



Peace River Area Monitoring Program

MARCH 2023

Monthly Ambient Air Quality Monitoring Report

PRAMP-202303

Operation and Maintenance:

Bureau Veritas Canada

Data Validation and Report:

Peace River Area Monitoring Program

April 14, 2023

Pages may be left blank for double-sided printing

Table of Contents

LIST OF ACRONYMS	4
COVER LETTER	5
NETWORK STATION SUMMARY	6
Listing of Continuous Monitoring Stations	6
Listing of Intermittent Monitoring Stations.....	6
Listing of PRAMP member with EPEA Facility Operating Approval	6
Calibration and Data Submission	6
Monitoring Notes during the Month of March 2023.....	7
986-C Station	7
842-B Station	7
Reno-B Station	7
PRC Station	7
AQHI – Grimshaw Station	7
VOCs Canister Sampling Program	7
Revisions to Alberta’s Ambient Air Quality Data Warehouse.....	9
Deviations from Authorized Monitoring Methods	9
Disclaimer.....	9
Certification.....	10
Map of PRAMP Continuous Monitoring Network	11
CONTINUOUS NETWORK EQUIPMENT AND MONITORING RESULTS SUMMARY	12
986 -C Station.....	13
842-B Station.....	17
Reno-B Station	21
PRC Station.....	25
AQHI – Grimshaw Station	29
TABLES, CHARTS AND WIND ROSES	33
986-C STATION	34
842-B STATION.....	54
RENO -B STATION.....	74
PRC STATION	94
AQHI GRIMSHAW STATION.....	115
END OF REPORT	145

LIST OF ACRONYMS

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



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

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

April 14, 2023

RE: PRAMP – March 2023 Monthly Ambient Air Quality Monitoring Report

Enclosed is the March 2023 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 Varsity Drive NW
Calgary, AB, T3A 0Z9
Phone #: 780-226-7068 / 587-225-2248
E-mail: prampotech@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 March 2023 were submitted to Alberta's Ambient Air Data Warehouse through ETS for the 986-C station, 842-B station, Reno-B station, PRC station and AQHI-Grimshaw station.

Monitoring Notes during the Month of March 2023

986-C Station

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- **RH/AT:** On March 2, the Rotronix HC2-S3, s/n: 60837897, sensor, was removed, and the Rotronix HC2-S3, s/n: 20626912, sensor was installed. This sensor was replaced to correct the faulty RH probe issue.

842-B Station

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement, except precipitation (85.9%).
- No major operational issues were identified.

Reno-B Station

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- No major operational issues were identified.

PRC Station

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- No major operational issues were identified.

AQHI – Grimshaw Station

- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) and /or Alberta Ambient Air Quality Guidelines (AAAQGs) where applicable.
- **TRS:** The Teledyne T100U analyzer, s/n:132, failed after a successful as-found points check on March 1. The BV supplied Thermo 42i-TLE analyzer, s/n: 1152940011, was installed followed by a successful installation calibration on March 2. Twenty-one hours of downtime were recorded due to this event.

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 986c, 842b, and the Reno Station; a canister sample collection system is not part of the suite of instruments currently deployed at both the PRC station and the AQHI-Grimshaw station.
- Sample analysis and analytical results were prepared and provided by InnoTech Alberta.
- No canister events were recorded this month.

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

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).

