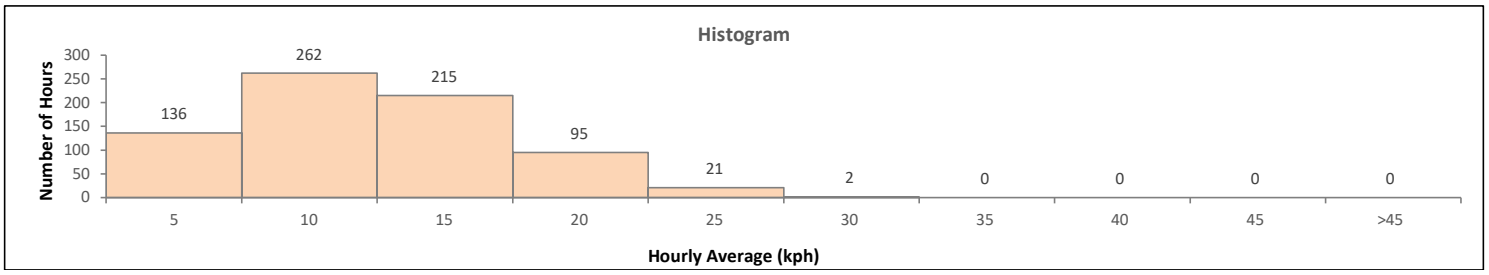
Maximum Hourly Value:	25.9	kph	on Oct 7 at hr 11	Hours in Service:	744	
Maximum Daily Value:	14.8	kph	on Oct 3	Hours of Data:	731	
Minimum Hourly Value:	0.1	kph	on Oct 5 at hr 19	Hours of Missing Data:	13	
Minimum Daily Value:	2.1	kph	on Oct 1	Hours of Calibration:	0	
Monthly Average:	4.8	kph		Operational Uptime:	98.3	

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			
Oct 1	1.9	3.0	2.4	2.1	1.3	1.7	1.6	1.4	3.3	3.9	1.6	1.9	0.2	1.9	4.1	1.9	2.1	1.6	1.0	2.1	3.1	2.8	1.7	2.7	0.2	4.1	**2.1**
Oct 2	3.4	3.4	3.5	2.9	4.3	2.4	6.8	5.4	4.8	K	K	13.0	11.6	11.6	14.3	12.8	13.5	11.9	12.5	13.1	9.9	5.0	5.4	14.4	2.4	14.4	8.5
Oct 3	14.5	14.4	15.6	15.5	16.7	18.1	15.0	15.1	17.5	17.2	14.3	14.6	19.9	21.2	22.0	19.6	20.0	16.3	11.7	10.5	11.0	1.6	5.5	7.4	1.6	22.0	**14.8**
Oct 4	3.4	4.8	6.4	7.5	10.5	8.3	8.5	6.4	14.2	14.3	17.8	16.5	15.1	13.3	13.9	12.9	13.8	6.7	3.0	0.5	0.2	1.1	3.2	3.6	0.2	17.8	8.6
Oct 5	5.9	7.8	8.8	8.6	9.1	7.5	9.7	8.2	9.9	10.9	10.3	10.4	9.1	10.3	10.5	12.7	9.5	4.3	1.2	**0.1**	**0.1**	**0.1**	1.4	2.9	**0.1**	12.7	7.1
Oct 6	2.3	**0.1**	2.3	2.6	2.3	3.1	5.7	6.1	6.0	6.8	6.8	9.9	11.2	13.9	13.7	14.9	14.8	11.4	11.5	12.4	15.3	15.0	11.0	9.5	**0.1**	15.3	8.7
Oct 7	7.5	5.7	7.0	9.5	11.8	8.8	7.5	10.9	16.4	18.5	22.0	**25.9**	23.7	25.0	18.7	16.3	15.3	7.8	15.2	13.1	10.3	16.4	15.4	12.0	5.7	**25.9**	14.2
Oct 8	7.2	6.2	7.1	9.5	10.0	9.4	11.4	8.8	9.6	10.0	11.2	16.4	17.6	22.4	20.2	21.5	12.4	11.0	8.1	5.6	4.7	3.0	5.1	4.0	3.0	22.4	10.5
Oct 9	3.3	5.4	3.6	6.3	6.9	7.2	7.3	6.9	11.8	12.9	15.4	17.2	18.6	18.5	16.5	15.5	11.9	9.1	7.9	5.4	6.0	7.2	7.4	7.3	3.3	18.6	9.8
Oct 10	9.1	6.0	3.8	6.2	7.0	7.9	7.9	8.2	14.0	14.6	13.2	16.3	17.4	17.3	18.4	17.7	10.8	7.3	10.3	7.2	8.6	3.3	0.6	6.7	0.6	18.4	10.0
Oct 11	9.9	11.2	11.3	9.0	8.9	14.8	15.6	13.1	16.9	21.6	18.6	18.4	18.4	15.1	13.2	10.1	9.6	9.9	10.0	11.4	11.8	10.4	9.2	10.0	8.9	21.6	12.9
Oct 12	10.6	9.4	9.2	8.8	10.3	5.8	10.0	7.9	9.2	9.0	9.2	9.7	8.2	8.9	7.7	8.2	5.1	4.2	1.2	0.8	1.7	0.7	3.0	4.2	0.7	10.6	6.8
Oct 13	5.5	7.9	7.5	10.4	8.9	11.4	13.7	12.6	10.3	13.3	16.9	20.9	22.5	23.3	20.4	20.0	15.9	12.6	11.7	12.5	14.3	16.6	19.0	17.9	5.5	23.3	14.4
Oct 14	16.5	17.6	17.9	13.2	10.7	8.1	10.7	9.6	12.4	15.0	16.7	17.7	17.3	17.0	15.9	14.6	13.5	10.4	9.9	9.6	10.0	9.6	9.4	11.3	8.1	17.9	13.1
Oct 15	14.3	13.3	11.0	12.9	14.8	16.1	14.4	13.8	12.8	12.6	11.5	9.9	9.5	9.5	9.9	10.8	10.8	8.2	5.6	5.6	5.8	3.4	3.4	4.4	3.4	16.1	10.2
Oct 16	4.8	5.6	4.3	5.6	6.9	7.4	8.1	7.1	9.1	8.2	14.7	13.4	13.7	14.4	14.3	14.4	18.9	14.0	13.2	8.1	13.7	25.4	24.2	21.8	4.3	25.4	12.1
Oct 17	24.9	17.3	15.1	9.1	6.0	12.3	12.9	10.9	12.5	12.7	11.9	14.0	13.4	13.3	15.4	16.8	13.7	12.0	14.9	16.0	12.8	15.0	13.7	16.6	6.0	24.9	13.9
Oct 18	13.1	8.8	9.6	8.4	9.3	8.3	6.5	10.2	11.4	12.4	14.5	14.2	13.7	15.1	13.1	11.6	7.9	4.3	4.0	3.8	3.3	5.1	8.0	7.0	3.3	15.1	9.3
Oct 19	7.5	8.8	6.9	6.0	4.8	5.1	4.7	3.6	2.2	0.9	0.3	5.7	8.6	8.7	11.6	11.0	10.6	11.2	9.1	8.7	10.1	10.3	11.0	10.3	0.3	11.6	7.4
Oct 20	10.1	6.7	2.8	7.2	3.1	3.4	1.2	5.7	10.5	10.2	11.0	13.4	13.8	13.2	16.3	18.4	15.4	12.1	15.1	8.6	14.0	13.2	12.9	14.3	1.2	18.4	10.5
Oct 21	14.4	15.0	14.9	14.3	11.0	10.8	6.5	7.4	12.2	13.5	15.9	16.6	21.8	22.7	20.8	17.8	14.8	10.6	8.8	11.8	8.9	7.2	9.1	8.5	6.5	22.7	13.1
Oct 22	7.3	5.7	7.5	6.2	6.9	4.3	6.2	9.5	12.1	10.5	17.4	17.2	14.9	14.9	15.5	14.8	11.4	9.1	5.2	5.7	6.1	7.1	6.2	3.6	3.6	17.4	9.4
Oct 23	8.8	11.6	12.3	10.6	9.5	10.1	7.0	10.1	16.4	19.1	19.1	20.9	19.3	18.4	19.2	15.7	9.9	11.2	13.1	17.1	22.0	18.2	18.0	15.4	7.0	22.0	14.7
Oct 24	13.3	10.6	8.1	6.4	6.6	4.6	6.5	5.3	5.1	4.0	9.0	4.7	0.4	2.8	7.1	2.7	6.5	4.3	6.4	9.3	7.8	6.0	3.2	2.9	0.4	13.3	6.0
Oct 25	9.2	2.9	2.1	4.7	9.1	12.6	7.4	5.8	12.3	13.1	19.8	18.3	19.4	16.6	16.3	11.0	10.0	5.0	1.7	3.1	3.2	3.7	4.8	7.5	1.7	19.8	9.2
Oct 26	4.9	3.5	6.3	7.1	5.9	6.5	8.0	6.9	9.2	9.0	9.1	7.0	5.3	7.1	10.5	12.4	12.0	12.5	10.6	9.9	9.0	9.8	11.0	10.6	3.5	12.5	8.5
Oct 27	10.9	X	X	X	X	X	X	X	X	X	X	X	14.7	15.5	16.3	14.4	11.0	12.0	11.3	11.1	9.5	10.1	9.4	9.3	9.3	16.3	NA
Oct 28	7.7	9.0	9.3	6.1	4.9	6.3	3.1	3.6	2.3	5.7	7.8	9.4	8.1	7.7	8.5	6.6	3.4	2.6	5.0	6.6	6.7	9.3	11.4	12.6	2.3	12.6	6.8
Oct 29	12.5	13.4	10.8	9.3	6.2	1.8	1.9	2.3	4.8	7.5	6.9	9.3	7.0	4.7	6.9	2.8	2.0	1.4	0.4	2.0	1.3	3.8	5.4	3.8	0.4	13.4	5.3
Oct 30	4.4	6.6	5.7	5.0	6.8	5.4	6.3	8.8	9.2	11.2	10.0	9.4	9.2	9.2	9.9	8.2	6.6	6.1	3.5	4.1	2.8	6.8	10.8	11.3	2.8	11.3	7.4
Oct 31	9.9	10.6	9.5	9.4	8.0	9.9	9.1	10.3	8.8	10.5	11.3	13.7	15.6	18.2	14.0	8.0	5.0	6.7	6.7	9.9	10.9	9.9	12.8	14.1	5.0	18.2	10.5
Diurnal Maximum	24.9	17.6	17.9	15.5	16.7	18.1	15.6	15.1	17.5	21.6	22.0	25.9	23.7	25.0	22.0	21.5	20.0	16.3	15.2	17.1	22.0	25.4	24.2	21.8			
Diurnal Average	9.0	8.4	8.1	8.0	8.0	8.0	8.0	8.1	10.2	11.3	12.6	13.5	13.5	13.9	14.0	12.8	10.9	8.6	8.1	7.9	8.2	8.3	8.8	9.3			

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

842-B Station - October 2025

Summary of Hourly Averages

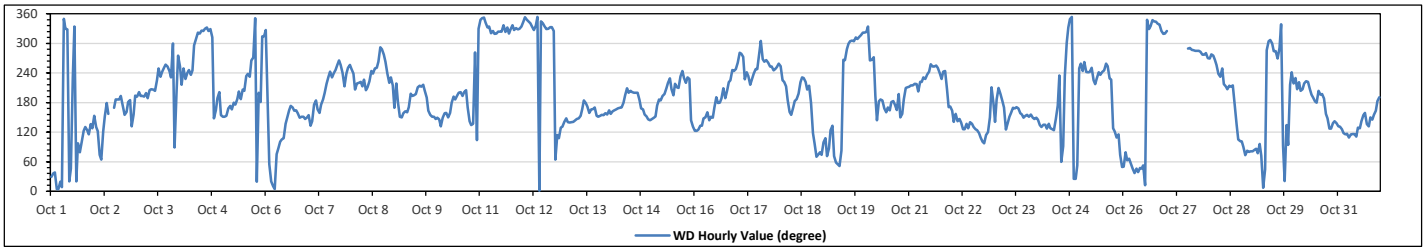
WIND DIRECTION (VWD) in sector

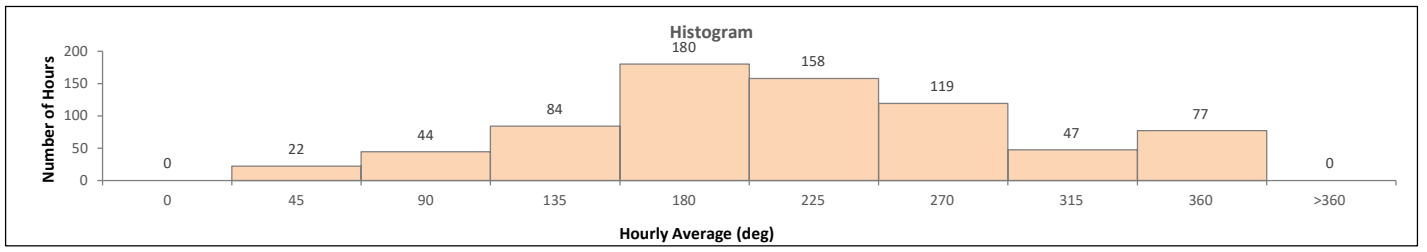
Monthly Average:	202 (SSW)	degree	
Hours in Service:	744		
Hours of Data:	731		
Hours of Missing Data:	13		
Hours of Calibration:	0		
Operational Uptime:	98.3		

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
Oct 1	NNE	NE	NE	N	N	NNE	N	N	NNW	NNW	NNE	NE	SW	NNW	NNE	E	ENE	E	ESE	SE	ESE	ESE	SE	SE	44	NE
Oct 2	SSE	SE	ESE	ENE	ENE	ESE	SSE	S	SSE	K	K	SSE	S	S	S	S	S	SSE	SSE	S	S	SE	SSE	SSW	170	SSE
Oct 3	S	SSW	S	S	S	SSW	S	SSW	SSW	SSW	SSW	SW	WSW	SW	WSW	WSW	WSW	WSW	WSW	SW	WNW	E	SSW	W	222	SW
Oct 4	WSW	SW	WSW	SW	WSW	WSW	SW	WSW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NW	SE	SSE	S	SSW	SSE	298	WNW
Oct 5	SSE	SSE	SSE	SSE	S	SSE	S	S	S	SSW	S	SSW	SSW	SW	SW	SW	W	W	N	NNE	SSW	S	NW	NW	199	SSW
Oct 6	NW	SSW	NE	NNE	N	N	ENE	E	E	ESE	ESE	SE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	145	SE
Oct 7	SSE	SE	SE	S	S	SSE	SSE	S	S	SSW	SW	SW	WSW	SW	WSW	WSW	WSW	W	WSW	WSW	SSW	WSW	WSW	WSW	222	SW
Oct 8	WSW	WSW	SSW	SW	SW	SW	SSW	SW	SSW	SSW	SW	WSW	WSW	WSW	WSW	W	WNW	WNW	W	W	WSW	SW	SW	SSW	241	WSW
Oct 9	SSE	SW	S	SSE	SSE	SSE	SSE	SSE	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SW	SSW	S	SSE	SSE	SSE	SSE	SE	188	S
Oct 10	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	S	SSW	SSW	SSE	SE	SE	SE	W	ESE	NNW	179	S
Oct 11	NNW	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	330	NNW
Oct 12	NNW	N	NNW	NNW	NNW	NNW	NW	NNW	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	ENE	ESE	ESE	SE	SE	SE	343	NNW
Oct 13	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	159	SSE
Oct 14	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SSE	SSE	SE	SE	179	S
Oct 15	SE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	SSW	SSW	SW	SSW	SSW	SW	WSW	SW	SW	SW	SW	SE	SE	196	SSW
Oct 16	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	S	S	S	S	SSW	S	SSW	SW	SW	WSW	WSW	WSW	193	S
Oct 17	W	W	W	W	SW	WSW	SW	SW	SW	WSW	WSW	WSW	W	WNW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	257	WSW
Oct 18	WSW	SW	SW	SSW	S	SSE	SSE	SSE	S	S	SSW	SW	SW	SW	SW	SSW	SSW	S	ESE	E	ENE	ENE	ENE	ENE	198	SSW
Oct 19	E	ESE	ENE	E	ESE	SE	ENE	ENE	NE	NE	E	W	W	WNW	WNW	WNW	NW	WNW	NW	NW	NW	NW	NW	NW	321	NW
Oct 20	NW	NNW	W	W	W	S	SE	S	S	S	SSE	SSE	SSE	SSE	S	S	S	SSE	SSW	SSE	SSE	S	SSW	SSW	185	S
Oct 21	SSW	SSW	SSW	SW	SW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	SSW	S	S	232	SW
Oct 22	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	E	E	ESE	ESE	SSE	SSW	S	132	SE
Oct 23	SE	S	SSW	SSW	S	SSE	SE	SE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	161	SSE
Oct 24	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	SE	S	SW	ENE	E	SW	WNW	NNW	NNW	N	NNE	NNE	NE	WSW	113	ESE
Oct 25	WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	SW	SW	SE	ESE	ESE	ESE	ENE	NE	238	SW
Oct 26	NE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	6	N
Oct 27	NW	X	X	X	X	X	X	X	X	X	X	X	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	NA	NA
Oct 28	W	W	W	W	WSW	SW	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	S	SE	ESE	E	E	E	ENE	E	E	E	189	S
Oct 29	E	E	E	ENE	E	ENE	N	NE	WNW	WNW	NW	WNW	WNW	WNW	W	WNW	NNW	E	NNE	SE	E	SW	WSW	SW	12	NNE
Oct 30	SW	SSW	SW	SSW	SSW	SW	SW	SW	SSW	SSW	S	S	S	SSW	SSW	SSW	S	SSE	SE	SE	SE	SE	SE	SE	187	S
Oct 31	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	S	S	137	SE

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)			

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 - October 2025

Summary of Hourly Averages

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

WIND SPEED

Maximum Hourly Value:	25.9	kph	on Oct 7 at hr 11	Hours in Service:	744
Maximum Daily Value:	14.8	kph	on Oct 3	Hours of Data:	731
Minimum Hourly Value:	0.1	kph	on Oct 5 at hr 19	Hours of Missing Data:	13
Minimum Daily Value:	2.1	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	4.8	kph		Operational Uptime:	98.3

WIND DIRECTION

Monthly Average: 202 degree (SSW)

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			
Oct 1	1.9	3.0	2.4	2.1	1.3	1.7	1.6	1.4	3.3	3.9	1.6	1.9	0.2	1.9	4.1	1.9	2.1	1.6	1.0	2.1	3.1	2.8	1.7	2.7	0.2	4.1	**2.1**
	NNE	NE	NE	N	N	NNE	N	N	NNW	NNW	NNE	NE	SW	NNW	NNE	E	ENE	E	ESE	SE	ESE	ESE	SE	SE			44(NE)
Oct 2	3.4	3.4	3.5	2.9	4.3	2.4	6.8	5.4	4.8	K	K	13.0	11.6	11.6	14.3	12.8	13.5	11.9	12.5	13.1	9.9	5.0	5.4	14.4	2.4	14.4	8.5
	SSE	SE	ESE	ENE	ENE	ESE	SSE	S	SSE	K	K	SSE	S	S	S	S	S	SSE	SSE	S	S	SE	SSE	SSW			170(SSE)
Oct 3	14.5	14.4	15.6	15.5	16.7	18.1	15.0	15.1	17.5	17.2	14.3	14.6	19.9	21.2	22.0	19.6	20.0	16.3	11.7	10.5	11.0	1.6	5.5	7.4	1.6	22.0	**14.8**
	S	SSW	S	S	S	SSW	S	SSW	SSW	SSW	SSW	SW	WSW	SW	WSW	WSW	WSW	WSW	WSW	SW	WNW	E	SSW	W			222(SW)
Oct 4	3.4	4.8	6.4	7.5	10.5	8.3	8.5	6.4	14.2	14.3	17.8	16.5	15.1	13.3	13.9	12.9	13.8	6.7	3.0	0.5	0.2	1.1	3.2	3.6	0.2	17.8	8.6
	WSW	SW	WSW	SW	WSW	WSW	SW	WSW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NW	SE	SSE	S	SSW	SSE			298(WNW)
Oct 5	5.9	7.8	8.8	8.6	9.1	7.5	9.7	8.2	9.9	10.9	10.3	10.4	9.1	10.3	10.5	12.7	9.5	4.3	1.2	**0.1**	**0.1**	**0.1**	1.4	2.9	**0.1**	12.7	7.1
	SSE	SSE	SSE	SSE	S	SSE	S	S	S	SSW	S	SSW	SSW	SW	SW	SW	W	W	N	NNE	SSW	S	NW	NW			199(SSW)
Oct 6	2.3	**0.1**	2.3	2.6	2.3	3.1	5.7	6.1	6.0	6.8	6.8	9.9	11.2	13.9	13.7	14.9	14.8	11.4	11.5	12.4	15.3	15.0	11.0	9.5	**0.1**	15.3	8.7
	NW	SSW	NE	NNE	N	N	ENE	E	E	ESE	ESE	SE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE			145(SE)
Oct 7	7.5	5.7	7.0	9.5	11.8	8.8	7.5	10.9	16.4	18.5	22.0	**25.9**	23.7	25.0	18.7	16.3	15.3	7.8	15.2	13.1	10.3	16.4	15.4	12.0	5.7	**25.9**	14.2
	SSE	SE	SE	S	S	SSE	SSE	S	S	SSW	SW	SW	WSW	SW	WSW	WSW	WSW	W	WSW	WSW	SSW	WSW	WSW	WSW			222(SW)
Oct 8	7.2	6.2	7.1	9.5	10.0	9.4	11.4	8.8	9.6	10.0	11.2	16.4	17.6	22.4	20.2	21.5	12.4	11.0	8.1	5.6	4.7	3.0	5.1	4.0	3.0	22.4	10.5
	WSW	WSW	SSW	SW	SW	SW	SSW	SW	SSW	SSW	SW	WSW	WSW	WSW	WSW	W	WNW	WNW	W	W	WSW	SW	SW	SSW			241(WSW)
Oct 9	3.3	5.4	3.6	6.3	6.9	7.2	7.3	6.9	11.8	12.9	15.4	17.2	18.6	18.5	16.5	15.5	11.9	9.1	7.9	5.4	6.0	7.2	7.4	7.3	3.3	18.6	9.8
	SSE	SW	S	SSE	SSE	SSE	SSE	SSE	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SW	SSW	S	SSE	SSE	SSE	SSE	SE			188(S)
Oct 10	9.1	6.0	3.8	6.2	7.0	7.9	7.9	8.2	14.0	14.6	13.2	16.3	17.4	17.3	18.4	17.7	10.8	7.3	10.3	7.2	8.6	3.3	0.6	6.7	0.6	18.4	10.0
	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	S	SSW	SSW	SSE	SE	SE	SE	W	ESE	NNW			179(S)
Oct 11	9.9	11.2	11.3	9.0	8.9	14.8	15.6	13.1	16.9	21.6	18.6	18.4	18.4	15.1	13.2	10.1	9.6	9.9	10.0	11.4	11.8	10.4	9.2	10.0	8.9	21.6	12.9
	NNW	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW			330(NNW)
Oct 12	10.6	9.4	9.2	8.8	10.3	5.8	10.0	7.9	9.2	9.0	9.2	9.7	8.2	8.9	7.7	8.2	5.1	4.2	1.2	0.8	1.7	0.7	3.0	4.2	0.7	10.6	6.8
	NNW	N	NNW	NNW	NNW	NNW	NW	NNW	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	ENE	ESE	ESE	SE	SE	SE			343(NNW)
Oct 13	5.5	7.9	7.5	10.4	8.9	11.4	13.7	12.6	10.3	13.3	16.9	20.9	22.5	23.3	20.4	20.0	15.9	12.6	11.7	12.5	14.3	16.6	19.0	17.9	5.5	23.3	14.4
	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE			159(SSE)
Oct 14	16.5	17.6	17.9	13.2	10.7	8.1	10.7	9.6	12.4	15.0	16.7	17.7	17.3	17.0	15.9	14.6	13.5	10.4	9.9	9.6	10.0	9.6	9.4	11.3	8.1	17.9	13.1
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SSE	SSE	SE	SE			179(S)
Oct 15	14.3	13.3	11.0	12.9	14.8	16.1	14.4	13.8	12.8	12.6	11.5	9.9	9.5	9.5	9.9	10.8	10.8	8.2	5.6	5.6	5.8	3.4	3.4	4.4	3.4	16.1	10.2
	SE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	SSW	SSW	SW	SSW	SSW	SW	WSW	SW	SW	SW	SW	SE	SE			196(SSW)
Oct 16	4.8	5.6	4.3	5.6	6.9	7.4	8.1	7.1	9.1	8.2	14.7	13.4	13.7	14.4	14.3	14.4	18.9	14.0	13.2	8.1	13.7	25.4	24.2	21.8	4.3	25.4	12.1
	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	S	S	S	S	SSW	S	SSW	SW	SW	WSW	WSW	WSW			193(S)
Oct 17	24.9	17.3	15.1	9.1	6.0	12.3	12.9	10.9	12.5	12.7	11.9	14.0	13.4	13.3	15.4	16.8	13.7	12.0	14.9	16.0	12.8	15.0	13.7	16.6	6.0	24.9	13.9
	W	W	W	W	SW	WSW	SW	SW	SW	WSW	WSW	WSW	W	WNW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW			257(WSW)
Oct 18	13.1	8.8	9.6	8.4	9.3	8.3	6.5	10.2	11.4	12.4	14.5	14.2	13.7	15.1	13.1	11.6	7.9	4.3	4.0	3.8	3.3	5.1	8.0	7.0	3.3	15.1	9.3
	WSW	SW	SW	SSW	S	SSE	SSE	SSE	S	S	SSW	SW	SW	SW	SW	SSW	SSW	S	ESE	E	ENE	ENE	ENE	ENE			198(SSW)
Oct 19	7.5	8.8	6.9	6.0	4.8	5.1	4.7	3.6	2.2	0.9	0.3	5.7	8.6	8.7	11.6	11.0	10.6	11.2	9.1	8.7	10.1	10.3	11.0	10.3	0.3	11.6	7.4
	E	ESE	ENE	E	ESE	SE	ENE	ENE	NE	NE	E	W	W	WNW	WNW	WNW	NW	WNW	NW	NW	NW	NW	NW	NW			321(NW)
Oct 20	10.1	6.7	2.8	7.2	3.1	3.4	1.2	5.7	10.5	10.2	11.0	13.4	13.8	13.2	16.3	18.4	15.4	12.1	15.1	8.6	14.0	13.2	12.9	14.3	1.2	18.4	10.5
	NW	NNW	W	W	W	S	SE	S	S	S	SSE	SSE	SSE	SSE	S	S	S	SSE	SSW	SSE	SSE	S	SSW	SSW			185(S)
Oct 21	14.4	15.0	14.9	14.3	11.0	10.8	6.5	7.4	12.2	13.5	15.9	16.6	21.8	22.7	20.8	17.8	14.8	10.6	8.8	11.8	8.9	7.2	9.1	8.5	6.5	22.7	13.1
	SSW	SSW	SSW	SW	SW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	SSW	S	S			232(SW)
Oct 22	7.3	5.7	7.5	6.2	6.9	4.3	6.2	9.5	12.1	10.5	17.4	17.2	14.9	14.9	15.5	14.8	11.4	9.1	5.2	5.7	6.1	7.1	6.2	3.6	3.6	17.4	9.4
	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	E	E	ESE	ESE	SSE	SSW	S			132(SE)
Oct 23	8.8	11.6	12.3	10.6	9.5	10.1	7.0	10.1	16.4	19.1	19.1	20.9	19.3	18.4	19.2	15.7	9.9	11.2	13.1	17.1	22.0	18.2	18.0	15.4	7.0	22.0	14.7
	SE	S	SSW	SSW	S	SSE	SE	SE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE			161(SSE)
Oct 24	13.3	10.6	8.1	6.4	6.6	4.6	6.5	5.3	5.1	4.0	9.0	4.7	0.4	2.8	7.1	2.7	6.5	4.3	6.4	9.3	7.8	6.0	3.2	2.9	0.4	13.3	6.0
	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	SE	S	SW	ENE	E	SW	WNW	NNW	NNW	N	NNE	NNE	NE	WSW			113(ESE)
Oct 25	9.2	2.9	2.1	4.7	9.1	12.6	7.4	5.8	12.3	13.1	19.8	18.3	19.4	16.6	16.3	11.0	10.0	5.0	1.7	3.1	3.2	3.7	4.8	7.5	1.7	19.8	9.2
	WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	SW	SW	SE	ESE	ESE	ESE	ENE	NE			238(SW)
Oct 26	4.9	3.5	6.3	7.1	5.9	6.5	8.0	6.9	9.2	9.0	9.1	7.0	5.3	7.1	10.5	12.4	12.0	12.5	10.6	9.9	9.0	9.8	11.0	10.6	3.5	12.5	8.5
	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW			6(N)
Oct 27	10.9	X	X	X	X	X	X	X	X	X	X	X	14.7	15.5	16.3	14.4	11.0	12.0	11.3	11.1	9.5	10.1	9.4	9.3	9.3	16.3	NA
	NW	X	X	X	X	X	X	X	X	X	X	X	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W			NA(NA)
Oct 28	7.7	9.0	9.3	6.1	4.9	6.3	3.1	3.6	2.3	5.7	7.8	9.4	8.1	7.7	8.5	6.6	3.4	2.6	5.0	6.6	6.7	9.3	11.4	12.6	2.3	12.6	6.8
	W	W	W	W	WSW	SW	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	S	SE	ESE	E	E	E	ENE	E	E	E			189(S)
Oct 29	12.5	13.4	10.8	9.3	6.2	1.8	1.9	2.3	4.8	7.5	6.9	9.3	7.0	4.7	6.9	2.8	2.0	1.4	0.4	2.0	1.3	3.8	5.4	3.8	0.4	13.4	5.3
	E	E	E	ENE	E	ENE	N	NE	WNW	WNW	NW	WNW	WNW	WNW	W	WNW	NNW	E	NNE	SE	E	SW	WSW	SW			12(NNE)
Oct 30	4.4	6.6	5.7	5.0	6.8	5.4	6.3	8.8	9.2	11.2	10.0	9.4	9.2	9.2	9.9	8.2	6.6	6.1	3.5	4.1	2.8	6.8	10.8	11.3	2.8	11.3	7.4
	SW	SSW	SW	SSW	SSW	SW	SW	SW	SSW	SSW	S	S	S	SSW	SSW	SSW	S	SSE	SE	SE	SE	SE	SE	SE			187(S)
Oct 31	9.9	10.6	9.5	9.4	8.0	9.9	9.1	10.3	8.8	10.5	11.3	13.7	15.6	18.2	14.0	8.0	5.0	6.7	6.7	9.9	10.9	9.9	12.8	14.1	5.0	18.2	10.5
	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SE	SE	SSE	SE	SSE	SSE	S	S			137(SE)

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)			

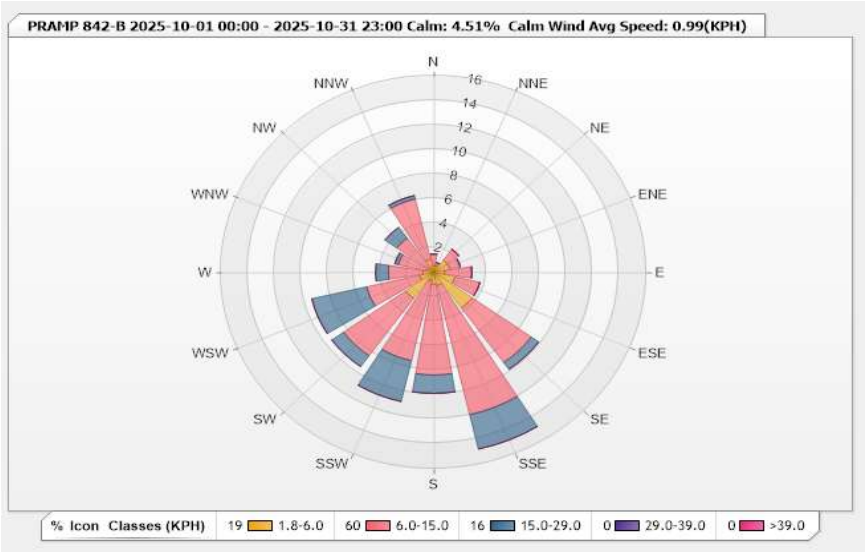
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

Station: PRAMP 842-B Monitor: WDS [KPH] Monthly: 10-2025

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

Calm (WS<1.8kph): 4.51% Valid Data: 98.25%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	0.55	0.96	0	0	0	1.51
NNE	0.55	0.27	0	0	0	0.82
NE	1.23	1.09	0	0	0	2.32
ENE	1.23	0.82	0	0	0	2.05
E	0.82	2.05	0	0	0	2.87
ESE	1.64	1.92	0	0	0	3.56
SE	3.56	5.47	0.68	0	0	9.71
SSE	1.09	10.81	2.87	0	0	14.77
S	0.96	7.39	1.5	0	0	9.85
SSW	0.68	6.7	3.42	0	0	10.8
SW	2.6	5.75	1.09	0	0	9.44
WSW	1.09	4.1	4.24	0	0	9.43
W	0.82	2.6	0.96	0	0	4.38
WNW	0.55	2.19	0.27	0	0	3.01
NW	0.41	3.01	1.09	0	0	4.51
NNW	1.09	5.06	0.27	0	0	6.42
Summary	18.87	60.19	16.39	0	0	95.45



RENO -B STATION

Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO_2) in ppb

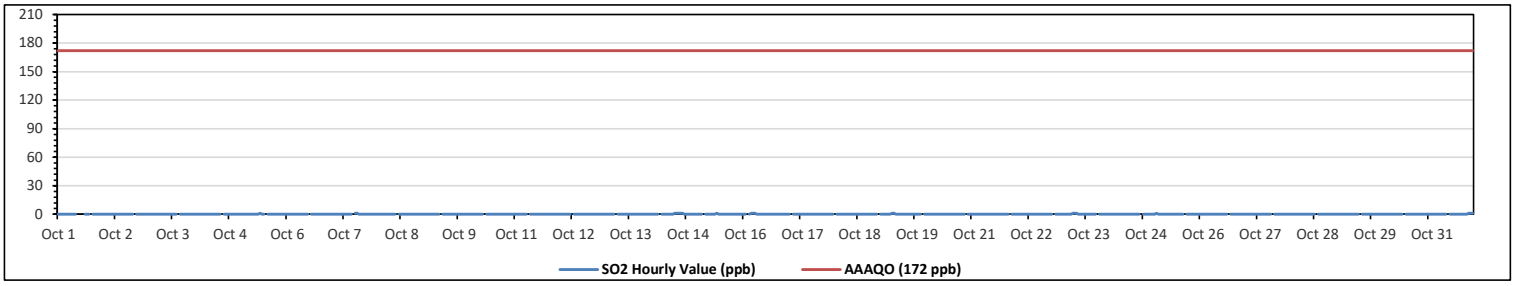
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb

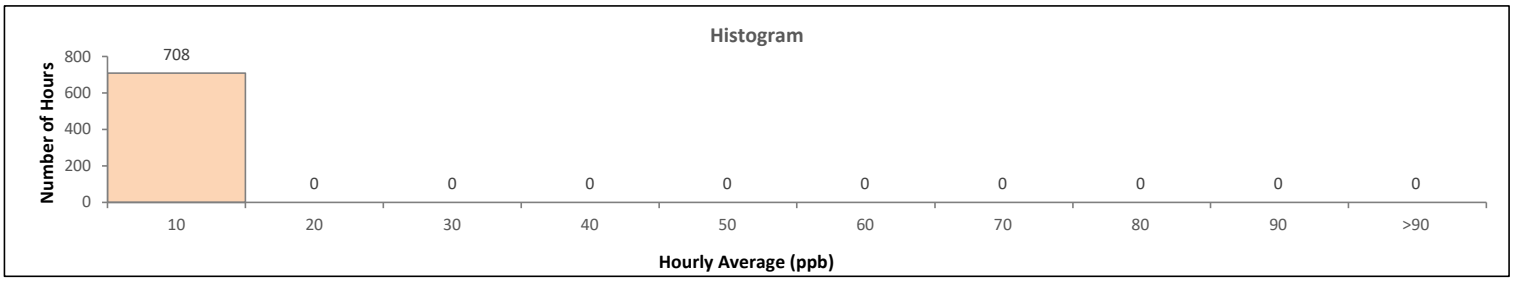
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0	30-Day Exceedence:	0	
Maximum Hourly Value:	1	ppb	on Oct 5 at hr 10	Hours in Service:	744	
Maximum Daily Value:	0.2	ppb	on Oct 14	Hours of Data:	708	
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	ppb	on Oct 1	Hours of Calibration:	36	
Monthly Average:	0.0	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			
Oct 1	0	0	0	0	0	0	0	0	0	0	C	C	C	C	0	0	0	S	0	0	0	0	0	0	0	0	0.0
Oct 2	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
Oct 3	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
Oct 4	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
Oct 5	0	0	0	0	0	0	0	0	0	0	1	0	0	S	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 6	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
Oct 7	0	0	0	0	0	0	0	0	0	0	0	S	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 8	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
Oct 9	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
Oct 10	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
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	0	0	0	0	S	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0.2
Oct 15	0	0	0	S	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 16	0	0	S	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 17	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
Oct 18	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
Oct 19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	1	0.1
Oct 20	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
Oct 21	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
Oct 22	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
Oct 23	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	1	0.1
Oct 24	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
Oct 25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	1	0.0
Oct 26	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
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	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
Oct 31	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0.1
Diurnal Maximum	0	1	0	0	1	1	1	1	0	0	1	0	1	1	1	1	1	0	0	0	0	1	1	1			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	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			

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.



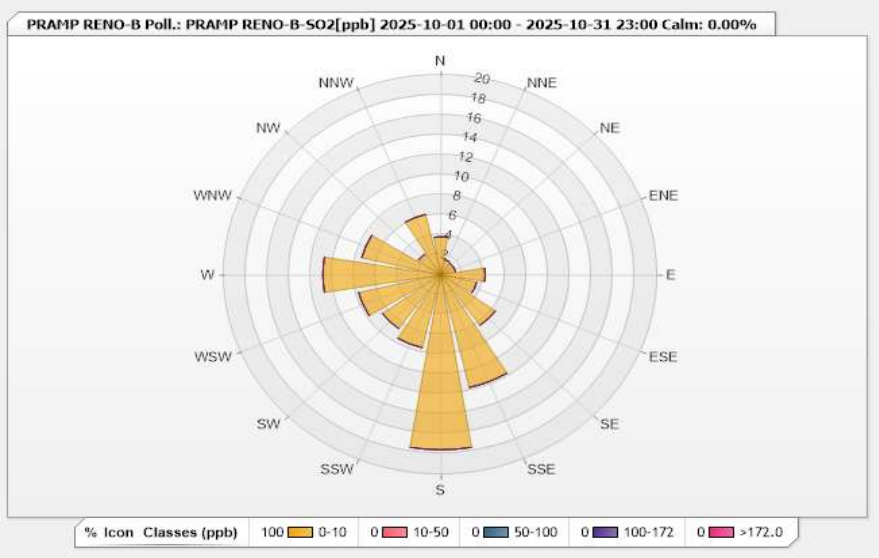


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-SO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	3.81	0	0	0	0	3.81
NNE	1.55	0	0	0	0	1.55
NE	1.41	0	0	0	0	1.41
ENE	1.41	0	0	0	0	1.41
E	4.1	0	0	0	0	4.1
ESE	3.39	0	0	0	0	3.39
SE	6.21	0	0	0	0	6.21
SSE	11.58	0	0	0	0	11.58
S	17.51	0	0	0	0	17.51
SSW	7.49	0	0	0	0	7.49
SW	6.64	0	0	0	0	6.64
WSW	7.77	0	0	0	0	7.77
W	10.88	0	0	0	0	10.88
WNW	7.49	0	0	0	0	7.49
NW	2.54	0	0	0	0	2.54
NNW	6.21	0	0	0	0	6.21
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

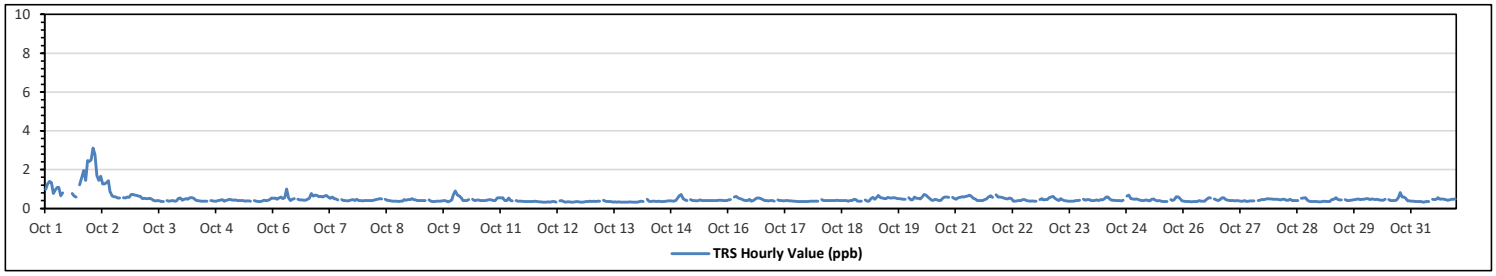
TOTAL REDUCED SULPHUR (TRS) in ppb

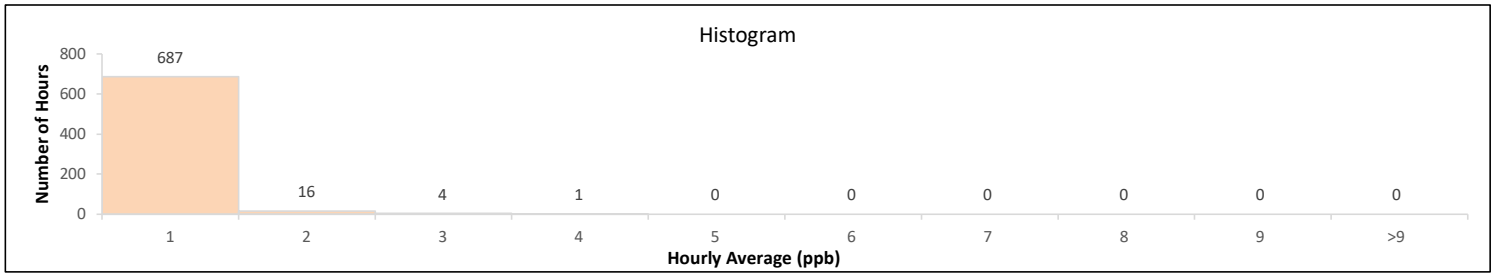
Maximum Hourly Value:	3.11	ppb	on Oct 2 at hr 1	Hours in Service:	744	
Maximum Daily Value:	1.23	ppb	on Oct 1	Hours of Data:	708	
Minimum Hourly Value:	0.32	ppb	on Oct 12 at hr 13	Hours of Missing Data:	0	
Minimum Daily Value:	0.35	ppb	on Oct 12	Hours of Calibration:	36	
Monthly Average:	0.49	ppb		Operational 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			
Oct 1	0.98	1.26	1.39	1.33	0.78	0.95	1.08	1.09	0.65	0.80	C	C	C	C	0.77	0.64	0.60	S	1.21	1.60	1.95	1.44	2.47	2.41	0.60	2.47	**1.23**
Oct 2	2.50	**3.11**	2.77	1.69	1.45	1.66	1.27	1.27	1.33	1.42	0.87	0.63	0.61	0.58	0.54	0.53	S	0.56	0.53	0.60	0.57	0.71	0.71	0.69	0.53	**3.11**	1.16
Oct 3	0.67	0.64	0.62	0.51	0.52	0.50	0.51	0.52	0.48	0.41	0.39	0.40	0.39	0.36	0.36	S	0.42	0.38	0.39	0.40	0.37	0.39	0.52	0.54	0.36	0.67	0.46
Oct 4	0.43	0.47	0.50	0.47	0.55	0.56	0.52	0.43	0.40	0.39	0.37	0.37	0.37	0.37	S	0.42	0.39	0.38	0.38	0.41	0.43	0.46	0.38	0.41	0.37	0.56	0.43
Oct 5	0.44	0.48	0.44	0.43	0.44	0.42	0.41	0.41	0.41	0.38	0.39	0.39	0.38	S	0.41	0.37	0.36	0.36	0.37	0.43	0.41	0.40	0.46	0.54	0.36	0.54	0.41
Oct 6	0.52	0.54	0.47	0.54	0.60	0.51	0.55	0.99	0.53	0.42	0.48	0.50	S	0.47	0.44	0.44	0.43	0.43	0.47	0.52	0.76	0.64	0.68	0.67	0.42	0.99	0.55
Oct 7	0.61	0.62	0.60	0.64	0.67	0.58	0.52	0.59	0.50	0.49	0.44	S	0.45	0.42	0.42	0.39	0.42	0.44	0.46	0.42	0.48	0.41	0.40	0.39	0.39	0.67	0.49
Oct 8	0.40	0.41	0.42	0.42	0.42	0.43	0.45	0.47	0.50	0.49	S	0.48	0.43	0.40	0.39	0.37	0.37	0.37	0.36	0.37	0.37	0.45	0.43	0.46	0.36	0.50	0.42
Oct 9	0.45	0.50	0.46	0.44	0.41	0.42	0.41	0.41	0.42	S	0.44	0.37	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.39	0.34	0.38	0.44	0.70	0.34	0.70	0.42
Oct 10	0.91	0.68	0.63	0.53	0.40	0.40	0.42	0.45	S	0.47	0.40	0.43	0.44	0.40	0.41	0.40	0.42	0.44	0.45	0.44	0.41	0.42	0.54	0.56	0.40	0.91	0.48
Oct 11	0.53	0.56	0.40	0.42	0.53	0.40	0.39	S	0.42	0.38	0.38	0.37	0.36	0.35	0.35	0.36	0.35	0.36	0.38	0.35	0.34	0.34	0.33	0.33	0.33	0.56	0.39
Oct 12	0.33	0.34	0.33	0.35	0.35	0.33	S	0.39	0.42	0.35	0.33	0.34	0.34	0.32	0.33	0.34	0.35	0.34	0.33	0.33	0.34	0.36	0.35	0.37	0.32	0.42	0.35
Oct 13	0.35	0.38	0.36	0.38	0.37	S	0.43	0.38	0.35	0.35	0.35	0.33	0.34	0.32	0.34	0.33	0.32	0.32	0.32	0.33	0.34	0.33	0.33	0.32	0.32	0.43	0.35
Oct 14	0.32	0.35	0.37	0.36	S	0.48	0.37	0.35	0.38	0.37	0.36	0.37	0.36	0.36	0.36	0.38	0.39	0.39	0.39	0.38	0.40	0.53	0.66	0.72	0.32	0.72	0.41
Oct 15	0.51	0.44	0.42	S	0.45	0.40	0.40	0.39	0.40	0.44	0.42	0.41	0.40	0.40	0.41	0.40	0.41	0.41	0.42	0.43	0.43	0.41	0.42	0.42	0.39	0.51	0.42
Oct 16	0.44	0.45	S	0.60	0.62	0.54	0.50	0.47	0.43	0.40	0.42	0.48	0.38	0.40	0.49	0.54	0.54	0.51	0.45	0.41	0.40	0.39	0.41	0.40	0.38	0.62	0.46
Oct 17	0.38	S	0.44	0.41	0.41	0.39	0.40	0.40	0.39	0.39	0.38	0.37	0.36	0.35	0.36	0.36	0.35	0.36	0.36	0.37	0.38	0.37	0.37	0.38	0.35	0.44	0.38
Oct 18	S	0.45	0.42	0.42	0.40	0.40	0.40	0.41	0.42	0.43	0.41	0.41	0.40	0.40	0.40	0.38	0.40	0.41	0.47	0.45	0.38	0.38	0.38	S	0.38	0.47	0.41
Oct 19	0.44	0.38	0.37	0.50	0.57	0.47	0.55	0.67	0.55	0.53	0.50	0.50	0.57	0.53	0.53	0.55	0.53	0.51	0.51	0.49	0.47	0.47	S	0.55	0.37	0.67	0.51
Oct 20	0.44	0.45	0.58	0.52	0.52	0.49	0.59	0.72	0.69	0.59	0.50	0.43	0.43	0.47	0.44	0.42	0.43	0.56	0.59	0.59	0.57	S	0.57	0.51	0.42	0.72	0.53
Oct 21	0.47	0.55	0.57	0.61	0.59	0.62	0.64	0.68	0.62	0.52	0.49	0.42	0.41	0.41	0.41	0.45	0.49	0.59	0.66	0.57	S	0.70	0.60	0.60	0.41	0.70	0.55
Oct 22	0.57	0.53	0.51	0.49	0.53	0.51	0.38	0.38	0.39	0.40	0.41	0.46	0.46	0.41	0.39	0.38	0.39	0.37	0.38	S	0.46	0.50	0.44	0.45	0.37	0.57	0.44
Oct 23	0.46	0.56	0.60	0.62	0.52	0.45	0.42	0.50	0.44	0.42	0.39	0.38	0.38	0.38	0.38	0.40	0.41	0.43	S	0.47	0.43	0.45	0.45	0.42	0.38	0.62	0.45
Oct 24	0.42	0.42	0.44	0.42	0.46	0.44	0.49	0.59	0.60	0.48	0.43	0.43	0.42	0.41	0.40	0.39	0.43	S	0.63	0.68	0.51	0.49	0.48	0.49	0.39	0.68	0.48
Oct 25	0.45	0.43	0.42	0.42	0.44	0.42	0.39	0.48	0.49	0.43	0.39	0.40	0.38	0.36	0.36	0.35	S	0.45	0.41	0.46	0.61	0.60	0.51	0.39	0.35	0.61	0.44
Oct 26	0.37	0.35	0.36	0.36	0.34	0.36	0.35	0.36	0.40	0.38	0.37	0.38	0.47	0.55	0.53	S	0.49	0.44	0.42	0.45	0.54	0.56	0.45	0.43	0.34	0.56	0.42
Oct 27	0.42	0.41	0.40	0.39	0.42	0.39	0.38	0.37	0.40	0.36	0.38	0.39	0.39	0.39	S	0.42	0.43	0.45	0.46	0.47	0.51	0.49	0.49	0.48	0.36	0.51	0.42
Oct 28	0.47	0.48	0.45	0.44	0.47	0.48	0.43	0.43	0.47	0.41	0.40	0.42	0.41	S	0.52	0.54	0.55	0.43	0.38	0.36	0.35	0.35	0.35	0.34	0.34	0.55	0.43
Oct 29	0.34	0.36	0.37	0.35	0.36	0.36	0.45	0.48	0.55	0.47	0.44	0.44	S	0.45	0.40	0.40	0.43	0.44	0.45	0.47	0.49	0.46	0.47	0.47	0.34	0.55	0.43
Oct 30	0.50	0.50	0.45	0.49	0.47	0.45	0.47	0.44	0.43	0.43	0.48	S	0.46	0.42	0.41	0.40	0.43	0.55	0.82	0.60	0.58	0.51	0.39	0.39	0.39	0.82	0.48
Oct 31	0.37	0.37	0.36	0.35	0.36	0.35	0.33	0.34	0.36	0.35	S	0.48	0.45	0.47	0.56	0.48	0.49	0.48	0.46	0.43	0.44	0.48	0.48	0.49	0.33	0.56	0.42
Diurnal Maximum	2.50	3.11	2.77	1.69	1.45	1.66	1.27	1.27	1.33	1.42	0.87	0.63	0.61	0.58	0.77	0.64	0.60	0.59	1.21	1.60	1.95	1.44	2.47	2.41			
Diurnal Average	0.55	0.58	0.56	0.53	0.51	0.51	0.50	0.53	0.49	0.47	0.43	0.42	0.41	0.41	0.43	0.42	0.43	0.43	0.48	0.49	0.50	0.50	0.53	0.54			

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 - October 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

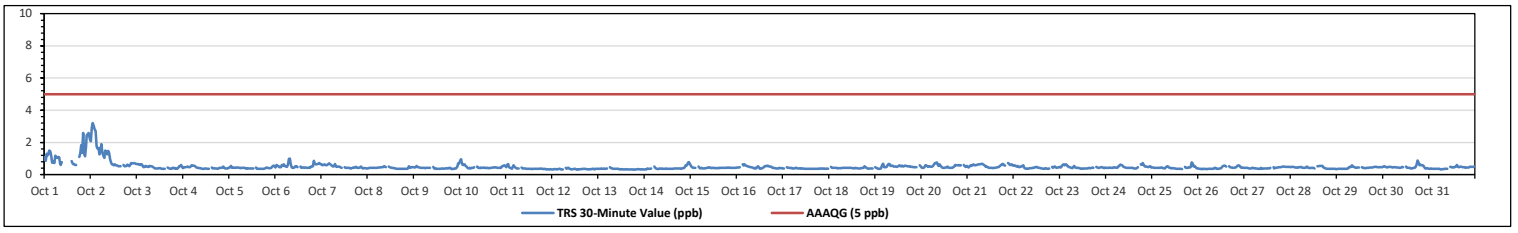
Maximum 30-Minute Value:	3.21 ppb	on Oct 2 at 01:00	# of Instrument in Service	1488
Maximum Daily Value:	1.24 ppb	on Oct 1	# of Valid Measurements	1415
Minimum 30-Minute Value:	0.31 ppb	Oct 12 at 13:00	# of Missing Measurements:	0
Minimum Daily Value:	0.35 ppb	on Oct 12	# of Calibration:	73
Monthly Average:	0.49 ppb		Operational Uptime:	100.0

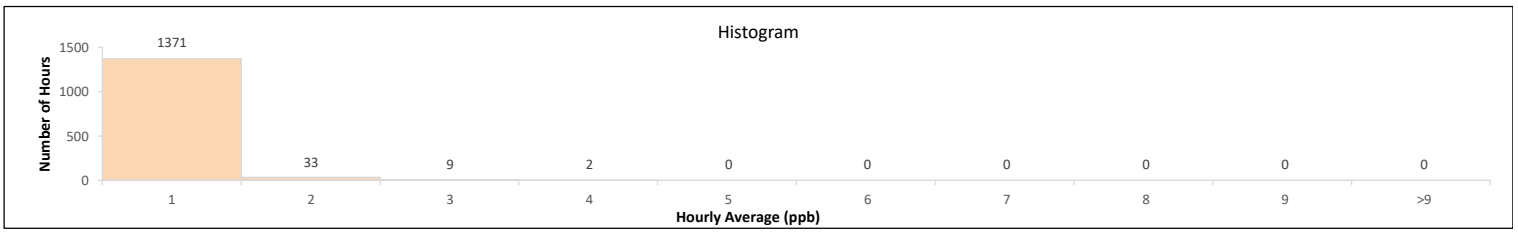
30-Minute Period Starting at (MST)	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Diurnal Maximum	Diurnal Average
00:00	1.09	2.06	0.67	0.4	0.42	0.45	0.63	0.39	0.46	0.85	0.47	0.33	0.35	0.32	0.56	0.44	0.38	S	0.47	0.45	0.5	0.56	0.48	0.42	0.45	0.38	0.43	0.46	0.34	0.49	0.37	2.06	0.54
00:30	0.87	2.93	0.66	0.46	0.47	0.6	0.59	0.4	0.44	0.96	0.6	0.33	0.35	0.33	0.46	0.44	0.38	S	0.41	0.43	0.45	0.58	0.45	0.42	0.45	0.37	0.42	0.49	0.35	0.52	0.37	2.93	0.57
01:00	1.3	3.21	0.62	0.46	0.54	0.55	0.61	0.42	0.47	0.75	0.66	0.34	0.36	0.33	0.44	0.45	S	0.48	0.4	0.43	0.51	0.55	0.53	0.43	0.43	0.37	0.41	0.48	0.36	0.5	0.38	3.21	0.59
01:30	1.21	3.02	0.65	0.47	0.42	0.54	0.64	0.41	0.54	0.61	0.46	0.34	0.39	0.38	0.43	0.46	S	0.43	0.37	0.47	0.58	0.51	0.6	0.41	0.43	0.34	0.41	0.48	0.35	0.49	0.36	3.02	0.57
02:00	1.27	2.82	0.61	0.49	0.44	0.47	0.6	0.42	0.46	0.6	0.41	0.34	0.35	0.37	0.43	S	0.46	0.43	0.37	0.58	0.55	0.54	0.63	0.45	0.43	0.37	0.4	0.46	0.37	0.45	0.37	2.82	0.56
02:30	1.51	2.72	0.64	0.51	0.43	0.47	0.59	0.42	0.46	0.65	0.4	0.33	0.37	0.36	0.41	S	0.41	0.42	0.37	0.58	0.59	0.48	0.58	0.42	0.41	0.34	0.39	0.44	0.37	0.46	0.35	2.72	0.56
03:00	1.46	1.75	0.55	0.47	0.44	0.47	0.61	0.43	0.45	0.55	0.37	0.34	0.39	0.35	S	0.63	0.41	0.42	0.39	0.55	0.63	0.47	0.64	0.43	0.42	0.36	0.39	0.44	0.35	0.49	0.35	1.75	0.53
03:30	1.19	1.62	0.47	0.46	0.43	0.6	0.67	0.42	0.43	0.5	0.47	0.36	0.36	0.38	S	0.56	0.42	0.42	0.6	0.49	0.59	0.51	0.61	0.42	0.43	0.36	0.38	0.43	0.36	0.49	0.35	1.62	0.53
04:00	0.74	1.65	0.49	0.51	0.45	0.55	0.69	0.42	0.41	0.42	0.58	0.36	0.35	S	0.5	0.65	0.4	0.41	0.68	0.53	0.58	0.51	0.53	0.46	0.43	0.34	0.42	0.47	0.35	0.48	0.36	1.65	0.52
04:30	0.82	1.25	0.55	0.59	0.44	0.65	0.65	0.42	0.42	0.38	0.48	0.33	0.38	S	0.41	0.59	0.41	0.39	0.46	0.51	0.6	0.54	0.51	0.45	0.44	0.34	0.42	0.47	0.37	0.46	0.36	1.25	0.50
05:00	0.73	1.42	0.52	0.56	0.43	0.52	0.61	0.41	0.43	0.41	0.41	0.33	S	0.51	0.39	0.55	0.39	0.4	0.47	0.48	0.6	0.58	0.47	0.45	0.44	0.37	0.38	0.47	0.36	0.45	0.35	1.42	0.50
05:30	1.18	1.9	0.49	0.57	0.42	0.5	0.55	0.45	0.41	0.39	0.38	0.32	S	0.45	0.41	0.53	0.39	0.4	0.47	0.5	0.63	0.43	0.44	0.43	0.4	0.36	0.4	0.48	0.36	0.46	0.35	1.90	0.52
06:00	1.11	1.35	0.49	0.54	0.4	0.48	0.51	0.45	0.4	0.43	0.39	S	0.47	0.39	0.4	0.51	0.39	0.4	0.51	0.54	0.63	0.38	0.43	0.44	0.4	0.35	0.38	0.44	0.43	0.47	0.33	1.35	0.49
06:30	1.05	1.2	0.54	0.5	0.42	0.62	0.53	0.45	0.41	0.42	0.39	S	0.4	0.35	0.39	0.49	0.42	0.4	0.6	0.64	0.64	0.37	0.4	0.55	0.38	0.36	0.38	0.42	0.48	0.47	0.33	1.20	0.50
07:00	1.1	1.03	0.53	0.44	0.41	0.98	0.66	0.47	0.42	0.43	S	0.43	0.4	0.34	0.38	0.47	0.41	0.41	0.67	0.72	0.67	0.39	0.47	0.55	0.44	0.35	0.37	0.42	0.46	0.45	0.34	1.10	0.52
07:30	1.07	1.51	0.52	0.42	0.41	1	0.51	0.47	0.41	0.47	S	0.35	0.36	0.35	0.4	0.46	0.39	0.42	0.67	0.72	0.68	0.37	0.54	0.62	0.51	0.36	0.37	0.43	0.5	0.44	0.34	1.51	0.54
08:00	0.68	1.41	0.5	0.41	0.42	0.62	0.48	0.47	0.42	S	0.45	0.42	0.35	0.39	0.4	0.44	0.39	0.42	0.55	0.76	0.65	0.39	0.45	0.6	0.52	0.37	0.37	0.45	0.59	0.44	0.36	1.41	0.51
08:30	0.61	1.25	0.47	0.4	0.4	0.44	0.51	0.52	0.42	S	0.39	0.41	0.35	0.37	0.41	0.41	0.39	0.43	0.55	0.61	0.6	0.4	0.43	0.59	0.46	0.43	0.42	0.5	0.51	0.42	0.36	1.25	0.48
09:00	0.79	1.48	0.43	0.4	0.37	0.42	0.51	0.51	S	0.51	0.38	0.37	0.35	0.38	0.42	0.39	0.4	0.43	0.56	0.54	0.57	0.4	0.43	0.51	0.43	0.41	0.37	0.42	0.49	0.42	0.35	1.48	0.48
09:30	C	1.36	0.39	0.38	0.4	0.41	0.48	0.47	S	0.43	0.39	0.34	0.35	0.36	0.47	0.41	0.37	0.42	0.5	0.64	0.48	0.4	0.41	0.46	0.42	0.35	0.36	0.41	0.45	0.44	0.36	1.36	0.45
10:00	C	0.98	0.39	0.37	0.39	0.44	0.45	S	0.48	0.41	0.38	0.33	0.35	0.35	0.44	0.39	0.38	0.41	0.5	0.54	0.5	0.41	0.4	0.44	0.38	0.36	0.38	0.4	0.43	0.49	S	0.98	0.43
10:30	C	0.76	0.39	0.37	0.38	0.52	0.43	S	0.39	0.4	0.37	0.34	0.35	0.36	0.4	0.46	0.38	0.41	0.5	0.47	0.47	0.42	0.38	0.42	0.4	0.37	0.38	0.41	0.45	0.46	S	0.76	0.42
11:00	C	0.65	0.39	0.37	0.39	0.52	S	0.51	0.4	0.45	0.37	0.34	0.33	0.38	0.41	0.53	0.37	0.41	0.48	0.43	0.42	0.46	0.37	0.43	0.4	0.39	0.39	0.43	0.44	S	0.49	0.65	0.43
11:30	C	0.62	0.4	0.38	0.39	0.47	S	0.46	0.35	0.42	0.36	0.35	0.34	0.36	0.41	0.44	0.37	0.41	0.51	0.43	0.42	0.47	0.38	0.43	0.39	0.38	0.39	0.42	0.44	S	0.48	0.62	0.42
12:00	C	0.58	0.4	0.38	0.38	S	0.47	0.44	0.35	0.43	0.37	0.35	0.33	0.37	0.4	0.37	0.36	0.4	0.55	0.43	0.41	0.48	0.37	0.42	0.39	0.43	0.38	0.42	S	0.5	0.44	0.58	0.41
12:30	C	0.63	0.38	0.36	0.38	S	0.43	0.43	0.35	0.44	0.36	0.33	0.34	0.36	0.41	0.39	0.36	0.4	0.58	0.44	0.41	0.45	0.38	0.41	0.37	0.51	0.4	0.39	S	0.42	0.46	0.63	0.41
13:00	C	0.59	0.36	0.36	S	0.5	0.42	0.41	0.35	0.41	0.36	0.31	0.33	0.35	0.4	0.39	0.35	0.39	0.53	0.44	0.4	0.42	0.39	0.41	0.36	0.54	0.38	S	0.47	0.41	0.45	0.59	0.41
13:30	C	0.58	0.35	0.37	S	0.43	0.41	0.4	0.37	0.4	0.34	0.34	0.32	0.36	0.4	0.41	0.35	0.41	0.53	0.5	0.42	0.41	0.38	0.41	0.36	0.57	0.41	S	0.43	0.43	0.48	0.58	0.41
14:00	0.84	0.54	0.36	S	0.44	0.44	0.42	0.4	0.36	0.41	0.35	0.32	0.33	0.35	0.4	0.46	0.35	0.4	0.56	0.45	0.41	0.4	0.38	0.41	0.35	0.55	S	0.52	0.41	0.43	0.51	0.84	0.43
14:30	0.7	0.53	0.35	S	0.37	0.44	0.42	0.38	0.38	0.42	0.35	0.34	0.34	0.37	0.41	0.53	0.37	0.4	0.51	0.43	0.42	0.38	0.39	0.39	0.37	0.5	S	0.52	0.4	0.39	0.61	0.70	0.43
15:00	0.65	0.53	S	0.45	0.37	0.43	0.39	0.37	0.38	0.4	0.36	0.34	0.33	0.37	0.4	0.55	0.36	0.39	0.53	0.41	0.44	0.39	0.41	0.38	0.35	S	0.46	0.54	0.4	0.39	0.48	0.65	0.42
15:30	0.64	0.52	S	0.39	0.37	0.44	0.39	0.37	0.37	0.4	0.35	0.34	0.32	0.39	0.41	0.53	0.36	0.38	0.57	0.42	0.46	0.37	0.4	0.39	0.34	S	0.38	0.55	0.41	0.4	0.47	0.64	0.42
16:00	0.6	S	0.45	0.4	0.37	0.44	0.41	0.37	0.38	0.41	0.35	0.36	0.33	0.39	0.41	0.57	0.36	0.39	0.54	0.41	0.47	0.37	0.4	0.4	S	0.52	0.42	0.54	0.43	0.43	0.49	0.60	0.43
16:30	0.61	S	0.4	0.38	0.35	0.43	0.44	0.37	0.38	0.42	0.35	0.35	0.32	0.39	0.42	0.52	0.35	0.4	0.53	0.46	0.51	0.4	0.42	0.46	S	0.46	0.43	0.55	0.43	0.42	0.5	0.61	0.43
17:00	S	0.6	0.39	0.38	0.36	0.43	0.41	0.37	0.4	0.44	0.35	0.35	0.33	0.39	0.41	0.51	0.36	0.4	0.52	0.51	0.57	0.38	0.44	S	0.48	0.44	0.44	0.45	0.44	0.49	0.49	0.60	0.43
17:30	S	0.53	0.36	0.38	0.37	0.44	0.46	0.36	0.38	0.45	0.37	0.34	0.32	0.38	0.41	0.5	0.37	0.41	0.51	0.6	0.61	0.37	0.43	S	0.42	0.44	0.45	0.42	0.44	0.62	0.47	0.62	0.43
18:00	1.1	0.52	0.37	0.37	0.36	0.43	0.49	0.36	0.38	0.46	0.39	0.34	0.33	0.39	0.41	0.48	0.37	0.42	0.52	0.59	0.67	0.37	S	0.65	0.41	0.43	0.46	0.38	0.45	0.88	0.46	1.10	0.47
18:30	1.33	0.54	0.41	0.39	0.38	0.5	0.43	0.36	0.41	0.45	0.37	0.33	0.31	0.38	0.42	0.42	0.36	0.52	0.49	0.59	0.66	0.39	S	0.61	0.42	0.41	0.47	0.38	0.44	0.77	0.46	1.33	0.48
19:00	1.84	0.62	0.4	0.42	0.41	0.51	0.41	0.36	0.41	0.45	0.35	0.34	0.32	0.37	0.44	0.41	0.38	0.47	0.49	0.59	0.58	S	0.49	0.73	0.47	0.44	0.46	0.36	0.46	0.58	0.43	1.84	0.50
19:30	1.36	0.58	0.41	0.41	0.45	0.52	0.43	0.37	0.36	0.42	0.34	0.32	0.33	0.38	0.42	0.4	0.37	0.42	0.49	0.6	0.57	S	0.44	0.62	0.45	0.45	0.49	0.35	0.48	0.62	0.44	1.36	0.48
20:00	2.59	0.53	0.37	0.41	0.41	0.85	0.45	0.36	0.34	0.42	0.35	0.34	0.33	0.4	0.44	0.4	0.39	0.38	0.47	0.56	S	0.49	0.43	0.52	0.46	0.51	0.5	0.35	0.49	0.58	0.44	2.59	0.52
20:30	1.31	0.6	0.38	0.45	0.4	0.66	0.5	0.37	0.35	0.41	0.34	0.34	0.34	0.4	0.43	0.39	0.38	0.37	0.47	0.59	S	0.42	0.42	0.5	0.76	0.57	0.51	0.36	0.49	0.58	0.44	1.31	0.48
21:00	1.13	0.72	0.37	0.5	0.4	0.65	0.44	0.38	0.36	0.41	0.33	0.35	0.34	0.47	0.42	0.39	0.36	0.38	0.47	S	0.72	0.5	0.45	0.5	0.7	0.58	0.49	0.35	0.46	0.57	0.47	1.13	0.49
21:30	1.75	0.69	0.41	0.41	0.4	0.63	0.39	0.52	0.39	0.43	0.34	0.36	0.33	0.59	0.41	0.39	0.38	0.38	0.47	S	0.68	0.5	0.46	0.49	0.51	0.54	0.49	0.35	0.46	0.46	0.5	1.75	0.50
22:00	2.43	0.69	0.53	0.39	0.41	0.66	0.4	0.42	0.39	0.53	0.33	0.33	0.32	0.59	0.43	0.42	0.37	0.38	S	0.6	0.6	0.45	0.47	0.46	0.55	0.47	0.49	0.35	0.47	0.39	0.48	2.43	0.53
22:30	2.51	0.73	0.52	0.38	0.51	0.7	0.4	0.44	0.49	0.54	0.33	0.37	0.34	0.74	0.42	0.4	0.36	0.38	S	0.53	0.6	0.43	0.43	0.5	0.48	0.43	0.48	0.35	0.47	0.39	0.49	2.51	0.54
23:00	2.59	0.71	0.6	0.39	0.56	0.72	0.4	0.46	0.7	0.58	0.34	0.36	0.32	0.78	0.42	0.4	0.39	S	0.58	0.48	0.63	0.44	0.4	0.53	0.4	0.44	0.48	0.35	0.46	0.4	0.49	2.59	0.56
23:30	2.22	0.67	0.48	0.43	0.52	0.63	0.39	0.46	0.71	0.54	0.33	0.37	0.32	0.66	0.42	0.4	0.37	S	0.53	0.54	0.57	0.47	0.44	0.44	0.39	0.42	0.48	0.34	0.47	0.38	0.5	2.22	0.53
Minimum	0.6	0.52	0.35	0.36	0.35	0.41	0.39	0.36	0.34	0.38	0.33	0.31	0.31	0.32	0.38	0.37	0.35	0.37	0.37	0.41	0.4	0.37	0.37	0.38	0.34	0.34	0.36	0.34	0.34	0.38	0.33		
Maximum	2.59	3.21	0.67	0.59	0.56	1	0.69	0.52	0.71	0.96	0.66	0.43	0.47	0.78	0.56	0.65	0.46	0.52	0.68	0.76	0.72	0.58	0.64	0.73	0.76	0.58	0.51	0.55	0.59	0.88	0.61		
Average	1.24	1.16	0.47	0.43	0.41	0.55	0.49	0.42	0.42	0.48	0.39	0.35	0.35	0.41	0.42	0.46	0.38	0.41	0.51	0.53	0.55	0.44	0.45	0.48	0.44	0.42	0.42	0.43	0.43	0.48	0.42		

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance	P	Power Failure	X	InValid Data (Equipment Malfunction /Recovery)
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.



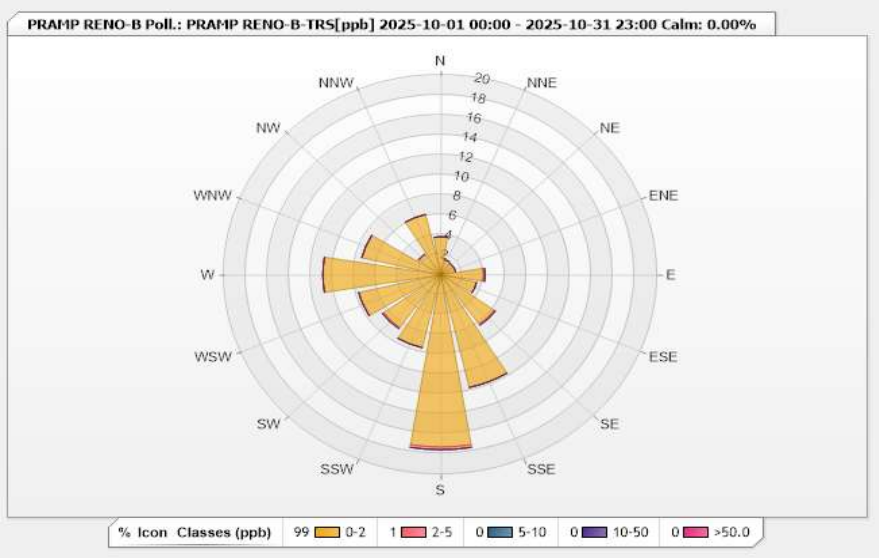


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-TRS[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	3.81	0	0	0	0	3.81
NNE	1.55	0	0	0	0	1.55
NE	1.41	0	0	0	0	1.41
ENE	1.41	0	0	0	0	1.41
E	3.95	0.14	0	0	0	4.09
ESE	3.39	0	0	0	0	3.39
SE	6.07	0.14	0	0	0	6.21
SSE	11.58	0	0	0	0	11.58
S	17.23	0.28	0	0	0	17.51
SSW	7.49	0	0	0	0	7.49
SW	6.5	0.14	0	0	0	6.64
WSW	7.77	0	0	0	0	7.77
W	10.88	0	0	0	0	10.88
WNW	7.49	0	0	0	0	7.49
NW	2.54	0	0	0	0	2.54
NNW	6.21	0	0	0	0	6.21
Summary	99.28	0.7	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

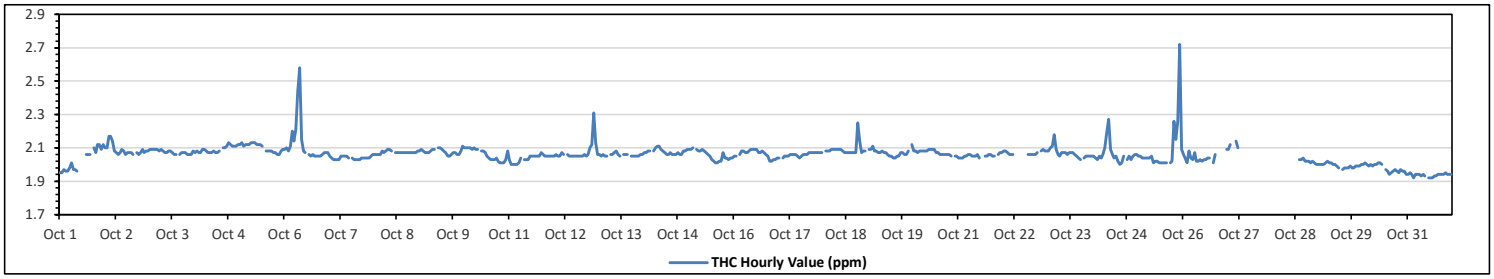
TOTAL HYDROCARBONS (THC) in ppm

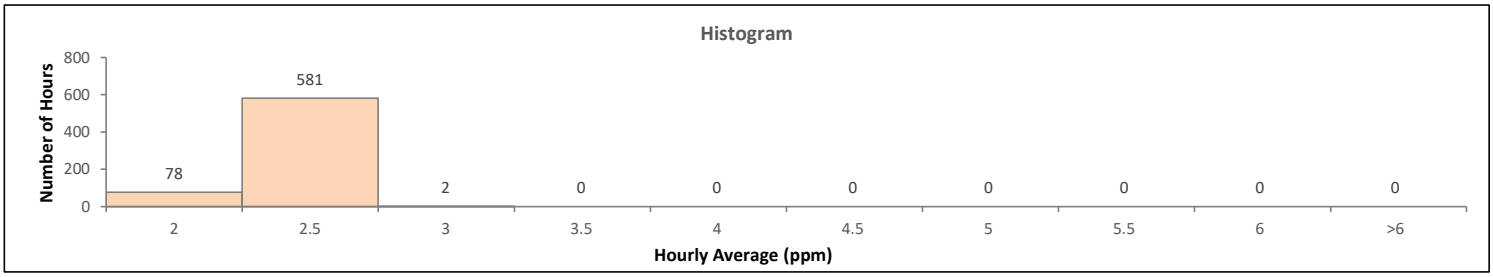
Maximum Hourly Value:	2.72	ppm	on Oct 25 at hr 22	Hours in Service:	744	
Maximum Daily Value:	2.13	ppm	on Oct 6	Hours of Data:	661	
Minimum Hourly Value:	1.92	ppm	on Oct 31 at hr 3	Hours of Missing Data:	48	
Minimum Daily Value:	1.94	ppm	on Oct 31	Hours of Calibration:	35	
Monthly Average:	2.06	ppm		Operational Uptime:	93.5	

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			
Oct 1	1.95	1.95	1.97	1.96	1.96	1.98	2.01	1.97	1.97	1.96	C	C	C	C	2.06	2.06	2.06	S	2.10	2.07	2.12	2.12	2.09	2.12	1.95	2.12	2.03
Oct 2	2.10	2.10	2.17	2.17	2.14	2.08	2.07	2.06	2.07	2.09	2.08	2.06	2.07	2.07	2.07	2.06	S	2.07	2.06	2.07	2.09	2.07	2.08	2.08	2.06	2.17	2.09
Oct 3	2.09	2.09	2.09	2.09	2.09	2.08	2.09	2.08	2.07	2.07	2.08	2.08	2.07	2.06	2.06	S	2.06	2.07	2.07	2.07	2.06	2.06	2.06	2.08	2.06	2.09	2.07
Oct 4	2.07	2.08	2.07	2.07	2.09	2.09	2.08	2.07	2.07	2.07	2.08	2.07	2.07	2.08	S	2.10	2.10	2.11	2.13	2.12	2.11	2.11	2.11	2.12	2.07	2.13	2.09
Oct 5	2.12	2.13	2.11	2.12	2.12	2.12	2.13	2.13	2.13	2.12	2.12	2.12	2.11	S	2.08	2.08	2.08	2.08	2.07	2.07	2.06	2.06	2.08	2.09	2.06	2.13	2.10
Oct 6	2.09	2.10	2.08	2.11	2.20	2.14	2.21	2.44	2.58	2.15	2.08	2.07	S	2.06	2.05	2.06	2.05	2.05	2.05	2.05	2.06	2.07	2.07	2.07	2.05	2.58	**2.13**
Oct 7	2.05	2.04	2.03	2.03	2.03	2.03	2.05	2.05	2.05	2.04	S	2.04	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.06	2.03	2.06	2.04
Oct 8	2.06	2.06	2.06	2.06	2.08	2.07	2.08	2.09	2.09	2.08	S	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.06	2.09	2.07
Oct 9	2.08	2.09	2.08	2.07	2.07	2.07	2.08	2.09	2.09	S	2.10	2.10	2.09	2.08	2.07	2.05	2.05	2.06	2.07	2.07	2.06	2.06	2.08	2.11	2.05	2.11	2.08
Oct 10	2.10	2.10	2.10	2.10	2.09	2.10	2.09	2.09	S	2.08	2.08	2.07	2.05	2.04	2.03	2.03	2.03	2.04	2.02	2.01	2.01	2.01	2.03	2.08	2.01	2.10	2.06
Oct 11	2.03	2.00	2.00	2.00	2.00	2.01	2.04	S	2.03	2.03	2.03	2.05	2.05	2.05	2.05	2.05	2.05	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.00	2.07	2.04
Oct 12	2.05	2.06	2.05	2.05	2.07	2.06	S	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.05	2.06	2.10	2.12	2.31	2.13	2.06	2.05	2.31	2.07
Oct 13	2.06	2.05	2.06	2.05	2.05	S	2.06	2.06	2.07	2.08	2.06	2.05	X	2.06	2.06	2.06	X	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.05	2.08	2.06
Oct 14	2.07	2.07	2.08	2.08	S	2.08	2.10	2.11	2.11	2.09	2.08	2.07	2.06	2.06	2.07	2.06	2.06	2.06	2.07	2.06	2.06	2.08	2.08	2.09	2.06	2.11	2.08
Oct 15	2.09	2.09	2.10	S	2.09	2.08	2.08	2.09	2.08	2.07	2.06	2.05	2.03	2.02	2.01	2.01	2.02	2.02	2.07	2.04	2.04	2.03	2.04	2.04	2.01	2.10	2.05
Oct 16	2.05	2.05	S	2.06	2.08	2.08	2.07	2.07	2.08	2.09	2.09	2.09	2.09	2.07	2.07	2.08	2.07	2.06	2.05	2.02	2.02	2.03	2.03	2.04	2.02	2.09	2.06
Oct 17	2.04	S	2.04	2.05	2.05	2.05	2.06	2.06	2.06	2.06	2.05	2.04	2.05	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.04	2.07	2.06
Oct 18	S	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.25	2.14	2.07	2.08	2.08	S	2.07	2.25	2.09
Oct 19	2.09	2.09	2.11	2.08	2.08	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.04	2.04	2.05	2.05	2.07	2.07	2.06	2.06	2.08	S	2.12	2.04	2.12	2.07
Oct 20	2.08	2.08	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.07	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.05	S	2.05	2.05	2.05	2.09	2.07
Oct 21	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.05	2.05	2.05	2.06	2.04	X	X	2.05	2.05	2.06	2.06	2.05	2.05	S	2.06	2.07	2.07	2.04	2.07	2.05
Oct 22	2.08	2.08	2.07	2.06	2.06	2.06	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2.06	2.06	2.06	2.06	2.06	2.07	S	2.08	2.09	2.08	2.08	2.06	2.09	NA
Oct 23	2.08	2.10	2.11	2.18	2.09	2.06	2.05	2.07	2.07	2.07	2.06	2.07	2.07	2.07	2.06	2.05	2.04	2.03	S	2.04	2.05	2.05	2.05	2.05	2.03	2.18	2.07
Oct 24	2.05	2.04	2.03	2.05	2.04	2.06	2.10	2.19	2.27	2.09	2.06	2.04	2.05	2.02	2.00	2.01	2.05	S	2.03	2.05	2.03	2.05	2.06	2.06	2.00	2.27	2.06
Oct 25	2.05	2.05	2.04	2.04	2.04	2.04	2.04	2.05	2.01	2.02	2.02	2.01	2.01	2.01	2.01	2.01	S	2.01	2.02	2.26	2.15	2.26	**2.72**	2.09	2.01	**2.72**	2.09
Oct 26	2.06	2.04	2.01	2.08	2.04	2.03	2.07	2.02	2.02	2.03	2.02	2.03	2.03	2.04	2.04	S	2.01	2.06	X	X	X	X	X	2.09	2.01	2.09	2.04
Oct 27	2.09	2.12	X	X	2.14	2.10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.09	2.14	NA
Oct 28	X	X	X	X	X	X	X	X	NRM	NRM	NRM	NRM	1.99	S	2.03	2.03	2.04	2.02	2.02	2.02	2.01	2.02	2.01	2.00	1.99	2.04	NA
Oct 29	2.00	2.00	2.00	2.00	2.01	2.02	2.01	2.01	2.00	2.00	1.99	1.98	S	1.97	1.98	1.98	1.98	1.99	1.98	1.98	1.99	1.99	1.99	2.00	1.97	2.02	1.99
Oct 30	2.00	2.01	2.00	1.99	2.00	1.99	2.00	2.00	2.01	2.01	2.00	S	1.97	1.96	1.94	1.95	1.96	1.97	1.96	1.95	1.97	1.96	1.96	1.94	1.94	2.01	1.98
Oct 31	1.94	1.95	1.94	1.92	1.94	1.94	1.94	1.93	1.94	1.93	S	1.92	1.92	1.92	1.93	1.93	1.94	1.94	1.94	1.94	1.95	1.94	1.94	1.94	1.92	1.95	1.94
Diurnal Maximum	2.12	2.13	2.17	2.18	2.20	2.14	2.21	2.44	2.58	2.15	2.12	2.12	2.11	2.08	2.08	2.10	2.10	2.11	2.25	2.26	2.15	2.31	2.72	2.12			
Diurnal Average	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.08	2.08	2.06	2.06	2.05	2.05	2.04	2.04	2.04	2.04	2.05	2.06	2.06	2.05	2.07	2.08	2.06			

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.



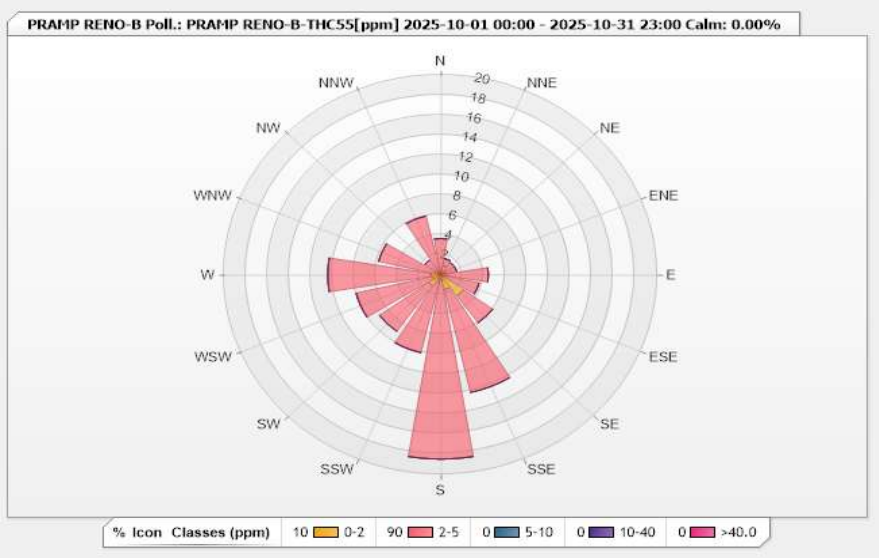


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-THC55[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 88.84% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.15	3.48	0	0	0	3.63
NNE	0.91	0.76	0	0	0	1.67
NE	0.45	1.06	0	0	0	1.51
ENE	0	1.51	0	0	0	1.51
E	0.15	4.24	0	0	0	4.39
ESE	0	3.63	0	0	0	3.63
SE	2.57	3.33	0	0	0	5.9
SSE	1.51	10.59	0	0	0	12.1
S	0.45	18	0	0	0	18.45
SSW	0.45	7.56	0	0	0	8.01
SW	1.36	5.6	0	0	0	6.96
WSW	0.76	7.26	0	0	0	8.02
W	0.91	9.53	0	0	0	10.44
WNW	0.3	5.6	0	0	0	5.9
NW	0.15	1.66	0	0	0	1.81
NNW	0.15	5.9	0	0	0	6.05
Summary	10.27	89.71	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

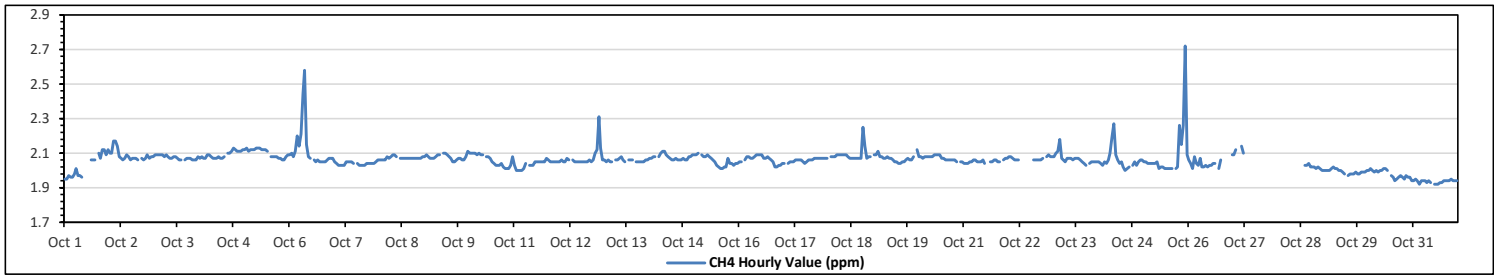
METHANE (CH4) in ppm

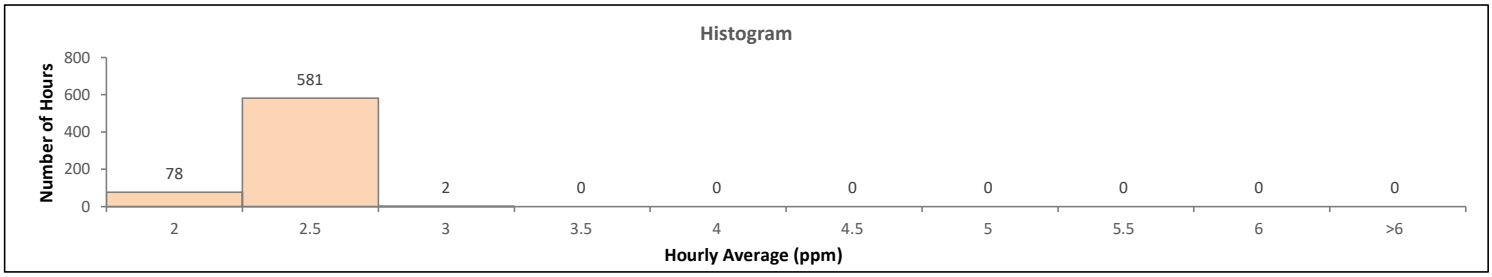
Maximum Hourly Value:	2.72	ppm	on Oct 25 at hr 22	Hours in Service:	744
Maximum Daily Value:	2.13	ppm	on Oct 6	Hours of Data:	661
Minimum Hourly Value:	1.92	ppm	on Oct 31 at hr 3	Hours of Missing Data:	48
Minimum Daily Value:	1.94	ppm	on Oct 31	Hours of Calibration:	35
Monthly Average:	2.06	ppm		Operational Uptime:	93.5

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			
Oct 1	1.95	1.95	1.97	1.96	1.96	1.98	2.01	1.97	1.97	1.96	C	C	C	C	2.06	2.06	2.06	S	2.10	2.07	2.12	2.12	2.09	2.12	1.95	2.12	2.03
Oct 2	2.10	2.10	2.17	2.17	2.14	2.08	2.07	2.06	2.07	2.09	2.08	2.06	2.07	2.07	2.07	2.06	S	2.07	2.06	2.07	2.09	2.07	2.08	2.08	2.06	2.17	2.09
Oct 3	2.09	2.09	2.09	2.09	2.09	2.08	2.09	2.08	2.07	2.07	2.08	2.08	2.07	2.06	2.06	S	2.06	2.07	2.07	2.07	2.06	2.06	2.06	2.08	2.06	2.09	2.07
Oct 4	2.07	2.08	2.07	2.07	2.09	2.09	2.08	2.07	2.07	2.07	2.08	2.07	2.07	2.08	S	2.10	2.10	2.11	2.13	2.12	2.11	2.11	2.11	2.12	2.07	2.13	2.09
Oct 5	2.12	2.13	2.11	2.12	2.12	2.12	2.13	2.13	2.13	2.12	2.12	2.12	2.11	S	2.08	2.08	2.08	2.08	2.07	2.07	2.06	2.06	2.08	2.09	2.06	2.13	2.10
Oct 6	2.09	2.10	2.08	2.11	2.20	2.14	2.21	2.44	2.58	2.15	2.08	2.07	S	2.06	2.05	2.06	2.05	2.05	2.05	2.05	2.06	2.07	2.07	2.07	2.05	2.58	**2.13**
Oct 7	2.05	2.04	2.03	2.03	2.03	2.03	2.05	2.05	2.05	2.04	S	2.04	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.04	2.05	2.06	2.03	2.06	2.04
Oct 8	2.06	2.06	2.06	2.06	2.08	2.07	2.08	2.09	2.09	2.08	S	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.06	2.09	2.07
Oct 9	2.08	2.09	2.08	2.07	2.07	2.07	2.08	2.09	2.09	S	2.10	2.10	2.09	2.08	2.07	2.05	2.05	2.06	2.07	2.07	2.06	2.06	2.08	2.11	2.05	2.11	2.08
Oct 10	2.10	2.10	2.10	2.10	2.09	2.10	2.09	2.09	S	2.08	2.08	2.07	2.05	2.04	2.03	2.03	2.03	2.04	2.02	2.01	2.01	2.01	2.03	2.08	2.01	2.10	2.06
Oct 11	2.03	2.00	2.00	2.00	2.00	2.01	2.04	S	2.03	2.03	2.03	2.05	2.05	2.05	2.05	2.05	2.05	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.00	2.07	2.04
Oct 12	2.05	2.06	2.05	2.05	2.07	2.06	S	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.05	2.06	2.10	2.12	2.31	2.13	2.06	2.05	2.31	2.07
Oct 13	2.06	2.05	2.06	2.05	2.05	S	2.06	2.06	2.07	2.08	2.06	2.05	X	2.06	2.06	2.06	X	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.05	2.08	2.06
Oct 14	2.07	2.07	2.08	2.08	S	2.08	2.10	2.11	2.11	2.09	2.08	2.07	2.06	2.06	2.07	2.06	2.06	2.06	2.07	2.06	2.06	2.08	2.08	2.09	2.06	2.11	2.08
Oct 15	2.09	2.09	2.10	S	2.09	2.08	2.08	2.09	2.08	2.07	2.06	2.05	2.03	2.02	2.01	2.01	2.02	2.02	2.07	2.04	2.04	2.03	2.04	2.04	2.01	2.10	2.05
Oct 16	2.05	2.05	S	2.06	2.08	2.08	2.07	2.07	2.08	2.09	2.09	2.09	2.09	2.07	2.07	2.08	2.07	2.06	2.05	2.02	2.02	2.03	2.03	2.04	2.02	2.09	2.06
Oct 17	2.04	S	2.04	2.05	2.05	2.05	2.06	2.06	2.06	2.06	2.05	2.04	2.05	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.04	2.07	2.06
Oct 18	S	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.25	2.14	2.07	2.08	2.08	S	2.07	2.25	2.09
Oct 19	2.09	2.09	2.11	2.08	2.08	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.05	2.04	2.04	2.05	2.05	2.06	2.07	2.06	2.06	2.08	S	2.12	2.04	2.12	2.07
Oct 20	2.08	2.08	2.07	2.08	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.07	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.05	S	2.05	2.05	2.05	2.09	2.07
Oct 21	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.05	2.05	2.05	2.06	2.04	X	X	2.05	2.05	2.06	2.06	2.05	2.05	S	2.06	2.07	2.07	2.04	2.07	2.05
Oct 22	2.08	2.08	2.07	2.06	2.06	2.06	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2.06	2.06	2.06	2.06	2.06	2.07	S	2.08	2.09	2.08	2.08	2.06	2.09	NA
Oct 23	2.08	2.10	2.11	2.18	2.07	2.06	2.05	2.07	2.07	2.07	2.06	2.07	2.07	2.07	2.06	2.05	2.04	2.03	S	2.04	2.05	2.05	2.05	2.05	2.03	2.18	2.07
Oct 24	2.05	2.04	2.03	2.05	2.04	2.06	2.10	2.19	2.27	2.09	2.06	2.04	2.05	2.02	2.00	2.01	2.02	S	2.03	2.05	2.03	2.05	2.06	2.06	2.00	2.27	2.06
Oct 25	2.05	2.05	2.04	2.04	2.04	2.04	2.04	2.05	2.01	2.02	2.02	2.01	2.01	2.01	2.01	2.01	S	2.01	2.02	2.26	2.15	2.26	**2.72**	2.09	2.01	**2.72**	2.09
Oct 26	2.06	2.04	2.01	2.08	2.04	2.03	2.07	2.02	2.02	2.03	2.02	2.03	2.03	2.04	2.04	S	2.01	2.06	X	X	X	X	X	2.09	2.01	2.09	2.04
Oct 27	2.09	2.12	X	X	2.14	2.10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.09	2.14	NA
Oct 28	X	X	X	X	X	X	X	X	NRM	NRM	NRM	NRM	1.99	S	2.03	2.03	2.04	2.02	2.02	2.02	2.01	2.02	2.01	2.00	1.99	2.04	NA
Oct 29	2.00	2.00	2.00	2.00	2.01	2.02	2.01	2.01	2.00	2.00	1.99	1.98	S	1.97	1.98	1.98	1.98	1.99	1.98	1.98	1.99	1.99	1.99	2.00	1.97	2.02	1.99
Oct 30	2.00	2.01	2.00	1.99	2.00	1.99	2.00	2.00	2.01	2.01	2.00	S	1.97	1.96	1.94	1.95	1.96	1.97	1.96	1.95	1.97	1.96	1.96	1.94	1.94	2.01	1.98
Oct 31	1.94	1.95	1.94	1.92	1.94	1.94	1.94	1.93	1.94	1.93	S	1.92	1.92	1.92	1.93	1.93	1.94	1.94	1.94	1.94	1.95	1.94	1.94	1.94	1.92	1.95	1.94
Diurnal Maximum	2.12	2.13	2.17	2.18	2.20	2.14	2.21	2.44	2.58	2.15	2.12	2.12	2.11	2.08	2.08	2.10	2.10	2.11	2.25	2.26	2.15	2.31	2.72	2.12			
Diurnal Average	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.08	2.08	2.06	2.06	2.05	2.05	2.04	2.04	2.04	2.04	2.05	2.06	2.06	2.05	2.07	2.08	2.06			

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.



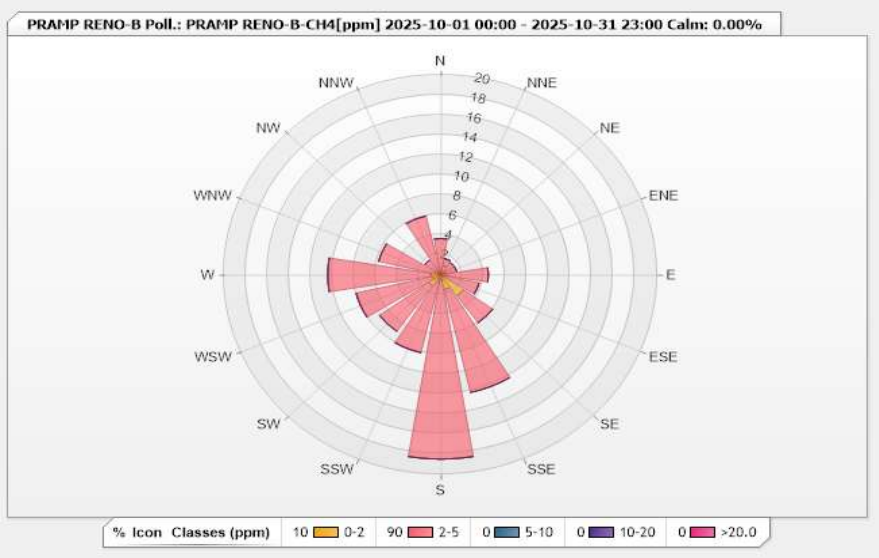


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-CH4[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 88.84% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.15	3.48	0	0	0	3.63
NNE	0.91	0.76	0	0	0	1.67
NE	0.45	1.06	0	0	0	1.51
ENE	0	1.51	0	0	0	1.51
E	0.15	4.24	0	0	0	4.39
ESE	0	3.63	0	0	0	3.63
SE	2.57	3.33	0	0	0	5.9
SSE	1.51	10.59	0	0	0	12.1
S	0.45	18	0	0	0	18.45
SSW	0.45	7.56	0	0	0	8.01
SW	1.36	5.6	0	0	0	6.96
WSW	0.76	7.26	0	0	0	8.02
W	0.91	9.53	0	0	0	10.44
WNW	0.3	5.6	0	0	0	5.9
NW	0.15	1.66	0	0	0	1.81
NNW	0.15	5.9	0	0	0	6.05
Summary	10.27	89.71	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

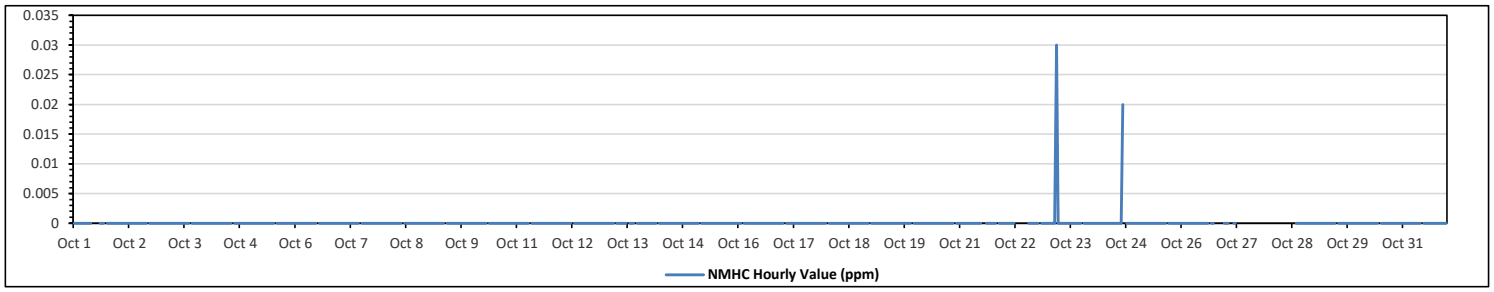
NON-METHANE HYDROCARBONS (NMHC) in ppm

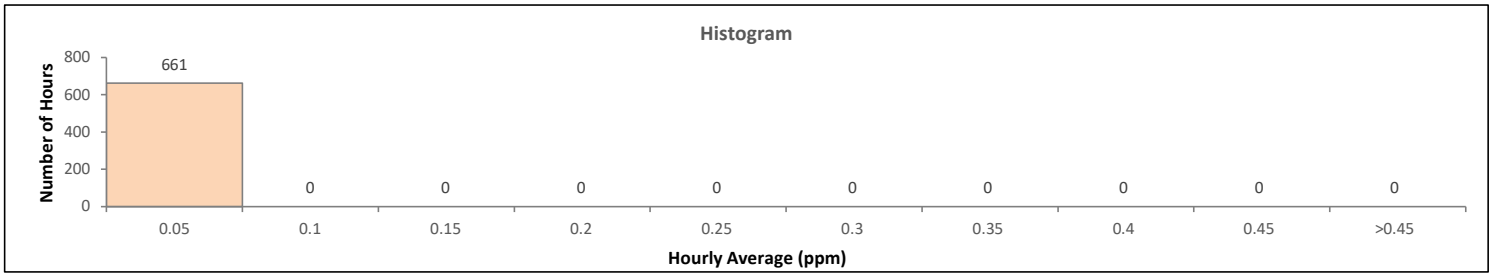
Maximum Hourly Value:	0.03	ppm	on Oct 23 at hr 4	Hours in Service:	744
Maximum Daily Value:	0.00	ppm	on Oct 23	Hours of Data:	661
Minimum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours of Missing Data:	48
Minimum Daily Value:	0.00	ppm	on Oct 1	Hours of Calibration:	35
Monthly Average:	0.00	ppm		Operational Uptime:	93.5

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			
Oct 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C	C	C	C	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
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 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	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
Oct 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	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
Oct 7	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	0.00
Oct 8	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	0.00
Oct 9	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	0.00
Oct 10	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	0.00
Oct 11	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
Oct 12	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
Oct 13	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	X	0.00	0.00	0.00	0.00	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 14	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
Oct 15	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
Oct 16	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
Oct 17	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
Oct 18	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
Oct 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	S	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00
Oct 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	X	X	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
Oct 22	0.00	0.00	0.00	0.00	0.00	0.00	NRM	NRM	NRM	NRM	NRM	NRM	NRM	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	NA
Oct 23	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	S	0.00	0.00	0.00	0.00	0.00	0.00	**0.03**	**0.00**
Oct 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	0.02	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	X	X	X	X	X	0.00	0.00	0.00	0.00
Oct 27	0.00	0.00	X	X	0.00	0.00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.00	0.00	NA
Oct 28	X	X	X	X	X	X	X	X	NRM	NRM	NRM	NRM	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	NA
Oct 29	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	0.00
Oct 30	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	0.00
Oct 31	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	0.00
Diurnal Maximum	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	0.02	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			

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.



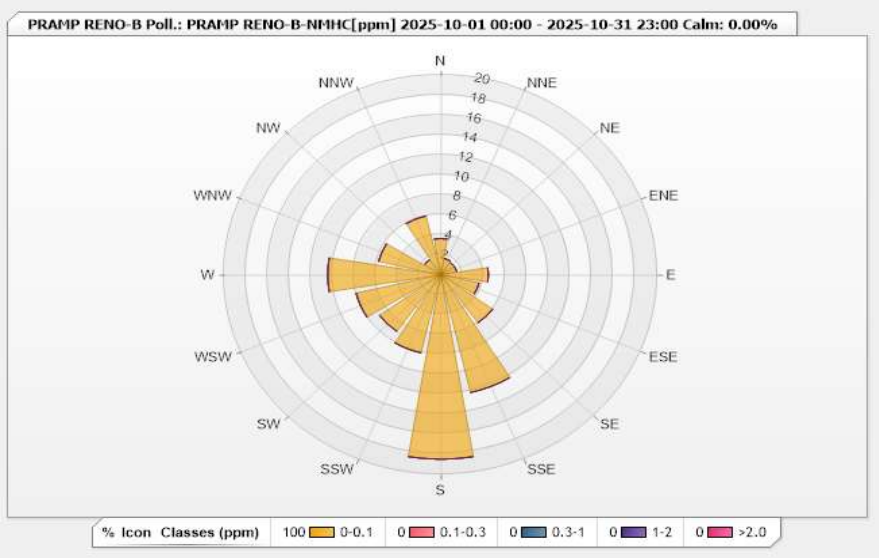


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-NMHC[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 88.84% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	3.63	0	0	0	0	3.63
NNE	1.66	0	0	0	0	1.66
NE	1.51	0	0	0	0	1.51
ENE	1.51	0	0	0	0	1.51
E	4.39	0	0	0	0	4.39
ESE	3.63	0	0	0	0	3.63
SE	5.9	0	0	0	0	5.9
SSE	12.1	0	0	0	0	12.1
S	18.46	0	0	0	0	18.46
SSW	8.02	0	0	0	0	8.02
SW	6.96	0	0	0	0	6.96
WSW	8.02	0	0	0	0	8.02
W	10.44	0	0	0	0	10.44
WNW	5.9	0	0	0	0	5.9
NW	1.82	0	0	0	0	1.82
NNW	6.05	0	0	0	0	6.05
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - October 2025

Summary of Hourly Averages

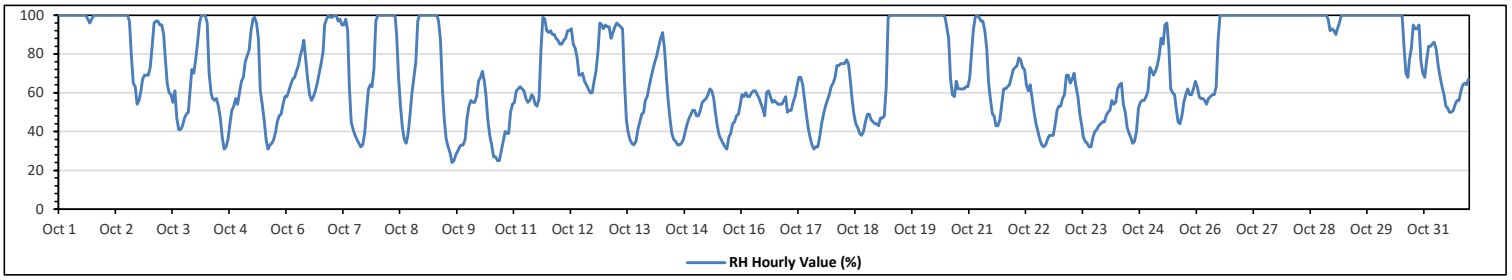
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Oct 1 at hr 0	Hours in Service:	744
Maximum Daily Value:	100.0	%	on Oct 27	Hours of Data:	744
Minimum Hourly Value:	24	%	on Oct 9 at hr 15	Hours of Missing Data:	0
Minimum Daily Value:	46.5	%	on Oct 10	Hours of Calibration:	0
Monthly Average:	70.7	%		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			
Oct 1	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	98	96	98	**100**	**100**	**100**	**100**	**100**	**100**	96	**100**	99.7
Oct 2	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	97	79	65	63	54	56	61	67	69	69	69	54	**100**	85.4
Oct 3	73	84	96	97	97	95	95	90	78	65	60	59	55	61	47	41	41	43	47	49	50	60	72	70	41	97	67.7
Oct 4	77	86	96	**100**	**100**	**100**	96	70	60	57	56	57	53	47	37	31	32	36	44	51	53	57	54	60	31	**100**	62.9
Oct 5	66	68	76	79	82	92	98	99	96	88	61	54	46	36	31	33	34	36	40	45	48	49	54	58	31	99	61.2
Oct 6	58	61	64	67	68	71	74	79	82	87	77	67	59	56	58	61	65	70	75	81	95	98	**100**	99	56	**100**	73.8
Oct 7	99	**100**	**100**	97	98	95	95	98	92	64	45	41	38	36	34	32	33	39	51	62	64	63	72	97	32	**100**	68.5
Oct 8	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	90	68	53	42	36	34	39	49	60	68	76	97	**100**	**100**	34	**100**	79.7
Oct 9	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	97	87	62	46	36	32	29	**24**	25	28	30	32	33	33	36	47	**24**	**100**	61.5
Oct 10	53	56	55	55	58	66	68	71	66	59	46	38	33	27	27	25	25	30	35	40	39	39	50	54	25	71	**46.5**
Oct 11	55	61	62	63	62	61	57	55	56	59	58	54	53	57	82	99	98	92	91	92	90	90	88	87	53	99	71.8
Oct 12	85	85	87	88	92	92	93	85	83	78	69	69	70	66	64	62	60	60	66	71	81	96	95	93	60	96	78.8
Oct 13	95	94	94	88	91	94	96	95	94	93	66	46	40	36	34	33	35	41	45	49	50	56	58	63	33	96	66.1
Oct 14	68	72	76	79	84	88	91	83	68	57	47	39	36	35	33	33	34	36	40	44	47	49	51	51	33	91	55.9
Oct 15	48	48	51	55	56	57	59	62	61	57	50	43	38	36	34	32	31	37	39	44	45	48	49	53	31	62	47.2
Oct 16	59	58	60	58	58	60	61	61	59	57	54	52	48	60	61	58	55	56	55	54	54	54	56	58	48	61	56.9
Oct 17	50	51	51	55	58	63	68	68	64	56	48	41	37	33	31	32	32	37	44	49	53	56	59	63	31	68	50.0
Oct 18	65	68	74	74	75	75	75	77	75	66	57	49	44	42	39	38	40	45	49	49	46	45	44	44	38	77	56.5
Oct 19	43	47	47	48	63	99	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	43	**100**	89.5
Oct 20	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	99	94	88	67	59	58	66	62	62	62	62	63	63	58	**100**	83.5
Oct 21	68	79	92	99	**100**	99	97	97	92	83	65	56	49	48	43	43	46	54	62	62	63	64	68	72	43	**100**	70.9
Oct 22	73	74	78	77	73	72	64	61	64	57	50	44	40	36	33	32	33	36	38	38	38	44	51	53	32	78	52.5
Oct 23	53	57	59	69	69	65	67	70	63	58	49	43	37	35	34	32	32	37	40	41	43	44	45	45	32	70	49.5
Oct 24	48	50	51	56	54	55	62	64	65	54	50	42	39	37	34	35	40	52	55	56	56	58	61	73	34	73	52.0
Oct 25	71	69	71	74	79	88	85	95	96	84	62	60	59	51	45	44	48	55	59	62	59	59	62	66	44	96	66.8
Oct 26	63	58	57	57	56	54	57	58	59	59	63	87	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	54	**100**	80.3
Oct 27	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	100	**100**	**100.0**
Oct 28	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	98	92	93	92	**100**	99.3
Oct 29	92	90	93	96	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	90	**100**	98.8
Oct 30	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	84	70	68	77	83	95	93	93	95	76	70	68	**100**	91.8
Oct 31	68	77	84	84	85	86	83	74	68	63	59	53	52	50	50	51	54	56	56	61	64	65	64	67	50	86	65.6
Diurnal Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
Diurnal Average	75.2	77.2	79.8	81.1	82.5	84.7	85.2	84.3	81.9	77.0	69.2	64.7	61.6	59.0	55.9	54.7	55.7	58.9	62.4	65.0	66.7	69.3	70.6	73.2			

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 - October 2025

Summary of Hourly Averages

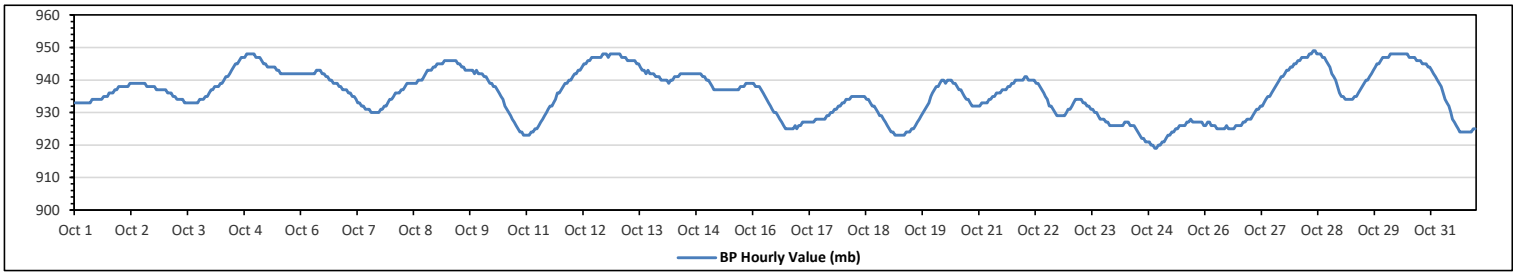
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	949	mb	on Oct 28 at hr 9	Hours in Service:	744
Maximum Daily Value:	947	mb	on Oct 30	Hours of Data:	744
Minimum Hourly Value:	919	mb	on Oct 24 at hr 21	Hours of Missing Data:	0
Minimum Daily Value:	924	mb	on Oct 24	Hours of Calibration:	0
Monthly Average:	936	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
Oct 1	933	933	933	933	933	933	933	933	933	934	934	934	934	934	934	935	935	935	936	936	936	937	937	938	933	938	934
Oct 2	938	938	938	938	938	939	939	939	939	939	939	939	939	939	938	938	938	938	938	937	937	937	937	937	937	939	938
Oct 3	937	936	936	936	935	935	934	934	934	934	933	933	933	933	933	933	933	933	934	934	934	935	935	936	933	937	934
Oct 4	937	937	938	938	938	939	939	940	941	941	942	943	944	945	945	946	947	947	947	948	948	948	948	948	937	948	943
Oct 5	947	947	947	946	945	945	944	944	944	944	944	943	943	942	942	942	942	942	942	942	942	942	942	942	942	947	944
Oct 6	942	942	942	942	942	942	942	942	943	943	943	942	942	941	941	940	940	939	939	939	938	938	937	937	937	943	941
Oct 7	937	936	936	935	935	934	933	933	932	932	931	931	931	930	930	930	930	930	931	931	932	932	933	934	930	937	932
Oct 8	934	935	936	936	936	937	937	938	939	939	939	939	939	939	940	940	940	941	942	943	943	943	944	944	934	944	939
Oct 9	945	945	945	945	946	946	946	946	946	946	946	945	945	944	944	943	943	943	943	943	942	943	942	942	942	946	944
Oct 10	942	941	941	940	939	939	938	938	937	936	935	934	932	931	930	929	928	927	926	925	924	924	923	923	923	942	933
Oct 11	923	923	924	924	925	925	926	927	928	929	930	931	932	932	933	934	936	936	937	938	939	939	940	940	923	940	931
Oct 12	941	942	942	943	943	944	945	945	946	946	947	947	947	947	947	947	948	948	948	947	948	948	948	948	941	948	946
Oct 13	948	948	947	947	947	946	946	946	946	946	945	945	944	943	943	942	943	942	942	942	941	941	941	940	940	948	944
Oct 14	940	940	940	939	940	940	941	941	941	942	942	942	942	942	942	942	942	942	942	942	942	941	941	940	939	942	941
Oct 15	940	939	938	937	937	937	937	937	937	937	937	937	937	937	937	937	937	938	938	938	939	939	939	939	937	940	938
Oct 16	939	938	938	938	937	936	935	934	933	932	931	930	930	929	928	927	926	925	925	925	925	925	926	925	925	939	931
Oct 17	926	926	927	927	927	927	927	927	927	928	928	928	928	928	928	929	929	930	930	931	931	932	932	933	926	933	929
Oct 18	933	934	934	934	935	935	935	935	935	935	935	935	934	934	933	932	932	931	930	929	929	928	927	926	926	935	933
Oct 19	925	924	924	923	923	923	923	923	923	924	924	924	925	925	926	927	928	929	930	931	932	933	935	936	923	936	927
Oct 20	937	938	938	939	940	940	939	940	940	940	939	939	938	937	937	936	935	934	934	933	932	932	932	932	932	940	937
Oct 21	932	933	933	933	933	934	934	935	935	936	936	936	937	937	937	938	938	939	939	940	940	940	940	940	932	940	936
Oct 22	941	941	940	940	940	940	939	939	938	937	936	935	934	932	932	931	930	929	929	929	929	929	930	931	929	941	935
Oct 23	931	932	933	934	934	934	934	933	933	932	932	931	931	930	930	929	928	928	928	927	927	926	926	926	926	934	930
Oct 24	926	926	926	926	926	927	927	927	926	926	926	925	924	923	922	922	921	921	921	920	920	**919**	**919**	920	**919**	927	**924**
Oct 25	920	921	921	922	923	923	924	924	925	925	926	926	926	926	927	927	928	927	927	927	927	927	927	926	920	928	925
Oct 26	926	927	927	926	926	926	925	925	925	925	925	926	925	925	925	925	926	926	926	926	927	927	928	928	925	928	926
Oct 27	928	929	930	931	931	932	932	933	934	935	935	936	937	938	939	940	941	941	942	943	943	944	944	945	928	945	937
Oct 28	945	946	946	947	947	947	947	948	948	**949**	**949**	948	948	948	947	947	946	945	944	942	941	940	938	936	936	**949**	945
Oct 29	935	935	934	934	934	934	934	935	935	936	937	938	939	940	940	941	942	943	944	945	945	946	947	947	934	947	939
Oct 30	947	947	948	948	948	948	948	948	948	948	948	948	947	947	947	947	946	946	946	945	945	945	944	944	944	948	**947**
Oct 31	943	942	941	940	939	938	936	934	933	932	930	928	927	926	925	924	924	924	924	924	924	924	925	925	924	943	931
Diurnal Maximum	948	948	948	948	948	948	948	948	948	949	949	948	948	948	947	947	948	948	948	948	948	948	948	948			
Diurnal Average	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	935	936	935	936	936	936	936	936	936			

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 - October 2025

Summary of Hourly Averages

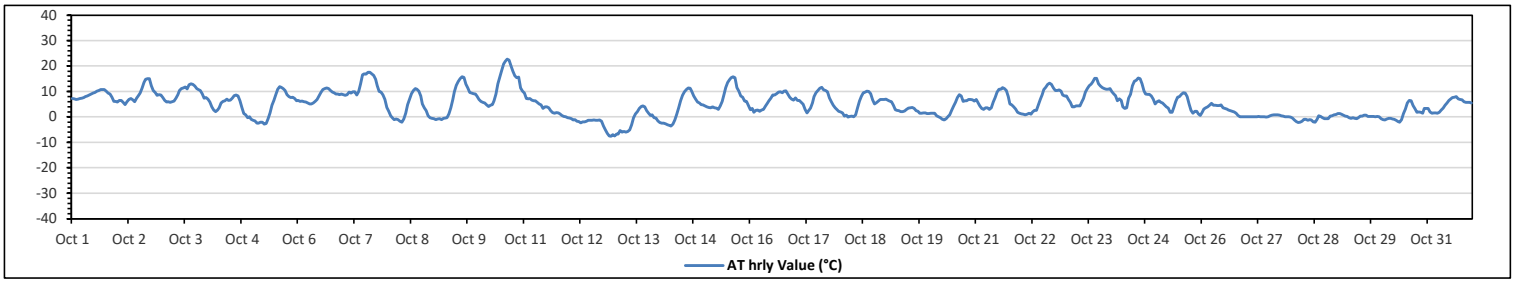
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	22.7	°C	on Oct 10 at hr 15	Hours in Service:	744
Maximum Daily Value:	12.5	°C	on Oct 10	Hours of Data:	744
Minimum Hourly Value:	-7.6	°C	on Oct 12 at hr 22	Hours of Missing Data:	0
Minimum Daily Value:	-2.6	°C	on Oct 12	Hours of Calibration:	0
Monthly Average:	5.1	°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
Oct 1	7.3	7.1	6.9	7	7.3	7.4	7.6	7.9	8.3	8.7	9	9.3	9.6	10.1	10.5	10.8	10.8	10.7	10.1	9.3	9	7.8	6.2	6.1	6.1	10.8	8.5
Oct 2	5.9	6.5	6.5	5.7	4.9	6	6.9	7.3	6.7	6	7.4	8.3	9.4	11.3	13.5	14.7	15	15	12.3	10.5	9.6	8.5	8.8	8.6	4.9	15.0	9.0
Oct 3	7.6	6.5	5.9	6	5.8	6	6.3	7.4	8.8	10.4	11.1	11.4	11.8	11	12.7	13.1	12.8	12.1	11.2	10.8	10.4	9.2	7.4	7.7	5.8	13.1	9.3
Oct 4	7	5.9	3.9	2.7	2.1	2.7	3.7	5.5	6.1	6.4	7	6.5	6.6	7.4	8.4	8.7	8.3	6.4	3.8	1.3	0.8	-0.3	0.1	-0.9	-0.9	8.7	4.6
Oct 5	-1.3	-1.5	-2.4	-2.4	-2.1	-2.1	-2.8	-2.6	-0.6	1.6	4.6	6.5	8.8	10.9	11.9	11.7	11.2	10.5	8.8	7.9	7.7	7.8	7.3	6.4	-2.8	11.9	4.4
Oct 6	6.5	6.1	6.3	6	5.9	5.5	5.2	5.1	5.5	6.1	6.9	8.2	9.6	10.8	11.2	11.4	11.1	10.5	9.8	9.5	9.1	9	8.8	9	5.1	11.4	8.0
Oct 7	8.8	8.5	8.8	9.8	9.4	9.9	9.9	8.7	10	13.1	16.5	17	16.8	17.5	17.5	16.9	16.3	14.8	12.3	10	9.7	8.6	6.8	3.8	3.8	17.5	11.7
Oct 8	2.2	0.5	-0.4	-1	-0.8	-1	-1.7	-2	-0.8	1.5	4.9	7	9.2	10.5	11.2	10.9	10.2	8.3	5.1	3.6	2.5	0.5	-0.2	-0.5	-2.0	11.2	3.3
Oct 9	-0.7	-1.1	-0.8	-0.7	-1	-0.5	-0.4	-0.2	1.2	3.7	6.7	9.9	12.4	13.9	15.1	15.9	15.6	13	11.4	9.6	9.3	9.2	9.1	8.1	-1.1	15.9	6.6
Oct 10	6.9	6.1	5.8	5.5	4.7	4.1	4.6	4.9	6.4	9.1	13.1	15.7	18.3	20.8	21.8	**22.7**	22.4	20	17.9	16.1	15.5	15.7	11.4	10.1	4.1	**22.7**	**12.5**
Oct 11	9.3	7.3	7.1	7.2	6.6	6.4	6.4	5.7	5.2	4.8	3.3	3.9	4	3.7	2.5	1.7	1.4	1.7	1.6	1.2	0.6	0.2	0	-0.2	-0.2	9.3	3.8
Oct 12	-0.4	-0.6	-1.2	-1.1	-1.7	-1.8	-2.3	-1.9	-1.9	-1.7	-1.4	-1.3	-1.3	-1.2	-1.4	-1.3	-1.2	-1.6	-3.5	-5.1	-6.5	-7.5	**-7.6**	-6.9	**-7.6**	-0.4	**-2.6**
Oct 13	-7.5	-6.8	-6.7	-5.3	-6	-5.7	-5.9	-5.7	-5.1	-3	-0.3	1.2	2.1	3.3	4.1	4.3	4	2.5	1.5	0.6	0.8	-0.2	-0.4	-1.5	-7.5	4.3	-1.5
Oct 14	-2.2	-2.4	-2.4	-2.7	-3	-3.3	-3.5	-2.8	-1.2	1.1	3.7	6.4	8.5	9.9	10.8	11.4	11.3	10	8.3	7	5.9	5.5	4.9	4.8	-3.5	11.4	3.6
Oct 15	4.4	4	3.8	3.7	3.9	3.7	3.5	2.9	4.3	6.1	9.1	11.5	13.5	14.6	15.4	15.9	15.5	11.6	10.1	8.3	7.8	6.3	6.1	4.5	2.9	15.9	7.9
Oct 16	2.8	3.3	1.9	2.6	2.7	2.2	2.7	2.9	4.2	5.3	6.4	7.4	8.7	8.6	9.2	9.7	9.9	9.5	10.2	10.3	9.1	7.8	7	6.6	1.9	10.3	6.3
Oct 17	7.5	6.5	6.5	5.7	5	2.9	1.6	2.5	3.5	5.5	7.9	9.5	10.5	11.3	11.7	10.6	10.4	9.9	7.5	6	4.6	3.7	2.9	2.3	1.6	11.7	6.5
Oct 18	2	1.6	0.3	0.7	-0.1	0.2	0.3	0	0.9	3.6	6.3	8.1	9.5	9.8	10.1	10	9.2	6.7	5.2	5.6	6.3	6.8	6.9	6.9	-0.1	10.1	4.9
Oct 19	7	6.6	6.3	6	4.6	2.8	2.6	2.5	2.1	2.1	2.4	3	3.5	3.7	3.8	3.3	2.5	2.3	1.5	1.4	1.6	1.6	1.3	1.3	1.3	7.0	3.2
Oct 20	1.4	1.4	1.4	0.4	0	-0.2	-0.9	-1.2	-0.7	0.2	0.8	2.6	4.2	5.7	7.6	8.8	8.3	6.1	6.4	6.4	6.9	6.8	6.7	6.3	-1.2	8.8	3.6
Oct 21	6.8	5.4	4.3	3.3	2.9	3.6	3.6	2.9	3.7	5.9	7.7	9.8	10.9	10.9	11.6	11.2	10.5	7.9	5.1	4.7	3.9	3.1	1.9	1.5	1.5	11.6	6.0
Oct 22	1.2	1.1	0.8	1.1	1.4	1.1	2	2.6	2.6	4.8	6.9	8.8	10.7	11.7	12.8	13.3	12.8	11.4	10.4	10.5	10.6	10.1	8.6	8.2	0.8	13.3	6.9
Oct 23	8.2	6.9	5.7	4	4	4.3	4.4	4.4	6	7.2	9.8	11.2	12.3	12.9	13.8	15.2	15.2	13.1	12.1	11.6	11.1	10.9	10.9	11.1	4.0	15.2	9.4
Oct 24	9.9	9.1	8.4	6.4	7.1	6.5	4	3.4	3.6	7.4	8.9	12.2	14	14.4	15.3	15	13.1	10.3	9.1	8.9	8.9	8.2	7	5.2	3.4	15.3	9.0
Oct 25	6	6.4	5.8	5.4	4.7	3.9	3.5	1.9	1.8	4	6	7.8	8	8.9	9.5	9.4	8	5.2	2.6	1.5	2.3	2.2	1.2	0.6	0.6	9.5	4.9
Oct 26	1.9	3.1	3.7	4	4.6	5.3	4.6	4.6	4.5	4.5	4.7	3.7	3.3	3.1	2.7	2.5	2.2	2	1.5	0.6	0.1	0	0	0	0.0	5.3	2.8
Oct 27	0	0	0	0	0	0.1	0.2	0.1	0.1	0	-0.1	0	0.4	0.7	0.8	0.9	0.8	0.7	0.5	0.3	0.1	0.1	0	-0.1	-0.1	0.9	0.2
Oct 28	-0.4	-1.2	-1.8	-2.2	-2.1	-1.7	-0.9	-0.9	-1.3	-1.1	-1.2	-1.9	-2	-0.9	0.4	0.2	-0.2	-0.7	-0.7	-0.6	0.3	0.5	0.9	1	-2.2	1.0	-0.8
Oct 29	1.3	1.3	1.1	0.7	0.3	0.2	-0.3	-0.5	-0.3	-0.5	-0.6	-0.2	0.3	0.3	0.7	0.7	0.2	0.2	0.2	0.2	0.1	0.2	0	-0.7	-0.7	1.3	0.2
Oct 30	-1.1	-1.2	-0.8	-0.5	-0.5	-0.8	-0.9	-1.3	-1.8	-2.1	-1.1	1.3	3.1	5.5	6.5	6.4	4.5	3.2	1.8	2	1.8	1.5	3.3	3.4	-2.1	6.5	1.3
Oct 31	3.4	2	1.4	1.6	1.6	1.5	1.9	2.7	3.5	4.6	5.4	6.5	7.1	7.6	7.8	7.9	7.1	6.8	6.7	6	5.7	5.8	5.8	5.4	1.4	7.9	4.8
Diurnal Maximum	9.9	9.1	8.8	9.8	9.4	9.9	9.9	8.7	10.0	13.1	16.5	17.0	18.3	20.8	21.8	22.7	22.4	20.0	17.9	16.1	15.5	15.7	11.4	11.1			
Diurnal Average	3.6	3.2	2.8	2.6	2.3	2.2	2.1	2.2	2.8	4.0	5.5	6.8	7.9	8.7	9.3	9.5	9.0	7.7	6.5	5.7	5.3	4.8	4.3	3.8			

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

Reno-B Station - October 2025

Summary of Hourly Averages

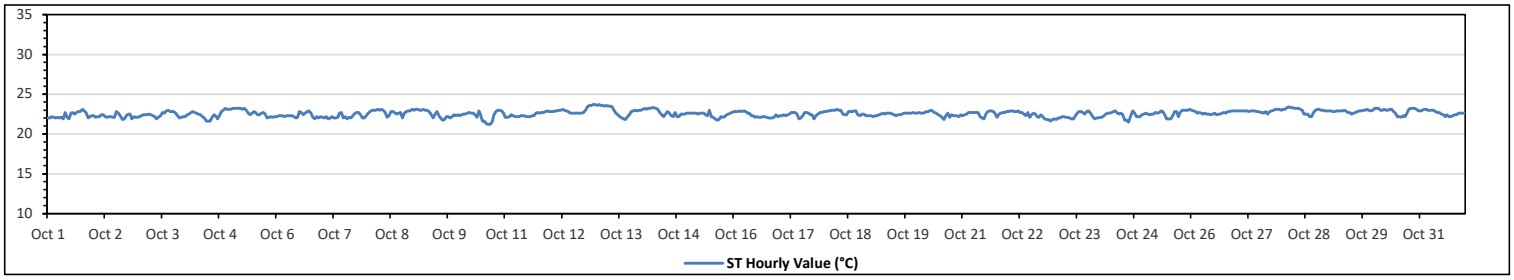
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	23.7	°C	on Oct 12 at hr 22	Hours in Service:	744
Maximum Daily Value:	23.0	°C	on Oct 12	Hours of Data:	744
Minimum Hourly Value:	21.2	°C	on Oct 10 at hr 15	Hours of Missing Data:	0
Minimum Daily Value:	22.2	°C	on Oct 7	Hours of Calibration:	0
Monthly Average:	22.6	°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
Oct 1	22.0	22.0	22.2	22.1	22.0	22.1	22.0	22.1	21.9	22.7	22.1	21.9	22.6	22.7	22.5	22.7	22.8	22.8	23.1	22.9	22.6	22.0	22.2	22.3	21.9	23.1	22.3
Oct 2	22.3	22.1	22.2	22.2	22.4	22.4	22.2	22.1	22.2	22.2	22.1	22.1	22.8	22.6	22.3	21.8	21.9	22.3	22.5	22.5	21.9	22.2	22.1	22.1	21.8	22.8	22.2
Oct 3	22.2	22.3	22.4	22.4	22.4	22.5	22.4	22.3	22.2	21.9	22.1	22.3	22.7	22.6	22.9	23.0	22.8	22.8	22.8	22.6	22.3	22.0	22.1	22.2	21.9	23.0	22.4
Oct 4	22.2	22.4	22.5	22.7	22.8	22.7	22.6	22.5	22.4	22.2	22.0	21.6	21.6	21.6	22.1	22.4	22.3	21.9	22.3	22.8	23.0	23.2	23.1	23.1	21.6	23.2	22.4
Oct 5	23.1	23.2	23.2	23.2	23.2	23.2	23.1	23.2	23.0	22.6	22.4	22.6	22.8	22.7	22.4	22.4	22.6	22.7	22.5	22.0	22.1	22.2	22.1	22.2	22.0	23.2	22.7
Oct 6	22.2	22.3	22.3	22.3	22.2	22.3	22.3	22.3	22.3	22.2	22.0	22.1	22.8	22.7	22.4	22.6	22.8	22.9	22.6	22.1	21.9	22.2	22.0	22.2	21.9	22.9	22.3
Oct 7	22.1	22.0	22.2	21.9	22.0	22.2	22.0	22.0	22.1	22.6	22.7	22.0	22.2	21.9	22.1	22.0	22.3	22.6	22.7	22.7	22.4	22.0	22.0	22.3	21.9	22.7	**22.2**
Oct 8	22.6	22.8	23.0	23.0	23.0	23.1	23.0	23.1	23.0	22.7	22.1	22.3	22.8	22.8	22.6	22.5	22.6	22.7	22.0	22.6	22.8	22.9	22.9	23.1	22.0	23.1	22.8
Oct 9	23.0	23.1	23.1	23.0	23.0	23.1	23.0	23.0	22.8	22.5	22.0	22.5	22.8	22.3	22.0	21.7	21.8	22.2	22.2	22.0	22.2	22.4	22.3	22.4	21.7	23.1	22.5
Oct 10	22.3	22.4	22.5	22.5	22.6	22.7	22.6	22.6	22.4	22.1	22.9	22.4	21.6	21.6	21.3	**21.2**	**21.2**	21.5	22.4	22.8	23.0	23.0	22.9	22.6	**21.2**	23.0	22.3
Oct 11	22.1	22.1	22.2	22.4	22.3	22.2	22.2	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.3	22.3	22.6	22.7	22.6	22.7	22.7	22.8	22.9	22.8	22.1	22.9	22.4
Oct 12	22.8	22.8	22.9	22.9	23.0	23.0	23.1	23.0	22.9	22.8	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	23.0	23.4	23.6	23.6	**23.7**	**23.7**	22.6	**23.7**	**23.0**
Oct 13	23.6	**23.7**	23.6	23.6	23.5	23.6	23.5	23.5	23.4	23.0	22.6	22.4	22.2	22.0	21.9	21.8	22.2	22.4	22.8	22.9	23.0	22.9	23.0	23.0	21.8	**23.7**	22.9
Oct 14	23.1	23.2	23.1	23.2	23.2	23.3	23.3	23.2	23.1	22.7	22.4	22.2	22.5	22.8	22.6	22.3	22.2	22.7	22.2	22.2	22.5	22.5	22.5	22.6	22.2	23.3	22.7
Oct 15	22.6	22.6	22.6	22.6	22.6	22.5	22.6	22.6	22.6	22.4	22.3	23.0	22.2	22.1	21.9	21.7	21.8	22.2	22.1	22.2	22.4	22.5	22.6	22.7	21.7	23.0	22.4
Oct 16	22.8	22.8	22.8	22.9	22.8	22.9	22.8	22.6	22.6	22.3	22.3	22.1	22.2	22.1	22.1	22.2	22.2	22.1	22.0	22.0	22.0	22.1	22.4	22.2	22.0	22.9	22.4
Oct 17	22.3	22.3	22.4	22.3	22.4	22.5	22.7	22.7	22.7	22.5	21.9	22.0	22.3	22.7	22.7	22.6	22.4	22.4	21.9	22.3	22.5	22.7	22.7	22.8	21.9	22.8	22.4
Oct 18	22.8	22.9	22.9	23.0	23.0	23.0	23.1	23.0	23.0	22.5	22.4	22.4	22.8	22.8	22.8	22.9	22.9	22.4	22.3	22.5	22.5	22.3	22.3	22.3	22.3	23.1	22.7
Oct 19	22.3	22.2	22.3	22.3	22.4	22.5	22.6	22.5	22.6	22.6	22.6	22.5	22.4	22.3	22.4	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.7	22.6	22.2	22.7	22.5
Oct 20	22.6	22.7	22.6	22.6	22.7	22.8	22.8	23.0	22.9	22.7	22.6	22.4	22.3	22.1	21.8	22.3	22.6	22.1	22.4	22.3	22.3	22.3	22.2	22.4	21.8	23.0	22.5
Oct 21	22.3	22.4	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.2	22.0	21.9	22.5	22.8	22.9	22.9	22.8	22.5	22.1	22.5	22.6	22.7	22.7	22.8	21.9	22.9	22.6
Oct 22	22.8	22.9	22.9	22.8	22.8	22.9	22.7	22.7	22.5	22.3	22.7	22.1	22.4	22.6	22.5	22.2	22.1	22.4	22.2	21.9	21.8	21.8	21.6	21.8	21.6	22.9	22.4
Oct 23	21.9	21.8	22.0	22.0	22.2	22.2	22.1	22.1	22.0	21.9	21.9	22.3	22.6	22.8	22.8	22.7	22.5	22.8	22.9	22.6	22.2	21.9	22.0	22.0	21.8	22.9	22.3
Oct 24	22.1	22.1	22.3	22.5	22.6	22.6	22.7	22.8	22.9	22.6	22.5	22.6	22.4	21.7	21.7	21.5	22.3	22.9	22.6	22.2	22.2	22.2	22.4	22.5	21.5	22.9	22.4
Oct 25	22.6	22.5	22.4	22.5	22.5	22.7	22.6	22.7	22.9	22.8	22.4	21.9	21.9	21.9	22.3	22.8	22.8	22.2	22.7	23.0	23.0	23.0	23.0	23.1	21.9	23.1	22.6
Oct 26	23.0	22.9	22.8	22.6	22.7	22.6	22.5	22.6	22.5	22.5	22.4	22.5	22.6	22.4	22.5	22.5	22.6	22.7	22.6	22.8	22.8	22.9	22.9	22.9	22.4	23.0	22.7
Oct 27	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.9	22.9	22.9	22.8	22.8	22.7	22.7	22.6	22.8	22.5	22.8	22.9	23.0	23.1	23.1	23.1	23.0	22.5	23.1	22.9
Oct 28	23.1	23.1	23.3	23.4	23.3	23.3	23.2	23.2	23.2	23.1	23.0	22.5	22.5	22.5	22.2	22.2	22.7	23.0	23.1	23.1	23.0	23.0	22.9	22.9	22.2	23.4	23.0
Oct 29	22.9	22.9	22.8	22.8	22.9	22.9	22.9	22.9	23.0	22.9	22.7	22.7	22.5	22.6	22.7	22.8	22.9	22.9	23.0	23.0	23.1	23.0	22.9	23.0	22.5	23.1	22.9
Oct 30	23.2	23.2	23.2	23.0	23.0	23.1	23.0	23.0	23.1	23.1	22.8	22.6	22.2	22.2	22.1	22.3	22.2	22.6	23.1	23.2	23.2	23.2	23.1	22.9	22.1	23.2	22.9
Oct 31	22.9	23.0	23.1	23.1	23.0	23.0	23.0	23.0	22.8	22.7	22.7	22.5	22.4	22.2	22.4	22.2	22.2	22.3	22.4	22.4	22.6	22.6	22.6	22.6	22.2	23.1	22.7
Diurnal Maximum	23.6	23.7	23.6	23.6	23.5	23.6	23.5	23.5	23.4	23.1	23.0	23.0	22.8	22.8	22.9	23.0	22.9	23.0	23.1	23.4	23.6	23.6	23.7	23.7			
Diurnal Average	22.6	22.6	22.7	22.7	22.7	22.8	22.7	22.7	22.7	22.5	22.4	22.3	22.4	22.4	22.3	22.3	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6			

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 - October 2025

Summary of Hourly Averages

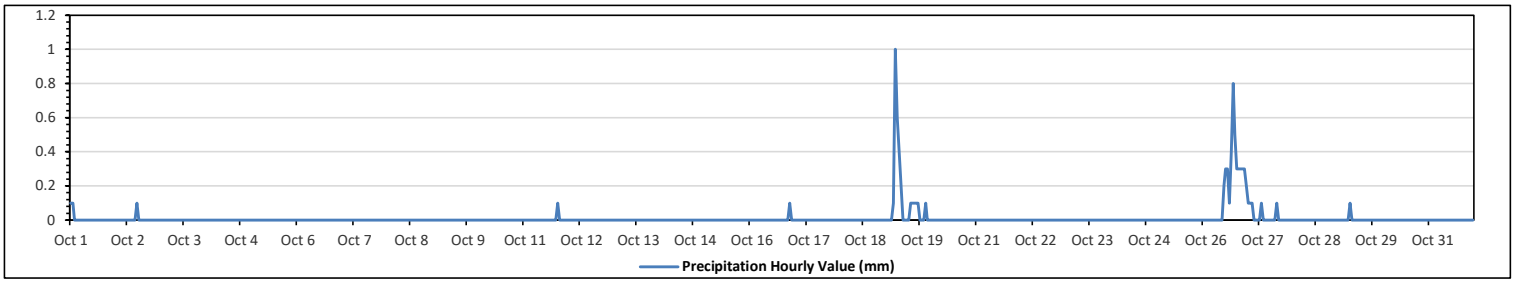
PRECIPITATION in mm

Maximum Hourly Value:	1.0	mm	on Oct 19 at hr 5	Hours in Service:	744	
Maximum Daily Value:	4.3	mm	on Oct 26	Hours of Data:	744	
Minimum Hourly Value:	0.0	mm	on Oct 1 at hr 2	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	mm	on Oct 3	Hours of Calibration:	0	
Monthly Total:	8.3	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
Oct 1	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	0.1	0.2
Oct 2	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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 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
Oct 11	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	0.1	0.1
Oct 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	0.0
Oct 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
Oct 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
Oct 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
Oct 16	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	0.1	0.1
Oct 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
Oct 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
Oct 19	0	0	0	0	0.1	**1**	0.6	0.4	0.2	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0	0	0.0	**1.0**	2.9
Oct 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
Oct 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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 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
Oct 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
Oct 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
Oct 26	0	0	0	0	0	0	0	0	0	0	0	0.2	0.3	0.3	0.1	0.4	0.8	0.5	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.8	**4.3**
Oct 27	0.1	0.1	0.1	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.0	0.1	0.5
Oct 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
Oct 29	0	0	0	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	0.1	0.1
Oct 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Oct 31	0	0	0	0	0	0	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	0.1	0.1	0.1	0.0	0.1	1.0	0.6	0.4	0.2	0.0	0.0	0.2	0.3	0.3	0.1	0.4	0.8	0.5	0.3	0.3	0.3	0.3	0.3	0.2			
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

Reno-B Station - October 2025

Summary of Hourly Averages

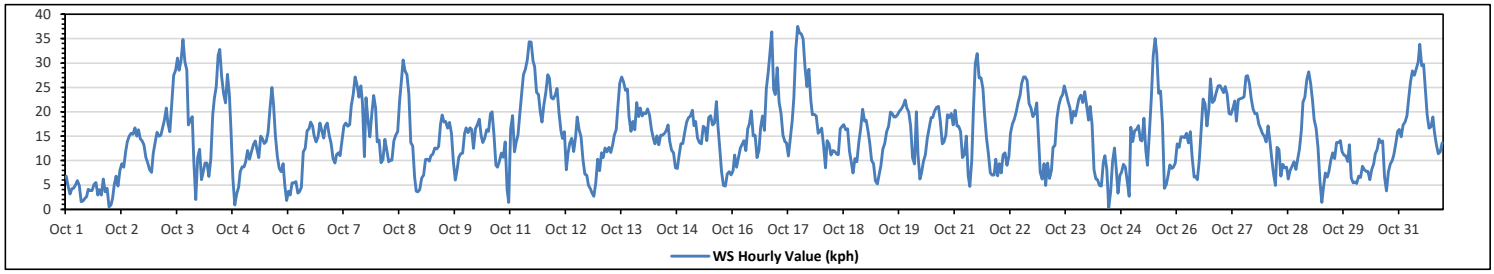
VECTOR WIND SPEED (VWS) in km/hr

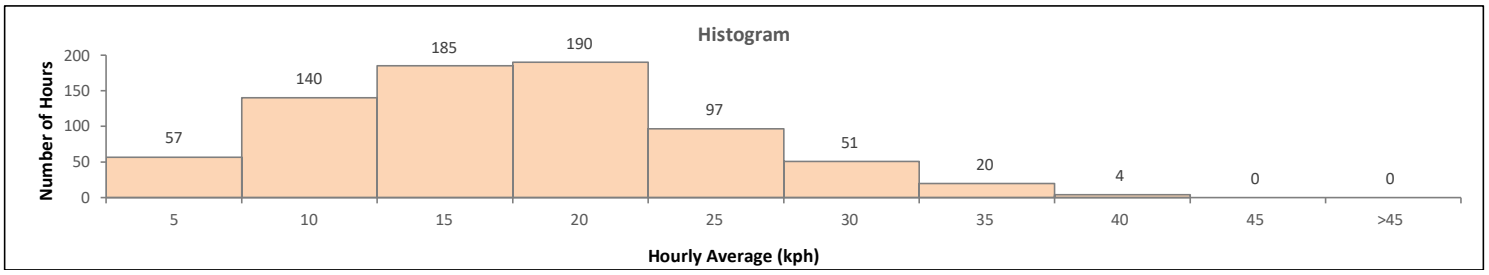
Maximum Hourly Value:	37.5	kph	on Oct 17 at hr 11	Hours in Service:	744	
Maximum Daily Value:	23.6	kph	on Oct 11	Hours of Data:	744	
Minimum Hourly Value:	0.4	kph	on Oct 24 at hr 11	Hours of Missing Data:	0	
Minimum Daily Value:	3.9	kph	on Oct 1	Hours of Calibration:	0	
Monthly Average:	5.3	kph		Operational 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			
Oct 1	6.8	4.8	3.1	4.2	4.3	5.0	5.9	4.9	1.6	1.7	2.3	2.6	4.1	3.9	3.9	5.1	5.5	2.9	4.0	2.9	6.2	3.6	4.3	0.5	0.5	6.8	**3.9**
Oct 2	0.9	2.2	4.9	6.8	4.8	8.0	9.4	8.6	11.9	13.8	15.0	15.6	15.4	16.7	15.0	16.3	14.4	14.1	13.2	10.7	9.5	8.1	7.6	11.4	0.9	16.7	10.6
Oct 3	13.7	15.8	15.0	15.2	16.9	18.3	20.8	17.6	15.9	21.7	27.5	28.5	31.0	28.5	30.5	34.8	30.3	28.6	17.3	18.2	19.0	9.7	2.0	10.6	2.0	34.8	20.3
Oct 4	12.3	6.1	7.9	9.5	9.5	6.7	10.3	19.3	22.7	25.2	31.6	32.8	27.1	23.7	21.8	27.7	23.5	16.3	6.3	0.9	3.2	4.6	7.7	8.7	0.9	32.8	15.2
Oct 5	8.7	9.7	12.0	10.3	11.8	13.2	14.0	12.0	10.6	15.0	14.4	13.5	13.9	15.8	20.7	25.0	21.5	15.0	10.8	8.4	7.7	9.4	5.1	1.8	1.8	25.0	12.5
Oct 6	3.7	2.9	5.4	5.4	5.7	3.3	3.6	4.5	11.8	12.5	16.1	16.5	17.9	17.1	15.1	13.8	14.8	17.7	16.1	14.6	17.0	17.7	15.2	13.5	2.9	17.9	11.7
Oct 7	10.4	9.5	11.2	11.6	11.0	14.1	17.1	17.7	17.0	17.4	21.2	23.5	27.1	25.5	23.0	25.3	21.8	10.8	22.9	18.4	14.9	19.5	23.3	20.8	9.5	27.1	18.1
Oct 8	13.8	14.2	9.6	10.2	14.3	12.1	9.7	10.1	10.1	14.0	15.2	15.9	22.2	26.6	30.6	28.4	27.6	23.6	13.7	13.0	6.5	3.7	3.6	4.0	3.6	30.6	14.7
Oct 9	6.4	7.0	10.2	10.3	9.9	11.0	11.3	12.6	12.4	12.9	17.5	19.3	17.9	18.0	16.6	17.8	15.6	9.8	6.0	7.8	10.7	11.4	11.5	15.5	6.0	19.3	12.5
Oct 10	16.7	15.7	16.7	16.4	12.5	16.5	17.4	18.5	15.1	13.7	14.6	16.3	16.0	19.6	20.0	15.2	9.0	8.6	9.9	11.5	10.7	13.8	4.0	1.4	1.4	20.0	13.7
Oct 11	16.4	19.2	11.8	13.7	15.3	19.8	24.1	27.6	28.7	30.6	34.4	34.3	30.4	29.2	24.0	23.5	19.8	17.9	21.5	24.0	27.6	26.9	22.9	22.6	11.8	34.4	**23.6**
Oct 12	23.4	24.8	19.9	16.2	14.5	15.9	8.1	11.3	13.6	14.5	11.9	14.9	18.9	16.3	14.9	10.2	7.2	7.0	5.0	4.2	3.4	2.7	5.4	10.3	2.7	24.8	12.3
Oct 13	7.9	11.6	10.6	12.6	11.8	12.7	11.7	13.3	15.2	16.4	21.0	25.9	27.1	26.1	24.4	24.6	19.0	16.0	18.0	16.3	21.9	19.0	20.8	19.1	7.9	27.1	17.6
Oct 14	19.8	19.6	20.6	19.3	16.4	14.5	13.4	15.1	13.2	15.2	15.2	15.6	16.1	17.3	14.0	12.1	11.6	8.5	8.4	11.3	13.4	13.5	15.8	17.9	8.4	20.6	14.9
Oct 15	18.8	19.1	20.3	17.2	18.0	14.6	13.7	13.4	17.0	16.6	14.1	18.8	19.2	17.3	17.7	22.1	16.9	12.1	7.8	4.9	4.8	7.3	7.7	7.1	4.8	22.1	14.4
Oct 16	7.9	11.1	8.6	10.6	12.6	13.4	14.1	12.0	16.5	17.5	20.2	15.1	15.2	10.6	12.1	16.6	19.1	16.2	24.7	28.1	31.8	36.4	24.5	23.5	7.9	36.4	17.4
Oct 17	29.0	22.0	19.7	15.2	13.9	13.6	10.9	14.5	18.2	22.8	32.7	**37.5**	36.1	36.0	34.9	29.0	25.2	28.7	22.4	19.4	19.5	19.1	15.6	16.0	10.9	**37.5**	23.0
Oct 18	16.6	13.0	8.5	14.1	13.4	11.1	12.0	11.9	11.3	11.2	16.5	17.0	17.4	16.3	16.5	11.9	9.5	7.4	10.4	9.7	13.7	16.6	20.5	18.1	7.4	20.5	13.5
Oct 19	18.3	16.0	13.7	10.0	9.4	5.8	5.2	7.3	8.9	12.3	13.5	15.9	17.0	19.9	19.7	18.9	18.9	19.4	20.1	20.6	21.3	22.4	20.8	20.0	5.2	22.4	15.6
Oct 20	17.1	10.6	9.3	20.0	11.2	6.2	7.4	9.8	11.2	14.5	16.7	18.8	18.8	20.2	20.9	21.1	17.9	13.4	13.8	15.2	19.4	18.8	19.7	17.3	6.2	21.1	15.4
Oct 21	20.3	17.1	17.0	16.0	10.6	11.2	15.0	6.8	4.7	10.0	20.2	29.9	31.9	26.9	26.9	24.7	19.5	14.7	11.4	7.4	7.0	7.1	10.3	6.9	4.7	31.9	15.6
Oct 22	9.4	7.4	11.2	11.6	9.0	10.8	15.6	17.5	18.5	20.0	22.0	23.4	25.8	27.1	27.1	26.4	21.7	20.8	19.0	19.7	21.8	15.4	7.6	6.2	6.2	27.1	17.3
Oct 23	9.4	4.9	9.5	6.3	8.0	12.7	13.1	18.6	21.3	22.8	23.5	25.3	23.8	22.1	20.7	17.7	20.1	19.1	21.1	22.7	23.4	21.9	24.1	21.2	4.9	25.3	18.1
Oct 24	18.3	21.1	17.4	8.1	6.2	6.1	4.9	4.8	9.6	11.0	8.2	**0.4**	3.6	9.7	12.6	8.7	3.3	7.0	7.6	9.2	8.6	5.7	2.7	16.8	**0.4**	21.1	8.8
Oct 25	13.9	16.1	16.4	17.2	14.2	14.0	18.7	12.0	9.0	15.6	22.7	31.4	35.0	32.1	23.8	24.3	17.6	4.3	5.1	7.1	9.1	8.4	8.6	9.5	4.3	35.0	16.1
Oct 26	13.4	12.7	14.9	14.9	14.7	15.6	13.6	15.9	10.5	6.6	6.7	6.1	10.1	16.4	22.6	21.6	17.1	20.6	26.7	21.9	22.3	24.0	25.3	25.4	6.1	26.7	16.7
Oct 27	24.7	23.9	25.2	23.6	19.7	19.5	20.7	22.2	18.1	22.5	22.7	22.8	23.1	27.3	27.4	25.7	22.9	20.6	19.6	19.7	17.5	16.5	15.6	15.0	15.0	27.4	21.5
Oct 28	13.8	17.1	13.8	10.1	7.3	4.9	12.7	12.2	6.8	9.2	8.5	8.6	6.2	8.0	8.8	9.7	8.2	10.5	12.3	16.2	22.0	23.0	26.6	28.2	4.9	28.2	12.7
Oct 29	25.8	22.2	18.4	16.6	12.7	5.8	1.4	4.4	7.4	6.6	7.7	10.0	11.6	10.4	13.7	13.7	14.1	11.9	11.1	10.9	9.8	13.2	6.4	5.4	1.4	25.8	11.3
Oct 30	5.6	5.3	6.8	6.5	8.8	8.1	7.8	7.8	6.1	8.2	9.3	11.4	12.3	14.4	13.7	14.0	6.6	3.8	7.7	9.3	10.0	11.2	13.4	16.0	3.8	16.0	9.3
Oct 31	16.4	14.9	17.3	17.9	19.2	22.5	26.1	28.4	27.5	28.8	30.1	33.8	29.4	29.7	25.1	19.5	16.6	16.9	18.9	15.8	13.2	11.4	11.8	13.6	11.4	33.8	21.0
Diurnal Maximum	29.0	24.8	25.2	23.6	19.7	22.5	26.1	28.4	28.7	30.6	34.4	37.5	36.1	36.0	34.9	34.8	30.3	28.7	26.7	28.1	31.8	36.4	26.6	28.2			
Diurnal Average	14.2	13.5	13.1	12.8	11.9	11.8	12.6	13.3	13.6	15.5	17.8	19.4	20.1	20.3	20.0	19.5	16.7	14.3	14.0	13.5	14.4	14.3	13.2	13.7			

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

Reno-B Station - October 2025

Summary of Hourly Averages

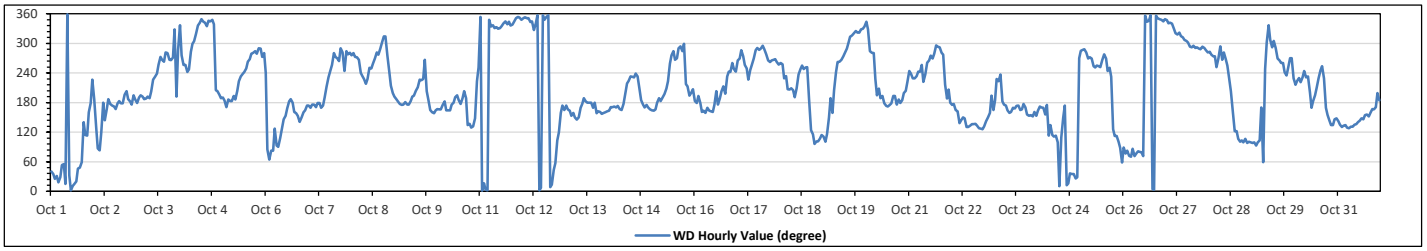
WIND DIRECTION (VWD) in sector

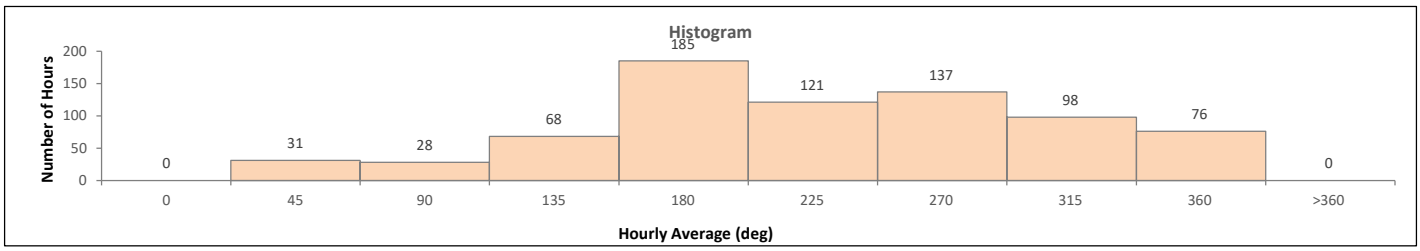
Monthly Average:	223 (SW)	degree	
Hours in Service:	744		
Hours of Data:	744		
Hours of Missing Data:	0		
Hours of Calibration:	0		
Operational Uptime:	100.0		

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
Oct 1	NE	NE	NNE	NNE	NNE	NNE	NE	NE	NNE	N	NNE	N	NNE	NNE	NNE	NE	NE	ENE	SE	ESE	ESE	SSE	S	SW	49	NE
Oct 2	S	SE	E	E	ESE	S	SE	SSE	S	S	S	S	SSE	S	S	S	S	SSW	SSW	S	S	S	SSW	S	175	S
Oct 3	S	S	SSW	S	S	S	S	S	SSW	SW	SW	WSW	WSW	W	W	W	W	W	W	W	W	NNW	S	WNW	242	WSW
Oct 4	NNW	W	WSW	WSW	WSW	WSW	W	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SSW	SSW	SSW	S	322	NW
Oct 5	S	S	S	S	S	S	S	S	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	WNW	W	WNW	WNW	W	W	237	SW
Oct 6	WSW	E	ENE	E	E	SE	E	E	ESE	SE	SE	SSE	SSE	S	S	S	SSE	SSE	SSE	SE	SSE	SSE	SSE	S	153	SSE
Oct 7	S	SSE	S	S	S	S	S	SSE	S	S	SSW	SW	WSW	WSW	W	W	W	W	WNW	W	WSW	WNW	W	W	238	SW
Oct 8	W	W	W	W	W	WSW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	WNW	WNW	NW	NW	W	WSW	SSW	SSW	269	W
Oct 9	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	W	SSW	S	SSE	SSE	SSE	SSE	192	S
Oct 10	SSE	SSE	SSE	S	S	SSE	SSE	SSE	S	S	S	SSW	S	S	S	SSW	S	SE	SE	SE	SE	SE	SW	WSW	172	S
Oct 11	N	N	NNE	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	343	NNW
Oct 12	N	N	N	N	NNW	NNW	NW	NNW	N	N	N	N	NNW	N	N	N	NNE	NE	ENE	ESE	ESE	SSE	S	SSE	357	N
Oct 13	S	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	168	SSE
Oct 14	SSE	S	S	S	SSE	S	SSE	SSE	S	SSW	SW	SW	SW	SW	SW	WSW	SW	SSW	S	S	SSE	S	SSE	SSE	189	S
Oct 15	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	WSW	W	WNW	W	W	WNW	WNW	WNW	WNW	SW	SSW	SSW	SSW	SSW	226	SW
Oct 16	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	WSW	206	SSW
Oct 17	W	W	WNW	W	WSW	WSW	SW	WSW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	W	WSW	274	W
Oct 18	WSW	WSW	SW	SW	SSW	SSW	SSW	SSW	S	SSW	SW	WSW	WSW	WSW	WSW	WSW	S	ESE	ESE	E	E	E	ESE	ESE	205	SSW
Oct 19	ESE	E	ESE	SSE	S	SSE	SSW	WSW	W	W	W	W	W	WNW	WNW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	305	WNW
Oct 20	NNW	NNW	WNW	W	W	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SW	200	SSW
Oct 21	WSW	WSW	SW	SW	SW	WSW	WSW	WSW	SW	SW	W	W	W	W	W	WNW	WNW	WNW	W	W	SW	S	SSW	S	258	WSW
Oct 22	S	S	SSE	SSE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSW	SSE	141	SE
Oct 23	S	SW	SW	SW	S	S	S	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	167	SSE
Oct 24	SSE	S	SSE	SSE	SSE	S	ESE	SE	ESE	ESE	ESE	E	N	ESE	SSE	S	NNE	NNE	NE	NE	NE	NNE	NNE	W	135	SE
Oct 25	WNW	WNW	WNW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	WSW	SW	SE	ESE	ESE	E	E	ENE	264	W
Oct 26	E	ENE	E	ENE	ENE	E	ENE	ENE	E	E	ENE	ENE	N	NNW	NNW	N	N	N	N	N	NNW	NNW	NNW	NNW	21	NNE
Oct 27	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	309	NW
Oct 28	W	W	W	W	WSW	W	WNW	W	W	W	WSW	SW	SSW	SSE	ESE	ESE	ESE	E	ESE	E	ESE	E	E	E	141	SE
Oct 29	E	E	E	E	ESE	SSE	ENE	WSW	WNW	NNW	NW	WNW	WNW	WNW	W	W	WSW	WSW	WSW	SW	WSW	W	W	SW	253	WSW
Oct 30	SW	SW	SW	SW	SW	WSW	SW	SW	SSW	SSE	S	SSW	SSW	SW	WSW	WSW	SW	SSE	SSE	SE	SE	SE	SE	SE	198	SSW
Oct 31	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	S	144	SE

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)			

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 - October 2025

Summary of Hourly Averages

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

WIND SPEED

Maximum Hourly Value:	37.5	kph	on Oct 17 at hr 11	Hours in Service:	744
Maximum Daily Value:	23.6	kph	on Oct 11	Hours of Data:	744
Minimum Hourly Value:	0.4	kph	on Oct 24 at hr 11	Hours of Missing Data:	0
Minimum Daily Value:	3.9	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	5.3	kph		Operational Uptime:	100.0

WIND DIRECTION

Monthly Average: 223 degree (SW)

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			
Oct 1	6.8	4.8	3.1	4.2	4.3	5.0	5.9	4.9	1.6	1.7	2.3	2.6	4.1	3.9	3.9	5.1	5.5	2.9	4.0	2.9	6.2	3.6	4.3	0.5	0.5	6.8	**3.9**
	NE	NE	NNE	NNE	NNE	NNE	NE	NE	NNE	N	NNE	N	NNE	NNE	NNE	NE	NE	ENE	SE	ESE	ESE	SSE	S	SW			49(NE)
Oct 2	0.9	2.2	4.9	6.8	4.8	8.0	9.4	8.6	11.9	13.8	15.0	15.6	15.4	16.7	15.0	16.3	14.4	14.1	13.2	10.7	9.5	8.1	7.6	11.4	0.9	16.7	10.6
	S	SE	E	E	ESE	S	SE	SSE	S	S	S	S	SSE	S	S	S	S	SSW	SSW	S	S	S	SSW	S			175(S)
Oct 3	13.7	15.8	15.0	15.2	16.9	18.3	20.8	17.6	15.9	21.7	27.5	28.5	31.0	28.5	30.5	34.8	30.3	28.6	17.3	18.2	19.0	9.7	2.0	10.6	2.0	34.8	20.3
	S	S	SSW	S	S	S	S	S	SSW	SW	SW	WSW	WSW	W	W	W	W	W	W	W	W	NNW	S	WNW			242(WSW)
Oct 4	12.3	6.1	7.9	9.5	9.5	6.7	10.3	19.3	22.7	25.2	31.6	32.8	27.1	23.7	21.8	27.7	23.5	16.3	6.3	0.9	3.2	4.6	7.7	8.7	0.9	32.8	15.2
	NNW	W	WSW	WSW	WSW	WSW	W	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SSW	SSW	SSW	S			322(NW)
Oct 5	8.7	9.7	12.0	10.3	11.8	13.2	14.0	12.0	10.6	15.0	14.4	13.5	13.9	15.8	20.7	25.0	21.5	15.0	10.8	8.4	7.7	9.4	5.1	1.8	1.8	25.0	12.5
	S	S	S	S	S	S	S	S	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	WNW	W	WNW	WNW	W	W			237(SW)
Oct 6	3.7	2.9	5.4	5.4	5.7	3.3	3.6	4.5	11.8	12.5	16.1	16.5	17.9	17.1	15.1	13.8	14.8	17.7	16.1	14.6	17.0	17.7	15.2	13.5	2.9	17.9	11.7
	WSW	E	ENE	E	E	SE	E	E	ESE	SE	SE	SSE	SSE	S	S	S	SSE	SSE	SSE	SE	SSE	SSE	SSE	S			153(SSE)
Oct 7	10.4	9.5	11.2	11.6	11.0	14.1	17.1	17.7	17.0	17.4	21.2	23.5	27.1	25.5	23.0	25.3	21.8	10.8	22.9	18.4	14.9	19.5	23.3	20.8	9.5	27.1	18.1
	S	SSE	S	S	S	S	S	SSE	S	S	SSW	SW	WSW	WSW	W	W	W	W	WNW	W	WSW	WNW	W	W			238(SW)
Oct 8	13.8	14.2	9.6	10.2	14.3	12.1	9.7	10.1	10.1	14.0	15.2	15.9	22.2	26.6	30.6	28.4	27.6	23.6	13.7	13.0	6.5	3.7	3.6	4.0	3.6	30.6	14.7
	W	W	W	W	W	WSW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	WNW	WNW	NW	NW	W	WSW	SSW	SSW			269(W)
Oct 9	6.4	7.0	10.2	10.3	9.9	11.0	11.3	12.6	12.4	12.9	17.5	19.3	17.9	18.0	16.6	17.8	15.6	9.8	6.0	7.8	10.7	11.4	11.5	15.5	6.0	19.3	12.5
	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	W	SSW	S	SSE	SSE	SSE	SSE			192(S)
Oct 10	16.7	15.7	16.7	16.4	12.5	16.5	17.4	18.5	15.1	13.7	14.6	16.3	16.0	19.6	20.0	15.2	9.0	8.6	9.9	11.5	10.7	13.8	4.0	1.4	1.4	20.0	13.7
	SSE	SSE	SSE	S	S	SSE	SSE	SSE	S	S	S	SSW	S	S	S	SSW	S	SE	SE	SE	SE	SE	SW	WSW			172(S)
Oct 11	16.4	19.2	11.8	13.7	15.3	19.8	24.1	27.6	28.7	30.6	34.4	34.3	30.4	29.2	24.0	23.5	19.8	17.9	21.5	24.0	27.6	26.9	22.9	22.6	11.8	34.4	**23.6**
	N	N	NNE	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW			343(NNW)
Oct 12	23.4	24.8	19.9	16.2	14.5	15.9	8.1	11.3	13.6	14.5	11.9	14.9	18.9	16.3	14.9	10.2	7.2	7.0	5.0	4.2	3.4	2.7	5.4	10.3	2.7	24.8	12.3
	N	N	N	N	NNW	NNW	NW	NNW	N	N	N	N	NNW	N	N	N	NNE	NE	ENE	ESE	ESE	SSE	S	SSE			357(N)
Oct 13	7.9	11.6	10.6	12.6	11.8	12.7	11.7	13.3	15.2	16.4	21.0	25.9	27.1	26.1	24.4	24.6	19.0	16.0	18.0	16.3	21.9	19.0	20.8	19.1	7.9	27.1	17.6
	S	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE			168(SSE)
Oct 14	19.8	19.6	20.6	19.3	16.4	14.5	13.4	15.1	13.2	15.2	15.2	15.6	16.1	17.3	14.0	12.1	11.6	8.5	8.4	11.3	13.4	13.5	15.8	17.9	8.4	20.6	14.9
	SSE	S	S	S	SSE	S	SSE	SSE	S	SSW	SW	SW	SW	SW	SW	WSW	SW	SSW	S	S	SSE	S	SSE	SSE			189(S)
Oct 15	18.8	19.1	20.3	17.2	18.0	14.6	13.7	13.4	17.0	16.6	14.1	18.8	19.2	17.3	17.7	22.1	16.9	12.1	7.8	4.9	4.8	7.3	7.7	7.1	4.8	22.1	14.4
	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	WSW	W	WNW	W	W	WNW	WNW	WNW	WNW	SW	SSW	SSW	SSW	SSW			226(SW)
Oct 16	7.9	11.1	8.6	10.6	12.6	13.4	14.1	12.0	16.5	17.5	20.2	15.1	15.2	10.6	12.1	16.6	19.1	16.2	24.7	28.1	31.8	36.4	24.5	23.5	7.9	36.4	17.4
	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	WSW			206(SSW)
Oct 17	29.0	22.0	19.7	15.2	13.9	13.6	10.9	14.5	18.2	22.8	32.7	**37.5**	36.1	36.0	34.9	29.0	25.2	28.7	22.4	19.4	19.5	19.1	15.6	16.0	10.9	**37.5**	23.0
	W	W	WNW	W	WSW	WSW	SW	WSW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	W	WSW			274(W)
Oct 18	16.6	13.0	8.5	14.1	13.4	11.1	12.0	11.9	11.3	11.2	16.5	17.0	17.4	16.3	16.5	11.9	9.5	7.4	10.4	9.7	13.7	16.6	20.5	18.1	7.4	20.5	13.5
	WSW	WSW	SW	SW	SSW	SSW	SSW	SSW	S	SSW	SW	WSW	WSW	WSW	WSW	WSW	S	ESE	ESE	E	E	E	ESE	ESE			205(SSW)
Oct 19	18.3	16.0	13.7	10.0	9.4	5.8	5.2	7.3	8.9	12.3	13.5	15.9	17.0	19.9	19.7	18.9	18.9	19.4	20.1	20.6	21.3	22.4	20.8	20.0	5.2	22.4	15.6
	ESE	E	ESE	SSE	S	SSE	SSW	WSW	W	W	W	W	W	WNW	WNW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW			305(WNW)
Oct 20	17.1	10.6	9.3	20.0	11.2	6.2	7.4	9.8	11.2	14.5	16.7	18.8	18.8	20.2	20.9	21.1	17.9	13.4	13.8	15.2	19.4	18.8	19.7	17.3	6.2	21.1	15.4
	NNW	NNW	WNW	W	W	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SW			200(SSW)
Oct 21	20.3	17.1	17.0	16.0	10.6	11.2	15.0	6.8	4.7	10.0	20.2	29.9	31.9	26.9	26.9	24.7	19.5	14.7	11.4	7.4	7.0	7.1	10.3	6.9	4.7	31.9	15.6
	WSW	WSW	SW	SW	SW	WSW	WSW	WSW	SW	SW	W	W	W	W	W	WNW	WNW	WNW	W	W	SW	S	SSW	S			258(WSW)
Oct 22	9.4	7.4	11.2	11.6	9.0	10.8	15.6	17.5	18.5	20.0	22.0	23.4	25.8	27.1	27.1	26.4	21.7	20.8	19.0	19.7	21.8	15.4	7.6	6.2	6.2	27.1	17.3
	S	S	SSE	SSE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSW	SSE			141(SE)
Oct 23	9.4	4.9	9.5	6.3	8.0	12.7	13.1	18.6	21.3	22.8	23.5	25.3	23.8	22.1	20.7	17.7	20.1	19.1	21.1	22.7	23.4	21.9	24.1	21.2	4.9	25.3	18.1
	S	SW	SW	SW	S	S	S	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE			167(SSE)
Oct 24	18.3	21.1	17.4	8.1	6.2	6.1	4.9	4.8	9.6	11.0	8.2	**0.4**	3.6	9.7	12.6	8.7	3.3	7.0	7.6	9.2	8.6	5.7	2.7	16.8	**0.4**	21.1	8.8
	SSE	S	SSE	SSE	SSE	S	ESE	SE	ESE	ESE	ESE	E	N	ESE	SSE	S	NNE	NNE	NE	NE	NE	NNE	NNE	W			135(SE)
Oct 25	13.9	16.1	16.4	17.2	14.2	14.0	18.7	12.0	9.0	15.6	22.7	31.4	35.0	32.1	23.8	24.3	17.6	4.3	5.1	7.1	9.1	8.4	8.6	9.5	4.3	35.0	16.1
	WNW	WNW	WNW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	WSW	SW	SE	ESE	ESE	E	E	ENE			264(W)
Oct 26	13.4	12.7	14.9	14.9	14.7	15.6	13.6	15.9	10.5	6.6	6.7	6.1	10.1	16.4	22.6	21.6	17.1	20.6	26.7	21.9	22.3	24.0	25.3	25.4	6.1	26.7	16.7
	E	ENE	E	ENE	ENE	E	ENE	ENE	E	E	ENE	ENE	N	NNW	NNW	N	N	N	N	N	NNW	NNW	NNW	NNW			21(NNE)
Oct 27	24.7	23.9	25.2	23.6	19.7	19.5	20.7	22.2	18.1	22.5	22.7	22.8	23.1	27.3	27.4	25.7	22.9	20.6	19.6	19.7	17.5	16.5	15.6	15.0	15.0	27.4	21.5
	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W			309(NW)
Oct 28	13.8	17.1	13.8	10.1	7.3	4.9	12.7	12.2	6.8	9.2	8.5	8.6	6.2	8.0	8.8	9.7	8.2	10.5	12.3	16.2	22.0	23.0	26.6	28.2	4.9	28.2	12.7
	W	W	W	W	WSW	W	WNW	W	W	W	WSW	SW	SSW	SSE	ESE	ESE	ESE	E	ESE	E	ESE	E	E	E			141(SE)
Oct 29	25.8	22.2	18.4	16.6	12.7	5.8	1.4	4.4	7.4	6.6	7.7	10.0	11.6	10.4	13.7	13.7	14.1	11.9	11.1	10.9	9.8	13.2	6.4	5.4	1.4	25.8	11.3
	E	E	E	E	ESE	SSE	ENE	WSW	WNW	NNW	NW	WNW	WNW	WNW	W	W	WSW	WSW	WSW	SW	WSW	W	W	SW			253(WSW)
Oct 30	5.6	5.3	6.8	6.5	8.8	8.1	7.8	7.8	6.1	8.2	9.3	11.4	12.3	14.4	13.7	14.0	6.6	3.8	7.7	9.3	10.0	11.2	13.4	16.0	3.8	16.0	9.3
	SW	SW	SW	SW	SW	WSW	SW	SW	SSW	SSE	S	SSW	SSW	SW	WSW	WSW	SW	SSE	SSE	SE	SE	SE	SE	SE			198(SSW)
Oct 31	16.4	14.9	17.3	17.9	19.2	22.5	26.1	28.4	27.5	28.8	30.1	33.8	29.4	29.7	25.1	19.5	16.6	16.9	18.9	15.8	13.2	11.4	11.8	13.6	11.4	33.8	21.0
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	S			144(SE)

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)				

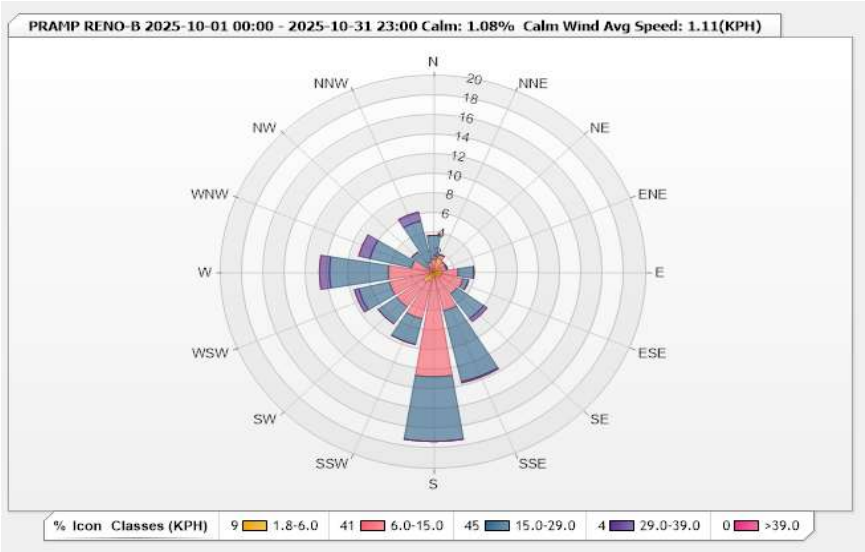
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

Station: PRAMP RENO-B Monitor: WDS [KPH] Monthly: 10-2025

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

Calm (WS<1.8kph): 1.08% 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	0.27	1.08	2.42	0	0	3.77
NNE	1.48	0.4	0	0	0	1.88
NE	0.67	0.67	0	0	0	1.34
ENE	0.4	0.81	0.13	0	0	1.34
E	0.81	1.48	1.48	0	0	3.77
ESE	0.67	2.15	0.54	0	0	3.36
SE	0.67	2.02	3.09	0.4	0	6.18
SSE	0.4	3.63	7.39	0.13	0	11.55
S	0.54	10.08	6.59	0	0	17.21
SSW	0.94	3.9	2.69	0	0	7.53
SW	1.21	3.09	2.15	0	0	6.45
WSW	0.4	3.9	2.96	0.4	0	7.66
W	0.4	3.9	5.51	0.94	0	10.75
WNW	0	2.15	4.03	1.08	0	7.26
NW	0	0.54	2.02	0	0	2.56
NNW	0	1.08	4.3	0.94	0	6.32
Summary	8.86	40.88	45.3	3.89	0	98.93



PRC STATION

Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO_2) in ppb

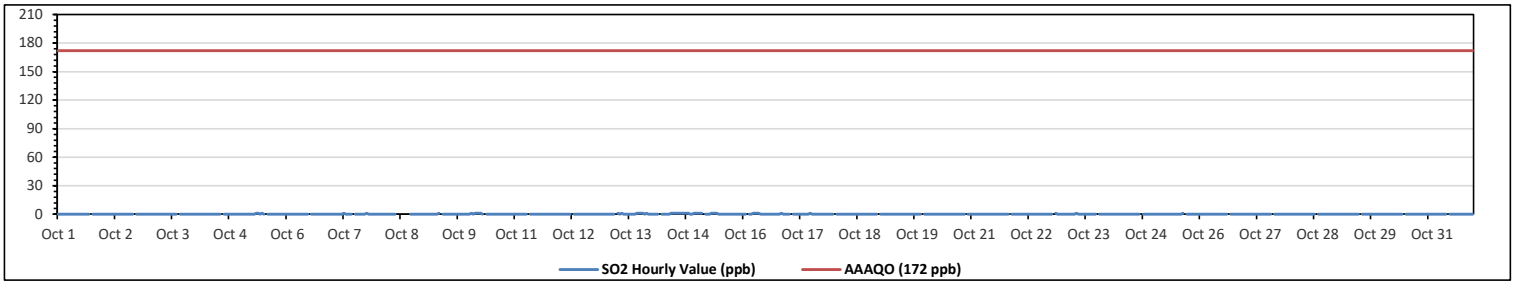
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb

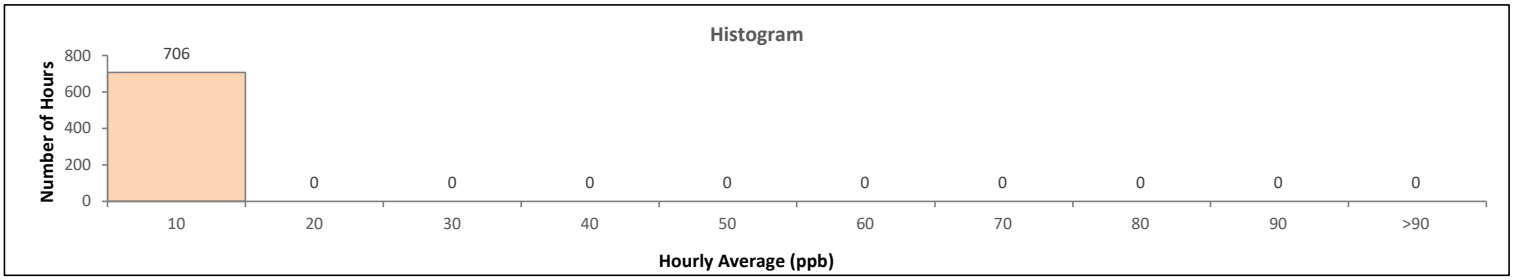
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0	30-Day Exceedence:	0	
Maximum Hourly Value:	1	ppb	on Oct 5 at hr 8	Hours in Service:	744	
Maximum Daily Value:	0.5	ppb	on Oct 14	Hours of Data:	706	
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	ppb	on Oct 1	Hours of Calibration:	38	
Monthly Average:	0.1	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			
Oct 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	0.0
Oct 2	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
Oct 3	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
Oct 4	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
Oct 5	0	0	0	0	0	0	0	0	1	1	0	1	0	S	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 6	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
Oct 7	0	0	0	0	0	0	1	0	0	0	0	S	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
Oct 8	0	0	0	0	0	0	0	0	0	0	S	C	C	C	C	C	C	0	0	0	0	0	0	0	0	0	NA
Oct 9	0	0	0	0	0	0	0	0	1	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 10	0	1	0	1	1	1	1	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Oct 11	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
Oct 12	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
Oct 13	0	0	0	0	0	S	1	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	0.3
Oct 14	0	0	0	0	S	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	**0.5**
Oct 15	1	1	1	S	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3
Oct 16	0	0	S	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.2
Oct 17	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
Oct 18	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
Oct 19	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
Oct 20	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
Oct 21	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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	1	0.0
Oct 23	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	1	0.0
Oct 24	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
Oct 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	S	0	0	0	0	0	0	0	0	1	0.0
Oct 26	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
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	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
Oct 31	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
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			
Diurnal Average	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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.



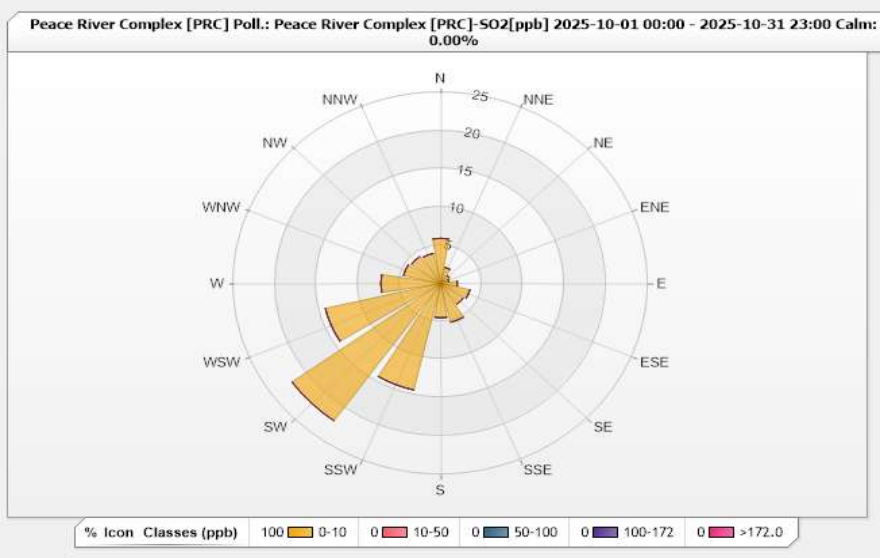


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-SO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 93.01% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	5.92	0	0	0	0	5.92
NNE	2.17	0	0	0	0	2.17
NE	1.3	0	0	0	0	1.3
ENE	1.01	0	0	0	0	1.01
E	2.02	0	0	0	0	2.02
ESE	3.61	0	0	0	0	3.61
SE	3.32	0	0	0	0	3.32
SSE	5.2	0	0	0	0	5.2
S	4.48	0	0	0	0	4.48
SSW	14.31	0	0	0	0	14.31
SW	22.11	0	0	0	0	22.11
WSW	14.31	0	0	0	0	14.31
W	7.23	0	0	0	0	7.23
WNW	4.62	0	0	0	0	4.62
NW	4.34	0	0	0	0	4.34
NNW	4.05	0	0	0	0	4.05
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

HYDROGEN SULPHIDE (H_2S) in ppb

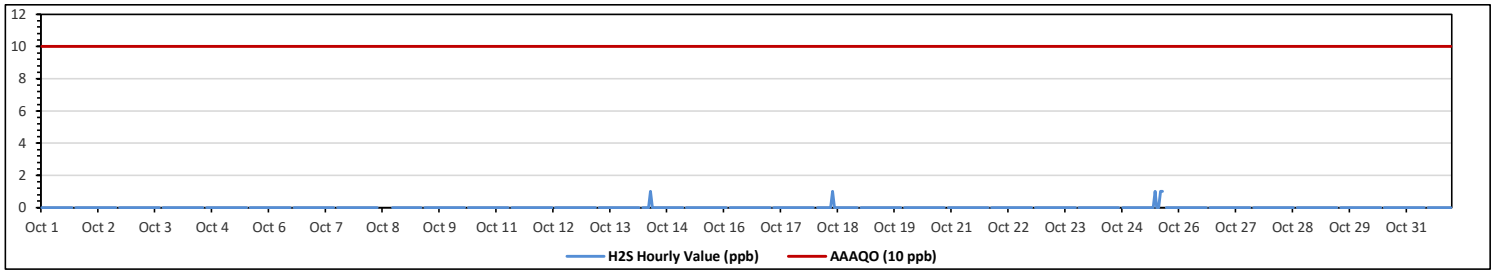
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 10 ppb, 24-Hour 3 ppb

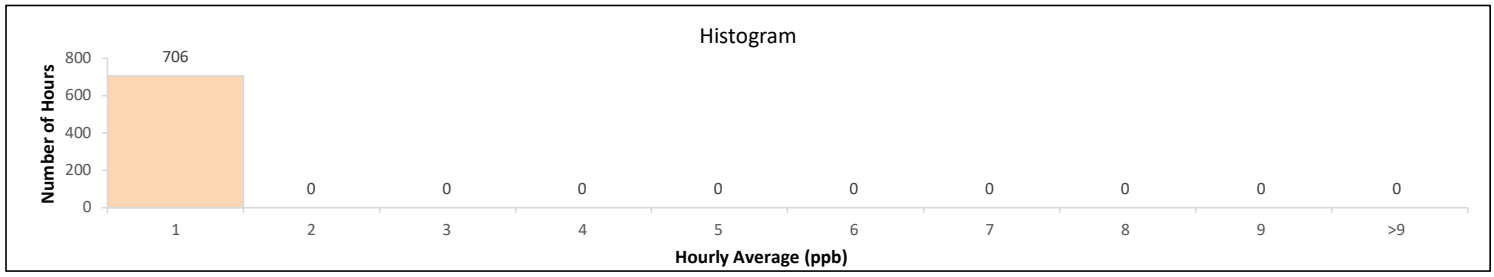
Number of 1-Hour Exceedances:	0		Number of 24-Hour Exceedances:	0	
Maximum Hourly Value:	1	ppb	on Oct 14 at hr 9	Hours in Service:	744
Maximum Daily Value:	0.0	ppb	on Oct 1	Hours of Data:	706
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0	ppb	on Oct 1	Hours of Calibration:	38
Monthly Average:	0.0	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			
Oct 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	0.0
Oct 2	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
Oct 3	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
Oct 4	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
Oct 5	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
Oct 6	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
Oct 7	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
Oct 8	0	0	0	0	0	0	0	0	0	0	S	C	C	C	C	C	C	0	0	0	0	0	0	0	0	0	-
Oct 9	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
Oct 10	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
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	0	0	0	0	S	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 15	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
Oct 16	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
Oct 17	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
Oct 18	S	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	1	0.0
Oct 19	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
Oct 20	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
Oct 21	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
Oct 22	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
Oct 23	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
Oct 24	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
Oct 25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	S	0	0	0	0	0	0	0	0	1	0.0
Oct 26	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
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	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
Oct 31	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
Diurnal Maximum	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	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	0.1	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			

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.



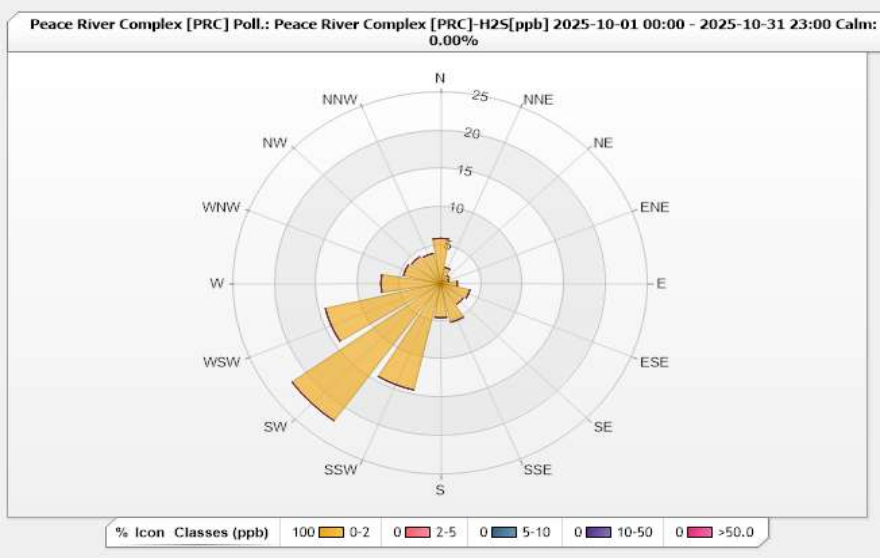


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-H2S[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 93.01% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	5.92	0	0	0	0	5.92
NNE	2.17	0	0	0	0	2.17
NE	1.3	0	0	0	0	1.3
ENE	1.01	0	0	0	0	1.01
E	2.02	0	0	0	0	2.02
ESE	3.61	0	0	0	0	3.61
SE	3.32	0	0	0	0	3.32
SSE	5.2	0	0	0	0	5.2
S	4.48	0	0	0	0	4.48
SSW	14.31	0	0	0	0	14.31
SW	22.11	0	0	0	0	22.11
WSW	14.31	0	0	0	0	14.31
W	7.23	0	0	0	0	7.23
WNW	4.62	0	0	0	0	4.62
NW	4.34	0	0	0	0	4.34
NNW	4.05	0	0	0	0	4.05
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

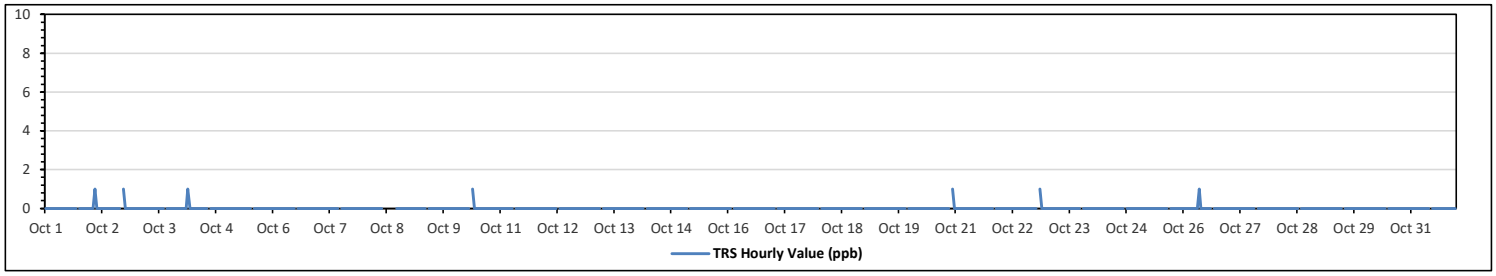
TOTAL REDUCED SULPHUR (TRS) in ppb

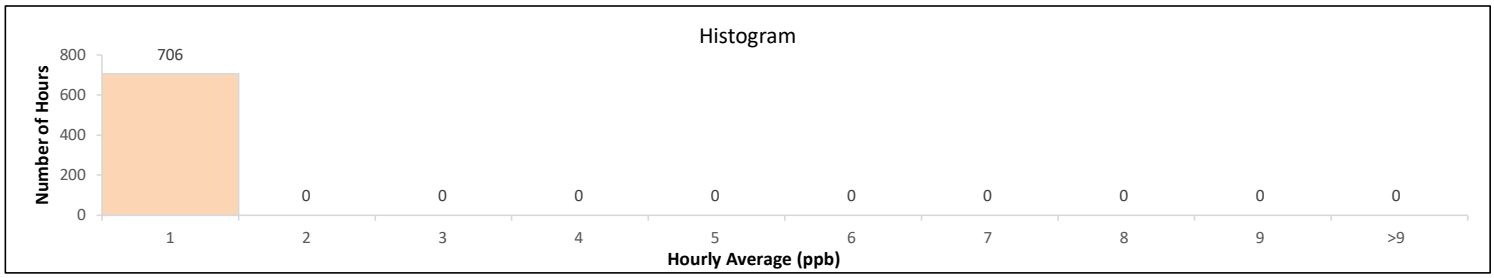
Maximum Hourly Value:	1	ppb	on Oct 2 at hr 2	Hours in Service:	744	
Maximum Daily Value:	0.1	ppb	on Oct 2	Hours of Data:	706	
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	ppb	on Oct 1	Hours of Calibration:	38	
Monthly Average:	0.0	ppb		Operational Uptime:	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			
Oct 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	0.0
Oct 2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	1	0.1
Oct 3	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
Oct 4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 5	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
Oct 6	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
Oct 7	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
Oct 8	0	0	0	0	0	0	0	0	0	0	S	C	C	C	C	C	C	0	0	0	0	0	0	0	0	0	NA
Oct 9	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
Oct 10	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	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
Oct 15	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
Oct 16	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
Oct 17	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
Oct 18	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
Oct 19	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
Oct 20	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
Oct 21	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
Oct 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	1	0.0
Oct 23	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
Oct 24	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
Oct 25	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
Oct 26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	1	0.0
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	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
Oct 31	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
Diurnal Maximum	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	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	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 - October 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

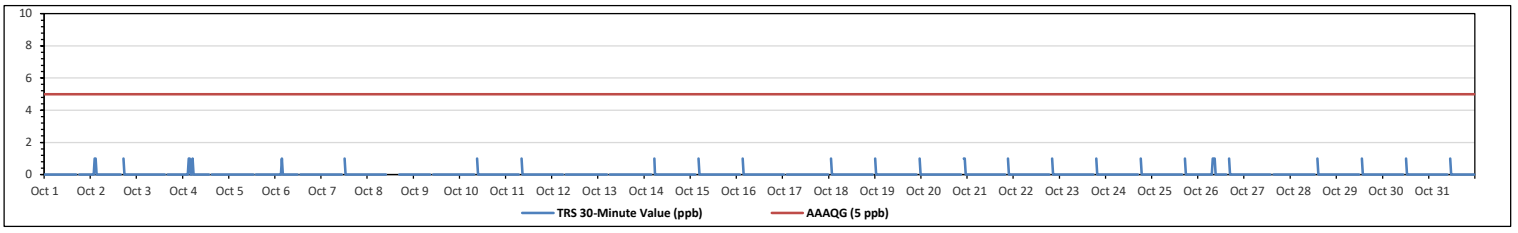
Maximum 30-Minute Value:	1	ppb	on Oct 2 at 02:00	# of Instrument in Service	1488
Maximum Daily Value:	0.0	ppb	on Oct 1	# of Valid Measurements	1414
Minimum 30-Minute Value:	0	ppb	Oct 1 at 00:00	# of Missing Measurements:	0
Minimum Daily Value:	0.0	ppb	on Oct 1	# of Calibration:	74
Monthly Average:	0.0	ppb		Operational Uptime:	100.0

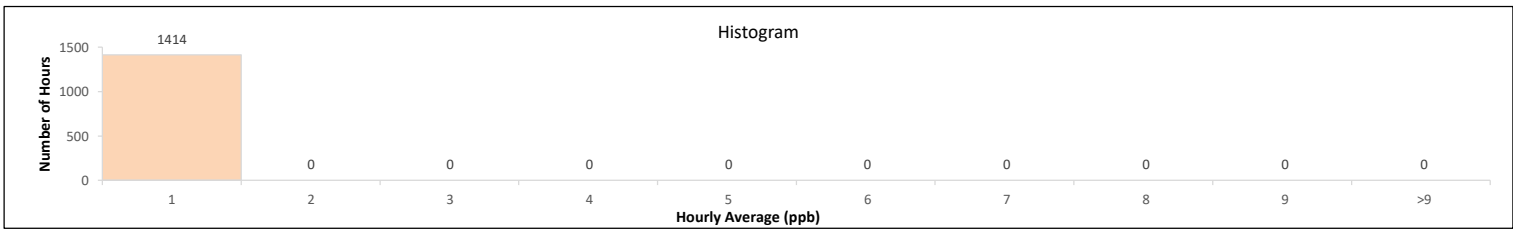
30-Minute Period Starting at (MST)	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Diurnal Maximum	Diurnal Average
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
00:30	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
01:00	0	0	0	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	0	0	0	1	0.0
01:30	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	0.0
02:00	0	1	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	1	0.0
02:30	0	1	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	1	0.0
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
03:30	0	0	0	1	0	1	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	1	0.1
04:00	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	0	0	0	0	0	0	1	0.0
04:30	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	0	0	0.0
05:00	0	0	0	1	0	0	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	0.1
05:30	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
06:00	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	0.0
06:30	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	0.0
07:00	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	0.0
07:30	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	1	0	0	0	0	0	1	0.0
08:00	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.1
08:30	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	1	0	0	0	0	0	1	0.0
09:00	0	0	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	0	0	0	0	1	0.0
09:30	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	0	0	0.0
10:00	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	0	S	0	0.0
10:30	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	0	S	0	0.0
11:00	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	S	1	1	0.0
11:30	0	0	0	0	0	0	S	C	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
12:00	0	0	0	0	0	S	1	C	0	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
12:30	0	0	0	0	0	S	0	C	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
13:00	0	0	0	0	S	0	0	C	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
13:30	0	0	0	0	S	0	0	C	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
14:00	0	0	0	S	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	1	0.0
14:30	0	0	0	S	0	0	0	C	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
15:00	0	0	S	0	0	0	0	C	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
15:30	0	0	S	0	0	0	0	C	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
16:00	0	S	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	1	0.0
16:30	0	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	0	0	0	0.0
17:00	S	1	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	0	0	0	0	1	0.1
17:30	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	0	0	0	0	0.0
18:00	0	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	0	0	0	0	0	1	0.0
18:30	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	0	0	0	0	0.0
19:00	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	0	0	0	0	0	0	1	0.0
19:30	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	0	0	0	0	0.0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0	1	0.0
20:30	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	0	0	0	0	0.0
21:00	0	0	0	0	0	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	0	1	0.0
21:30	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
22:00	0	0	0	0	0	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	0	1	0.0
22:30	0	0	0	0	0	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	0	1	0.0
23:00	0	0	0	0	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	0	0	1	0.0
23:30	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
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	0		
Maximum	0	1	0	1	0	1	1	0	0	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1		
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	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	P	Power Failure	X	InValid Data (Equipment Malfunction /Recovery)
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.



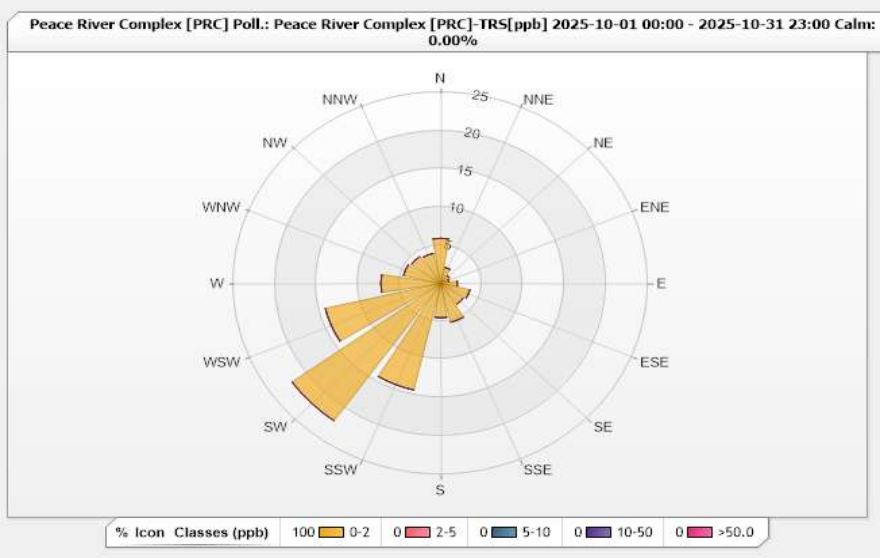


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-TRS[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 93.01% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	5.92	0	0	0	0	5.92
NNE	2.17	0	0	0	0	2.17
NE	1.3	0	0	0	0	1.3
ENE	1.01	0	0	0	0	1.01
E	2.02	0	0	0	0	2.02
ESE	3.61	0	0	0	0	3.61
SE	3.32	0	0	0	0	3.32
SSE	5.2	0	0	0	0	5.2
S	4.48	0	0	0	0	4.48
SSW	14.31	0	0	0	0	14.31
SW	22.11	0	0	0	0	22.11
WSW	14.31	0	0	0	0	14.31
W	7.23	0	0	0	0	7.23
WNW	4.62	0	0	0	0	4.62
NW	4.34	0	0	0	0	4.34
NNW	4.05	0	0	0	0	4.05
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

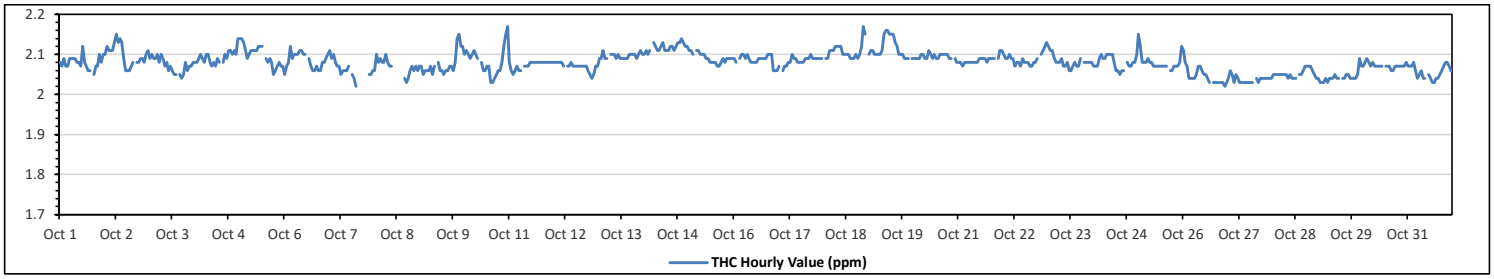
TOTAL HYDROCARBONS (THC) in ppm

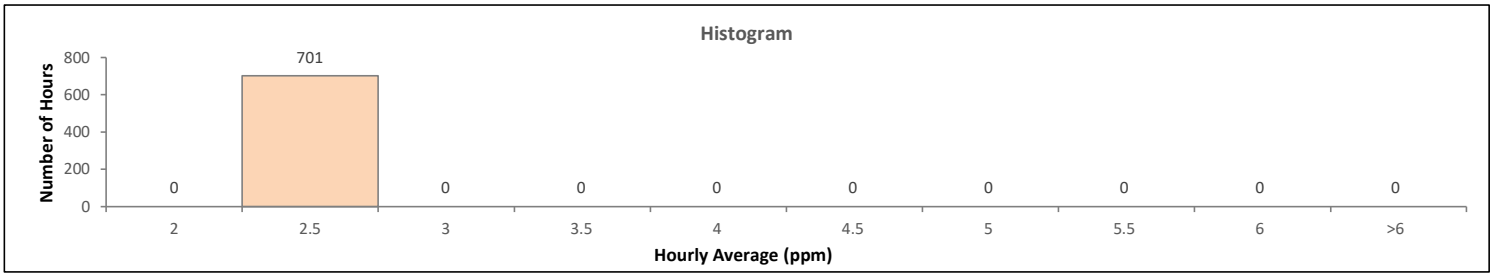
Maximum Hourly Value:	2.17	ppm	on Oct 10 at hr 23	Hours in Service:	744	
Maximum Daily Value:	2.12	ppm	on Oct 14	Hours of Data:	701	
Minimum Hourly Value:	2.02	ppm	on Oct 7 at hr 14	Hours of Missing Data:	6	
Minimum Daily Value:	2.04	ppm	on Oct 27	Hours of Calibration:	37	
Monthly Average:	2.08	ppm		Operational Uptime:	99.2	

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			
Oct 1	2.08	2.07	2.09	2.07	2.07	2.09	2.09	2.09	2.09	2.08	2.08	2.07	2.12	2.08	2.07	2.06	2.06	S	2.05	2.07	2.07	2.10	2.08	2.10	2.05	2.12	2.08
Oct 2	2.10	2.12	2.11	2.11	2.11	2.13	2.15	2.13	2.14	2.13	2.09	2.06	2.06	2.06	2.07	2.08	S	2.08	2.08	2.09	2.09	2.08	2.10	2.11	2.06	2.15	2.10
Oct 3	2.09	2.10	2.09	2.09	2.10	2.08	2.10	2.09	2.07	2.08	2.06	2.07	2.06	2.05	2.05	S	2.05	2.04	2.05	2.08	2.06	2.07	2.07	2.08	2.04	2.10	2.07
Oct 4	2.08	2.08	2.09	2.10	2.09	2.08	2.10	2.10	2.08	2.07	2.08	2.07	2.09	2.08	S	2.08	2.10	2.09	2.11	2.11	2.10	2.11	2.10	2.14	2.07	2.14	2.09
Oct 5	2.14	2.14	2.13	2.11	2.09	2.10	2.11	2.11	2.11	2.11	2.12	2.12	2.12	S	2.09	2.08	2.09	2.08	2.05	2.06	2.07	2.08	2.07	2.07	2.05	2.14	2.10
Oct 6	2.05	2.07	2.08	2.12	2.09	2.10	2.10	2.10	2.11	2.11	2.10	2.10	S	2.09	2.07	2.06	2.06	2.07	2.06	2.06	2.08	2.08	2.09	2.10	2.05	2.12	2.08
Oct 7	2.11	2.09	2.10	2.08	2.07	2.07	2.05	2.06	2.06	2.06	2.07	S	2.05	2.04	2.02	X	X	X	X	X	X	2.05	2.05	2.06	2.02	2.11	NA
Oct 8	2.06	2.10	2.08	2.09	2.08	2.08	2.10	2.08	2.07	2.07	S	C	C	C	C	C	2.04	2.03	2.04	2.06	2.07	2.06	2.07	2.06	2.03	2.10	2.07
Oct 9	2.07	2.07	2.05	2.06	2.06	2.06	2.07	2.05	2.07	S	2.08	2.06	2.06	2.05	2.06	2.06	2.07	2.07	2.06	2.08	2.14	2.15	2.12	2.12	2.05	2.15	2.08
Oct 10	2.10	2.11	2.10	2.09	2.10	2.11	2.10	2.09	S	2.08	2.06	2.06	2.07	2.07	2.03	2.03	2.04	2.05	2.06	2.06	2.08	2.12	2.15	**2.17**	2.03	**2.17**	2.08
Oct 11	2.08	2.06	2.05	2.06	2.07	2.06	2.06	S	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.05	2.08	2.07
Oct 12	2.08	2.08	2.08	2.08	2.08	2.07	S	2.07	2.07	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.05	2.04	2.05	2.07	2.07	2.04	2.08	2.07
Oct 13	2.09	2.09	2.11	2.09	2.09	S	2.10	2.10	2.10	2.09	2.10	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.09	2.10	2.11	2.10	2.09	2.11	2.10
Oct 14	2.10	2.11	2.10	2.11	S	2.13	2.12	2.11	2.11	2.12	2.13	2.11	2.11	2.11	2.12	2.12	2.11	2.12	2.13	2.13	2.14	2.13	2.12	2.12	2.10	2.14	**2.12**
Oct 15	2.11	2.11	2.10	S	2.11	2.11	2.10	2.10	2.10	2.09	2.09	2.08	2.08	2.08	2.08	2.07	2.07	2.08	2.09	2.08	2.09	2.09	2.09	2.09	2.07	2.11	2.09
Oct 16	2.09	2.08	S	2.09	2.10	2.10	2.09	2.10	2.09	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.06	2.06	2.06	2.06	2.10	2.09
Oct 17	2.07	S	2.06	2.07	2.07	2.08	2.08	2.10	2.09	2.09	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.10	2.09	2.09	2.09	2.09	2.09	2.09	2.06	2.10	2.08
Oct 18	S	2.09	2.09	2.11	2.11	2.11	2.12	2.12	2.12	2.12	2.10	2.10	2.10	2.10	2.09	2.09	2.09	2.10	2.09	2.10	2.12	**2.17**	2.15	S	2.09	**2.17**	2.11
Oct 19	2.10	2.11	2.11	2.10	2.10	2.10	2.10	2.11	2.15	2.16	2.16	2.15	2.15	2.15	2.13	2.12	2.10	2.10	2.10	2.09	2.09	2.09	S	2.09	2.09	2.16	2.12
Oct 20	2.09	2.09	2.09	2.09	2.10	2.10	2.09	2.09	2.11	2.10	2.09	2.10	2.09	2.09	2.10	2.10	2.10	2.10	2.10	2.09	2.09	S	2.09	2.08	2.08	2.11	2.09
Oct 21	2.08	2.08	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.08	2.09	2.09	2.09	2.09	S	2.09	2.11	2.11	2.07	2.11	2.09
Oct 22	2.10	2.09	2.09	2.10	2.09	2.09	2.07	2.08	2.08	2.07	2.09	2.08	2.08	2.08	2.07	2.07	2.08	2.08	2.09	S	2.10	2.11	2.12	2.13	2.07	2.13	2.09
Oct 23	2.12	2.11	2.11	2.09	2.08	2.08	2.08	2.09	2.07	2.07	2.08	2.06	2.06	2.07	2.08	2.07	2.07	2.09	S	2.08	2.08	2.08	2.08	2.08	2.06	2.12	2.08
Oct 24	2.07	2.07	2.07	2.09	2.10	2.09	2.09	2.10	2.10	2.10	2.10	2.08	2.06	2.06	2.05	2.06	2.06	S	2.08	2.07	2.07	2.08	2.08	2.10	2.05	2.10	2.08
Oct 25	2.15	2.12	2.08	2.08	2.08	2.09	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	S	2.06	2.06	2.07	2.07	2.07	2.08	2.12	2.06	2.15	2.08
Oct 26	2.11	2.08	2.07	2.04	2.04	2.04	2.04	2.05	2.07	2.07	2.06	2.05	2.05	2.04	2.03	S	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.03	2.02	2.11	2.05
Oct 27	2.04	2.06	2.05	2.03	2.05	2.04	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	S	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.03	2.06	2.04
Oct 28	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.04	2.05	2.04	2.04	2.04	S	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.06	2.05	2.04	2.04	2.07	2.05
Oct 29	2.04	2.03	2.03	2.03	2.04	2.03	2.04	2.04	2.04	2.05	2.04	2.04	S	2.04	2.04	2.05	2.05	2.04	2.04	2.04	2.04	2.05	2.09	2.07	2.03	2.09	2.04
Oct 30	2.07	2.08	2.09	2.08	2.07	2.08	2.07	2.07	2.07	2.07	2.07	S	2.07	2.07	2.07	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.06	2.09	2.07
Oct 31	2.07	2.07	2.07	2.08	2.06	2.04	2.05	2.06	2.04	2.04	S	2.05	2.04	2.03	2.03	2.04	2.04	2.05	2.06	2.07	2.08	2.08	2.07	2.06	2.03	2.08	2.06
Diurnal Maximum	2.15	2.14	2.13	2.12	2.11	2.13	2.15	2.13	2.15	2.16	2.16	2.15	2.15	2.15	2.13	2.12	2.11	2.12	2.13	2.13	2.14	2.17	2.15	2.17			
Diurnal Average	2.09	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.09	2.09			

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.



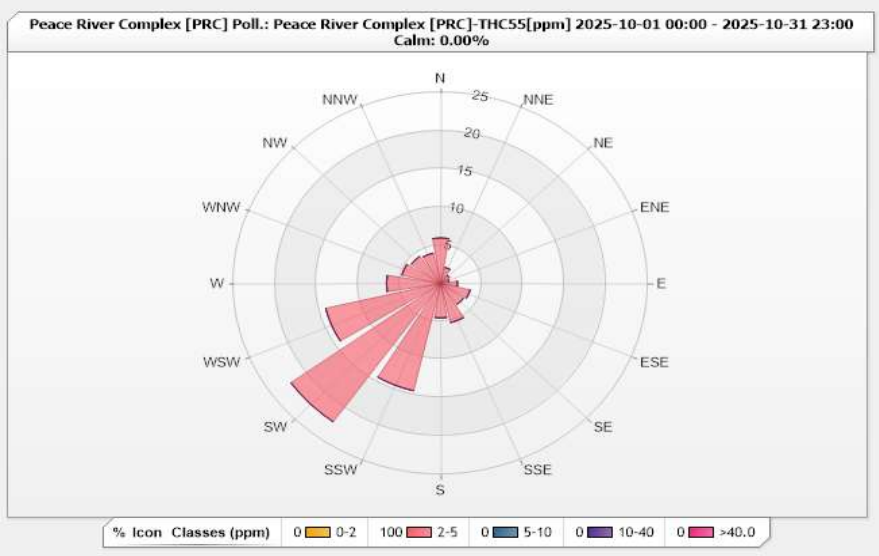


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-THC55[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.34% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0	5.97	0	0	0	5.97
NNE	0	2.18	0	0	0	2.18
NE	0	1.31	0	0	0	1.31
ENE	0	1.02	0	0	0	1.02
E	0	2.04	0	0	0	2.04
ESE	0	3.64	0	0	0	3.64
SE	0	3.35	0	0	0	3.35
SSE	0	5.24	0	0	0	5.24
S	0	4.51	0	0	0	4.51
SSW	0	14.41	0	0	0	14.41
SW	0	22.27	0	0	0	22.27
WSW	0	14.26	0	0	0	14.26
W	0	6.55	0	0	0	6.55
WNW	0	4.8	0	0	0	4.8
NW	0	4.37	0	0	0	4.37
NNW	0	4.08	0	0	0	4.08
Summary	0	100	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

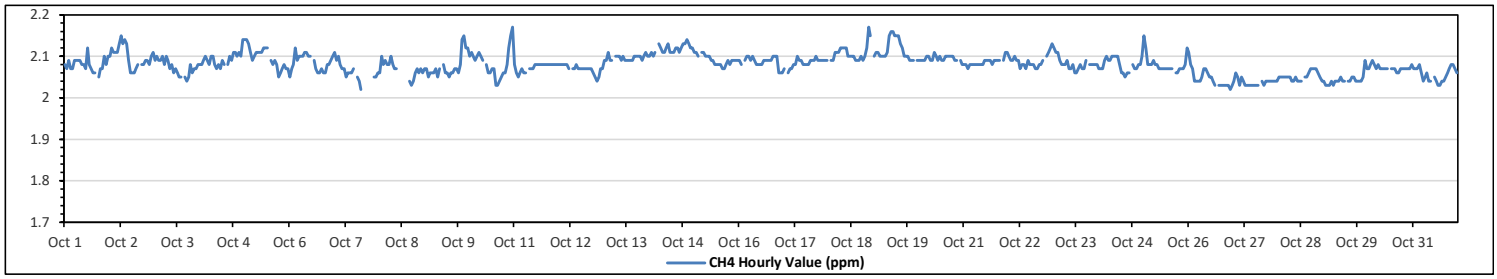
METHANE (CH4) in ppm

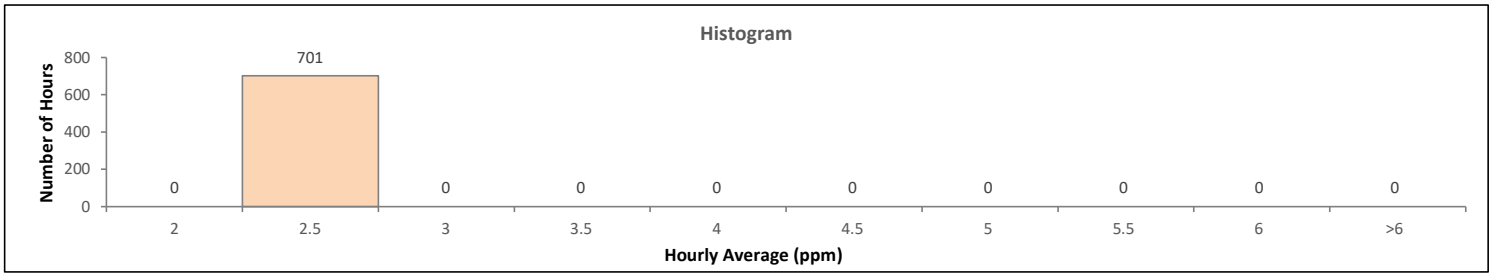
Maximum Hourly Value:	2.17	ppm	on Oct 10 at hr 23	Hours in Service:	744
Maximum Daily Value:	2.12	ppm	on Oct 14	Hours of Data:	701
Minimum Hourly Value:	2.02	ppm	on Oct 7 at hr 14	Hours of Missing Data:	6
Minimum Daily Value:	2.04	ppm	on Oct 27	Hours of Calibration:	37
Monthly Average:	2.08	ppm		Operational Uptime:	99.2

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			
Oct 1	2.08	2.07	2.09	2.07	2.07	2.09	2.09	2.09	2.09	2.08	2.08	2.07	2.12	2.08	2.07	2.06	2.06	S	2.05	2.07	2.07	2.10	2.08	2.10	2.05	2.12	2.08
Oct 2	2.10	2.12	2.11	2.11	2.11	2.13	2.15	2.13	2.14	2.13	2.09	2.06	2.06	2.06	2.07	2.08	S	2.08	2.08	2.09	2.09	2.08	2.10	2.11	2.06	2.15	2.10
Oct 3	2.09	2.10	2.09	2.09	2.10	2.08	2.10	2.09	2.07	2.08	2.06	2.07	2.06	2.05	2.05	S	2.05	2.04	2.05	2.08	2.06	2.07	2.07	2.08	2.04	2.10	2.07
Oct 4	2.08	2.08	2.09	2.10	2.09	2.08	2.10	2.10	2.08	2.07	2.08	2.07	2.09	2.08	S	2.08	2.10	2.09	2.11	2.11	2.10	2.11	2.10	2.14	2.07	2.14	2.09
Oct 5	2.14	2.14	2.13	2.11	2.09	2.10	2.11	2.11	2.11	2.11	2.12	2.12	2.12	S	2.09	2.08	2.09	2.08	2.05	2.06	2.07	2.08	2.07	2.07	2.05	2.14	2.10
Oct 6	2.05	2.07	2.08	2.12	2.09	2.10	2.10	2.10	2.11	2.11	2.10	2.10	S	2.09	2.07	2.06	2.06	2.07	2.06	2.06	2.08	2.08	2.09	2.10	2.05	2.12	2.08
Oct 7	2.11	2.09	2.10	2.08	2.07	2.07	2.05	2.06	2.06	2.06	2.07	S	2.05	2.04	2.02	X	X	X	X	X	X	2.05	2.05	2.06	2.02	2.11	NA
Oct 8	2.06	2.10	2.08	2.09	2.08	2.08	2.10	2.08	2.07	2.07	S	C	C	C	C	C	2.04	2.03	2.04	2.06	2.07	2.06	2.07	2.06	2.03	2.10	2.07
Oct 9	2.07	2.07	2.05	2.06	2.06	2.06	2.07	2.05	2.07	S	2.08	2.06	2.06	2.05	2.06	2.06	2.07	2.07	2.06	2.08	2.14	2.15	2.12	2.12	2.05	2.15	2.08
Oct 10	2.10	2.11	2.10	2.09	2.10	2.11	2.10	2.09	S	2.08	2.06	2.06	2.07	2.07	2.03	2.03	2.04	2.05	2.06	2.06	2.08	2.12	2.15	**2.17**	2.03	**2.17**	2.08
Oct 11	2.08	2.06	2.05	2.06	2.07	2.06	2.06	S	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.05	2.08	2.07
Oct 12	2.08	2.08	2.08	2.08	2.08	2.07	S	2.07	2.07	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.05	2.04	2.05	2.07	2.07	2.04	2.08	2.07
Oct 13	2.09	2.09	2.11	2.09	2.09	S	2.10	2.10	2.10	2.09	2.10	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.09	2.10	2.11	2.10	2.09	2.11	2.10
Oct 14	2.10	2.11	2.10	2.11	S	2.13	2.12	2.11	2.11	2.12	2.13	2.11	2.11	2.11	2.12	2.12	2.11	2.12	2.13	2.13	2.14	2.13	2.12	2.12	2.10	2.14	**2.12**
Oct 15	2.11	2.11	2.10	S	2.11	2.11	2.10	2.10	2.10	2.09	2.09	2.08	2.08	2.08	2.08	2.07	2.07	2.08	2.09	2.08	2.09	2.09	2.09	2.09	2.07	2.11	2.09
Oct 16	2.09	2.08	S	2.09	2.10	2.10	2.09	2.10	2.09	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.06	2.06	2.06	2.06	2.10	2.09
Oct 17	2.07	S	2.06	2.07	2.07	2.08	2.08	2.10	2.09	2.09	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.10	2.09	2.09	2.09	2.09	2.09	2.09	2.06	2.10	2.08
Oct 18	S	2.09	2.09	2.11	2.11	2.11	2.12	2.12	2.12	2.12	2.10	2.10	2.10	2.10	2.09	2.09	2.09	2.10	2.09	2.10	2.12	**2.17**	2.15	S	2.09	**2.17**	2.11
Oct 19	2.10	2.11	2.11	2.10	2.10	2.10	2.10	2.11	2.15	2.16	2.16	2.15	2.15	2.15	2.13	2.12	2.10	2.10	2.10	2.09	2.09	2.09	S	2.09	2.09	2.16	2.12
Oct 20	2.09	2.09	2.09	2.09	2.10	2.10	2.09	2.09	2.11	2.10	2.09	2.10	2.09	2.09	2.10	2.10	2.10	2.10	2.10	2.09	2.09	S	2.09	2.08	2.08	2.11	2.09
Oct 21	2.08	2.08	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.08	2.09	2.09	2.09	2.09	S	2.09	2.11	2.11	2.07	2.11	2.09
Oct 22	2.10	2.09	2.09	2.10	2.09	2.09	2.07	2.08	2.08	2.07	2.09	2.08	2.08	2.08	2.07	2.07	2.08	2.08	2.09	S	2.10	2.11	2.12	2.13	2.07	2.13	2.09
Oct 23	2.12	2.11	2.11	2.09	2.08	2.08	2.08	2.09	2.07	2.07	2.08	2.06	2.06	2.07	2.08	2.07	2.07	2.09	S	2.08	2.08	2.08	2.08	2.08	2.06	2.12	2.08
Oct 24	2.07	2.07	2.07	2.09	2.10	2.09	2.09	2.10	2.10	2.10	2.10	2.08	2.06	2.06	2.05	2.06	2.06	S	2.08	2.07	2.07	2.08	2.08	2.10	2.05	2.10	2.08
Oct 25	2.15	2.12	2.08	2.08	2.08	2.09	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	S	2.06	2.06	2.07	2.07	2.07	2.08	2.12	2.06	2.15	2.08
Oct 26	2.11	2.08	2.07	2.04	2.04	2.04	2.04	2.05	2.07	2.07	2.06	2.05	2.05	2.04	2.03	S	2.03	2.03	2.03	2.03	2.03	2.03	2.02	2.03	2.02	2.11	2.05
Oct 27	2.04	2.06	2.05	2.03	2.05	2.04	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	S	2.04	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.03	2.06	2.04
Oct 28	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.04	2.04	2.05	2.04	2.04	2.04	S	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.06	2.05	2.04	2.04	2.07	2.05
Oct 29	2.04	2.03	2.03	2.03	2.04	2.03	2.04	2.04	2.04	2.05	2.04	2.04	S	2.04	2.04	2.05	2.05	2.04	2.04	2.04	2.04	2.05	2.09	2.07	2.03	2.09	2.04
Oct 30	2.07	2.08	2.09	2.08	2.07	2.08	2.07	2.07	2.07	2.07	2.07	S	2.07	2.07	2.07	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.06	2.09	2.07
Oct 31	2.07	2.07	2.07	2.08	2.06	2.04	2.05	2.06	2.04	2.04	S	2.05	2.04	2.03	2.03	2.04	2.04	2.05	2.06	2.07	2.08	2.08	2.07	2.06	2.03	2.08	2.06
Diurnal Maximum	2.15	2.14	2.13	2.12	2.11	2.13	2.15	2.13	2.15	2.16	2.16	2.15	2.15	2.15	2.13	2.12	2.11	2.12	2.13	2.13	2.14	2.17	2.15	2.17			
Diurnal Average	2.09	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.09	2.09			

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.



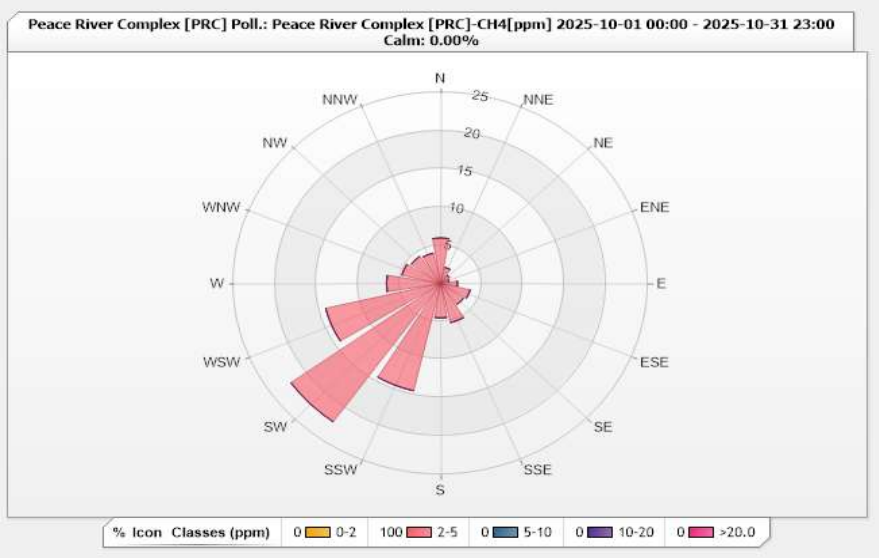


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-CH4[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.34% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0	5.97	0	0	0	5.97
NNE	0	2.18	0	0	0	2.18
NE	0	1.31	0	0	0	1.31
ENE	0	1.02	0	0	0	1.02
E	0	2.04	0	0	0	2.04
ESE	0	3.64	0	0	0	3.64
SE	0	3.35	0	0	0	3.35
SSE	0	5.24	0	0	0	5.24
S	0	4.51	0	0	0	4.51
SSW	0	14.41	0	0	0	14.41
SW	0	22.27	0	0	0	22.27
WSW	0	14.26	0	0	0	14.26
W	0	6.55	0	0	0	6.55
WNW	0	4.8	0	0	0	4.8
NW	0	4.37	0	0	0	4.37
NNW	0	4.08	0	0	0	4.08
Summary	0	100	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

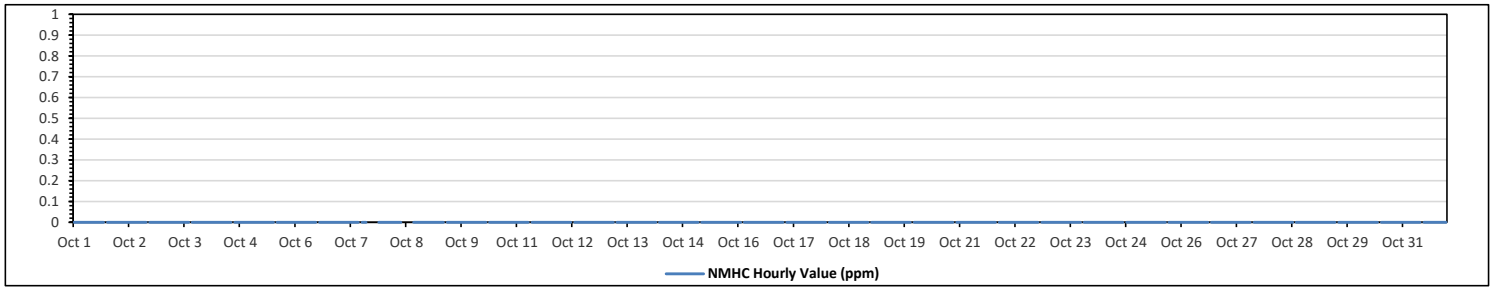
NON-METHANE HYDROCARBONS (NMHC) in ppm

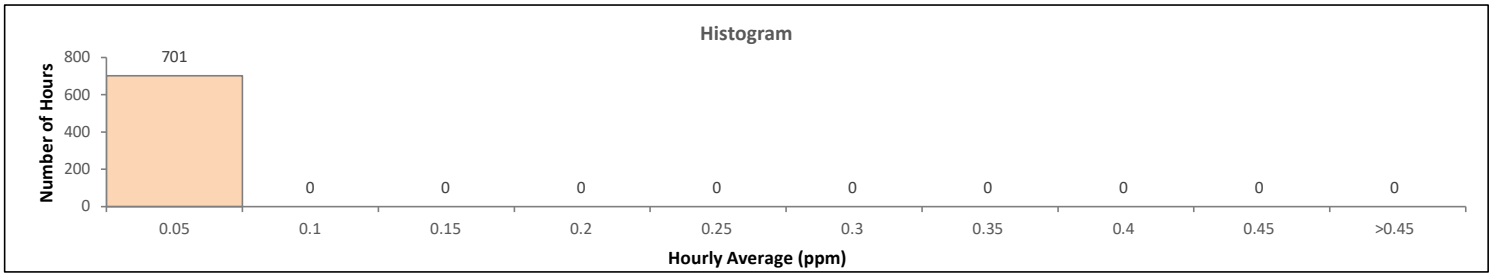
Maximum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours in Service:	744	
Maximum Daily Value:	0.00	ppm	on Oct 1	Hours of Data:	701	
Minimum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours of Missing Data:	6	
Minimum Daily Value:	0.00	ppm	on Oct 1	Hours of Calibration:	37	
Monthly Average:	0.00	ppm		Operational Uptime:	99.2	

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
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 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	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
Oct 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	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
Oct 7	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	X	X	X	X	X	X	0.00	0.00	0.00	0.00	0.00	NA
Oct 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	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
Oct 9	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	0.00
Oct 10	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	0.00
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	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
Oct 15	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
Oct 16	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
Oct 17	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
Oct 18	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
Oct 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	S	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	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
Oct 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	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
Oct 29	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	0.00
Oct 30	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	0.00
Oct 31	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	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			
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			

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.



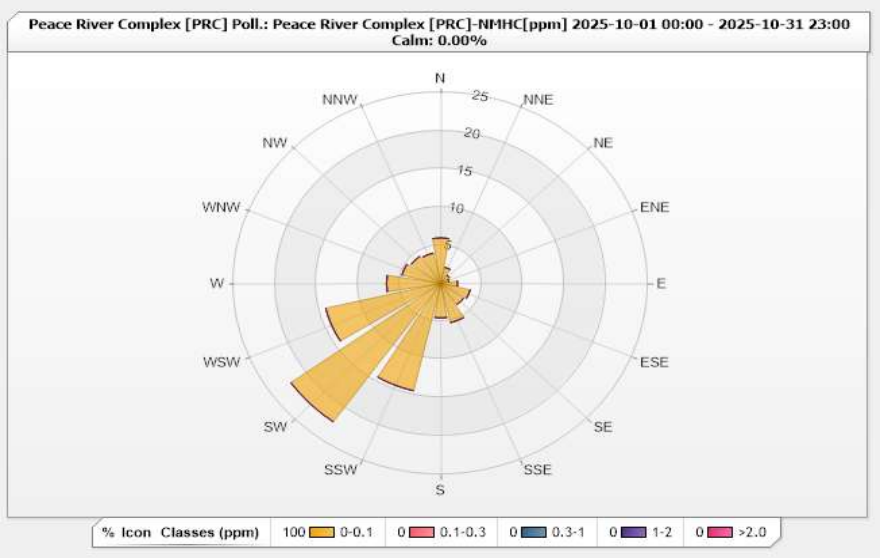


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-NMHC[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 92.34% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	5.97	0	0	0	0	5.97
NNE	2.18	0	0	0	0	2.18
NE	1.31	0	0	0	0	1.31
ENE	1.02	0	0	0	0	1.02
E	2.04	0	0	0	0	2.04
ESE	3.64	0	0	0	0	3.64
SE	3.35	0	0	0	0	3.35
SSE	5.24	0	0	0	0	5.24
S	4.51	0	0	0	0	4.51
SSW	14.41	0	0	0	0	14.41
SW	22.27	0	0	0	0	22.27
WSW	14.26	0	0	0	0	14.26
W	6.55	0	0	0	0	6.55
WNW	4.8	0	0	0	0	4.8
NW	4.37	0	0	0	0	4.37
NNW	4.08	0	0	0	0	4.08
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

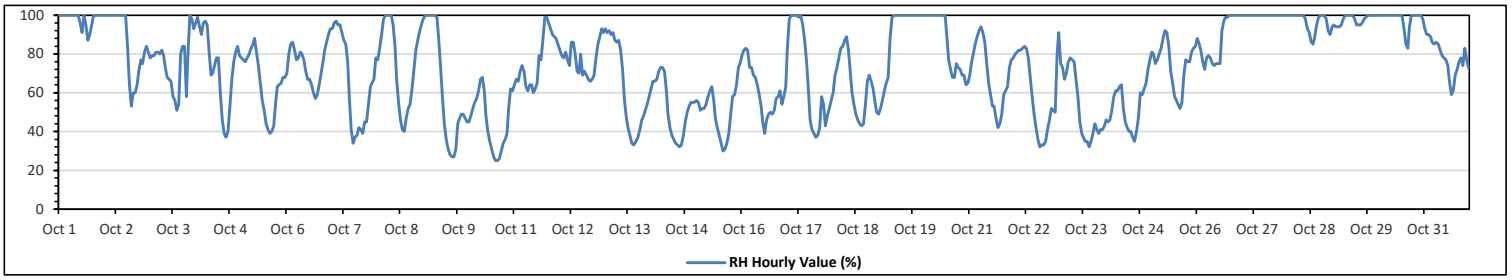
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Oct 1 at hr 0	Hours in Service:	744	
Maximum Daily Value:	100.0	%	on Oct 27	Hours of Data:	744	
Minimum Hourly Value:	25	%	on Oct 10 at hr 14	Hours of Missing Data:	0	
Minimum Daily Value:	45.2	%	on Oct 10	Hours of Calibration:	0	
Monthly Average:	73.5	%		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			
Oct 1	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	96	91	**100**	95	87	90	95	**100**	**100**	**100**	**100**	**100**	**100**	87	**100**	98.1
Oct 2	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	84	64	53	60	60	64	72	77	75	81	84	81	53	**100**	85.6
Oct 3	78	79	79	81	81	80	82	79	73	68	67	66	58	56	51	54	80	84	84	58	84	**100**	98	93	51	**100**	75.5
Oct 4	96	99	94	90	96	97	95	81	69	70	74	78	78	60	46	39	37	40	53	67	76	81	84	79	37	99	74.1
Oct 5	78	77	76	78	80	83	85	88	81	74	65	56	51	44	41	39	40	43	55	63	64	65	68	68	39	88	65.1
Oct 6	70	80	85	86	82	77	78	81	80	77	71	67	67	64	60	57	59	64	70	76	82	86	90	93	57	93	75.1
Oct 7	93	96	97	95	95	91	87	85	76	58	41	34	37	38	42	41	39	45	45	54	63	65	67	78	34	97	65.1
Oct 8	77	83	90	98	**100**	**100**	**100**	**100**	95	84	67	55	46	41	40	47	52	54	62	72	82	87	91	95	40	**100**	75.8
Oct 9	98	**100**	**100**	**100**	**100**	**100**	**100**	99	89	74	58	44	36	31	28	27	27	31	44	47	49	49	47	45	27	**100**	63.5
Oct 10	45	48	52	55	57	61	67	68	61	48	40	35	31	27	**25**	**25**	26	30	34	36	39	52	62	61	**25**	68	**45.2**
Oct 11	64	67	66	71	74	71	63	61	64	64	60	62	65	79	77	87	99	99	96	93	90	89	88	85	60	99	76.4
Oct 12	82	79	78	81	77	74	86	86	80	71	70	80	69	71	69	67	66	67	69	78	85	89	93	91	66	93	77.4
Oct 13	93	91	92	90	91	87	86	87	82	72	56	47	42	38	34	33	35	37	41	46	48	51	54	58	33	93	62.1
Oct 14	62	66	66	67	71	73	73	71	61	49	42	38	36	34	33	32	33	38	45	50	53	55	55	55	32	73	52.4
Oct 15	56	55	51	52	52	54	58	61	63	56	47	42	38	34	30	31	34	39	49	58	59	64	73	75	30	75	51.3
Oct 16	79	82	83	82	73	73	69	68	64	59	53	45	39	46	49	50	49	51	57	58	61	54	58	63	39	83	61.0
Oct 17	83	98	**100**	**100**	**100**	**100**	99	**100**	95	87	76	61	46	41	39	37	38	42	58	54	43	48	52	56	37	**100**	68.9
Oct 18	60	69	73	78	83	84	87	89	82	70	60	54	49	46	44	43	44	54	66	69	66	62	55	50	43	89	64.0
Oct 19	49	52	56	61	65	68	88	99	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	49	**100**	89.1
Oct 20	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	90	77	72	68	68	75	73	72	69	69	64	65	64	**100**	85.9
Oct 21	69	75	80	85	89	92	94	91	86	75	65	59	53	53	47	42	44	49	59	61	63	73	77	78	42	94	69.1
Oct 22	80	81	82	82	83	84	83	78	68	58	49	42	36	32	33	33	35	41	46	52	51	50	80	91	32	91	60.4
Oct 23	75	73	67	70	76	78	77	76	67	58	45	39	37	35	35	32	35	39	44	41	39	41	41	43	32	78	52.6
Oct 24	46	45	46	51	58	61	61	63	64	52	45	42	40	40	37	35	40	47	60	59	62	65	72	77	35	77	52.8
Oct 25	81	80	75	77	80	83	88	92	91	84	71	65	58	56	54	52	55	69	77	76	76	81	83	84	52	92	74.5
Oct 26	88	85	82	76	72	78	79	78	75	74	75	75	75	92	97	99	99	**100**	**100**	**100**	**100**	**100**	**100**	**100**	72	**100**	87.5
Oct 27	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	100	**100**	**100.0**
Oct 28	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	98	93	91	86	85	89	95	99	**100**	**100**	**100**	98	92	90	94	85	**100**	96.3
Oct 29	95	94	94	94	95	98	**100**	**100**	**100**	**100**	**100**	98	95	95	95	96	98	99	**100**	**100**	**100**	**100**	**100**	**100**	94	**100**	97.8
Oct 30	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	93	85	83	94	**100**	**100**	**100**	**100**	**100**	**100**	98	83	**100**	98.0
Oct 31	93	90	90	89	86	85	86	85	82	79	78	77	74	66	59	61	69	72	76	78	74	83	77	73	59	93	78.4
Diurnal Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
Diurnal Average	80.3	82.1	82.4	83.5	84.4	84.9	86.2	86.0	82.2	76.1	69.9	66.1	61.5	59.3	56.7	56.5	59.5	63.5	68.9	70.8	72.6	75.2	77.5	78.4			

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 - October 2025

Summary of Hourly Averages

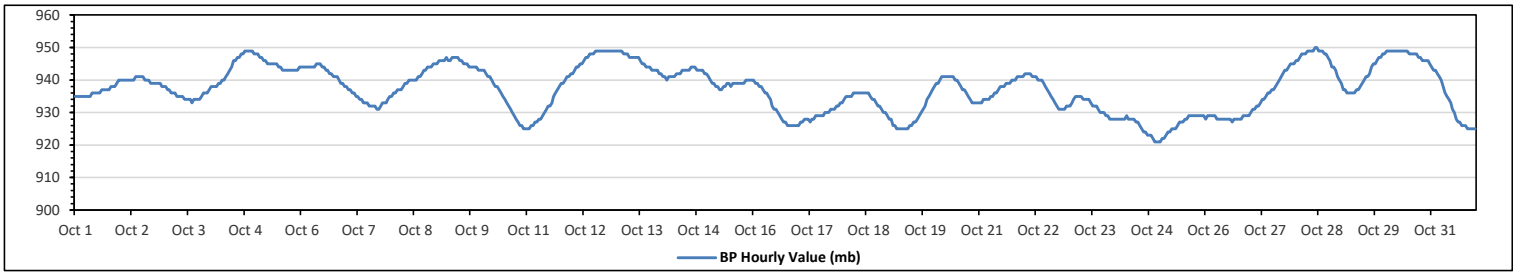
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	950 mb	on Oct 28 at hr 10	Hours in Service:	744	
Maximum Daily Value:	948 mb	on Oct 30	Hours of Data:	744	
Minimum Hourly Value:	921 mb	on Oct 24 at hr 21	Hours of Missing Data:	0	
Minimum Daily Value:	926 mb	on Oct 24	Hours of Calibration:	0	
Monthly Average:	937 mb		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			
Oct 1	935	935	935	935	935	935	935	935	935	936	936	936	936	936	937	937	937	937	937	938	938	938	939	940	935	940	936
Oct 2	940	940	940	940	940	940	940	940	941	941	941	941	941	940	940	940	939	939	939	939	939	939	938	938	938	941	940
Oct 3	938	937	937	936	936	936	935	935	935	935	934	934	934	934	933	934	934	934	934	935	936	936	936	937	933	938	935
Oct 4	938	938	938	938	939	939	940	940	941	942	943	944	946	946	947	947	948	948	949	949	949	949	949	948	938	949	944
Oct 5	948	948	947	947	946	946	945	945	945	945	945	945	944	944	943	943	943	943	943	943	943	943	943	944	943	948	945
Oct 6	944	944	944	944	944	944	944	944	945	945	945	944	944	943	943	942	942	941	941	941	940	939	939	938	938	945	943
Oct 7	938	937	937	936	936	935	935	934	934	933	933	933	932	932	932	932	931	931	932	933	933	933	934	935	931	938	934
Oct 8	935	936	936	937	937	937	938	939	939	940	940	940	940	940	941	941	942	943	943	944	944	944	945	945	935	945	940
Oct 9	945	946	946	946	946	947	946	946	947	947	947	947	946	946	945	945	945	944	944	944	944	944	943	943	943	947	945
Oct 10	943	943	942	941	941	940	939	938	938	937	936	935	934	933	932	931	930	929	928	927	926	926	925	925	925	943	934
Oct 11	925	925	926	926	927	927	928	928	929	930	931	932	932	933	935	936	937	938	939	939	940	941	941	942	925	942	933
Oct 12	942	943	944	944	945	945	946	947	947	948	948	948	949	949	949	949	949	949	949	949	949	949	949	949	942	949	947
Oct 13	949	949	949	948	948	948	947	947	947	947	947	947	946	945	945	944	944	944	943	943	943	943	942	942	942	949	946
Oct 14	941	941	940	941	941	941	941	942	942	942	943	943	943	943	943	944	944	944	943	943	943	943	942	942	940	944	942
Oct 15	941	940	939	939	938	938	937	937	938	938	939	939	938	939	939	939	939	939	939	939	940	940	940	940	937	941	939
Oct 16	940	939	939	938	938	937	936	936	935	934	932	931	931	930	929	928	927	927	926	926	926	926	926	926	926	940	932
Oct 17	926	927	927	928	928	928	927	928	928	929	929	929	929	929	930	930	930	931	931	931	932	932	933	933	926	933	929
Oct 18	934	935	935	935	935	936	936	936	936	936	936	936	936	936	935	934	934	933	932	932	931	930	930	929	929	936	934
Oct 19	928	928	926	926	925	925	925	925	925	925	925	926	926	927	927	928	929	930	931	932	934	935	936	937	925	937	928
Oct 20	938	939	939	940	941	941	941	941	941	941	941	940	940	939	938	937	937	936	935	934	933	933	933	933	933	941	938
Oct 21	933	933	934	934	934	934	935	935	936	936	937	938	938	938	939	939	939	940	940	940	941	941	941	941	933	941	937
Oct 22	942	942	942	942	941	941	941	940	940	940	939	938	937	936	935	934	933	932	931	931	931	931	932	932	931	942	937
Oct 23	932	933	934	935	935	935	935	934	934	934	934	933	932	932	932	931	930	930	930	929	929	928	928	928	928	935	932
Oct 24	928	928	928	928	928	928	929	928	928	928	928	927	927	926	925	924	924	923	923	923	922	**921**	**921**	**921**	**921**	929	**926**
Oct 25	**921**	922	922	923	924	924	925	925	925	926	927	927	927	928	928	929	929	929	929	929	929	929	929	929	**921**	929	926
Oct 26	928	929	929	929	929	929	928	928	928	928	928	928	928	928	927	928	928	928	928	928	929	929	929	929	927	929	928
Oct 27	930	931	931	932	932	933	934	934	935	936	936	937	937	938	939	940	941	942	943	943	944	945	945	945	930	945	938
Oct 28	946	946	947	948	948	948	949	949	949	949	**950**	**950**	949	949	949	948	948	947	946	944	944	943	941	940	940	**950**	947
Oct 29	939	937	937	936	936	936	936	936	937	937	938	939	940	941	941	942	944	945	945	946	947	947	948	948	936	948	941
Oct 30	949	949	949	949	949	949	949	949	949	949	949	949	948	948	948	948	948	947	947	946	946	946	946	945	945	949	**948**
Oct 31	944	943	943	942	941	940	938	936	935	934	933	931	930	928	927	927	926	926	926	925	925	925	925	925	925	944	932
Diurnal Maximum	949	949	949	949	949	949	949	949	949	949	950	950	949	949	949	949	949	949	949	949	949	949	949	949			
Diurnal Average	937	938	937	938	938	937	937	937	938	938	938	938	937	937	937	937	937	937	937	937	937	937	937	937			

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 - October 2025

Summary of Hourly Averages

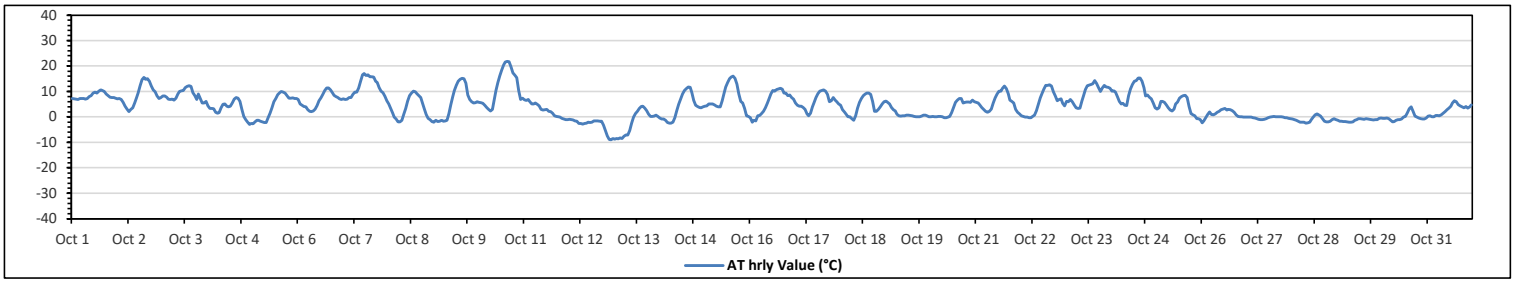
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	21.9	°C	on Oct 10 at hr 15	Hours in Service:	744	
Maximum Daily Value:	11.6	°C	on Oct 10	Hours of Data:	744	
Minimum Hourly Value:	-9.0	°C	on Oct 12 at hr 22	Hours of Missing Data:	0	
Minimum Daily Value:	-3.2	°C	on Oct 12	Hours of Calibration:	0	
Monthly Average:	4.4	°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
Oct 1	7.2	7.1	7	6.9	7.3	7.3	7.2	7	7.3	7.9	8.4	9.4	9.8	9.3	10.1	10.6	10.5	10	9	8.4	7.8	7.6	7.6	7.4	6.9	10.6	8.3
Oct 2	7.1	7.2	6.9	5.8	4.2	3.1	2.1	3	3.7	5.4	7.7	9.5	12.3	14.6	15.6	14.8	15	14	12.1	10.6	9.9	8.3	7.3	7.7	2.1	15.6	8.7
Oct 3	8.2	8.2	7.8	7	6.8	7	6.6	7.4	9	10	10.3	10.5	11.6	12	12.3	12	9.5	8.4	6.9	9	7.3	5.5	5.4	6.1	5.4	12.3	8.5
Oct 4	4.4	3.3	3.3	3.2	1.8	1.5	1.7	3.6	5	5.1	4.2	4	4.2	5.5	7	7.7	7.4	6.1	3	0.2	-1.1	-2.1	-2.9	-2.6	-2.9	7.7	3.1
Oct 5	-2.7	-1.9	-1.4	-1.4	-1.6	-1.9	-2.2	-2.2	-0.3	1.4	3.7	6	7.2	8.8	9.5	10	9.7	9.3	8.4	7.4	7.4	7.5	7.2	7.2	-2.7	10.0	4.0
Oct 6	6.8	5.1	4.6	4.1	3.9	2.8	2.3	2.1	2.4	3.1	4.5	6.4	7.5	8.9	10.4	11.4	11.4	10.6	9.5	8.5	8	7.6	7.1	6.8	2.1	11.4	6.5
Oct 7	7.1	6.9	7	7.6	7.7	8.9	9.7	9.7	11.4	14	16.5	17.1	16.3	16.6	15.9	15.8	15.7	14.1	13.5	11.5	10.1	9.5	8.1	6.4	6.4	17.1	11.5
Oct 8	5.1	3.4	1.6	-0.1	-0.8	-1.9	-1.9	-1.3	1.1	3.4	6.3	8.4	9.4	10.1	9.9	9.2	8.4	7.6	5.6	3.2	1	-0.5	-1.1	-1.8	-1.9	10.1	3.5
Oct 9	-2	-1.4	-1.8	-1.7	-1.3	-1.6	-1.5	-1.3	1.3	4.9	7.9	10.5	12.4	14	14.8	15.2	15	13.3	8.6	6.9	6	5.5	5.6	6	-2.0	15.2	5.6
Oct 10	5.8	5.6	5.3	4.6	3.8	3	2.4	2.9	6.4	10.4	13.5	16.1	18.5	20.4	21.6	**21.9**	21.7	19.7	17.3	16.4	15.4	10.5	6.9	7.4	2.4	**21.9**	**11.6**
Oct 11	6.7	6.5	6.9	6	5.1	5.2	5.5	5	4.3	3	2.7	2.8	3	2.2	2.1	1.4	0.4	0.2	0.1	-0.1	-0.5	-0.8	-1.1	-1	-1.1	6.9	2.7
Oct 12	-0.9	-1	-1.2	-1.5	-1.7	-2.6	-2.6	-2.8	-2.6	-2.5	-2.1	-2.2	-2	-1.5	-1.5	-1.5	-1.6	-1.7	-3.2	-5.4	-7.5	-8.9	**-9**	-8.4	**-9.0**	-0.9	**-3.2**
Oct 13	-8.7	-8.5	-8.6	-8.2	-8.4	-7.6	-7	-7.1	-5.4	-2.5	-0.1	1.3	2.3	3.3	4.1	4.2	3.5	2.5	1.1	0.2	0.2	0.3	0.7	0.2	-8.7	4.2	-2.0
Oct 14	-0.4	-0.8	-0.8	-1.3	-2.2	-2.4	-2.4	-2.1	-0.2	2.5	5	7	9	10.4	11.2	11.8	11.7	9.6	6.5	4.6	4.1	3.8	3.7	3.9	-2.4	11.8	3.8
Oct 15	4.2	4.4	5.1	5.2	5.2	4.8	4.2	3.9	4	6.4	9.3	11.8	13.5	15	15.7	16	15.2	12.9	9.1	6.1	5.4	3.4	0.5	0.2	0.2	16.0	7.6
Oct 16	-0.3	-2	-1.4	-1.5	0.4	0.6	1.3	2.2	3.6	5.3	7	9.1	10.4	10.1	10.7	11	11.3	10.9	9.3	9.4	8.4	8.6	7.6	7	-2.0	11.3	5.8
Oct 17	5.5	4.6	4.2	4.2	3.8	2.9	1.2	0.5	1.5	3.9	5.6	7.7	9.2	10.2	10.5	10.6	10.1	8.9	6	6.4	7.6	6.6	6	5.2	0.5	10.6	6.0
Oct 18	4.6	2.8	2	1	0.1	0	-0.7	-1.3	0.4	3.5	5.7	7.3	8.4	9.1	9.4	9.3	8.9	6.2	2.3	2.2	3	3.9	5.2	6	-1.3	9.4	4.1
Oct 19	6.3	5.7	5.1	3.8	2.8	2.4	1.1	0.5	0.3	0.4	0.5	0.7	0.7	0.6	0.5	0.2	0	0.1	0.1	0.3	0.7	0.7	0.4	0.1	0.0	6.3	1.4
Oct 20	0.1	0.2	0.1	0.1	0.2	0.2	0	-0.2	-0.2	-0.1	0.2	1.7	3.8	5.7	6.6	7.3	7.2	5.5	5.7	5.9	5.9	5.8	6.6	6	-0.2	7.3	3.1
Oct 21	5.8	5.4	4.8	3.8	3	2.3	1.8	2.2	3.1	5.5	7.5	9	10.2	10.1	11.3	12.1	11.1	9.2	6.6	6.1	5.4	2.9	1.9	1.2	1.2	12.1	5.9
Oct 22	0.5	0.2	-0.1	-0.1	-0.2	-0.2	0.2	0.7	2.5	5	7.5	9.3	10.9	12.4	12.4	12.7	12.1	9.9	8.3	6.4	6.8	7.1	5.3	4.3	-0.2	12.7	5.6
Oct 23	6.1	6	6.8	6	4.7	3.7	3.4	3.5	6.3	8.2	10.7	12.3	12.5	12.8	13.1	14.3	13.2	11.6	10	11.4	12.4	11.8	11.7	11.3	3.4	14.3	9.3
Oct 24	10.2	10.3	9.7	8	6.2	5.2	5.3	4.6	4.5	8.4	11	12.8	14.1	14.3	15.3	15.3	14.1	11.6	8.2	8.6	7.8	7.1	5.4	3.6	3.6	15.3	9.2
Oct 25	3.1	3.7	6.2	6.1	5.7	4.7	3.6	2.7	2.4	3.1	5.2	5.9	7.4	7.9	8.4	8.5	7.7	4.1	1.3	0.9	0.5	-0.7	-0.7	-1.1	-1.1	8.5	4.0
Oct 26	-2.3	-1.5	-0.2	1	2	1	0.8	1.2	1.9	2.3	2.8	3.1	3.3	2.7	2.9	2.8	2.5	1.9	0.9	0.2	0.1	0	-0.1	-0.1	-2.3	3.3	1.2
Oct 27	-0.1	-0.1	-0.1	-0.2	-0.4	-0.7	-0.9	-1	-1	-0.9	-0.6	-0.3	-0.1	0.1	0.2	0.1	0.1	0	0	-0.1	-0.2	-0.3	-0.5	-0.7	-1.0	0.2	-0.3
Oct 28	-0.8	-1	-1.4	-1.7	-2	-2.1	-2.1	-2.4	-2.3	-2	-1	-0.1	0.8	1.2	0.9	0.3	-0.7	-1.6	-1.9	-1.9	-1.7	-1	-0.7	-1	-2.4	1.2	-1.1
Oct 29	-1.4	-1.7	-1.7	-1.8	-1.8	-1.9	-2	-2.1	-1.9	-1.4	-1.1	-0.7	-0.7	-0.8	-0.9	-0.7	-0.8	-0.9	-1	-1.2	-1.1	-1.1	-0.5	-0.4	-2.1	-0.4	-1.2
Oct 30	-0.5	-0.5	-0.4	-0.6	-1.3	-1.9	-1.8	-1.3	-1.1	-1	-0.8	-0.1	0.2	1.6	3.2	4	2.3	0.3	-0.1	-0.4	-0.7	-0.8	-0.8	-0.4	-1.9	4.0	-0.1
Oct 31	0.3	0.4	0.1	0	0.6	0.6	0.5	0.8	1.4	2.1	2.8	3.5	4.2	5.5	6.4	6	4.9	4.4	4	3.7	4.1	3.5	3.9	4.8	0.0	6.4	2.9
Diurnal Maximum	10.2	10.3	9.7	8.0	7.7	8.9	9.7	9.7	11.4	14.0	16.5	17.1	18.5	20.4	21.6	21.9	21.7	19.7	17.3	16.4	15.4	11.8	11.7	11.3			
Diurnal Average	2.7	2.5	2.4	2.1	1.7	1.4	1.2	1.2	2.2	3.7	5.2	6.4	7.4	8.2	8.7	8.8	8.3	7.1	5.4	4.7	4.3	3.6	3.1	2.9			

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

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

STATION TEMPERATURE (ST) in Degree Celsius

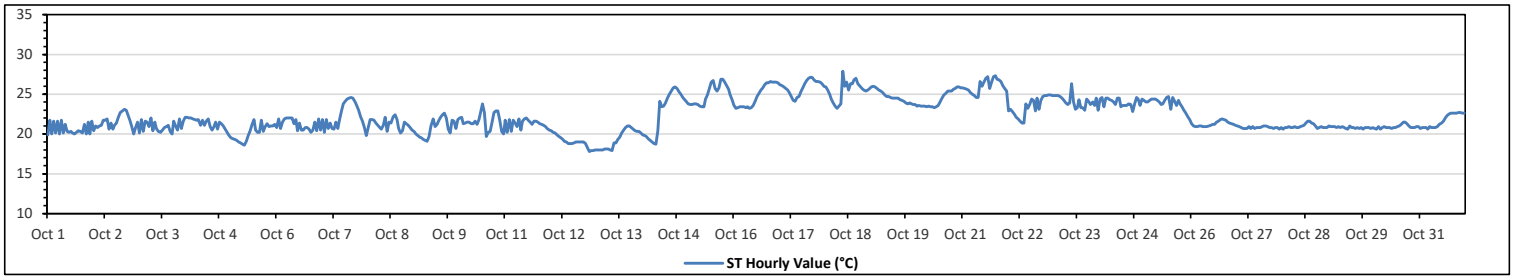
Maximum Hourly Value:	27.9 °C	on Oct 18 at hr 9	Hours in Service:	744	
Maximum Daily Value:	26.0 °C	on Oct 21	Hours of Data:	744	
Minimum Hourly Value:	17.8 °C	on Oct 12 at hr 20	Hours of Missing Data:	0	
Minimum Daily Value:	19.0 °C	on Oct 12	Hours of Calibration:	0	
Monthly Average:	22.3 °C		Operational 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			
Oct 1	19.9	21.7	20.0	21.6	20.1	21.6	20.0	21.7	20.1	21.2	20.3	20.2	20.3	20.1	20.0	20.2	20.4	20.3	20.1	21.2	20.0	21.5	20.0	21.6	19.9	21.7	20.6
Oct 2	20.4	21.0	20.8	21.0	21.1	21.7	21.7	21.9	20.6	21.4	20.6	21.1	21.4	22.1	22.7	22.9	23.1	23.0	22.3	21.6	20.9	20.0	20.8	21.5	20.0	23.1	21.5
Oct 3	20.1	21.8	20.3	21.6	21.5	20.9	22.0	20.4	21.5	20.7	20.3	20.2	20.5	20.8	20.9	21.1	20.3	20.0	21.6	21.0	20.5	21.9	20.7	21.6	20.0	22.0	20.9
Oct 4	22.1	22.1	22.0	22.0	21.9	21.8	21.7	21.8	21.1	21.7	21.1	21.6	21.9	20.9	20.5	20.9	21.5	20.6	21.5	21.3	21.0	20.6	20.2	19.8	19.8	22.1	21.3
Oct 5	19.5	19.4	19.3	19.2	19.0	18.9	18.7	18.6	19.1	19.8	20.4	21.2	21.8	20.5	20.2	20.2	21.7	20.3	20.9	21.3	20.9	21.0	21.0	21.2	18.6	21.8	20.2
Oct 6	20.8	21.9	20.7	21.5	21.9	22.0	22.0	22.0	22.0	21.3	21.8	20.4	21.4	20.5	20.5	20.8	20.8	20.6	20.2	20.5	21.5	20.4	21.9	20.5	20.2	22.0	21.2
Oct 7	21.8	20.2	21.8	20.7	21.4	20.7	20.6	21.5	20.7	21.7	22.8	23.8	24.1	24.4	24.5	24.6	24.5	24.0	23.6	23.0	22.2	21.6	20.8	19.8	19.8	24.6	22.3
Oct 8	20.8	21.8	21.8	21.7	21.4	21.1	20.8	20.6	21.1	22.1	20.3	21.5	21.4	22.2	22.4	21.8	20.7	20.1	20.4	21.5	21.3	21.1	20.8	20.5	20.1	22.4	21.2
Oct 9	20.3	20.0	19.8	19.6	19.5	19.3	19.2	19.1	19.7	21.0	21.9	20.9	21.2	21.7	22.1	22.4	22.6	22.0	20.6	20.1	21.7	21.6	20.7	21.8	19.1	22.6	20.8
Oct 10	22.0	22.1	21.3	21.4	21.5	21.5	21.3	21.3	21.6	21.2	21.8	22.7	23.8	22.7	19.7	20.2	20.3	21.5	22.7	22.9	22.9	21.7	20.3	20.0	19.7	23.8	21.6
Oct 11	21.7	20.2	21.8	20.3	21.7	21.4	20.9	21.9	20.5	21.6	21.9	22.0	21.7	21.5	21.2	21.6	21.6	21.5	21.3	21.2	21.1	20.9	20.7	20.5	20.2	22.0	21.3
Oct 12	20.4	20.2	20.1	19.9	19.7	19.5	19.3	19.1	19.0	18.8	18.8	18.8	18.9	19.0	19.0	19.0	19.0	19.0	18.8	18.3	**17.8**	17.9	17.9	18.0	**17.8**	20.4	**19.0**
Oct 13	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.0	17.9	18.9	18.9	19.3	19.6	20.1	20.5	20.8	21.0	21.0	20.8	20.6	20.4	20.3	20.3	20.1	17.9	21.0	19.4
Oct 14	19.9	19.8	19.7	19.4	19.2	19.0	18.8	18.7	20.4	24.1	23.4	23.5	23.9	24.5	25.0	25.4	25.8	25.9	25.7	25.3	25.0	24.6	24.3	24.0	18.7	25.9	22.7
Oct 15	23.8	23.7	23.7	23.8	23.8	23.7	23.5	23.4	23.4	24.4	24.9	25.7	26.5	26.7	25.7	25.4	25.8	26.9	26.9	26.5	26.1	25.6	24.9	24.3	23.4	26.9	25.0
Oct 16	23.6	23.2	23.3	23.4	23.4	23.4	23.3	23.4	23.2	23.3	23.6	24.1	24.7	25.1	25.5	25.8	26.2	26.4	26.4	26.6	26.5	26.5	26.5	26.4	23.2	26.6	24.7
Oct 17	26.2	26.1	25.9	25.7	25.5	25.2	24.7	24.2	24.1	24.6	24.7	25.3	25.8	26.3	26.7	27.0	27.1	27.1	26.8	26.6	26.6	26.5	26.3	26.0	24.1	27.1	25.9
Oct 18	25.9	25.5	25.0	24.4	23.9	23.5	23.2	23.5	23.8	**27.9**	26.0	26.5	25.5	26.3	26.3	26.8	27.0	26.3	26.0	25.7	25.5	25.4	25.5	25.7	23.2	**27.9**	25.5
Oct 19	25.9	26.0	25.9	25.7	25.5	25.4	25.2	24.9	24.7	24.7	24.6	24.5	24.5	24.5	24.5	24.3	24.2	24.1	23.9	23.8	23.9	23.8	23.7	23.7	23.7	26.0	24.7
Oct 20	23.5	23.6	23.5	23.5	23.5	23.4	23.5	23.4	23.4	23.3	23.4	23.6	24.0	24.5	24.9	25.1	25.4	25.4	25.4	25.6	25.7	25.9	25.9	25.8	23.3	25.9	24.4
Oct 21	25.8	25.7	25.6	25.5	25.2	25.0	24.8	24.6	24.6	26.6	26.0	26.5	27.0	27.2	25.7	26.5	27.2	27.3	26.9	26.8	26.6	26.1	25.7	25.4	24.6	27.3	**26.0**
Oct 22	22.9	23.1	22.8	22.5	22.1	21.9	21.6	21.4	21.4	23.8	23.2	23.7	24.4	24.2	22.9	24.5	23.1	24.2	24.7	24.8	24.8	24.9	24.9	24.8	21.4	24.9	23.4
Oct 23	24.8	24.8	24.8	24.7	24.5	24.2	23.9	23.7	23.9	26.3	24.0	23.1	23.3	24.3	23.3	23.3	23.0	24.4	24.1	23.7	24.0	23.6	24.5	23.0	23.0	26.3	24.1
Oct 24	24.4	24.6	23.4	24.5	24.5	24.3	24.2	24.0	23.7	24.5	24.5	23.4	23.6	23.6	23.6	23.8	23.7	22.8	23.8	24.6	24.4	23.6	24.4	24.2	22.8	24.6	24.0
Oct 25	24.0	24.0	24.2	24.4	24.4	24.4	24.2	24.0	23.7	23.8	24.2	24.6	24.7	23.1	24.6	24.1	23.6	24.2	23.8	23.4	23.0	22.6	22.2	21.8	21.8	24.7	23.8
Oct 26	21.3	21.0	20.9	20.9	21.0	21.0	20.9	20.9	20.9	21.0	21.1	21.2	21.2	21.5	21.6	21.8	21.9	21.8	21.7	21.5	21.4	21.3	21.2	21.1	20.9	21.9	21.3
Oct 27	21.0	20.9	20.8	20.7	20.7	20.7	20.9	20.7	20.9	20.7	20.8	20.8	20.8	20.9	21.0	21.0	20.9	20.8	20.8	20.7	20.8	20.8	20.6	20.8	20.6	21.0	20.8
Oct 28	20.6	20.8	20.8	20.9	20.8	20.8	20.9	20.8	20.8	20.9	21.0	21.1	21.4	21.6	21.6	21.4	21.3	21.0	20.7	20.8	20.9	20.8	20.8	20.8	20.6	21.6	21.0
Oct 29	21.0	20.9	20.9	20.9	20.8	20.9	20.8	20.9	20.8	20.7	20.6	21.0	20.8	20.8	20.7	20.8	20.7	20.8	20.6	20.8	20.8	20.8	20.7	20.8	20.6	21.0	20.8
Oct 30	20.7	20.6	20.9	20.6	20.8	20.9	20.8	20.8	20.8	20.7	20.8	20.8	20.9	21.0	21.2	21.5	21.5	21.3	21.0	20.8	20.8	20.8	20.9	20.9	20.6	21.5	20.9
Oct 31	20.7	20.8	20.8	20.8	20.6	20.9	20.8	20.8	20.8	20.9	21.2	21.4	21.6	22.0	22.3	22.5	22.6	22.6	22.6	22.6	22.7	22.7	22.6	22.6	20.6	22.7	21.7
Diurnal Maximum	26.2	26.1	25.9	25.7	25.5	25.4	25.2	24.9	24.7	27.9	26.0	26.5	27.0	27.2	26.7	27.0	27.2	27.3	26.9	26.8	26.6	26.5	26.5	26.4			
Diurnal Average	22.1	22.1	22.0	22.0	21.9	21.8	21.7	21.7	21.6	22.4	22.2	22.4	22.7	22.7	22.6	22.8	22.9	22.8	22.8	22.7	22.6	22.5	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 - October 2025

Summary of Hourly Averages

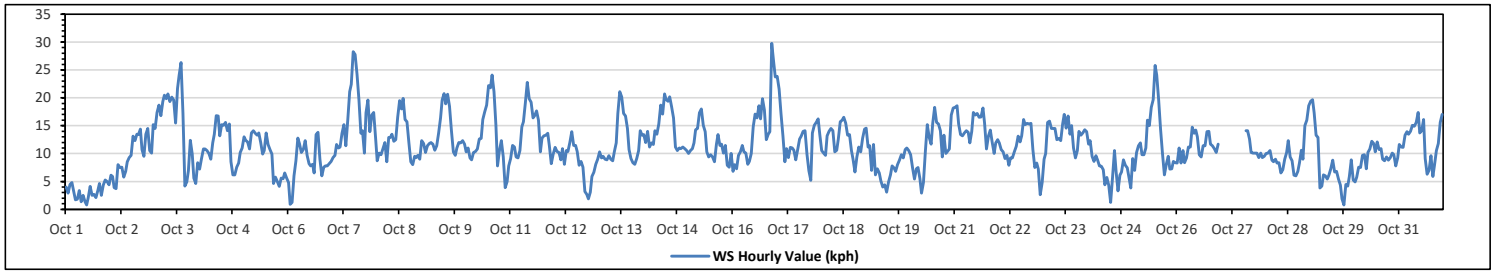
VECTOR WIND SPEED (VWS) in km/hr

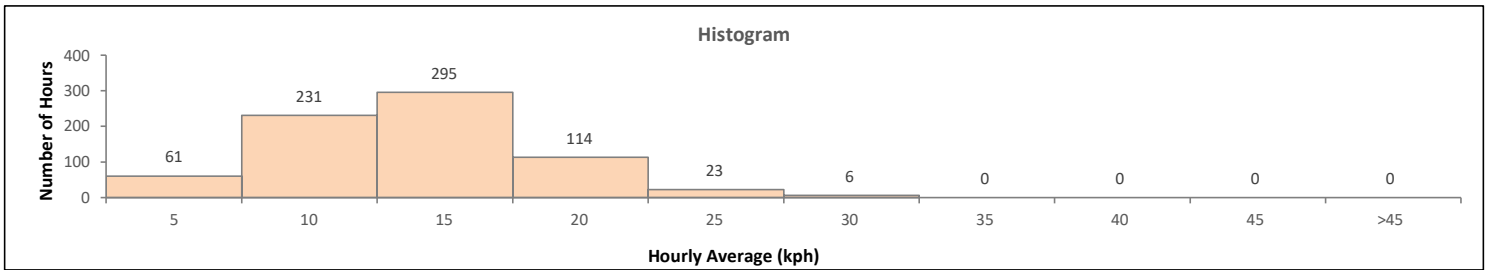
Maximum Hourly Value:	29.8	kph	on Oct 16 at hr 21	Hours in Service:	744
Maximum Daily Value:	16.2	kph	on Oct 7	Hours of Data:	730
Minimum Hourly Value:	0.8	kph	on Oct 1 at hr 11	Hours of Missing Data:	14
Minimum Daily Value:	3.2	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	6.4	kph		Operational Uptime:	98.1

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			
Oct 1	4.0	2.9	4.5	4.8	3.4	1.7	1.8	3.4	1.4	2.5	1.4	**0.8**	2.1	4.1	2.5	2.7	2.1	3.4	4.6	2.5	4.3	5.3	5.0	4.4	**0.8**	5.3	**3.2**
Oct 2	6.1	5.9	3.9	3.7	8.0	7.5	7.6	5.8	6.8	8.5	9.3	9.7	13.1	12.3	13.5	13.4	14.4	10.7	9.5	13.5	14.5	10.5	10.1	15.2	3.7	15.2	9.7
Oct 3	14.5	17.4	18.7	16.8	19.3	20.5	19.8	20.7	19.3	20.1	19.6	15.5	21.7	24.0	26.3	17.2	4.2	4.9	6.9	12.4	9.9	5.6	4.6	8.4	4.2	26.3	15.3
Oct 4	7.2	9.1	10.8	10.8	10.5	10.0	9.0	11.9	13.5	16.8	16.7	13.2	15.2	15.1	15.6	14.1	15.3	8.5	6.2	6.2	7.6	8.3	10.2	11.0	6.2	16.8	11.4
Oct 5	13.0	12.4	12.1	10.8	13.7	14.1	13.6	13.3	13.7	12.0	9.9	10.5	13.7	11.6	10.7	9.9	4.6	5.8	5.0	4.1	5.6	5.5	6.5	5.6	4.1	14.1	9.9
Oct 6	4.8	0.9	1.2	6.0	8.7	12.8	11.8	10.2	10.7	12.3	9.7	8.2	7.8	8.1	6.5	13.4	13.8	9.0	6.0	7.6	7.8	7.8	8.2	8.6	0.9	13.8	8.4
Oct 7	9.3	9.7	11.6	11.0	11.2	13.6	15.2	11.4	16.0	21.1	22.4	28.3	27.8	24.2	19.6	13.6	14.1	10.1	17.3	19.6	13.9	16.9	17.4	12.8	9.3	28.3	**16.2**
Oct 8	8.7	10.1	9.8	10.9	12.0	8.5	12.9	12.9	13.5	12.2	12.5	16.5	19.5	18.0	19.9	16.1	15.7	12.0	8.5	8.0	9.5	9.3	9.7	9.0	8.0	19.9	12.3
Oct 9	12.3	11.8	10.2	11.4	11.8	12.0	11.7	10.6	11.4	13.7	16.4	19.6	20.8	18.9	20.6	18.5	14.1	10.3	9.7	11.0	12.0	11.9	12.3	11.7	9.7	20.8	13.5
Oct 10	10.3	11.0	9.2	8.9	10.2	10.4	10.8	12.6	12.7	16.1	17.5	18.7	22.2	21.8	24.1	21.1	15.1	7.8	10.5	12.3	9.4	3.9	5.0	7.8	3.9	24.1	12.9
Oct 11	9.1	11.5	11.2	9.4	9.2	10.5	14.8	15.7	19.1	22.8	19.8	19.2	16.4	16.8	17.7	16.0	10.3	12.8	13.2	13.3	13.6	11.4	8.2	9.9	8.2	22.8	13.8
Oct 12	11.1	10.4	10.2	8.9	10.9	8.1	10.5	10.4	12.0	13.9	11.5	11.5	10.4	7.9	8.6	7.6	3.2	2.7	1.9	3.1	5.9	6.6	8.1	9.0	1.9	13.9	8.5
Oct 13	10.3	9.2	9.5	9.0	8.9	9.6	9.0	8.7	10.3	11.9	17.2	21.1	20.2	17.2	16.7	14.5	10.7	9.1	8.4	8.1	9.1	10.5	14.1	13.3	8.1	21.1	11.9
Oct 14	13.4	12.0	14.0	11.2	11.9	11.6	14.1	13.5	15.3	18.7	17.1	20.7	19.7	19.4	20.2	18.4	16.4	11.2	10.5	11.0	10.9	11.2	10.9	10.5	10.5	20.7	14.3
Oct 15	10.0	10.5	10.9	11.9	14.3	14.5	17.3	18.0	15.1	13.9	10.3	9.4	9.8	9.4	8.5	11.6	13.4	11.5	11.7	10.1	11.5	7.9	7.6	10.0	7.6	18.0	11.6
Oct 16	6.8	8.0	7.3	9.7	10.3	11.5	10.3	10.1	8.1	8.6	10.0	14.8	17.1	16.4	18.6	16.2	19.8	17.8	12.5	13.5	13.9	**29.8**	26.4	23.7	6.8	**29.8**	14.2
Oct 17	23.9	21.6	17.1	13.1	8.5	10.9	9.3	11.1	11.0	10.6	8.9	10.7	12.6	13.1	14.0	14.1	9.9	6.9	5.2	13.7	15.1	15.6	16.2	13.5	5.2	23.9	12.8
Oct 18	10.5	10.1	9.7	13.2	14.0	14.5	14.1	10.3	10.6	12.6	15.7	16.0	16.5	15.5	13.3	13.4	10.5	9.0	6.7	9.4	11.2	10.3	12.8	14.4	6.7	16.5	12.3
Oct 19	14.6	11.2	11.4	7.0	11.6	6.2	7.3	6.5	5.1	4.0	4.4	3.1	4.9	6.2	7.8	7.4	6.8	8.0	8.8	9.8	9.2	10.7	11.0	10.5	3.1	14.6	8.1
Oct 20	9.8	7.4	5.4	7.3	7.5	5.5	2.9	4.8	10.4	15.2	12.9	11.7	15.4	18.3	15.6	15.3	14.1	9.4	13.3	10.0	10.4	10.8	16.9	18.2	2.9	18.3	11.2
Oct 21	18.3	18.6	15.3	13.4	13.2	13.7	14.1	13.8	11.9	14.0	17.4	16.9	17.2	16.5	16.6	18.2	15.5	10.8	13.1	14.2	12.0	10.0	11.9	12.5	10.0	18.6	14.5
Oct 22	11.9	10.7	10.3	9.1	9.7	7.9	9.2	9.2	10.3	11.3	13.1	12.1	13.2	16.1	15.2	15.4	15.3	15.4	10.7	7.5	8.3	7.2	2.6	4.8	2.6	16.1	10.7
Oct 23	9.0	10.0	15.6	15.8	14.5	14.5	14.5	12.5	12.7	12.3	15.3	17.0	14.6	16.7	13.5	15.0	11.0	9.2	10.5	14.0	13.3	13.7	14.3	13.9	9.0	17.0	13.5
Oct 24	11.7	12.3	9.5	8.6	9.6	8.9	7.8	7.7	7.1	4.4	5.7	4.3	1.2	5.8	10.5	6.8	3.3	6.1	6.7	8.9	7.9	7.4	5.5	3.8	1.2	12.3	7.1
Oct 25	9.1	7.0	10.2	11.4	11.9	9.8	9.8	11.0	16.0	15.0	18.3	19.7	25.8	24.1	19.7	14.4	10.0	6.2	8.1	9.5	7.2	7.3	8.6	8.4	6.2	25.8	12.4
Oct 26	8.3	11.0	8.3	10.5	8.4	9.2	11.2	11.2	14.7	13.6	14.2	13.0	9.8	9.4	11.4	11.4	13.9	14.0	11.7	11.4	10.9	10.2	11.7	X	8.3	14.7	11.3
Oct 27	X	X	X	X	X	X	X	X	X	X	X	X	X	14.1	14.1	12.6	10.2	10.1	10.1	10.1	9.3	10.1	9.3	9.5	9.3	14.1	NA
Oct 28	10.0	10.1	10.5	8.8	8.5	9.0	8.3	8.4	6.5	7.1	9.0	10.2	12.3	9.4	8.7	6.1	6.0	6.8	8.3	10.6	9.0	15.0	16.0	18.6	6.0	18.6	9.7
Oct 29	19.4	19.7	17.3	13.3	12.9	3.8	4.2	6.2	6.0	5.4	6.1	7.3	8.8	6.7	6.8	5.4	4.3	1.9	**0.8**	4.5	4.2	5.9	8.9	5.3	**0.8**	19.7	7.7
Oct 30	4.9	5.8	7.6	7.5	9.7	9.8	7.3	10.2	10.8	12.2	11.8	10.3	12.1	10.7	10.9	9.0	8.7	9.4	8.8	9.3	10.1	9.8	7.8	9.2	4.9	12.2	9.3
Oct 31	11.6	11.2	11.1	13.3	13.9	13.5	14.0	15.1	14.9	15.6	17.4	13.7	14.1	16.1	9.1	6.3	7.0	9.6	5.9	7.9	10.5	11.8	15.6	17.0	5.9	17.4	12.3
Diurnal Maximum	23.9	21.6	18.7	16.8	19.3	20.5	19.8	20.7	19.3	22.8	22.4	28.3	27.8	24.2	26.3	21.1	19.8	17.8	17.3	19.6	15.1	29.8	26.4	23.7			
Diurnal Average	10.8	10.7	10.5	10.3	10.9	10.5	10.8	10.9	11.6	12.6	13.1	13.5	14.5	14.3	14.1	12.7	10.8	9.0	8.7	9.9	9.9	10.3	10.8	11.0			

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

Peace River Complex (PRC) Station - October 2025

Summary of Hourly Averages

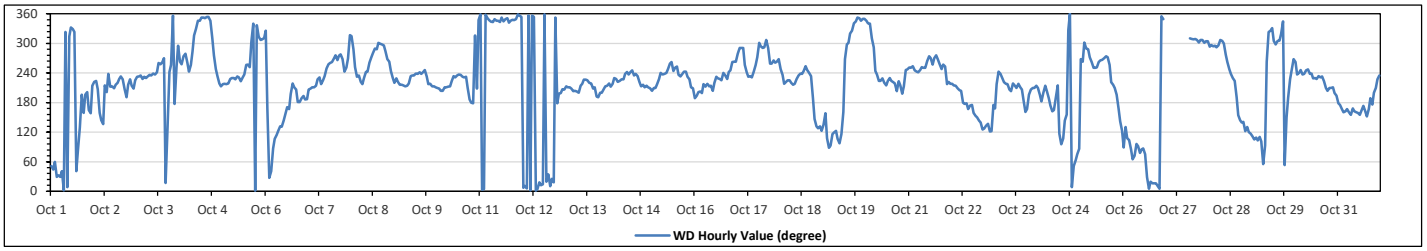
WIND DIRECTION (VWD) in sector

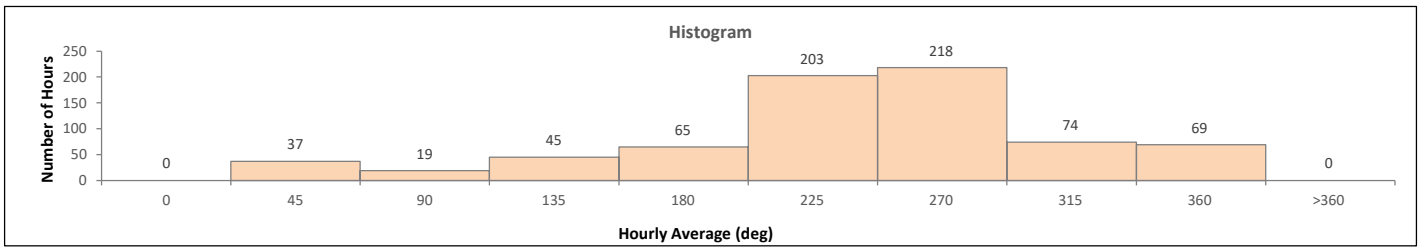
Monthly Average:	236 (SW)	degree	
Hours in Service:	744		
Hours of Data:	730		
Hours of Missing Data:	14		
Hours of Calibration:	0		
Operational Uptime:	98.1		

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
Oct 1	NE	NE	ENE	NNE	NNE	NNE	NE	N	NW	N	NW	NNW	NNW	NW	NE	E	SE	SSW	SSE	SSW	SSW	SSE	SSE	SSW	75	ENE
Oct 2	SW	SW	SSW	SSE	SE	SE	SSW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SSW	S	SW	SW	SSW	SSW	SW	213	SSW
Oct 3	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	W	W	NNE	SE	WSW	WSW	N	S	WSW	WNW	244	WSW
Oct 4	W	WSW	W	W	W	WSW	WSW	W	NW	NNW	NNW	NNW	N	N	N	N	N	NNW	NW	W	WSW	SW	SW	SSW	306	NW
Oct 5	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WNW	NNW	N	NNW	NW	NW	NW	NW	243	WSW
Oct 6	NW	SSE	NNE	NE	E	ESE	ESE	ESE	SE	SE	SE	SSE	S	SSE	SSW	SW	SSW	SSW	S	S	S	S	S	S	161	SSE
Oct 7	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	WSW	WSW	W	NW	250	WSW
Oct 8	NW	WNW	WSW	SW	SW	SW	SW	SW	WSW	WSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WSW	SW	267	W
Oct 9	SW	SW	SW	SW	SW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	SW	WSW	SW	WSW	WSW	SW	SW	SW	SSW	SSW	SSW	228	SW
Oct 10	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	S	S	S	NW	SSW	NNW	222	SW
Oct 11	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	N	N	N	350	N
Oct 12	N	NNE	N	N	N	N	N	N	N	NNE	NNE	NNE	N	NNE	NE	N	NNE	NNE	N	S	SSW	SSW	SSW	SSW	5	N
Oct 13	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSW	212	SSW
Oct 14	SW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW	228	SW
Oct 15	SSW	SSW	SSW	SW	SW	WSW	SW	SW	WSW	WSW	WSW	W	WSW	WSW	WSW	SW	SW	SW	WSW	WSW	SW	SW	SSW	SSW	234	SW
Oct 16	S	SSW	SSW	SSW	SSW	SW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	SW	SW	WSW	WSW	W	W	W	232	SW
Oct 17	W	WNW	WNW	WNW	WSW	WSW	SW	SW	SW	WSW	WSW	W	WNW	WNW	WNW	WNW	NW	WNW	WSW	WSW	W	W	W	W	272	W
Oct 18	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	SW	S	SE	SE	SE	SE	ESE	217	SW
Oct 19	SE	SSE	ESE	E	E	ESE	ESE	ESE	ESE	E	ESE	SSE	W	WNW	WNW	NW	NW	NNW	NNW	N	N	NNW	N	N	40	NE
Oct 20	NNW	NNW	NNW	NW	WNW	WSW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	WSW	WSW	233	SW
Oct 21	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	W	W	W	WSW	WSW	WSW	WSW	SW	SW	SW	253	WSW
Oct 22	SW	SSW	SSW	SSW	SSW	SSW	S	S	S	SSE	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	ESE	ESE	S	166	SSE
Oct 23	SSE	SW	WSW	SW	SW	SW	SW	SW	SSW	SSW	SW	SSW	SSW	SW	SSW	SSW	S	SSE	SSE	SSW	SSW	SSW	SSW	SSW	211	SSW
Oct 24	SSW	SSW	S	SSW	SSW	SSW	S	S	SSE	SSE	S	SSW	ESE	E	ESE	SE	SSE	NW	N	N	NE	ENE	ENE	E	165	SSE
Oct 25	W	W	WNW	WNW	WNW	W	W	WSW	WSW	WSW	W	W	W	W	W	W	WSW	SW	SW	SSW	SSW	SSE	SE	ESE	257	WSW
Oct 26	E	SE	ESE	ESE	E	ENE	ENE	E	E	ENE	E	E	ENE	NNE	N	NNE	NNE	NNE	NNE	NNE	N	N	NNW	X	54	NE
Oct 27	X	X	X	X	X	X	X	X	X	X	X	X	X	NW	NW	NW	NW	NW	WNW	NW	NW	WNW	WNW	WNW	NA	NA
Oct 28	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	W	W	WSW	SW	SW	SW	S	SSE	SE	SE	SE	ESE	SE	ESE	ESE	227	SW
Oct 29	ESE	ESE	ESE	ESE	ESE	E	NE	E	W	NW	NW	NNW	WNW	WNW	WNW	NW	NW	NNW	NE	SSE	S	SW	WSW	W	97	E
Oct 30	W	SW	WSW	WSW	SW	SW	WSW	WSW	SW	WSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	228	SW
Oct 31	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	S	S	SSW	SSW	SW	SW	174	S

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)			

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 - October 2025

Summary of Hourly Averages

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

WIND SPEED

Maximum Hourly Value:	29.8	kph	on Oct 16 at hr 21	Hours in Service:	744
Maximum Daily Value:	16.2	kph	on Oct 7	Hours of Data:	730
Minimum Hourly Value:	0.8	kph	on Oct 1 at hr 11	Hours of Missing Data:	14
Minimum Daily Value:	3.2	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	6.4	kph		Operational Uptime:	98.1

WIND DIRECTION

Monthly Average: 236 degree (SW)

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			
Oct 1	4.0	2.9	4.5	4.8	3.4	1.7	1.8	3.4	1.4	2.5	1.4	**0.8**	2.1	4.1	2.5	2.7	2.1	3.4	4.6	2.5	4.3	5.3	5.0	4.4	**0.8**	5.3	**3.2**
	NE	NE	ENE	NNE	NNE	NNE	NE	N	NW	N	NW	NNW	NNW	NW	NE	E	SE	SSW	SSE	SSW	SSW	SSE	SSE	SSW			75(ENE)
Oct 2	6.1	5.9	3.9	3.7	8.0	7.5	7.6	5.8	6.8	8.5	9.3	9.7	13.1	12.3	13.5	13.4	14.4	10.7	9.5	13.5	14.5	10.5	10.1	15.2	3.7	15.2	9.7
	SW	SW	SSW	SSE	SE	SE	SSW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SSW	S	SW	SW	SSW	SSW	SW			213(SSW)
Oct 3	14.5	17.4	18.7	16.8	19.3	20.5	19.8	20.7	19.3	20.1	19.6	15.5	21.7	24.0	26.3	17.2	4.2	4.9	6.9	12.4	9.9	5.6	4.6	8.4	4.2	26.3	15.3
	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	W	W	NNE	SE	WSW	WSW	N	S	WSW	WNW			244(WSW)
Oct 4	7.2	9.1	10.8	10.8	10.5	10.0	9.0	11.9	13.5	16.8	16.7	13.2	15.2	15.1	15.6	14.1	15.3	8.5	6.2	6.2	7.6	8.3	10.2	11.0	6.2	16.8	11.4
	W	WSW	W	W	W	WSW	WSW	W	NW	NNW	NNW	NNW	N	N	N	N	N	NNW	NW	W	WSW	SW	SW	SSW			306(NW)
Oct 5	13.0	12.4	12.1	10.8	13.7	14.1	13.6	13.3	13.7	12.0	9.9	10.5	13.7	11.6	10.7	9.9	4.6	5.8	5.0	4.1	5.6	5.5	6.5	5.6	4.1	14.1	9.9
	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WNW	NNW	N	NNW	NW	NW	NW	NW			243(WSW)
Oct 6	4.8	0.9	1.2	6.0	8.7	12.8	11.8	10.2	10.7	12.3	9.7	8.2	7.8	8.1	6.5	13.4	13.8	9.0	6.0	7.6	7.8	7.8	8.2	8.6	0.9	13.8	8.4
	NW	SSE	NNE	NE	E	ESE	ESE	ESE	SE	SE	SE	SSE	S	SSE	SSW	SW	SSW	SSW	S	S	S	S	S	S	S			161(SSE)
Oct 7	9.3	9.7	11.6	11.0	11.2	13.6	15.2	11.4	16.0	21.1	22.4	28.3	27.8	24.2	19.6	13.6	14.1	10.1	17.3	19.6	13.9	16.9	17.4	12.8	9.3	28.3	**16.2**
	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	WSW	WSW	W	NW			250(WSW)
Oct 8	8.7	10.1	9.8	10.9	12.0	8.5	12.9	12.9	13.5	12.2	12.5	16.5	19.5	18.0	19.9	16.1	15.7	12.0	8.5	8.0	9.5	9.3	9.7	9.0	8.0	19.9	12.3
	NW	WNW	WSW	SW	SW	SW	SW	SW	WSW	WSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WSW	SW			267(W)
Oct 9	12.3	11.8	10.2	11.4	11.8	12.0	11.7	10.6	11.4	13.7	16.4	19.6	20.8	18.9	20.6	18.5	14.1	10.3	9.7	11.0	12.0	11.9	12.3	11.7	9.7	20.8	13.5
	SW	SW	SW	SW	SW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	SW	WSW	SW	WSW	WSW	SW	SW	SW	SSW	SSW	SSW			228(SW)
Oct 10	10.3	11.0	9.2	8.9	10.2	10.4	10.8	12.6	12.7	16.1	17.5	18.7	22.2	21.8	24.1	21.1	15.1	7.8	10.5	12.3	9.4	3.9	5.0	7.8	3.9	24.1	12.9
	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	S	S	S	NW	SSW	NNW			222(SW)
Oct 11	9.1	11.5	11.2	9.4	9.2	10.5	14.8	15.7	19.1	22.8	19.8	19.2	16.4	16.8	17.7	16.0	10.3	12.8	13.2	13.3	13.6	11.4	8.2	9.9	8.2	22.8	13.8
	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	N	N	N			350(N)
Oct 12	11.1	10.4	10.2	8.9	10.9	8.1	10.5	10.4	12.0	13.9	11.5	11.5	10.4	7.9	8.6	7.6	3.2	2.7	1.9	3.1	5.9	6.6	8.1	9.0	1.9	13.9	8.5
	N	NNE	N	N	N	N	N	N	N	NNE	NNE	NNE	N	NNE	NE	N	NNE	NNE	N	S	SSW	SSW	SSW	SSW			5(N)
Oct 13	10.3	9.2	9.5	9.0	8.9	9.6	9.0	8.7	10.3	11.9	17.2	21.1	20.2	17.2	16.7	14.5	10.7	9.1	8.4	8.1	9.1	10.5	14.1	13.3	8.1	21.1	11.9
	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSW			212(SSW)
Oct 14	13.4	12.0	14.0	11.2	11.9	11.6	14.1	13.5	15.3	18.7	17.1	20.7	19.7	19.4	20.2	18.4	16.4	11.2	10.5	11.0	10.9	11.2	10.9	10.5	10.5	20.7	14.3
	SW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW			228(SW)
Oct 15	10.0	10.5	10.9	11.9	14.3	14.5	17.3	18.0	15.1	13.9	10.3	9.4	9.8	9.4	8.5	11.6	13.4	11.5	11.7	10.1	11.5	7.9	7.6	10.0	7.6	18.0	11.6
	SSW	SSW	SSW	SW	SW	WSW	SW	SW	WSW	WSW	WSW	W	WSW	WSW	WSW	SW	SW	SW	WSW	WSW	SW	SW	SSW	SSW			234(SW)
Oct 16	6.8	8.0	7.3	9.7	10.3	11.5	10.3	10.1	8.1	8.6	10.0	14.8	17.1	16.4	18.6	16.2	19.8	17.8	12.5	13.5	13.9	**29.8**	26.4	23.7	6.8	**29.8**	14.2
	S	SSW	SSW	SSW	SSW	SW	SSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	SW	SW	WSW	WSW	W	W	W			232(SW)
Oct 17	23.9	21.6	17.1	13.1	8.5	10.9	9.3	11.1	11.0	10.6	8.9	10.7	12.6	13.1	14.0	14.1	9.9	6.9	5.2	13.7	15.1	15.6	16.2	13.5	5.2	23.9	12.8
	W	WNW	WNW	WNW	WSW	WSW	SW	SW	SW	WSW	WSW	W	WNW	WNW	WNW	WNW	NW	WNW	WSW	WSW	W	W	W	W			272(W)
Oct 18	10.5	10.1	9.7	13.2	14.0	14.5	14.1	10.3	10.6	12.6	15.7	16.0	16.5	15.5	13.3	13.4	10.5	9.0	6.7	9.4	11.2	10.3	12.8	14.4	6.7	16.5	12.3
	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	SW	S	SE	SE	SE	SE	ESE			217(SW)
Oct 19	14.6	11.2	11.4	7.0	11.6	6.2	7.3	6.5	5.1	4.0	4.4	3.1	4.9	6.2	7.8	7.4	6.8	8.0	8.8	9.8	9.2	10.7	11.0	10.5	3.1	14.6	8.1
	SE	SSE	ESE	E	E	ESE	ESE	ESE	ESE	E	ESE	SSE	W	WNW	WNW	NW	NW	NNW	NNW	N	N	NNW	N	N			40(NE)
Oct 20	9.8	7.4	5.4	7.3	7.5	5.5	2.9	4.8	10.4	15.2	12.9	11.7	15.4	18.3	15.6	15.3	14.1	9.4	13.3	10.0	10.4	10.8	16.9	18.2	2.9	18.3	11.2
	NNW	NNW	NNW	NW	WNW	WSW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	WSW	WSW			233(SW)
Oct 21	18.3	18.6	15.3	13.4	13.2	13.7	14.1	13.8	11.9	14.0	17.4	16.9	17.2	16.5	16.6	18.2	15.5	10.8	13.1	14.2	12.0	10.0	11.9	12.5	10.0	18.6	14.5
	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	W	W	W	WSW	WSW	WSW	WSW	SW	SW	SW			253(WSW)
Oct 22	11.9	10.7	10.3	9.1	9.7	7.9	9.2	9.2	10.3	11.3	13.1	12.1	13.2	16.1	15.2	15.4	15.3	15.4	10.7	7.5	8.3	7.2	2.6	4.8	2.6	16.1	10.7
	SW	SSW	SSW	SSW	SSW	SSW	S	S	S	SSE	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	ESE	ESE	S			166(SSE)
Oct 23	9.0	10.0	15.6	15.8	14.5	14.5	14.5	12.5	12.7	12.3	15.3	17.0	14.6	16.7	13.5	15.0	11.0	9.2	10.5	14.0	13.3	13.7	14.3	13.9	9.0	17.0	13.5
	SSE	SW	WSW	SW	SW	SW	SW	SW	SSW	SSW	SW	SSW	SSW	SW	SSW	SSW	S	SSE	SSE	SSW	SSW	SSW	SSW	SSW			211(SSW)
Oct 24	11.7	12.3	9.5	8.6	9.6	8.9	7.8	7.7	7.1	4.4	5.7	4.3	1.2	5.8	10.5	6.8	3.3	6.1	6.7	8.9	7.9	7.4	5.5	3.8	1.2	12.3	7.1
	SSW	SSW	S	SSW	SSW	SSW	S	S	SSE	SSE	S	SSW	ESE	E	ESE	SE	SSE	NW	N	N	NE	ENE	ENE	E			165(SSE)
Oct 25	9.1	7.0	10.2	11.4	11.9	9.8	9.8	11.0	16.0	15.0	18.3	19.7	25.8	24.1	19.7	14.4	10.0	6.2	8.1	9.5	7.2	7.3	8.6	8.4	6.2	25.8	12.4
	W	W	WNW	WNW	WNW	W	W	WSW	WSW	WSW	W	W	W	W	W	W	WSW	SW	SW	SSW	SSW	SSE	SE	ESE			257(WSW)
Oct 26	8.3	11.0	8.3	10.5	8.4	9.2	11.2	11.2	14.7	13.6	14.2	13.0	9.8	9.4	11.4	11.4	13.9	14.0	11.7	11.4	10.9	10.2	11.7	**X**	8.3	14.7	11.3
	E	SE	ESE	ESE	E	ENE	ENE	E	E	ENE	E	E	ENE	NNE	N	NNE	NNE	NNE	NNE	NNE	N	N	NNW	**X**			54(NE)
Oct 27	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	14.1	14.1	12.6	10.2	10.1	10.1	10.1	9.3	10.1	9.3	9.5	9.3	14.1	NA
	X	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	NW	NW	NW	NW	NW	WNW	NW	NW	WNW	WNW	WNW			NA(NA)
Oct 28	10.0	10.1	10.5	8.8	8.5	9.0	8.3	8.4	6.5	7.1	9.0	10.2	12.3	9.4	8.7	6.1	6.0	6.8	8.3	10.6	9.0	15.0	16.0	18.6	6.0	18.6	9.7
	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	W	W	WSW	SW	SW	SW	S	SSE	SE	SE	SE	ESE	SE	ESE	ESE			227(SW)
Oct 29	19.4	19.7	17.3	13.3	12.9	3.8	4.2	6.2	6.0	5.4	6.1	7.3	8.8	6.7	6.8	5.4	4.3	1.9	**0.8**	4.5	4.2	5.9	8.9	5.3	**0.8**	19.7	7.7
	ESE	ESE	ESE	ESE	ESE	E	NE	E	W	NW	NW	NNW	WNW	WNW	WNW	NW	NW	NNW	NE	SSE	S	SW	WSW	W			97(E)
Oct 30	4.9	5.8	7.6	7.5	9.7	9.8	7.3	10.2	10.8	12.2	11.8	10.3	12.1	10.7	10.9	9.0	8.7	9.4	8.8	9.3	10.1	9.8	7.8	9.2	4.9	12.2	9.3
	W	SW	WSW	WSW	SW	SW	WSW	WSW	SW	WSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW			228(SW)
Oct 31	11.6	11.2	11.1	13.3	13.9	13.5	14.0	15.1	14.9	15.6	17.4	13.7	14.1	16.1	9.1	6.3	7.0	9.6	5.9	7.9	10.5	11.8	15.6	17.0	5.9	17.4	12.3
	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	S	S	SSW	SSW	SW	SW			174(S)

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)					

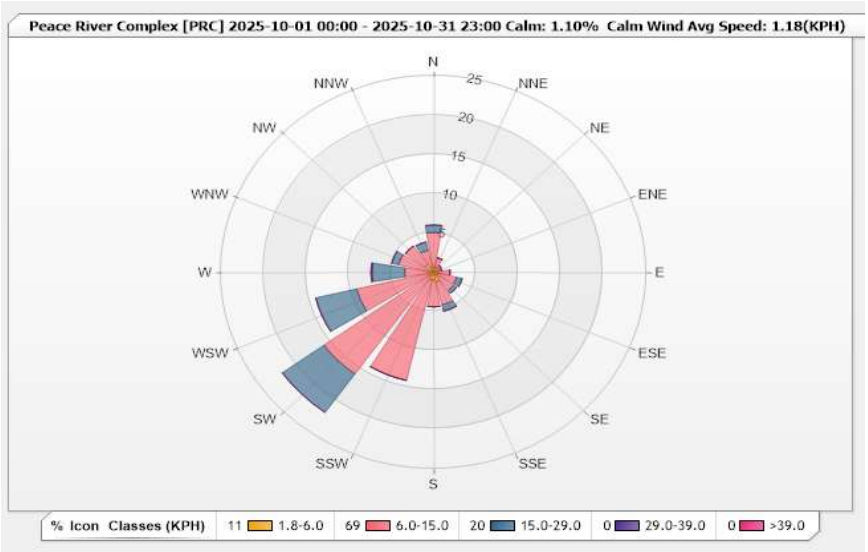
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

Station: Peace River Complex [PRC] Monitor: WDS [KPH] Monthly: 10-2025

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

Calm (WS<1.8kph): 1.10% Valid Data: 98.12%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	0.55	4.52	0.96	0	0	6.03
NNE	0.68	1.23	0	0	0	1.91
NE	0.68	0.41	0	0	0	1.09
ENE	0.27	0.68	0	0	0	0.95
E	0.55	1.37	0	0	0	1.92
ESE	0.55	2.19	0.68	0	0	3.42
SE	0.27	2.6	0.41	0	0	3.28
SSE	1.23	3.01	0.82	0	0	5.06
S	0.96	3.42	0	0	0	4.38
SSW	0.96	13.15	0	0	0	14.11
SW	0.68	15.21	6.03	0	0	21.92
WSW	0.68	8.63	4.93	0	0	14.24
W	0.41	3.01	3.84	0.14	0	7.4
WNW	0.14	4.11	0.82	0	0	5.07
NW	1.23	2.88	0	0	0	4.11
NNW	0.68	2.19	1.1	0	0	3.97
Summary	10.52	68.61	19.59	0.14	0	98.86



AQHI GRIMSHAW STATION

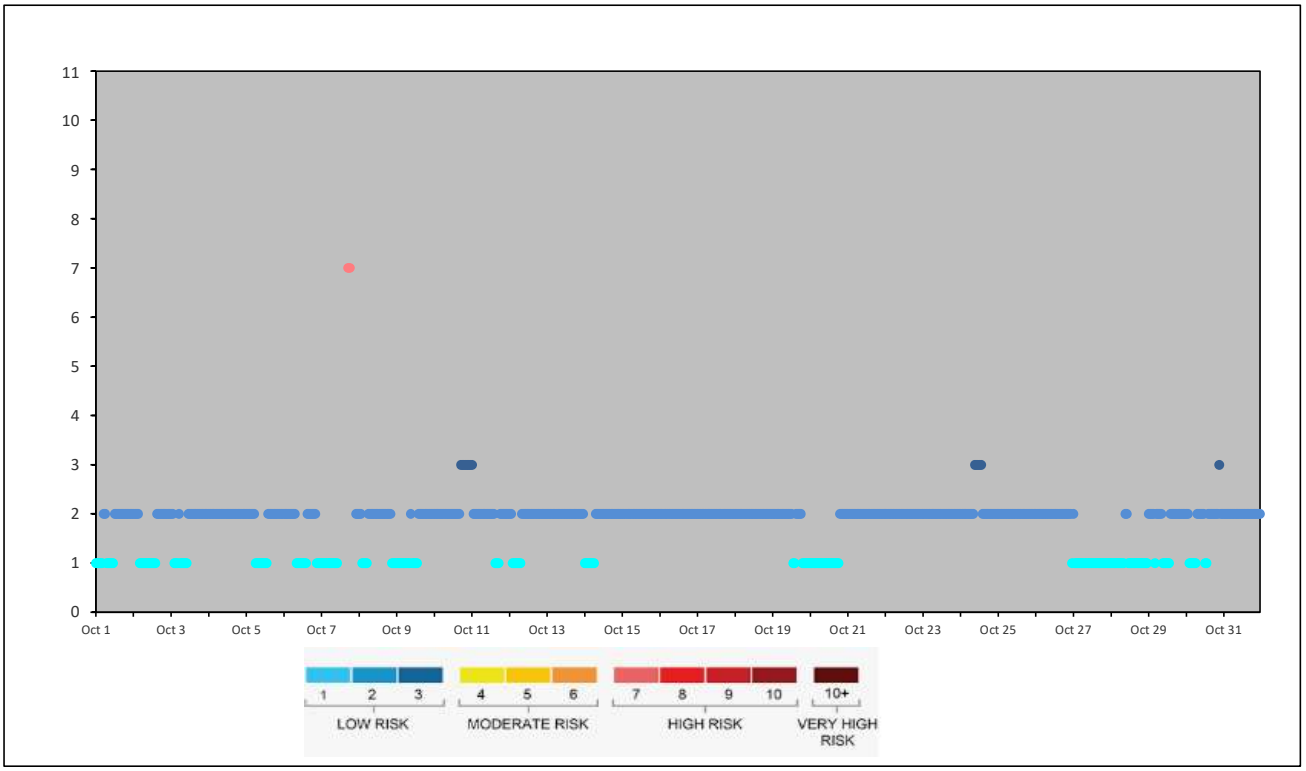
LAKELAND INDUSTRY & COMMUNITY ASSOCIATION

AQHI - Grimshaw Station - October 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
Oct 1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Oct 2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Oct 3	2	2	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 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
Oct 5	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Oct 6	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
Oct 7	1	1	1	1	1	1	1	1	1	1	1	NA	NA	NA	NA	NA	NA	7	7	NA	NA	NA	2	2
Oct 8	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
Oct 9	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Oct 10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Oct 11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
Oct 12	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 19	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1
Oct 20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Oct 21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 24	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
Oct 25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Oct 26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Oct 27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oct 28	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Oct 29	2	2	2	2	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Oct 30	2	2	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	2	2
Oct 31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Note: **NA: Note Available**



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

SULPHUR DIOXIDE (SO_2) in ppb

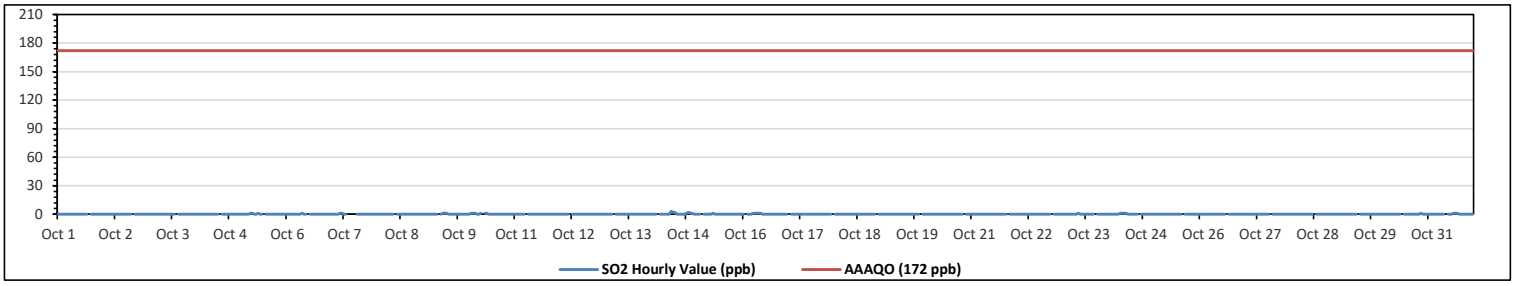
Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb

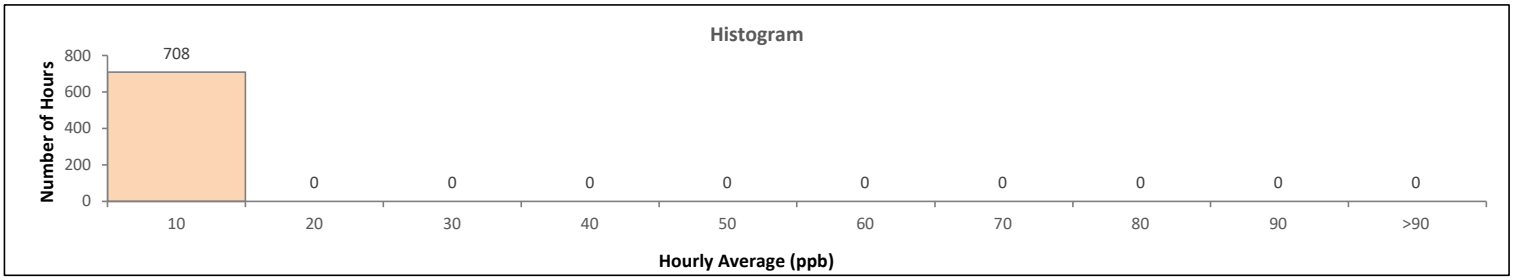
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0	30-Day Exceedence:	0	
Maximum Hourly Value:	3	ppb	on Oct 14 at hr 10	Hours in Service:	744	
Maximum Daily Value:	0.5	ppb	on Oct 14	Hours of Data:	708	
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	ppb	on Oct 1	Hours of Calibration:	36	
Monthly Average:	0.1	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			
Oct 1	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
Oct 2	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
Oct 3	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
Oct 4	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
Oct 5	0	0	0	0	0	1	1	0	0	1	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 6	0	0	0	0	0	0	0	0	1	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 7	0	0	0	0	1	1	0	0	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 8	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
Oct 9	0	0	0	0	0	0	0	0	S	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Oct 10	0	1	1	1	0	0	1	S	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3
Oct 11	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
Oct 12	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
Oct 13	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
Oct 14	0	0	0	S	0	0	0	0	0	0	3	2	2	0	0	0	0	0	1	2	1	1	0	0	0	3	0.5
Oct 15	0	0	S	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Oct 16	0	S	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Oct 17	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
Oct 18	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
Oct 19	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
Oct 20	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
Oct 21	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
Oct 22	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
Oct 23	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	1	0.0
Oct 24	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	1	0.2
Oct 25	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
Oct 26	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
Oct 27	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
Oct 28	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
Oct 29	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
Oct 30	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.0
Oct 31	0	0	0	0	0	0	0	0	0	S	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0.1
Diurnal Maximum	0	1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	0	0	1	2	1	1	0	0			
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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.



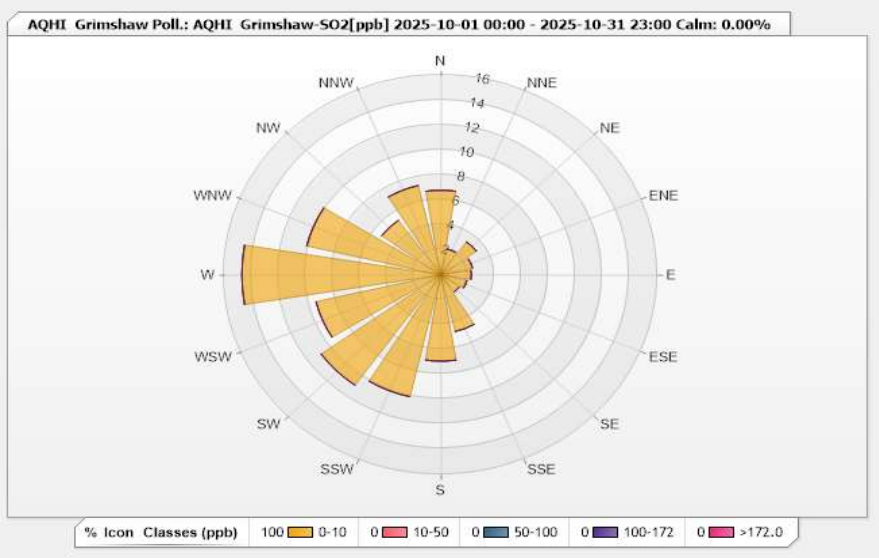


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-SO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppb]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	6.78	0	0	0	0	6.78
NNE	2.12	0	0	0	0	2.12
NE	3.25	0	0	0	0	3.25
ENE	2.4	0	0	0	0	2.4
E	2.26	0	0	0	0	2.26
ESE	1.98	0	0	0	0	1.98
SE	1.69	0	0	0	0	1.69
SSE	4.66	0	0	0	0	4.66
S	6.92	0	0	0	0	6.92
SSW	10.03	0	0	0	0	10.03
SW	10.88	0	0	0	0	10.88
WSW	9.46	0	0	0	0	9.46
W	14.69	0	0	0	0	14.69
WNW	10.17	0	0	0	0	10.17
NW	5.37	0	0	0	0	5.37
NNW	7.34	0	0	0	0	7.34
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

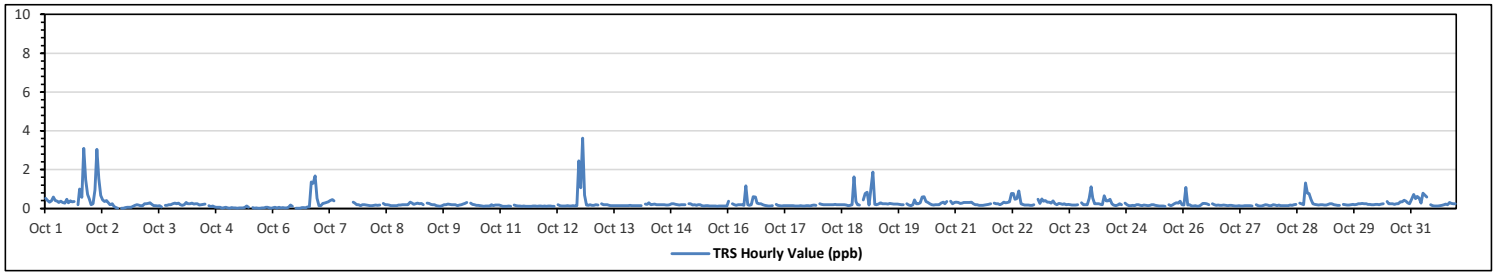
TOTAL REDUCED SULPHUR (TRS) in ppb

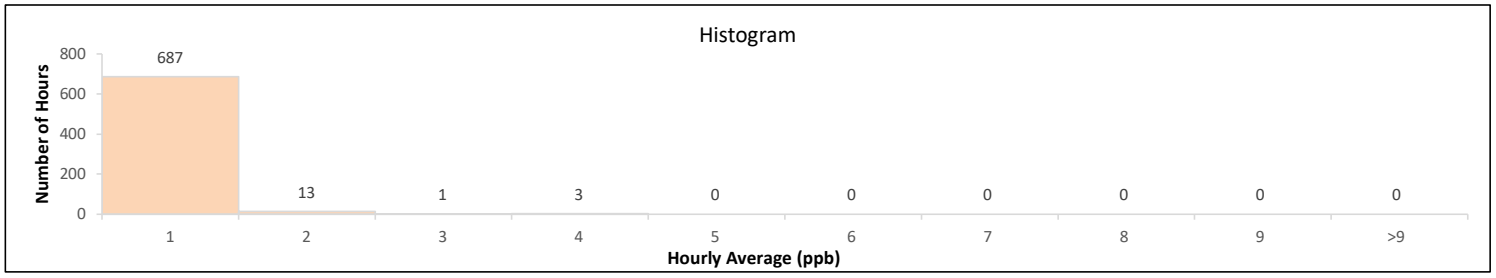
Maximum Hourly Value:	3.62	ppb	on Oct 12 at hr 19	Hours in Service:	744	
Maximum Daily Value:	0.59	ppb	on Oct 1	Hours of Data:	704	
Minimum Hourly Value:	0.01	ppb	on Oct 2 at hr 14	Hours of Missing Data:	2	
Minimum Daily Value:	0.04	ppb	on Oct 5	Hours of Calibration:	38	
Monthly Average:	0.25	ppb		Operational Uptime:	99.7	

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			
Oct 1	0.52	0.42	0.32	0.39	0.58	0.40	0.37	0.30	0.38	0.30	0.28	0.48	0.29	0.39	0.34	0.36	S	0.19	0.99	0.57	3.09	1.48	0.71	0.50	0.19	3.09	**0.59**
Oct 2	0.20	0.24	0.96	3.05	1.55	0.67	0.44	0.35	0.40	0.29	0.19	0.25	0.09	0.04	0.01	S	0.01	0.01	0.04	0.05	0.05	0.06	0.10	0.16	0.01	3.05	0.40
Oct 3	0.19	0.17	0.15	0.12	0.23	0.24	0.26	0.29	0.21	0.15	0.14	0.12	0.14	0.08	S	0.16	0.16	0.18	0.19	0.25	0.28	0.24	0.27	0.19	0.08	0.29	0.19
Oct 4	0.16	0.19	0.31	0.24	0.25	0.28	0.22	0.23	0.24	0.17	0.20	0.21	0.22	S	0.14	0.09	0.12	0.08	0.06	0.07	0.05	0.02	0.04	0.05	0.02	0.31	0.16
Oct 5	0.03	0.01	0.04	0.03	0.03	0.02	0.03	0.03	0.03	0.06	0.12	0.05	S	0.04	0.02	0.03	0.02	0.02	0.03	0.03	0.05	0.05	0.03	0.01	0.01	0.12	0.04
Oct 6	0.04	0.05	0.02	0.05	0.03	0.04	0.03	0.03	0.07	0.17	0.11	S	0.01	0.01	0.01	0.04	0.04	0.03	0.08	0.08	1.36	1.29	1.68	0.52	0.01	1.68	0.25
Oct 7	0.14	0.15	0.26	0.27	0.30	0.34	0.42	0.46	0.39	C	C	C	NRM	NRM	C	C	C	C	0.32	0.27	0.20	0.18	0.14	0.18	0.14	0.46	NA
Oct 8	0.18	0.17	0.16	0.15	0.15	0.16	0.17	0.16	0.17	S	0.26	0.20	0.18	0.17	0.15	0.14	0.14	0.15	0.17	0.17	0.19	0.20	0.19	0.20	0.14	0.26	0.17
Oct 9	0.33	0.27	0.21	0.24	0.27	0.23	0.26	0.20	S	0.28	0.26	0.21	0.20	0.18	0.15	0.13	0.11	0.15	0.18	0.20	0.22	0.21	0.20	0.19	0.11	0.33	0.21
Oct 10	0.19	0.15	0.17	0.19	0.22	0.26	0.31	S	0.27	0.21	0.18	0.16	0.16	0.14	0.13	0.11	0.12	0.13	0.13	0.18	0.15	0.17	0.17	0.17	0.11	0.31	0.18
Oct 11	0.14	0.11	0.10	0.10	0.12	0.11	S	0.17	0.14	0.13	0.12	0.11	0.12	0.11	0.11	0.11	0.11	0.13	0.12	0.11	0.12	0.12	0.11	0.12	0.10	0.17	0.12
Oct 12	0.11	0.12	0.12	0.11	0.11	S	0.19	0.14	0.13	0.13	0.13	0.14	0.13	0.13	0.14	0.13	0.14	2.45	1.06	**3.62**	0.68	0.17	0.16	0.20	0.11	**3.62**	0.45
Oct 13	0.16	0.16	0.18	0.17	S	0.25	0.20	0.20	0.19	0.16	0.15	0.15	0.15	0.14	0.15	0.15	0.14	0.15	0.15	0.15	0.16	0.15	0.15	0.14	0.14	0.25	0.16
Oct 14	0.15	0.15	0.15	S	0.22	0.21	0.29	0.19	0.21	0.22	0.20	0.18	0.19	0.18	0.18	0.17	0.17	0.18	0.25	0.23	0.21	0.20	0.17	0.19	0.15	0.29	0.20
Oct 15	0.18	0.19	S	0.25	0.23	0.17	0.18	0.16	0.19	0.18	0.15	0.13	0.14	0.14	0.12	0.12	0.12	0.13	0.11	0.13	0.12	0.12	0.12	0.12	0.11	0.25	0.15
Oct 16	0.38	S	0.23	0.18	0.16	0.18	0.20	0.18	0.16	1.16	0.18	0.16	0.19	0.61	0.58	0.27	0.23	0.23	0.18	0.16	0.14	0.13	0.13	0.14	0.13	1.16	0.27
Oct 17	S	0.21	0.16	0.15	0.13	0.14	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.14	0.13	0.13	0.14	0.14	0.13	0.16	0.17	0.16	S	0.13	0.21	0.15
Oct 18	0.24	0.21	0.20	0.20	0.19	0.20	0.19	0.20	0.21	0.20	0.20	0.20	0.20	0.18	0.17	0.15	0.16	0.19	1.63	0.35	0.19	0.17	S	0.44	0.15	1.63	0.27
Oct 19	0.76	0.83	0.17	1.03	1.87	0.21	0.19	0.22	0.29	0.24	0.24	0.23	0.22	0.26	0.24	0.22	0.22	0.22	0.21	0.19	0.19	S	0.25	0.17	0.17	1.87	0.38
Oct 20	0.15	0.18	0.44	0.25	0.25	0.29	0.59	0.61	0.36	0.31	0.23	0.18	0.17	0.19	0.18	0.19	0.28	0.32	0.23	0.36	S	0.37	0.25	0.30	0.15	0.61	0.29
Oct 21	0.33	0.31	0.26	0.27	0.30	0.30	0.30	0.31	0.32	0.24	0.20	0.18	0.16	0.16	0.16	0.17	0.19	0.21	0.24	S	0.28	0.23	0.23	0.20	0.16	0.33	0.24
Oct 22	0.24	0.32	0.29	0.30	0.34	0.78	0.78	0.48	0.50	0.89	0.24	0.21	0.17	0.17	0.17	0.16	0.16	0.18	S	0.47	0.26	0.49	0.37	0.40	0.16	0.89	0.36
Oct 23	0.33	0.32	0.28	0.39	0.23	0.20	0.26	0.23	0.21	0.23	0.20	0.21	0.20	0.17	0.17	0.17	0.20	S	0.29	0.19	0.18	0.18	0.52	1.11	0.17	1.11	0.28
Oct 24	0.53	0.23	0.25	0.23	0.21	0.19	0.66	0.39	0.39	0.47	0.24	0.17	0.15	0.17	0.25	0.18	S	0.27	0.18	0.15	0.15	0.16	0.15	0.19	0.15	0.66	0.26
Oct 25	0.18	0.16	0.15	0.17	0.16	0.15	0.16	0.18	0.18	0.16	0.14	0.12	0.12	0.12	0.10	S	0.19	0.15	0.17	0.23	0.29	0.27	0.37	0.19	0.10	0.37	0.18
Oct 26	0.17	1.09	0.17	0.18	0.13	0.13	0.14	0.11	0.13	0.17	0.26	0.26	0.24	0.20	S	0.23	0.18	0.16	0.17	0.16	0.16	0.17	0.16	0.14	0.11	1.09	0.21
Oct 27	0.16	0.16	0.15	0.13	0.13	0.14	0.12	0.13	0.15	0.15	0.15	0.15	0.13	S	0.20	0.15	0.13	0.12	0.16	0.18	0.17	0.14	0.15	0.18	0.12	0.20	0.15
Oct 28	0.17	0.14	0.17	0.15	0.15	0.14	0.14	0.15	0.17	0.16	0.18	0.21	S	0.27	0.25	0.20	1.30	0.79	0.78	0.48	0.25	0.21	0.18	0.17	0.14	1.30	0.30
Oct 29	0.18	0.18	0.17	0.17	0.21	0.23	0.23	0.18	0.17	0.16	0.16	S	0.21	0.18	0.17	0.17	0.19	0.21	0.19	0.21	0.23	0.24	0.26	0.25	0.16	0.26	0.20
Oct 30	0.25	0.21	0.21	0.20	0.19	0.21	0.21	0.20	0.22	0.25	S	0.36	0.25	0.23	0.25	0.21	0.23	0.24	0.34	0.34	0.43	0.37	0.29	0.24	0.19	0.43	0.26
Oct 31	0.46	0.72	0.50	0.62	0.54	0.28	0.79	0.69	0.60	S	0.20	0.15	0.13	0.13	0.12	0.14	0.16	0.20	0.22	0.19	0.30	0.26	0.24	0.23	0.12	0.79	0.34
Diurnal Maximum	0.76	1.09	0.96	3.05	1.87	0.78	0.79	0.69	0.60	1.16	0.28	0.48	0.29	0.61	0.58	0.36	1.30	2.45	1.63	3.62	3.09	1.48	1.68	1.11			
Diurnal Average	0.24	0.26	0.23	0.33	0.32	0.24	0.28	0.24	0.24	0.26	0.19	0.19	0.17	0.18	0.17	0.16	0.19	0.26	0.30	0.33	0.34	0.27	0.27	0.24			

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 - October 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

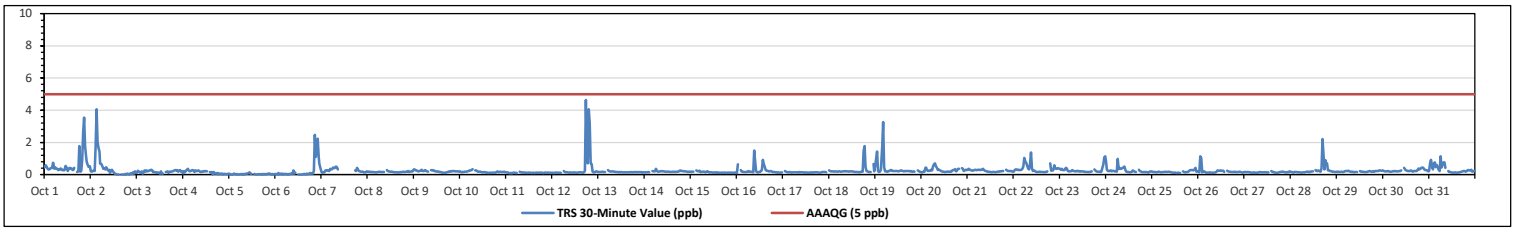
Maximum 30-Minute Value:	4.64 ppb	on Oct 12 at 17:30	# of Instrument in Service	1488
Maximum Daily Value:	0.59 ppb	on Oct 1	# of Valid Measurements	1409
Minimum 30-Minute Value:	0.00 ppb	Oct 2 at 14:00	# of Missing Measurements:	5
Minimum Daily Value:	0.04 ppb	on Oct 5	# of Calibration:	74
Monthly Average:	0.25 ppb		Operational Uptime:	99.7

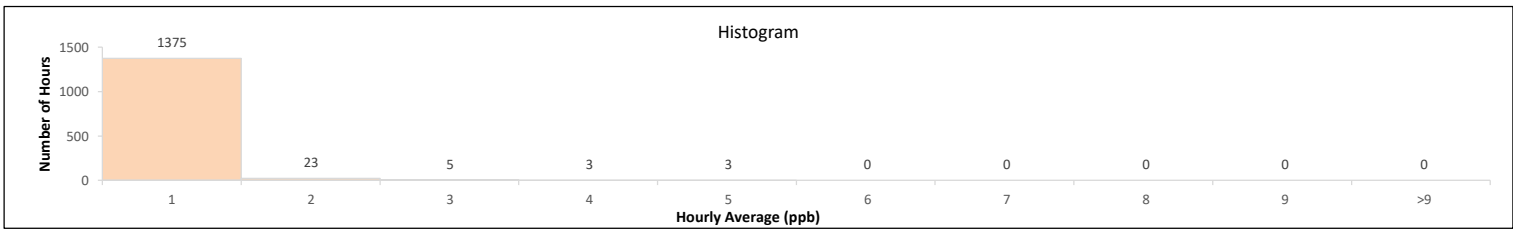
30-Minute Period Starting at (MST)	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Diurnal Maximum	Diurnal Average
00:00	0.44	0.21	0.13	0.09	0.03	0.05	0.17	0.19	0.33	0.20	0.14	0.12	0.16	0.14	0.17	0.11	S	0.26	0.53	0.15	0.31	0.19	0.35	0.74	0.19	0.19	0.16	0.18	0.18	0.26	0.24	0.74	0.22
00:30	0.59	0.19	0.25	0.24	0.04	0.03	0.11	0.18	0.33	0.17	0.15	0.11	0.16	0.15	0.18	0.64	S	0.22	0.99	0.15	0.35	0.29	0.31	0.32	0.17	0.15	0.17	0.17	0.17	0.23	0.69	0.99	0.26
01:00	0.48	0.22	0.17	0.14	0.00	0.00	0.15	0.17	0.27	0.15	0.12	0.11	0.17	0.15	0.18	S	0.23	0.21	1.45	0.18	0.33	0.32	0.36	0.22	0.17	1.14	0.15	0.15	0.18	0.21	0.91	1.45	0.29
01:30	0.36	0.25	0.17	0.25	0.01	0.10	0.14	0.18	0.26	0.16	0.10	0.12	0.16	0.15	0.19	S	0.19	0.21	0.22	0.18	0.29	0.33	0.29	0.23	0.16	1.03	0.16	0.13	0.17	0.21	0.53	1.03	0.23
02:00	0.32	0.24	0.11	0.28	0.01	0.01	0.26	0.15	0.22	0.17	0.09	0.12	0.18	0.16	S	0.28	0.16	0.21	0.17	0.43	0.27	0.28	0.28	0.24	0.14	0.15	0.16	0.16	0.17	0.21	0.33	0.43	0.20
02:30	0.33	1.78	0.21	0.35	0.07	0.04	0.27	0.17	0.20	0.18	0.10	0.12	0.17	0.14	S	0.18	0.15	0.19	0.18	0.45	0.25	0.31	0.28	0.26	0.15	0.19	0.14	0.17	0.18	0.22	0.69	1.78	0.27
03:00	0.39	4.05	0.08	0.27	0.05	0.08	0.29	0.16	0.23	0.19	0.09	0.12	0.17	S	0.26	0.18	0.14	0.20	0.33	0.28	0.26	0.30	0.41	0.20	0.16	0.20	0.14	0.16	0.17	0.20	0.77	4.05	0.35
03:30	0.40	2.04	0.15	0.21	0.02	0.02	0.25	0.14	0.25	0.19	0.11	0.10	0.16	S	0.24	0.17	0.16	0.20	1.74	0.22	0.29	0.30	0.38	0.25	0.18	0.17	0.13	0.14	0.17	0.19	0.47	2.04	0.31
04:00	0.43	1.66	0.27	0.23	0.04	0.06	0.23	0.15	0.31	0.21	0.12	0.12	S	0.24	0.20	0.17	0.14	0.19	3.26	0.25	0.31	0.31	0.26	0.22	0.17	0.13	0.12	0.15	0.20	0.19	0.60	3.26	0.36
04:30	0.74	1.44	0.19	0.27	0.02	0.00	0.37	0.15	0.22	0.23	0.12	0.10	S	0.20	0.25	0.16	0.13	0.19	0.47	0.25	0.28	0.36	0.20	0.21	0.15	0.13	0.13	0.15	0.22	0.19	0.47	1.44	0.27
05:00	0.35	0.68	0.27	0.30	0.01	0.05	0.33	0.15	0.23	0.26	0.11	S	0.28	0.21	0.17	0.17	0.14	0.20	0.20	0.31	0.30	0.51	0.20	0.20	0.15	0.13	0.15	0.14	0.23	0.20	0.31	0.68	0.23
05:30	0.45	0.66	0.20	0.27	0.03	0.04	0.34	0.16	0.23	0.26	0.11	S	0.23	0.21	0.16	0.19	0.15	0.20	0.23	0.26	0.31	1.05	0.20	0.18	0.16	0.13	0.13	0.13	0.24	0.22	0.24	1.05	0.25
06:00	0.38	0.52	0.24	0.16	0.03	0.02	0.44	0.18	0.28	0.28	S	0.22	0.21	0.37	0.19	0.22	0.15	0.19	0.19	0.53	0.31	0.83	0.24	0.98	0.16	0.14	0.11	0.13	0.25	0.20	1.14	1.14	0.31
06:30	0.37	0.35	0.27	0.27	0.04	0.05	0.40	0.16	0.23	0.34	S	0.17	0.19	0.22	0.18	0.18	0.14	0.18	0.19	0.65	0.29	0.74	0.28	0.34	0.17	0.13	0.13	0.15	0.20	0.22	0.44	0.74	0.26
07:00	0.30	0.38	0.26	0.24	0.01	0.01	0.41	0.16	0.21	S	0.19	0.14	0.20	0.19	0.18	0.19	0.14	0.20	0.22	0.70	0.31	0.56	0.24	0.41	0.18	0.11	0.13	0.15	0.18	0.20	0.62	0.70	0.25
07:30	0.31	0.32	0.31	0.22	0.04	0.05	0.50	0.17	0.19	S	0.15	0.14	0.21	0.19	0.15	0.17	0.14	0.20	0.23	0.53	0.31	0.39	0.22	0.37	0.17	0.12	0.14	0.15	0.18	0.21	0.76	0.76	0.24
08:00	0.37	0.46	0.26	0.26	0.02	0.05	0.46	0.17	S	0.27	0.14	0.14	0.19	0.21	0.16	0.18	0.13	0.20	0.28	0.43	0.35	0.33	0.20	0.37	0.17	0.13	0.16	0.16	0.16	0.20	0.77	0.77	0.25
08:30	0.39	0.33	0.15	0.23	0.04	0.09	0.32	0.17	S	0.26	0.13	0.12	0.19	0.21	0.21	0.15	0.16	0.22	0.30	0.29	0.29	0.67	0.21	0.40	0.18	0.13	0.14	0.19	0.19	0.23	0.42	0.67	0.23
09:00	0.29	0.27	0.16	0.16	0.06	0.08	C	S	0.29	0.23	0.14	0.12	0.16	0.23	0.21	1.50	0.15	0.20	0.24	0.33	0.25	1.39	0.25	0.45	0.16	0.14	0.15	0.18	0.15	0.23	S	1.50	0.29
09:30	0.31	0.31	0.14	0.17	0.06	0.27	C	S	0.26	0.19	0.13	0.14	0.16	0.21	0.15	0.82	0.14	0.20	0.23	0.28	0.24	0.39	0.21	0.50	0.16	0.19	0.15	0.15	0.17	0.27	S	0.82	0.24
10:00	0.27	0.11	0.12	0.21	0.09	0.08	C	0.29	0.29	0.18	0.12	0.13	0.16	0.21	0.15	0.20	0.14	0.20	0.23	0.25	0.21	0.22	0.22	0.30	0.15	0.27	0.15	0.18	0.16	S	0.23	0.30	0.19
10:30	0.29	0.27	0.15	0.19	0.15	0.13	C	0.23	0.24	0.18	0.12	0.13	0.14	0.19	0.15	0.15	0.14	0.19	0.24	0.21	0.19	0.27	0.18	0.18	0.13	0.25	0.15	0.18	0.16	S	0.17	0.29	0.18
11:00	0.55	0.31	0.13	0.22	0.06	S	C	0.20	0.22	0.16	0.11	0.13	0.16	0.18	0.14	0.15	0.13	0.20	0.24	0.19	0.18	0.22	0.20	0.17	0.12	0.25	0.15	0.21	S	0.41	0.16	0.55	0.20
11:30	0.41	0.20	0.10	0.20	0.05	S	C	0.19	0.20	0.15	0.12	0.14	0.15	0.18	0.13	0.16	0.13	0.21	0.22	0.18	0.17	0.19	0.21	0.16	0.13	0.26	0.15	0.20	S	0.32	0.14	0.41	0.18
12:00	0.22	0.13	0.07	0.23	S	0.01	NRM	0.18	0.19	0.15	0.13	0.13	0.16	0.19	0.13	0.16	0.14	0.21	0.21	0.16	0.16	0.17	0.20	0.15	0.12	0.23	0.13	S	0.23	0.26	0.13	0.26	0.16
12:30	0.35	0.06	0.21	0.21	S	0.02	NRM	0.19	0.20	0.16	0.12	0.13	0.15	0.19	0.15	0.22	0.13	0.18	0.23	0.17	0.15	0.17	0.19	0.15	0.11	0.25	0.14	S	0.19	0.25	0.12	0.35	0.17
13:00	0.42	0.05	0.08	S	0.05	0.00	NRM	0.16	0.19	0.15	0.10	0.13	0.14	0.19	0.13	0.28	0.12	0.19	0.25	0.19	0.17	0.17	0.18	0.16	0.11	0.25	S	0.30	0.18	0.22	0.13	0.42	0.17
13:30	0.36	0.02	0.08	S	0.03	0.01	NRM	0.17	0.17	0.13	0.11	0.13	0.15	0.17	0.14	0.93	0.13	0.17	0.26	0.19	0.16	0.18	0.17	0.18	0.12	0.16	S	0.23	0.19	0.24	0.14	0.93	0.18
14:00	0.38	0.00	S	0.16	0.02	0.00	NRM	0.15	0.16	0.14	0.12	0.14	0.15	0.17	0.11	0.66	0.13	0.17	0.25	0.18	0.16	0.17	0.17	0.27	0.10	S	0.23	0.24	0.17	0.24	0.13	0.66	0.18
14:30	0.29	0.02	S	0.13	0.01	0.03	C	0.15	0.14	0.11	0.11	0.14	0.15	0.19	0.12	0.49	0.14	0.16	0.22	0.18	0.15	0.17	0.17	0.23	0.10	S	0.17	0.27	0.17	0.26	0.12	0.49	0.16
15:00	0.31	S	0.17	0.17	0.03	0.05	C	0.14	0.13	0.11	0.11	0.14	0.15	0.17	0.12	0.29	0.13	0.16	0.21	0.18	0.16	0.16	0.17	0.19	S	0.25	0.16	0.21	0.17	0.22	0.13	0.31	0.16
15:30	0.41	S	0.16	0.01	0.03	0.03	C	0.14	0.12	0.12	0.12	0.12	0.14	0.18	0.11	0.25	0.14	0.15	0.22	0.19	0.18	0.16	0.17	0.17	S	0.20	0.14	0.19	0.16	0.19	0.14	0.41	0.16
16:00	S	0.01	0.21	0.17	0.03	0.02	C	0.13	0.11	0.11	0.12	0.13	0.14	0.16	0.12	0.25	0.13	0.16	0.22	0.26	0.17	0.15	0.19	S	0.21	0.19	0.12	0.40	0.18	0.23	0.15	0.40	0.16
16:30	S	0.01	0.10	0.08	0.01	0.06	C	0.14	0.12	0.13	0.11	0.15	0.14	0.18	0.12	0.21	0.14	0.16	0.22	0.29	0.20	0.16	0.21	S	0.16	0.18	0.13	2.21	0.20	0.24	0.16	2.21	0.22
17:00	0.17	0.00	0.18	0.09	0.04	0.03	C	0.16	0.14	0.13	0.12	0.25	0.16	0.19	0.12	0.21	0.14	0.19	0.22	0.29	0.21	0.16	S	0.31	0.15	0.16	0.11	1.25	0.22	0.23	0.18	1.25	0.20
17:30	0.21	0.01	0.18	0.07	0.00	0.04	0.26	0.14	0.17	0.13	0.13	4.64	0.14	0.18	0.13	0.24	0.15	0.19	0.22	0.34	0.21	0.21	S	0.23	0.15	0.16	0.13	0.33	0.20	0.24	0.21	4.64	0.32
18:00	1.78	0.05	0.18	0.11	0.04	0.11	0.23	0.17	0.16	0.13	0.12	1.41	0.15	0.22	0.13	0.20	0.15	1.50	0.21	0.20	0.23	S	0.32	0.20	0.17	0.17	0.15	0.90	0.19	0.30	0.22	1.78	0.34
18:30	0.19	0.02	0.20	0.02	0.03	0.06	0.41	0.18	0.20	0.13	0.12	0.71	0.16	0.27	0.10	0.17	0.13	1.77	0.22	0.27	0.24	S	0.26	0.16	0.17	0.16	0.17	0.66	0.18	0.38	0.23	1.77	0.27
19:00	0.23	0.07	0.23	0.08	0.02	0.09	0.31	0.17	0.18	0.17	0.11	4.06	0.14	0.22	0.13	0.17	0.13	0.46	0.19	0.35	S	0.69	0.21	0.14	0.20	0.18	0.16	0.69	0.22	0.33	0.18	4.06	0.35
19:30	0.91	0.04	0.27	0.06	0.04	0.08	0.24	0.16	0.23	0.20	0.11	3.19	0.16	0.24	0.12	0.16	0.13	0.24	0.19	0.37	S	0.25	0.18	0.16	0.26	0.15	0.19	0.27	0.19	0.36	0.21	3.19	0.31
20:00	2.64	0.02	0.28	0.03	0.04	0.25	0.21	0.18	0.20	0.15	0.12	0.70	0.15	0.22	0.12	0.14	0.14	0.20	0.20	S	0.31	0.26	0.18	0.16	0.28	0.16	0.18	0.26	0.22	0.41	0.29	2.64	0.29
20:30	3.54	0.08	0.27	0.08	0.06	2.48	0.19	0.19	0.24	0.16	0.12	0.66	0.16	0.20	0.12	0.14	0.17	0.17	0.19	S	0.26	0.26	0.18	0.15	0.29	0.17	0.16	0.24	0.24	0.45	0.30	3.54	0.40
21:00	1.79	0.09	0.28	0.01	0.06	1.09	0.18	0.22	0.23	0.18	0.12	0.19	0.15	0.20	0.12	0.13	0.17	0.17	S	0.40	0.24	0.58	0.17	0.17	0.28	0.16	0.14	0.22	0.23	0.42	0.26	1.79	0.29
21:30	1.16	0.04	0.19	0.04	0.04	1.49	0.18	0.17	0.20	0.16	0.12	0.15	0.16	0.20	0.13	0.14	0.17	0.16	S	0.35	0.22	0.41	0.19	0.14	0.26	0.18	0.14	0.19	0.24	0.32	0.26	1.49	0.26
22:00	0.80	0.14	0.25	0.05	0.00	2.24	0.14	0.19	0.21	0.16	0.12	0.15	0.14	0.18	0.11	0.13	0.17	S	0.27	0.22	0.22	0.37	0.41	0.13	0.32	0.16	0.15	0.18	0.26	0.30	0.31	2.24	0.28
22:30	0.62	0.06	0.29	0.03	0.05	1.13	0.14	0.18	0.20	0.17	0.11	0.18	0.16	0.17	0.12	0.13	0.15	S	0.22	0.27	0.24	0.37	0.62	0.18	0.43	0.15	0.16	0.18	0.26	0.29	0.18	1.13	0.25
23:00	0.48	0.20	0.18	0.03	0.00	0.68	0.15	0.20	0.21	0.19	0.12	0.20	0.13	0.19	0.12	0.13	S	0.67	0.18	0.31	0.20	0.40	1.08	0.18	0.19	0.13	0.15	0.17	0.25	0.27	0.20	1.08	0.25
23:30	0.52	0.11	0.21	0.07	0.03	0.36	0.21	0.20	0.18	0.15	0.11	0.19	0.14	0.19	0.11	0.14	S	0.21	0.17	0.29	0.19	0.39	1.14	0.20	0.20	0.14	0.20	0.17	0.25	0.21	0.25	1.14	0.23
Minimum	0.17	0.00	0.07	0.01	0.00	0.00	0.11	0.13	0.11	0.11	0.09	0.10	0.13	0.14	0.10	0.11	0.12	0.15	0.17	0.15	0.15	0.15	0.17	0.13	0.10	0.11	0.11	0.13	0.15	0.19	0.12		
Maximum	3.54	4.05	0.31	0.35	0.15	2.48	0.50	0.29	0.33	0.34	0.19	4.64	0.28	0.37	0.26	1.50	0.23	1.77	3.26	0.70	0.35	1.39	1.14	0.98	0.43	1.14	0.23	2.21	0.26	0.45	1.14		
Average	0.59	0.40	0.19	0.16	0.04	0.25	0.27	0.17	0.21	0.18	0.12	0.45	0.16	0.20	0.15	0.27	0.15	0.27	0.38	0.29	0.24	0.36	0.28	0.26	0.18	0.21	0.15	0.30	0.20	0.26	0.34		

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance	P	Power Failure	X	InValid Data (Equipment Malfunction /Recovery)
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.



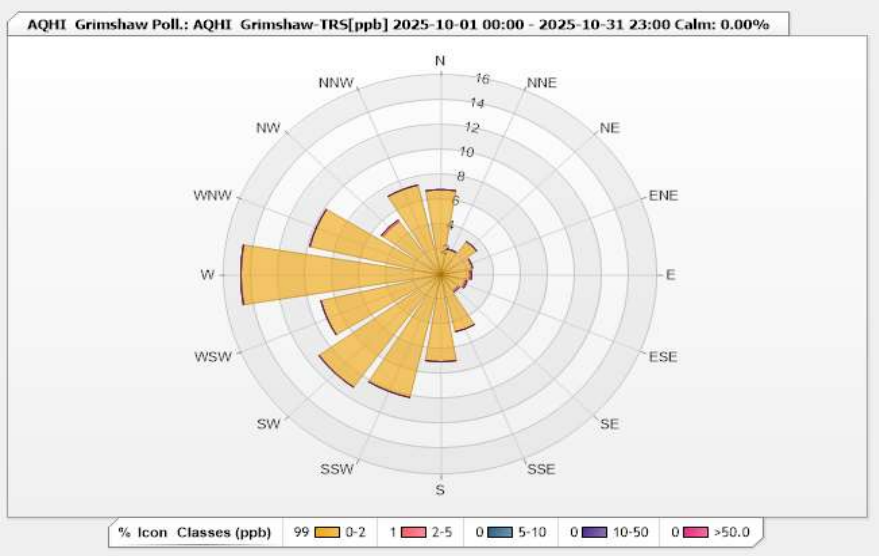


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-TRS[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 94.62% Calm Avg: 0.00 [ppb]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	6.82	0	0	0	0	6.82
NNE	2.13	0	0	0	0	2.13
NE	3.27	0	0	0	0	3.27
ENE	2.41	0	0	0	0	2.41
E	2.13	0.14	0	0	0	2.27
ESE	1.85	0.14	0	0	0	1.99
SE	1.56	0.14	0	0	0	1.7
SSE	4.69	0	0	0	0	4.69
S	6.96	0	0	0	0	6.96
SSW	10.09	0	0	0	0	10.09
SW	11.08	0	0	0	0	11.08
WSW	9.09	0	0	0	0	9.09
W	14.77	0	0	0	0	14.77
WNW	9.94	0	0	0	0	9.94
NW	5.26	0.14	0	0	0	5.4
NNW	7.39	0	0	0	0	7.39
Summary	99.44	0.56	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

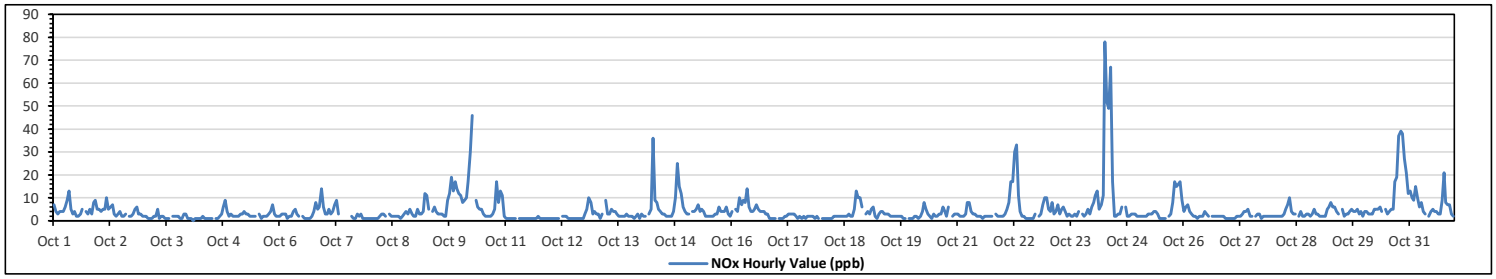
OXIDES OF NITROGEN (NOx) in ppb

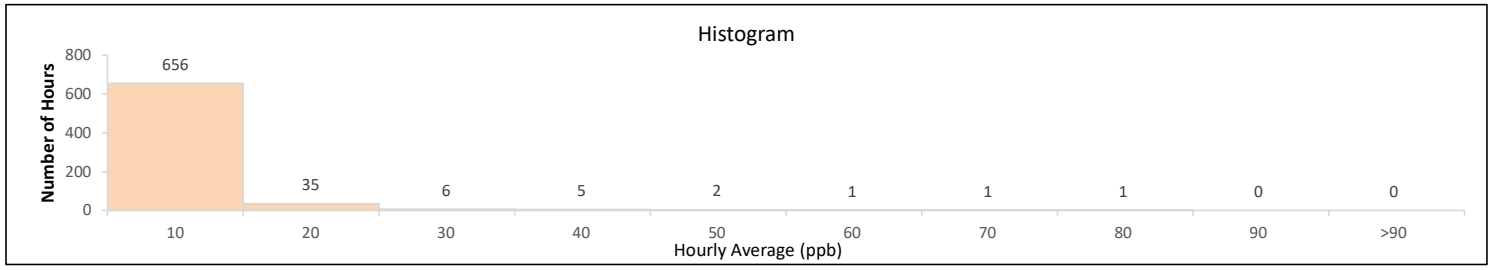
Maximum Hourly Value:	78	ppb	on Oct 24 at hr 6	Hours in Service:	744	
Maximum Daily Value:	15.4	ppb	on Oct 24	Hours of Data:	707	
Minimum Hourly Value:	0	ppb	on Oct 4 at hr 2	Hours of Missing Data:	0	
Minimum Daily Value:	1.0	ppb	on Oct 11	Hours of Calibration:	37	
Monthly Average:	4.5	ppb		Operational 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			
Oct 1	7	4	3	4	4	4	6	9	13	5	3	4	2	2	3	5	S	4	3	5	3	8	9	5	2	13	5.0
Oct 2	5	4	5	5	10	5	6	7	3	2	3	4	2	2	3	S	2	2	3	5	6	3	3	2	2	10	4.0
Oct 3	2	2	1	1	1	2	2	5	1	2	2	1	1	1	S	2	2	2	2	1	1	3	3	1	1	5	1.8
Oct 4	1	1	0	1	1	1	1	2	1	1	1	1	1	S	1	1	2	3	6	9	4	2	3	2	**0**	9	2.0
Oct 5	2	2	2	3	3	4	3	3	2	2	2	2	S	3	1	2	2	2	3	4	7	3	2	2	1	7	2.7
Oct 6	2	3	3	3	1	2	2	4	5	3	2	S	2	1	1	1	1	2	4	8	5	6	14	6	1	14	3.5
Oct 7	3	3	5	3	4	7	9	3	C	C	C	C	C	C	2	1	1	3	2	3	1	1	1	1	1	9	2.9
Oct 8	1	1	1	1	1	2	3	3	2	S	3	2	2	2	2	2	1	2	3	4	3	5	3	2	1	5	2.2
Oct 9	2	5	3	3	4	12	11	5	S	4	6	4	3	3	3	2	2	9	12	19	13	17	14	12	2	19	7.3
Oct 10	11	8	9	10	17	30	46	S	9	6	5	5	3	2	2	2	2	3	5	17	8	13	11	2	2	46	9.8
Oct 11	1	1	1	1	1	1	S	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	**1.0**
Oct 12	1	1	1	1	1	S	2	2	2	1	1	1	1	1	1	1	1	1	3	5	10	8	3	4	1	10	2.3
Oct 13	3	3	1	3	S	9	3	3	5	4	4	3	2	2	2	2	3	2	2	2	1	2	3	1	1	9	2.8
Oct 14	3	2	2	S	3	5	36	9	8	5	4	3	3	2	2	2	2	4	10	25	15	12	6	4	2	36	7.3
Oct 15	3	3	S	4	4	5	7	4	5	4	2	2	2	2	2	3	3	6	4	4	4	6	3	2	2	7	3.7
Oct 16	4	S	5	4	10	7	9	8	14	6	4	4	5	7	5	4	4	4	3	3	1	1	1	1	1	14	5.0
Oct 17	S	1	1	1	2	2	3	3	3	3	2	1	2	1	2	1	2	2	2	2	1	2	1	S	1	3	1.8
Oct 18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	5	13	10	10	6	S	3	1	13	3.3
Oct 19	4	3	5	6	2	1	3	4	4	3	3	3	2	2	2	2	2	2	2	1	1	S	1	1	1	6	2.6
Oct 20	1	2	2	1	2	4	8	5	3	2	1	3	2	2	3	3	6	4	2	6	S	2	3	3	1	8	3.0
Oct 21	3	2	2	2	3	8	8	4	3	3	2	2	2	1	2	2	2	2	2	S	3	2	2	2	1	8	2.8
Oct 22	2	3	5	8	17	17	30	33	11	4	2	2	1	1	1	1	1	3	S	2	3	7	10	10	1	33	7.6
Oct 23	5	4	8	3	4	7	3	5	6	4	2	3	2	2	3	2	4	S	3	2	3	5	3	6	2	8	3.9
Oct 24	8	11	13	5	7	11	**78**	52	49	67	17	2	2	3	3	6	S	6	2	2	3	3	3	2	2	**78**	**15.4**
Oct 25	2	2	2	2	2	3	3	3	4	4	3	1	1	1	1	S	2	3	8	17	15	16	17	9	1	17	5.3
Oct 26	4	6	7	4	3	2	2	1	2	2	2	4	3	2	S	2	2	2	2	2	2	2	1	1	1	7	2.6
Oct 27	1	1	1	1	2	2	2	3	4	4	5	2	2	S	2	3	3	1	2	2	2	2	2	2	1	5	2.2
Oct 28	2	2	2	2	2	3	5	7	10	4	3	3	S	2	4	2	2	3	3	2	3	5	3	3	2	10	3.3
Oct 29	2	2	2	2	5	6	8	6	6	4	3	S	5	2	3	3	4	5	4	4	5	3	4	2	2	8	3.9
Oct 30	4	4	3	3	3	5	5	5	6	4	S	5	3	4	5	5	17	19	37	39	38	27	21	12	3	39	11.9
Oct 31	13	10	9	15	10	6	8	4	3	S	2	4	5	4	4	3	3	9	21	8	7	7	3	2	2	21	7.0
Diurnal Maximum	13	11	13	15	17	30	78	52	49	67	17	5	5	7	5	6	17	19	37	39	38	27	21	12			
Diurnal Average	3.4	3.2	3.5	3.4	4.3	5.8	10.5	6.8	6.4	5.6	3.2	2.6	2.3	2.1	2.4	2.3	2.8	3.9	5.6	7.1	6.0	6.0	5.1	3.5			

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.



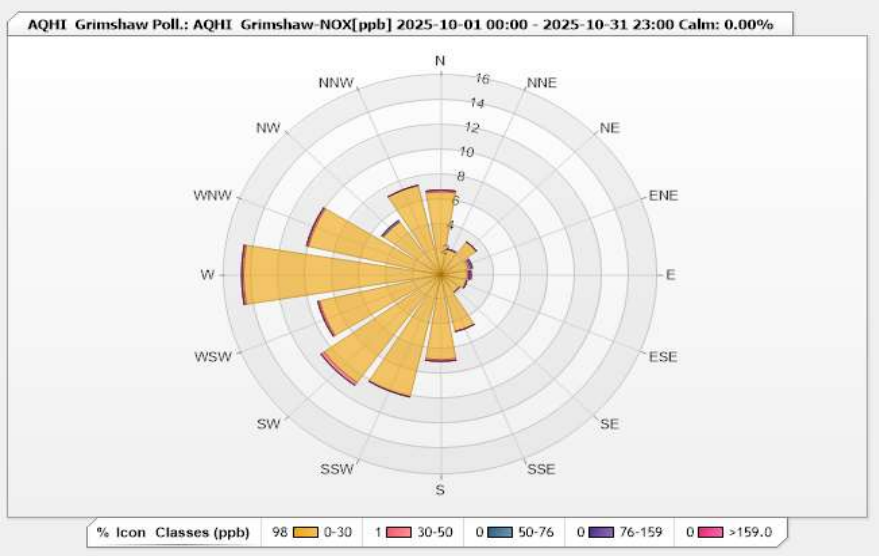


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NOX[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.03% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	6.65	0.14	0	0	0	6.79
NNE	2.12	0	0	0	0	2.12
NE	3.25	0	0	0	0	3.25
ENE	2.12	0.14	0.14	0	0	2.4
E	1.98	0.14	0	0.14	0	2.26
ESE	1.98	0	0	0	0	1.98
SE	1.7	0	0	0	0	1.7
SSE	4.67	0	0	0	0	4.67
S	6.79	0.14	0	0	0	6.93
SSW	10.04	0	0	0	0	10.04
SW	10.61	0.28	0	0	0	10.89
WSW	9.19	0.14	0	0	0	9.33
W	14.57	0.14	0	0	0	14.71
WNW	10.04	0.14	0	0	0	10.18
NW	5.23	0	0.14	0	0	5.37
NNW	7.36	0	0	0	0	7.36
Summary	98.3	1.26	0.28	0.14	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

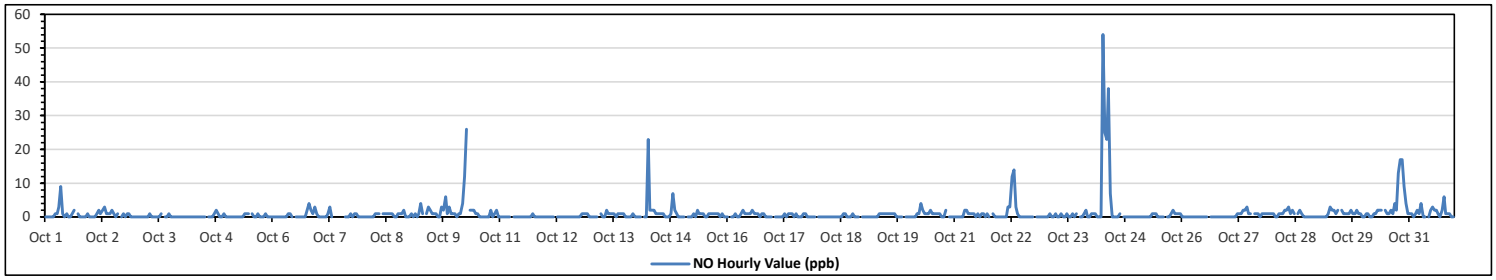
NITRIC OXIDE (NO) in ppb

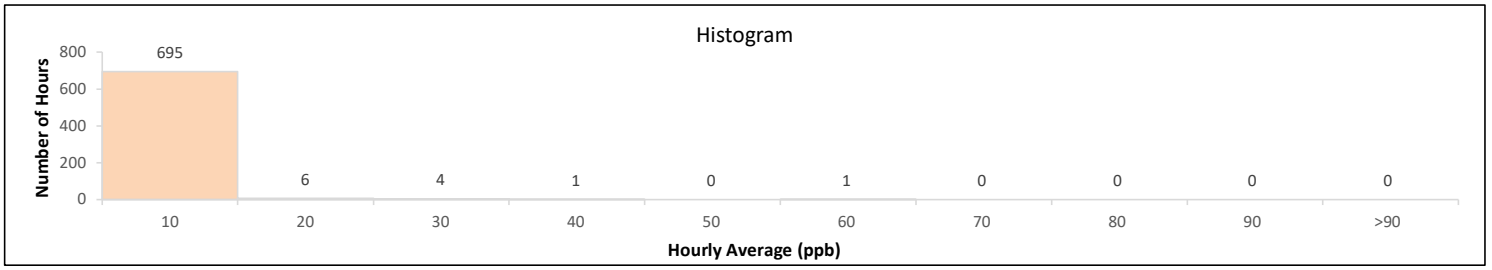
Maximum Hourly Value:	54	ppb	on Oct 24 at hr 6	Hours in Service:	744	
Maximum Daily Value:	6.6	ppb	on Oct 24	Hours of Data:	707	
Minimum Hourly Value:	0	ppb	on Oct 1 at hr 0	Hours of Missing Data:	0	
Minimum Daily Value:	0.0	ppb	on Oct 26	Hours of Calibration:	37	
Monthly Average:	1.0	ppb		Operational 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			
Oct 1	0	0	0	0	0	1	1	3	9	1	0	1	0	0	1	2	S	1	0	0	0	0	1	0	0	9	0.9
Oct 2	0	0	0	1	2	1	2	3	1	1	1	2	1	0	1	S	0	1	0	1	1	0	0	0	0	3	0.8
Oct 3	0	0	0	0	0	0	0	1	0	0	0	0	0	1	S	0	0	1	0	0	0	0	0	0	0	1	0.1
Oct 4	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	1	2	1	0	0	1	0	0	2	0.2
Oct 5	0	0	0	0	0	0	0	0	0	1	1	1	S	1	0	0	1	0	0	0	1	0	0	0	0	1	0.3
Oct 6	0	0	0	0	0	0	0	0	1	1	0	S	0	0	0	0	0	0	2	4	2	1	3	1	0	4	0.7
Oct 7	0	0	0	0	0	1	3	0	C	C	C	C	C	C	0	0	0	1	0	1	1	0	0	0	0	3	0.4
Oct 8	0	0	0	0	0	0	1	1	1	S	1	1	1	1	1	1	0	0	1	1	1	2	0	0	0	2	0.6
Oct 9	0	1	0	1	0	1	4	1	S	1	3	2	1	1	1	0	0	3	2	6	1	3	1	1	0	6	1.5
Oct 10	1	0	1	1	4	12	26	S	2	2	2	1	1	0	0	0	0	0	0	2	0	1	2	0	0	26	2.5
Oct 11	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.0
Oct 12	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0.2
Oct 13	0	0	0	0	S	1	0	0	2	1	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	2	0.5
Oct 14	0	0	0	S	0	0	23	2	2	2	1	1	1	1	1	0	0	0	1	7	2	1	0	0	0	23	2.0
Oct 15	0	0	S	0	0	0	1	0	2	1	1	1	0	0	1	1	1	1	1	1	0	1	0	0	0	2	0.6
Oct 16	0	S	0	0	1	0	0	1	2	1	1	1	1	2	1	1	1	0	1	1	0	0	0	0	0	2	0.7
Oct 17	S	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	1	1	0	0	0	0	0	S	0	1	0.3
Oct 18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	S	0	0	1	0.1
Oct 19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	S	0	0	0	1	0.4
Oct 20	0	0	0	0	1	1	4	2	1	1	1	2	1	1	1	1	1	0	0	2	S	0	0	0	0	4	0.9
Oct 21	0	0	0	0	0	2	2	1	1	1	1	0	1	0	1	1	0	1	0	S	1	0	0	0	0	2	0.6
Oct 22	0	0	0	0	3	3	12	14	3	1	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	14	1.6
Oct 23	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	1	S	0	0	1	2	0	0	0	2	0.4
Oct 24	1	1	1	0	0	0	54	25	23	38	7	0	0	0	0	1	S	0	0	0	0	0	0	0	0	54	6.6
Oct 25	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	S	0	0	0	1	2	1	1	1	0	2	0.4
Oct 26	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
Oct 27	0	0	0	0	0	1	1	1	2	2	3	1	1	S	1	1	1	0	1	1	1	1	1	1	0	3	0.9
Oct 28	1	0	0	1	1	1	2	2	3	1	2	1	S	1	2	1	0	0	0	0	0	0	0	0	0	3	0.8
Oct 29	0	0	0	0	0	1	3	2	2	1	2	S	2	1	1	1	1	2	1	1	2	1	1	0	0	3	1.1
Oct 30	0	1	1	0	0	1	1	2	2	2	S	2	1	1	2	1	4	2	13	17	17	9	4	1	0	17	3.7
Oct 31	1	1	0	1	2	1	4	0	0	S	0	2	3	2	2	1	0	2	6	1	1	1	0	0	0	6	1.3
Diurnal Maximum	1	1	1	1	4	12	54	25	23	38	7	2	3	2	2	2	4	3	13	17	17	9	4	1			
Diurnal Average	0.1	0.1	0.1	0.2	0.5	1.0	4.8	2.0	2.2	2.2	1.1	0.8	0.6	0.5	0.7	0.5	0.5	0.6	1.1	1.7	1.1	0.8	0.6	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	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.



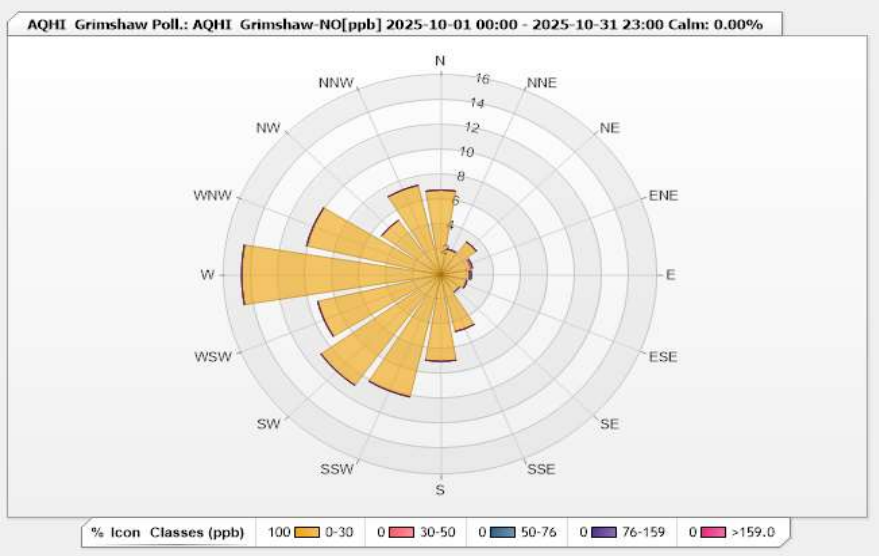


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.03% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	6.79	0	0	0	0	6.79
NNE	2.12	0	0	0	0	2.12
NE	3.25	0	0	0	0	3.25
ENE	2.26	0.14	0	0	0	2.4
E	2.12	0	0.14	0	0	2.26
ESE	1.98	0	0	0	0	1.98
SE	1.7	0	0	0	0	1.7
SSE	4.67	0	0	0	0	4.67
S	6.93	0	0	0	0	6.93
SSW	10.04	0	0	0	0	10.04
SW	10.89	0	0	0	0	10.89
WSW	9.34	0	0	0	0	9.34
W	14.71	0	0	0	0	14.71
WNW	10.18	0	0	0	0	10.18
NW	5.37	0	0	0	0	5.37
NNW	7.36	0	0	0	0	7.36
Summary	100	0.14	0.14	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

NITROGEN DIOXIDE (NO_2) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 159 ppb

Number of 1-Hour Exceedances: 0

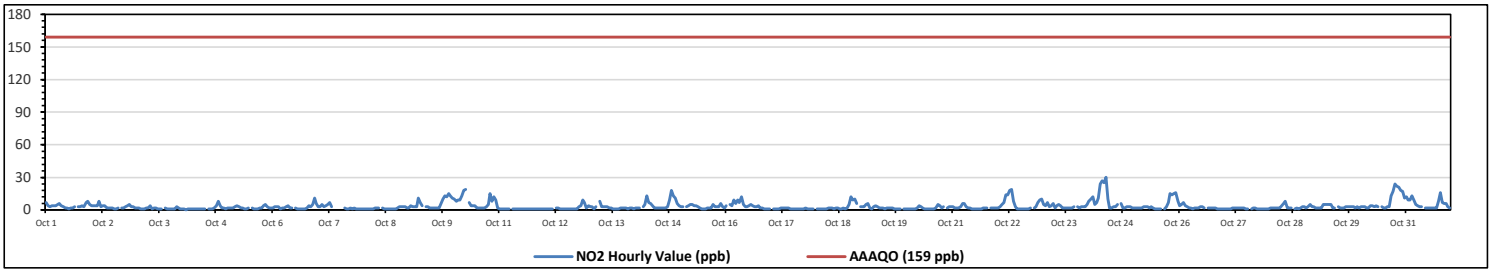
Maximum Hourly Value:	30	ppb	on Oct 24 at hr 9	Hours in Service:	744
Maximum Daily Value:	8.9	ppb	on Oct 24	Hours of Data:	707
Minimum Hourly Value:	0	ppb	on Oct 4 at hr 2	Hours of Missing Data:	0
Minimum Daily Value:	1.0	ppb	on Oct 11	Hours of Calibration:	37
Monthly Average:	3.5	ppb		Operational Uptime:	100.0

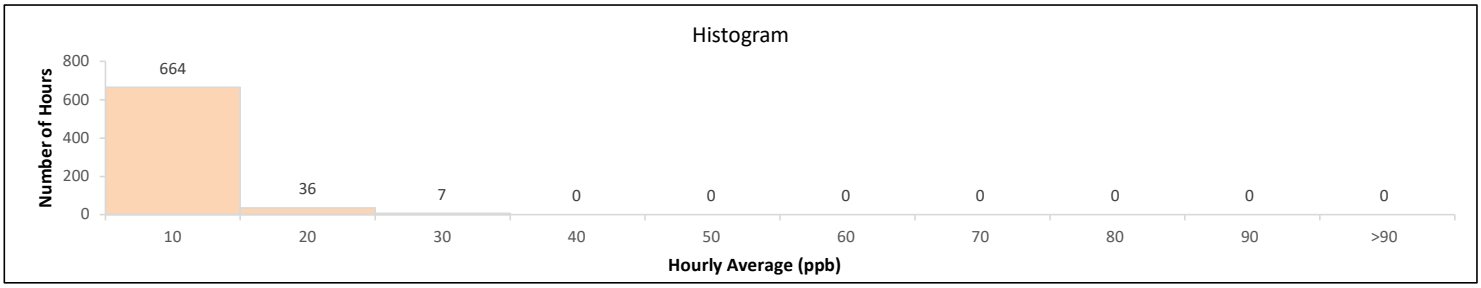
Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Oct 1	7	4	3	4	4	4	5	6	4	3	2	2	1	2	2	3	S	3	3	4	3	7	8	5	1	8	3.9
Oct 2	4	4	4	4	8	3	4	4	2	2	2	2	1	1	2	S	2	2	3	4	5	3	3	2	1	8	3.1
Oct 3	2	2	1	1	1	2	2	4	1	2	2	1	1	1	S	2	1	1	1	1	1	3	2	1	1	4	1.6
Oct 4	1	1	0	1	1	1	1	1	1	1	1	1	1	S	1	1	1	2	4	8	4	2	2	1	**0**	8	1.7
Oct 5	2	2	2	2	3	4	3	2	2	1	1	2	S	2	1	1	1	2	2	4	5	3	2	2	1	5	2.2
Oct 6	2	3	3	3	1	2	2	3	4	2	2	S	2	1	1	1	1	1	2	4	3	5	11	6	1	11	2.8
Oct 7	3	3	5	3	4	5	7	3	C	C	C	C	C	C	2	1	1	2	1	2	1	1	1	1	1	7	2.6
Oct 8	1	1	1	1	1	1	2	2	2	S	2	1	1	1	1	1	1	1	2	3	3	3	3	2	1	3	1.6
Oct 9	2	4	3	3	3	11	7	4	S	3	3	2	2	2	2	2	2	6	10	13	12	15	13	11	2	15	5.9
Oct 10	10	8	9	9	13	18	19	S	7	4	4	4	2	2	2	2	2	3	5	15	8	12	9	2	2	19	7.3
Oct 11	1	1	1	1	1	1	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**1.0**
Oct 12	1	1	1	1	1	S	2	2	1	1	1	1	1	1	1	1	1	1	3	4	9	7	2	4	1	9	2.1
Oct 13	3	3	1	3	S	8	3	3	3	3	2	2	1	1	1	1	2	2	2	2	1	2	2	1	1	8	2.3
Oct 14	2	2	2	S	3	5	13	7	6	4	2	2	2	2	2	2	2	3	9	18	13	11	6	4	2	18	5.3
Oct 15	3	3	S	3	4	5	5	4	4	3	2	1	1	1	2	2	2	5	3	3	3	6	3	2	1	6	3.0
Oct 16	4	S	5	4	9	6	9	7	12	5	3	3	4	5	4	3	3	4	2	2	1	1	1	1	1	12	4.3
Oct 17	S	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	S	1	2	1.3
Oct 18	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	2	5	12	9	10	6	S	3	1	12	3.0
Oct 19	3	3	5	6	2	1	3	4	3	2	2	2	1	2	2	2	2	1	1	1	1	S	1	1	1	6	2.2
Oct 20	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	2	5	4	2	3	S	2	3	3	1	5	2.0
Oct 21	3	2	2	2	3	6	6	3	2	2	1	1	1	1	1	1	2	2	2	S	2	2	2	2	1	6	2.2
Oct 22	2	3	5	7	14	14	18	19	8	3	1	1	1	1	1	1	1	2	S	2	3	7	9	10	1	19	5.8
Oct 23	5	4	7	3	4	6	2	4	5	4	2	2	2	2	2	2	3	S	3	2	3	3	3	5	2	7	3.4
Oct 24	8	10	12	5	7	11	24	27	25	**30**	10	2	2	3	3	5	S	6	2	2	3	3	3	2	2	**30**	**8.9**
Oct 25	2	2	2	2	2	3	3	3	2	3	2	1	1	1	1	S	1	3	7	15	14	15	16	8	1	16	4.7
Oct 26	4	5	7	4	3	2	2	1	2	2	2	3	3	2	S	2	2	2	2	2	1	1	1	1	1	7	2.4
Oct 27	1	1	1	1	2	2	2	2	2	2	2	1	1	S	1	2	2	1	1	1	1	1	1	1	1	2	1.4
Oct 28	2	2	2	2	2	2	4	6	8	2	2	2	S	1	2	1	2	3	3	2	3	5	3	3	1	8	2.8
Oct 29	2	2	2	2	5	5	5	5	5	2	2	S	3	2	2	2	3	3	3	3	3	2	3	2	2	5	3.0
Oct 30	3	3	3	2	2	4	4	3	4	3	S	3	2	2	3	3	13	17	24	22	21	18	17	11	2	24	8.1
Oct 31	12	9	9	13	9	5	4	3	3	S	2	2	2	2	2	2	2	8	16	7	6	6	3	2	2	16	5.6
Diurnal Maximum	12	10	12	13	14	18	24	27	25	30	10	4	4	5	4	5	13	17	24	22	21	18	17	11			
Diurnal Average	3.2	3.0	3.4	3.2	3.8	4.7	5.6	4.7	4.3	3.4	2.1	1.8	1.5	1.6	1.7	1.8	2.2	3.2	4.4	5.3	4.8	5.1	4.5	3.3			

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.



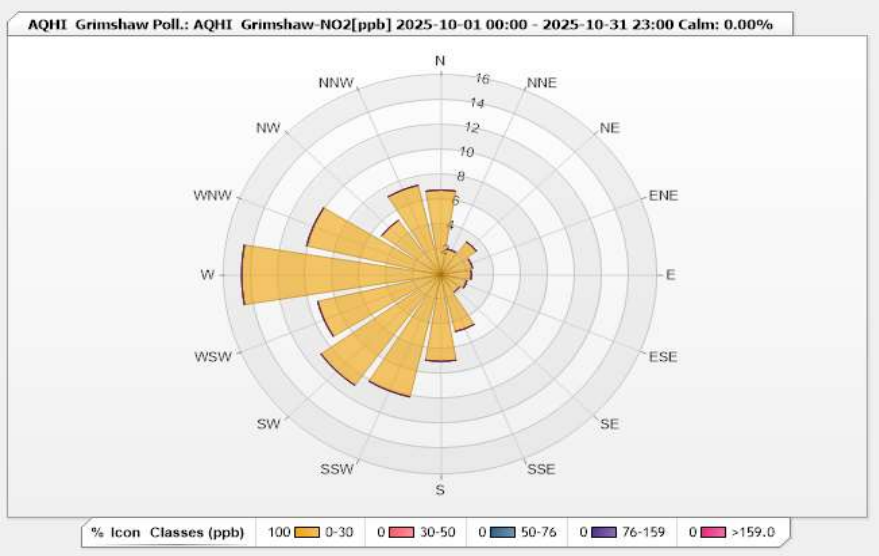


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO2[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.03% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	6.79	0	0	0	0	6.79
NNE	2.12	0	0	0	0	2.12
NE	3.25	0	0	0	0	3.25
ENE	2.4	0	0	0	0	2.4
E	2.26	0	0	0	0	2.26
ESE	1.98	0	0	0	0	1.98
SE	1.7	0	0	0	0	1.7
SSE	4.67	0	0	0	0	4.67
S	6.93	0	0	0	0	6.93
SSW	10.04	0	0	0	0	10.04
SW	10.89	0	0	0	0	10.89
WSW	9.34	0	0	0	0	9.34
W	14.71	0	0	0	0	14.71
WNW	10.18	0	0	0	0	10.18
NW	5.37	0	0	0	0	5.37
NNW	7.36	0	0	0	0	7.36
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

OZONE (O_3) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 76 ppb

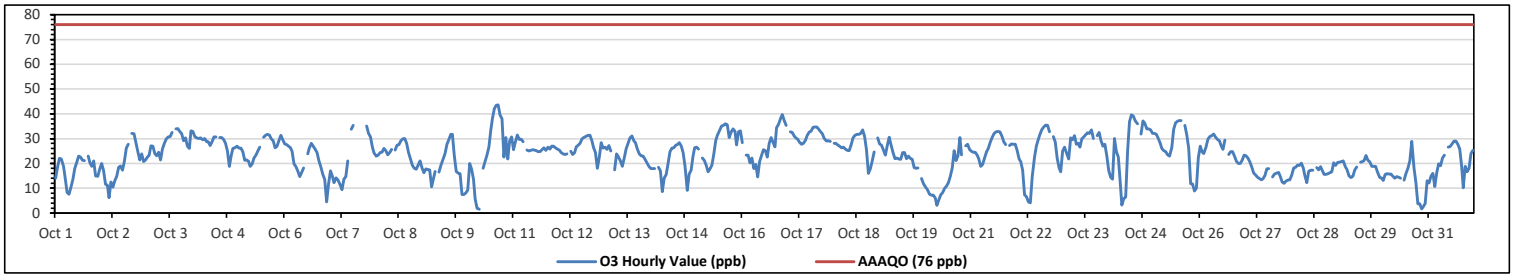
Number of 1-Hour Exceedances: 0

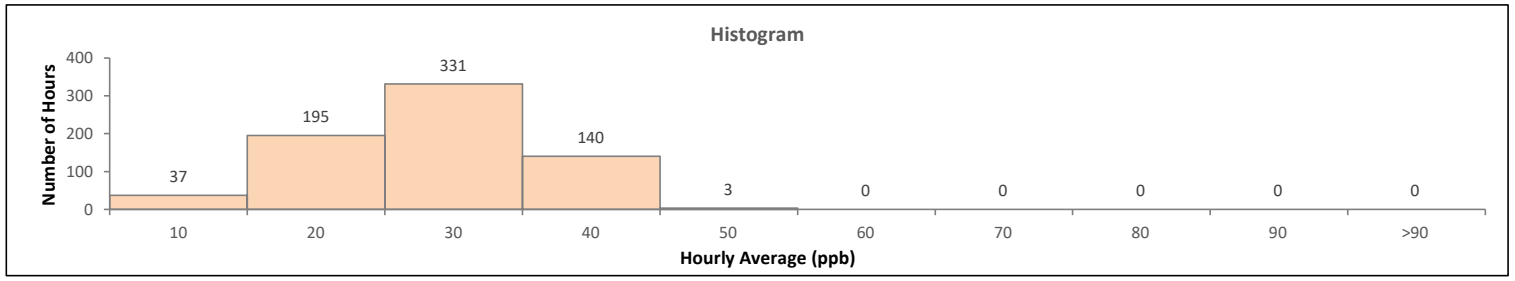
Maximum Hourly Value:	43.6	ppb	on Oct 10 at hr 16	Hours in Service:	744
Maximum Daily Value:	31.2	ppb	on Oct 17	Hours of Data:	706
Minimum Hourly Value:	1.5	ppb	on Oct 10 at hr 6	Hours of Missing Data:	0
Minimum Daily Value:	13.2	ppb	on Oct 30	Hours of Calibration:	38
Monthly Average:	23.3	ppb		Operational 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			
Oct 1	14.1	18.4	22	21.8	18.7	13.1	8.3	7.6	10.5	13.5	18	20.3	22.9	22.5	21.3	21.2	S	22.9	20.4	18.8	21	15	14.8	17.8	7.6	22.9	17.6
Oct 2	19.9	17.1	11.6	11.1	6.2	12.5	10.5	13	14.9	18.4	19	17.3	20.9	26.2	27.7	S	32.1	32	28.4	24.7	21.4	23.8	20.8	21.5	6.2	32.1	19.6
Oct 3	22.5	23.2	27.1	27	23.9	23.1	24.5	21.5	25.9	28.1	30	30.7	30.8	32.5	S	33.9	34.1	32.9	32	29.2	30.3	26.9	26	33.1	21.5	34.1	28.2
Oct 4	32.9	30.8	30.2	30.1	30.2	29.6	30.1	28.7	28.7	27.2	28.7	30.7	30.7	S	30.4	30.4	29.7	28.1	25	18.9	23.3	26	26.3	27	18.9	32.9	28.4
Oct 5	26.1	26.1	24.8	21.3	21.5	20.9	18.9	19.7	22.2	23.4	25	26.6	S	30.5	31.4	31.7	31.5	29.9	29.2	26.3	26.9	29.3	31.3	29.5	18.9	31.7	26.3
Oct 6	27.9	27.6	27	26.3	24.9	19.8	18.7	16.9	14.7	16.4	18.1	S	23.8	26.3	28	26.9	25.8	24.3	21.1	18.6	15.6	13.5	4.5	11.7	4.5	28.0	20.8
Oct 7	17.1	14.9	12.2	14.2	13.3	11.5	9.4	13.6	14.7	21.1	S	33.8	35.3	C	C	C	C	C	C	35	32.1	30.7	26.6	24.2	9.4	35.3	NA
Oct 8	22.9	23.4	24.3	24.5	26	25.2	23.5	24.4	25.7	S	25.4	27.3	27.6	29.1	29.9	30.1	28	24.4	21.8	19.3	18	17.6	19.4	21.1	17.6	30.1	24.3
Oct 9	18.2	16.3	17.7	17.5	17.4	10.6	13.4	16.8	S	16.5	19.3	21.5	23.9	27.8	29.7	31.7	31.8	23.1	16.8	16.1	15.8	7.5	7.4	8.1	7.4	31.8	18.5
Oct 10	9.2	19.9	17.6	13.5	5.8	1.9	1.5	S	18	20.8	23.4	26.5	33.4	38.1	42	43.5	**43.6**	39.5	38.1	22.6	30.4	21.7	29.2	30.7	**1.5**	**43.6**	24.8
Oct 11	25.6	28.7	31.5	29.7	29.8	28.7	S	25.4	25	25.3	25.5	25.4	25.2	24.8	24.7	25.6	26.3	25.3	26.5	25.8	27	27	26.3	25.8	24.7	31.5	26.6
Oct 12	25.4	24.4	23.8	23.7	23.8	S	24.9	23.6	24.3	26.7	27.3	28.1	29.9	30.6	31	31.3	31.4	29.1	26.4	24.4	18	22.4	28.3	26.1	18.0	31.4	26.3
Oct 13	26.5	25.7	27.2	25	S	17.4	23.8	22.6	21	18.8	22.2	25.9	28	30.2	31.1	29.2	28.4	25.8	23.8	23.1	23	21.6	20.2	18.8	17.4	31.1	24.3
Oct 14	17.9	17.9	17.9	S	18.4	17.1	8.6	14.2	15.4	20	24.7	26.2	26.3	27.4	27.6	28.4	27.1	24.4	18.8	9.1	15.7	17.3	22.9	26.3	8.6	28.4	20.4
Oct 15	26.5	25.8	S	22.2	21.3	19.4	16.7	17.8	19.4	23.8	29.3	31.4	33	35.1	35.4	36	35.6	30.4	32.6	34	33	27.5	32.7	33.2	16.7	36.0	28.4
Oct 16	28.4	S	23.3	23.4	20.2	22.2	17.9	19.6	14.6	20.8	23.2	25.6	25.2	22.6	28	30.4	28.5	26.7	34.4	35.7	37.9	39.7	37.3	35.4	14.6	39.7	27.0
Oct 17	S	32.7	32.5	31.1	30.2	29.8	28.5	27.8	28.1	29.3	31.3	32.6	33	34.5	34.6	34.7	33.9	32.9	32	30.1	29	29.2	28.9	S	27.8	34.7	**31.2**
Oct 18	28.1	28.1	27.5	26.9	26.3	26.6	25.8	25.3	25.1	27.5	30.3	31.3	31.8	31.8	32.2	33.5	30.9	25.6	16	17.7	21	24.6	S	30.2	16.0	33.5	27.1
Oct 19	27.9	27.3	25.4	23.3	27.2	30.5	27.3	24.4	21.9	22.2	21.8	21.6	24.3	24.3	21.9	22.9	22	21.6	18.3	18	18.1	S	13.9	11.8	11.8	30.5	22.5
Oct 20	10.6	9.5	7.6	7.2	7.2	6	3.1	5.2	7.3	8.3	9.9	10.9	12.2	14.9	18.1	25.2	21.2	23.1	30.4	23.5	S	27.1	27.7	25.7	3.1	30.4	14.9
Oct 21	24.9	24.5	24.5	23.3	21.8	18.8	19.6	22.2	24.6	26.2	28.6	30.6	32.2	32.7	32.8	32.7	31.1	28.7	27.6	S	27.2	27.9	27.8	27.8	18.8	32.8	26.9
Oct 22	25.1	21.7	20.8	17.3	7.3	6.6	4.5	4.1	14.7	22.4	27.1	29.3	31.7	33.7	34.7	35.5	35.3	32.7	S	30.8	28.6	22	18.1	16.6	4.1	35.5	22.6
Oct 23	25	26.5	24.2	21.8	30.2	29.6	31.2	27.8	28.1	26.6	30	30.7	31.6	32.3	32.2	33.6	30.1	S	31.2	32.5	29.2	26.9	27.8	23.1	21.8	33.6	28.8
Oct 24	17.2	14.5	13.6	30.1	24.7	22.5	14	3.2	5.8	6.5	25	36.8	39.6	39.1	37.1	36	S	31.9	37.1	36.2	34	34	33.5	32.1	3.2	39.6	26.3
Oct 25	32.1	31.7	30.1	28.1	26	25.2	24.7	23.5	22.9	26.3	33.8	36.4	37	37.2	37.2	S	35.4	31.5	26	11.8	11.7	8.8	10.1	22.3	8.8	37.2	26.5
Oct 26	27	24.6	24	26.5	29.8	30.8	31.2	31.9	30.6	29.7	29.1	27.2	25.7	29.4	S	23.7	24.7	24.8	22.9	20.9	20	19.9	21.3	23.3	19.9	31.9	26.0
Oct 27	23.1	22.1	20.6	18.6	16.1	15.3	14.4	13.9	13.4	13.8	15.1	17.8	17.9	S	14.6	15.7	16.1	16.4	14.9	12.5	12	12.9	13.2	13.3	12.0	23.1	15.8
Oct 28	15.3	18.2	18.4	19.4	19.3	20.1	18.2	15.1	12.2	16.9	17.3	17.3	S	18.3	17.4	18.7	17.3	15.6	15.5	15.8	16.2	16.7	20.2	19.2	12.2	20.2	17.3
Oct 29	20.3	20.5	20.7	21.1	18.9	17.4	15	14.3	14.9	17.4	18.6	S	20.5	20.8	21.2	23.2	21.3	20.6	18.8	18.8	18.8	16.5	14.3	14.2	14.2	23.2	18.6
Oct 30	13.1	15.5	15.8	15.7	15.7	14.9	14	14.7	14.5	14.1	S	13.2	15.9	18	21	28.9	18.2	12.3	3.7	3.7	1.7	2.5	3.9	13	1.7	28.9	**13.2**
Oct 31	12.1	14.9	16	10.7	16.3	19.8	19.1	22.1	23.4	S	26.5	26.8	27.9	29	29	27.8	25.8	18.7	10.2	18.8	16.7	18	23.9	25.3	10.2	29.0	20.8
Diurnal Maximum	32.9	32.7	32.5	31.1	30.2	30.8	31.2	31.9	30.6	29.7	33.8	36.8	39.6	39.1	42.0	43.5	43.6	39.5	38.1	36.2	37.9	39.7	37.3	35.4			
Diurnal Average	22.1	22.4	22.0	21.7	20.6	19.6	18.0	18.7	19.4	21.0	24.3	26.2	27.5	28.6	28.7	29.4	28.5	26.0	24.1	22.4	22.5	21.8	22.0	22.9			

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.



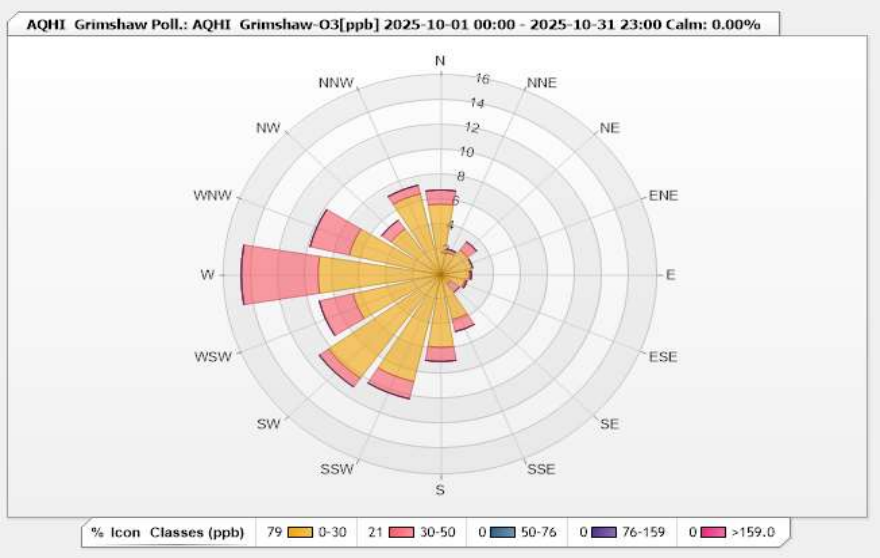


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-O3[ppb] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 94.89% Calm Avg: 0.00 [ppb]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	5.67	1.13	0	0	0	6.8
NNE	1.84	0.28	0	0	0	2.12
NE	2.41	0.85	0	0	0	3.26
ENE	2.41	0	0	0	0	2.41
E	2.12	0.14	0	0	0	2.26
ESE	1.84	0.14	0	0	0	1.98
SE	0.85	0.85	0	0	0	1.7
SSE	3.68	0.99	0	0	0	4.67
S	5.81	1.13	0	0	0	6.94
SSW	8.78	1.42	0	0	0	10.2
SW	10.2	0.85	0	0	0	11.05
WSW	6.66	2.55	0	0	0	9.21
W	9.07	5.67	0	0	0	14.74
WNW	6.94	2.97	0	0	0	9.91
NW	4.53	0.85	0	0	0	5.38
NNW	6.66	0.71	0	0	0	7.37
Summary	79.47	20.53	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

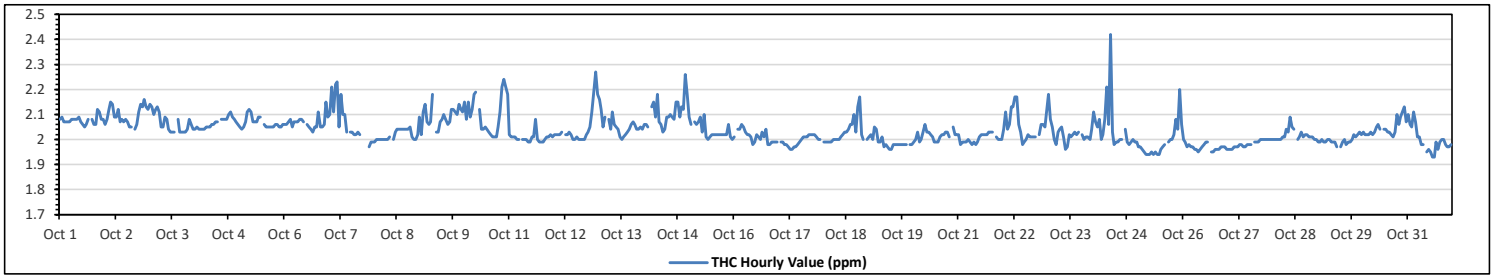
TOTAL HYDROCARBONS (THC) in ppm

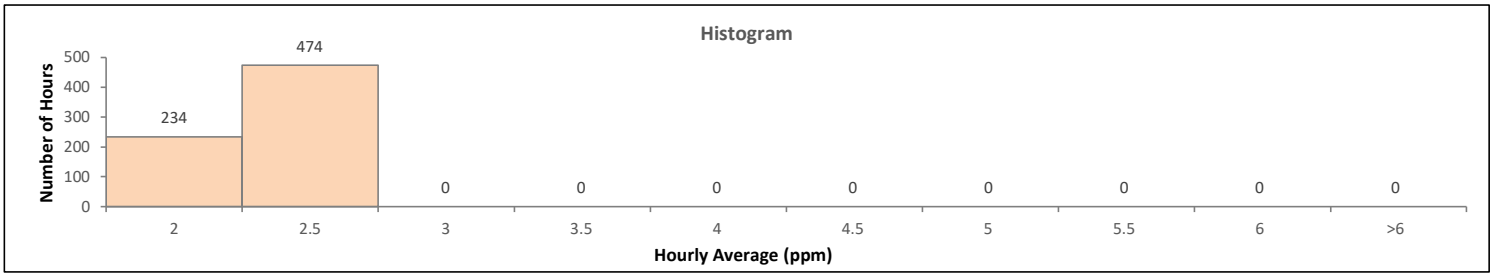
Maximum Hourly Value:	2.42	ppm	on Oct 24 at hr 9	Hours in Service:	744
Maximum Daily Value:	2.11	ppm	on Oct 14	Hours of Data:	708
Minimum Hourly Value:	1.93	ppm	on Oct 31 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	1.97	ppm	on Oct 26	Hours of Calibration:	36
Monthly Average:	2.04	ppm		Operational 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			
Oct 1	2.08	2.09	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.09	2.07	2.06	2.05	2.06	2.08	S	2.08	2.06	2.06	2.12	2.11	2.08	2.08	2.05	2.12	2.08
Oct 2	2.06	2.08	2.12	2.15	2.14	2.09	2.09	2.12	2.07	2.08	2.07	2.08	2.07	2.05	2.05	S	2.04	2.06	2.11	2.14	2.13	2.16	2.13	2.12	2.04	2.16	2.10
Oct 3	2.14	2.13	2.10	2.12	2.13	2.11	2.05	2.05	2.09	2.08	2.04	2.03	2.03	2.03	S	2.08	2.03	2.03	2.03	2.03	2.04	2.08	2.06	2.04	2.03	2.14	2.07
Oct 4	2.04	2.05	2.04	2.04	2.04	2.04	2.05	2.05	2.05	2.06	2.06	2.07	2.07	S	2.08	2.08	2.08	2.08	2.10	2.11	2.09	2.08	2.07	2.06	2.04	2.11	2.06
Oct 5	2.05	2.04	2.05	2.07	2.11	2.12	2.11	2.07	2.07	2.07	2.09	2.09	S	2.06	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.05	2.05	2.06	2.04	2.12	2.07
Oct 6	2.06	2.06	2.07	2.08	2.05	2.07	2.07	2.07	2.08	2.08	2.07	S	2.06	2.05	2.04	2.03	2.05	2.05	2.11	2.05	2.05	2.06	2.15	2.09	2.03	2.15	2.07
Oct 7	2.10	2.21	2.11	2.22	2.23	2.05	2.18	2.10	2.10	2.03	S	2.03	2.03	2.02	2.02	2.03	2.02	C	C	C	C	1.97	1.99	1.99	1.97	2.23	2.08
Oct 8	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	S	2.00	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.01	2.00	2.00	2.02	1.99	2.05	2.02
Oct 9	2.09	2.02	2.11	2.14	2.07	2.06	2.07	2.18	S	2.03	2.03	2.07	2.08	2.10	2.08	2.06	2.07	2.12	2.12	2.11	2.10	2.14	2.12	2.11	2.02	2.18	2.09
Oct 10	2.15	2.08	2.15	2.09	2.12	2.18	2.19	S	2.12	2.04	2.04	2.05	2.04	2.03	2.02	2.01	2.01	2.01	2.05	2.11	2.21	2.24	2.21	2.18	2.01	2.24	2.10
Oct 11	2.02	2.01	2.01	2.01	2.00	2.00	S	2.00	2.00	2.00	1.99	1.99	2.01	2.01	2.08	2.00	1.99	1.99	1.99	2.00	2.01	2.01	2.02	2.01	1.99	2.08	2.01
Oct 12	2.02	2.02	2.02	2.02	2.03	S	2.02	2.02	2.03	2.02	2.00	2.00	2.01	2.00	2.00	2.00	2.00	2.02	2.03	2.05	2.11	2.19	2.27	2.18	2.00	2.27	2.05
Oct 13	2.16	2.12	2.05	2.09	S	2.08	2.04	2.11	2.06	2.05	2.04	2.01	2.00	2.01	2.02	2.03	2.04	2.06	2.07	2.06	2.04	2.04	2.05	2.04	2.00	2.16	2.06
Oct 14	2.06	2.06	2.05	S	2.13	2.15	2.09	2.18	2.07	2.06	2.03	2.04	2.09	2.09	2.10	2.09	2.08	2.15	2.15	2.09	2.13	2.12	2.26	2.18	2.03	2.26	**2.11**
Oct 15	2.09	2.06	S	2.07	2.06	2.07	2.09	2.03	2.10	2.01	2.00	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.06	2.01	2.00	2.00	2.10	2.04
Oct 16	2.01	S	2.04	2.04	2.06	2.05	2.03	2.02	2.02	2.01	1.98	1.99	2.02	2.01	2.00	2.03	2.01	2.04	1.98	1.98	1.99	1.99	1.99	1.99	1.98	2.06	2.01
Oct 17	S	1.99	1.99	1.98	1.98	1.97	1.96	1.96	1.97	1.97	1.98	1.99	2.00	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.00	2.00	S	1.96	2.02	1.99
Oct 18	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.01	2.02	2.03	2.03	2.04	2.06	2.06	2.10	2.03	2.13	2.17	2.02	2.00	S	2.00	1.99	2.17	2.03
Oct 19	2.01	2.02	2.00	2.05	2.04	1.99	1.99	2.01	1.97	1.98	1.97	1.96	1.96	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	S	1.98	1.98	1.96	2.05	1.99
Oct 20	1.99	2.00	2.03	1.99	2.00	2.03	2.06	2.03	2.03	2.02	2.01	1.99	1.99	1.99	2.01	2.02	2.02	2.03	2.03	2.01	S	2.05	2.02	2.02	1.99	2.06	2.02
Oct 21	2.02	1.98	1.99	1.99	1.99	2.00	1.99	1.98	1.99	1.98	1.99	2.01	2.02	2.02	2.02	2.02	2.03	2.03	2.03	S	2.01	2.00	2.00	2.00	1.98	2.03	2.00
Oct 22	2.04	2.11	2.04	2.06	2.13	2.13	2.17	2.17	2.06	2.03	1.98	1.99	2.00	2.02	2.01	2.01	2.01	2.01	S	2.02	2.06	2.06	2.05	2.11	1.98	2.17	2.06
Oct 23	2.18	2.08	2.05	2.00	1.98	2.03	2.04	2.05	2.01	1.96	1.97	2.02	2.01	2.02	2.03	2.02	2.03	S	2.02	2.00	2.01	2.01	2.00	2.04	1.96	2.18	2.02
Oct 24	2.11	2.07	2.05	2.08	2.00	2.02	2.08	2.21	2.06	**2.42**	2.03	1.98	1.99	1.99	2.00	2.00	S	2.04	1.99	1.98	1.99	2.00	1.99	1.99	1.98	**2.42**	2.05
Oct 25	1.97	1.97	1.96	1.95	1.94	1.94	1.94	1.95	1.94	1.95	1.94	1.94	1.96	1.97	1.98	S	1.99	2.00	2.00	2.02	2.08	2.04	2.20	2.06	1.94	2.20	1.99
Oct 26	2.00	1.99	1.97	1.98	1.97	1.97	1.96	1.96	1.95	1.96	1.97	1.98	1.99	1.99	S	1.95	1.95	1.96	1.96	1.96	1.97	1.97	1.97	1.96	1.95	2.00	1.97
Oct 27	1.96	1.96	1.96	1.97	1.97	1.97	1.98	1.98	1.97	1.97	1.98	1.98	1.98	S	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.96	2.00	1.98
Oct 28	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.04	2.03	2.09	2.05	2.04	S	2.00	2.01	2.03	2.01	2.02	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.09	2.02
Oct 29	1.99	1.99	2.00	1.99	1.99	2.00	2.00	1.99	1.99	1.99	1.97	S	1.97	1.99	2.00	1.98	1.99	1.99	2.00	2.02	2.01	2.02	2.03	2.02	1.97	2.03	2.00
Oct 30	2.03	2.02	2.02	2.02	2.03	2.02	2.03	2.05	2.06	2.04	S	2.04	2.04	2.03	2.03	2.02	2.01	2.03	2.10	2.06	2.09	2.11	2.13	2.07	2.01	2.13	2.05
Oct 31	2.10	2.06	2.05	2.11	2.07	2.01	2.01	1.98	1.98	S	1.95	1.96	1.95	1.93	1.93	1.99	1.96	1.99	2.00	2.00	1.98	1.97	1.97	1.98	1.93	2.11	2.00
Diurnal Maximum	2.18	2.21	2.15	2.22	2.23	2.18	2.19	2.21	2.12	2.42	2.09	2.09	2.09	2.10	2.10	2.09	2.10	2.15	2.15	2.17	2.21	2.24	2.27	2.18			
Diurnal Average	2.05	2.04	2.04	2.05	2.04	2.04	2.05	2.05	2.03	2.04	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.04	2.04	2.05	2.05	2.06	2.05			

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.



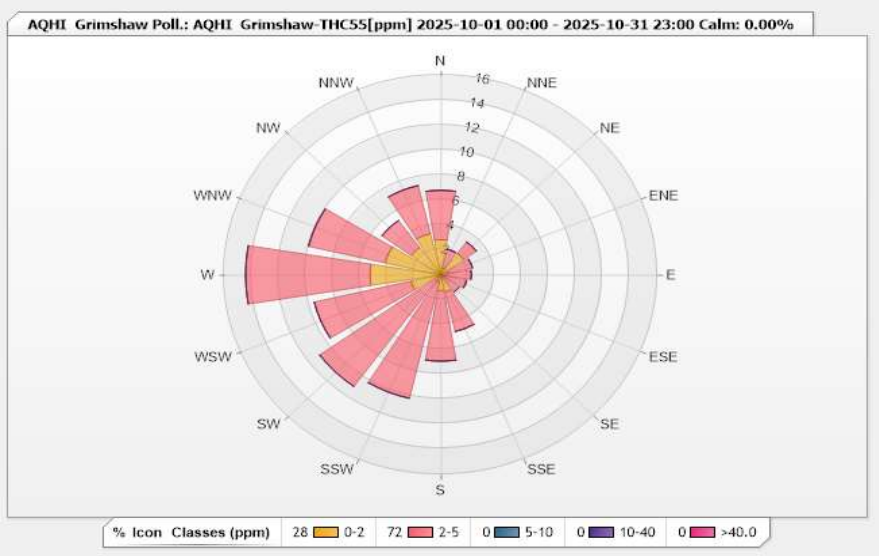


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-THC55[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	2.82	3.95	0	0	0	6.77
NNE	0.56	1.55	0	0	0	2.11
NE	2.12	1.13	0	0	0	3.25
ENE	0.56	1.84	0	0	0	2.4
E	0.14	2.12	0	0	0	2.26
ESE	0.28	1.69	0	0	0	1.97
SE	0.14	1.55	0	0	0	1.69
SSE	1.41	3.25	0	0	0	4.66
S	1.27	5.65	0	0	0	6.92
SSW	0.56	9.6	0	0	0	10.16
SW	0.28	10.73	0	0	0	11.01
WSW	2.26	7.34	0	0	0	9.6
W	5.23	9.18	0	0	0	14.41
WNW	4.24	5.79	0	0	0	10.03
NW	2.68	2.68	0	0	0	5.36
NNW	3.39	3.95	0	0	0	7.34
Summary	27.94	72	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

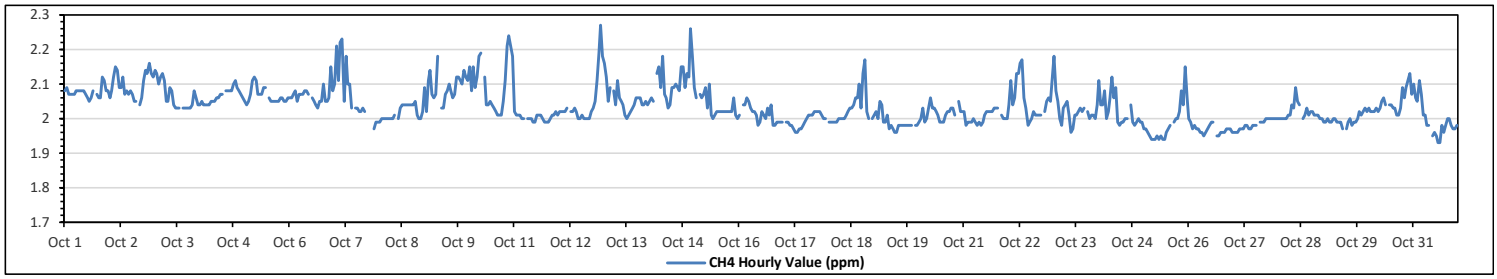
METHANE (CH4) in ppm

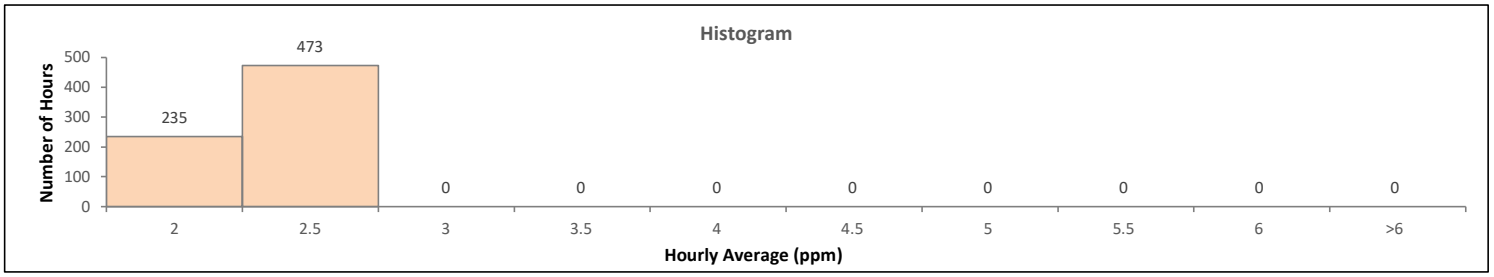
Maximum Hourly Value:	2.27	ppm	on Oct 12 at hr 22	Hours in Service:	744	
Maximum Daily Value:	2.11	ppm	on Oct 14	Hours of Data:	708	
Minimum Hourly Value:	1.93	ppm	on Oct 31 at hr 13	Hours of Missing Data:	0	
Minimum Daily Value:	1.97	ppm	on Oct 26	Hours of Calibration:	36	
Monthly Average:	2.04	ppm		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			
Oct 1	2.08	2.09	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.07	2.06	2.05	2.06	2.08	S	2.07	2.06	2.06	2.12	2.11	2.08	2.08	2.05	2.12	2.08
Oct 2	2.06	2.08	2.12	2.15	2.14	2.09	2.09	2.12	2.07	2.08	2.07	2.08	2.07	2.05	2.05	S	2.04	2.06	2.11	2.14	2.13	2.16	2.13	2.12	2.04	2.16	2.10
Oct 3	2.14	2.13	2.10	2.12	2.13	2.11	2.05	2.05	2.09	2.08	2.04	2.03	2.03	2.03	S	2.03	2.03	2.03	2.03	2.03	2.04	2.08	2.06	2.04	2.03	2.14	2.07
Oct 4	2.04	2.05	2.04	2.04	2.04	2.04	2.05	2.05	2.05	2.06	2.06	2.07	2.07	S	2.08	2.08	2.08	2.08	2.10	2.11	2.09	2.08	2.07	2.06	2.04	2.11	2.06
Oct 5	2.05	2.04	2.05	2.07	2.11	2.12	2.11	2.07	2.07	2.07	2.09	2.09	S	2.06	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.05	2.05	2.06	2.04	2.12	2.07
Oct 6	2.06	2.06	2.07	2.08	2.05	2.07	2.07	2.07	2.08	2.08	2.07	S	2.06	2.05	2.04	2.03	2.05	2.05	2.10	2.05	2.05	2.06	2.15	2.08	2.03	2.15	2.07
Oct 7	2.10	2.21	2.11	2.22	2.23	2.05	2.18	2.10	2.10	2.03	S	2.03	2.03	2.02	2.02	2.03	2.02	C	C	C	C	1.97	1.99	1.99	1.97	2.23	2.08
Oct 8	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.01	S	2.00	2.03	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.01	2.00	2.00	2.02	1.99	2.05	2.02
Oct 9	2.09	2.02	2.11	2.14	2.07	2.06	2.07	2.18	S	2.03	2.03	2.07	2.08	2.10	2.08	2.06	2.07	2.12	2.12	2.11	2.10	2.14	2.12	2.11	2.02	2.18	2.09
Oct 10	2.15	2.08	2.15	2.09	2.12	2.18	2.19	S	2.12	2.04	2.04	2.05	2.04	2.03	2.02	2.01	2.01	2.01	2.05	2.11	2.21	2.24	2.21	2.18	2.01	2.24	2.10
Oct 11	2.02	2.01	2.01	2.01	2.00	2.00	S	2.00	2.00	2.00	1.99	1.99	2.01	2.01	2.01	2.00	1.99	1.99	1.99	2.00	2.01	2.01	2.02	2.01	1.99	2.02	2.00
Oct 12	2.02	2.02	2.02	2.02	2.03	S	2.02	2.02	2.03	2.02	2.00	2.00	2.01	2.00	2.00	2.00	2.00	2.02	2.03	2.05	2.11	2.19	**2.27**	2.18	2.00	**2.27**	2.05
Oct 13	2.16	2.12	2.05	2.09	S	2.08	2.04	2.11	2.06	2.05	2.04	2.01	2.00	2.01	2.02	2.03	2.04	2.06	2.06	2.06	2.04	2.04	2.05	2.04	2.00	2.16	2.05
Oct 14	2.05	2.06	2.05	S	2.13	2.15	2.09	2.18	2.07	2.06	2.03	2.04	2.09	2.09	2.10	2.09	2.08	2.15	2.15	2.09	2.13	2.12	2.26	2.18	2.03	2.26	**2.11**
Oct 15	2.09	2.06	S	2.07	2.06	2.07	2.09	2.03	2.10	2.01	2.00	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.06	2.01	2.00	2.00	2.10	2.04
Oct 16	2.01	S	2.04	2.04	2.06	2.05	2.03	2.02	2.02	2.01	1.98	1.99	2.02	2.01	2.00	2.03	2.01	2.04	1.98	1.98	1.99	1.99	1.99	1.99	1.98	2.06	2.01
Oct 17	S	1.99	1.99	1.98	1.98	1.97	1.96	1.96	1.97	1.97	1.98	1.99	2.00	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.00	2.00	S	1.96	2.02	1.99
Oct 18	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.01	2.02	2.03	2.03	2.04	2.06	2.06	2.10	2.03	2.13	2.17	2.02	2.00	S	2.00	1.99	2.17	2.03
Oct 19	2.01	2.02	2.00	2.05	2.04	1.99	1.99	2.01	1.97	1.98	1.97	1.96	1.96	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	S	1.98	1.98	1.96	2.05	1.99
Oct 20	1.99	2.00	2.03	1.99	2.00	2.03	2.06	2.03	2.03	2.02	2.01	1.99	1.99	1.99	2.01	2.02	2.02	2.03	2.03	2.01	S	2.05	2.02	2.02	1.99	2.06	2.02
Oct 21	2.02	1.98	1.99	1.99	1.99	2.00	1.99	1.98	1.99	1.98	1.99	2.01	2.02	2.02	2.02	2.02	2.03	2.03	2.03	S	2.01	2.00	2.00	2.00	1.98	2.03	2.00
Oct 22	2.04	2.11	2.04	2.06	2.13	2.13	2.16	2.17	2.06	2.03	1.98	1.99	2.00	2.02	2.01	2.01	2.01	2.01	S	2.02	2.05	2.06	2.05	2.11	1.98	2.17	2.05
Oct 23	2.18	2.08	2.05	2.00	1.98	2.03	2.04	2.05	2.01	1.96	1.97	2.01	2.01	2.02	2.03	2.02	2.03	S	2.02	2.00	2.01	2.01	2.00	2.04	1.96	2.18	2.02
Oct 24	2.11	2.04	2.04	2.08	2.00	2.02	2.06	2.12	2.06	2.09	1.99	1.98	1.99	1.99	2.00	2.00	S	2.04	1.99	1.98	1.99	2.00	1.99	1.99	1.98	2.12	2.02
Oct 25	1.97	1.97	1.96	1.95	1.94	1.94	1.94	1.95	1.94	1.95	1.94	1.94	1.96	1.97	1.98	S	1.99	2.00	2.00	2.02	2.08	2.04	2.15	2.06	1.94	2.15	1.98
Oct 26	2.00	1.99	1.97	1.98	1.97	1.97	1.96	1.96	1.95	1.96	1.97	1.98	1.99	1.99	S	1.95	1.95	1.96	1.96	1.96	1.97	1.97	1.97	1.96	1.95	2.00	1.97
Oct 27	1.96	1.96	1.96	1.97	1.97	1.97	1.98	1.98	1.97	1.97	1.98	1.98	1.98	S	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.96	2.00	1.98
Oct 28	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.04	2.03	2.09	2.05	2.04	S	2.00	2.01	2.03	2.01	2.02	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.09	2.02
Oct 29	1.99	1.99	2.00	1.99	1.99	2.00	2.00	1.99	1.99	1.99	1.97	S	1.97	1.99	2.00	1.98	1.99	1.99	2.00	2.02	2.01	2.02	2.03	2.02	1.97	2.03	2.00
Oct 30	2.03	2.02	2.02	2.02	2.03	2.02	2.03	2.05	2.06	2.04	S	2.04	2.04	2.03	2.03	2.01	2.01	2.03	2.09	2.06	2.09	2.11	2.13	2.07	2.01	2.13	2.05
Oct 31	2.10	2.06	2.05	2.11	2.07	2.01	2.01	1.98	1.98	S	1.95	1.96	1.95	1.93	1.93	1.98	1.96	1.98	2.00	2.00	1.98	1.97	1.97	1.98	1.93	2.11	2.00
Diurnal Maximum	2.18	2.21	2.15	2.22	2.23	2.18	2.19	2.18	2.12	2.09	2.09	2.09	2.09	2.10	2.10	2.09	2.10	2.15	2.15	2.17	2.21	2.24	2.27	2.18			
Diurnal Average	2.05	2.04	2.04	2.05	2.04	2.04	2.05	2.05	2.03	2.03	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.04	2.04	2.05	2.05	2.06	2.05			

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.



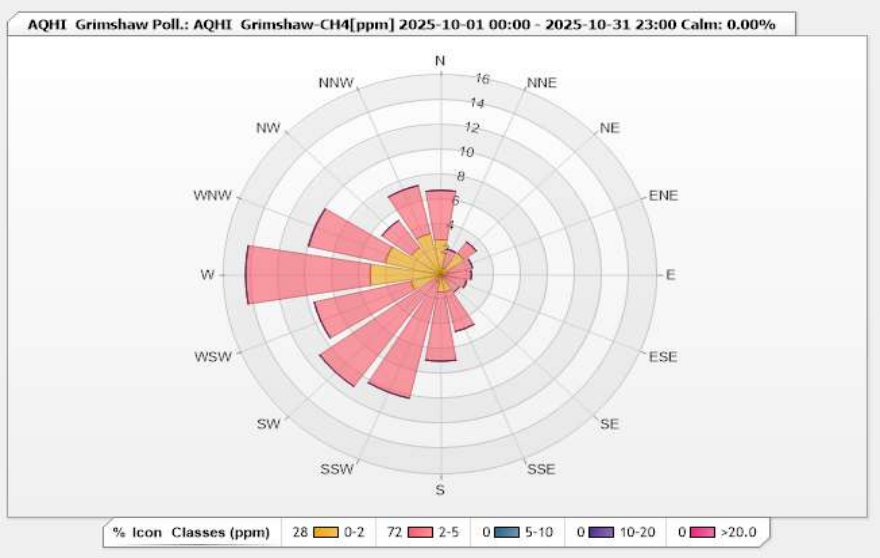


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-CH4[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	2.82	3.95	0	0	0	6.77
NNE	0.56	1.55	0	0	0	2.11
NE	2.12	1.13	0	0	0	3.25
ENE	0.56	1.84	0	0	0	2.4
E	0.14	2.12	0	0	0	2.26
ESE	0.28	1.69	0	0	0	1.97
SE	0.14	1.55	0	0	0	1.69
SSE	1.41	3.25	0	0	0	4.66
S	1.41	5.51	0	0	0	6.92
SSW	0.56	9.6	0	0	0	10.16
SW	0.28	10.73	0	0	0	11.01
WSW	2.26	7.34	0	0	0	9.6
W	5.23	9.18	0	0	0	14.41
WNW	4.24	5.79	0	0	0	10.03
NW	2.68	2.68	0	0	0	5.36
NNW	3.39	3.95	0	0	0	7.34
Summary	28.08	71.86	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

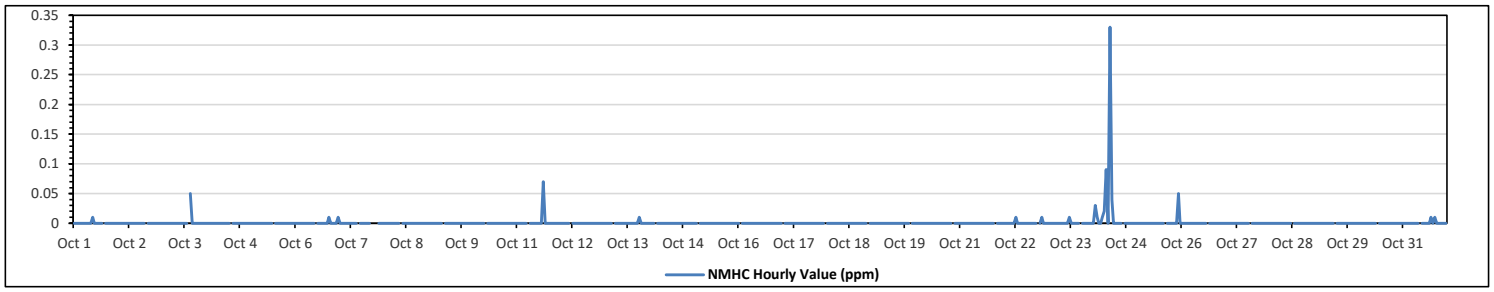
NON-METHANE HYDROCARBONS (NMHC) in ppm

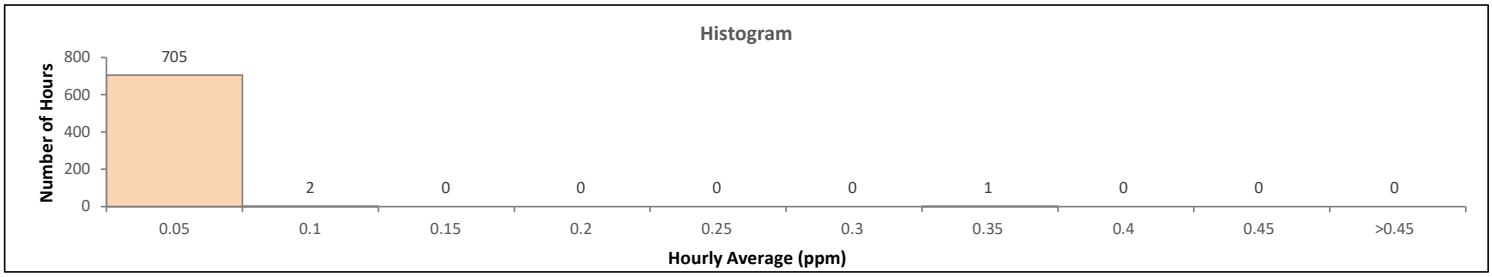
Maximum Hourly Value:	0.33	ppm	on Oct 24 at hr 9	Hours in Service:	744
Maximum Daily Value:	0.02	ppm	on Oct 24	Hours of Data:	708
Minimum Hourly Value:	0.00	ppm	on Oct 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.00	ppm	on Oct 2	Hours of Calibration:	36
Monthly Average:	0.00	ppm		Operational 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			
Oct 1	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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Oct 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	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
Oct 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	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
Oct 6	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	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
Oct 7	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	C	C	C	C	0.00	0.00	0.00	0.00	0.00	0.00
Oct 8	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	0.00
Oct 9	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	0.00
Oct 10	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
Oct 11	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	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
Oct 12	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
Oct 13	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Oct 14	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
Oct 15	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
Oct 16	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
Oct 17	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
Oct 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	S	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 22	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	S	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Oct 23	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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Oct 24	0.00	0.03	0.01	0.00	0.00	0.01	0.02	0.09	0.00	**0.33**	0.04	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	**0.33**	**0.02**
Oct 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	S	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05	0.00
Oct 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	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
Oct 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	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
Oct 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	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
Oct 29	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	0.00
Oct 30	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	0.00
Oct 31	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	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Diurnal Maximum	0.00	0.03	0.01	0.00	0.00	0.01	0.02	0.09	0.00	0.33	0.04	0.01	0.00	0.00	0.07	0.05	0.00	0.01	0.01	0.00	0.01	0.00	0.05	0.01			
Diurnal Average	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			

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.



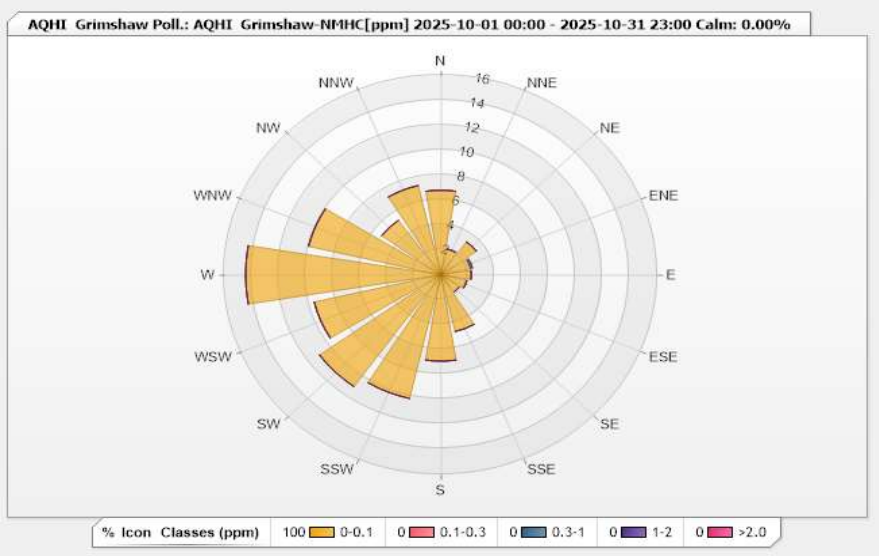


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NMHC[ppm] Monthly: 10-2025

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

Calm: 0.00% Valid Data: 95.16% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	6.78	0	0	0	0	6.78
NNE	2.12	0	0	0	0	2.12
NE	3.25	0	0	0	0	3.25
ENE	2.26	0	0.14	0	0	2.4
E	2.26	0	0	0	0	2.26
ESE	1.98	0	0	0	0	1.98
SE	1.69	0	0	0	0	1.69
SSE	4.66	0	0	0	0	4.66
S	6.92	0	0	0	0	6.92
SSW	10.17	0	0	0	0	10.17
SW	11.02	0	0	0	0	11.02
WSW	9.6	0	0	0	0	9.6
W	14.41	0	0	0	0	14.41
WNW	10.03	0	0	0	0	10.03
NW	5.37	0	0	0	0	5.37
NNW	7.34	0	0	0	0	7.34
Summary	100	0	0.14	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

PARTICULATE MATTER 2.5 ($PM_{2.5}$) in µg/m^3

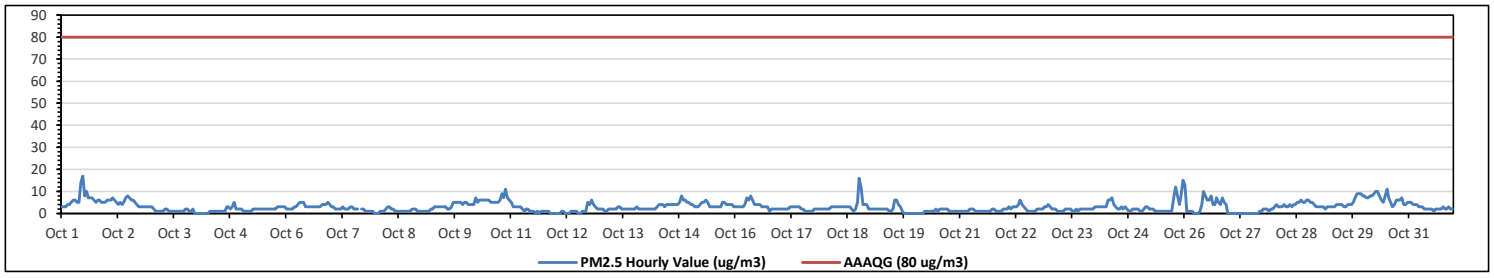
Alberta Ambient Air Quality Guideline (AAAQG): 1-Hour 80 µg/m3, Alberta Ambient Air Quality Objective (AAAQO): 24-Hour 29 µg/m3

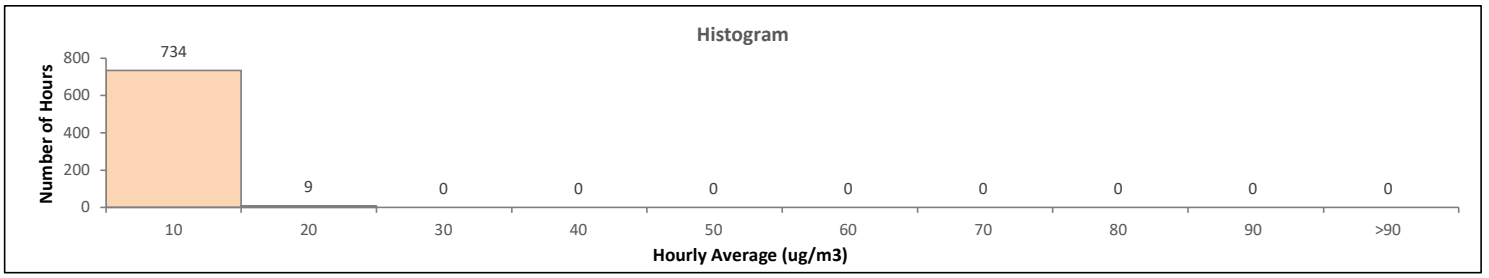
Number of 1-Hour Exceedances:	0	Number of 24-Hour Exceedances:	0
Maximum Hourly Value:	17 µg/m^3 on Oct 1 at hr 11	Hours in Service:	744
Maximum Daily Value:	6.8 µg/m^3 on Oct 30	Hours of Data:	743
Minimum Hourly Value:	0 µg/m^3 on Oct 3 at hr 23	Hours of Missing Data:	0
Minimum Daily Value:	1 µg/m^3 on Oct 27	Hours of Calibration:	1
Monthly Average:	2.9 µg/m^3	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			
Oct 1	3	3	3	4	4	5	6	6	5	5	14	**17**	8	10	7	7	7	6	5	6	6	5	5	5	3	**17**	6.3
Oct 2	6	6	6	7	6	5	4	5	4	5	7	8	7	6	6	5	4	3	3	3	3	3	3	3	3	8	4.9
Oct 3	3	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	0	**0**	3	1.3
Oct 4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	3	2	3	5	2	2	2	**0**	5	1.3
Oct 5	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	1	3	2.0
Oct 6	2	2	2	2	3	3	4	5	5	5	3	3	3	3	3	3	3	3	3	4	4	4	5	4	2	5	3.4
Oct 7	3	3	2	2	2	2	3	2	2	2	3	3	2	2	2	**C**	2	2	1	1	1	1	1	0	**0**	3	1.9
Oct 8	0	0	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	**0**	3	1.3
Oct 9	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2	3	5	5	5	5	5	4	5	1	5	3.0
Oct 10	5	4	4	4	4	7	5	6	6	6	6	6	6	5	5	5	5	5	6	9	7	11	7	6	4	11	5.8
Oct 11	5	3	3	3	3	3	2	1	2	2	1	1	1	0	1	0	1	1	1	1	1	0	0	0	**0**	5	1.5
Oct 12	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	1	1	5	4	6	4	3	2	2	**0**	6	1.5
Oct 13	2	2	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	1	3	2.0
Oct 14	2	2	2	2	2	2	3	4	4	4	3	4	4	4	4	4	4	4	5	8	6	6	5	5	2	8	3.9
Oct 15	4	4	3	3	3	4	5	5	6	5	3	3	3	3	3	3	3	5	5	4	4	4	4	3	3	6	3.8
Oct 16	3	3	3	3	3	4	7	6	8	6	4	4	4	4	3	3	3	3	1	2	2	2	2	2	1	8	3.5
Oct 17	2	2	2	2	2	3	3	3	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	1	3	2.0
Oct 18	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	1	2	5	16	12	4	4	4	2	1	16	3.8
Oct 19	2	2	2	2	2	2	2	2	2	2	1	1	2	6	6	4	3	1	0	0	0	0	0	0	**0**	6	1.8
Oct 20	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	**0**	2	1.0
Oct 21	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	1.3
Oct 22	2	2	3	2	3	3	3	4	6	4	3	2	1	1	1	1	1	2	2	2	2	3	3	4	1	6	2.5
Oct 23	3	2	2	2	1	1	1	1	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	1	3	1.8
Oct 24	3	3	3	3	3	3	3	6	6	7	4	3	2	2	3	2	3	2	1	1	2	2	2	2	1	7	3.0
Oct 25	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	7	12	8	4	8	15	1	15	3.3
Oct 26	13	1	1	1	1	0	0	0	1	4	10	8	6	6	8	4	4	7	5	4	7	5	4	0	**0**	13	4.2
Oct 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	2	2	**0**	2	**0.5**
Oct 28	3	4	3	3	3	4	3	3	4	3	4	4	5	5	6	5	5	6	6	5	5	4	3	3	3	6	4.1
Oct 29	3	3	3	2	3	3	3	3	3	4	4	4	4	3	3	4	4	4	5	7	9	9	9	8	2	9	4.5
Oct 30	8	7	7	8	8	9	10	10	8	6	5	8	11	7	5	3	4	6	6	6	7	4	4	5	3	11	**6.8**
Oct 31	5	5	4	4	4	3	3	3	2	2	2	2	2	1	2	2	2	2	3	2	2	3	2	2	1	5	2.7
Diurnal Maximum	13	7	7	8	8	9	10	10	8	7	14	17	11	10	8	7	7	7	16	12	9	11	9	15			
Diurnal Average	2.9	2.3	2.2	2.3	2.4	2.6	2.8	3.1	3.2	3.1	3.2	3.3	2.9	2.8	2.8	2.4	2.6	3.1	3.5	3.9	3.5	3.2	3.1	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.





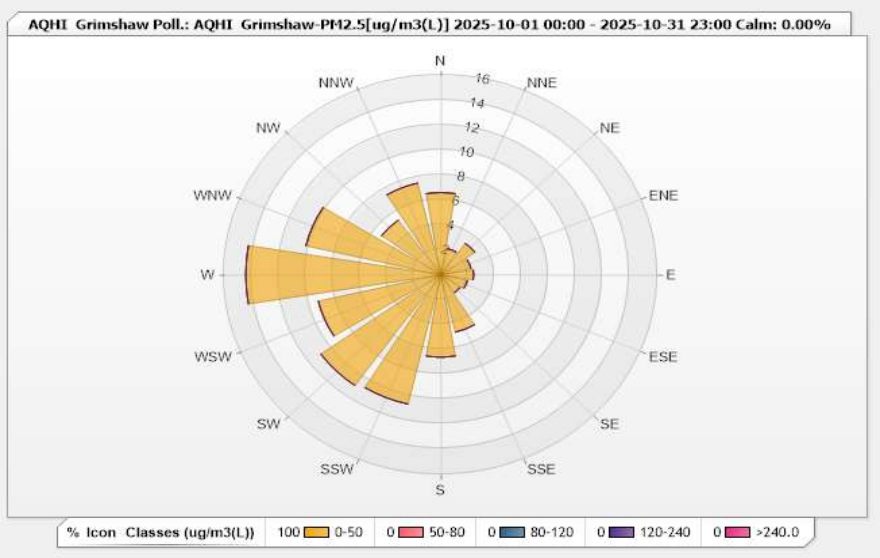
Station: AQHI Grimshaw Poll.: AQHI Grimshaw-PM2.5[ug/m3(L)] Monthly: 10-2025

.)]

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

Calm: 0.00% Valid Data: 99.87% Calm Avg: 0.00 [ug/m3(L)]

Direction	0-50	50-80	80-120	120-240	>240.0	Total
N	6.59	0	0	0	0	6.59
NNE	2.15	0	0	0	0	2.15
NE	3.1	0	0	0	0	3.1
ENE	2.29	0	0	0	0	2.29
E	2.42	0	0	0	0	2.42
ESE	2.02	0	0	0	0	2.02
SE	1.75	0	0	0	0	1.75
SSE	4.71	0	0	0	0	4.71
S	6.59	0	0	0	0	6.59
SSW	10.63	0	0	0	0	10.63
SW	10.9	0	0	0	0	10.9
WSW	9.29	0	0	0	0	9.29
W	14.4	0	0	0	0	14.4
WNW	10.23	0	0	0	0	10.23
NW	5.38	0	0	0	0	5.38
NNW	7.54	0	0	0	0	7.54
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

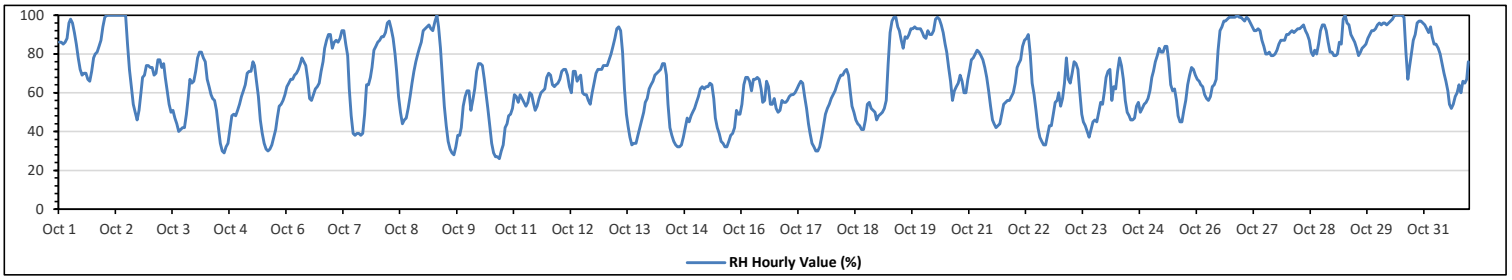
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100	%	on Oct 2 at hr 1	Hours in Service:	744
Maximum Daily Value:	93.0	%	on Oct 30	Hours of Data:	744
Minimum Hourly Value:	26	%	on Oct 10 at hr 16	Hours of Missing Data:	0
Minimum Daily Value:	49.0	%	on Oct 15	Hours of Calibration:	0
Monthly Average:	67.3	%		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			
Oct 1	86	86	85	86	88	96	98	96	91	85	78	72	69	70	70	67	66	71	78	80	81	84	87	94	66	98	81.8
Oct 2	99	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	85	72	63	54	50	46	51	60	68	69	74	74	46	**100**	81.9
Oct 3	73	73	69	70	77	77	73	75	68	61	54	50	51	47	44	40	41	42	42	49	58	67	65	66	40	77	59.7
Oct 4	71	78	81	81	78	76	67	63	59	57	56	51	42	34	30	29	32	34	41	48	49	48	51	54	29	81	54.6
Oct 5	58	61	64	70	71	71	76	74	66	58	46	39	34	31	30	31	33	37	41	47	53	54	56	59	30	76	52.5
Oct 6	63	65	67	67	69	70	72	75	78	76	74	67	57	56	59	62	63	65	71	76	83	87	90	90	56	90	70.9
Oct 7	83	86	87	86	88	92	92	85	79	62	48	39	38	39	39	38	39	49	64	64	68	73	82	84	38	92	66.8
Oct 8	86	87	89	89	91	96	97	93	88	80	71	58	50	44	46	47	52	58	65	71	76	80	83	86	44	97	74.3
Oct 9	92	93	94	95	93	92	97	**100**	94	83	68	53	43	35	31	29	28	32	38	38	42	53	58	61	28	**100**	64.3
Oct 10	61	51	56	62	71	75	75	74	67	60	52	43	34	29	27	27	**26**	30	33	42	44	48	49	52	**26**	75	49.5
Oct 11	59	58	55	59	57	55	53	55	60	59	55	51	53	57	60	61	62	68	70	69	64	63	64	65	51	70	59.7
Oct 12	67	71	72	72	69	63	60	71	71	66	68	69	60	59	59	56	54	60	65	70	72	72	72	74	54	74	66.3
Oct 13	74	74	77	80	84	88	93	94	92	81	62	49	43	37	33	34	34	38	42	46	50	55	57	62	33	94	61.6
Oct 14	64	66	69	70	71	72	75	75	69	54	42	38	35	33	32	32	33	37	42	47	45	48	50	52	32	75	52.1
Oct 15	55	58	62	63	62	63	63	65	64	57	47	42	39	35	34	32	32	35	38	39	42	51	49	49	32	65	**49.0**
Oct 16	54	64	68	68	66	61	67	67	68	67	62	55	56	66	63	54	54	57	52	50	51	56	55	55	50	68	59.8
Oct 17	56	58	59	59	60	62	64	66	65	58	52	44	39	34	32	30	30	32	37	43	49	52	54	57	30	66	49.7
Oct 18	59	61	64	67	69	69	71	72	69	60	53	50	46	44	43	41	41	46	54	55	52	51	50	46	41	72	55.5
Oct 19	48	49	50	52	56	75	91	97	99	99	94	92	87	83	89	88	90	93	93	94	93	93	93	91	48	99	82.9
Oct 20	89	88	92	90	90	92	98	99	98	95	91	85	81	73	66	56	61	63	65	69	66	60	60	67	56	99	78.9
Oct 21	72	77	78	80	82	81	79	77	73	68	61	53	46	44	42	43	44	49	54	55	56	56	58	60	42	82	62.0
Oct 22	65	73	75	77	84	87	88	90	80	65	59	51	42	37	35	33	33	38	43	43	49	55	56	60	33	90	59.1
Oct 23	53	57	65	78	67	65	70	76	75	72	60	49	45	43	40	37	41	45	46	45	50	55	54	61	37	78	56.2
Oct 24	68	71	72	56	63	62	71	78	74	67	56	50	48	46	46	47	53	55	50	52	54	55	57	61	46	78	58.8
Oct 25	68	71	76	79	83	81	81	84	84	76	64	61	62	56	48	45	45	51	56	64	69	73	72	69	45	84	67.4
Oct 26	67	66	64	63	59	57	56	58	63	64	67	82	92	94	97	97	98	99	99	99	99	**100**	99	99	56	**100**	80.8
Oct 27	98	97	99	98	96	94	92	92	93	92	87	84	80	80	81	79	79	80	82	85	87	87	87	90	79	99	88.3
Oct 28	90	91	92	91	92	93	93	94	95	92	90	87	81	79	82	80	85	92	95	95	92	86	81	81	79	95	88.7
Oct 29	79	79	80	86	85	98	**100**	96	95	90	88	86	83	79	81	83	84	85	88	90	92	92	93	95	79	**100**	87.8
Oct 30	96	95	96	96	95	96	97	98	**100**	**100**	**100**	**100**	**100**	99	81	67	73	80	87	90	96	97	97	96	67	**100**	**93.0**
Oct 31	95	93	91	94	89	85	85	83	80	75	70	66	61	54	52	54	58	60	64	60	66	65	67	76	52	95	72.6
Diurnal Maximum	99	100	100	100	100	100	100	100	100	100	100	100	100	99	97	97	98	99	99	99	99	100	99	99			
Diurnal Average	72.5	74.1	75.7	76.9	77.6	78.8	80.5	81.4	79.3	73.5	66.9	61.8	57.5	54.5	52.7	50.7	52.1	55.7	59.5	62.4	65.0	67.3	68.4	70.5			

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.



Peace River Area Monitoring Program

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

BAROMETRIC PRESSURE (BP) in millibar

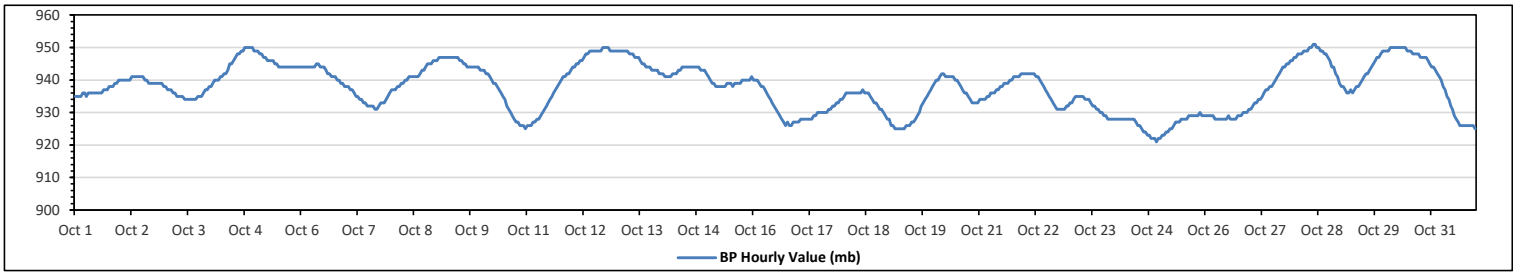
Maximum Hourly Value:	951	mb	on Oct 28 at hr 9	Hours in Service:	744
Maximum Daily Value:	949	mb	on Oct 30	Hours of Data:	744
Minimum Hourly Value:	921	mb	on Oct 24 at hr 22	Hours of Missing Data:	0
Minimum Daily Value:	926	mb	on Oct 24	Hours of Calibration:	0
Monthly Average:	938	mb		Operational Uptime:	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
Oct 1	935	935	935	935	936	936	935	936	936	936	936	936	936	936	936	937	937	937	938	938	938	939	939	940	935	940	937
Oct 2	940	940	940	940	940	940	941	941	941	941	941	941	941	940	940	939	939	939	939	939	939	939	939	938	938	941	940
Oct 3	938	937	937	937	936	936	935	935	935	935	934	934	934	934	934	934	934	935	935	935	936	937	937	938	934	938	936
Oct 4	938	939	940	940	940	941	941	942	942	943	945	945	946	947	948	948	949	949	950	950	950	950	950	949	938	950	945
Oct 5	949	949	948	948	947	947	946	946	946	946	945	945	944	944	944	944	944	944	944	944	944	944	944	944	944	949	945
Oct 6	944	944	944	944	944	944	944	944	945	945	944	944	944	943	942	942	941	941	941	940	940	939	939	938	938	945	943
Oct 7	938	938	937	937	936	935	935	934	934	933	933	932	932	932	932	931	931	932	933	933	933	934	935	936	931	938	934
Oct 8	937	937	937	938	938	939	939	940	940	941	941	941	941	941	941	942	943	943	944	945	945	945	946	946	937	946	941
Oct 9	946	947	947	947	947	947	947	947	947	947	947	947	946	946	945	945	944	944	944	944	944	944	944	943	943	947	946
Oct 10	943	943	942	942	941	940	939	939	938	937	936	935	934	932	931	930	929	928	927	927	926	926	926	925	925	943	934
Oct 11	926	926	926	927	927	928	928	929	930	931	932	933	934	935	936	937	938	939	940	941	941	942	942	943	926	943	934
Oct 12	944	944	945	945	946	946	947	948	948	949	949	949	949	949	949	949	950	950	950	950	949	949	949	949	944	950	948
Oct 13	949	949	949	949	949	949	948	948	948	947	947	947	946	945	945	944	944	944	943	943	943	943	942	942	942	949	946
Oct 14	942	941	941	941	941	942	942	942	943	943	944	944	944	944	944	944	944	944	944	944	943	943	943	942	941	944	943
Oct 15	941	940	939	939	938	938	938	938	938	938	939	939	939	938	939	939	939	939	940	940	940	940	940	941	938	941	939
Oct 16	940	940	940	939	938	938	937	936	935	934	933	932	931	930	929	928	927	926	927	926	926	927	927	927	926	940	932
Oct 17	927	928	928	928	928	928	928	928	929	929	930	930	930	930	930	930	931	931	932	932	933	933	934	934	927	934	930
Oct 18	935	936	936	936	936	936	936	936	936	936	937	936	936	936	935	934	933	933	932	931	931	930	929	928	928	937	934
Oct 19	928	926	926	925	925	925	925	925	925	926	926	926	927	927	928	929	930	932	933	934	935	936	937	938	925	938	929
Oct 20	939	940	940	941	942	942	941	941	941	941	941	940	940	939	938	937	936	936	935	934	933	933	933	933	933	942	938
Oct 21	934	934	934	934	935	935	936	936	936	937	937	938	938	939	939	939	940	940	941	941	941	941	942	942	934	942	938
Oct 22	942	942	942	942	942	942	941	941	940	939	938	937	936	935	934	933	932	931	931	931	931	931	932	932	931	942	937
Oct 23	933	933	934	935	935	935	935	935	934	934	934	933	932	932	931	931	930	930	929	929	928	928	928	928	928	935	932
Oct 24	928	928	928	928	928	928	928	928	928	928	928	927	926	926	925	924	924	923	923	922	922	922	**921**	922	**921**	928	**926**
Oct 25	922	923	923	924	924	925	925	926	927	927	927	928	928	928	928	929	929	929	929	929	929	930	929	929	922	930	927
Oct 26	929	929	929	929	929	928	928	928	928	928	928	929	928	928	928	928	928	929	929	929	930	930	930	931	928	931	929
Oct 27	931	932	933	933	934	934	935	936	937	937	938	938	939	940	941	942	943	944	944	945	945	946	946	947	931	947	939
Oct 28	947	948	948	948	949	949	949	950	950	**951**	**951**	950	950	949	949	948	948	947	946	944	944	942	941	939	939	**951**	947
Oct 29	938	938	937	936	936	937	936	937	938	938	939	940	941	942	942	943	944	945	946	947	947	948	949	949	936	949	941
Oct 30	949	949	950	950	950	950	950	950	950	950	950	949	949	949	948	948	948	948	947	947	947	947	946	945	945	950	**949**
Oct 31	944	944	943	942	941	940	938	937	935	934	932	931	929	928	927	926	926	926	926	926	926	926	926	925	925	944	932
Diurnal Maximum	949	949	950	950	950	950	950	950	950	951	951	950	950	949	949	949	950	950	950	950	950	950	950	949			
Diurnal Average	938	938	938	938	938	938	938	938	938	938	938	938	938	938	937	937	937	937	937	937	937	938	938	938			

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 - October 2025

Summary of Hourly Averages

AMBIENT TEMPERATURE (AT) in Degree Celsius

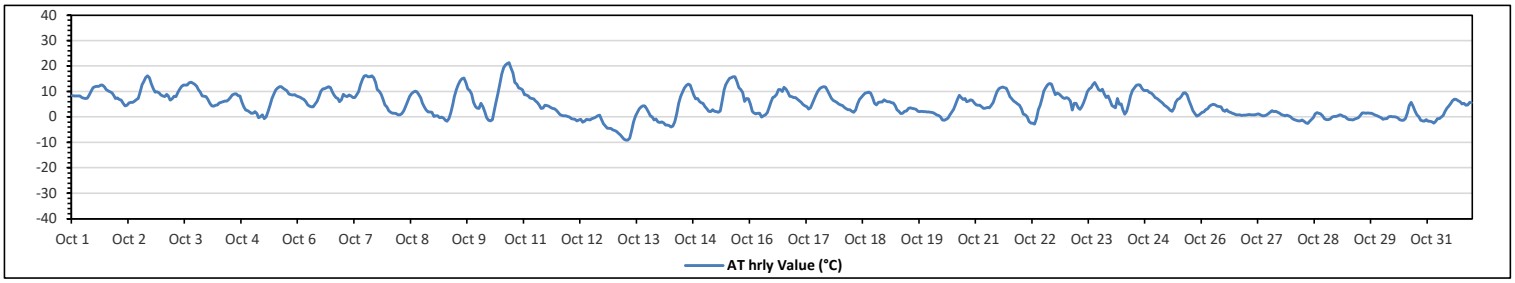
Maximum Hourly Value:	21.3	°C	on Oct 10 at hr 16	Hours in Service:	744	
Maximum Daily Value:	10.8	°C	on Oct 7	Hours of Data:	744	
Minimum Hourly Value:	-9.1	°C	on Oct 13 at hr 6	Hours of Missing Data:	0	
Minimum Daily Value:	-2.3	°C	on Oct 13	Hours of Calibration:	0	
Monthly Average:	5.0	°C		Operational 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
Oct 1	8.4	8.3	8.3	8.3	8.2	7.7	7.4	7.2	7.4	8.6	10.1	11.5	11.9	12	12	12.5	12.5	11.9	10.7	10.3	9.9	9.5	8.4	7.2	7.2	12.5	9.6
Oct 2	7.5	6.9	6.6	5.3	4.3	4.6	5.5	5.8	5.7	6.3	6.9	7.3	9.8	12.6	14.1	15.5	16.1	15.4	13.1	11.1	9.7	9.9	9.5	8.7	4.3	16.1	9.1
Oct 3	8.2	7.9	8.9	8.3	6.6	7.1	8.1	8	9.6	10.7	11.9	12.5	12.5	12.5	13.4	13.6	13.3	12.8	12	10.7	9.7	8.3	8.1	8	6.6	13.6	10.1
Oct 4	6.8	5.3	4.4	4.2	4.6	4.7	5.4	5.7	6	6.3	6.3	6.7	7.7	8.7	9.1	9.2	8.4	8.2	5.9	3.9	2.7	2.5	2	1.5	1.5	9.2	5.7
Oct 5	1.4	2.1	1.3	-0.3	0	0.8	-0.6	0.1	2.2	4.6	7.2	9	10.6	11.4	11.9	11.9	11.3	10.8	10.3	9.1	8.8	8.6	8.8	8.3	-0.6	11.9	6.2
Oct 6	7.9	7.8	7.3	6.9	6	4.7	4.2	3.9	4	5.1	6.2	8	10.1	11	11.1	11.6	11.9	11.5	9.8	8.6	7.6	7.2	6	6.7	3.9	11.9	7.7
Oct 7	8.9	8.2	8	8.6	8.3	7.6	7.6	8.8	10	12.8	14.7	16	16.3	15.9	15.9	16.1	15.4	13.5	10.7	10.2	9	7	4.8	4	4.0	16.3	**10.8**
Oct 8	2.5	1.8	1.5	1.4	1.3	0.9	0.9	1.3	2.5	4.2	6.2	8	9.2	9.7	10.1	9.9	8.8	7.5	5.5	3.9	2.7	2	2	1.8	0.9	10.1	4.4
Oct 9	0.2	0.5	0.5	-0.3	-0.1	-0.4	-1.4	-1.7	-0.7	1.7	4.9	8	10.6	12.7	14.2	15.1	15.3	13.5	11	10.4	9.1	5.7	4.1	3.5	-1.7	15.3	5.7
Oct 10	3.4	5.3	4.1	2.1	-0.3	-1.3	-1.5	-1.1	2.1	5.7	9.2	12.9	16.8	19.3	20.3	21	**21.3**	19.2	17.3	13.5	12.9	11.4	11.2	10.6	-1.5	**21.3**	9.8
Oct 11	8.8	8.6	8.2	7.5	7.2	7.1	6.4	5.7	4.8	3.3	3.5	4.6	4.5	4.2	3.8	3.4	3.2	2.6	1.7	1	0.6	0.4	0.4	0.2	0.2	8.8	4.2
Oct 12	-0.1	-0.7	-0.8	-0.9	-1.5	-1.2	-0.9	-2	-1.6	-0.9	-1	-1.2	-0.7	-0.4	-0.1	0.4	0.7	-1.1	-2.7	-3.6	-4.4	-4.4	-4.5	-5.1	-5.1	0.7	-1.6
Oct 13	-5.4	-5.7	-6.3	-6.9	-7.9	-8.7	**-9.1**	**-9.1**	-8.3	-5.4	-1.9	0.3	1.8	3.2	3.9	4.3	4.3	3.2	1.8	0.3	0	-1.2	-0.8	-1.9	**-9.1**	4.3	**-2.3**
Oct 14	-2.2	-1.9	-2.3	-3.1	-3.1	-3.4	-4	-3.5	-1.8	1.3	5.3	7.9	9.8	11.4	12.4	12.9	12.5	10.8	8.7	7.1	7.2	6.1	5.6	5.3	-4.0	12.9	4.1
Oct 15	4.1	3.2	2.2	2.1	2.8	2.3	2.1	1.8	2.4	6.4	10.6	12.7	14	15.2	15.5	15.9	15.8	13.9	11.6	10.7	9.6	6.1	7.2	7.1	1.8	15.9	8.1
Oct 16	5.2	2.3	1.6	1.2	1.4	1.4	-0.1	0.4	0.9	1.7	3.5	5.8	7.7	7.9	8.9	10.7	10.8	10	11.7	11	9.7	8.1	7.9	7.7	-0.1	11.7	5.7
Oct 17	7.6	7	6.4	5.7	4.9	4.3	3.9	3.1	3.6	5.3	6.8	8.7	10.1	11.2	11.7	11.9	11.8	10.4	8.9	7.4	6.5	6.2	5.8	5.2	3.1	11.9	7.3
Oct 18	4.8	4.5	3.8	3.2	2.8	2.8	2.2	1.9	2.7	5.2	6.9	7.8	8.7	9.3	9.5	9.7	9.3	7.6	5.3	4.7	5.8	5.9	5.9	6.7	1.9	9.7	5.7
Oct 19	6.3	6	6	5.6	5.5	4.3	2.8	2.2	1.3	1.4	2.2	2.4	3.3	3.7	3.3	3.2	3	2.2	2.1	2.2	2.1	2.1	2	2	1.3	6.3	3.2
Oct 20	1.8	1.7	1.3	0.9	0.6	0	-1.2	-1.3	-0.9	-0.4	0.7	1.8	3	4.9	6.9	8.5	7.7	6.8	7.3	6	6.3	6.7	6.5	5.4	-1.3	8.5	3.4
Oct 21	4.8	4.6	4.6	4	3.4	3.5	3.8	3.7	4.6	5.8	8	10	11.2	11.6	11.8	11.6	11.3	9.6	8	7.1	6.3	5.8	5.1	4.6	3.4	11.8	6.9
Oct 22	3.2	1.1	0.8	0.1	-1.8	-2.4	-2.5	-2.8	-0.7	2.8	4.8	7.5	10.1	11.6	12.7	13.2	12.9	10.7	8.8	9.3	9	8.3	7.7	7.3	-2.8	13.2	5.5
Oct 23	7.6	7.3	6.3	2.7	5.3	5.3	3.8	2.9	4.1	5.5	7.5	9.9	11	11.6	12.6	13.5	12.3	10.7	10.3	10.9	9.1	7.7	8.3	6.5	2.7	13.5	8.0
Oct 24	4.5	4	3.6	7.2	5	5.2	2.8	1.1	2.2	5	8.2	10.5	11.4	12.4	12.6	12.5	11.1	10.4	10.4	10.4	9.6	9.3	8.6	7.7	1.1	12.6	7.7
Oct 25	7.2	6.6	6	5.4	4.6	4.1	3.5	2.6	2.3	3.5	5.7	6.9	7.2	8.1	9.4	9.5	8.7	6.4	4.5	2.5	1.3	0.3	0.6	1.2	0.3	9.5	4.9
Oct 26	1.8	2	2.8	3.2	4.2	4.8	5	4.8	4.2	4.1	3.9	2.6	2.2	2.8	2.1	1.9	1.5	1.2	0.9	0.9	0.8	0.6	0.7	0.7	0.6	5.0	2.5
Oct 27	0.9	1	0.9	0.9	0.9	1.1	1.2	0.9	0.5	0.5	0.7	1.2	1.9	2.5	2.1	2.2	1.9	1.5	1	0.7	0.5	0.7	0.5	0	0.0	2.5	1.1
Oct 28	-0.7	-1	-1.4	-1.5	-1.5	-1.2	-1.6	-2.3	-2.6	-1.7	-1	-0.2	1.2	1.7	1.4	1.2	0.5	-0.6	-1.1	-1	-0.8	-0.1	0.2	0.2	-2.6	1.7	-0.6
Oct 29	0.5	0.8	0.7	0.2	0	-0.7	-1.1	-1.1	-1.2	-0.8	-0.5	-0.2	0.6	1.6	1.6	1.5	1.6	1.5	1.5	1.1	0.7	0.5	0.1	-0.3	-1.2	1.6	0.4
Oct 30	-0.9	-0.6	-0.7	0	0.2	0.1	0	-0.1	-0.4	-1	-1.4	-1.4	-0.7	1.4	4.5	5.7	4.2	2.4	0.8	0	-1.3	-1.5	-1.7	-1.1	-1.7	5.7	0.3
Oct 31	-1.6	-1.7	-1.9	-2.5	-1.6	-0.7	-0.6	-0.1	0.6	2.2	3.5	4.3	5.3	6.4	7	6.8	6.4	6	5.2	5.3	4.6	4.7	5.8	5.6	-2.5	7.0	2.9
Diurnal Maximum	8.9	8.6	8.9	8.6	8.3	7.7	8.1	8.8	10.0	12.8	14.7	16.0	16.8	19.3	20.3	21.0	21.3	19.2	17.3	13.5	12.9	11.4	11.2	10.6			
Diurnal Average	3.7	3.3	3.0	2.6	2.3	2.1	1.7	1.5	2.1	3.5	5.1	6.5	7.7	8.6	9.2	9.6	9.2	8.1	6.9	6.0	5.3	4.7	4.4	4.0			

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

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

STATION TEMPERATURE (ST) in Degree Celsius

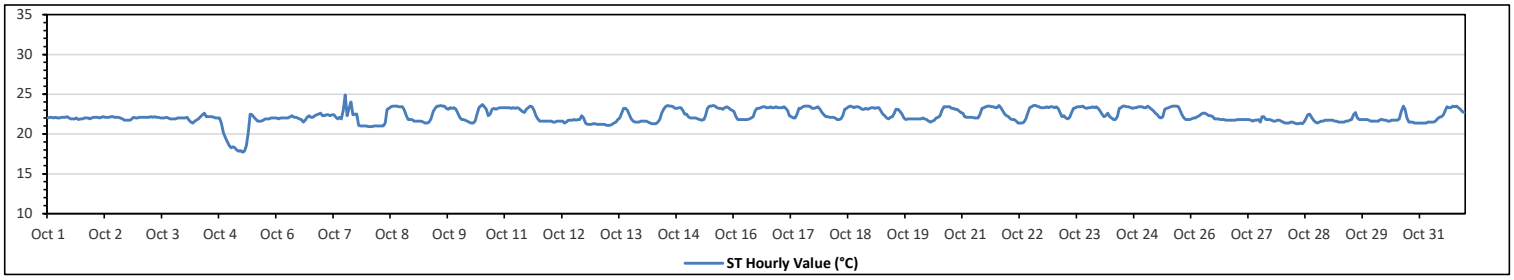
Maximum Hourly Value:	24.9	°C	on Oct 7 at hr 12	Hours in Service:	744	
Maximum Daily Value:	23.0	°C	on Oct 23	Hours of Data:	744	
Minimum Hourly Value:	17.7	°C	on Oct 5 at hr 6	Hours of Missing Data:	0	
Minimum Daily Value:	20.4	°C	on Oct 5	Hours of Calibration:	0	
Monthly Average:	22.2	°C		Operational 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
Oct 1	22.0	22.1	22.1	22.0	22.1	22.0	22.0	22.1	22.1	22.1	22.2	22.0	21.9	21.9	21.9	22.0	21.8	21.9	21.9	22.0	22.0	22.0	21.9	22.0	21.8	22.2	22.0
Oct 2	22.1	22.1	22.1	22.0	22.1	22.2	22.1	22.1	22.1	22.2	22.2	22.1	22.1	22.1	22.0	21.9	21.7	21.7	21.7	21.7	21.9	22.1	22.0	22.0	21.7	22.2	22.0
Oct 3	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.1	22.2	22.1	22.1	22.0	22.0	22.0	22.1	22.0	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	21.9	22.2	22.0
Oct 4	22.0	22.1	21.7	21.5	21.4	21.6	21.7	21.9	22.2	22.4	22.6	22.2	22.2	22.2	22.2	22.1	22.0	22.0	22.0	21.4	20.2	19.6	19.1	18.6	18.6	22.6	21.5
Oct 5	18.3	18.4	18.3	18.0	17.8	17.9	**17.7**	17.8	18.5	20.1	22.5	22.4	22.1	21.9	21.6	21.6	21.6	21.7	21.9	21.9	21.9	22.0	22.0	22.0	**17.7**	22.5	**20.4**
Oct 6	22.0	21.9	22.0	22.0	22.0	22.0	22.0	22.2	22.3	22.1	22.1	22.0	21.9	21.8	21.5	21.7	22.1	22.3	22.1	22.1	22.3	22.4	22.5	22.6	21.5	22.6	22.1
Oct 7	22.3	22.3	22.4	22.4	22.3	22.4	22.4	22.1	21.9	22.1	21.9	23.0	**24.9**	22.3	23.2	24.0	22.4	22.5	22.5	21.1	21.0	21.0	21.0	21.0	21.0	**24.9**	22.3
Oct 8	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.4	23.1	23.2	23.4	23.5	23.5	23.5	23.4	23.4	23.4	23.0	22.3	21.8	21.8	21.8	20.9	23.5	22.1
Oct 9	21.6	21.6	21.6	21.6	21.6	21.5	21.4	21.4	21.5	21.9	22.8	23.2	23.5	23.5	23.6	23.5	23.5	23.2	23.1	23.3	23.2	23.3	23.1	22.6	21.4	23.6	22.5
Oct 10	22.1	21.8	21.8	21.7	21.6	21.5	21.4	21.4	21.6	22.5	23.3	23.5	23.7	23.4	23.1	22.3	22.5	23.1	23.2	23.1	23.2	23.3	23.3	23.3	21.4	23.7	22.6
Oct 11	23.3	23.3	23.3	23.2	23.3	23.2	23.3	23.2	23.0	22.8	22.7	23.1	23.3	23.5	23.4	23.0	22.3	21.9	21.6	21.6	21.6	21.6	21.6	21.6	21.6	23.5	22.7
Oct 12	21.6	21.5	21.5	21.6	21.6	21.6	21.6	21.4	21.5	21.7	21.7	21.7	21.8	21.7	21.8	21.8	22.3	22.0	21.4	21.2	21.2	21.2	21.3	21.3	21.2	22.3	21.6
Oct 13	21.2	21.2	21.2	21.2	21.2	21.1	21.1	21.1	21.2	21.4	21.5	21.8	22.0	22.6	23.2	23.2	23.0	22.4	21.9	21.6	21.5	21.5	21.5	21.6	21.1	23.2	21.7
Oct 14	21.6	21.6	21.6	21.5	21.4	21.3	21.3	21.3	21.5	21.8	22.6	23.1	23.4	23.6	23.5	23.5	23.4	23.2	23.2	23.3	23.3	23.0	22.5	22.5	21.3	23.6	22.5
Oct 15	22.2	22.0	22.0	22.0	22.0	21.9	21.8	21.7	21.8	22.3	23.2	23.5	23.5	23.6	23.5	23.3	23.2	23.2	23.1	23.3	23.4	23.3	23.1	23.0	21.7	23.6	22.7
Oct 16	22.8	22.2	21.8	21.8	21.8	21.8	21.8	21.8	21.9	22.0	22.2	22.9	23.2	23.2	23.3	23.4	23.4	23.3	23.3	23.4	23.3	23.3	23.4	23.3	21.8	23.4	22.7
Oct 17	23.3	23.3	23.4	23.2	22.9	22.3	22.2	22.0	22.0	22.5	23.2	23.2	23.4	23.5	23.5	23.5	23.4	23.2	23.2	23.3	23.4	23.1	22.7	22.4	22.0	23.5	23.0
Oct 18	22.2	22.2	22.1	22.1	22.1	22.0	21.8	21.8	21.9	22.3	23.1	23.2	23.4	23.5	23.4	23.3	23.4	23.4	23.3	23.1	23.1	23.2	23.1	23.2	21.8	23.5	22.8
Oct 19	23.3	23.3	23.2	23.3	23.3	22.9	22.5	22.3	22.0	21.9	22.1	22.2	22.6	23.1	23.1	22.8	22.5	22.0	21.8	21.9	21.9	21.9	21.9	21.9	21.8	23.3	22.5
Oct 20	21.9	21.9	21.9	22.0	21.9	21.8	21.6	21.5	21.6	21.7	22.0	22.1	22.3	23.0	23.4	23.4	23.4	23.4	23.2	23.2	23.1	23.1	22.9	22.7	21.5	23.4	22.5
Oct 21	22.6	22.2	22.1	22.1	22.1	22.1	22.0	22.0	22.0	22.5	23.2	23.3	23.4	23.5	23.5	23.4	23.4	23.3	23.3	23.6	23.3	22.9	22.5	22.3	22.0	23.6	22.8
Oct 22	22.2	21.9	21.8	21.8	21.6	21.4	21.4	21.4	21.5	21.9	22.6	23.3	23.4	23.6	23.6	23.5	23.4	23.3	23.3	23.3	23.4	23.3	23.4	23.4	21.4	23.6	22.7
Oct 23	23.3	23.4	23.2	22.7	22.2	22.3	22.0	21.9	22.1	22.7	23.2	23.3	23.4	23.4	23.4	23.5	23.3	23.2	23.3	23.3	23.4	23.3	23.4	23.2	21.9	23.5	**23.0**
Oct 24	22.9	22.5	22.2	22.3	22.6	22.2	22.0	21.8	21.8	22.2	23.2	23.3	23.5	23.5	23.4	23.4	23.3	23.2	23.3	23.3	23.4	23.4	23.4	23.3	21.8	23.5	22.9
Oct 25	23.3	23.5	23.3	23.1	22.9	22.6	22.4	22.1	22.0	22.2	23.1	23.2	23.3	23.4	23.5	23.5	23.5	23.4	23.0	22.4	22.0	21.8	21.8	21.8	21.8	23.5	22.8
Oct 26	21.9	22.0	22.0	22.2	22.3	22.5	22.6	22.6	22.5	22.3	22.3	22.2	21.9	21.9	21.9	21.8	21.8	21.8	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.6	22.0
Oct 27	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.7	21.6	21.7	21.7	21.8	21.5	22.2	22.2	21.8	21.8	21.8	21.7	21.6	21.6	21.7	21.7	21.6	21.5	22.2	21.8
Oct 28	21.5	21.4	21.4	21.4	21.5	21.5	21.4	21.3	21.3	21.4	21.3	21.5	21.9	22.4	22.5	22.1	21.7	21.5	21.4	21.5	21.6	21.6	21.7	21.7	21.3	22.5	21.6
Oct 29	21.7	21.7	21.7	21.6	21.6	21.5	21.5	21.5	21.5	21.6	21.6	21.7	21.8	22.4	22.7	22.0	21.8	21.8	21.8	21.8	21.8	21.7	21.6	21.6	21.5	22.7	21.8
Oct 30	21.6	21.6	21.6	21.8	21.8	21.7	21.7	21.6	21.6	21.7	21.7	21.7	21.7	21.9	22.8	23.5	23.1	22.0	21.5	21.5	21.5	21.4	21.4	21.4	21.4	23.5	21.8
Oct 31	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.6	21.9	22.1	22.2	22.4	23.0	23.4	23.3	23.3	23.5	23.4	23.5	23.3	23.1	22.8	22.7	21.4	23.5	22.4
Diurnal Maximum	23.3	23.5	23.4	23.3	23.3	23.2	23.3	23.2	23.0	22.8	23.3	23.5	24.9	23.6	23.6	24.0	23.5	23.5	23.4	23.6	23.4	23.4	23.4	23.4			
Diurnal Average	22.0	22.0	21.9	21.9	21.9	21.8	21.7	21.7	21.7	22.0	22.4	22.6	22.7	22.8	22.9	22.8	22.7	22.6	22.5	22.4	22.3	22.3	22.2	22.1			

C	Monthly Calibration	S	Daily Zero-Span Check	Q	Quality Assurance		
K	Collection Error	ND	No Data (Machine Not in Service)	Y	Routine Maintenance	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 - October 2025

Summary of Hourly Averages

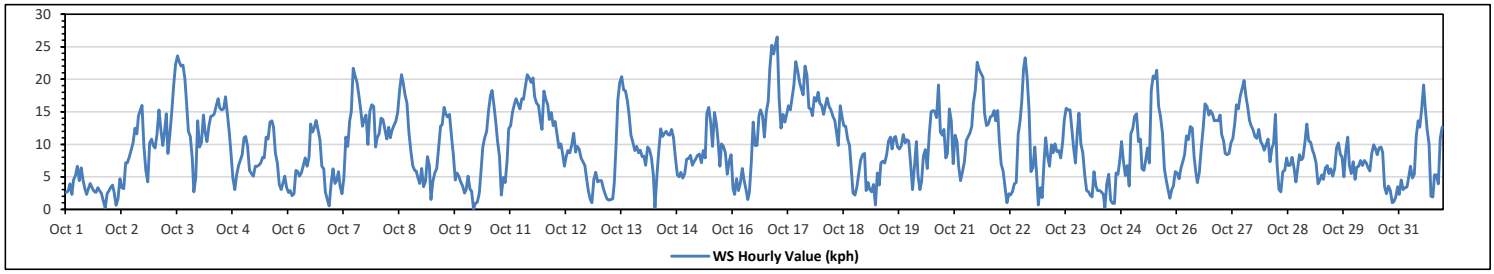
VECTOR WIND SPEED (VWS) in km/hr

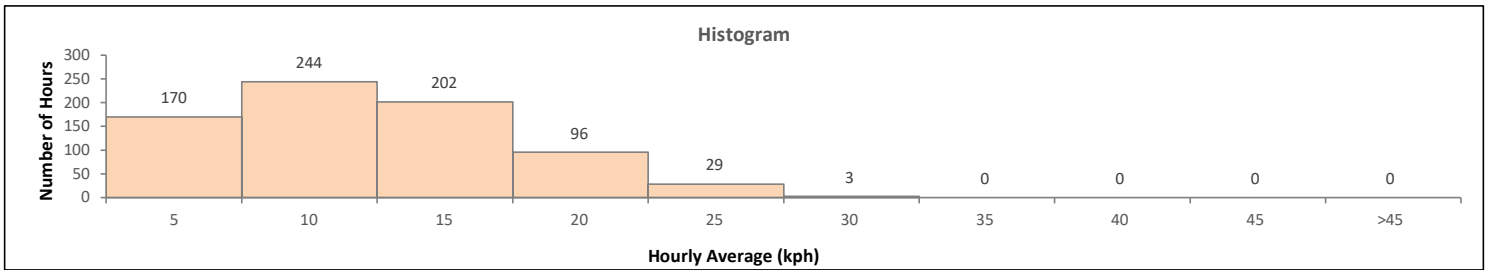
Maximum Hourly Value:	26.5	kph	on Oct 17 at hr 0	Hours in Service:	744	
Maximum Daily Value:	17.6	kph	on Oct 17	Hours of Data:	744	
Minimum Hourly Value:	0.1	kph	on Oct 10 at hr 4	Hours of Missing Data:	0	
Minimum Daily Value:	3.3	kph	on Oct 1	Hours of Calibration:	0	
Monthly Average:	9.6	kph		Operational 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			
Oct 1	2.6	2.8	3.9	2.3	4.5	5.2	6.6	4.4	6.4	4.4	3.1	2.3	3.1	4.0	3.3	2.8	2.6	3.3	2.9	2.5	1.3	0.2	2.4	2.9	0.2	6.6	**3.3**
Oct 2	3.4	3.7	2.6	0.6	1.6	4.7	3.3	3.2	7.2	7.1	8.0	9.1	10.2	12.5	11.6	14.4	15.3	16.0	9.7	6.0	4.2	10.2	10.8	9.8	0.6	16.0	7.7
Oct 3	9.4	11.6	15.3	12.3	9.8	11.7	14.7	8.6	11.5	15.0	19.1	22.3	23.6	22.7	22.0	22.2	20.1	15.8	12.0	11.2	7.9	2.7	4.9	13.6	2.7	23.6	14.2
Oct 4	9.6	10.3	14.5	12.0	10.4	12.8	14.3	14.4	14.7	15.9	17.0	15.6	15.3	15.4	17.3	14.6	11.7	8.7	4.8	3.0	5.4	6.8	7.5	8.4	3.0	17.3	11.7
Oct 5	11.0	11.2	9.7	6.0	5.5	5.1	6.6	6.6	6.8	7.1	8.0	7.9	11.1	10.8	13.4	13.6	12.6	8.6	7.1	3.8	3.0	4.1	5.1	3.3	3.0	13.6	7.8
Oct 6	2.6	2.9	2.1	2.4	6.0	5.8	5.1	5.6	6.7	7.9	6.6	8.0	13.1	11.9	12.5	13.7	12.2	10.7	6.6	6.2	2.7	1.5	0.5	4.0	0.5	13.7	6.6
Oct 7	6.2	4.0	4.4	5.8	3.6	2.4	4.9	11.1	9.7	13.6	15.0	21.7	20.5	19.5	17.4	15.1	12.8	13.9	14.5	10.0	15.1	16.1	15.8	9.6	2.4	21.7	11.8
Oct 8	11.0	11.6	14.0	13.8	12.3	10.8	12.6	11.0	12.1	12.9	13.5	14.9	18.3	20.7	19.5	17.6	16.3	11.9	9.0	6.7	6.0	5.9	4.9	4.0	4.0	20.7	12.1
Oct 9	6.3	3.5	4.3	8.1	6.7	1.5	4.3	5.6	6.3	9.5	12.8	13.0	15.7	14.7	14.2	14.6	11.3	8.4	4.5	5.6	5.1	4.2	3.6	2.5	1.5	15.7	7.8
Oct 10	3.0	5.1	3.1	2.8	**0.1**	0.9	1.1	2.5	6.2	9.6	11.0	12.0	15.2	17.5	18.3	15.9	13.2	10.5	8.2	2.2	4.9	4.1	7.5	12.4	**0.1**	18.3	7.8
Oct 11	12.9	15.0	16.2	17.0	16.2	15.4	17.0	16.9	18.9	20.7	20.2	19.5	20.2	17.3	16.3	16.0	13.7	12.3	18.2	16.9	16.1	13.8	14.9	12.9	12.3	20.7	16.4
Oct 12	13.5	11.5	9.5	10.1	8.7	6.6	8.2	9.0	8.7	9.9	11.7	8.8	9.7	9.3	7.9	7.3	6.7	4.5	2.8	1.5	1.0	4.6	5.7	4.2	1.0	13.5	7.6
Oct 13	4.4	4.4	3.3	2.4	1.6	1.4	1.5	1.6	4.1	10.5	16.8	19.5	20.4	18.4	18.2	16.6	14.6	11.4	10.3	9.0	9.7	8.7	9.1	8.1	1.4	20.4	9.4
Oct 14	8.2	6.8	9.6	9.2	7.9	5.3	0.3	5.1	9.0	12.4	11.2	11.7	12.0	11.5	11.4	12.3	11.0	7.9	5.3	5.0	5.7	4.8	5.5	7.7	0.3	12.4	8.2
Oct 15	7.8	8.3	6.8	7.3	7.7	8.3	8.5	7.2	9.0	7.9	14.7	15.7	13.4	9.7	14.9	13.1	10.6	6.6	10.1	9.7	8.7	5.4	7.4	8.4	5.4	15.7	9.5
Oct 16	3.2	2.3	4.7	2.9	4.1	6.3	4.6	3.2	1.5	2.6	7.2	13.4	9.8	9.8	14.4	15.3	14.4	11.1	15.0	16.6	21.7	25.2	23.9	25.2	1.5	25.2	10.8
Oct 17	**26.5**	17.0	12.5	14.6	13.4	14.5	15.9	15.3	17.3	19.0	22.7	21.3	19.5	18.6	17.6	22.0	20.6	15.6	15.4	14.4	17.2	16.6	18.0	16.3	12.5	**26.5**	**17.6**
Oct 18	16.0	14.6	16.1	17.1	15.8	15.3	14.3	13.7	11.6	9.8	15.9	14.1	12.9	12.8	10.8	9.8	5.9	2.5	2.2	3.4	5.6	7.6	8.4	8.6	2.2	17.1	11.0
Oct 19	2.9	4.1	3.1	2.7	3.8	0.7	5.6	3.7	7.1	7.4	7.1	8.4	10.5	11.1	9.3	11.0	11.2	9.6	9.3	9.8	11.5	10.2	10.7	10.5	0.7	11.5	7.6
Oct 20	6.9	3.0	6.6	10.4	5.2	3.0	4.2	8.2	9.2	6.3	11.4	15.0	15.2	15.1	14.1	19.1	11.9	11.4	12.3	7.9	8.6	15.4	13.6	7.0	3.0	19.1	10.0
Oct 21	11.4	10.4	6.6	4.4	5.8	7.3	10.6	11.2	11.7	12.7	16.3	18.3	22.6	21.5	20.9	20.3	14.8	12.9	13.1	14.2	14.4	15.2	13.6	15.2	4.4	22.6	13.6
Oct 22	10.6	6.9	5.9	3.4	1.0	2.4	2.2	2.7	3.9	4.1	11.5	13.6	16.4	21.7	23.3	20.3	15.3	5.8	6.4	9.6	5.2	0.7	3.3	1.8	0.7	23.3	8.3
Oct 23	7.4	11.0	8.2	6.6	9.9	8.7	10.1	8.9	9.0	7.9	10.3	13.7	15.5	15.3	15.3	12.8	9.6	7.1	12.0	14.8	10.1	8.7	5.3	2.9	2.9	15.5	10.0
Oct 24	2.7	2.2	1.9	5.8	3.6	2.9	2.9	2.7	2.3	0.3	3.9	5.4	1.4	0.9	0.9	5.6	5.4	7.7	10.4	7.4	5.2	6.7	3.6	11.6	0.3	11.6	4.3
Oct 25	12.4	14.3	14.7	10.4	10.8	6.2	6.0	7.7	9.4	7.1	18.3	20.5	20.1	21.4	15.8	14.2	11.7	6.2	4.4	2.9	1.7	3.0	3.6	5.8	1.7	21.4	10.4
Oct 26	5.6	4.7	6.4	7.4	8.4	11.3	10.7	12.7	12.5	8.0	5.8	4.1	5.6	9.3	12.4	16.2	15.8	14.5	15.2	14.7	13.6	13.7	13.6	14.5	4.1	16.2	10.7
Oct 27	11.5	10.5	8.6	8.4	8.6	10.2	10.9	13.3	16.1	15.4	17.4	18.6	19.8	17.3	15.8	13.7	12.9	12.2	11.2	10.9	12.3	10.4	10.0	9.1	8.4	19.8	12.7
Oct 28	10.0	10.8	7.3	9.4	10.1	14.6	7.0	3.1	2.7	5.8	6.0	7.9	6.7	6.8	8.0	6.4	4.2	6.5	8.4	7.6	7.9	10.2	13.1	10.5	2.7	14.6	8.0
Oct 29	10.3	9.1	8.4	7.1	3.9	4.5	5.3	4.6	6.4	6.7	5.5	6.2	5.1	6.2	9.5	10.2	8.4	8.1	5.0	9.1	11.1	6.8	5.5	7.3	3.9	11.1	7.1
Oct 30	4.6	6.5	6.6	7.5	6.7	7.5	7.1	6.5	5.9	8.6	9.9	9.4	8.4	9.4	9.6	8.8	3.5	2.4	3.6	2.9	1.0	1.2	1.9	3.5	1.0	9.9	6.0
Oct 31	2.3	4.5	3.0	3.3	3.4	4.8	6.6	4.8	5.4	11.2	13.6	12.6	15.4	19.1	15.7	12.3	10.1	2.0	1.9	5.3	5.3	3.9	10.9	12.6	1.9	19.1	7.9
Diurnal Maximum	26.5	17.0	16.2	17.1	16.2	15.4	17.0	16.9	18.9	20.7	22.7	22.3	23.6	22.7	23.3	22.2	20.6	16.0	18.2	16.9	21.7	25.2	23.9	25.2			
Diurnal Average	8.3	7.9	7.7	7.5	7.0	7.0	7.5	7.6	8.7	9.6	12.0	13.0	13.8	13.9	13.9	13.8	11.6	9.2	8.8	8.1	8.0	8.0	8.5	8.8			

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

AQHI - Grimshaw Station - October 2025

Summary of Hourly Averages

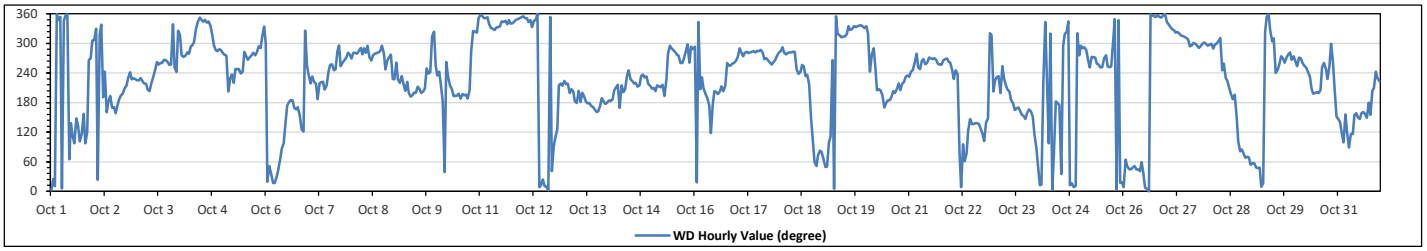
WIND DIRECTION (VWD) in sector

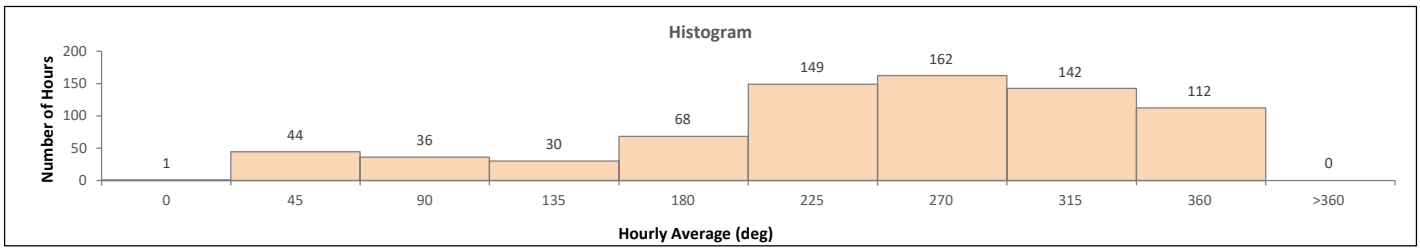
Monthly Average:	258 (WSW) degree	Hours in Service:	744
		Hours of Data:	744
		Hours of Missing Data:	0
		Hours of Calibration:	0
		Operational Uptime:	100.0

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
Oct 1	N	NNE	N	N	NNW	N	N	NNW	N	N	ENE	SE	ESE	E	SE	SE	E	ESE	SSE	E	ESE	W	W	NW	47	NE
Oct 2	NW	NNW	NNE	NW	NNW	S	WSW	SSE	S	S	SSE	S	SSE	S	S	SSW	SSW	SSW	SSW	SW	WSW	SW	SW	SW	213	SSW
Oct 3	SW	SW	SW	SW	SW	SW	SSW	SSW	SW	SW	WSW	W	WSW	WSW	WSW	W	W	W	WSW	WSW	NNW	WSW	WSW	NW	246	WSW
Oct 4	NW	W	W	W	W	W	WNW	WNW	WNW	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NW	WNW	WNW	WNW	WNW	WNW	310	NW
Oct 5	W	W	W	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	WNW	WNW	NW	NNW	266	W
Oct 6	WNW	NNE	NE	NE	NNE	NNE	NNE	NE	ENE	E	E	SE	S	S	S	S	SSE	SSE	S	SSE	SE	ESE	NW	WSW	108	ESE
Oct 7	SW	SW	SW	SW	SW	S	SW	SW	SW	SSW	SSW	WSW	WSW	WSW	WSW	WSW	WNW	WNW	WSW	W	W	W	W	W	243	WSW
Oct 8	W	W	W	W	WNW	WNW	W	WNW	W	WNW	W	W	W	W	W	W	WNW	WNW	W	WSW	W	W	W	SW	277	W
Oct 9	SW	W	SW	SW	SW	SW	SSW	SW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	NW	NW	WSW	224	SW
Oct 10	SW	WSW	SW	S	NE	W	SW	SSW	SSW	S	S	SSW	SSW	S	SSW	SSW	SSW	S	SSW	WNW	NW	NW	NW	N	223	SW
Oct 11	N	N	N	N	N	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	343	NNW
Oct 12	N	N	N	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	N	N	NE	E	ESE	SE	SSW	SW	SSW	SW	1	N
Oct 13	SW	SW	SSW	SSW	SSW	S	S	SSW	S	SSW	SSW	S	S	S	S	S	SSE	SSE	SSE	S	S	S	S	S	186	S
Oct 14	S	S	S	SSW	SSW	SW	SSE	SSW	SSW	SSW	SW	WSW	SW	SW	SW	SW	SSW	SSW	SW	SW	SW	SW	SW	SSW	214	SSW
Oct 15	SSW	SSW	SSW	SSW	SSW	SSW	SW	S	SW	W	WNW	WNW	WNW	W	W	W	WSW	WSW	W	WNW	WNW	W	WNW	WNW	255	WSW
Oct 16	WNW	NNE	NNW	SSW	SW	SSW	SSW	S	S	ESE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	WSW	WSW	W	222	SW
Oct 17	W	WNW	W	W	W	W	W	W	W	WNW	W	WNW	WNW	WNW	W	W	W	W	W	WSW	W	W	W	W	276	W
Oct 18	WNW	WNW	W	W	W	W	W	W	W	WSW	SW	WSW	WSW	WSW	SW	SW	SW	SSE	E	ENE	NE	ENE	E	E	263	W
Oct 19	ENE	NE	NE	E	ESE	W	N	N	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	342	NNW
Oct 20	NNW	NW	WSW	W	WNW	WSW	SSW	SSW	SSW	SSW	SSE	S	S	S	S	SSW	SSW	SSW	SW	SSW	SW	SW	SW	SW	219	SW
Oct 21	SW	WSW	WSW	W	W	WSW	WSW	W	W	WSW	W	W	W	W	W	W	WSW	WSW	WSW	W	W	W	W	W	261	W
Oct 22	WSW	SW	WSW	SW	ENE	N	E	ENE	ENE	ESE	SE	SE	SE	SE	SE	SE	SE	ESE	E	SE	SE	NW	NW	SSW	135	SE
Oct 23	SW	SW	SW	SSW	WSW	SW	SSW	SSW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	ESE	E	180	S
Oct 24	NE	NNE	NNE	SW	NNW	SW	E	NW	N	ENE	S	S	S	NE	WNW	NW	NW	NNW	NNE	NNE	N	NNE	NW	W	350	N
Oct 25	WNW	WNW	WNW	WNW	W	WSW	W	W	W	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WNW	NNW	N	NNW	NNE	NNE	285	WNW
Oct 26	N	ENE	NE	NE	NE	NE	NE	NE	NE	NE	ENE	NE	N	N	N	N	N	N	N	N	N	N	N	N	21	NNE
Oct 27	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	311	NW
Oct 28	WNW	WNW	WNW	WNW	WNW	WNW	NW	WSW	WSW	SW	SW	SSW	SSW	S	SSW	SSE	E	E	E	ENE	ENE	ENE	ENE	NE	244	WSW
Oct 29	ENE	ENE	NE	NE	NE	N	NNE	NW	N	N	NW	WNW	NW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	314	NW
Oct 30	W	WSW	W	W	WSW	WSW	WSW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	SW	WSW	WNW	W	SSW	SSE	237	SW
Oct 31	SE	SE	ESE	E	SSE	ESE	E	ESE	ESE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	SSE	SSW	SSW	WSW	SW	SW	156	SSE

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)			

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 - October 2025

Summary of Hourly Averages

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

WIND SPEED

Maximum Hourly Value:	26.5	kph	on Oct 17 at hr 0	Hours in Service:	744
Maximum Daily Value:	17.6	kph	on Oct 17	Hours of Data:	744
Minimum Hourly Value:	0.1	kph	on Oct 10 at hr 4	Hours of Missing Data:	0
Minimum Daily Value:	3.3	kph	on Oct 1	Hours of Calibration:	0
Monthly Average:	9.6	kph		Operational Uptime:	100.0

WIND DIRECTION

Monthly Average: 258 degree (WSW)

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			
Oct 1	2.6	2.8	3.9	2.3	4.5	5.2	6.6	4.4	6.4	4.4	3.1	2.3	3.1	4.0	3.3	2.8	2.6	3.3	2.9	2.5	1.3	0.2	2.4	2.9	0.2	6.6	**3.3**
	N	NNE	N	N	NNW	N	N	NNW	N	N	ENE	SE	ESE	E	SE	SE	E	ESE	SSE	E	ESE	W	W	NW			47(NE)
Oct 2	3.4	3.7	2.6	0.6	1.6	4.7	3.3	3.2	7.2	7.1	8.0	9.1	10.2	12.5	11.6	14.4	15.3	16.0	9.7	6.0	4.2	10.2	10.8	9.8	0.6	16.0	7.7
	NW	NNW	NNE	NW	NNW	S	WSW	SSE	S	S	SSE	S	SSE	S	S	SSW	SSW	SSW	SSW	SW	WSW	SW	SW	SW			213(SSW)
Oct 3	9.4	11.6	15.3	12.3	9.8	11.7	14.7	8.6	11.5	15.0	19.1	22.3	23.6	22.7	22.0	22.2	20.1	15.8	12.0	11.2	7.9	2.7	4.9	13.6	2.7	23.6	14.2
	SW	SW	SW	SW	SW	SW	SSW	SSW	SW	SW	WSW	W	WSW	WSW	WSW	W	W	W	WSW	WSW	NNW	WSW	WSW	NW			246(WSW)
Oct 4	9.6	10.3	14.5	12.0	10.4	12.8	14.3	14.4	14.7	15.9	17.0	15.6	15.3	15.4	17.3	14.6	11.7	8.7	4.8	3.0	5.4	6.8	7.5	8.4	3.0	17.3	11.7
	NW	W	W	W	W	W	WNW	WNW	WNW	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NW	WNW	WNW	WNW	WNW	WNW			310(NW)
Oct 5	11.0	11.2	9.7	6.0	5.5	5.1	6.6	6.6	6.8	7.1	8.0	7.9	11.1	10.8	13.4	13.6	12.6	8.6	7.1	3.8	3.0	4.1	5.1	3.3	3.0	13.6	7.8
	W	W	W	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	WNW	WNW	NW	NNW			266(W)
Oct 6	2.6	2.9	2.1	2.4	6.0	5.8	5.1	5.6	6.7	7.9	6.6	8.0	13.1	11.9	12.5	13.7	12.2	10.7	6.6	6.2	2.7	1.5	0.5	4.0	0.5	13.7	6.6
	WNW	NNE	NE	NE	NNE	NNE	NNE	NE	ENE	E	E	SE	S	S	S	S	SSE	SSE	S	SSE	SE	ESE	NW	WSW			108(ESE)
Oct 7	6.2	4.0	4.4	5.8	3.6	2.4	4.9	11.1	9.7	13.6	15.0	21.7	20.5	19.5	17.4	15.1	12.8	13.9	14.5	10.0	15.1	16.1	15.8	9.6	2.4	21.7	11.8
	SW	SW	SW	SW	SW	S	SW	SW	SW	SSW	SSW	WSW	WSW	WSW	WSW	WSW	WNW	WNW	WSW	W	W	W	W	W			243(WSW)
Oct 8	11.0	11.6	14.0	13.8	12.3	10.8	12.6	11.0	12.1	12.9	13.5	14.9	18.3	20.7	19.5	17.6	16.3	11.9	9.0	6.7	6.0	5.9	4.9	4.0	4.0	20.7	12.1
	W	W	W	W	WNW	WNW	W	WNW	W	WNW	W	W	W	W	W	W	WNW	WNW	W	WSW	W	W	W	SW			277(W)
Oct 9	6.3	3.5	4.3	8.1	6.7	1.5	4.3	5.6	6.3	9.5	12.8	13.0	15.7	14.7	14.2	14.6	11.3	8.4	4.5	5.6	5.1	4.2	3.6	2.5	1.5	15.7	7.8
	SW	W	SW	SW	SW	SW	SSW	SW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	NW	NW	WSW			224(SW)
Oct 10	3.0	5.1	3.1	2.8	**0.1**	0.9	1.1	2.5	6.2	9.6	11.0	12.0	15.2	17.5	18.3	15.9	13.2	10.5	8.2	2.2	4.9	4.1	7.5	12.4	**0.1**	18.3	7.8
	SW	WSW	SW	S	NE	W	SW	SSW	SSW	S	S	SSW	SSW	S	SSW	SSW	SSW	S	SSW	WNW	NW	NW	NW	N			223(SW)
Oct 11	12.9	15.0	16.2	17.0	16.2	15.4	17.0	16.9	18.9	20.7	20.2	19.5	20.2	17.3	16.3	16.0	13.7	12.3	18.2	16.9	16.1	13.8	14.9	12.9	12.3	20.7	16.4
	N	N	N	N	N	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N			343(NNW)
Oct 12	13.5	11.5	9.5	10.1	8.7	6.6	8.2	9.0	8.7	9.9	11.7	8.8	9.7	9.3	7.9	7.3	6.7	4.5	2.8	1.5	1.0	4.6	5.7	4.2	1.0	13.5	7.6
	N	N	N	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	N	N	NE	E	ESE	SE	SSW	SW	SSW	SW			1(N)
Oct 13	4.4	4.4	3.3	2.4	1.6	1.4	1.5	1.6	4.1	10.5	16.8	19.5	20.4	18.4	18.2	16.6	14.6	11.4	10.3	9.0	9.7	8.7	9.1	8.1	1.4	20.4	9.4
	SW	SW	SSW	SSW	SSW	S	S	SSW	S	SSW	SSW	S	S	S	S	S	SSE	SSE	SSE	S	S	S	S	S			186(S)
Oct 14	8.2	6.8	9.6	9.2	7.9	5.3	0.3	5.1	9.0	12.4	11.2	11.7	12.0	11.5	11.4	12.3	11.0	7.9	5.3	5.0	5.7	4.8	5.5	7.7	0.3	12.4	8.2
	S	S	S	SSW	SSW	SW	SSE	SSW	SSW	SSW	SW	WSW	SW	SW	SW	SW	SSW	SSW	SW	SW	SW	SW	SW	SSW			214(SSW)
Oct 15	7.8	8.3	6.8	7.3	7.7	8.3	8.5	7.2	9.0	7.9	14.7	15.7	13.4	9.7	14.9	13.1	10.6	6.6	10.1	9.7	8.7	5.4	7.4	8.4	5.4	15.7	9.5
	SSW	SSW	SSW	SSW	SSW	SSW	SW	S	SW	W	WNW	WNW	WNW	W	W	W	WSW	WSW	W	WNW	WNW	W	WNW	WNW			255(WSW)
Oct 16	3.2	2.3	4.7	2.9	4.1	6.3	4.6	3.2	1.5	2.6	7.2	13.4	9.8	9.8	14.4	15.3	14.4	11.1	15.0	16.6	21.7	25.2	23.9	25.2	1.5	25.2	10.8
	WNW	NNE	NNW	SSW	SW	SSW	SSW	S	S	ESE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	WSW	WSW	W			222(SW)
Oct 17	**26.5**	17.0	12.5	14.6	13.4	14.5	15.9	15.3	17.3	19.0	22.7	21.3	19.5	18.6	17.6	22.0	20.6	15.6	15.4	14.4	17.2	16.6	18.0	16.3	12.5	**26.5**	**17.6**
	W	WNW	W	W	W	W	W	W	W	WNW	W	WNW	WNW	WNW	W	W	W	W	W	WSW	W	W	W	W			276(W)
Oct 18	16.0	14.6	16.1	17.1	15.8	15.3	14.3	13.7	11.6	9.8	15.9	14.1	12.9	12.8	10.8	9.8	5.9	2.5	2.2	3.4	5.6	7.6	8.4	8.6	2.2	17.1	11.0
	WNW	WNW	W	W	W	W	W	W	W	WSW	SW	WSW	WSW	WSW	SW	SW	SW	SSE	E	ENE	NE	ENE	E	E			263(W)
Oct 19	2.9	4.1	3.1	2.7	3.8	0.7	5.6	3.7	7.1	7.4	7.1	8.4	10.5	11.1	9.3	11.0	11.2	9.6	9.3	9.8	11.5	10.2	10.7	10.5	0.7	11.5	7.6
	ENE	NE	NE	E	ESE	W	N	N	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW			342(NNW)
Oct 20	6.9	3.0	6.6	10.4	5.2	3.0	4.2	8.2	9.2	6.3	11.4	15.0	15.2	15.1	14.1	19.1	11.9	11.4	12.3	7.9	8.6	15.4	13.6	7.0	3.0	19.1	10.0
	NNW	NW	WSW	W	WNW	WSW	SSW	SSW	SSW	SSW	SSE	S	S	S	S	SSW	SSW	SSW	SW	SSW	SW	SW	SW	SW			219(SW)
Oct 21	11.4	10.4	6.6	4.4	5.8	7.3	10.6	11.2	11.7	12.7	16.3	18.3	22.6	21.5	20.9	20.3	14.8	12.9	13.1	14.2	14.4	15.2	13.6	15.2	4.4	22.6	13.6
	SW	WSW	WSW	W	W	WSW	WSW	W	W	WSW	W	W	W	W	W	W	WSW	WSW	WSW	W	W	W	W	W			261(W)
Oct 22	10.6	6.9	5.9	3.4	1.0	2.4	2.2	2.7	3.9	4.1	11.5	13.6	16.4	21.7	23.3	20.3	15.3	5.8	6.4	9.6	5.2	0.7	3.3	1.8	0.7	23.3	8.3
	WSW	SW	WSW	SW	ENE	N	E	ENE	ENE	ESE	SE	SE	SE	SE	SE	SE	SE	ESE	E	SE	SE	NW	NW	SSW			135(SE)
Oct 23	7.4	11.0	8.2	6.6	9.9	8.7	10.1	8.9	9.0	7.9	10.3	13.7	15.5	15.3	15.3	12.8	9.6	7.1	12.0	14.8	10.1	8.7	5.3	2.9	2.9	15.5	10.0
	SW	SW	SW	SSW	WSW	SW	SSW	SSW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	ESE	E			180(S)
Oct 24	2.7	2.2	1.9	5.8	3.6	2.9	2.9	2.7	2.3	0.3	3.9	5.4	1.4	0.9	0.9	5.6	5.4	7.7	10.4	7.4	5.2	6.7	3.6	11.6	0.3	11.6	4.3
	NE	NNE	NNE	SW	NNW	SW	E	NW	N	ENE	S	S	S	NE	WNW	NW	NW	NNW	NNE	NNE	N	NNE	NW	W			350(N)
Oct 25	12.4	14.3	14.7	10.4	10.8	6.2	6.0	7.7	9.4	7.1	18.3	20.5	20.1	21.4	15.8	14.2	11.7	6.2	4.4	2.9	1.7	3.0	3.6	5.8	1.7	21.4	10.4
	WNW	WNW	WNW	WNW	W	WSW	W	W	W	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WNW	NNW	N	NNW	NNE	NNE			285(WNW)
Oct 26	5.6	4.7	6.4	7.4	8.4	11.3	10.7	12.7	12.5	8.0	5.8	4.1	5.6	9.3	12.4	16.2	15.8	14.5	15.2	14.7	13.6	13.7	13.6	14.5	4.1	16.2	10.7
	N	ENE	NE	NE	NE	NE	NE	NE	NE	NE	ENE	NE	N	N	N	N	N	N	N	N	N	N	N	N			21(NNE)
Oct 27	11.5	10.5	8.6	8.4	8.6	10.2	10.9	13.3	16.1	15.4	17.4	18.6	19.8	17.3	15.8	13.7	12.9	12.2	11.2	10.9	12.3	10.4	10.0	9.1	8.4	19.8	12.7
	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW			311(NW)
Oct 28	10.0	10.8	7.3	9.4	10.1	14.6	7.0	3.1	2.7	5.8	6.0	7.9	6.7	6.8	8.0	6.4	4.2	6.5	8.4	7.6	7.9	10.2	13.1	10.5	2.7	14.6	8.0
	WNW	WNW	WNW	WNW	WNW	WNW	NW	WSW	WSW	SW	SW	SSW	SSW	S	SSW	SSE	E	E	E	ENE	ENE	ENE	ENE	NE			244(WSW)
Oct 29	10.3	9.1	8.4	7.1	3.9	4.5	5.3	4.6	6.4	6.7	5.5	6.2	5.1	6.2	9.5	10.2	8.4	8.1	5.0	9.1	11.1	6.8	5.5	7.3	3.9	11.1	7.1
	ENE	ENE	NE	NE	NE	N	NNE	NW	N	N	NW	WNW	NW	WSW	WSW	WSW	W	W	W	W	W	W	W	W			314(NW)
Oct 30	4.6	6.5	6.6	7.5	6.7	7.5	7.1	6.5	5.9	8.6	9.9	9.4	8.4	9.4	9.6	8.8	3.5	2.4	3.6	2.9	1.0	1.2	1.9	3.5	1.0	9.9	6.0
	W	WSW	W	W	WSW	WSW	WSW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	WSW	SW	WSW	WNW	W	SSW	SSE			237(SW)
Oct 31	2.3	4.5	3.0	3.3	3.4	4.8	6.6	4.8	5.4	11.2	13.6	12.6	15.4	19.1	15.7	12.3	10.1	2.0	1.9	5.3	5.3	3.9	10.9	12.6	1.9	19.1	7.9
	SE	SE	ESE	E	SSE	ESE	E	ESE	ESE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	SSE	SSW	SSW	WSW	SW	SW			156(SSE)

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)					

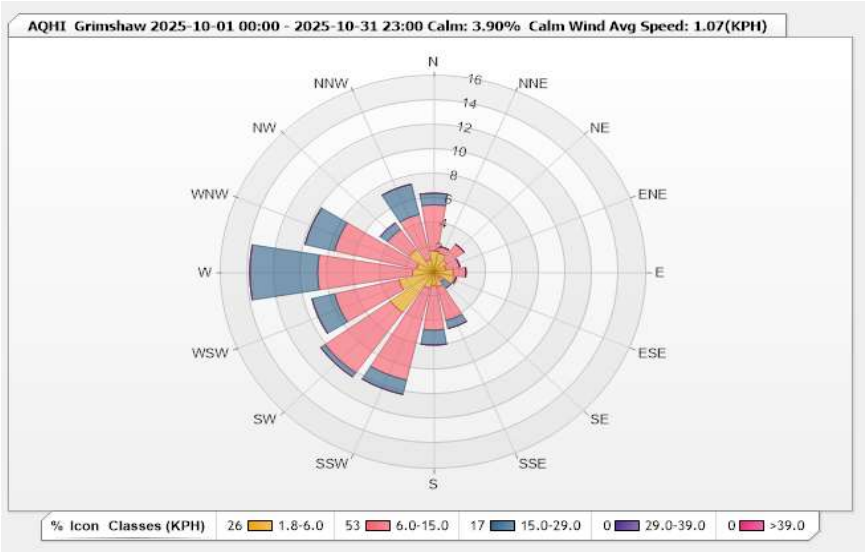
Daily Average is shown "-" if minimum data completeness criteria of 75% or 18 hours per day is not met.
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

Station: AQHI Grimshaw Monitor: WDS [KPH] Monthly: 10-2025

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

Calm (WS<1.8kph): 3.90% 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	1.75	3.76	0.94	0	0	6.45
NNE	1.61	0.54	0	0	0	2.15
NE	1.21	1.61	0	0	0	2.82
ENE	0.94	1.08	0	0	0	2.02
E	1.48	0.94	0	0	0	2.42
ESE	1.61	0.13	0	0	0	1.74
SE	0.54	0.4	0.67	0	0	1.61
SSE	1.21	2.82	0.67	0	0	4.7
S	1.08	3.63	1.21	0	0	5.92
SSW	1.34	7.66	1.21	0	0	10.21
SW	4.03	6.05	0.4	0	0	10.48
WSW	2.69	4.97	1.75	0	0	9.41
W	1.61	7.12	5.11	0	0	13.84
WNW	1.34	6.32	2.28	0	0	9.94
NW	2.28	2.02	0.67	0	0	4.97
NNW	1.08	3.76	2.55	0	0	7.39
Summary	25.8	52.81	17.46	0	0	96.07



END OF REPORT

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

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring Calibration Report

- 842-B STATION-

CAL-PRAMP-202510-01561

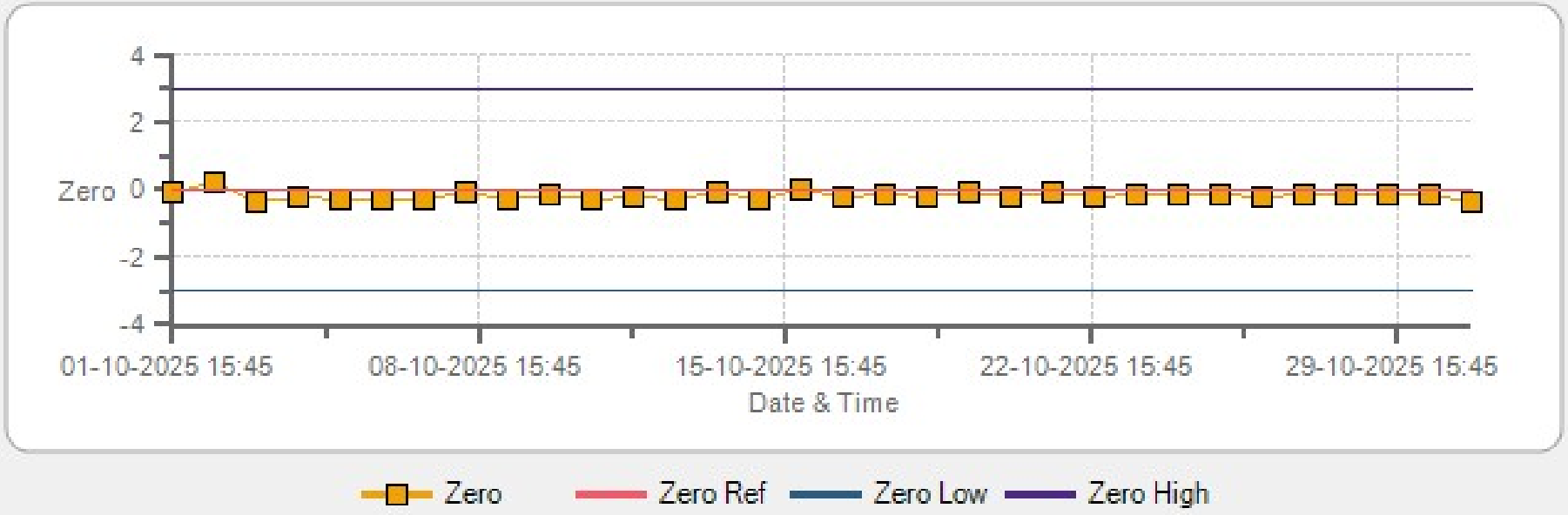
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

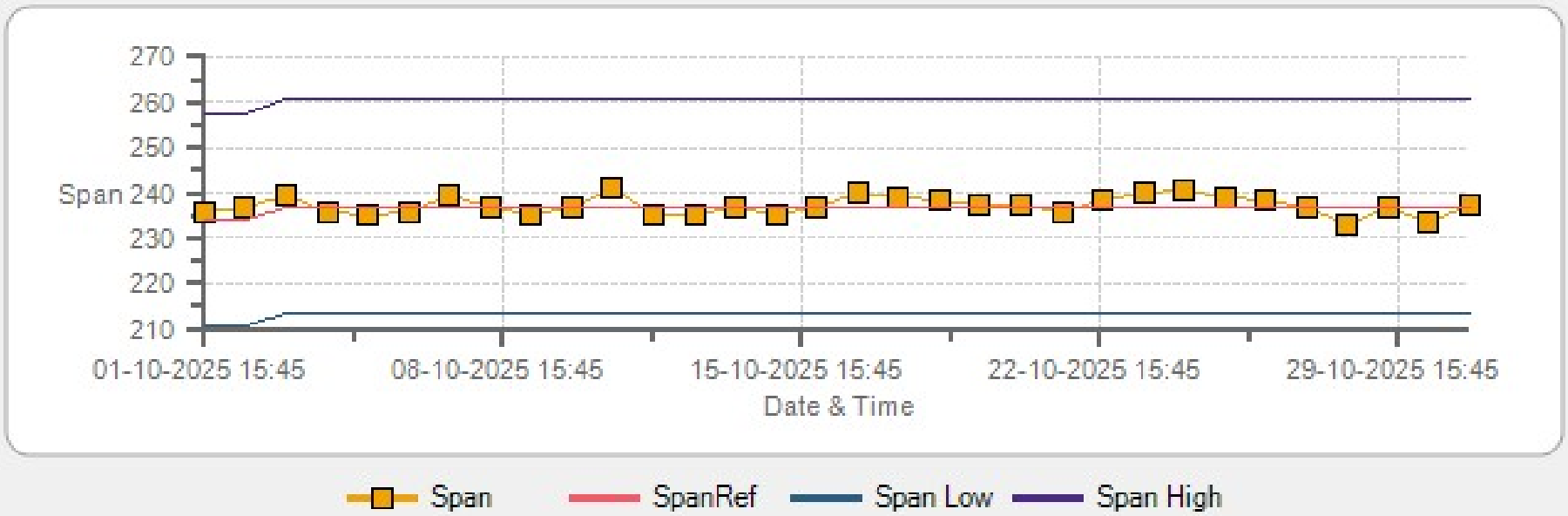
November 13, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

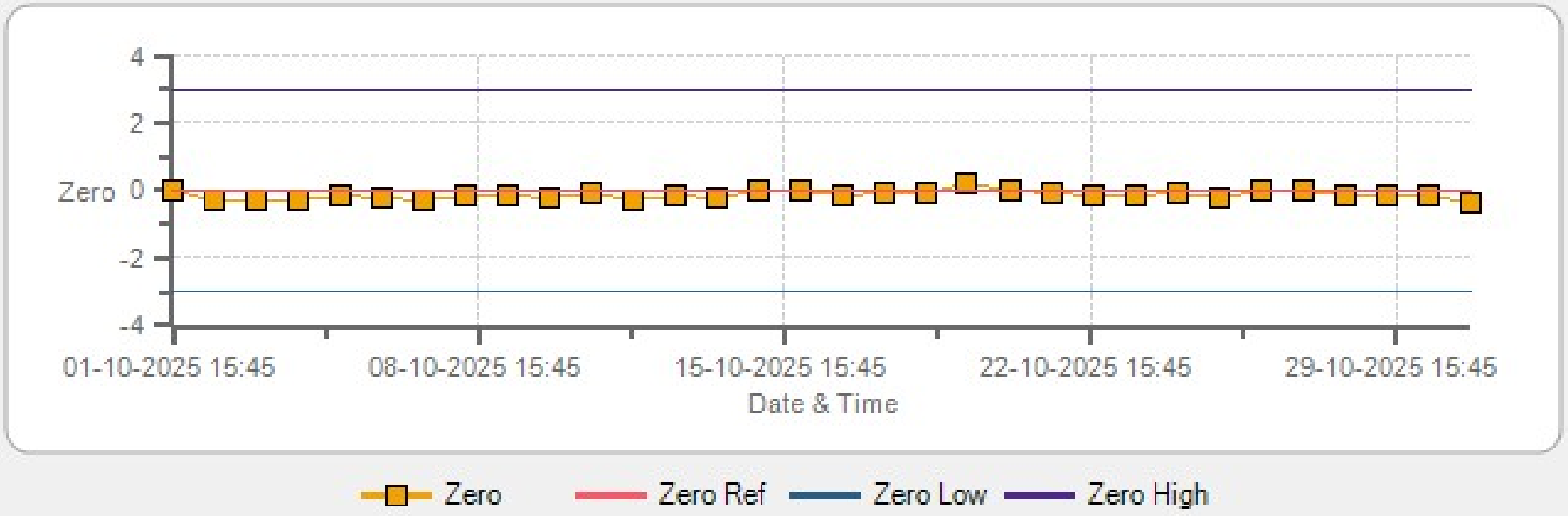
SO2[ppb] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Zero



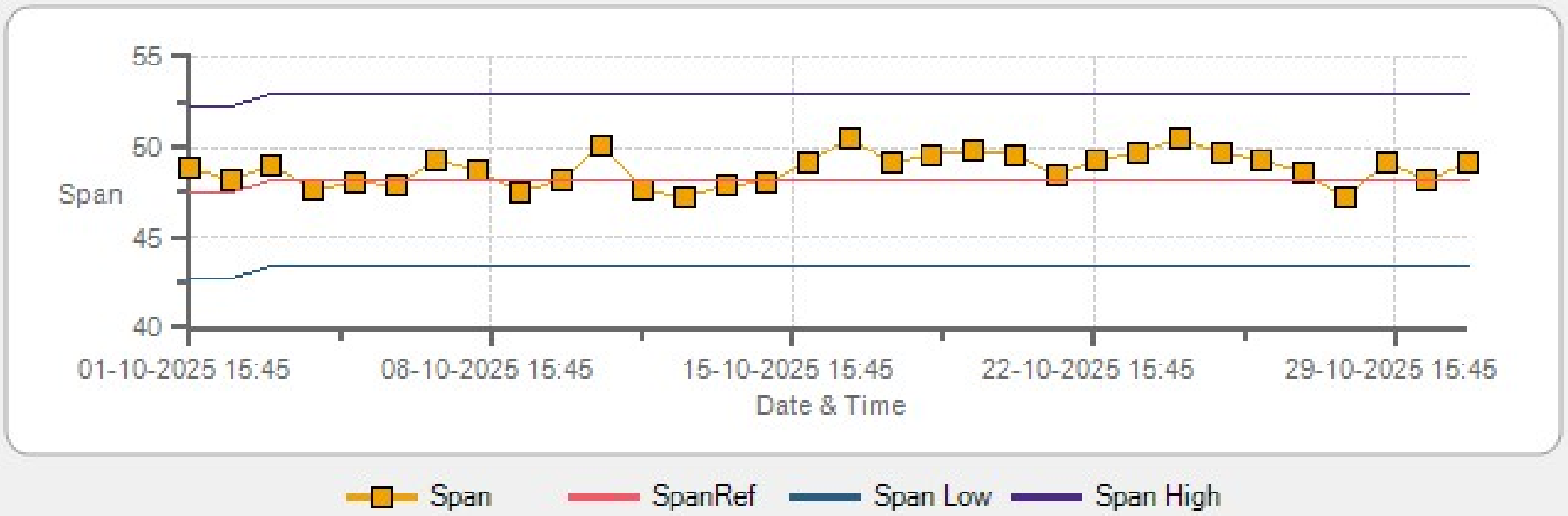
SO2[ppb] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Span



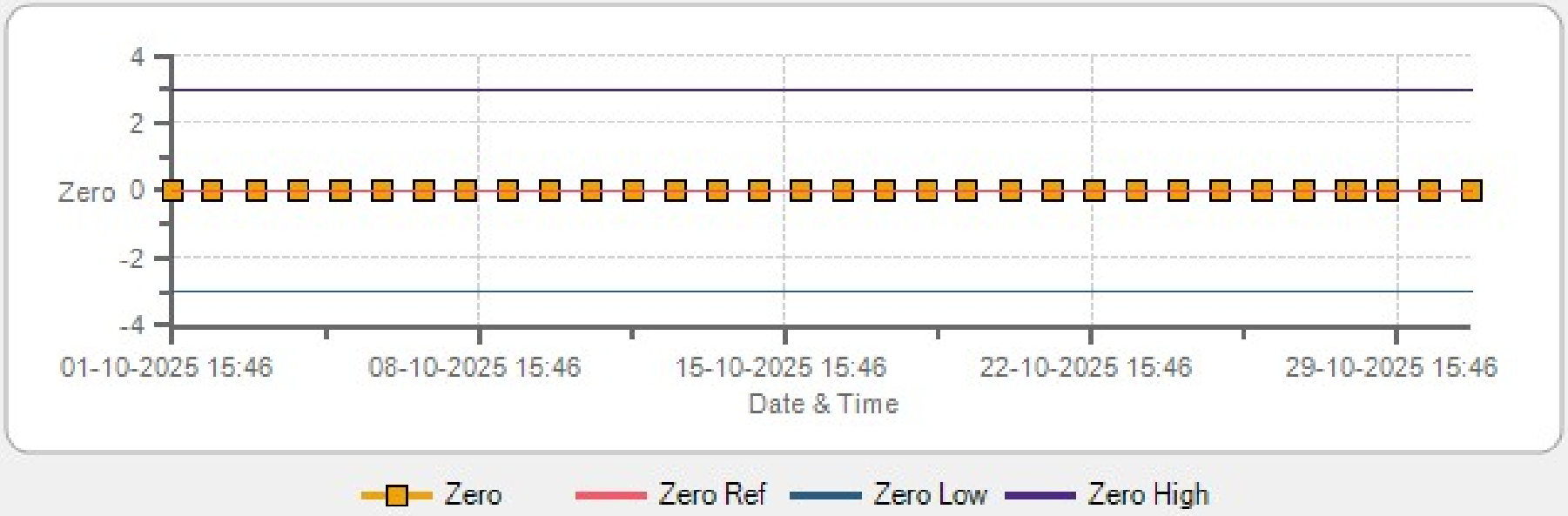
TRS[ppb] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Zero



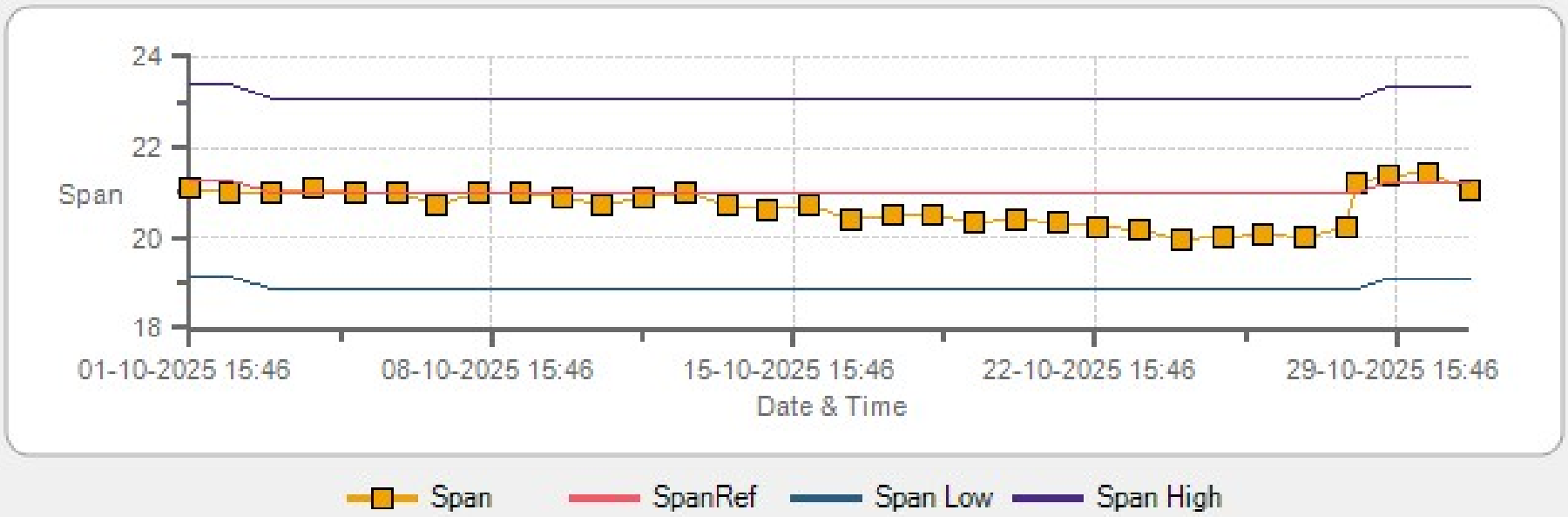
TRS[ppb] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Span



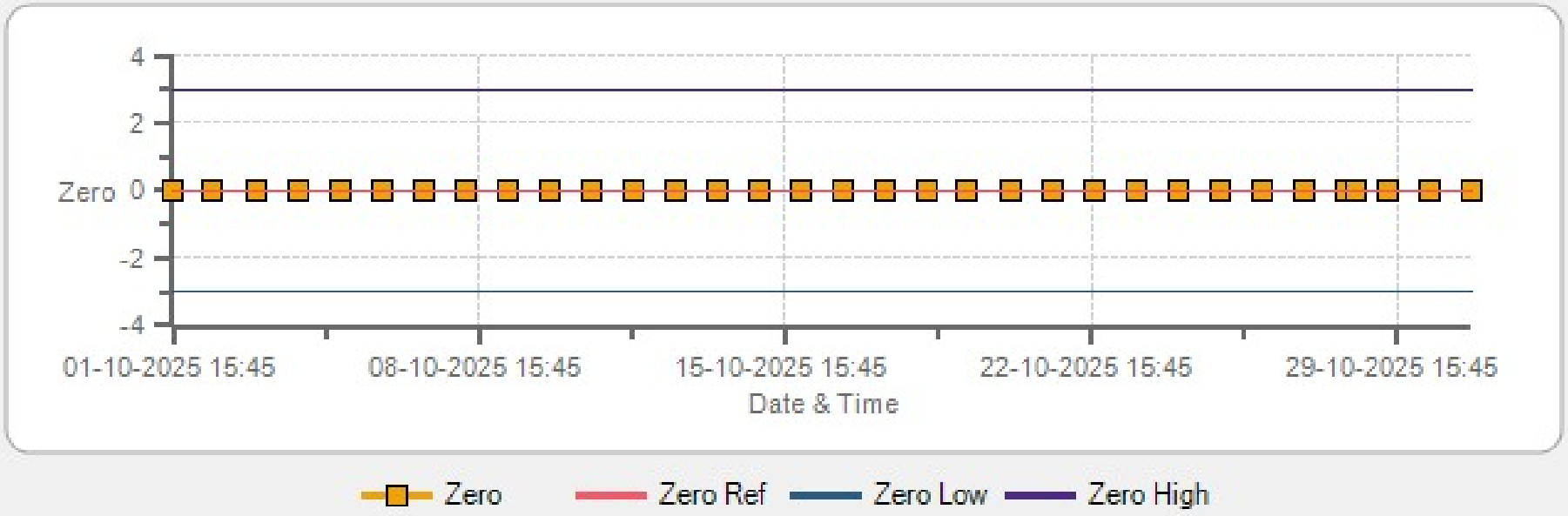
THC55[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Zero



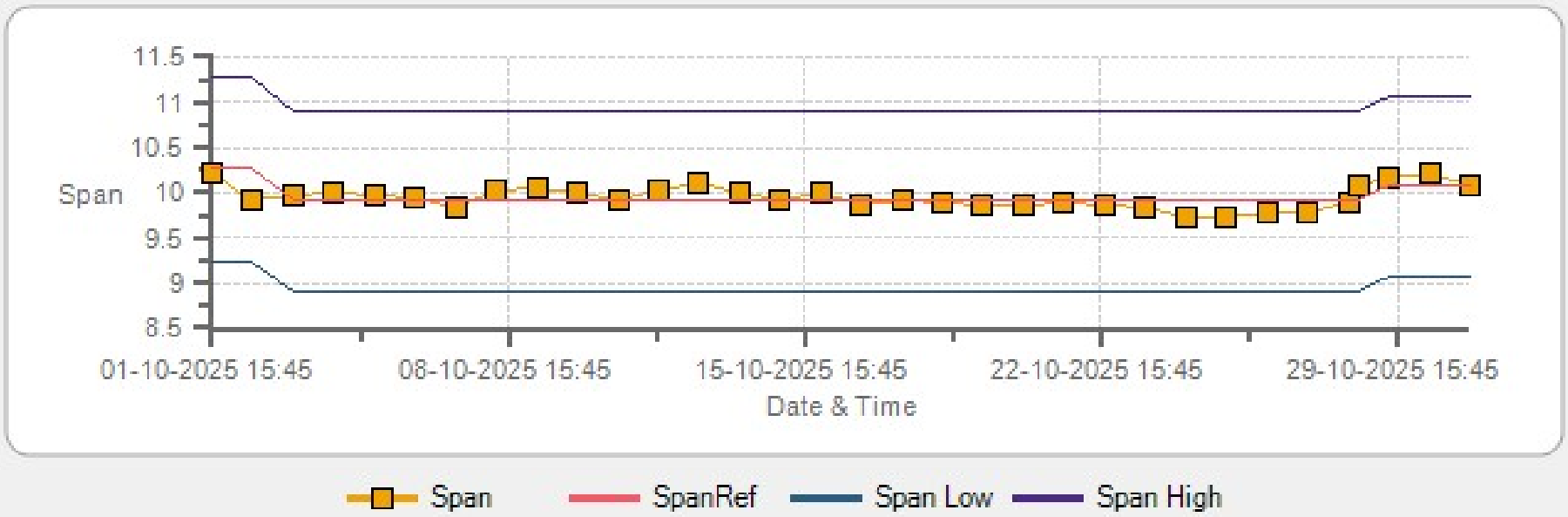
THC55[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Span



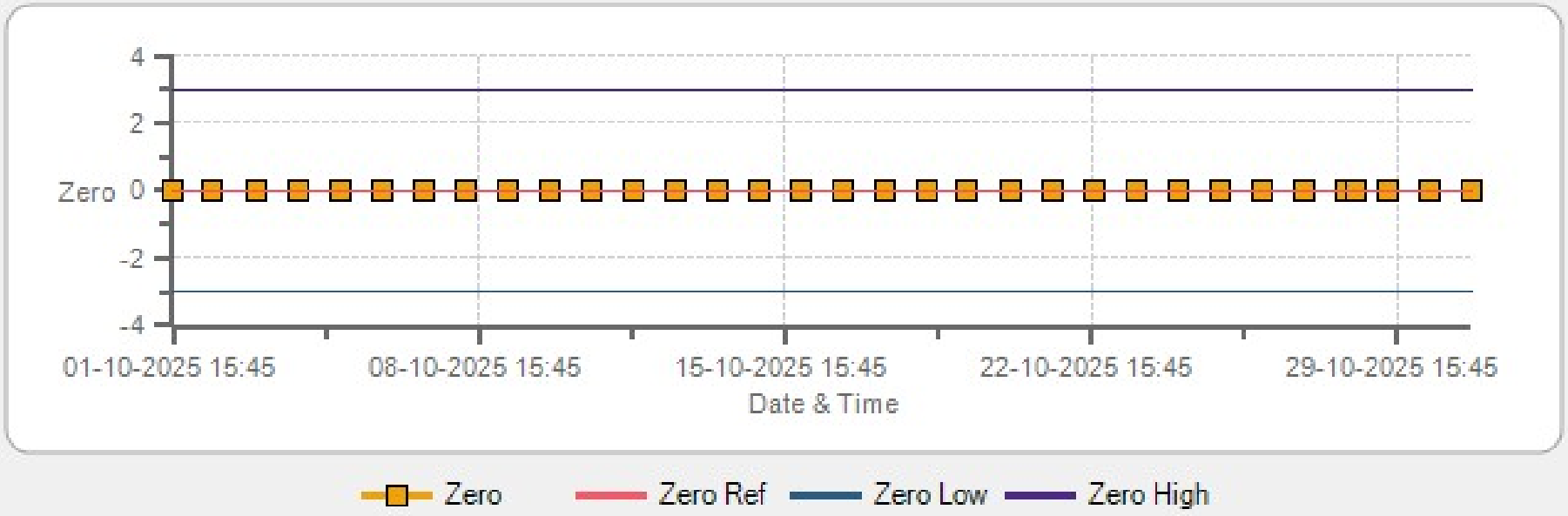
CH4[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Zero



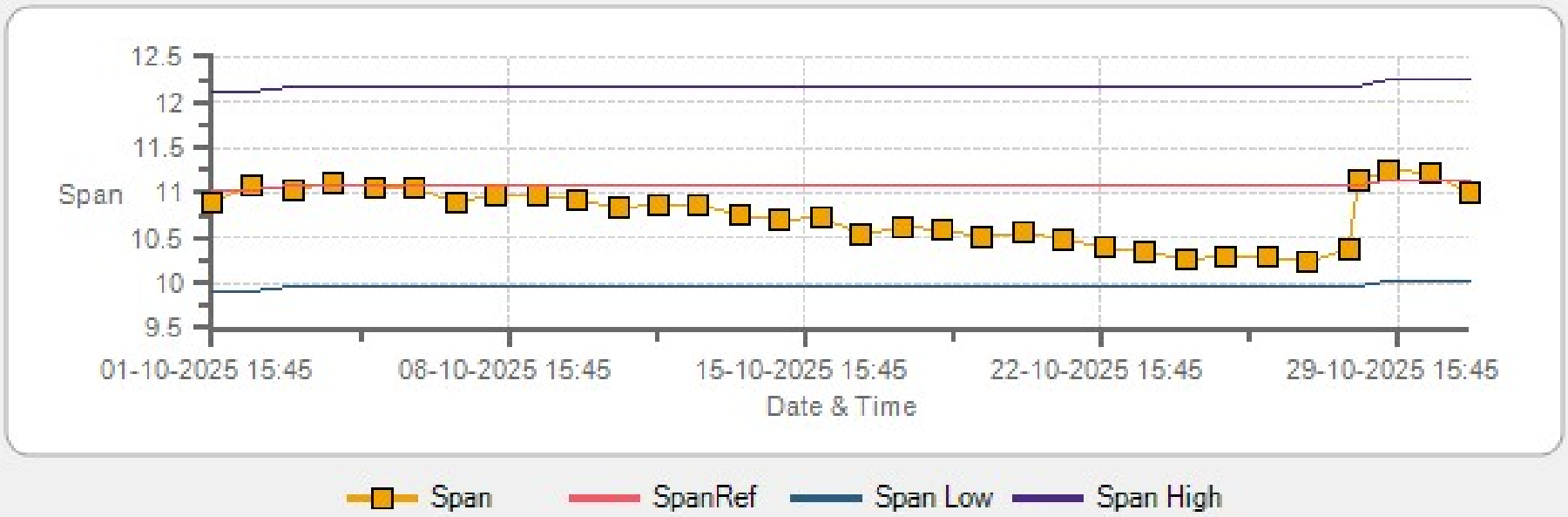
CH4[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Span



NMHC[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Zero



NMHC[ppm] Calibration: PRAMP 842-B Monthly: 10-2025 Type: SpanAndZero - Span



MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution

DATE:	02-Oct-2025	PREVIOUS CALIBRATION DATE:	18-Sep-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	23.1
LOCATION:	842b	BAROMETRIC (mBar):	939
PURPOSE	Routine	START TIME (MST):	10:00
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:33

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500	ppb
SERIAL #	1200736629	FLOW (mL/min)	426	
INITIAL		FINAL		
BKG/OFFSET	9.3	BKG/OFFSET	9.3	
COEF/SLOPE	1.099	COEF/SLOPE	1.103	
Expected (reference) Value	234.1	Expected (reference) Value	236.8	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	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):	600	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:

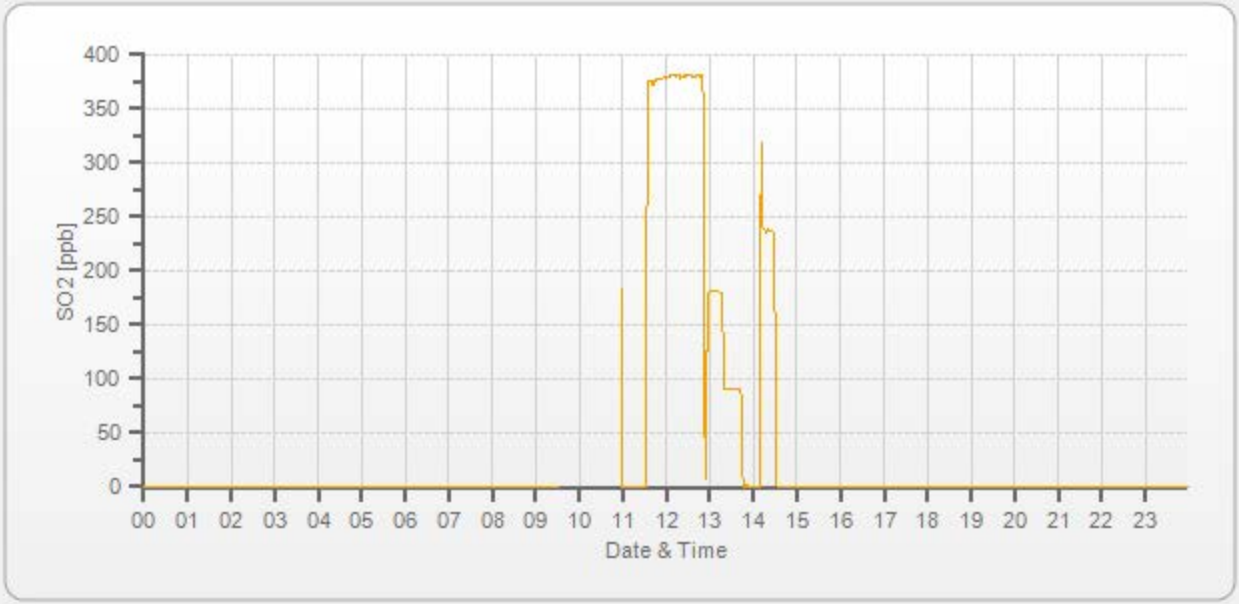
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	0	0		
3940	60.60	4001	380.17	375.3	380.5	1.013	0.999
3970	28.70	3999	180.14	n/a	180.8	n/a	0.996
3986	14.40	4000	90.36	n/a	90.2	n/a	1.002

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.001	0.0%

COMMENTS:

Sample Filter Changed
12:52- User error


SO2[ppb] Station: PRAMP 842-B Daily: 2025-10-02 Type: AVG 1 Min. [1 Min.]
SO2 [ppb]
400
350
300
250
200
150
100
50
0
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
SO2 [ppb]

TRS Analyzer Calibration by Dilution

DATE:	02-Oct-2025	PREVIOUS CALIBRATION DATE:	18-Sep-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	23.1
LOCATION:	842b	BAROMETRIC (mBar):	939
PURPOSE	Routine	START TIME (MST):	10:00
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:33

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100	ppb
SERIAL #	1200736630	FLOW (mL/min)	377	
INITIAL		FINAL		
BKG/OFFSET	16.2	BKG/OFFSET	16.3	
COEF/SLOPE	0.925	COEF/SLOPE	0.928	
Expected (reference) Value	47.5	Expected (reference) Value	48.2	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	900	LOW ID	n/a
EXPIRY DATE	29-Sep-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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	-0.1	0		
3969	32.20	4001	78.07	77.7	78.54	1.003	0.994
3983	15.70	3999	38.08	n/a	37.85	n/a	1.006
3992	7.80	4000	18.92	n/a	18.82	n/a	1.005

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.006	-0.2%

COMMENTS:

TRS Converter CDNOVA CDN #552
12:52- User error

TRS[ppb] Station: PRAMP 842-B Daily: 2025-10-02 Type: AVG 1 Min. [1 Min.]
TRS [ppb]
80
70
60
50
40
30
20
10
0
-10
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
TRS [ppb]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	02-Oct-2025	PREVIOUS CALIBRATION DATE:	18-Sep-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	23.1
LOCATION:	842b	BAROMETRIC (mBar):	939
PURPOSE	Routine	START TIME (MST):	10:00
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	13:36

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	12208316589	1088
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	1.001	0.998	0.999

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	08-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	10.26	11.02	21.28		9.91	11.07	20.99

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3499		3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3444	56.70	3501	14.71	13.32	28.02	14.27	12.94	27.20	14.73	13.34	28.07	1.031	1.029	1.030	0.998	0.998	0.998
3472	28.30	3500	7.34	6.65	13.99	n/a	n/a	n/a	7.37	6.69	14.06	n/a	n/a	n/a	0.996	0.994	0.995
3487	14.20	3501	3.68	3.34	7.02	n/a	n/a	n/a	3.66	3.34	7.00	n/a	n/a	n/a	1.006	0.999	1.003

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.002	0.0%
NMHC	1.000	1.002	0.0%
THC	1.000	1.002	0.0%

Comments:

Sample filter changed

Station: PRAMP 842-B Daily: 2025-10-02 Type: AVG 1 Min. [1 Min.]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	28-Oct-2025	PREVIOUS CALIBRATION DATE:	02-Oct-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	842b	BAROMETRIC (mBar):	947
PURPOSE	Repeat	START TIME (MST):	13:25
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	17:32

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	12208316589	1131
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	0.998	0.998	0.998

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	08-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	9.91	11.07	20.99		10.07	11.14	21.22

CALIBRATION:

FLOW RATE (mL/min)			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3499		3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3444	56.60	3501	14.68	13.29	27.97	14.47	12.42	26.89	14.70	13.34	28.04	1.014	1.070	1.040	0.999	0.996	0.998
3472	28.30	3500	7.34	6.65	13.99	n/a	n/a	n/a	7.38	6.65	14.03	n/a	n/a	n/a	0.995	1.000	0.997
3487	14.20	3501	3.68	3.34	7.02	n/a	n/a	n/a	3.70	3.31	7.00	n/a	n/a	n/a	0.995	1.008	1.003

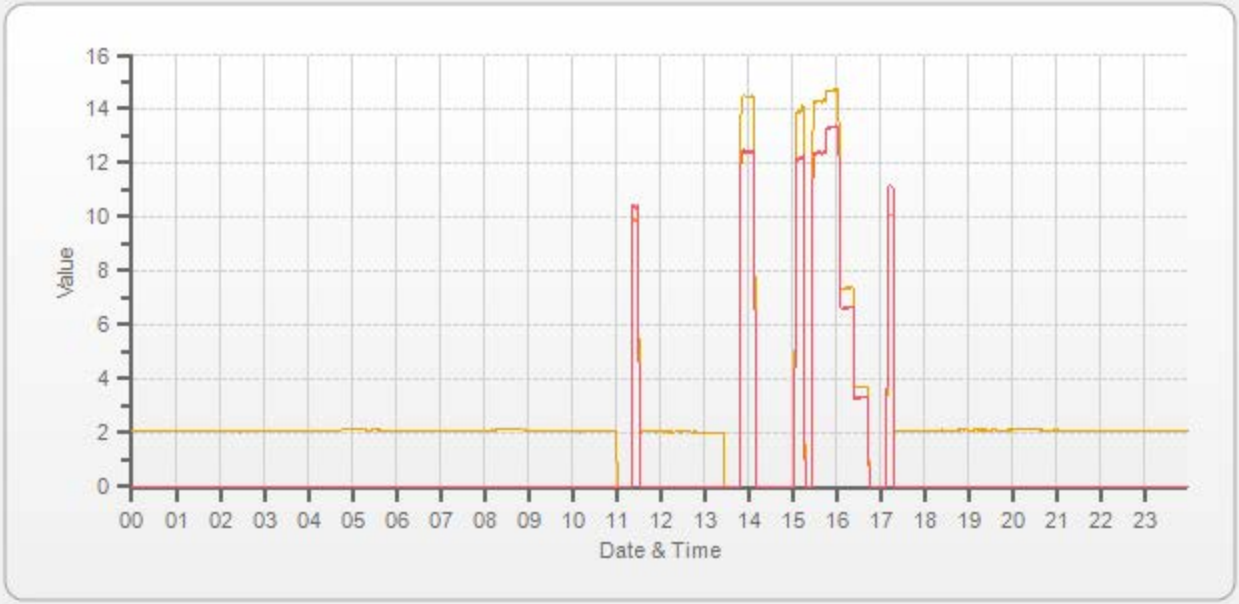
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.001	0.1%
NMHC	1.000	1.004	-0.1%
THC	1.000	1.003	0.0%

Comments:

As found started again to get more stability
H2 Dessicant renewed

Station: PRAMP 842-B Daily: 2025-10-28 Type: AVG 1 Min. [1 Min.]



Meteorological System Checklist

Date:	October 2, 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

PRECIPITATION SENSOR CHECK

Checklist:	**Reply:**	**Comments:**
Previous check date:	September 18, 2025	
Is the sensor Level?	yes	
Is the heater operating properly?	yes	
Are the bucket drain holes clean?	yes	test time-13:18-13:35
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:	September 18, 2025
Parameter:	Temperature @ 2 metres
Reference Thermometer ID:	Traceable 230557117 expires July 02, 2026
Reference Temperature (^{o}C):	13.0
Station - Ambient Temperature (^{o}C):	13.3
Temperature Difference (^{o}C):	-0.3

BAROMETRIC PRESSURE SENSOR CHECK

Previous check date:	September 18, 2025	
Reference Barometer ID:	Brunton 05490 Expires June 27, 2026	
Reference Pressure - Units/Reading:	millibar	939.1
Station Pressure - Units/Reading:	millibar	938.6
Pressure Tolerance +/- 15% of error:	798 - 1080	0.05%

RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK

Previous check date:	September 18, 2025	
Reference Hygrometer ID:	Traceable 230557117 expires July 02, 2026	
Reference Hygrometer % RH- Reading:	66.50	
Station Hygrometer % RH- Reading:	67.10	
RH Tolerance +/- 15% of difference:	56.53 - 76.48	-0.9%

ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK

WIND SPEED		WIND DIRECTION	
Wind Speed Observed (kph):	10~20	Wind Direction Observed:	S
Wind speed on Data Logger (kph):	13.8	Wind Direction on Data Logger:	S
		Wind Direction Pass/Fail?:	Pass

Comments

Meteorological System Checklist

Date:	October 28, 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

PRECIPITATION SENSOR CHECK

Checklist:	**Reply:**	**Comments:**
Previous check date:	October 2, 2025	
Is the sensor Level?	yes	
Is the heater operating properly?	yes	
Are the bucket drain holes clean?	yes	test time-13:55-15:30
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

Comments

Found blockage. Cleaned guage.

Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	**Performed By:**	Kevin Sebastian
Audit Location:	842b	**Reviewed By:**	Limin Li
Audit Date:	September 18, 2025	**Start/End Time (mst):**	11:08/13:09
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 22, 2024	**Direction Unit Output Range:**	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18801 id# R9133 expires Dec 23, 2026

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	36.8	36.7	1.003
3000	55.3	55.2	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	110.4	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	165.7	1.001
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	0	354	0.0	1.0	0.5
30	330	29	331	1.0	-1.0	1.0
60	300	59	301	1.0	-1.0	1.0
90	270	89	271	1.0	-1.0	1.0
120	240	119	241	1.0	-1.0	1.0
150	210	150	211	0.0	-1.0	0.5
180	180	180	181	0.0	-1.0	0.5
210	150	212	150	-2.0	0.0	1.0
240	120	240	121	0.0	-1.0	0.5
270	90	271	90	-1.0	0.0	0.5
300	60	300	59	0.0	1.0	0.5
330	30	329	30	1.0	0.0	0.5
355	0	354	0	1.0	0.0	0.5
The audit meets AMD requirements.			**Average Absolute Degrees Difference=**			**0.7**

Comments:

Declination = 15 deg East

END OF REPORT

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring Calibration Report

- 986-C STATION-

CAL-PRAMP-202510-01562

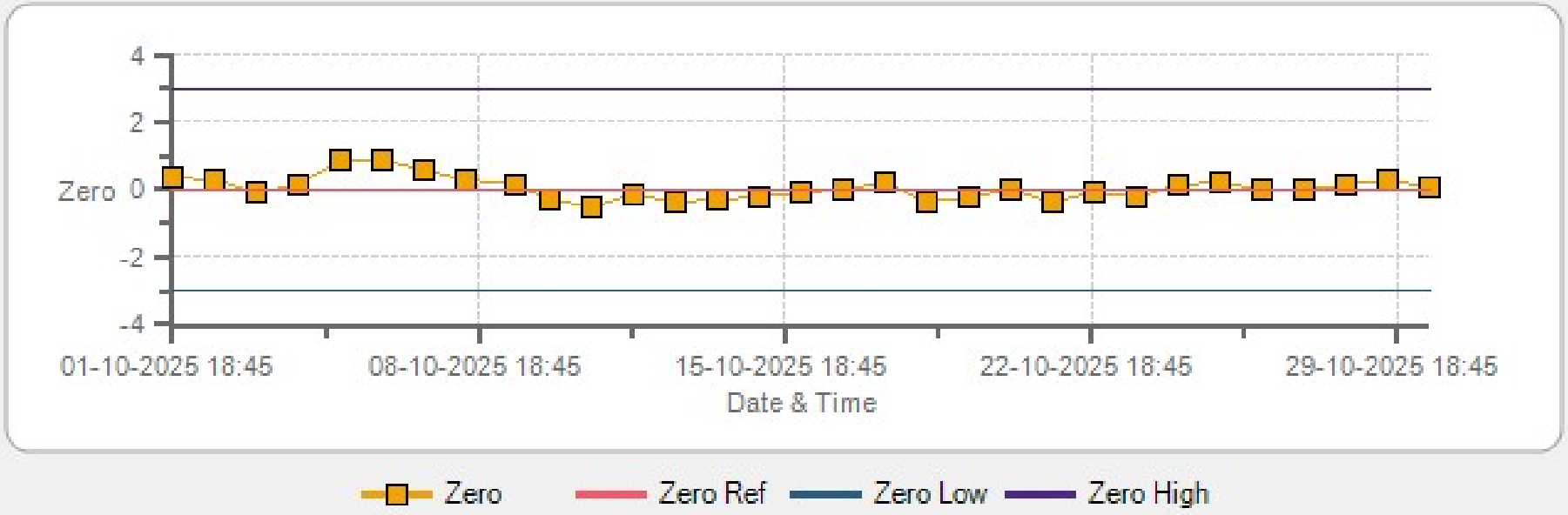
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

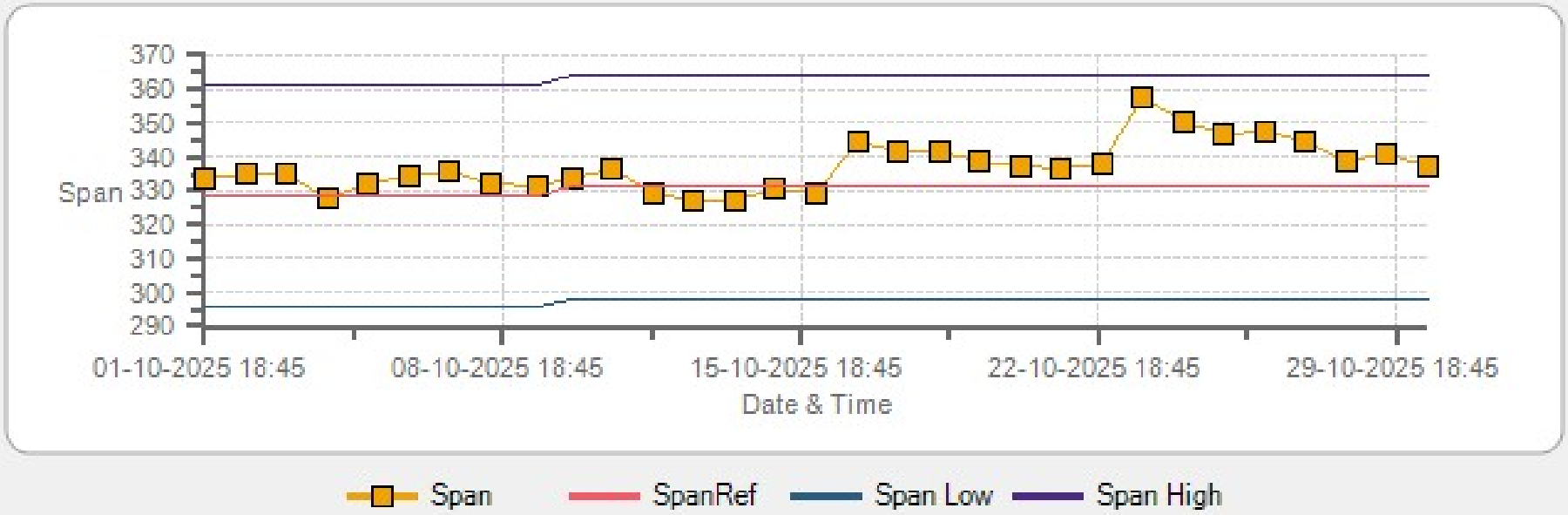
November 13, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

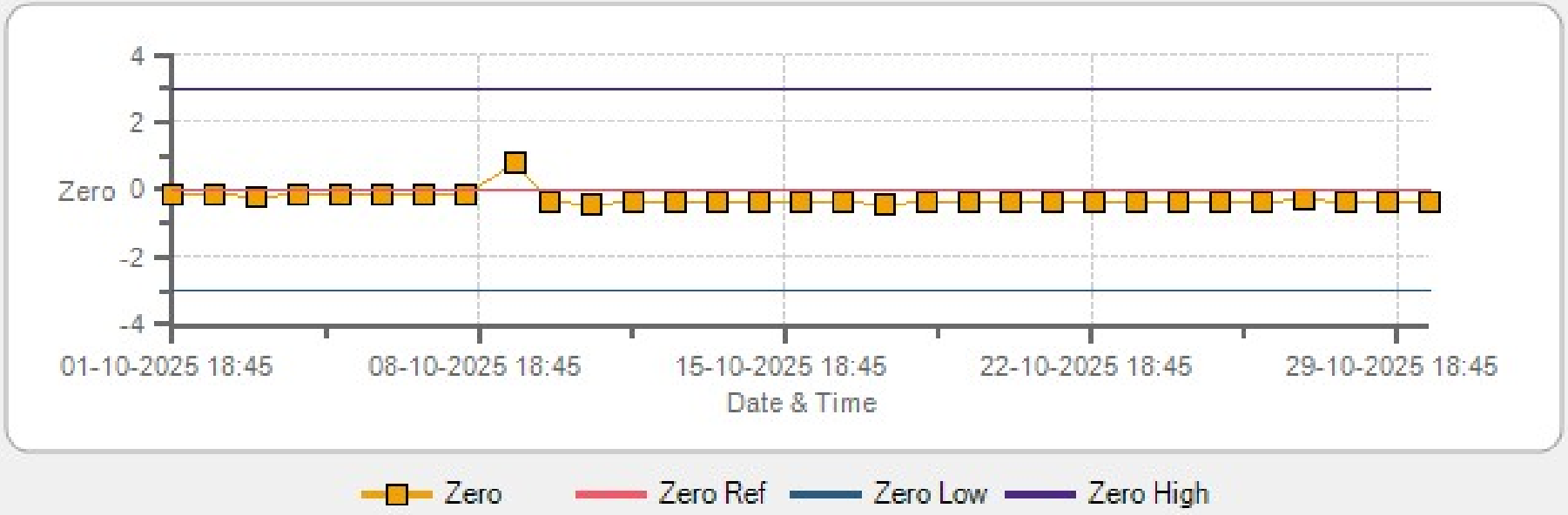
SO2[ppb] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Zero



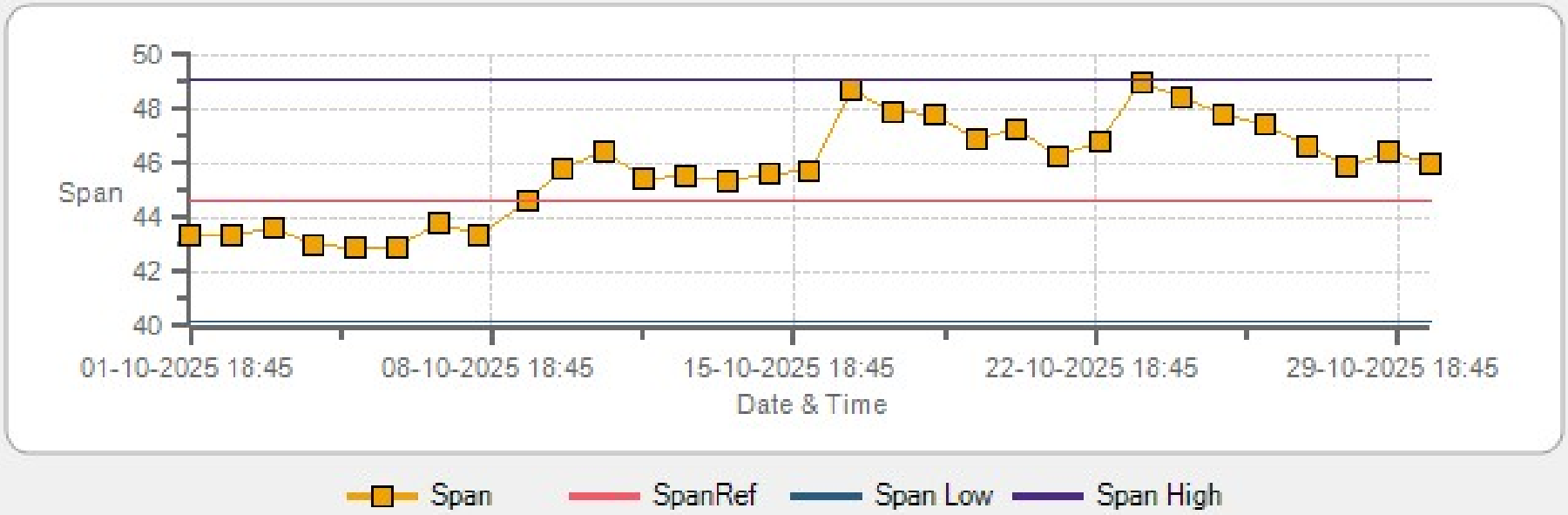
SO2[ppb] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Span



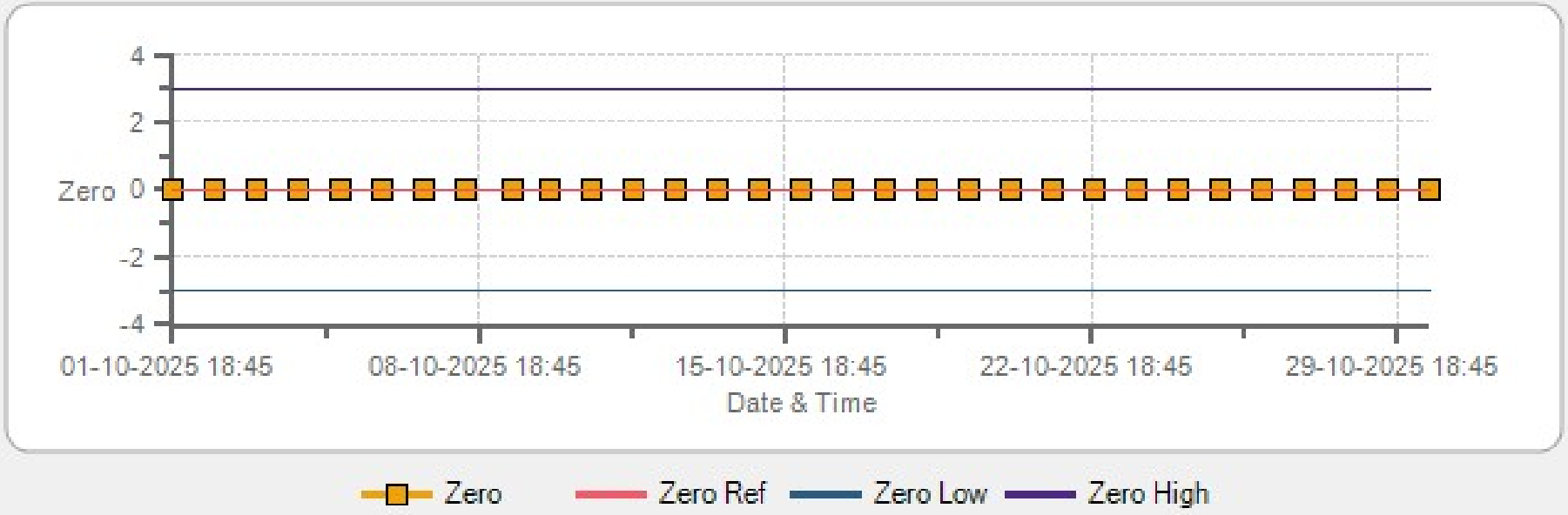
TRS[ppb] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Zero



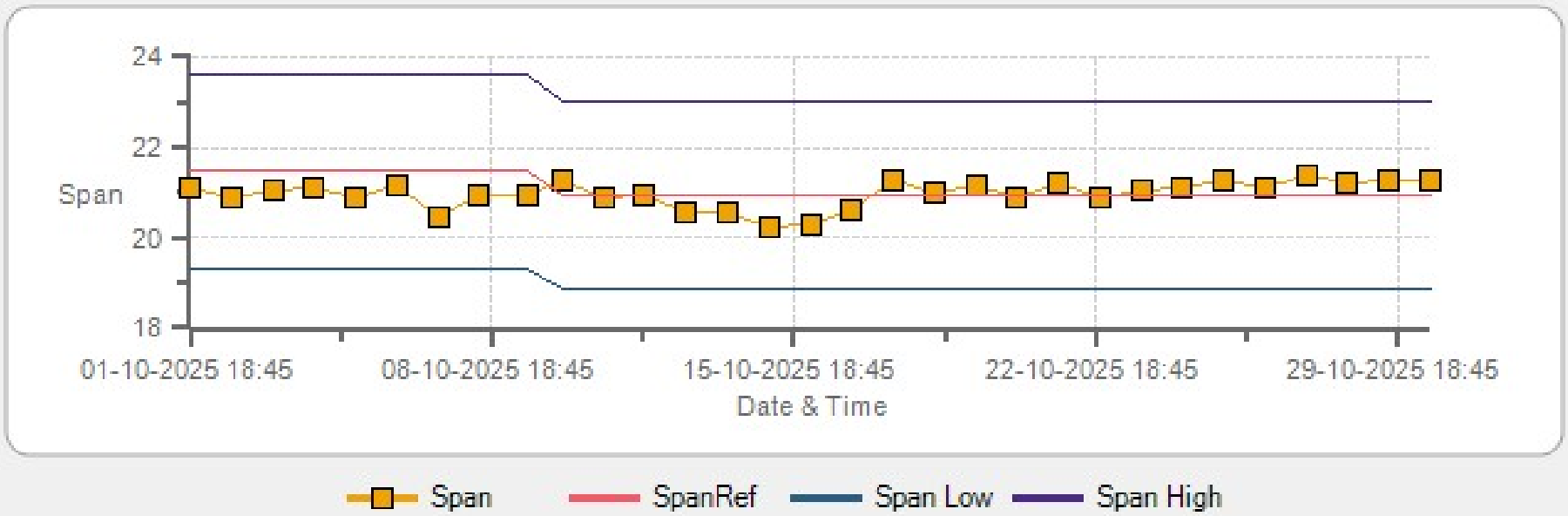
TRS[ppb] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Span



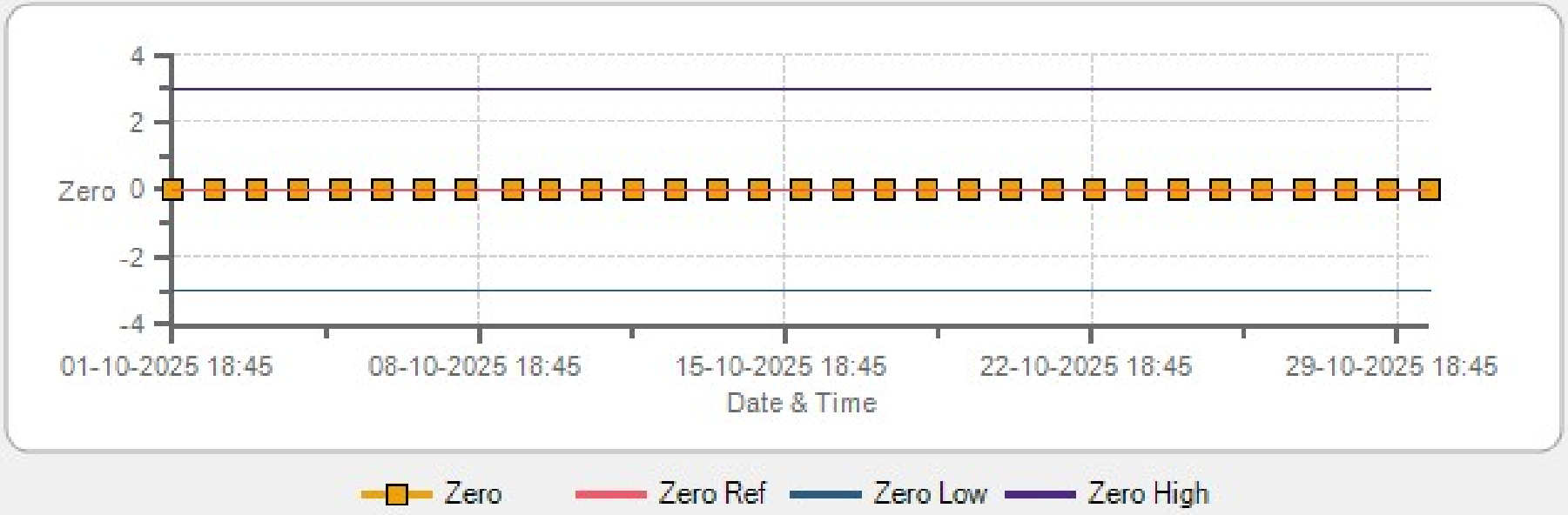
THC55[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Zero



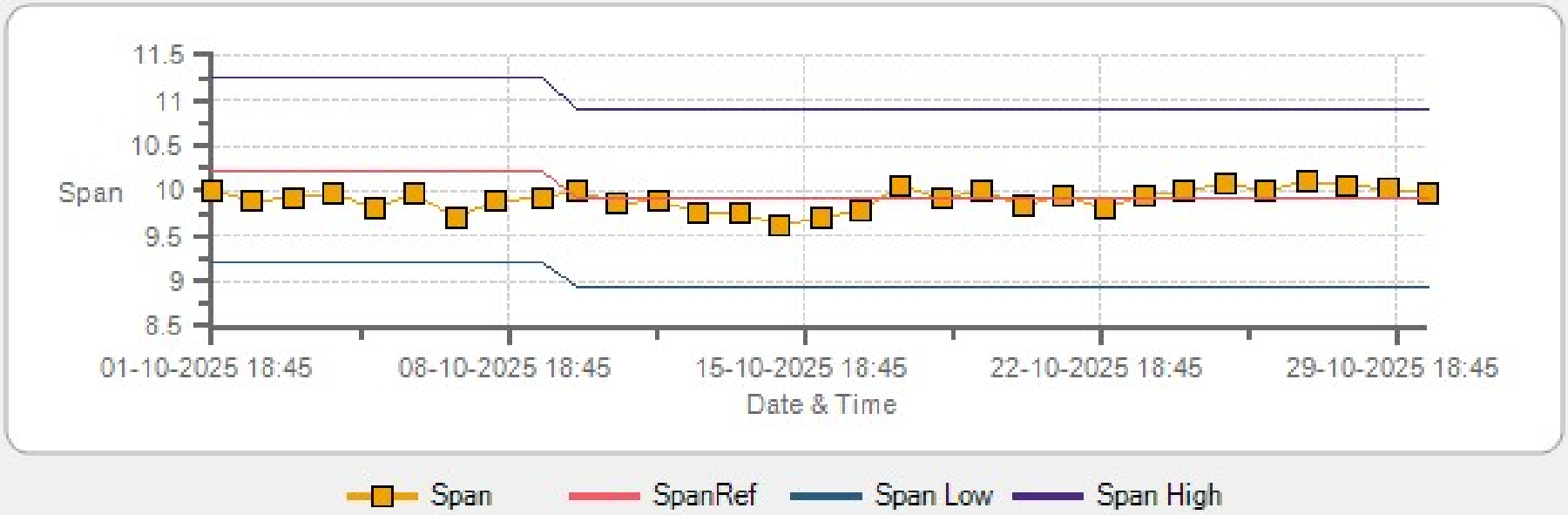
THC55[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Span



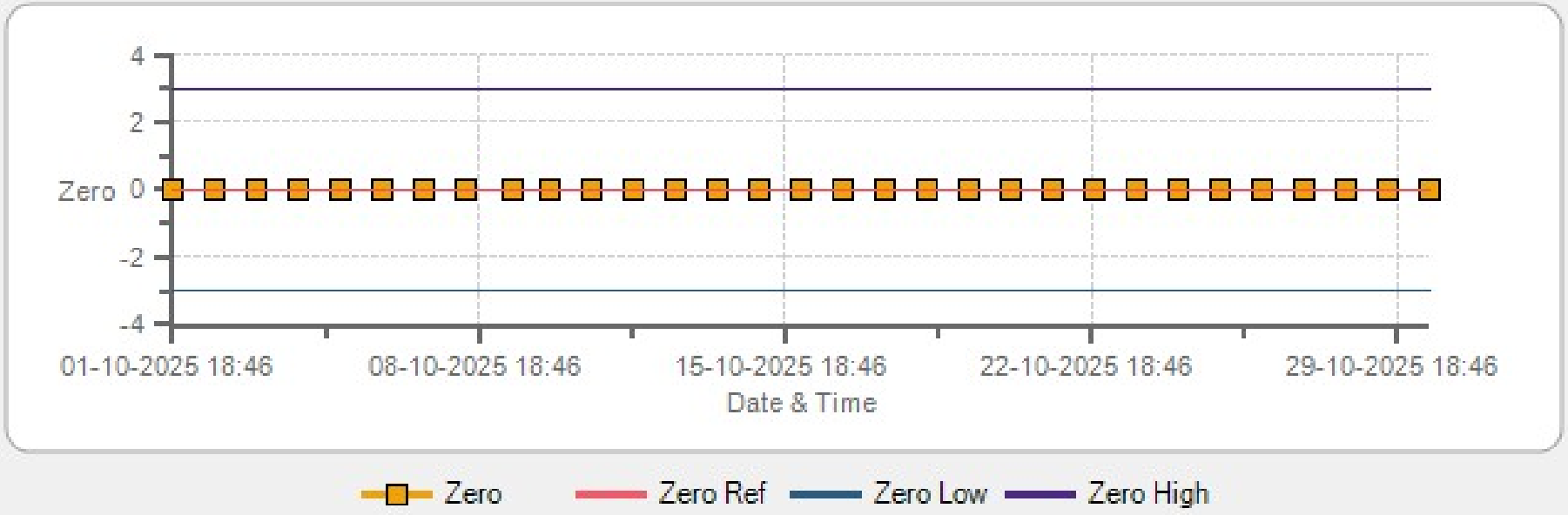
CH4[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Zero



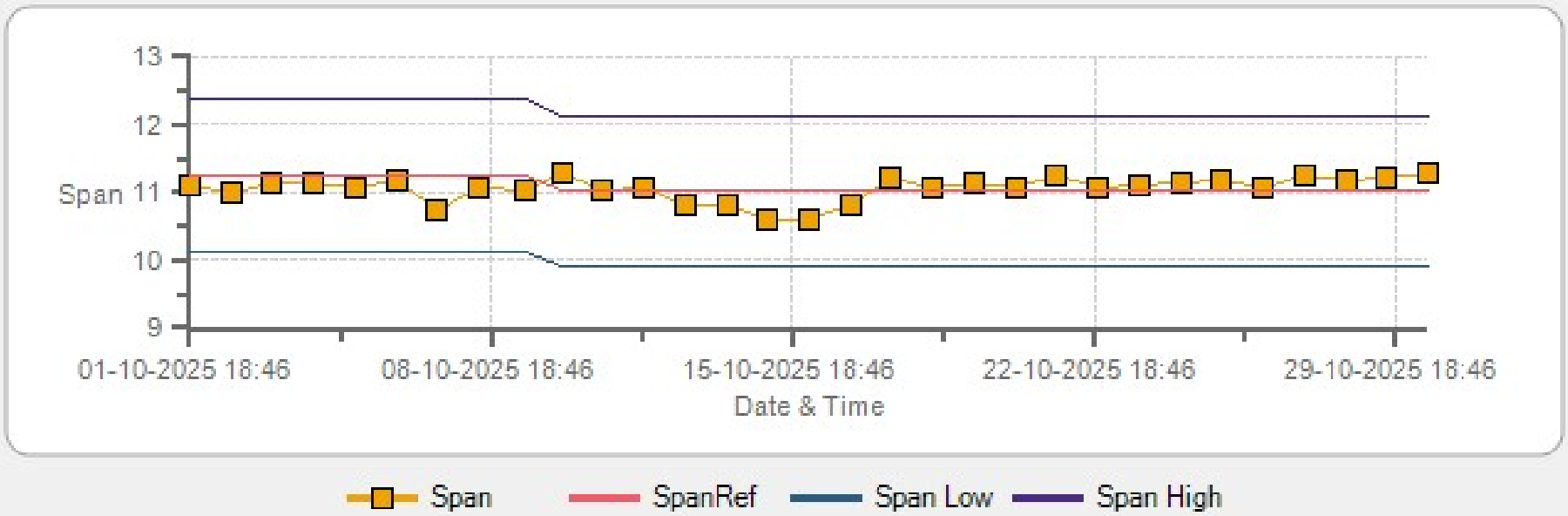
CH4[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Span



NMHC[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Zero



NMHC[ppm] Calibration: PRAMP 986-C Monthly: 10-2025 Type: SpanAndZero - Span



MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution

DATE:	09-Oct-2025	PREVIOUS CALIBRATION DATE:	10-Sep-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	1.002
CLIENT:	PRAMP	TEMPERATURE (°C):	23.8
LOCATION:	986C	BAROMETRIC (mBar):	946
PURPOSE	Routine	START TIME (MST):	10:07
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:53

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500 ppb
SERIAL #	1193585646	FLOW (mL/min)	433
INITIAL		FINAL	
BKG/OFFSET	22.4	BKG/OFFSET	22.9
COEF/SLOPE	1.023	COEF/SLOPE	1.027
Expected (reference) Value	328.6	Expected (reference) Value	331.1

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	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):	600	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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	0.3	0		
3940	60.60	4001	380.17	376.7	380.8	1.010	0.998
3971	28.70	4000	180.09	n/a	182	n/a	0.990
3987	14.40	4001	90.34	n/a	90.3	n/a	1.000

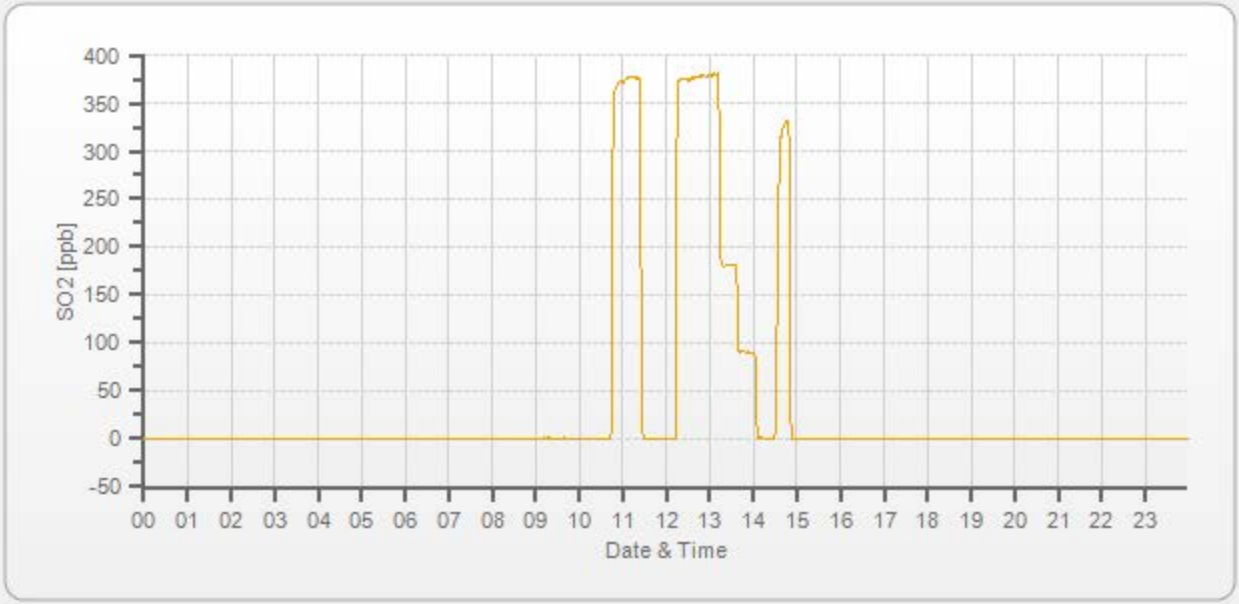
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.002	0.1%

COMMENTS:

Sample Filter Changed

SO2[ppb] Station: PRAMP 986-C Daily: 2025-10-09 Type: AVG 1 Min. [1 Min.]



TRS Analyzer Calibration by Dilution

DATE:	09-Oct-2025	PREVIOUS CALIBRATION DATE:	10-Sep-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	1.002
CLIENT:	PRAMP	TEMPERATURE (°C):	23.8
LOCATION:	986C	BAROMETRIC (mBar):	946
PURPOSE	Routine	START TIME (MST):	10:07
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:54

ANALYZER:

MAKE/MODEL	Thermo 43i-TLE	RANGE	100	ppb
SERIAL #	1152940011	FLOW (mL/min)	477	
INITIAL		FINAL		
BKG/OFFSET	2	BKG/OFFSET	2.35	
COEF/SLOPE	1.037	COEF/SLOPE	1.102	
Expected (reference) Value	44.66	Expected (reference) Value	44.63	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	1000	LOW ID	n/a
EXPIRY DATE	29-Sep-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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	-0.1	0		
3969	32.20	4001	78.07	74.67	78.11	1.044	0.999
3984	15.70	4000	38.07	n/a	38.14	n/a	0.998
3993	7.80	4001	18.91	n/a	19.38	n/a	0.976

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.999	0.2%

COMMENTS:

Sample Filter Changed
TRS Converter CDNOVA CDN101 #530
11:00- Regulator flushed to check analyser response

TRS[ppb] Station: PRAMP 986-C Daily: 2025-10-09 Type: AVG 1 Min. [1 Min.]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	09-Oct-2025	PREVIOUS CALIBRATION DATE:	10-Sep-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	23.8
LOCATION:	986C	BAROMETRIC (mBar):	946
PURPOSE	Routine	START TIME (MST):	10:07
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:01

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	1191032505	1080
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	0.996	0.996	0.996

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	10.23	11.25	21.48		9.92	11.03	20.95

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3499		3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3444	56.60	3501	14.68	13.29	27.97	14.65	13.27	27.91	14.66	13.27	27.94	1.002	1.002	1.002	1.001	1.002	1.001
3473	28.30	3501	7.34	6.65	13.99	n/a	n/a	n/a	7.30	6.57	13.88	n/a	n/a	n/a	1.005	1.012	1.008
3487	14.20	3501	3.68	3.34	7.02	n/a	n/a	n/a	3.63	3.19	6.82	n/a	n/a	n/a	1.015	1.045	1.029

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.000	-0.1%
NMHC	1.000	1.001	-0.3%
THC	1.000	1.001	-0.2%

Comments:

Sample Filter Changed

Station: PRAMP 986-C Daily: 2025-10-09 Type: AVG 1 Min. [1 Min.]

Meteorological System Checklist

Date:	October 9, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP 986c		
Unit:	**Make:**	**Model:**	**Serial #:**
Precipitation Sampler:	RM Young	52202	TB 16325
Temperature Sensor:	Rotronic	HC2A-S3	20370767
Barometric Pressure Sensor:	MetOne	092	Y23358
Relative Humidity Sensor:	Rotronic	HC2A-S3	20370767
Anemometer:	RM Young	05305AQ	180340

PRECIPITATION SENSOR CHECK

Checklist:	**Reply:**	**Comments:**
Previous check date:	September 10, 2025	Tested:14:04-14:05
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:	September 10, 2025
Parameter:	Temperature @ 2 metres
Reference Thermometer ID:	Traceable 230557117 expires July 02, 2026
Reference Temperature (^{o}C):	14.7
Station - Ambient Temperature (^{o}C):	14.2
Temperature Difference (^{o}C):	0.5

BAROMETRIC PRESSURE SENSOR CHECK

Previous check date:	September 10, 2025	
Reference Barometer ID:	Brunton 05490 Expires June 27, 2026	
Reference Pressure - Units/Reading:	millibar	944.1
Station Pressure - Units/Reading:	millibar	944.8
Pressure Tolerance +/- 15% of error:	802 - 1086	-0.07%

RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK

Previous check date:	September 10, 2025	
Reference Hygrometer ID:	Traceable 230557117 expires July 02, 2026	
Reference Hygrometer % RH- Reading:	29.10	
Station Hygrometer % RH- Reading:	28.20	
RH Tolerance +/- 15% of difference:	24.74 - 33.47	3.1%

ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK

WIND SPEED		WIND DIRECTION	
Previous check date:	September 10, 2025	Previous check date:	September 10, 2025
Wind Speed Observed (kph):	>20	Wind Direction Observed:	W
Wind speed on Data Logger (kph):	23.8	Wind Direction on Data Logger:	W
		Wind Direction Pass/Fail?:	Pass

Comments

Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	**Performed By:**	Kevin Sebastian
Audit Location:	986C	**Reviewed By:**	Limin Li
Audit Date:	August 12, 2025	**Start/End Time (mst):**	11:03/13:52
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 22, 2024	**Direction Unit Output Range:**	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18801 id# R9133 expires Dec 23, 2026

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	0	354	0.0	1.0	0.5
30	330	31	331	-1.0	-1.0	1.0
60	300	59	300	1.0	0.0	0.5
90	270	88	270	2.0	0.0	1.0
120	240	118	238	2.0	2.0	2.0
150	210	148	210	2.0	0.0	1.0
180	180	178	177	2.0	3.0	2.5
210	150	208	149	2.0	1.0	1.5
240	120	239	119	1.0	1.0	1.0
270	90	270	90	0.0	0.0	0.0
300	60	301	51	-1.0	9.0	5.0
330	30	331	33	-1.0	-3.0	2.0
355	0	354	2	1.0	2.0	1.5
The audit meets AMD requirements.			**Average Absolute Degrees Difference=**			**1.5**

Comments:

Declination = 15 deg East
Physical inspection completed, no issues

END OF REPORT

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring Calibration Report

- RENO-B STATION-

CAL-PRAMP-202510-01563

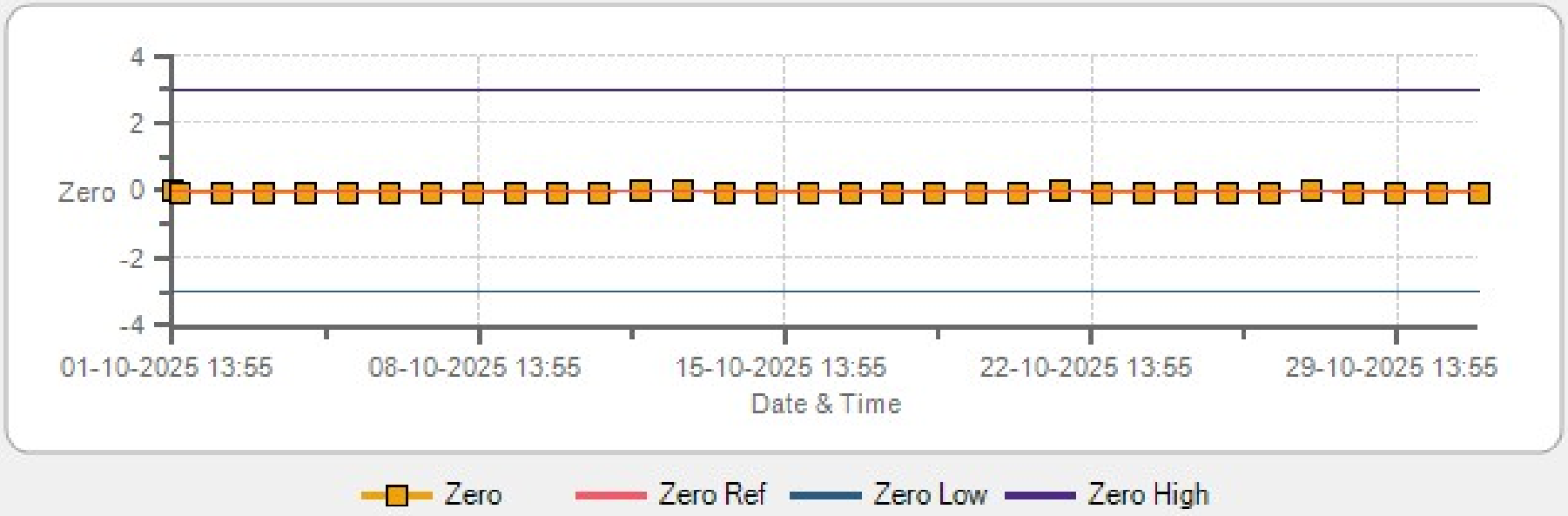
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

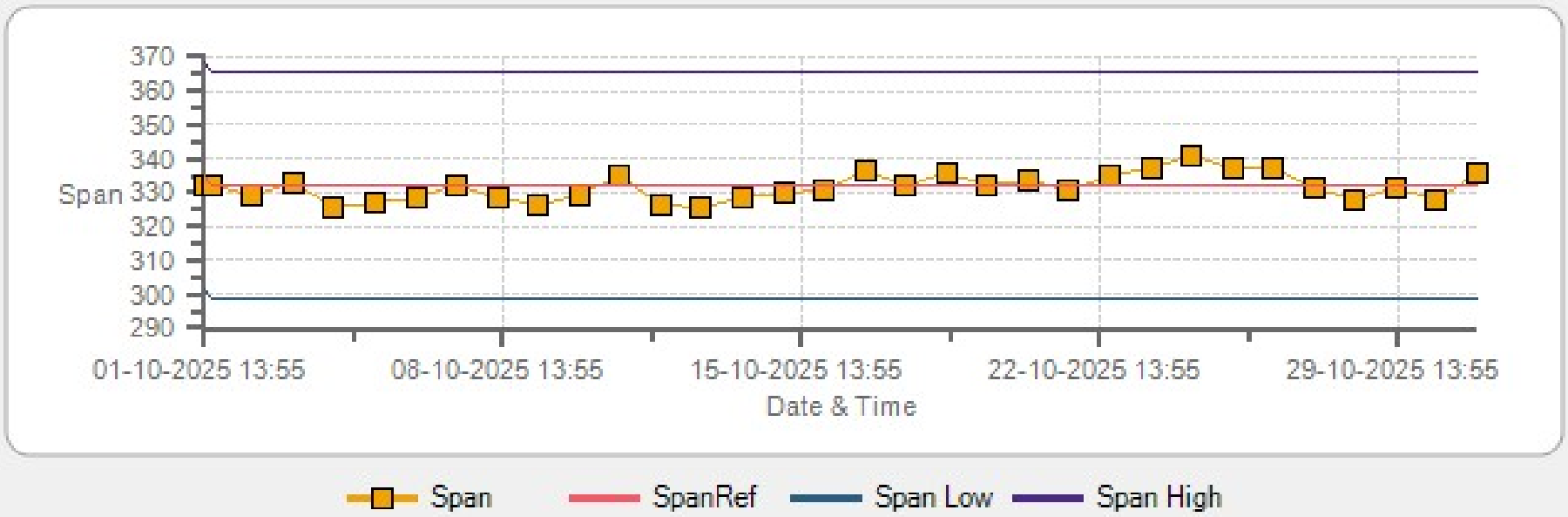
November 13, 2025

DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

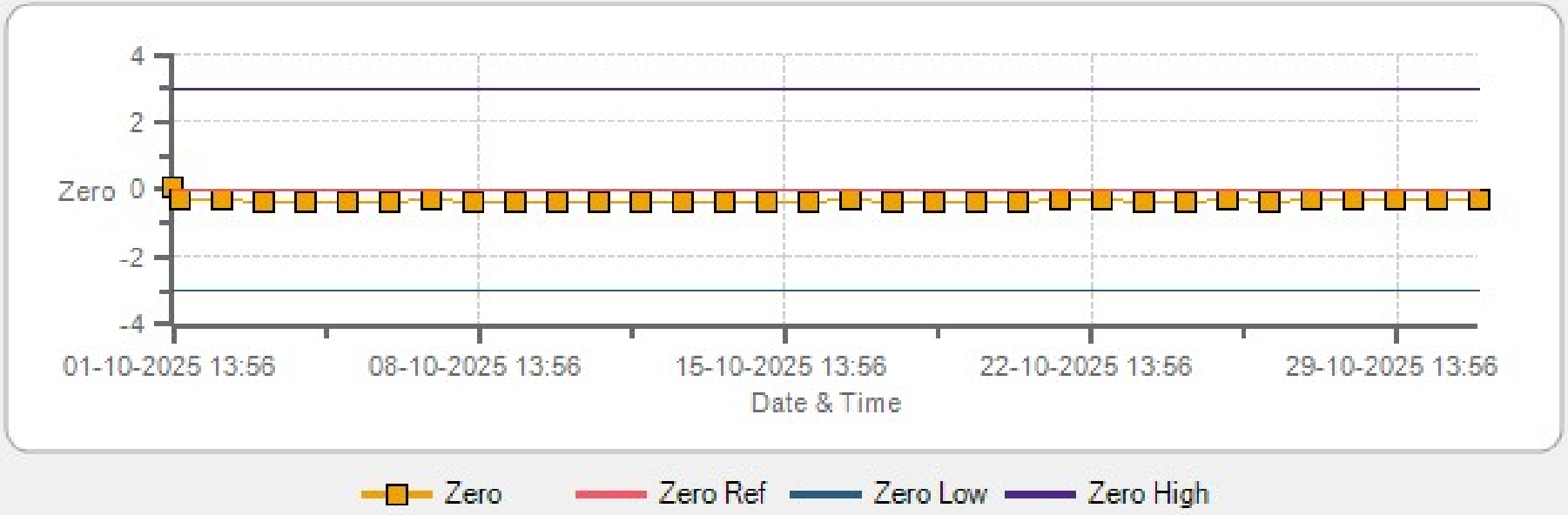
SO2[ppb] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Zero



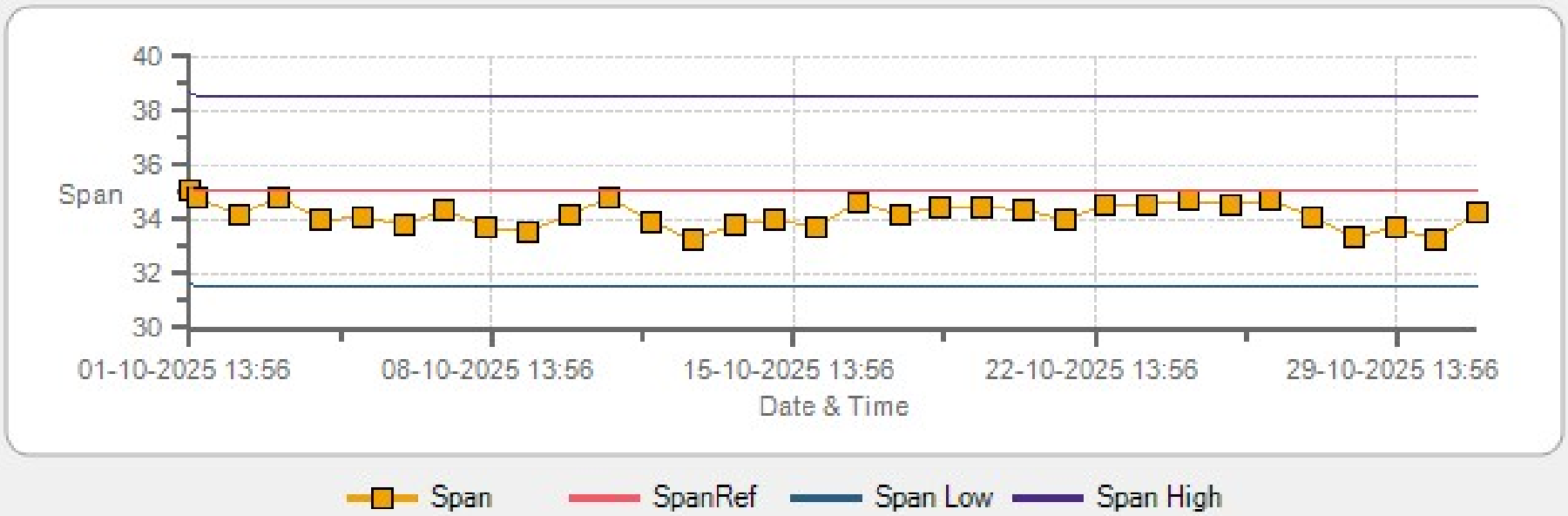
SO2[ppb] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Span



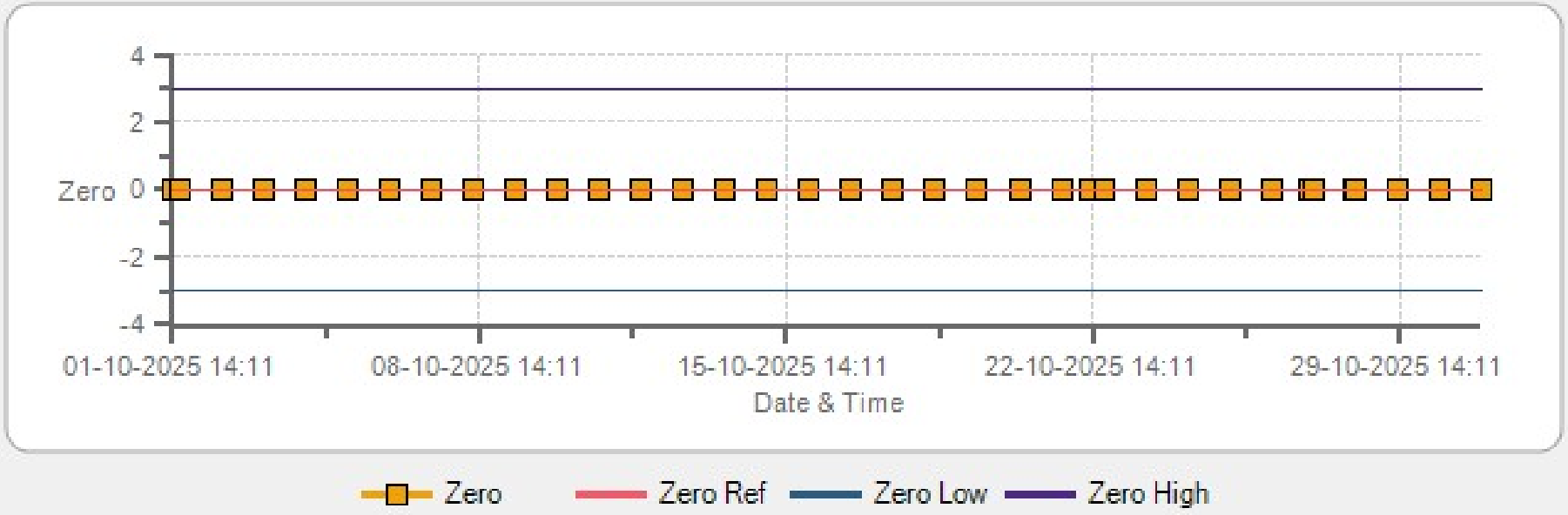
TRS[ppb] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Zero



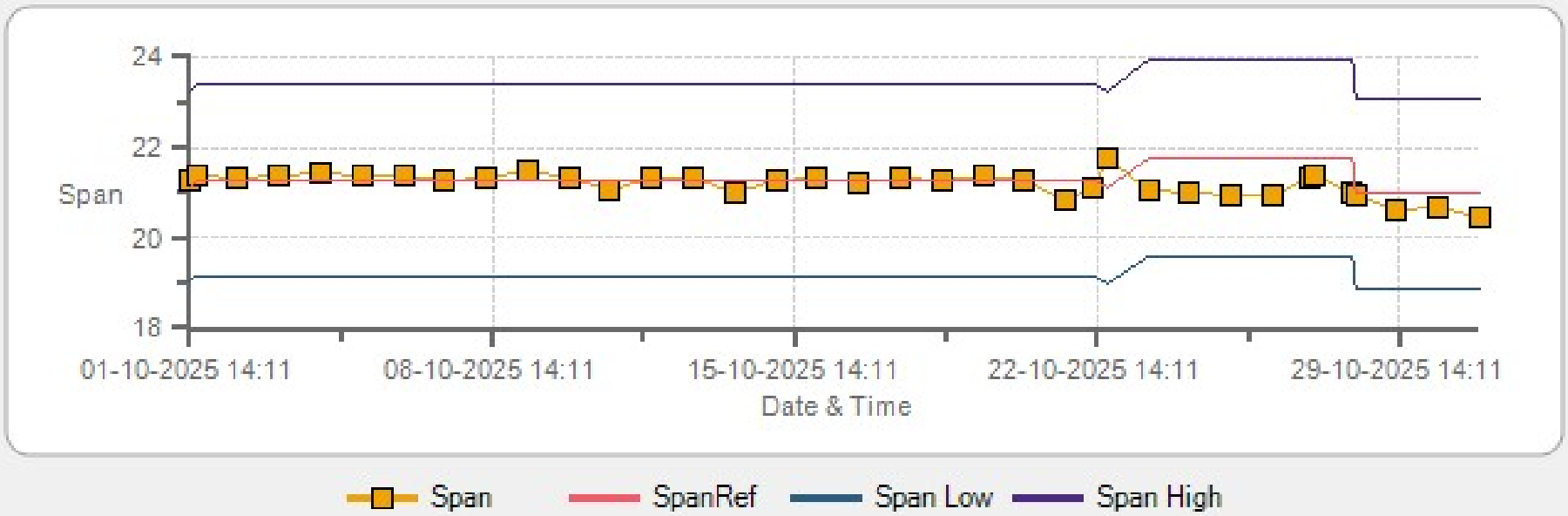
TRS[ppb] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Span



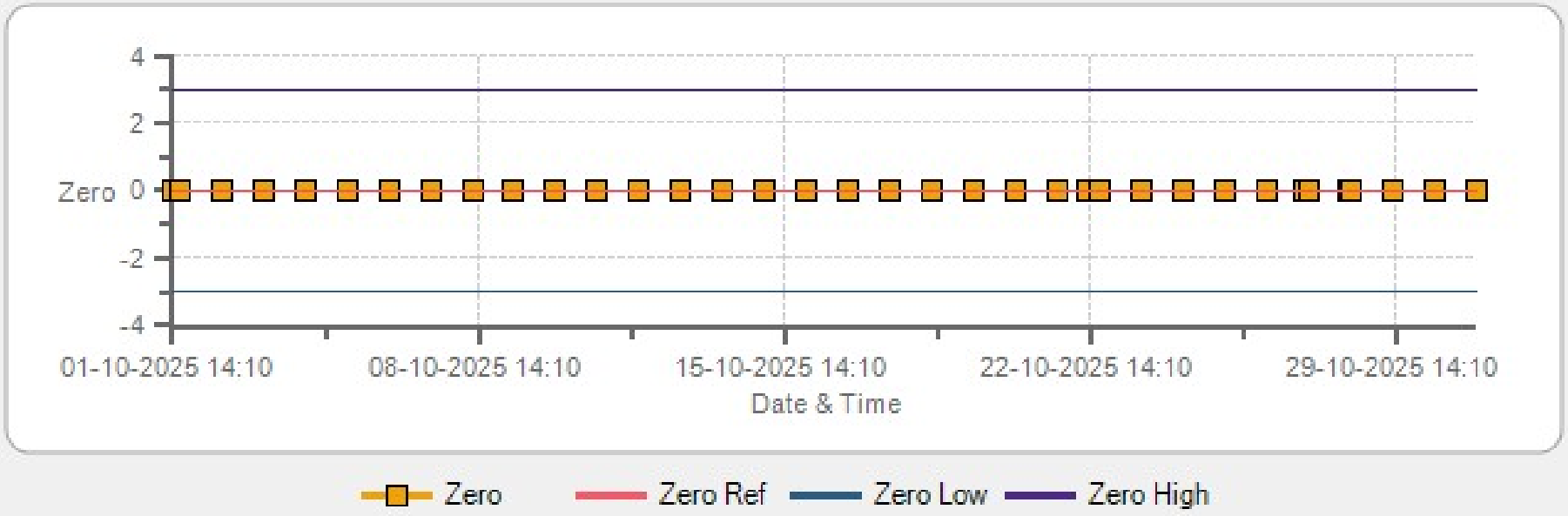
THC55[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Zero



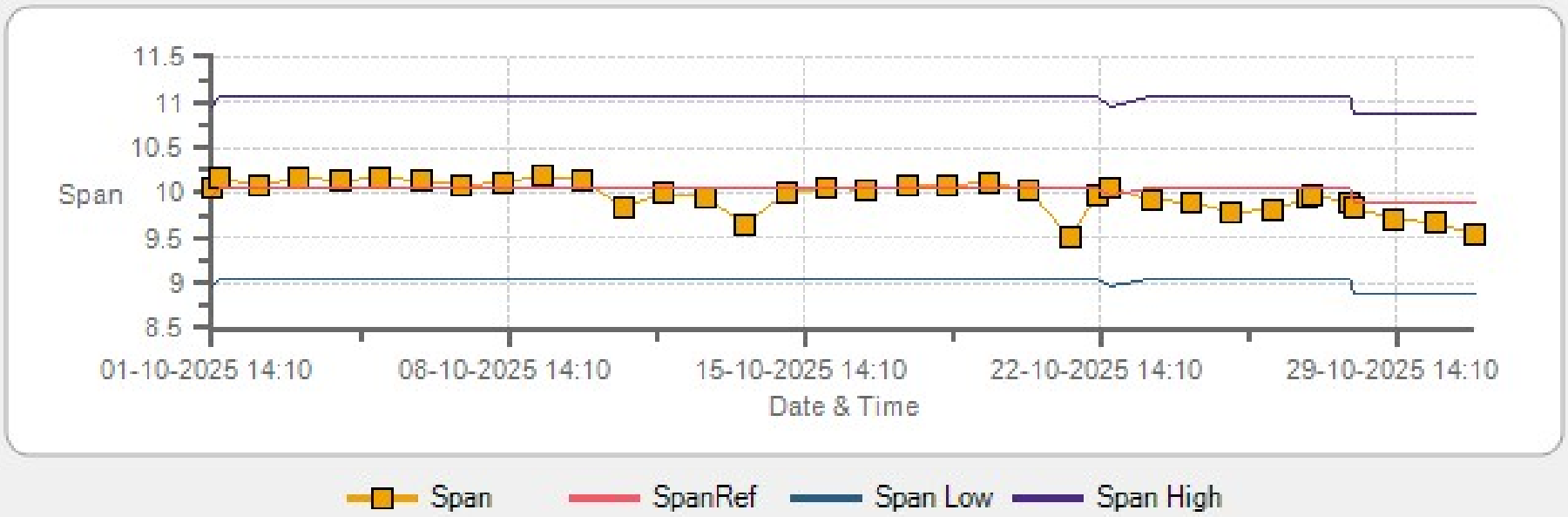
THC55[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Span



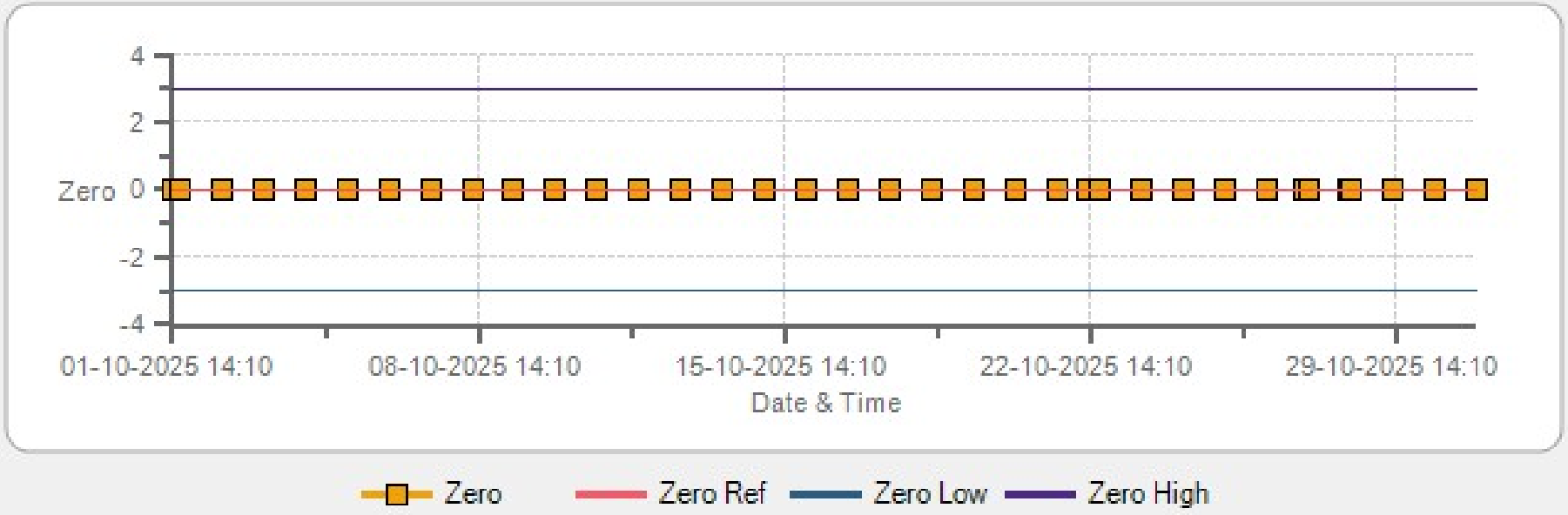
CH4[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Zero



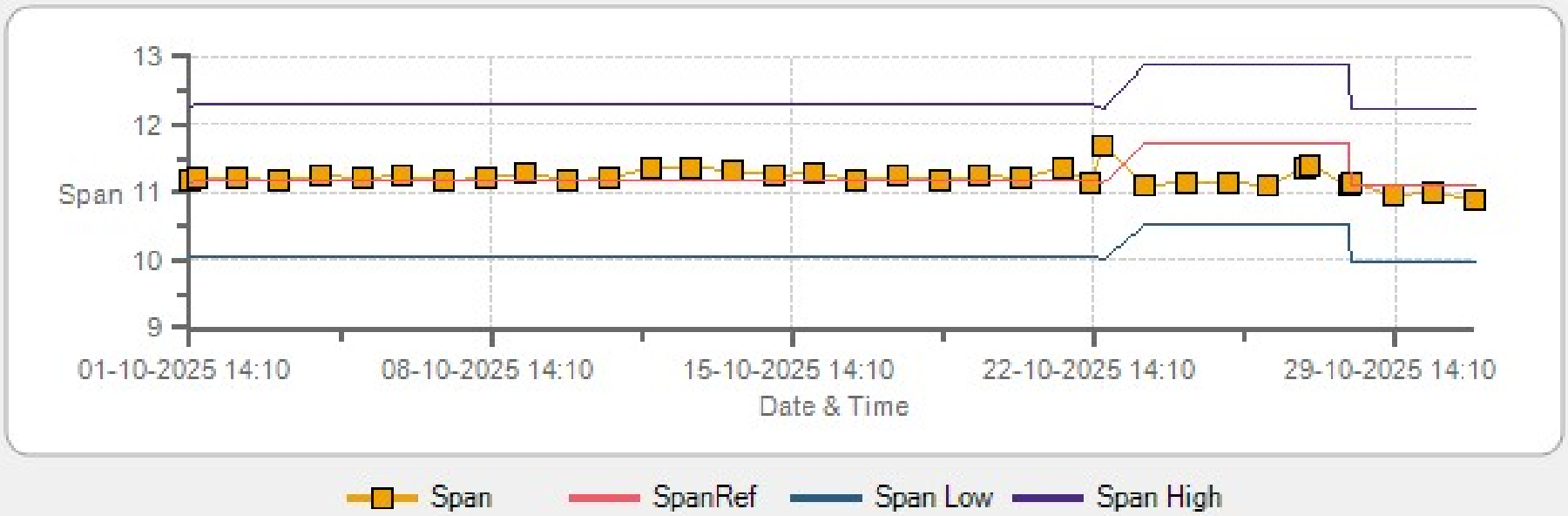
CH4[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Span



NMHC[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Zero



NMHC[ppm] Calibration: PRAMP RENO-B Monthly: 10-2025 Type: SpanAndZero - Span



MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution

DATE:	01-Oct-2025	PREVIOUS CALIBRATION DATE:	09-Sep-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.996
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Reno-B	BAROMETRIC (mBar):	933
PURPOSE	Routine	START TIME (MST):	09:51
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	13:55

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	500	ppb
SERIAL #	12101910505	FLOW (mL/min)	439	
INITIAL		FINAL		
BKG/OFFSET	1.36	BKG/OFFSET	1.34	
COEF/SLOPE	0.891	COEF/SLOPE	0.881	
Expected (reference) Value	334.8	Expected (reference) Value	332.1	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	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):	600	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:

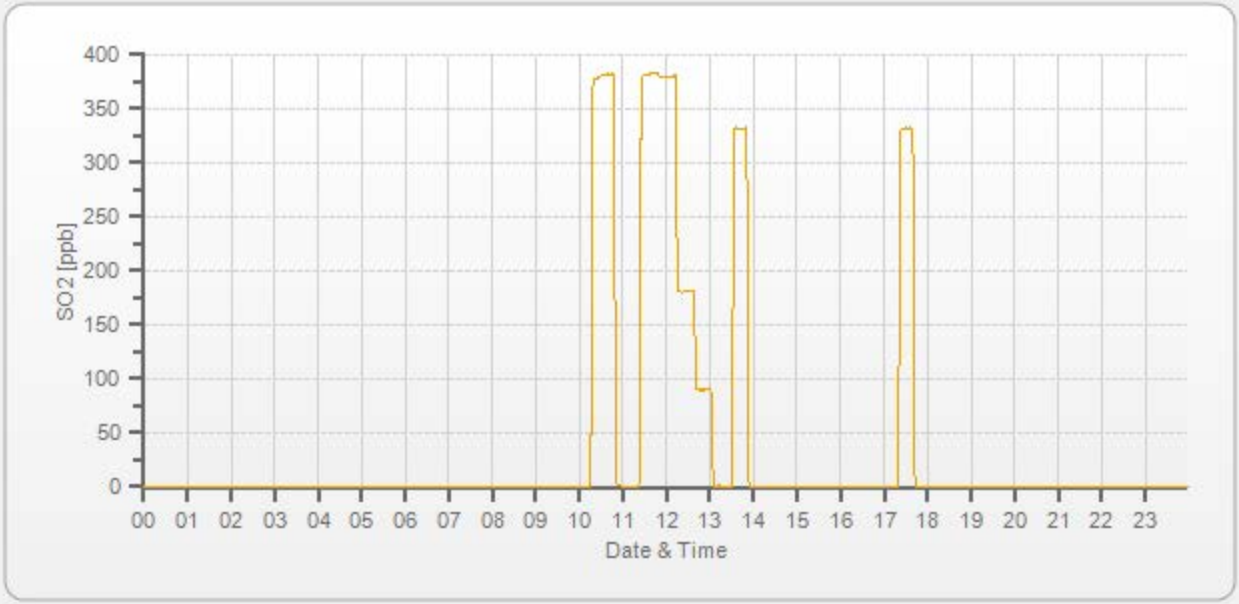
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3998		3998	0.00	-0.1	0		
3940	60.60	4001	380.17	382.3	380.3	0.994	1.000
3974	28.70	4003	179.96	n/a	180.8	n/a	0.995
3985	14.40	3999	90.38	n/a	90	n/a	1.004

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.001	0.0%

COMMENTS:

Sample filter changed


SO2[ppb] Station: PRAMP RENO-B Daily: 2025-10-01 Type: AVG 1 Min. [1 Min.]
SO2 [ppb]
400
350
300
250
200
150
100
50
0
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
SO2 [ppb]

TRS Analyzer Calibration by Dilution

DATE:	01-Oct-2025	PREVIOUS CALIBRATION DATE:	09-Sep-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Reno-B	BAROMETRIC (mBar):	933
PURPOSE	Routine	START TIME (MST):	09:51
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	13:55

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100	ppb
SERIAL #	12101910504	FLOW (mL/min)	388	
INITIAL		FINAL		
BKG/OFFSET	1.53	BKG/OFFSET	1.51	
COEF/SLOPE	0.897	COEF/SLOPE	0.885	
Expected (reference) Value	35.19	Expected (reference) Value	35.07	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	900	LOW ID	n/a
EXPIRY DATE	29-Sep-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:

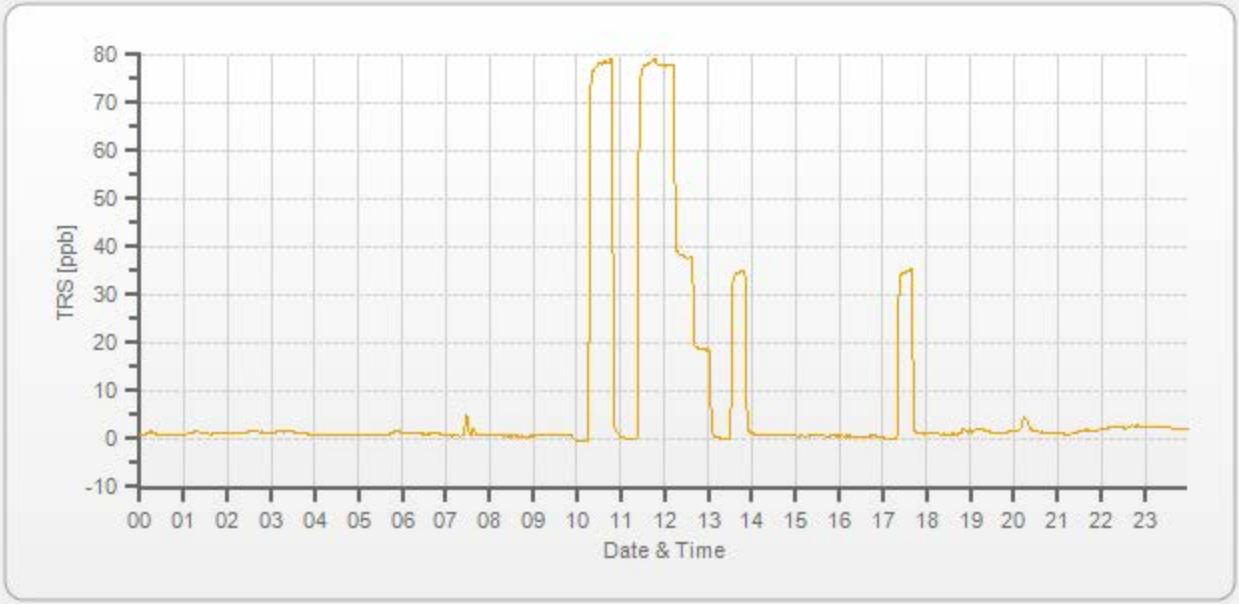
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3998		3998	0.00	0.1	0		
3967	32.20	3999	78.10	78.51	77.94	0.996	1.002
3987	15.70	4003	38.04	n/a	37.75	n/a	1.008
3991	7.80	3999	18.92	n/a	18.71	n/a	1.011

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.998	-0.1%

COMMENTS:

Sample filter changed


TRS[ppb] Station: PRAMP RENO-B Daily: 2025-10-01 Type: AVG 1 Min. [1 Min.]
TRS [ppb]
80
70
60
50
40
30
20
10
0
-10
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
TRS [ppb]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	01-Oct-2025	PREVIOUS CALIBRATION DATE:	09-Sep-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Reno-B	BAROMETRIC (mBar):	933
PURPOSE	Routine	START TIME (MST):	09:50
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	14:10

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	1505664392	1131
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	1.000	0.995	0.997

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	9.97	11.16	21.13		10.06	11.19	21.25

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3500		3500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3443	56.60	3500	14.68	13.30	27.98	13.92	13.48	27.40	14.68	13.34	28.02	1.055	0.986	1.021	1.000	0.997	0.999
3472	28.30	3500	7.34	6.65	13.99	n/a	n/a	n/a	7.35	6.67	14.02	n/a	n/a	n/a	0.999	0.997	0.998
3486	14.20	3500	3.68	3.34	7.02	n/a	n/a	n/a	3.66	3.32	6.98	n/a	n/a	n/a	1.007	1.005	1.006

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.000	0.0%
NMHC	1.000	1.004	-0.1%
THC	1.000	1.002	0.0%

Comments:

Sample filter changed

Station: PRAMP RENO-B Daily: 2025-10-01 Type: AVG 1 Min. [1 Min.]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	22-Oct-2025	PREVIOUS CALIBRATION DATE:	01-Oct-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	22.3
LOCATION:	Reno-B	BAROMETRIC (mBar):	937
PURPOSE	Repeat	START TIME (MST):	06:40
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	12:16

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	1505664392	1106
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	1.000	0.997	0.999

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	No
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	10.06	11.19	21.25		9.96	11.14	21.10

CALIBRATION:

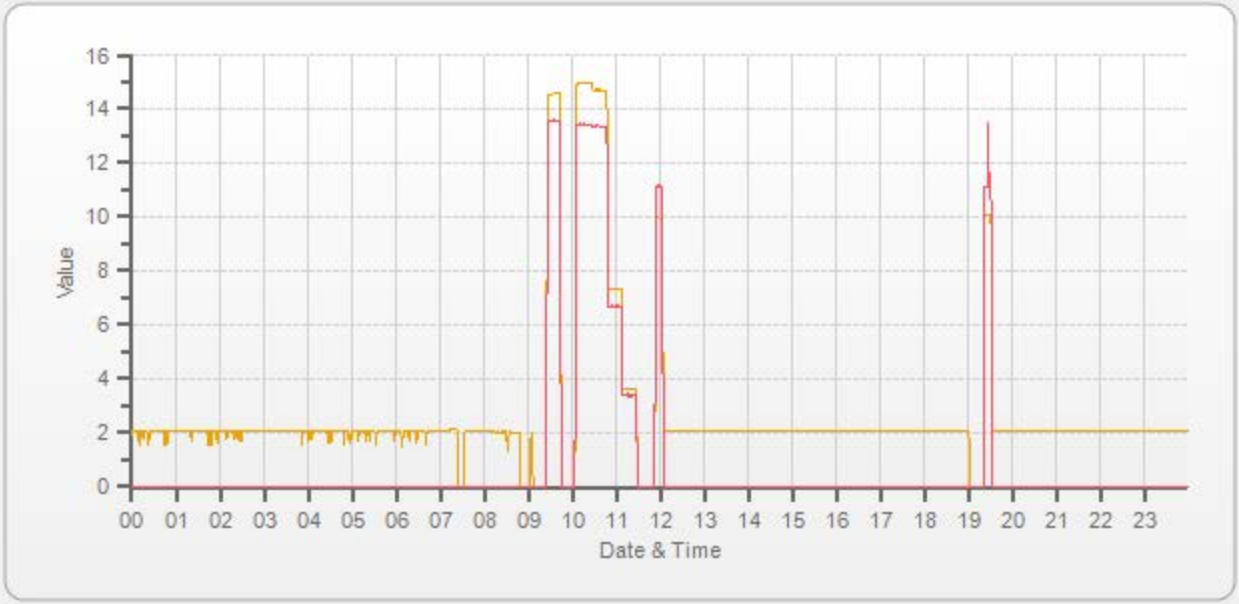
FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3500		3500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3443	56.60	3500	14.68	13.30	27.98	14.59	13.56	28.16	14.67	13.32	27.99	1.006	0.981	0.994	1.001	0.998	1.000
3472	28.30	3500	7.34	6.65	13.99	n/a	n/a	n/a	7.33	6.69	14.01	n/a	n/a	n/a	1.002	0.994	0.999
3486	14.20	3500	3.68	3.34	7.02	n/a	n/a	n/a	3.64	3.40	7.04	n/a	n/a	n/a	1.012	0.981	0.997

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.000	-0.1%
NMHC	1.000	1.000	0.1%
THC	1.000	1.000	0.0%

Comments:

Changed carrier pressure from 29.8 to 31.8psi anf H2 pressure from 45,5 to 47 psi.


Station: PRAMP RENO-B Daily: 2025-10-22 Type: AVG 1 Min. [1 Min.]
Value
Date & Time
CH4 [ppm]
NMHC [ppm]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	28-Oct-2025	PREVIOUS CALIBRATION DATE:	n/a
CLIENT:	PRAMP	TEMPERATURE (°C):	22.6
LOCATION:	Reno-B	BAROMETRIC (mBar):	948
PURPOSE	Install/Post-Repair	START TIME (MST):	08:11
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	12:01

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	1501663728	1077
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	n/a	n/a	n/a

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	No

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	n/a	n/a	n/a		9.88	11.11	20.99

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3500		3500	0.00	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00						
3443	56.60	3500	14.68	13.30	27.98	n/a	n/a	n/a	14.67	13.27	27.94	n/a	n/a	n/a	1.001	1.002	1.001
3472	28.30	3500	7.34	6.65	13.99	n/a	n/a	n/a	7.24	6.65	13.90	n/a	n/a	n/a	1.014	1.000	1.006
3486	14.20	3500	3.68	3.34	7.02	n/a	n/a	n/a	3.58	3.30	6.88	n/a	n/a	n/a	1.029	1.011	1.020

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.001	-0.3%
NMHC	1.000	0.999	0.0%
THC	1.000	1.000	-0.2%

Comments:

Installation Calibration

Station: PRAMP RENO-B Daily: 2025-10-28 Type: AVG 1 Min. [1 Min.]

Meteorological System Checklist

Date:	October 1, 2025		
Technician:	Kevin Sebastian		
Station:	PRAMP Reno-B		
Unit:	**Make:**	**Model:**	**Serial #:**
Precipitation Sampler:	RM Young	52202	TB 15877
Temperature Sensor:	Rotronic	HC2A-S3	20357528
Barometric Pressure Sensor:	MetOne	92	A17940
Relative Humidity Sensor:	Rotronic	HC2A-S3	20357528
Anemometer:	RM Young	05305AQ	174795

PRECIPITATION SENSOR CHECK

Checklist:	**Reply:**	**Comments:**
Previous check date:	September 9, 2025	
Is the sensor Level?	yes	
Is the heater operating properly?	yes	
Are the bucket drain holes clean?	yes	13:03-13:08
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:	September 9, 2025
Parameter:	Temperature @ 2 metres
Reference Thermometer ID:	Traceable 230557117 expires July 02, 2026
Reference Temperature (^{o}C):	10.1
Station - Ambient Temperature (^{o}C):	10.7
Temperature Difference (^{o}C):	-0.6

BAROMETRIC PRESSURE SENSOR CHECK

Previous check date:	September 9, 2025	
Reference Barometer ID:	Brunton 05490 Expires June 27, 2026	
Reference Pressure - Units/Reading:	millibar	934.4
Station Pressure - Units/Reading:	millibar	934.1
Pressure Tolerance +/- 15% of error:	794 - 1075	0.03%

RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK

Previous check date:	September 9, 2025	
Reference Hygrometer ID:	Traceable 230557117 expires July 02, 2026	
Reference Hygrometer % RH- Reading:	90.30	
Station Hygrometer % RH- Reading:	100.00	
RH Tolerance +/- 15% of difference:	76.76 - 103.85	-10.7%

ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK

WIND SPEED		WIND DIRECTION	
Previous check date:	September 9, 2025	Previous check date:	September 9, 2025
Wind Speed Observed (kph):	0~5	Wind Direction Observed:	SE
Wind speed on Data Logger (kph):	1.3	Wind Direction on Data Logger:	SE
		Wind Direction Pass/Fail?:	Pass

Comments

Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	**Performed By:**	Kevin Sebastian
Audit Location:	Reno-B	**Reviewed By:**	Limin Li
Audit Date:	September 9, 2025	**Start/End Time (mst):**	14:31/16:08
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 23, 2024	**Direction Unit Output Range:**	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18801 id# R9133 expires Dec 23, 2026

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	31	332	-1.0	-2.0	1.5
60	300	60	302	0.0	-2.0	1.0
90	270	89	272	1.0	-2.0	1.5
120	240	120	241	0.0	-1.0	0.5
150	210	150	211	0.0	-1.0	0.5
180	180	178	182	2.0	-2.0	2.0
210	150	211	150	-1.0	0.0	0.5
240	120	241	120	-1.0	0.0	0.5
270	90	271	90	-1.0	0.0	0.5
300	60	301	60	-1.0	0.0	0.5
330	30	331	29	-1.0	1.0	1.0
355	0	354	1	1.0	1.0	1.0
The audit meets AMD requirements.			**Average Absolute Degrees Difference=**			**0.9**

Comments:

Declination = 15 deg East
Physical inspection completed, no issues

END OF REPORT

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring Calibration Report

- AQHI - GRIMSHAW STATION-

CAL-PRAMP-202510-01689

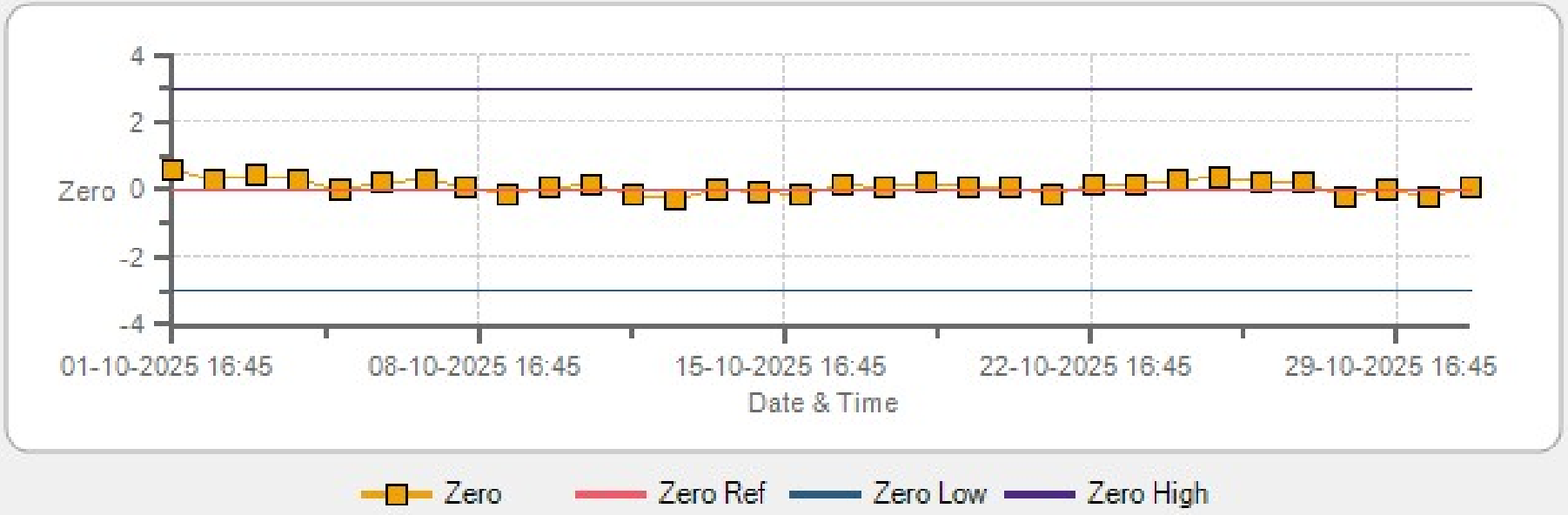
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

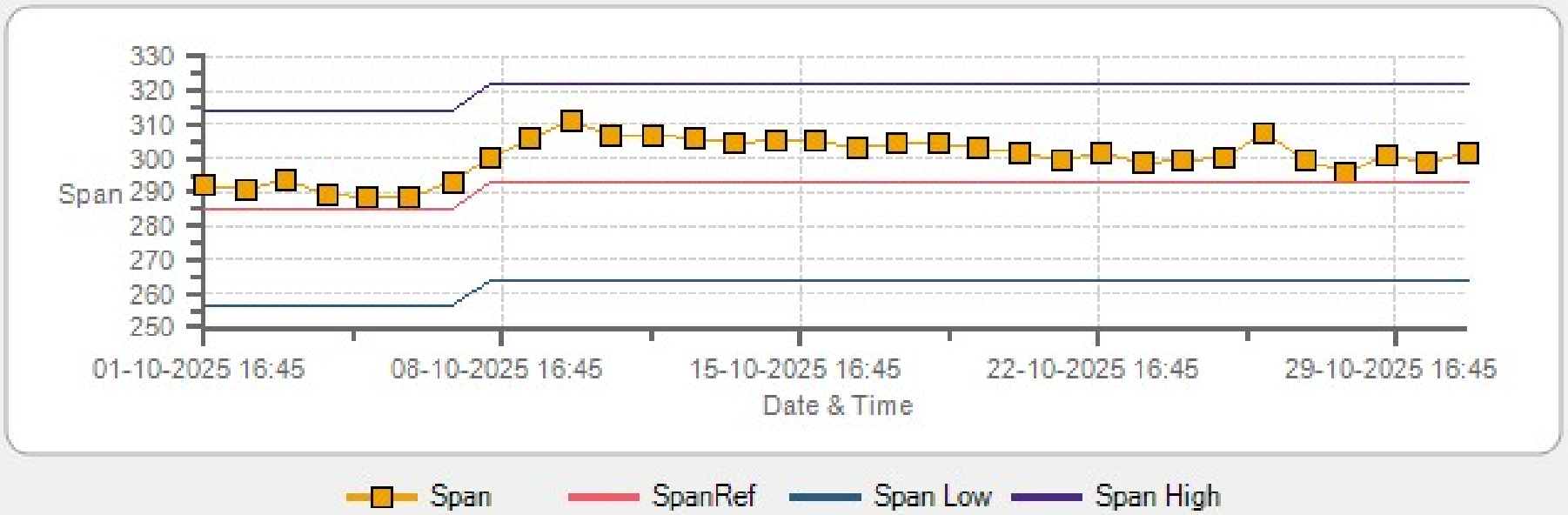
November 13, 2025

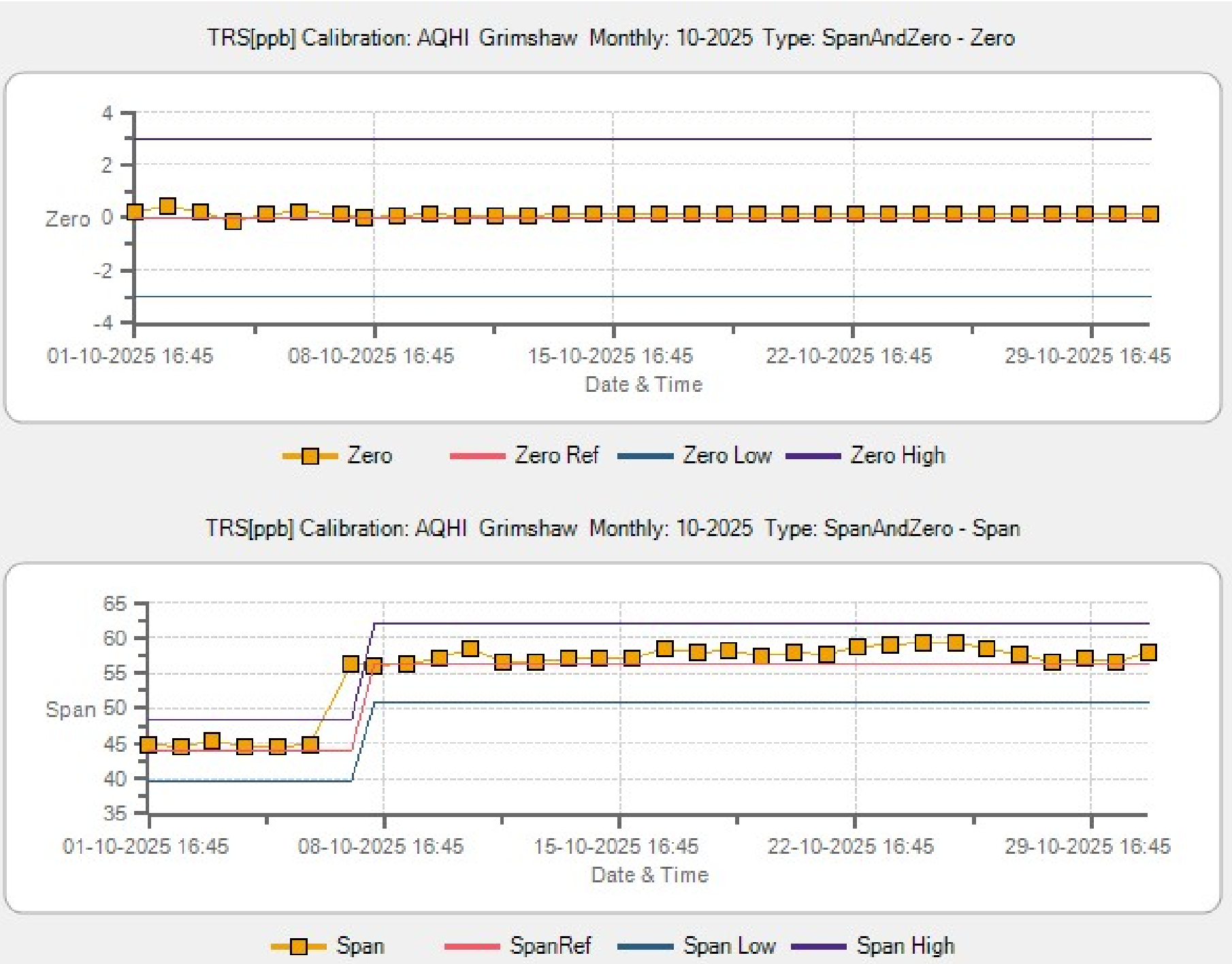
DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

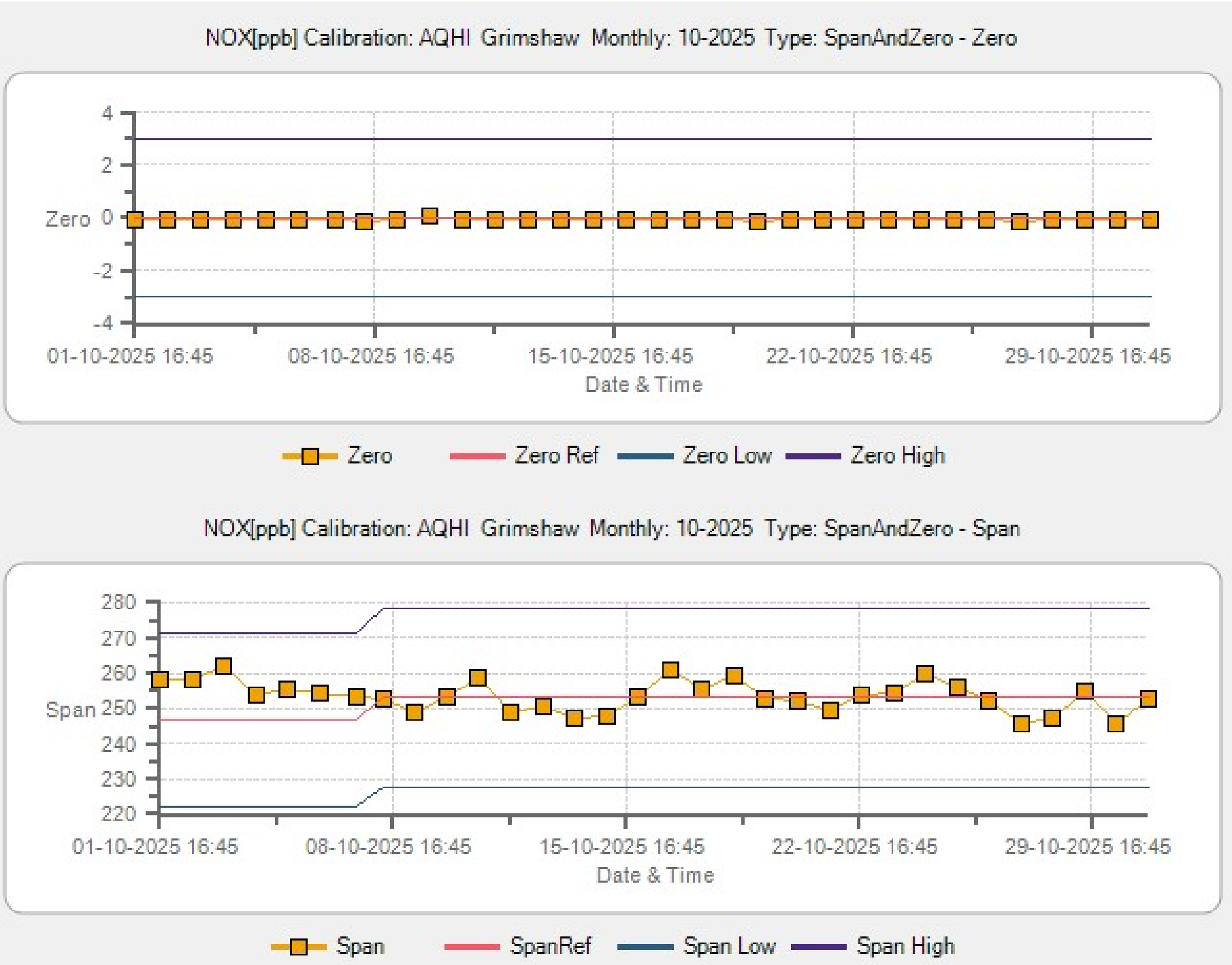
SO2[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero

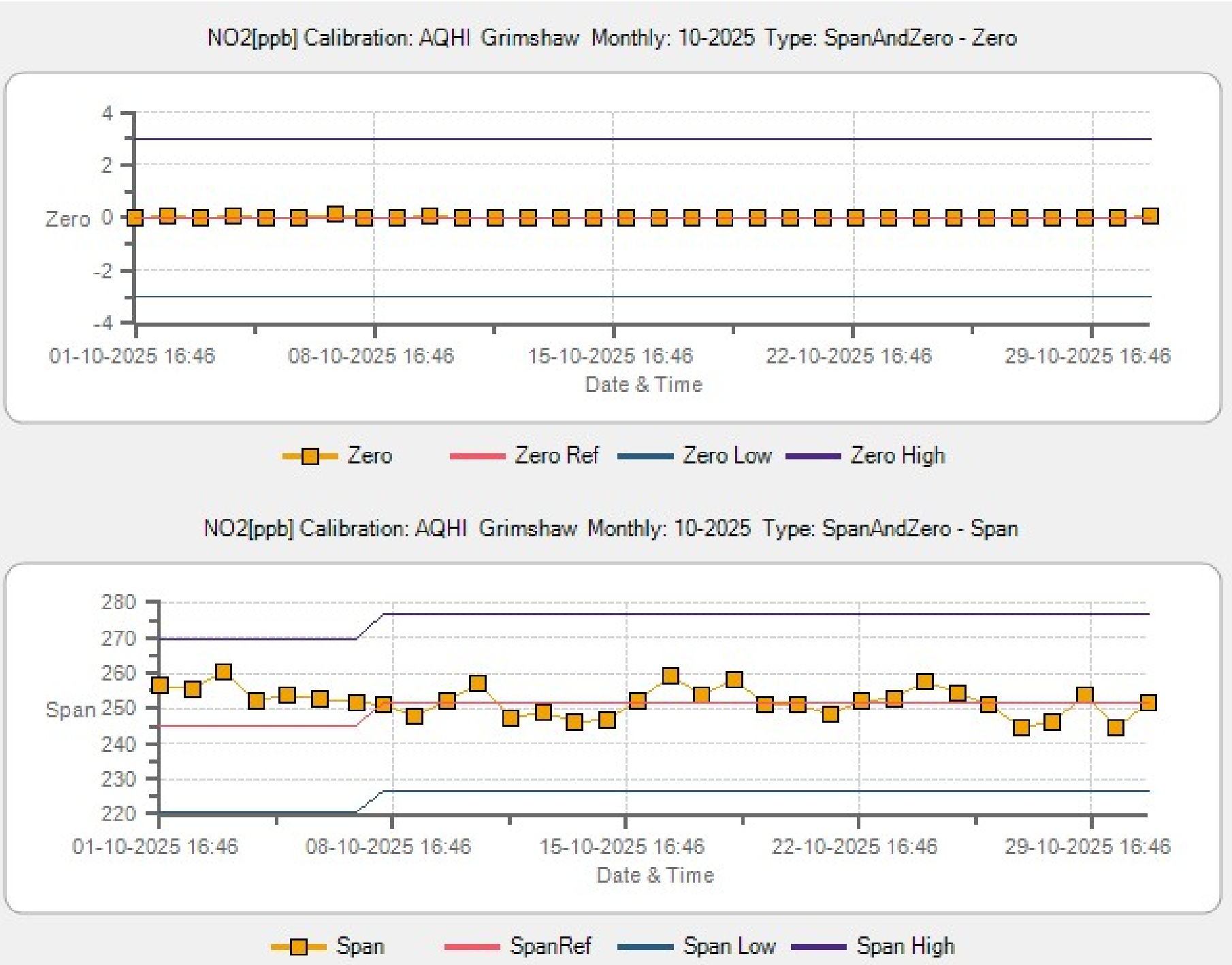


SO2[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span

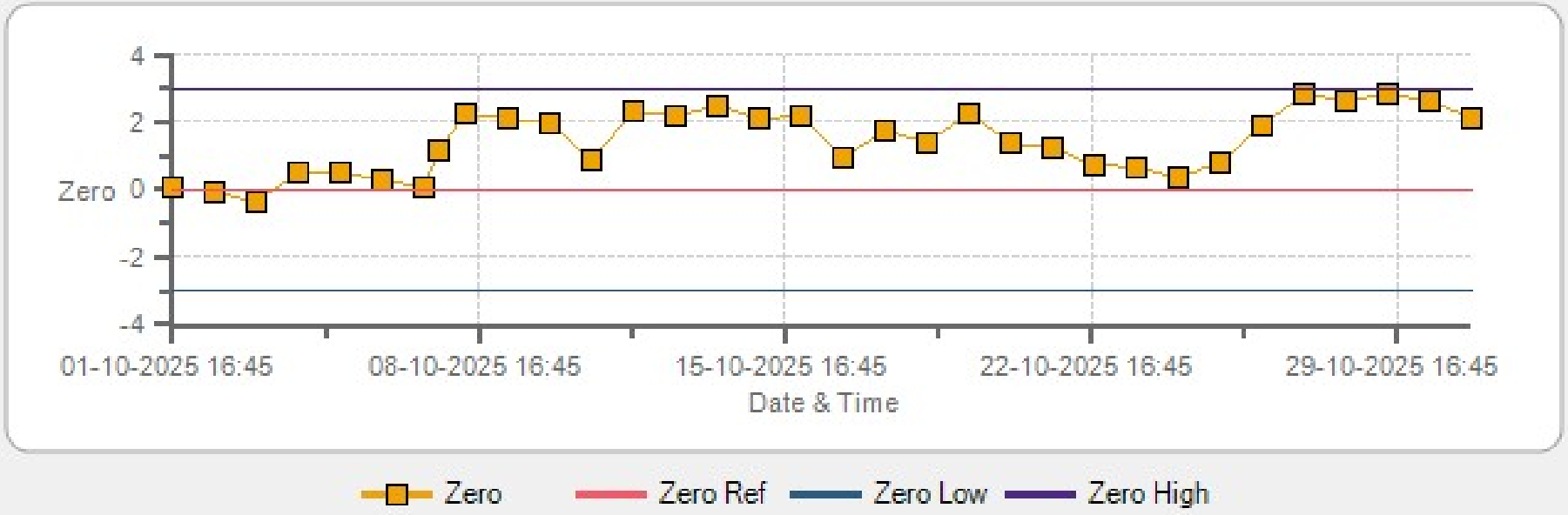



TRS[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero
4
2
Zero 0
-2
-4
01-10-2025 16:45
08-10-2025 16:45
15-10-2025 16:45
22-10-2025 16:45
29-10-2025 16:45
Date & Time
Zero
Zero Ref
Zero Low
Zero High
TRS[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span
65
60
55
Span 50
45
40
35
01-10-2025 16:45
08-10-2025 16:45
15-10-2025 16:45
22-10-2025 16:45
29-10-2025 16:45
Date & Time
Span
SpanRef
Span Low
Span High

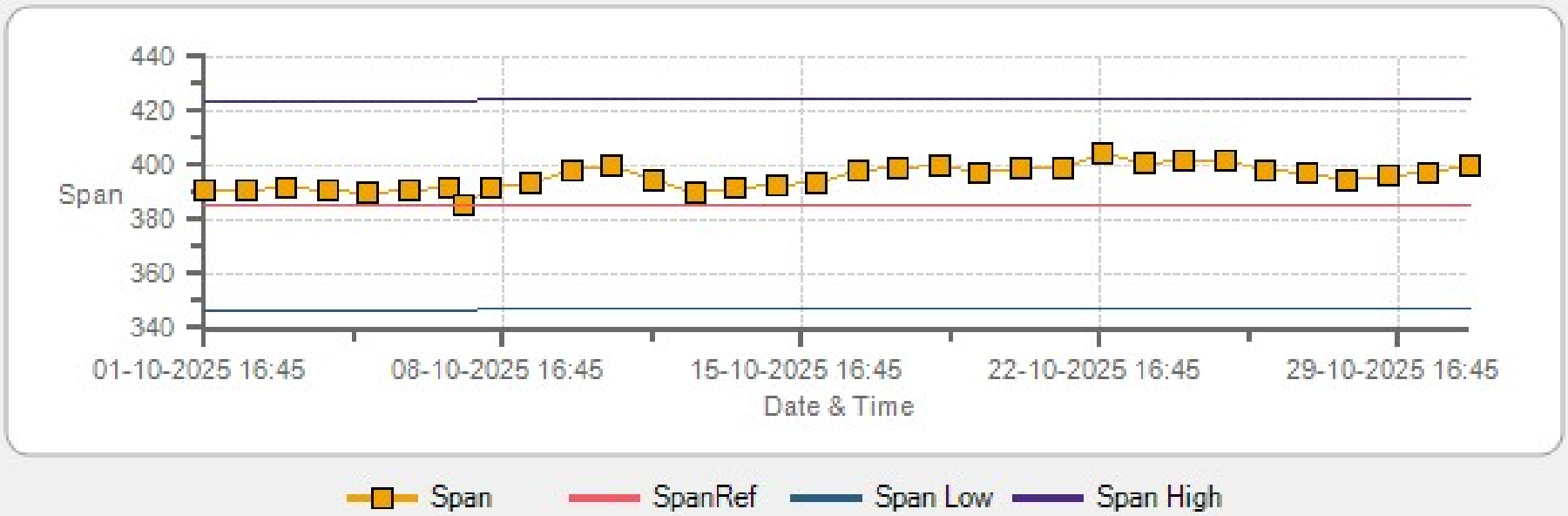

NOX[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero
4
2
Zero 0
-2
-4
01-10-2025 16:45
08-10-2025 16:45
15-10-2025 16:45
22-10-2025 16:45
29-10-2025 16:45
Date & Time
Zero
Zero Ref
Zero Low
Zero High
NOX[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span
280
270
260
Span 250
240
230
220
01-10-2025 16:45
08-10-2025 16:45
15-10-2025 16:45
22-10-2025 16:45
29-10-2025 16:45
Date & Time
Span
SpanRef
Span Low
Span High

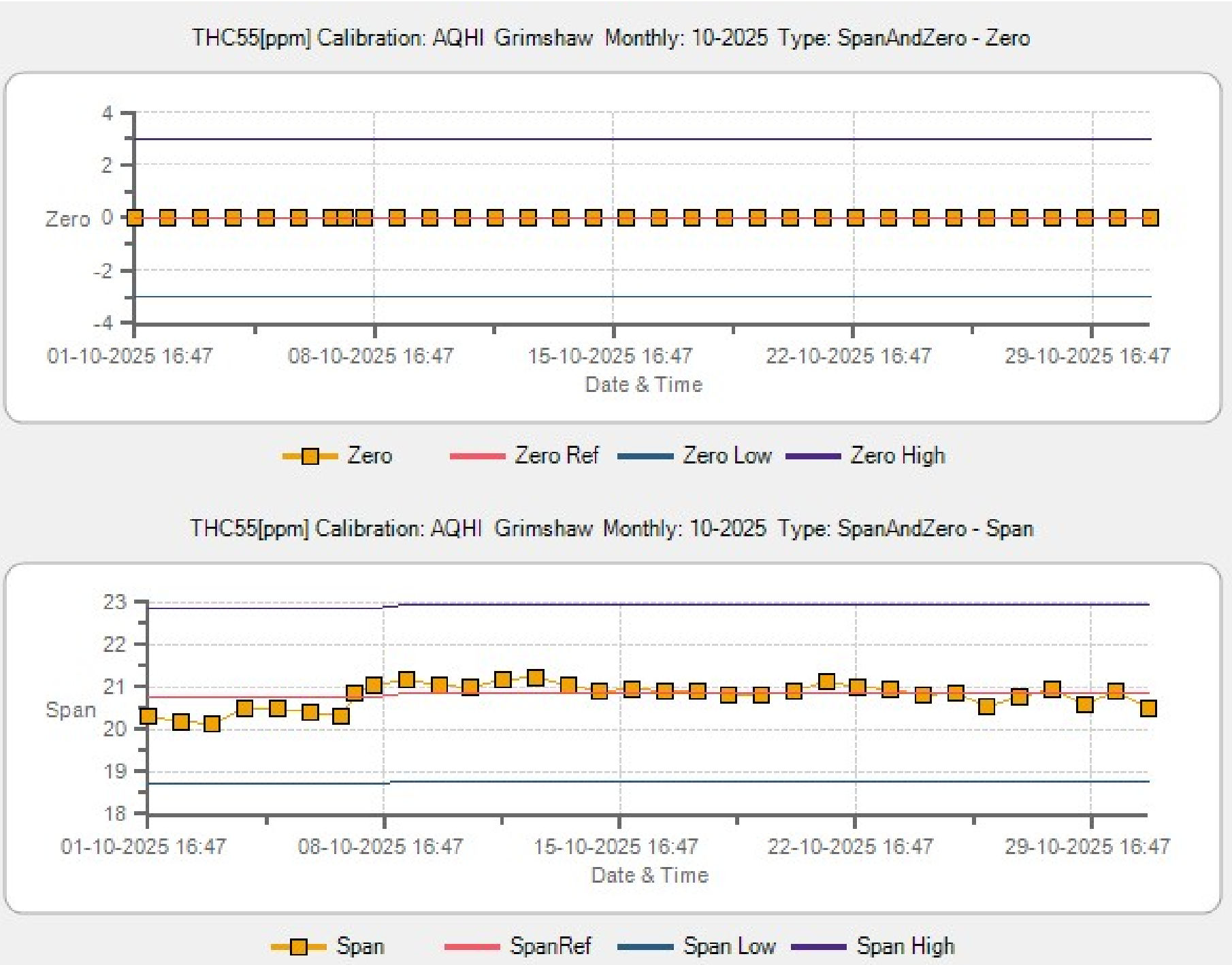

NO2[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero
4
2
Zero 0
-2
-4
01-10-2025 16:46
08-10-2025 16:46
15-10-2025 16:46
22-10-2025 16:46
29-10-2025 16:46
Date & Time
Zero
Zero Ref
Zero Low
Zero High
NO2[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span
280
270
260
Span 250
240
230
220
01-10-2025 16:46
08-10-2025 16:46
15-10-2025 16:46
22-10-2025 16:46
29-10-2025 16:46
Date & Time
Span
SpanRef
Span Low
Span High

O3[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero

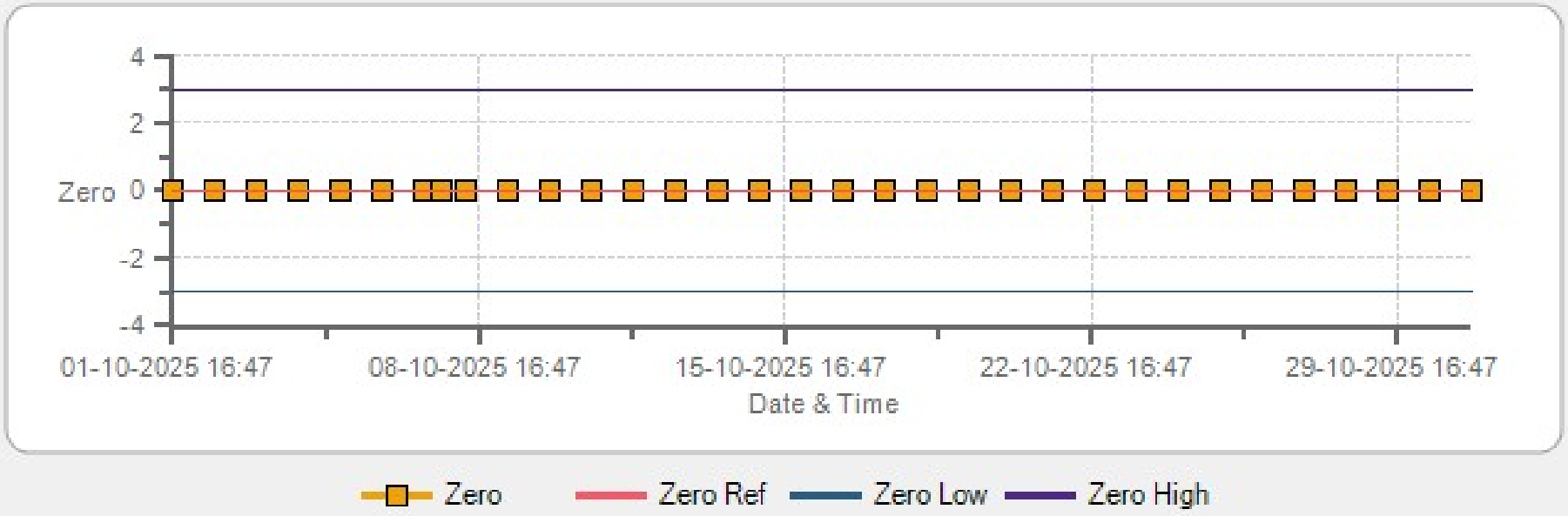


O3[ppb] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span

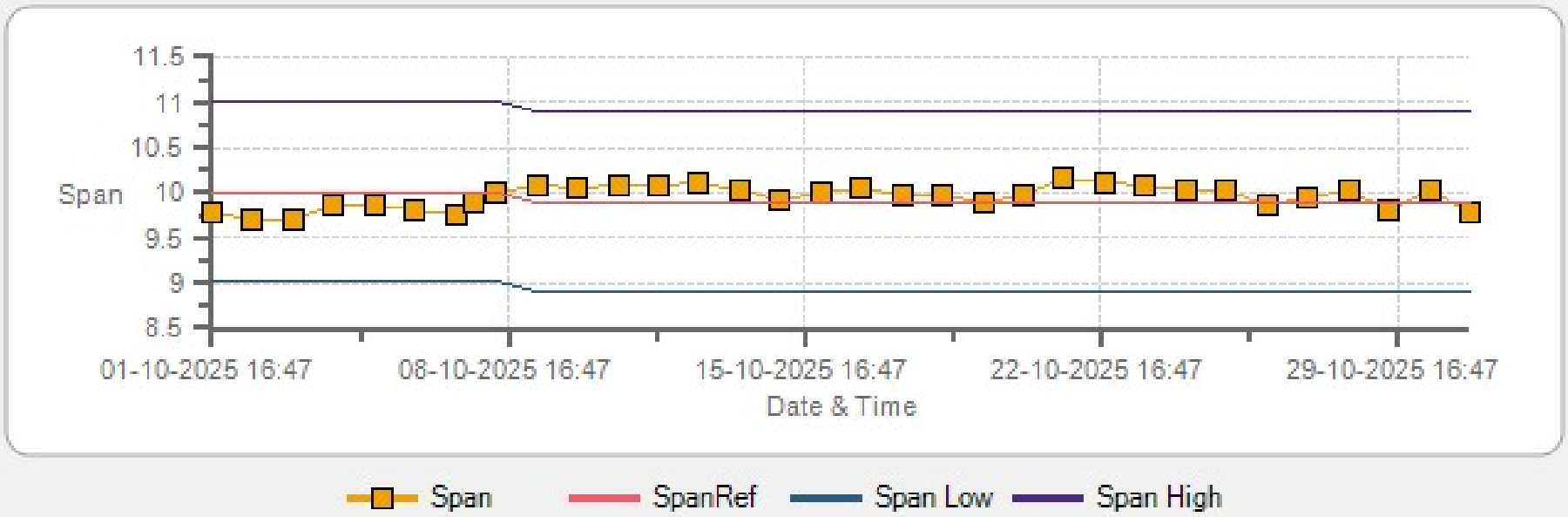



THC55[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero
4
2
Zero 0
-2
-4
01-10-2025 16:47
08-10-2025 16:47
15-10-2025 16:47
22-10-2025 16:47
29-10-2025 16:47
Date & Time
Zero
Zero Ref
Zero Low
Zero High
THC55[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span
23
22
21
Span
20
19
18
01-10-2025 16:47
08-10-2025 16:47
15-10-2025 16:47
22-10-2025 16:47
29-10-2025 16:47
Date & Time
Span
SpanRef
Span Low
Span High

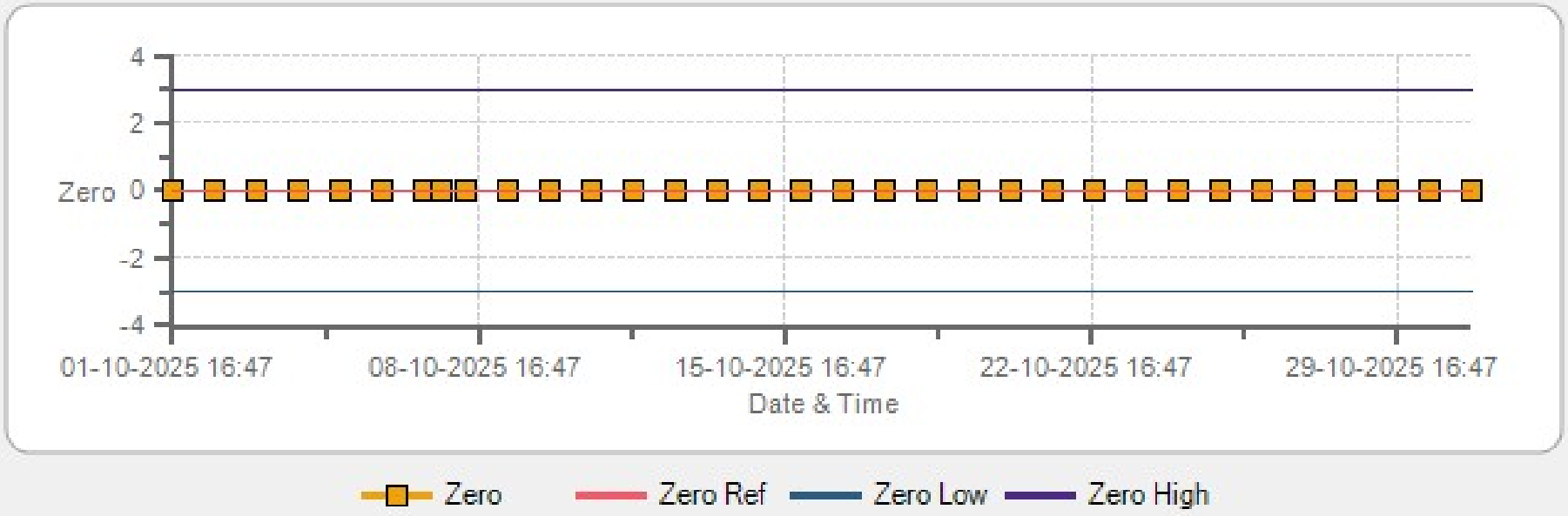
CH4[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero



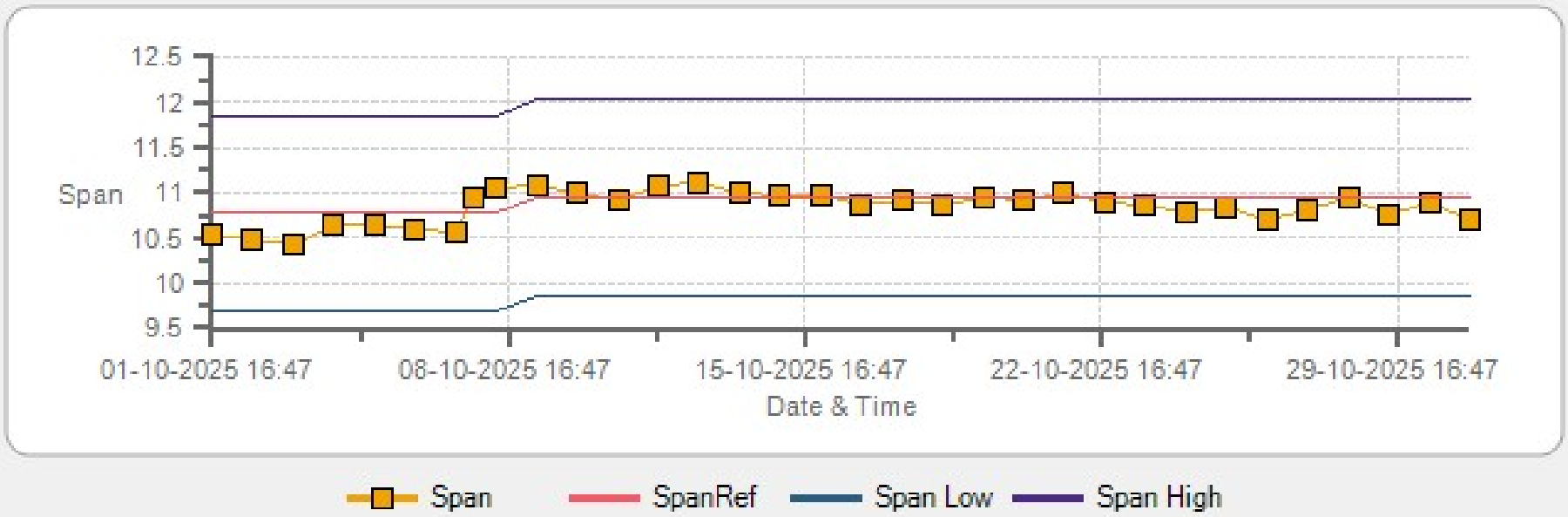
CH4[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span



NMHC[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Zero



NMHC[ppm] Calibration: AQHI Grimshaw Monthly: 10-2025 Type: SpanAndZero - Span



MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution

DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	16-Sep-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	1.000
CLIENT:	PRAMP	TEMPERATURE (°C):	21.9
LOCATION:	Grimshaw	BAROMETRIC (mBar):	934
PURPOSE	Routine	START TIME (MST):	08:07
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	12:25

ANALYZER:

MAKE/MODEL	Teledyne T100	RANGE	500	ppb
SERIAL #	722	FLOW (mL/min)	413	
INITIAL		FINAL		
BKG/OFFSET	39.8	BKG/OFFSET	40.4	
COEF/SLOPE	0.897	COEF/SLOPE	0.892	
Expected (reference) Value	285.2	Expected (reference) Value	292.8	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	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):	600	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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000		4000	0.00	0.4	0		
3939	60.60	4000	380.27	380.7	381	1.000	0.998
3970	28.70	3999	180.14	n/a	179.9	n/a	1.001
3985	14.30	3999	89.75	n/a	90.1	n/a	0.996

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.002	0.0%

COMMENTS:

Sample filter changed
10:00- IZS Triggered and cancelled

SO2[ppb] Station: AQHI Grimshaw Daily: 2025-10-07 Type: AVG 1 Min. [1 Min.]
400
350
300
250
200
150
100
50
0
SO2 [ppb]
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
SO2 [ppb]

TRS Analyzer Calibration by Dilution

DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	16-Sep-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.995
CLIENT:	PRAMP	TEMPERATURE (°C):	22.5
LOCATION:	Grimshaw	BAROMETRIC (mBar):	934
PURPOSE	Removal/Shut-down	START TIME (MST):	09:14
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	11:41

ANALYZER:

MAKE/MODEL	Teledyne T100U	RANGE	100	ppb
SERIAL #	132	FLOW (mL/min)	540	
INITIAL		FINAL		
BKG/OFFSET	69.9	BKG/OFFSET	n/a	
COEF/SLOPE	0.624	COEF/SLOPE	n/a	
Expected (reference) Value	44.04	Expected (reference) Value	n/a	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	900	LOW ID	n/a
EXPIRY DATE	29-Sep-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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000		4000	0.00	0.17	n/a		
3968	32.20	4000	78.09	80.83	n/a	0.968	n/a
3983	15.70	3999	38.08	39.27	n/a	0.974	n/a
3991	7.80	3999	18.92	18.93	n/a	1.009	n/a

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.036	-0.2%

COMMENTS:

10:00- IZS Triggered and cancelled

TRS Analyzer Calibration by Dilution

DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	n/a
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	n/a
CLIENT:	PRAMP	TEMPERATURE (°C):	24.7
LOCATION:	Grimshaw	BAROMETRIC (mBar):	932
PURPOSE	Install/Post-Repair	START TIME (MST):	14:06
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	17:24

ANALYZER:

MAKE/MODEL	Thermo 43iQ-TL	RANGE	100	ppb
SERIAL #	12409233394	FLOW (mL/min)	374	
INITIAL		FINAL		
BKG/OFFSET	n/a	BKG/OFFSET	1.63	
COEF/SLOPE	n/a	COEF/SLOPE	1.002	
Expected (reference) Value	n/a	Expected (reference) Value	56.4	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	900	LOW ID	n/a
EXPIRY DATE	29-Sep-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:	14:37	SO2 Conc (ppb)	380
END TIME:	14:52	Analyzer Response (ppb)	0.1

CALIBRATION:

FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
4000		4000	0.00	n/a	0		
3968	32.20	4000	78.09	n/a	78.12	n/a	1.000
3983	15.70	3999	38.08	n/a	37.91	n/a	1.005
3991	7.80	3999	18.92	n/a	18.94	n/a	0.999

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	0.0%

COMMENTS:

Sample filter changed

TRS[ppb] Station: AQHI Grimshaw Daily: 2025-10-07 Type: AVG 1 Min. [1 Min.]
TRS [ppb]
90
80
70
60
50
40
30
20
10
0
-10
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
TRS [ppb]

NOx Calibration by Dilution/Gas-Phase Titration

CALIBRATION:

				ANALYZER:			
DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	16-Sep-2025	MAKE/MODEL:	Thermo 42iQ	PREVIOUS CF.	
CLIENT:	PRAMP	TEMPERATURE (°C):	21.9	SERIAL #:	12409233392	NOx	1.001
LOCATION:	Grimshaw	BAROMETRIC (mBar):	934	FLOW (mL/min)	650	NO	1.000
PURPOSE	Routine	START TIME (MST):	07:46	RANGE (ppb)	500	NO2	1.004
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	13:57	GPT FOR O3?		Yes	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	EY0001013		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	NO/NOx (PPM):	49.2	49.4	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	300		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	11-Nov-2029		LOW EXPIRY:	n/a

CALIBRATION SETTINGS:

INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
BKG/OFFSET:	1.8	1.7	n/a	BKG/OFFSET:	1.8	1.7	n/a
SLOPE/COEF/CE:	1.004	1.319	1	SLOPE/COEF/CE:	1.003	1.305	1

EXPECTED (REFERENCE) VALUE:

INITIAL	NOx	NO	NO2	FINAL	NOx	NO	NO2
	246.8	1.7	245.1		253.1	1.6	251.5

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

NO/NOx CALIBRATION:

FLOW RATE (mL/min)			CONCENTRATION (ppb)									CORRECTION FACTOR (CF.)					
			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		4999	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0						
4960	40.10	5000	394.6	396.2	1.6	398.1	399.1	1.0	394.1	395.5	1.4	0.991	0.992		1.001	1.002	
4983	18.30	5001	180.0	180.8	0.7	n/a	n/a	n/a	176.5	177.1	0.6	n/a	n/a		1.020	1.021	
4991	9.10	5000	89.5	89.9	0.4	n/a	n/a	n/a	87.6	87.9	0.4	n/a	n/a		1.022	1.023	

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	40.10	5001	0	394.5	395.8	1.3				
AS-FOUND HIGH	n/a	n/a	n/a	n/a	n/a	n/a	n/a	**n/a**	**n/a**	n/a
ADJUSTED HIGH	40.10	5001	250	153.6	394.7	241.2	240.9	239.9	1.004	99.58%
MID	40.10	5001	155	244.2	394.3	150.1	150.3	148.8	1.010	99.00%
LOW	40.10	5001	55	341.1	394.2	53.1	53.4	51.8	1.031	97.00%
NO2 adjustment not required.									AVERAGE:	98.00%

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
NO	1.000	1.000	-0.29%
NOx	1.000	0.999	-0.30%
NO2	1.000	1.001	-0.33%

COMMENTS:

Sample filter Changed
Extra GPT point for O3: Setting = 380, O3 drop = 373.1
10:00- IZS Triggered and cancelled

Station: AQHI Grimshaw Daily: 2025-10-07 Type: AVG 1 Min. [1 Min.]

Ozone Calibration by Direct GPT

DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	16-Sep-2025
PARAMETER:	O3	PREVIOUS CORRECTION FACTOR:	1.000
CLIENT:	PRAMP	TEMPERATURE (°C):	21.3
LOCATION:	Grimshaw	BAROMETRIC (mBar):	932
PURPOSE	Routine	START TIME (MST):	13:18
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	18:47

ANALYZER:

MAKE/MODEL	Thermo 49iQ	RANGE	500 ppb
SERIAL #	12326230141	FLOW (mL/min)	1250
INITIAL		FINAL	
BKG/OFFSET	2.8	BKG/OFFSET	2.3
COEF/SLOPE	0.997	COEF/SLOPE	1.009
Expected (reference) Value	385.3	Expected (reference) Value	385.7

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Sabio
MODEL:	2010	MODEL:	T701
ID:	26701218	ID:	74
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a
	CALIBRATION METHOD:	Direct GPT	
GPT DATE:	07-Oct-2025	GPT END TIME:	13:00

CALIBRATION PARAMETERS:

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

CALIBRATION:

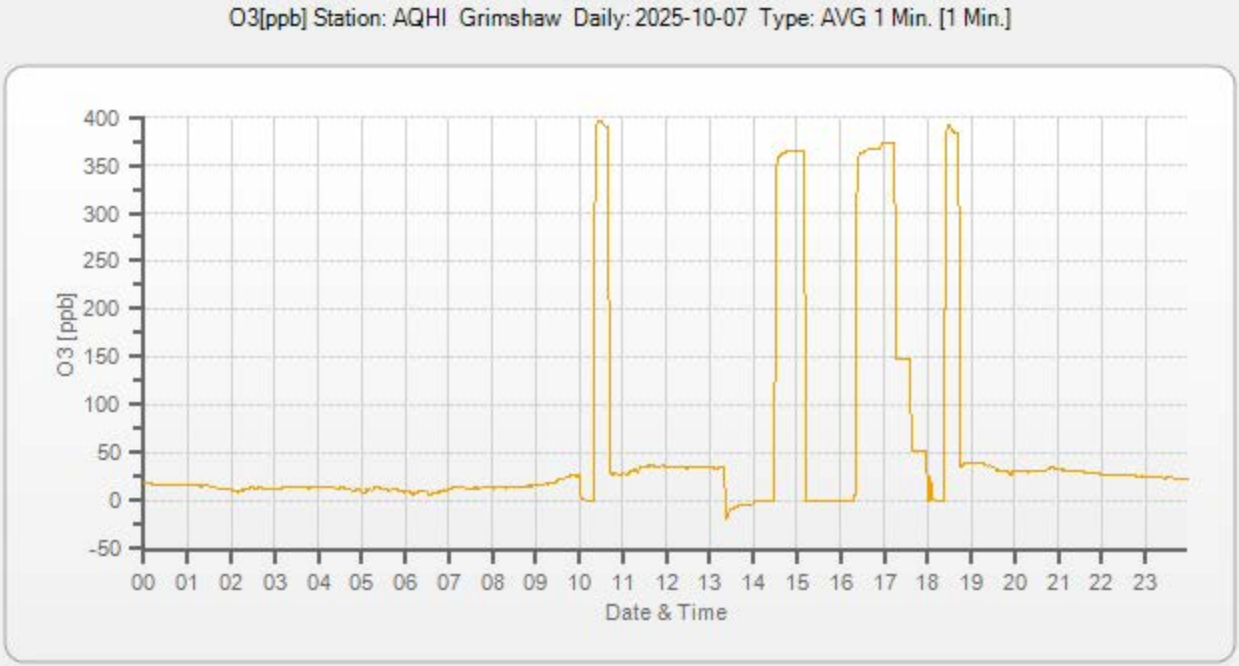
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
5000		5000	0.0	-1.4	0.0		
5000		5000	373.1	365.8	373.3	1.016	0.999
5000		5000	150.3	n/a	149.2	n/a	1.007
5000		5000	53.4	n/a	53.6	n/a	0.996

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	0.0%

COMMENTS:

Sample filter changed


O3[ppb] Station: AQHI Grimshaw Daily: 2025-10-07 Type: AVG 1 Min. [1 Min.]
400
350
300
250
200
150
100
50
0
-50
O3 [ppb]
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
O3 [ppb]

Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	07-Oct-2025	PREVIOUS CALIBRATION DATE:	18-Sep-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	22.8
LOCATION:	Grimshaw	BAROMETRIC (mBar):	931
PURPOSE	Routine	START TIME (MST):	16:50
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	20:17

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	12101910497	1090
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	1.000	1.003	1.001

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	58100720	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	10.01	10.78	20.79		9.90	10.95	20.85

CALIBRATION:

FLOW RATE (mL/min)			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3100		3100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3050	50.20	3100	14.70	13.32	28.02	14.77	13.45	28.22	14.71	13.31	28.02	0.996	0.990	0.993	1.000	1.000	1.000
3075	25.10	3100	7.35	6.66	14.01	n/a	n/a	n/a	7.35	6.67	14.02	n/a	n/a	n/a	1.000	0.998	0.999
3088	12.60	3101	3.69	3.34	7.03	n/a	n/a	n/a	3.66	3.29	6.96	n/a	n/a	n/a	1.008	1.015	1.010

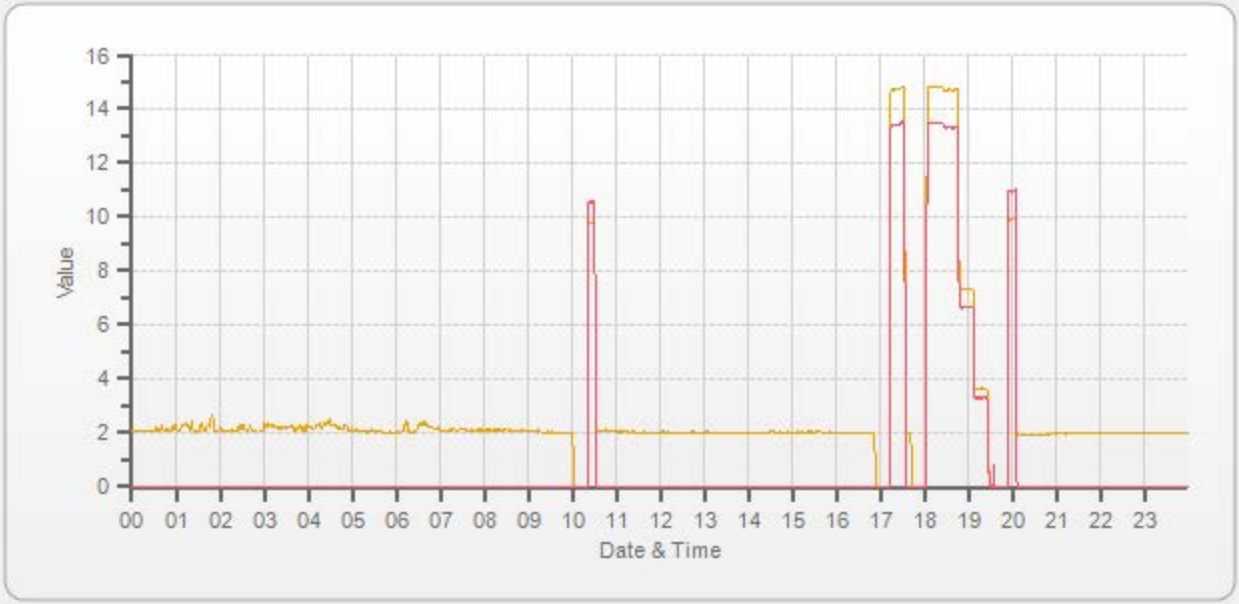
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.001	-0.1%
NMHC	1.000	1.001	-0.1%
THC	1.000	1.001	-0.1%

Comments:

Sample filter changed

Station: AQHI Grimshaw Daily: 2025-10-07 Type: AVG 1 Min. [1 Min.]



Teledyne T640 Audit/Calibration

Date/Previous Audit Date:	October 7, 2025	September 16, 2025	**Weather Conditions:**	Mainly sunny	
Company:	PRAMP		**Start Time (mst):**	15:31	
Station:	Grimshaw		**End Time (mst):**	15:44	
Parameter:	PM 2.5		**Performed By/Reviewer:**	Kevin Sebastian	Limin Li

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)	698.8	Ambient Temp (°C)	16.7	ASC Heater Duty (%)	0.0
Box Temp (°C)	26.8	Current PMT HV (V)	1529	LED Temp (°C)	35.17
P3 Value	48	PMT Setting (V)	1535	Pump PWM (%)	30
Sample Flow (L/min)	4.98	Sample RH (%RH)	25.2	Sample Temp (°C)	24.8

Item:	As-found		As-left		Tolerance
	Reference	T640x	Reference	T640x	
Zero Test (Leak Check)	PM10	0.0	0	0.0	0.0 to 0.2
	PM2.5	0.0	0	0.0	
Ambient Pressure (mmHg)	699.0	698.7	n/a	n/a	+/- 10 mm Hg
Ambient Temperature (°C)	16.30	16.7	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:

Meteorological System Checklist

Date:	October 7, 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:	September 16, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	Traceable 230557117 expires July 02, 2026		
Reference Temperature (^{o}C):	14.9		
Station - Ambient Temperature (^{o}C):	14.7		
Temperature Difference (^{o}C):	0.2		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	September 16, 2025		
Reference Barometer ID:	Brunton 05490 Expires June 27, 2026		
Reference Pressure - Units/Reading:	millibar	932	
Station Pressure - Units/Reading:	millibar	932.8	
Pressure Tolerance +/- 15% of error:	792 - 1072	-0.09%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	September 16, 2025		
Reference Hygrometer ID:	Traceable 230557117 expires July 02, 2026		
Reference Hygrometer % RH- Reading:	40.10		
Station Hygrometer % RH- Reading:	41.60		
RH Tolerance +/- 15% of difference:	34.09 - 46.12	-3.7%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	September 16, 2025	Previous check date:	September 16, 2025
>	10~20	Wind Direction Observed:	W
Wind speed on Data Logger (kph):	13.5	Wind Direction on Data Logger:	W
		Wind Direction Pass/Fail?:	Pass

Comments

No issues

Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	**Performed By:**	Kevin Sebastian
Audit Location:	Grimshaw	**Reviewed By:**	Limin Li
Audit Date:	September 16, 2025	**Start/End Time (mst):**	13:20/15:13
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 #:	174801	**Direction Voltage Output Range:**	n/a
Previous Cal/Audit Date:	August 21, 2024	**Direction Unit Output Range:**	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18801 id# R9133 expires Dec 23, 2026

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	73.5	1.002
5000	92.2	92.0	92.0	1.002
6000	110.6	110.6	110.5	1.000
7000	129.0	129.0	128.9	1.000
8000	147.4	147.4	147.3	1.001
9000	165.9	165.8	165.8	1.000
10000	184.3	184.2	184.3	1.000
		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	333	0.0	-3.0	1.5
60	300	60	305	0.0	-5.0	2.5
90	270	90	274	0.0	-4.0	2.0
120	240	119	239	1.0	1.0	1.0
150	210	149	208	1.0	2.0	1.5
180	180	178	179	2.0	1.0	1.5
210	150	208	149	2.0	1.0	1.5
240	120	238	118	2.0	2.0	2.0
270	90	272	90	-2.0	0.0	1.0
300	60	301	60	-1.0	0.0	0.5
330	30	329	31	1.0	-1.0	1.0
355	0	354	1	1.0	1.0	1.0
The audit meets AMD requirements.			**Average Absolute Degrees Difference=**			**1.4**

Comments:

Declination = 15 deg East

END OF REPORT

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring Calibration Report

- PEACE RIVER COMPLEX (PRC) STATION-

CAL-PRAMP-202510-01698

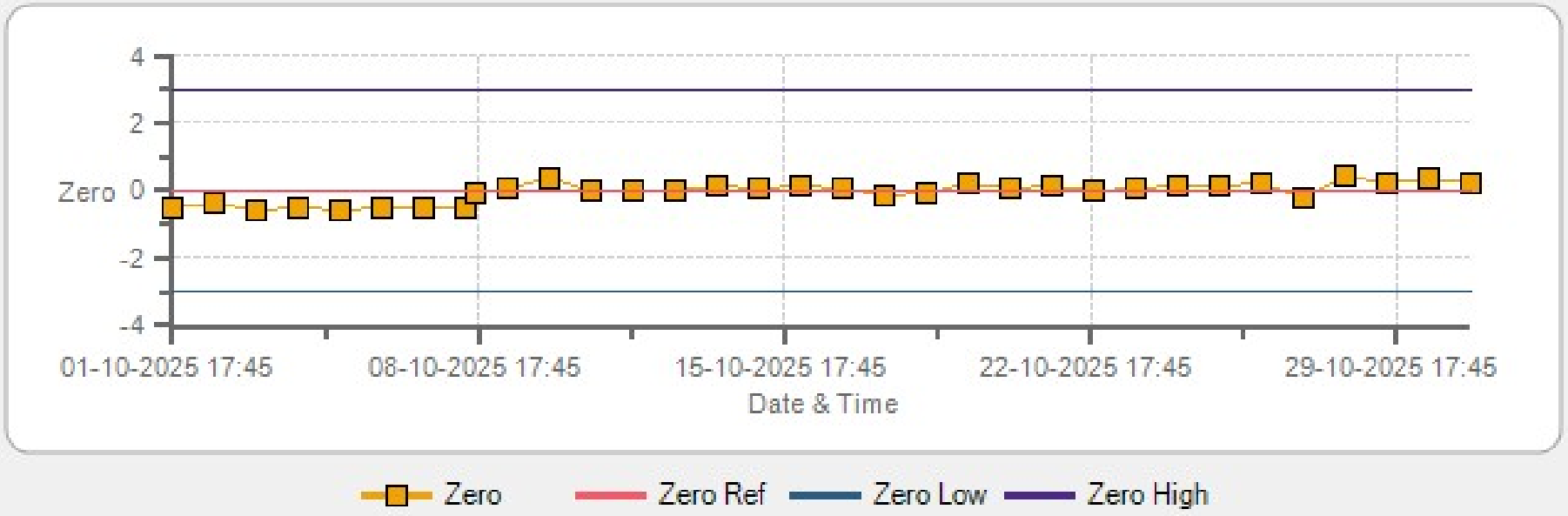
Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Bureau Veritas Canada

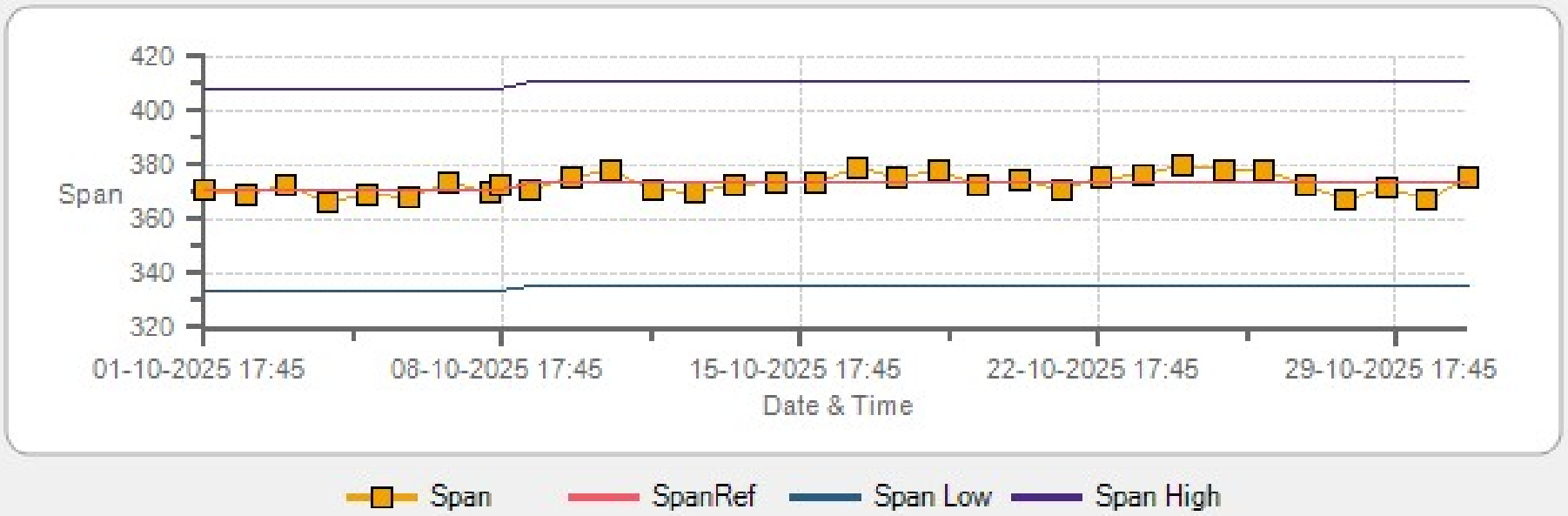
November 13, 2025

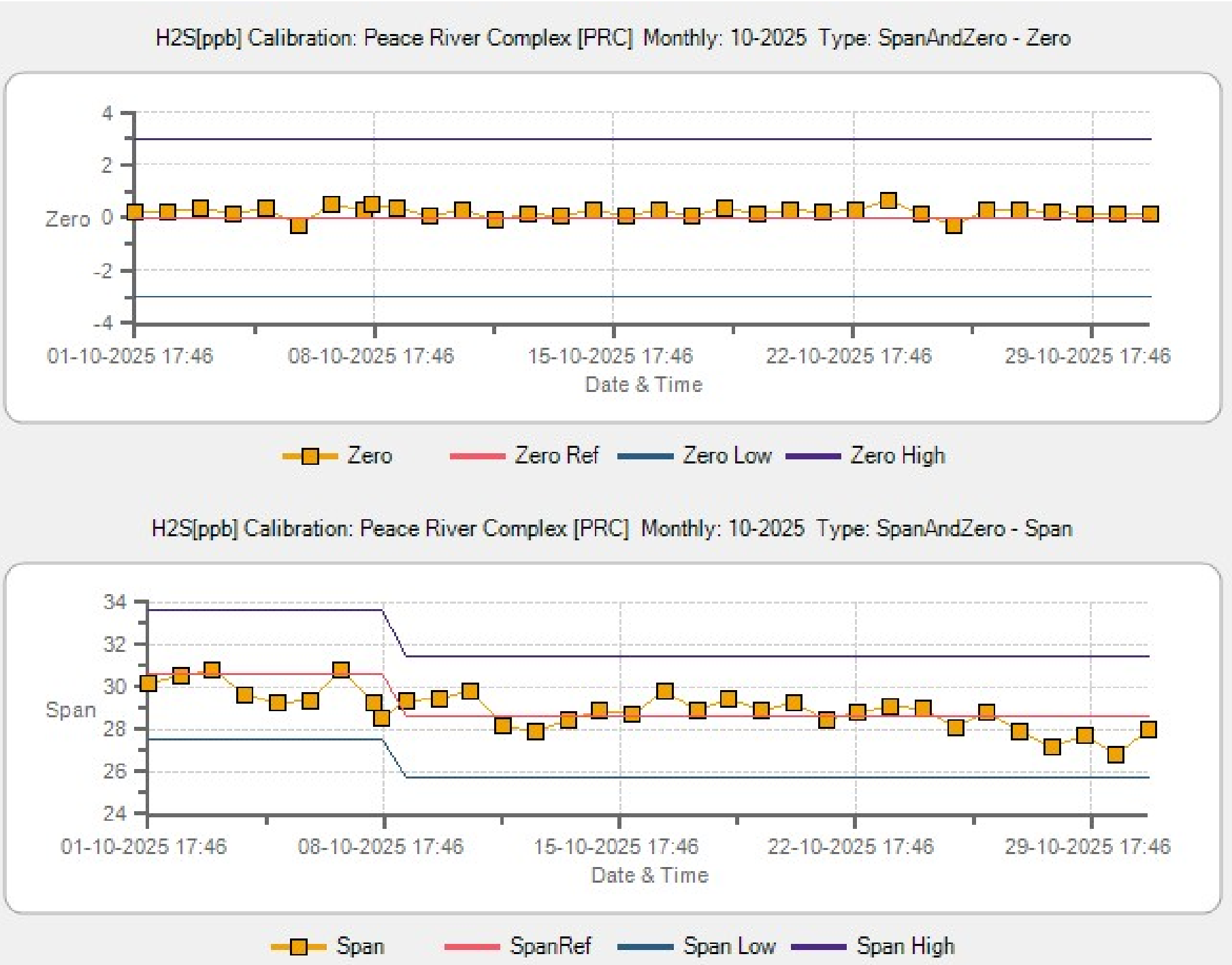
DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero

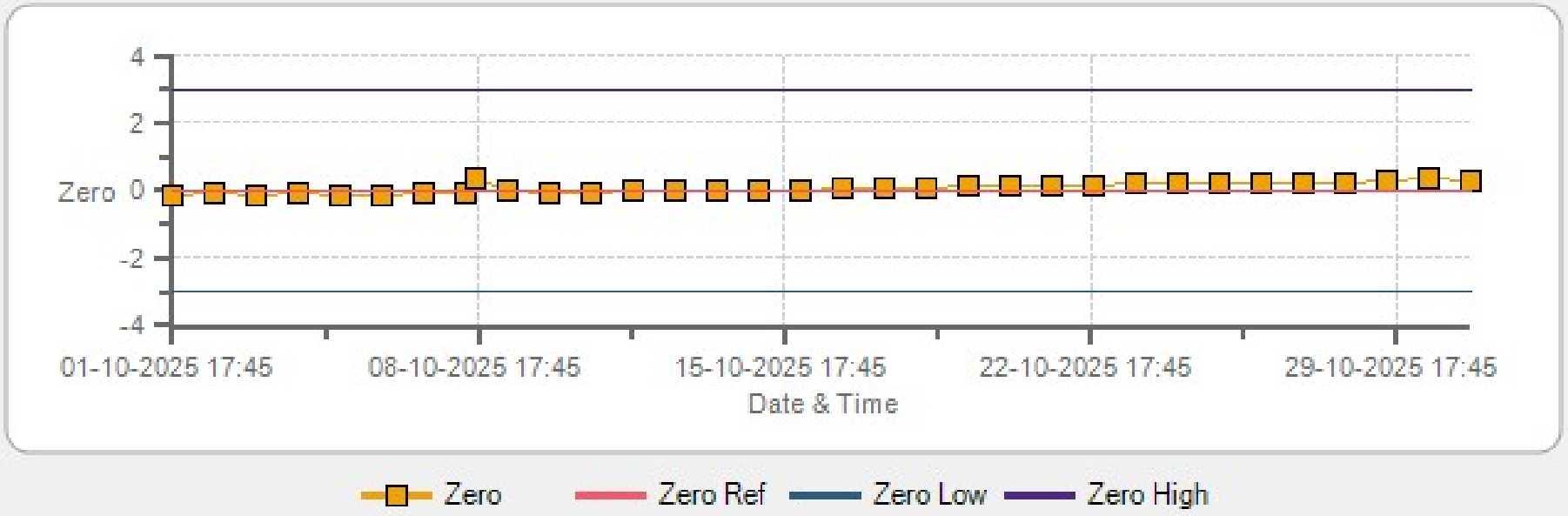


SO2[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span

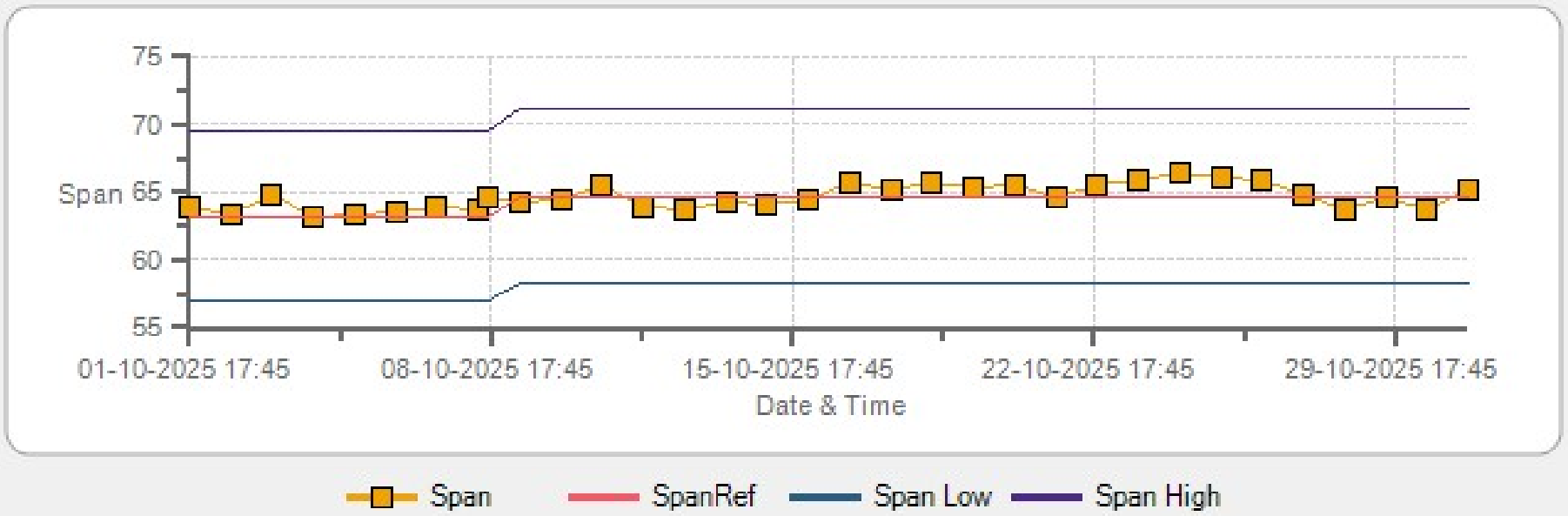



H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero
4
2
Zero 0
-2
-4
01-10-2025 17:46
08-10-2025 17:46
15-10-2025 17:46
22-10-2025 17:46
29-10-2025 17:46
Date & Time
Zero
Zero Ref
Zero Low
Zero High
H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span
34
32
30
Span
28
26
24
01-10-2025 17:46
08-10-2025 17:46
15-10-2025 17:46
22-10-2025 17:46
29-10-2025 17:46
Date & Time
Span
SpanRef
Span Low
Span High

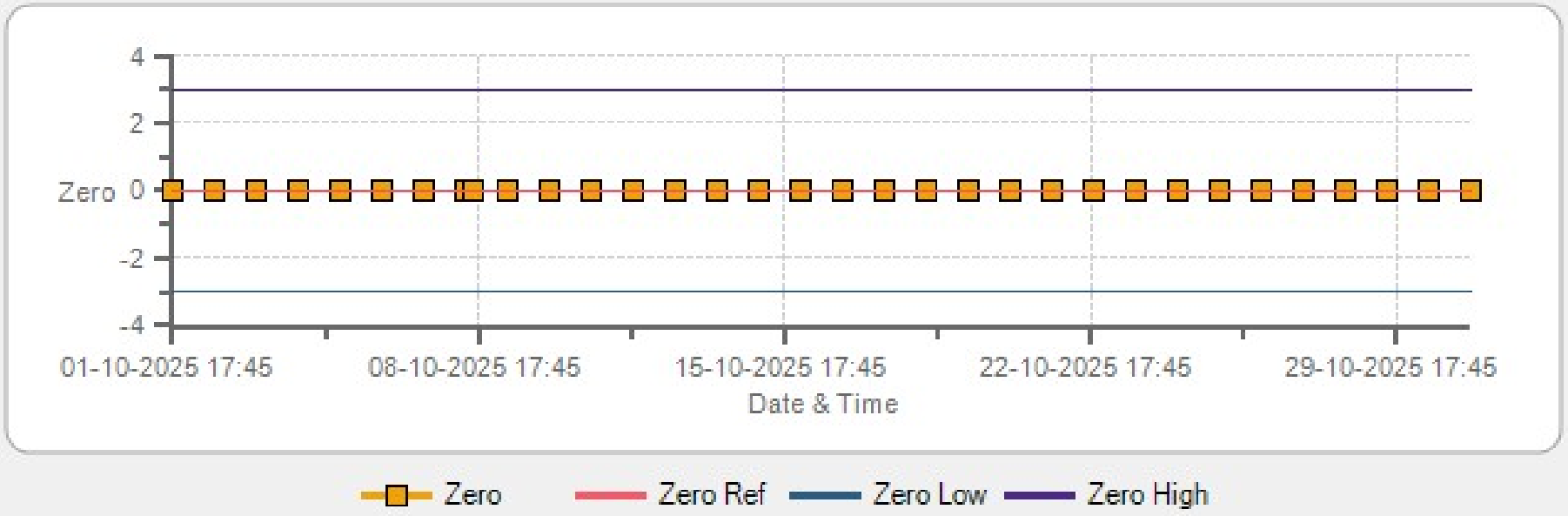
TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero



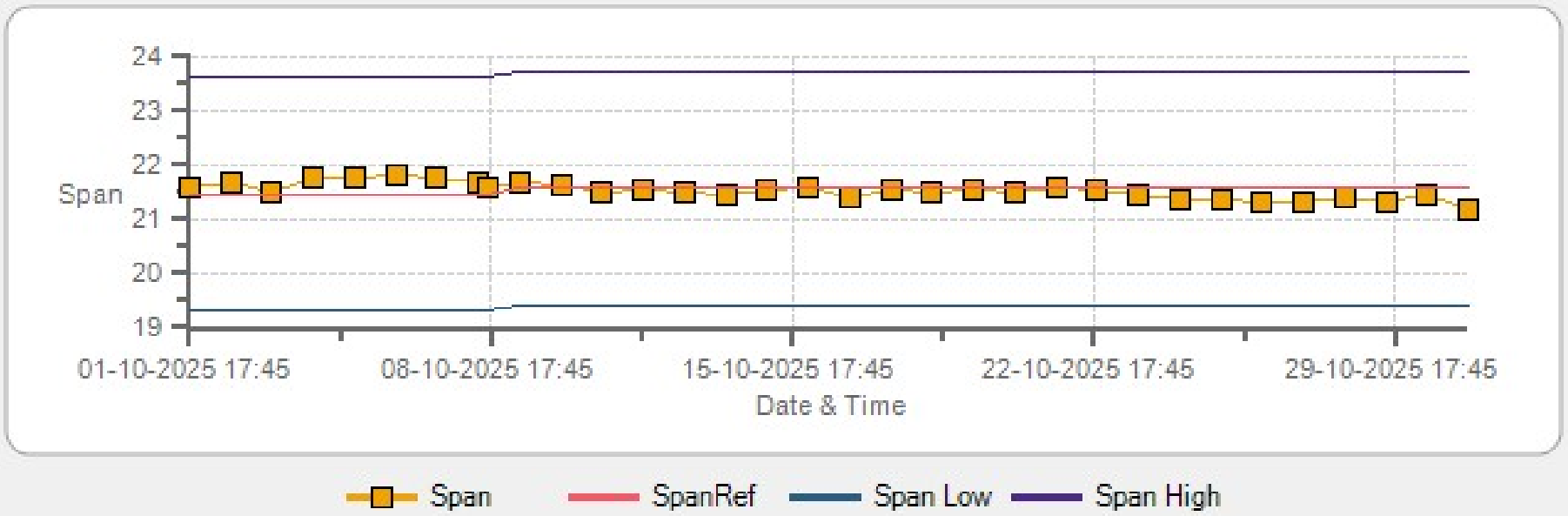
TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span



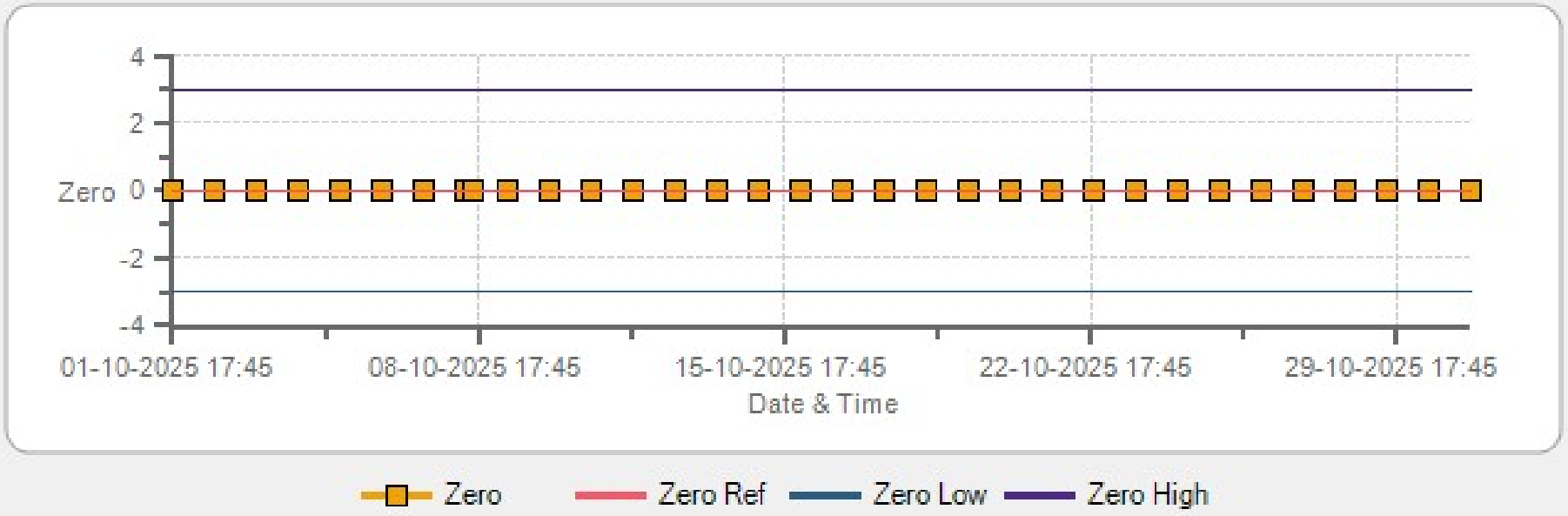
THC55[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero



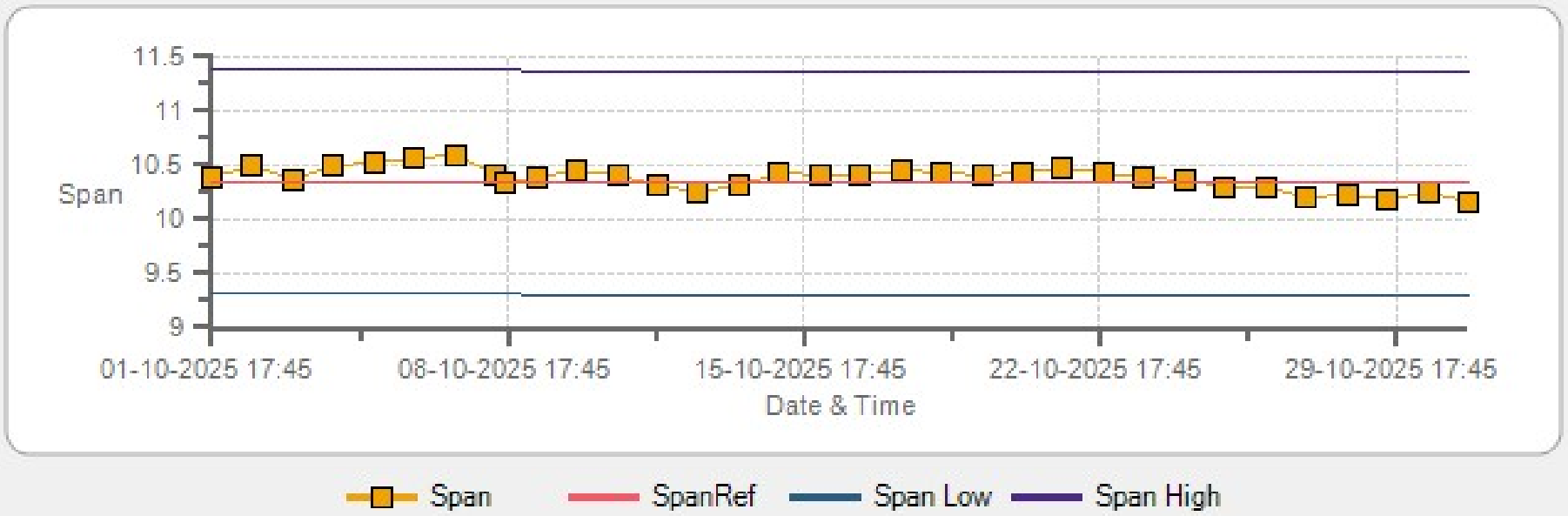
THC55[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span



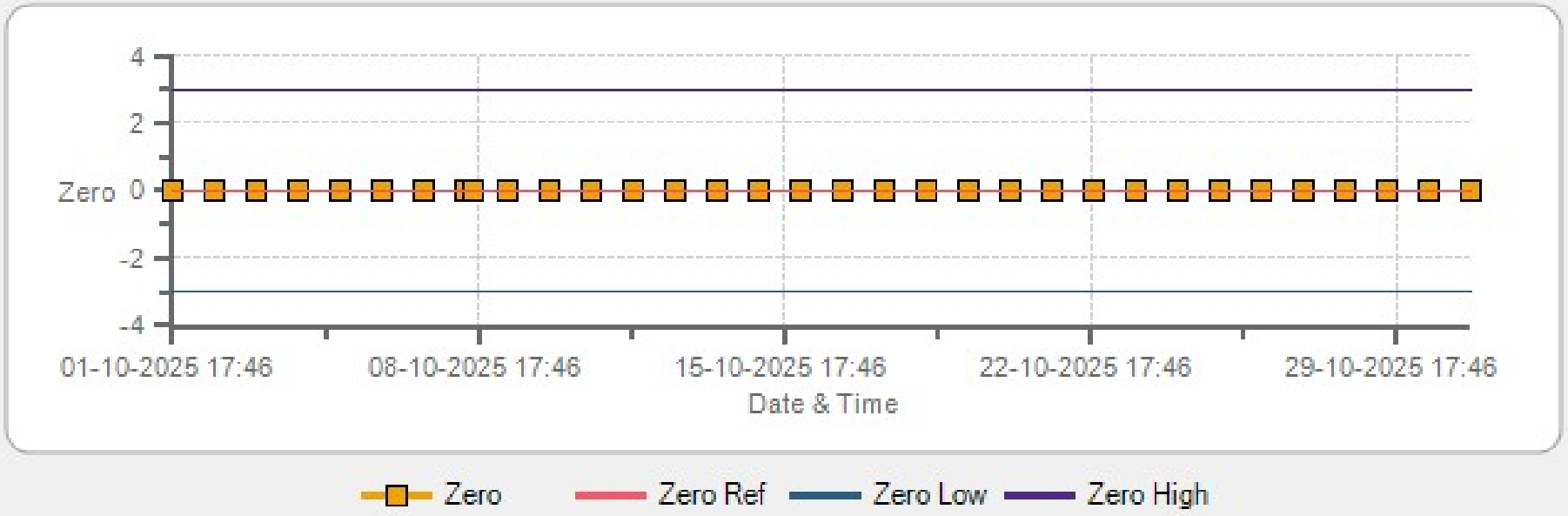
CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero



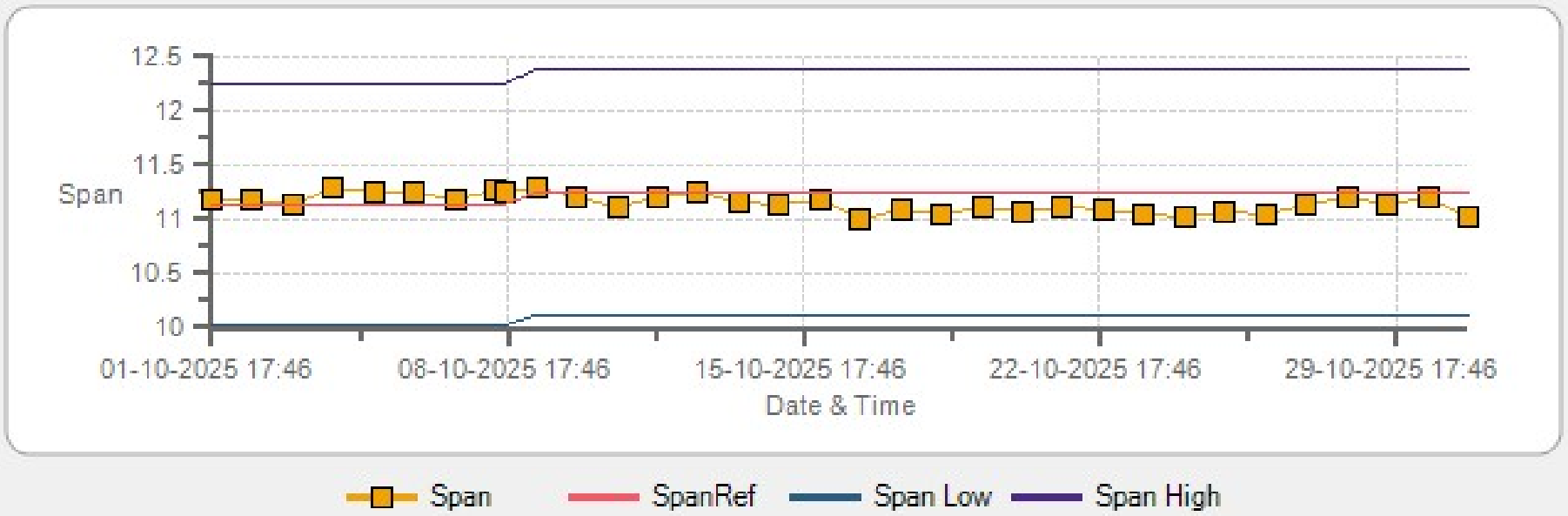
CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span



NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Zero



NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 10-2025 Type: SpanAndZero - Span



MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution

DATE:	08-Oct-2025	PREVIOUS CALIBRATION DATE:	17-Sep-2025
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	21.3
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	940
PURPOSE	Routine	START TIME (MST):	11:35
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:15

ANALYZER:

MAKE/MODEL	Thermo 43i	RANGE	500	ppb
SERIAL #	1034746225	FLOW (mL/min)	444	
INITIAL		FINAL		
BKG/OFFSET	20.7	BKG/OFFSET	20.3	
COEF/SLOPE	1.105	COEF/SLOPE	1.116	
Expected (reference) Value	371.1	Expected (reference) Value	373.2	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	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):	600	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:

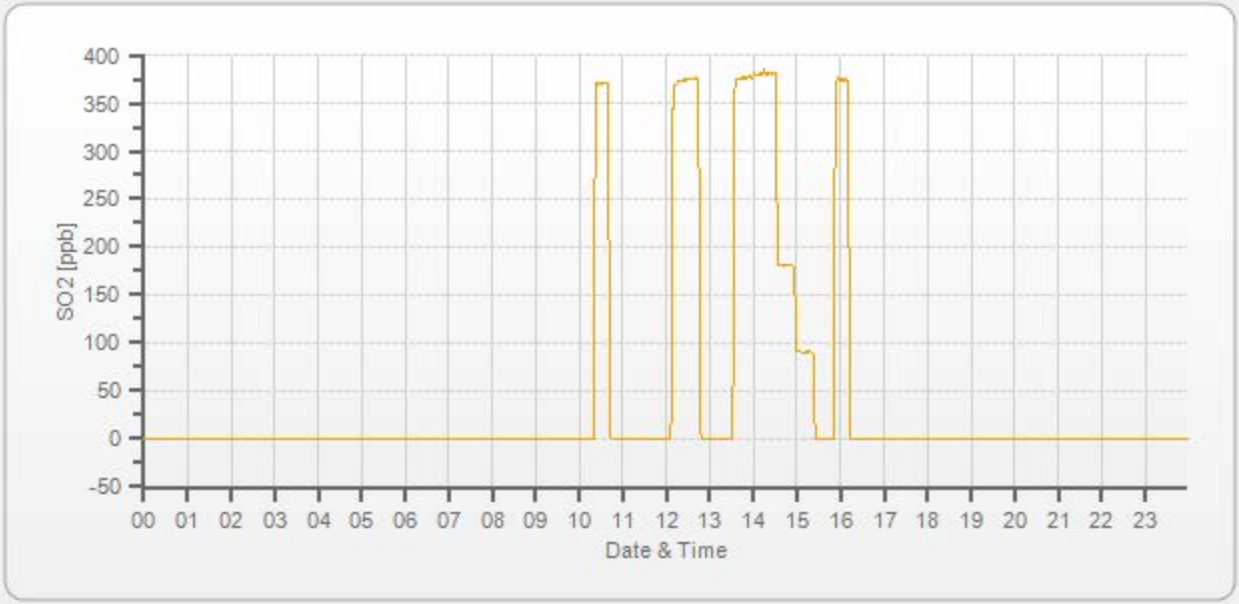
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	-0.3	0		
3939	60.60	4000	380.27	375	380.3	1.013	1.000
3968	28.70	3997	180.23	n/a	180.9	n/a	0.996
3984	14.40	3998	90.41	n/a	90.6	n/a	0.998

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	0.0%

COMMENTS:

Sample filter changed


SO2[ppb] Station: Peace River Complex [PRC] Daily: 2025-10-08 Type: AVG 1 Min. [1 Min.]
400
350
300
250
200
150
100
50
0
-50
SO2 [ppb]
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
SO2 [ppb]

H2S Analyzer Calibration by Dilution

DATE:	08-Oct-2025	PREVIOUS CALIBRATION DATE:	17-Sep-2025
PARAMETER:	H2S	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	21.3
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	940
PURPOSE	Routine	START TIME (MST):	11:35
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:15

ANALYZER:

MAKE/MODEL	Teledyne T100	RANGE	100	ppb
SERIAL #	1014	FLOW (mL/min)	511	
INITIAL		FINAL		
BKG/OFFSET	15.322	BKG/OFFSET	15.322	
COEF/SLOPE	0.973	COEF/SLOPE	0.974	
Expected (reference) Value	30.6	Expected (reference) Value	28.6	

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	1000	LOW ID	n/a
EXPIRY DATE	29-Sep-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:

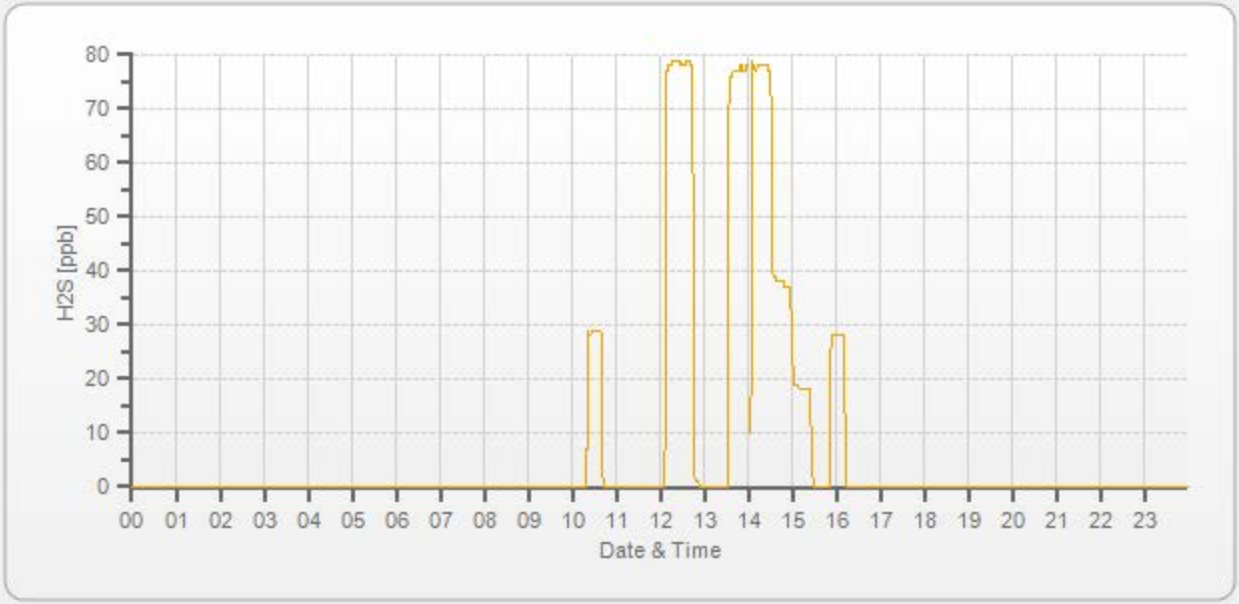
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	-0.1	0		
3968	32.20	4000	78.09	78.8	77.9	0.990	1.002
3981	15.70	3997	38.10	n/a	37.7	n/a	1.011
3993	7.80	4001	18.91	n/a	18.7	n/a	1.011

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.998	-0.1%

COMMENTS:

BV Analyser- Teledyne T101
13:59-14:05- Analyser unresponsive during adjusting


H2S[ppb] Station: Peace River Complex [PRC] Daily: 2025-10-08 Type: AVG 1 Min. [1 Min.]
H2S [ppb]
80
70
60
50
40
30
20
10
0
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Date & Time
H2S [ppb]

TRS Analyzer Calibration by Dilution

DATE:	08-Oct-2025	PREVIOUS CALIBRATION DATE:	17-Sep-2025
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	21.3
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	940
PURPOSE	Routine	START TIME (MST):	11:35
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	16:15

ANALYZER:

MAKE/MODEL	Thermo 43i-TLE	RANGE	100 ppb
SERIAL #	1162460022	FLOW (mL/min)	443
INITIAL		FINAL	
BKG/OFFSET	2.88	BKG/OFFSET	2.88
COEF/SLOPE	1.013	COEF/SLOPE	1.021
Expected (reference) Value	63.27	Expected (reference) Value	64.66

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	T701
ID:	58100720	ID:	74
MFC CALIBRATION DATE:	26-Aug-2025	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002455	HIGH ID	n/a
CONC (ppm):	9.70	EXPIRY DATE	n/a
CYLINDER (psi):	1000	LOW ID	2.63
EXPIRY DATE	29-Sep-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 (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
			ACTUAL	INDICATED		Initial	Final
DILUENT	GAS	TOTAL		Initial	Final		
3999		3999	0.00	-0.1	0		
3968	32.20	4000	78.09	77.13	78.23	1.011	0.998
3981	15.70	3997	38.10	n/a	37.97	n/a	1.003
3993	7.80	4001	18.91	n/a	18.9	n/a	1.001

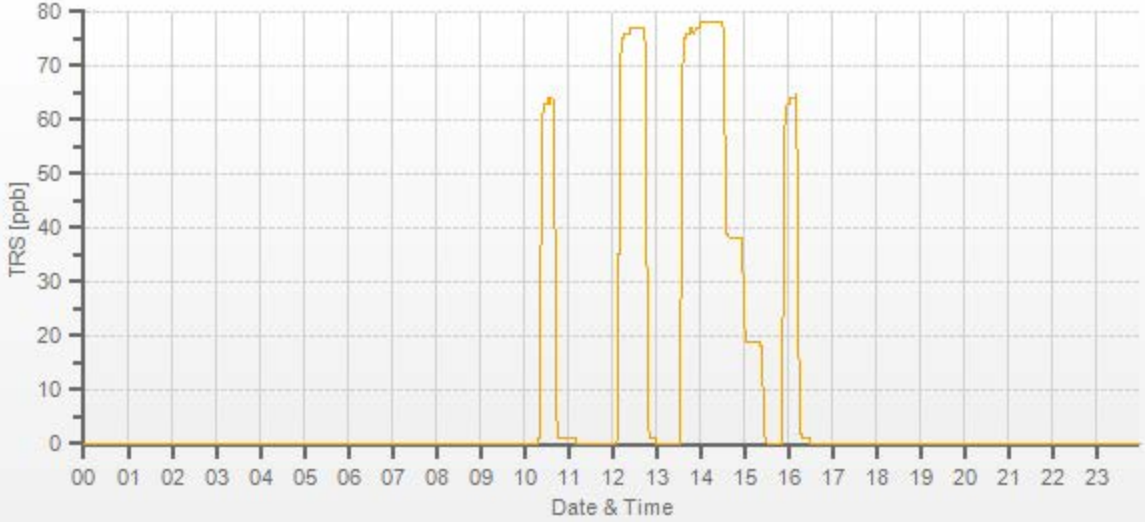
LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.002	-0.1%

COMMENTS:

Sample filter changed

TRS[ppb] Station: Peace River Complex [PRC] Daily: 2025-10-08 Type: AVG 1 Min. [1 Min.]



Methane/Non-Methane Analyzer Calibration by Dilution

CALIBRATION:

DATE:	08-Oct-2025	PREVIOUS CALIBRATION DATE:	17-Sep-2025
CLIENT:	PRAMP	TEMPERATURE (°C):	21.3
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	940
PURPOSE	Routine	START TIME (MST):	11:35
PERFORMED BY:	Kevin Sebastian	END TIME (MST):	15:27

ANALYZER:

VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
	Thermo 55i	1034745845	1084
PARAMETER:	CH4	NMHC	THC
RANGE (ppm):	20	20	40
PREVIOUS CF:	1.001	0.999	1.000

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:			FLOWMETERS (if applicable):	
MAKE:	SABIO	MAKE:	Teledyne	CYLINDER ID:	LL83929		HIGH ID:	n/a
MODEL:	2010	MODEL:	T701	CH_4/C_3H_8 (ppm):	908.0	299.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	74	CYLINDER (psi):	1500		LOW ID:	n/a
MFC CALIBRATION DATE:	27-Aug-2025	OXIDIZER ID:	n/a	EXPIRY DATE	28-Feb-2032		LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH4/NMHC)	HIGH	MID	LOW	CH4 EQUIVILANCE		Zero Chrom	
TARGET	14	7	3.5	C_3H_8 as CH_4	822.25	Use Zero Chrom?	Yes
RANGE	12 - 16	6 - 8	2 - 4	THC as CH_4	1730.25	New Zero Chrom?	n/a

EXPECTED (REFERENCE) VALUE:

INITIAL	CH4	NMHC	THC	FINAL	CH4	NMHC	THC
	10.35	11.13	21.47		10.34	11.25	21.59

CALIBRATION:

FLOW RATE (mL/min)			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC	CH4	NMHC	THC
3499		3499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
3444	56.60	3501	14.68	13.29	27.97	14.82	13.32	28.14	14.69	13.33	28.02	0.991	0.998	0.994	0.999	0.997	0.998
3474	28.30	3502	7.34	6.64	13.98	n/a	n/a	n/a	7.30	6.65	13.95	n/a	n/a	n/a	1.005	0.999	1.002
3486	14.20	3500	3.68	3.34	7.02	n/a	n/a	n/a	3.63	3.30	6.93	n/a	n/a	n/a	1.015	1.011	1.013

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
CH4	1.000	1.002	-0.2%
NMHC	1.000	1.004	-0.1%
THC	1.000	1.003	-0.1%

Comments:

Sample filter changed

Station: Peace River Complex [PRC] Daily: 2025-10-08 Type: AVG 1 Min. [1 Min.]

Meteorological System Checklist

Date:	October 8, 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:	September 17, 2025		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	Traceable 230557117 expires July 02, 2026		
Reference Temperature (^{o}C):	9.1		
Station - Ambient Temperature (^{o}C):	8.7		
Temperature Difference (^{o}C):	0.4		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	September 17, 2025		
Reference Barometer ID:	Brunton 05490 Expires June 27, 2026		
Reference Pressure - Units/Reading:	millibar	941	
Station Pressure - Units/Reading:	millibar	939	
Pressure Tolerance +/- 15% of error:	800 - 1082	0.21%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	September 17, 2025		
Reference Hygrometer ID:	Traceable 230557117 expires July 02, 2026		
Reference Hygrometer % RH- Reading:	48.80		
Station Hygrometer % RH- Reading:	50.90		
RH Tolerance +/- 15% of difference:	41.48 - 56.12	-4.3%	

ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	September 17, 2025	Previous check date:	September 17, 2025
Wind Speed Observed (kph):	10~20	Wind Direction Observed:	N
Wind speed on Data Logger (kph):	12.4	Wind Direction on Data Logger:	N
		Wind Direction Pass/Fail?:	Pass

Comments

No issues.

Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	**Performed By:**	Kevin Sebastian
Audit Location:	PRC Compliance	**Reviewed By:**	Limin Li
Audit Date:	September 17, 2025	**Start/End Time (mst):**	10:27/11:02
Calibration Purpose:	routine annual	**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:	September 10, 2024	**Direction Unit Output Range:**	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18801 id# R9133 expires Dec 23, 2026

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	92.3	92.2	0.999
6000	110.6	111.0	110.9	0.997
7000	129.0	129.4	129.5	0.997
8000	147.4	148.1	147.8	0.997
9000	165.9	166.7	166.7	0.995
10000	184.3	185.2	185.3	0.995
		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	61	300	-1.0	0.0	0.5
90	270	94	270	-4.0	0.0	2.0
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	92	0.0	-2.0	1.0
300	60	300	61	0.0	-1.0	0.5
330	30	329	30	1.0	0.0	0.5
355	0	353	1	2.0	1.0	1.5
The audit meets AMD requirements.			**Average Absolute Degrees Difference=**			**1.4**

Comments:

Declination = 15 deg East

END OF REPORT

List of SOPs

MONITOR	SOP
SULPHUR DIOXIDE (SO_2)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
HYDROGEN SULPHIDE (H_2S)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
TOTAL REDUCED SULPHUR (TRS)	Bureau Veritas EMS SOP-00209: Ambient Sulphur Monitoring
TOTAL HYDROCARBONS (THC), METHANE (CH4), NON-METHANE(NMHC)	Bureau Veritas EMS SOP-00001: Methane, Non-Methane Hydrocarbon Analyzer Monitoring
OXIDES OF NITROGEN (NOx), NITRIC OXIDE (NO) & NITROGEN DIOXIDE (NO_2)	Bureau Veritas EMS SOP-00213: Ambient NO/NO_2/NOx Monitoring
OZONE (O3)	Bureau Veritas EMS SOP-00212: Ambient O3 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

OCTOBER 2025

Monthly Ambient Air Quality Monitoring Integrated Sampling Report

PRAMP-202510-INTEGRATED

November 18, 2025

Pages may be left blank for double-sided printing

Table of Contents

NETWORK STATION SUMMARY 5
Listing of Integrated Sampling Stations 5
Listing of Passives: 1-Month Exposure Sampling Sites 5
List of Contractors who performed the air monitoring activities 5
Monitoring Notes during the Month of October 2025 6
Revisions to Alberta's Ambient Air Quality Data Warehouse 7
Deviations from Authorized Monitoring Methods 7
Certification 8
Map of PRAMP Continuous Monitoring and Integrated Sampling Network 9
INTEGRATED SAMPLING RESULTS SUMMARY 10
ANALYTICAL SAMPLING RESULTS 11
NMHC Canisters – VOCs 12
Passives 17
End of Report 19

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

November 18, 2025

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

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

Enclosed is the October 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_2S, 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_2S, SO_2	PRAMP	Bureau Veritas	PRAMP	PRAMP

Monitoring Notes during the Month of October 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.
  - One valid NMHC canister event was recorded at the Reno-B station on October 23 at 04:05; NMHC 5-minute concentration was recorded at 0.32ppm at 04:00.

- **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 September and October 2025 were installed on August 31. They were removed on November 3.
  - The sample media for sampling period of November 3 and December 3 2025 were installed on November 3. They are scheduled to be removed by the end of December.

- **Passives H_2S and SO_2 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 October 01, and were removed on October 30.

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).

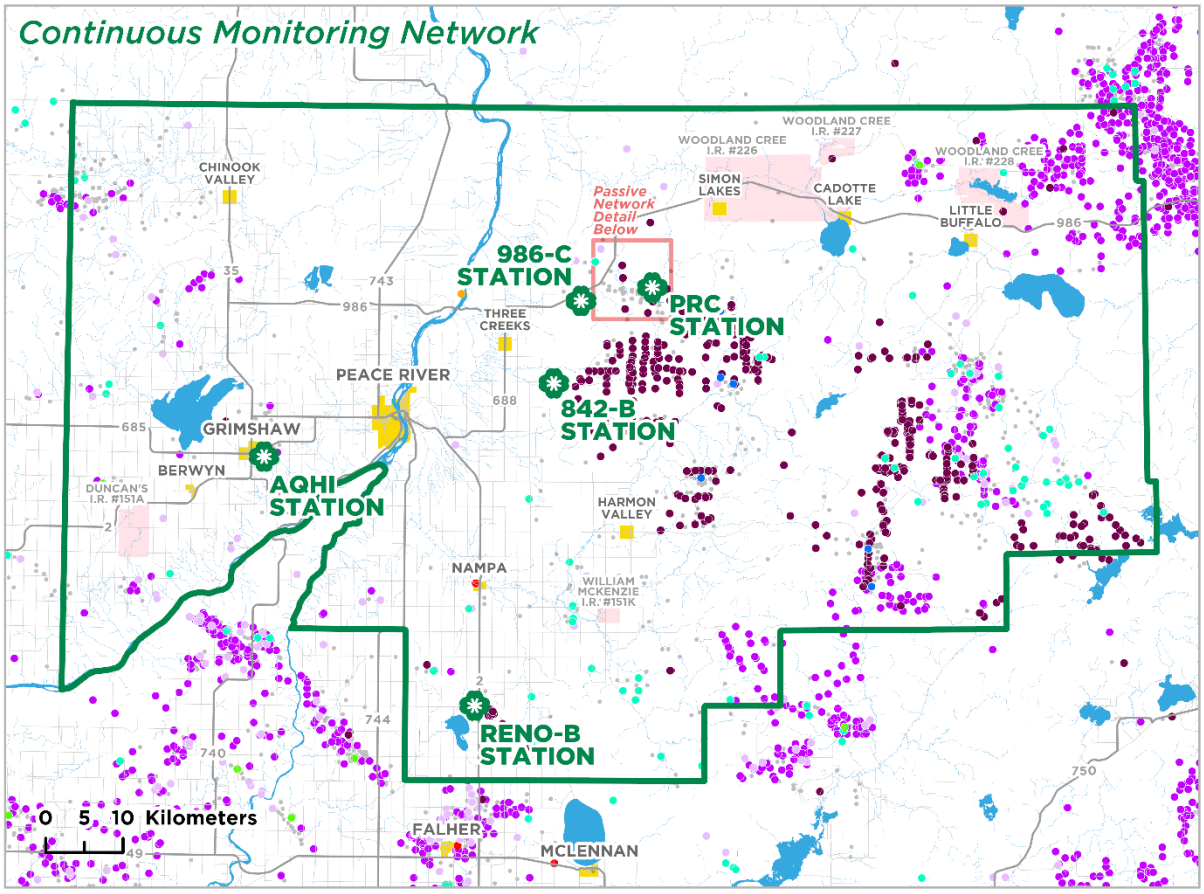
Lily Lin, Technical Program Manager, PRAMP Airshed

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
November 18, 2025

Map of PRAMP Continuous Monitoring and Integrated Sampling Network

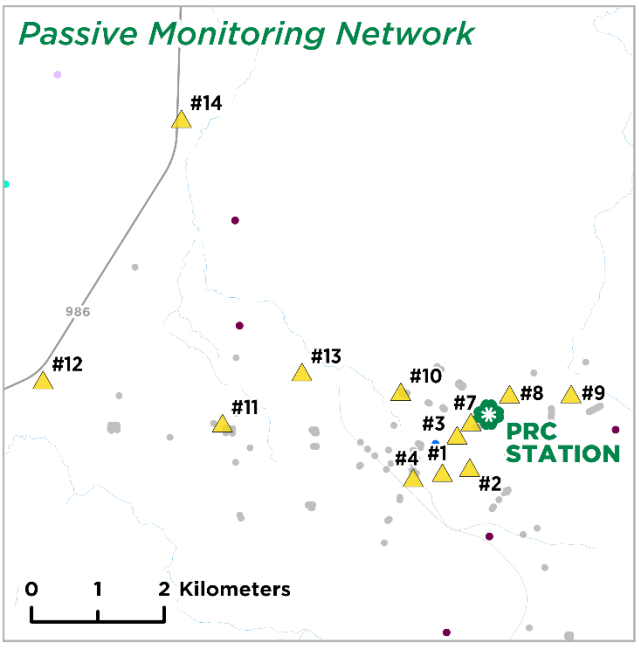


Legend

- 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 Credits: Esri, CGIAR, USGS, Esri, USGS

INTEGRATED SAMPLING RESULTS SUMMARY

- **NMHC analytical results**

Sample Date/Time	2025-10-23 @04:05							
Canister Sample	Non-methane Hydrocarbon							
Canister ID	28905							
Method	NA-025		Method	NA-024		Method	AC-058	
Maximum Reading (ppmv)	1.8	Methane	Maximum Reading (ppmv)	-	-	Maximum Reading (ppmv)	3.2	Acetone

Sample Date/Time	2025-10-23 @04:05							
Canister Sample	Non-methane Hydrocarbon - BLANK							
Canister ID	32259							
Method	NA-025		Method	NA-024		Method	AC-058	
Maximum Reading (ppmv)	-	-	Maximum Reading (ppmv)	-	-	Maximum Reading (ppmv)	0.05	n-Butane

- **Passive analytical results**

	H_2S		**SO_2**	
Minimum (ppb)	0.07	#2	0.1	#2
Maximum (ppb)	0.19	#12	0.3	#12
Average (ppb)	0.11	-	0.18	-

ANALYTICAL SAMPLING RESULTS

NMHC Canisters – VOCs

peace river area monitoring program pramp

PEACE RIVER AREA MONITORING PROGRAM

842-B Station - October 2025

Volatile Organic Compounds (VOCs) Results

Sample Date/Time	**2025-10-23 @04:05**								
Canister Sample	**Non-methane Hydrocarbon**								
Canister ID	**28905**								
Method	**NA-025**		**Method**	**NA-024**		**Method**		**AC-058**	
Maximum Reading (ppmv)	**1.8**	**Methane**	**Maximum Reading (ppmv)**	**-**	**-**	**Maximum Reading (ppmv)**		**3.2**	**Acetone**
Parameter	**Result (ppmv)**	**RDL (ppmv)**	**Parameter**	**Result (ppbv)**	**RDL (ppbv)**	**Parameter**	**AAAQOs (ppb**	**Result (ppbv)**	**RDL (ppbv)**
1-Butene	< 0.10	0.1	2,5-Dimethylthiophene	< 0.3	0.3	1,1,1-Trichloroethane		< 0.02	0.02
Acetylene	< 0.08	0.08	2-Ethylthiophene	< 0.2	0.2	1,1,2,2-Tetrachloroethane		< 0.02	0.02
cis-2-Butene	< 0.04	0.04	2-Methylthiophene	< 0.2	0.2	1,1,2-Trichloroethane		< 0.02	0.02
Ethane	< 0.1	0.1	3-Methylthiophene	< 0.3	0.3	1,1-Dichloroethane		< 0.02	0.02
Ethylacetylene	< 0.06	0.06	Butyl mercaptan	< 0.3	0.3	1,1-Dichloroethylene		< 0.02	0.02
Ethylene	< 0.07	0.07	Carbon disulphide	< 0.2	0.2	1,2,3-Trimethylbenzene		< 0.05	0.05
Isobutane	< 0.1	0.1	Carbonyl sulphide	< 0.3	0.3	1,2,4-Trichlorobenzene		< 0.3	0.3
Isobutylene	< 0.1	0.1	Dimethyl disulphide	< 0.2	0.2	1,2,4-Trimethylbenzene		0.03	0.03
Methane	**1.8**	0.1	Dimethyl sulphide	< 0.2	0.2	1,2-Dibromoethane		< 0.02	0.02
n-Butane	< 0.2	0.2	Ethyl mercaptan	< 0.3	0.3	1,2-Dichlorobenzene		< 0.03	0.03
n-Propane	< 0.07	0.07	Ethyl sulphide	< 0.3	0.3	1,2-Dichloroethane		0.03	0.03
Propylene	< 0.1	0.1	Hydrogen sulphide	< 0.1	0.1	1,2-Dichloropropane		< 0.03	0.03
Propyne	< 0.1	0.1	Isobutyl mercaptan	< 0.3	0.3	1,3,5-Trimethylbenzene		< 0.03	0.03
trans-2-Butene	< 0.09	0.09	Isopropyl mercaptan	< 0.1	0.1	1,3-Butadiene		< 0.03	0.03
			Methyl mercaptan	< 0.2	0.2	1,3-Dichlorobenzene		< 0.4	0.4
			Pentyl mercaptan	< 0.4	0.4	1,4-Dichlorobenzene		< 0.4	0.4
			Propyl mercaptan	< 0.4	0.4	1,4-Dioxane		< 0.5	0.5
			tert-Butyl mercaptan	< 0.3	0.3	1-Butene/Isobutylene		0.53	0.06
			Thiophene	< 0.2	0.2	1-Hexene/2-Methyl-1-pentene		< 0.07	0.07
						1-Pentene		< 0.03	0.03
						2,2,4-Trimethylpentane		< 0.02	0.02
						2,2-Dimethylbutane		< 0.02	0.02
						2,3,4-Trimethylpentane		< 0.02	0.02
						2,3-Dimethylbutane		< 0.09	0.09
						2,3-Dimethylpentane		< 0.02	0.02
						2,4-Dimethylpentane		< 0.03	0.03
						2-Methylheptane		< 0.02	0.02
						2-Methylhexane		< 0.03	0.03
						2-Methylpentane		0.03	0.02
						3-Methylheptane		< 0.03	0.03
						3-Methylhexane		< 0.02	0.02
						3-Methylpentane		0.02	0.02
						Acetone	2400	3.2	0.4
						Acrolein	1.9	< 0.3	0.3
						Benzene	9.0	0.08	0.03
						Benzyl chloride		< 0.3	0.3
						Bromodichloromethane		< 0.03	0.03
						Bromoform		< 0.02	0.02
						Bromomethane		< 0.02	0.02
						Carbon disulfide	10	< 0.02	0.02
						Carbon tetrachloride		0.11	0.02
						Chlorobenzene		< 0.02	0.02
						Chloroethane		< 0.02	0.02
						Chloroform		0.02	0.02
						Chloromethane		0.67	0.04
						cis-1,2-Dichloroethene		< 0.02	0.02
						cis-1,3-Dichloropropene		< 0.03	0.03
						cis-2-Butene		< 0.03	0.03
						cis-2-Pentene		< 0.02	0.02
						Cyclohexane		< 0.04	0.04
						Cyclopentane		< 0.02	0.02
						Dibromochloromethane		< 0.02	0.02
						Ethanol		1.2	0.5
						Ethyl acetate		< 0.3	0.3
						Ethylbenzene	460	< 0.03	0.03
						Freon-11		0.25	0.02
						Freon-113		0.09	0.02
						Freon-114		< 0.03	0.03

peace river area monitoring program pramp

PEACE RIVER AREA MONITORING PROGRAM

842-B Station - October 2025

Volatile Organic Compounds (VOCs) Results

Sample Date/Time	2025-10-23 @04:05							
Canister Sample	Non-methane Hydrocarbon							
Canister ID	28905							
Method	**NA-025**		**Method**	**NA-024**		**Method**		**AC-058**
Maximum Reading (ppmv)	**1.8**	**Methane**	**Maximum Reading (ppmv)**	**-**	**-**	**Maximum Reading (ppmv)**		**3.2**	**Acetone**
Parameter	**Result (ppmv)**	**RDL (ppmv)**	**Parameter**	**Result (ppbv)**	**RDL (ppbv)**	**Parameter**	**AAAQOs (ppb**	**Result (ppbv)**	**RDL (ppbv)**
						Freon-12		0.47	0.03
						Hexachloro-1,3-butadiene		< 0.3	0.3
						Isobutane		**0.23**	0.03
						Isopentane		0.3	0.04
						Isoprene		0.02	0.02
						Isopropyl alcohol		< 0.3	0.3
						Isopropylbenzene		< 0.04	0.04
						m,p-Xylene		0.09	0.04
						m-Diethylbenzene		< 0.02	0.02
						m-Ethyltoluene		< 0.03	0.03
						Methyl butyl ketone		< 0.4	0.4
						Methyl ethyl ketone		< 0.3	0.3
						Methyl isobutyl ketone		< 0.3	0.3
						Methyl methacrylate		< 0.08	0.08
						Methyl tert butyl ether		< 0.03	0.03
						Methylcyclohexane		< 0.02	0.02
						Methylcyclopentane		< 0.05	0.05
						Methylene chloride		< 0.3	0.3
						n-Butane		**0.5**	0.02
						n-Decane		< 0.06	0.06
						n-Dodecane		< 0.3	0.3
						n-Heptane		< 0.04	0.04
						n-Hexane	5960	0.04	0.03
						n-Nonane		0.06	0.04
						n-Octane		0.02	0.02
						n-Pentane		0.19	0.04
						n-Propylbenzene		< 0.06	0.06
						n-Undecane		< 0.5	0.5
						Naphthalene		< 0.3	0.3
						o-Ethyltoluene		< 0.02	0.02
						o-Xylene		0.06	0.03
						p-Diethylbenzene		< 0.02	0.02
						p-Ethyltoluene		< 0.04	0.04
						Styrene	52.0	< 0.04	0.04
						Tetrachloroethylene		< 0.02	0.02
						Tetrahydrofuran		< 0.3	0.3
						Toluene	499	0.06	0.03
						trans-1,2-Dichloroethylene		< 0.06	0.06
						trans-1,3-Dichloropropylene		< 0.02	0.02
						trans-2-Butene		< 0.03	0.03
						trans-2-Pentene		< 0.02	0.02
						Trichloroethylene		< 0.02	0.02
						Vinyl acetate		< 0.3	0.3
						Vinyl chloride	51	< 0.02	0.02

peace river area monitoring program pramp

PEACE RIVER AREA MONITORING PROGRAM

Reno-B Station - October 2025

Volatile Organic Compounds (VOCs) Results

Sample Date/Time	2025-10-23 @04:05
Canister Sample	Non-methane Hydrocarbon - BLANK
Canister ID	32259

Method	NA-025		Method	NA-024		Method		AC-058	
Maximum Reading (ppmv)	-	-	Maximum Reading (ppmv)	-	-	Maximum Reading (ppmv)		0.05	n-Butane
Parameter	**Result (ppmv)**	**RDL (ppmv)**	**Parameter**	**Result (ppbv)**	**RDL (ppbv)**	**Parameter**	**AAAQOs (ppb**	**Result (ppbv)**	**RDL (ppbv)**
1-Butene	< 0.10	0.1	2,5-Dimethylthiophene	< 0.3	0.3	1,1,1-Trichloroethane		< 0.02	0.02
Acetylene	< 0.08	0.08	2-Ethylthiophene	< 0.2	0.2	1,1,2,2-Tetrachloroethane		< 0.02	0.02
cis-2-Butene	< 0.04	0.04	2-Methylthiophene	< 0.2	0.2	1,1,2-Trichloroethane		< 0.02	0.02
Ethane	< 0.1	0.1	3-Methylthiophene	< 0.3	0.3	1,1-Dichloroethane		< 0.02	0.02
Ethylacetylene	< 0.06	0.06	Butyl mercaptan	< 0.3	0.3	1,1-Dichloroethylene		< 0.02	0.02
Ethylene	< 0.07	0.07	Carbon disulphide	< 0.2	0.2	1,2,3-Trimethylbenzene		< 0.05	0.05
Isobutane	< 0.1	0.1	Carbonyl sulphide	< 0.3	0.3	1,2,4-Trichlorobenzene		< 0.3	0.3
Isobutylene	< 0.1	0.1	Dimethyl disulphide	< 0.2	0.2	1,2,4-Trimethylbenzene		< 0.03	0.03
Methane	1.8	0.1	Dimethyl sulphide	< 0.2	0.2	1,2-Dibromoethane		< 0.02	0.02
n-Butane	< 0.2	0.2	Ethyl mercaptan	< 0.3	0.3	1,2-Dichlorobenzene		< 0.03	0.03
n-Propane	< 0.07	0.07	Ethyl sulphide	< 0.3	0.3	1,2-Dichloroethane		< 0.03	0.03
Propylene	< 0.1	0.1	Hydrogen sulphide	< 0.1	0.1	1,2-Dichloropropane		< 0.03	0.03
Propyne	< 0.1	0.1	Isobutyl mercaptan	< 0.3	0.3	1,3,5-Trimethylbenzene		< 0.03	0.03
trans-2-Butene	< 0.09	0.09	Isopropyl mercaptan	< 0.1	0.1	1,3-Butadiene		< 0.03	0.03
			Methyl mercaptan	< 0.2	0.2	1,3-Dichlorobenzene		< 0.4	0.4
			Pentyl mercaptan	< 0.4	0.4	1,4-Dichlorobenzene		< 0.4	0.4
			Propyl mercaptan	< 0.4	0.4	1,4-Dioxane		< 0.5	0.5
			tert-Butyl mercaptan	< 0.3	0.3	1-Butene/Isobutylene		< 0.06	0.06
			Thiophene	< 0.2	0.2	1-Hexene/2-Methyl-1-pentene		< 0.07	0.07
						1-Pentene		< 0.03	0.03
						2,2,4-Trimethylpentane		< 0.02	0.02
						2,2-Dimethylbutane		< 0.02	0.02
						2,3,4-Trimethylpentane		< 0.02	0.02
						2,3-Dimethylbutane		< 0.09	0.09
						2,3-Dimethylpentane		< 0.02	0.02
						2,4-Dimethylpentane		< 0.03	0.03
						2-Methylheptane		< 0.02	0.02
						2-Methylhexane		< 0.03	0.03
						2-Methylpentane		< 0.02	0.02
						3-Methylheptane		< 0.03	0.03
						3-Methylhexane		< 0.02	0.02
						3-Methylpentane		< 0.02	0.02
						Acetone	2400	< 0.4	0.4
						Acrolein	1.9	< 0.3	0.3
						Benzene	9.0	< 0.03	0.03
						Benzyl chloride		< 0.3	0.3
						Bromodichloromethane		< 0.03	0.03
						Bromoform		< 0.02	0.02
						Bromomethane		< 0.02	0.02
						Carbon disulfide	10	< 0.02	0.02
						Carbon tetrachloride		< 0.02	0.02
						Chlorobenzene		< 0.02	0.02
						Chloroethane		< 0.02	0.02
						Chloroform		< 0.02	0.02
						Chloromethane		< 0.04	0.04
						cis-1,2-Dichloroethene		< 0.02	0.02
						cis-1,3-Dichloropropene		< 0.03	0.03
						cis-2-Butene		< 0.03	0.03
						cis-2-Pentene		< 0.02	0.02
						Cyclohexane		< 0.04	0.04
						Cyclopentane		< 0.02	0.02
						Dibromochloromethane		< 0.02	0.02
						Ethanol		< 0.5	0.5
						Ethyl acetate		< 0.3	0.3
						Ethylbenzene	460	< 0.03	0.03
						Freon-11		< 0.02	0.02
						Freon-113		< 0.02	0.02
						Freon-114		< 0.03	0.03

peace river area monitoring program pramp

PEACE RIVER AREA MONITORING PROGRAM

Reno-B Station - October 2025

Volatile Organic Compounds (VOCs) Results

Sample Date/Time	2025-10-23 @04:05								
Canister Sample	Non-methane Hydrocarbon - BLANK								
Canister ID	32259								
Method	**NA-025**		**Method**	**NA-024**		**Method**		**AC-058**	
Maximum Reading (ppmv)	-	-	**Maximum Reading (ppmv)**	-	-	**Maximum Reading (ppmv)**		**0.05**	**n-Butane**
Parameter	**Result (ppmv)**	**RDL (ppmv)**	**Parameter**	**Result (ppbv)**	**RDL (ppbv)**	**Parameter**	**AAAQOs (ppb**	**Result (ppbv)**	**RDL (ppbv)**
						Freon-12		< 0.03	0.03
						Hexachloro-1,3-butadiene		< 0.3	0.30
						Isobutane		< 0.03	0.03
						Isopentane		< 0.04	0.04
						Isoprene		< 0.02	0.02
						Isopropyl alcohol		< 0.3	0.3
						Isopropylbenzene		< 0.04	0.04
						m,p-Xylene		< 0.04	0.04
						m-Diethylbenzene		< 0.02	0.02
						m-Ethyltoluene		< 0.03	0.03
						Methyl butyl ketone		< 0.4	0.40
						Methyl ethyl ketone		< 0.3	0.3
						Methyl isobutyl ketone		< 0.3	0.3
						Methyl methacrylate		< 0.08	0.08
						Methyl tert butyl ether		< 0.03	0.03
						Methylcyclohexane		< 0.02	0.02
						Methylcyclopentane		< 0.05	0.05
						Methylene chloride		< 0.3	0.3
						n-Butane		0.05	0.02
						n-Decane		< 0.06	0.06
						n-Dodecane		< 0.3	0.3
						n-Heptane		< 0.04	0.04
						n-Hexane	5960	< 0.03	0.03
						n-Nonane		< 0.04	0.04
						n-Octane		< 0.02	0.02
						n-Pentane		< 0.04	0.0
						n-Propylbenzene		< 0.06	0.06
						n-Undecane		< 0.5	0.5
						Naphthalene		< 0.3	0.3
						o-Ethyltoluene		< 0.02	0.02
						o-Xylene		< 0.03	0.03
						p-Diethylbenzene		< 0.02	0.02
						p-Ethyltoluene		< 0.04	0.04
						Styrene	52.0	< 0.04	0.04
						Tetrachloroethylene		< 0.02	0.02
						Tetrahydrofuran		< 0.3	0.3
						Toluene	499	< 0.03	0.03
						trans-1,2-Dichloroethylene		< 0.06	0.06
						trans-1,3-Dichloropropylene		< 0.02	0.02
						trans-2-Butene		< 0.03	0.03
						trans-2-Pentene		< 0.02	0.02
						Trichloroethylene		< 0.02	0.02
						Vinyl acetate		< 0.3	0.3
						Vinyl chloride	51	< 0.02	0.02

Passives

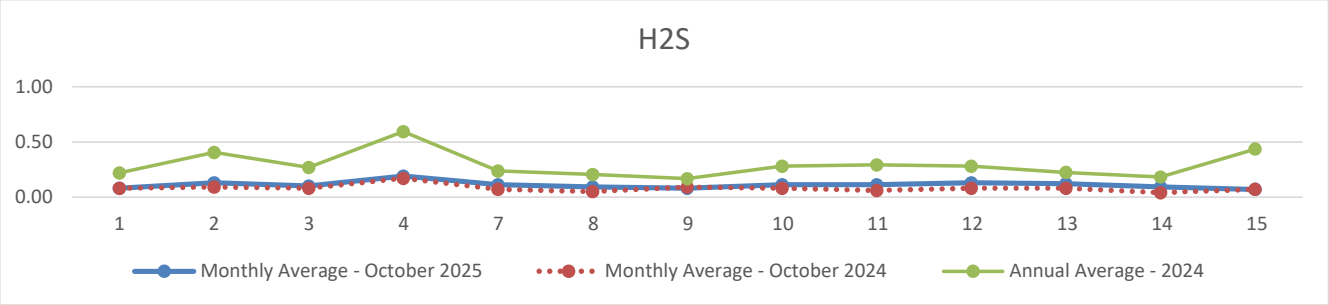
PEACE RIVER AREA MONITORING PROGRAM

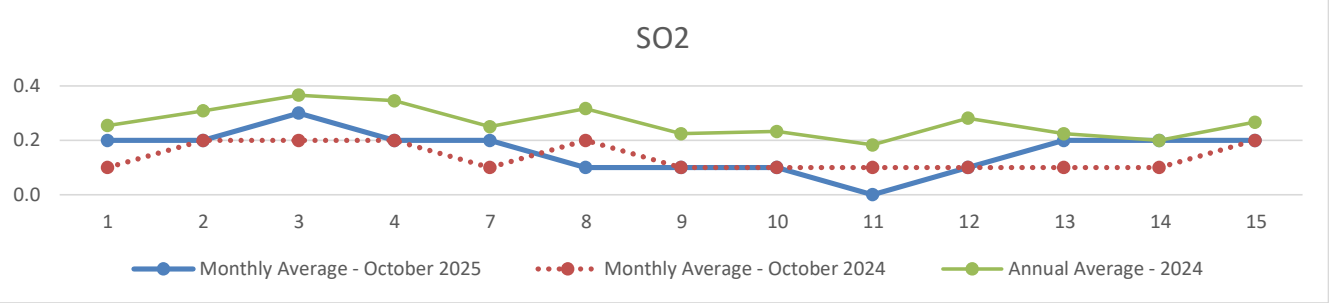
PRC Site - October 2025

Passive Results

	H_2S		SO_2	
Minimum (ppb)	0.07	#2	0.1	#2
Maximum (ppb)	0.19	#12	0.3	#12
Average (ppb)	0.11	-	0.18	-

No.	Calculated Value	Calculated Value
1	0.08	0.2
2	0.13	0.2
3	0.10	0.3
4	0.19	0.2
7	0.11	0.2
8	0.09	0.1
9	0.08	0.1
10	0.11	0.1
11	0.11	<0.1
12	0.13	0.1
13	0.12	0.2
14	0.09	0.2
15	0.07	0.2
Reportable Detection Limit (RDL)	**0.02**	**0.1**





End of Report

Peace River Area Monitoring Program

OCTOBER 2025

Ambient Air Monitoring

Certified Laboratory Analysis Report

LAB-PRAMP-202510

Operation and Maintenance:
Bureau Veritas Canada

Data Validation and Report:
Peace River Area Monitoring Program

November 13, 2025

Table of Contents

NMHC Canister Analytical Results 3
Passive Sampling Analytical Results 24
End of Report 31

NMHC Canister Analytical Results

InnoTech ALBERTA
A SUBSIDIARY OF ALBERTA INNOVATES

Environmental Analytical Services
Highway 16A & 75 Street
Vegreville, AB T9C 1T4

Phone: 780-632-8403
Email: EAS.Reception@innotechalberta.ca
www.innotechalberta.ca

Sample ID: 25100254-001 **Priority:** Normal

Customer ID: PRAMP
Cust Samp ID: PRAMP-Reno-20251023-Blank

Client Reporting Information

Company: PRAMP
Address:
Contact:
Phone:
Email:

Client Billing Information

Contact:
Phone:
Email:
Project ID:
PO #:

Turnaround Time (TAT)

- (X) Normal (10 business days)
- ( ) Rush (5 business days) (50% surcharge)
- ( ) Emergency (3 business day) (100% surcharge)

NOTE: Rush and Emergency TAT is not available for all tests.
Confirm all rush and Emergency requests with the Laboratory before submitting samples.

SAMPLE TYPE SOURCE* / AMBIENT (indicate as applicable)

Date Received – Lab Use Only: RECEIVED OCT 29 2025

Special Instructions/Comments

* For source samples, please Indicate possible high-level parameters which may be present.

Lab Sample Number	Client Sample ID	Sample Source/ Description	Canister Number/ Sampler ID	Date Sampled (mm/dd/yy) From / To	Time Sampled (24 hour) From / To	Analysis Requested
1	PRAMP-Reno-20251023	NMHC Blank	28905	10/23/25	0405	NMHC
2	PRAMP-Reno-20251023	NMHC Trigger	32259	10/23/25	0405	
						VOC, C_1C_4, RSC

Client Authorization: _____ (Signature)

Laboratory Personnel: _____ (Signature)

This "Chain of Custody" form is subject to InnoTech Alberta standard terms and conditions.

InnoTech ALBERTA

Canister ID: 28905

This cleaned canister meets or exceeds TO-15 Method Specifications

Proofed by: ISQ3 on: JUN 18 2025

Evacuated: AUG 07 2025 Recertified: _____

(Use within: 3 months from evacuation or recertification date)

Laboratory Contact Number: 780-632-8403

Starting Vacuum: -27.3 "Hg

End Vacuum: -29 "Hg/psig

Sample ID: _____

Sampled By: _____

Affix label here

25100254-001

InnoTech ALBERTA

Canister ID: 32259

This cleaned canister meets or exceeds TO-15 Method Specifications

Proofed by: ISQ3 on: JUN 18 2025

Evacuated: AUG 07 2025 Recertified: _____

(Use within: 3 months from evacuation or recertification date)

Laboratory Contact Number: 780-632-8403

Starting Vacuum: -27.3 "Hg

End Vacuum: -3 "Hg/psig

Sample ID: _____

Sampled By: _____

Affix label here

25100254-002

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

RESULTS: Office Manager
Peace River Area Monitoring Program Committee

INVOICE: Karla Reesor 403 807 2995

CLIENT SAMPLE ID	Matrix
PRAMP-Reno-20251023	Ambient Air

CANISTER ID: 32259
PRIORITY: Normal
DESCRIPTION: NMHC Trigger
DATE SAMPLED: 23-Oct-25 4:05
DATE RECEIVED: 29-Oct-25
REPORT CREATED: 14-Nov-25
REPORT NUMBER: 25100254
VERSION: Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	1-Butene	K, T, U	< 0.10	ppmv	0.10	NA-025	03-Nov-25
25100254-002	Acetylene	K, T, U	< 0.08	ppmv	0.08	NA-025	03-Nov-25
25100254-002	n-Butane	K, T, U	< 0.2	ppmv	0.2	NA-025	03-Nov-25
25100254-002	cis-2-Butene	K, T, U	< 0.04	ppmv	0.04	NA-025	03-Nov-25
25100254-002	Ethane	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-002	Ethylacetylene	K, T, U	< 0.06	ppmv	0.06	NA-025	03-Nov-25
25100254-002	Ethylene	K, T, U	< 0.07	ppmv	0.07	NA-025	03-Nov-25
25100254-002	Isobutane	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-002	Isobutylene	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-002	Methane		1.8	ppmv	0.1	NA-025	03-Nov-25
25100254-002	n-Propane	K, T, U	< 0.07	ppmv	0.07	NA-025	03-Nov-25
25100254-002	Propylene	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-002	Propyne	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-002	trans-2-Butene	K, T, U	< 0.09	ppmv	0.09	NA-025	03-Nov-25
25100254-002	2,5-Dimethylthiophene	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	2-Ethylthiophene	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	2-Methylthiophene	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing
Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023	32259	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Trigger

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	3-Methylthiophene	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Butyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Carbon disulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	Carbonyl sulphide	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Dimethyl disulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	Dimethyl sulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	Ethyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Ethyl sulphide	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Hydrogen sulphide	K, T, U, Q	< 0.1	ppbv	0.1	NA-024	03-Nov-25
25100254-002	Isobutyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Isopropyl mercaptan	K, T, U, Q	< 0.1	ppbv	0.1	NA-024	03-Nov-25
25100254-002	Methyl mercaptan	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	Pentyl mercaptan	K, T, U, Q	< 0.4	ppbv	0.4	NA-024	03-Nov-25
25100254-002	Propyl mercaptan	K, T, U, Q	< 0.4	ppbv	0.4	NA-024	03-Nov-25
25100254-002	tert-Butyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-002	Thiophene/sec-Butyl mercaptan	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-002	1,1,1-Trichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	1,1,2,2-Tetrachloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	1,1,2-Trichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	1,1-Dichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	1,1-Dichloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	1,2,3-Trimethylbenzene	K, T, U	< 0.05	ppbv	0.05	AC-058	05-Nov-25
25100254-002	1,2,4-Trichlorobenzene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	1,2,4-Trimethylbenzene	I	0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,2-Dibromoethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech's ISO/IEC 17025:2017 scope of accreditation can be located at https://directory.cala.ca// LAB-PRAMP-202510

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023	32259	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Trigger

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	1,2-Dichlorobenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,2-Dichloroethane	I	0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,2-Dichloropropane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,3,5-Trimethylbenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,3-Butadiene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	1,3-Dichlorobenzene	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-002	1,4-Dichlorobenzene	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-002	1,4-Dioxane	K, T, U	< 0.5	ppbv	0.5	AC-058	05-Nov-25
25100254-002	1-Butene/Isobutylene		0.53	ppbv	0.06	AC-058	05-Nov-25
25100254-002	1-Hexene/2-Methyl-1-pentene	K, T, U	< 0.07	ppbv	0.07	AC-058	05-Nov-25
25100254-002	1-Pentene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	2,2,4-Trimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	2,2-Dimethylbutane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	2,3,4-Trimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	2,3-Dimethylbutane	K, T, U	< 0.09	ppbv	0.09	AC-058	05-Nov-25
25100254-002	2,3-Dimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	2,4-Dimethylpentane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	2-Methylheptane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	2-Methylhexane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	2-Methylpentane	I	0.03	ppbv	0.02	AC-058	05-Nov-25
25100254-002	3-Methylheptane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	3-Methylhexane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	3-Methylpentane	I	0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Acetone		3.2	ppbv	0.4	AC-058	05-Nov-25
25100254-002	Acrolein	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech's ISO/IEC 17025:2017 scope of accreditation can be located at https://directory.cala.ca// LAB-PRAMP-202510

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023	32259	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Trigger

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	Benzene	I	0.08	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Benzyl chloride	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Bromodichloromethane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Bromoform	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Bromomethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Carbon disulfide	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Carbon tetrachloride		0.11	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Chlorobenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Chloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Chloroform	I	0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Chloromethane		0.67	ppbv	0.04	AC-058	05-Nov-25
25100254-002	cis-1,2-Dichloroethene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	cis-1,3-Dichloropropene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	cis-2-Butene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	cis-2-Pentene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Cyclohexane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-002	Cyclopentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Dibromochloromethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Ethanol		1.2	ppbv	0.5	AC-058	05-Nov-25
25100254-002	Ethyl acetate	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Ethylbenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Freon-11		0.25	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Freon-113	I	0.09	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Freon-114	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Freon-12		0.47	ppbv	0.03	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023	32259	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Trigger

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	Hexachloro-1,3-butadiene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Isobutane		0.23	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Isopentane		0.30	ppbv	0.04	AC-058	05-Nov-25
25100254-002	Isoprene	I	0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Isopropyl alcohol	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Isopropylbenzene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-002	m,p-Xylene	I	0.09	ppbv	0.04	AC-058	05-Nov-25
25100254-002	m-Diethylbenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	m-Ethyltoluene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Methyl butyl ketone	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-002	Methyl ethyl ketone	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Methyl isobutyl ketone	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Methyl methacrylate	K, T, U	< 0.08	ppbv	0.08	AC-058	05-Nov-25
25100254-002	Methyl tert butyl ether	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	Methylcyclohexane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Methylcyclopentane	K, T, U	< 0.05	ppbv	0.05	AC-058	05-Nov-25
25100254-002	Methylene chloride	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	n-Butane		0.48	ppbv	0.02	AC-058	05-Nov-25
25100254-002	n-Decane	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-002	n-Dodecane	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	n-Heptane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-002	n-Hexane	I	0.04	ppbv	0.03	AC-058	05-Nov-25
25100254-002	n-Octane	I	0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	n-Pentane		0.19	ppbv	0.04	AC-058	05-Nov-25
25100254-002	n-Propylbenzene	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023	32259	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Trigger

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-002	n-Undecane	K, T, U	< 0.5	ppbv	0.5	AC-058	05-Nov-25
25100254-002	Naphthalene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	n-Nonane	I	0.06	ppbv	0.04	AC-058	05-Nov-25
25100254-002	o-Ethyltoluene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	o-Xylene	I	0.06	ppbv	0.03	AC-058	05-Nov-25
25100254-002	p-Diethylbenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	p-Ethyltoluene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-002	Styrene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-002	Tetrachloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Tetrahydrofuran	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Toluene	I	0.06	ppbv	0.03	AC-058	05-Nov-25
25100254-002	trans-1,2-Dichloroethylene	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-002	trans-1,3-Dichloropropylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	trans-2-Butene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-002	trans-2-Pentene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Trichloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-002	Vinyl acetate	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-002	Vinyl chloride	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	1-Butene	K, T, U	< 0.10	ppmv	0.10	NA-025	03-Nov-25
25100254-001	Acetylene	K, T, U	< 0.08	ppmv	0.08	NA-025	03-Nov-25
25100254-001	n-Butane	K, T, U	< 0.2	ppmv	0.2	NA-025	03-Nov-25
25100254-001	cis-2-Butene	K, T, U	< 0.04	ppmv	0.04	NA-025	03-Nov-25
25100254-001	Ethane	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	Ethylacetylene	K, T, U	< 0.06	ppmv	0.06	NA-025	03-Nov-25
25100254-001	Ethylene	K, T, U	< 0.07	ppmv	0.07	NA-025	03-Nov-25
25100254-001	Isobutane	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	Isobutylene	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	Methane	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	n-Propane	K, T, U	< 0.07	ppmv	0.07	NA-025	03-Nov-25
25100254-001	Propylene	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	Propyne	K, T, U	< 0.1	ppmv	0.1	NA-025	03-Nov-25
25100254-001	trans-2-Butene	K, T, U	< 0.09	ppmv	0.09	NA-025	03-Nov-25
25100254-001	2,5-Dimethylthiophene	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	2-Ethylthiophene	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	2-Methylthiophene	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	3-Methylthiophene	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Butyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Carbon disulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	Carbonyl sulphide	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Dimethyl disulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	Dimethyl sulphide	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	Ethyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Ethyl sulphide	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech's ISO/IEC 17025:2017 scope of accreditation can be located at https://directory.cala.ca// LAB-PRAMP-202510

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	Hydrogen sulphide	K, T, U, Q	< 0.1	ppbv	0.1	NA-024	03-Nov-25
25100254-001	Isobutyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Isopropyl mercaptan	K, T, U, Q	< 0.1	ppbv	0.1	NA-024	03-Nov-25
25100254-001	Methyl mercaptan	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	Pentyl mercaptan	K, T, U, Q	< 0.4	ppbv	0.4	NA-024	03-Nov-25
25100254-001	Propyl mercaptan	K, T, U, Q	< 0.4	ppbv	0.4	NA-024	03-Nov-25
25100254-001	tert-Butyl mercaptan	K, T, U, Q	< 0.3	ppbv	0.3	NA-024	03-Nov-25
25100254-001	Thiophene/sec-Butyl mercaptan	K, T, U, Q	< 0.2	ppbv	0.2	NA-024	03-Nov-25
25100254-001	1,1,1-Trichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,1,2,2-Tetrachloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,1,2-Trichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,1-Dichloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,1-Dichloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,2,3-Trimethylbenzene	K, T, U	< 0.05	ppbv	0.05	AC-058	05-Nov-25
25100254-001	1,2,4-Trichlorobenzene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	1,2,4-Trimethylbenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,2-Dibromoethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	1,2-Dichlorobenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,2-Dichloroethane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,2-Dichloropropane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,3,5-Trimethylbenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,3-Butadiene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	1,3-Dichlorobenzene	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-001	1,4-Dichlorobenzene	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-001	1,4-Dioxane	K, T, U	< 0.5	ppbv	0.5	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	1-Butene/Isobutylene	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-001	1-Hexene/2-Methyl-1-pentene	K, T, U	< 0.07	ppbv	0.07	AC-058	05-Nov-25
25100254-001	1-Pentene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	2,2,4-Trimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	2,2-Dimethylbutane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	2,3,4-Trimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	2,3-Dimethylbutane	K, T, U	< 0.09	ppbv	0.09	AC-058	05-Nov-25
25100254-001	2,3-Dimethylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	2,4-Dimethylpentane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	2-Methylheptane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	2-Methylhexane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	2-Methylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	3-Methylheptane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	3-Methylhexane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	3-Methylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Acetone	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-001	Acrolein	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Benzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Benzyl chloride	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Bromodichloromethane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Bromoform	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Bromomethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Carbon disulfide	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Carbon tetrachloride	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Chlorobenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	Chloroethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Chloroform	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Chloromethane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	cis-1,2-Dichloroethene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	cis-1,3-Dichloropropene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	cis-2-Butene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	cis-2-Pentene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Cyclohexane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	Cyclopentane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Dibromochloromethane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Ethanol	K, T, U	< 0.5	ppbv	0.5	AC-058	05-Nov-25
25100254-001	Ethyl acetate	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Ethylbenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Freon-11	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Freon-113	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Freon-114	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Freon-12	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Hexachloro-1,3-butadiene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Isobutane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Isopentane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	Isoprene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Isopropyl alcohol	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Isopropylbenzene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	m,p-Xylene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	m-Diethylbenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	m-Ethyltoluene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Methyl butyl ketone	K, T, U	< 0.4	ppbv	0.4	AC-058	05-Nov-25
25100254-001	Methyl ethyl ketone	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Methyl isobutyl ketone	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Methyl methacrylate	K, T, U	< 0.08	ppbv	0.08	AC-058	05-Nov-25
25100254-001	Methyl tert butyl ether	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	Methylcyclohexane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Methylcyclopentane	K, T, U	< 0.05	ppbv	0.05	AC-058	05-Nov-25
25100254-001	Methylene chloride	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	n-Butane	I	0.05	ppbv	0.02	AC-058	05-Nov-25
25100254-001	n-Decane	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-001	n-Dodecane	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	n-Heptane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	n-Hexane	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	n-Octane	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	n-Pentane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	n-Propylbenzene	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-001	n-Undecane	K, T, U	< 0.5	ppbv	0.5	AC-058	05-Nov-25
25100254-001	Naphthalene	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	n-Nonane	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	o-Ethyltoluene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	o-Xylene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	p-Diethylbenzene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	p-Ethyltoluene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25
25100254-001	Styrene	K, T, U	< 0.04	ppbv	0.04	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech ALBERTA
PO Bag 4000
Vegreville, Alberta
Canada T9C 1T4
(780) 632-8211

APPLIED CHEMISTRY SERVICES

TEST REPORT

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP-Reno-20251023-Blank	28905	Ambient Air	23-Oct-25 4:05

DESCRIPTION: NMHC Blank

REPORT NUMBER: 25100254 **REPORT CREATED:** 14-Nov-25 **VERSION:** Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
25100254-001	Tetrachloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Tetrahydrofuran	K, T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Toluene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	trans-1,2-Dichloroethylene	K, T, U	< 0.06	ppbv	0.06	AC-058	05-Nov-25
25100254-001	trans-1,3-Dichloropropylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	trans-2-Butene	K, T, U	< 0.03	ppbv	0.03	AC-058	05-Nov-25
25100254-001	trans-2-Pentene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Trichloroethylene	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25
25100254-001	Vinyl acetate	T, U	< 0.3	ppbv	0.3	AC-058	05-Nov-25
25100254-001	Vinyl chloride	K, T, U	< 0.02	ppbv	0.02	AC-058	05-Nov-25

Report certified by: Andrea Conner, Admin Assistant **On behalf of:** Adam Malcolm, Manager, Chemical Testing

Date: November 14, 2025 **Inquiries:** (780) 632 8403 **E-mail:** EAS.Results@innotechalberta.ca

InnoTech's ISO/IEC 17025:2017 scope of accreditation can be located at https://directory.cala.ca// LAB-PRAMP-202510

Revision History

Order ID	Ver	Date	Reason
25100254	01	14-Nov-25	Report created

Methods

Method	Description
AC-058	Determination of Volatile Organic Compounds in Ambient Air by Gas Chromatography Mass Spectrometry
NA-024	Analysis for Reduced Sulfur Compounds in Air Samples
NA-025	Determination of Light Hydrocarbons (C1C4) in Ambient Air by Gas Chromatography Flame Ionization Detector

List of Analytical Method IDs within InnoTech's ISO/IEC 17025:2017 CALA Scope of Accreditation

Method ID	Description
AC-020	Chlorophyll-a Phytoplankton (Fluorometric Analysis)
AC-021	Elemental Analysis Methodology of Filter-collected Airborne Particulate Matter (PM) by ICP-MS
AC-026	Ion Chromatographic Procedures using the Dionex ICS 3000 and 5000 Systems
AC-029	Procedure for the Equilibration and Weighing of Membrane Filters and PUFs on the Mettler Toledo Micro Balance
AC-035	Analysis of Glyphosate, Aminomethylphosphonic Acid and Glufosinate in Water
AC-038	Trace Metal Analysis of Water Samples by ICP-MS
AC-048	Specific Conductance (Conductivity Meter Method)
AC-049	pH (Meter Method)
AC-054	Alkalinity Total and Phenolphthalein
AC-058	Determination of Volatile Organic Compounds in Ambient Air by Gas Chromatography Mass Spectrometry
AC-060	Trace Metal Analysis of Soil Sediment and Industrial Waste Samples by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
AC-061	Trace Metal Analysis for Biological Samples by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
AC-065	Analysis of Naphthenic Acids in Water by HPLC-Orbitrap-MS analysis
AC-074	Pesticides in Water
AC-080	Alkylated PAH in Water (SPE Extraction)
NA-006	Determination of BTEX, F1 Hydrocarbons and F2, F3 and F4 Hydrocarbons in Water
NA-024	Analysis of Reduced Sulfur Compounds in Air

Qualifiers

Data Qualifier	Translation
B	Blank contamination; Analyte detected above the method reporting limit in an associated blank
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J1	Reported value is estimated; Surrogate recoveries limits were exceeded
J2	Reported value is estimated; No known QC criteria for this component
J3	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
J4	Reported value is estimated; The sample matrix interfered with the analysis
K	Off-scale low. Actual value is known to be less than the value given
L	Off-scale high. Actual value is known to be greater than value given
N	Non-target analyte; Tentatively identified compound (using mass spectroscopy)
Q	Sample held beyond the accepted holding time
R	Rejected data; Not suitable for the projects intended use
T	Value reported is less than the laboratory method detection limit
U	Compound was analyzed for but not detected
V	Analyte was detected in both the sample and the associated method blank

Order Comments

Sample Comments

Result Comments

Note:

1. Results relate only to items tested and apply to the sample as received.

2. This report shall not be reproduced, except in full, without the explicit approval of the laboratory.

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		Report To		Service Requested		Company Name	
ompany Name	Peace River Area Monitoring	Name & Email Address	Michael and Lily	☐ RUSH			Peace River
act Name	Brenda Barber / Karla Reesor		pramptech@prampairshed.ca	(Please contact for TAT)		Project Name/LSD	
ss	Suite 91, 305-4625 Varsity Drive NW			☐ REGULAR			Passive monitoring Program
tal Code	Calgary, T3A 0Z9						
t	##						

AL INFORMATION

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*	Analysis Required: SO2	H2S	NO2	O3	NH3	PM2.5	PM10	TSP	Dustfall				
1	01/10/25	11:00	30/10/25	2:00		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	↓	14:00	↓	4:30		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 Oct. 30. 25 Project # CNRL PRC

Date Shipped Oct 30. 25 Signature _____ PO# _____

15502

15H25

MB 05-11-25 08:15

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

Your Project #: 2025/10/01-2025/10/30
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: 2025/11/17
Report #: R3698760
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: G512623
Received: 2025/11/05, 08:15

Sample Matrix: Air
Samples Received: 13

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
H2S Passive Analysis	13	2025/11/12	2025/11/12	PTC SOP-00150	Passive H2S in ATM
SO2 Passive Analysis	13	2025/11/10	2025/11/10	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 Nov 2025 14:01:15

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

==========

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Branko Banjac, General Manager responsible for Alberta Petroleum laboratory operations.

Bureau Veritas Edmonton: 6744 - 50th Street, T6B 3M9 Telephone (780) 378-8500 Fax (780) 378-8699

Bureau Veritas Job #: G512623
Report Date: 2025/11/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/10/01-2025/10/30
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

RESULTS OF CHEMICAL ANALYSES OF AIR

Bureau Veritas ID		DPN053	DPN054	DPN055	DPN056	DPN057	DPN058	DPN059		
Sampling Date		2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00		
	UNITS	1	2	3	4	7	8	9	RDL	QC Batch
Passive Monitoring										
Calculated H2S	ppb	0.08	0.13	0.10	0.19	0.11	0.09	0.08	0.02	C060400
Calculated SO2	ppb	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	C058559
RDL = Reportable Detection Limit										

Bureau Veritas ID		DPN060	DPN061	DPN062	DPN063	DPN064	DPN065		
Sampling Date		2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 11:00	2025/10/01 14:00		
	UNITS	10	11	12	13	14	15	RDL	QC Batch
Passive Monitoring									
Calculated H2S	ppb	0.11	0.11	0.13	0.12	0.09	0.07	0.02	C060400
Calculated SO2	ppb	0.1	<0.1 (1)	0.1	0.2	0.2	0.2	0.1	C058559
RDL = Reportable Detection Limit (1) v7									

Bureau Veritas Edmonton: 6744 - 50th Street T6B 3M9 Telephone (780) 378-8500 Fax (780) 378-8699

GENERAL COMMENTS

Results relate only to the items tested.

Bureau Veritas Edmonton: 6744 - 50th Street T6B 3M9 Telephone (780) 378-8500 Fax (780) 378-8699

Bureau Veritas Job #: G512623
Report Date: 2025/11/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/10/01-2025/10/30
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
C058559	OZ	Spiked Blank	Calculated SO2	2025/11/10		99	%	90 - 110
C058559	OZ	Method Blank	Calculated SO2	2025/11/10	<0.1		ppb	
C060400	YYA	Spiked Blank	Calculated H2S	2025/11/12		101	%	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 Edmonton: 6744 - 50th Street T6B 3M9 Telephone (780) 378-8500 Fax (780) 378-8699

Bureau Veritas Job #: G512623
Report Date: 2025/11/17

Peace River Area Monitoring Program Committee
Client Project #: 2025/10/01-2025/10/30
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:

Steven Gloux, Laboratory Supervisor

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Branko Banjac, General Manager responsible for Alberta Petroleum laboratory operations.

Bureau Veritas Edmonton: 6744 - 50th Street T6B 3M9 Telephone (780) 378-8500 Fax (780) 378-8699

End of Report