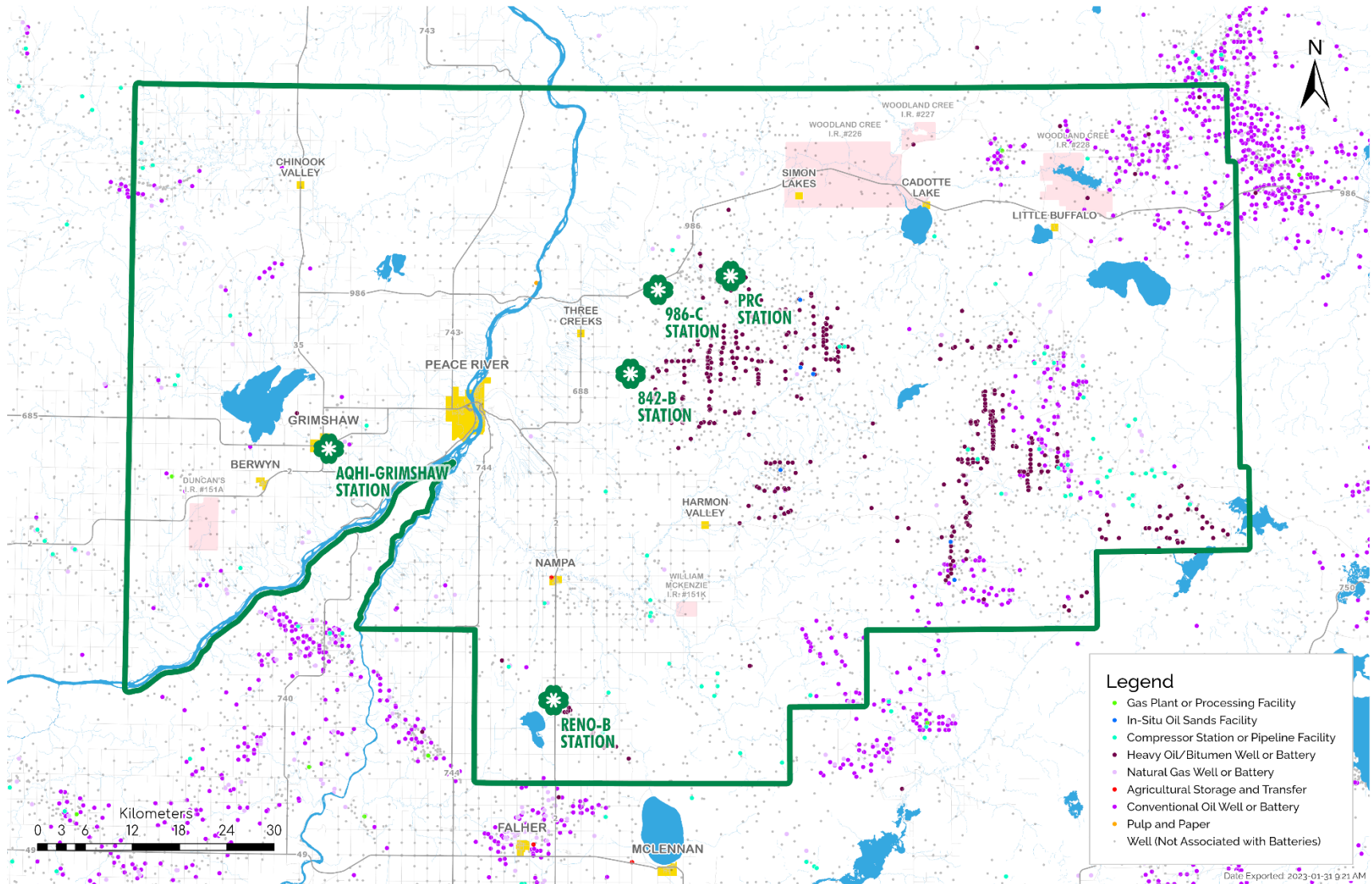
I certify that I have reviewed and verified this report and that the information is complete, accurate and representative of the monitoring results, reporting timeframe and the specified analysis, summarization and reporting requirements. I also certify that at the time of this report's submission, all air data have been electronically uploaded to Alberta's Ambient Air Quality Data Warehouse 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

April 14, 2023

Map of PRAMP Continuous Monitoring Network



CONTINUOUS NETWORK EQUIPMENT AND MONITORING RESULTS SUMMARY

Equipment Operation Summary

Parameter	Equipment Operational Summary
SO2 Thermo 43iQTL #1193585646	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 22. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
TRS Thermo 43iQTL #1191833341	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 22. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
THC/CH4/NMHC Thermo 55i #1433563261	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 22. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
RH Rotronic HC2-S3 #60837897 #20626912	<ul style="list-style-type: none"> • The RH probe on the Rotronic HC2-S3 RH/AT sensor, s/n: 60837897, failed on January 14. The sensor was replaced with the Rotronic HC2-S3 RH/AT sensor, s/n: 20626912, on March 2. The sensor was checked after the installation to confirm its functionality. The sensor passed the check requirements. Data collected between March 1 hour 0 and March 2 hour 16 were not valid and were discarded. Forty-one hours of downtime were recorded. • The RH probe was checked again on March 22. The probe passed the check requirements. • Five hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
BP MetOne 092 #Y23358	<ul style="list-style-type: none"> • The BP sensor was checked on both March 2 and March 22. The sensor passed the check requirements. • Six hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
AT Rotronic HC2-S3 #60837897 #20626912	<ul style="list-style-type: none"> • The Rotronic HC2-S3 RH/AT sensor, s/n: 60837897 was replaced with the Rotronic HC2-S3 RH/AT sensor, s/n: 20626912, on March 2. It was to correct the issue of the faulty RH probe. • The AT probe was checked on both March 2 and March 22. The probe passed the check requirements. • Six hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.

Parameter	Equipment Operational Summary
ST COMET #18961918	<ul style="list-style-type: none"> • No operational issues were identified this month. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
Precipitation RM Young 52202 #TB 16325	<ul style="list-style-type: none"> • The precipitation gauge was checked on both March 2 and March 22. The unit passed the check requirements. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
WS/ WD RM Young 05305AQ #180340	<ul style="list-style-type: none"> • Wind direction data contained in this report represents where the wind is coming from. • The annual wind system calibration was completed on August 5, 2022. • The anemometer sensors were check on both March 2 and March 22. The wind system passed the check requirements. • Six hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.

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	2	Mar 17 at hr 11	11.8	SW	0.7	Mar 18	99.7	94.7
TRS (ppb)	-	-	-	-	-	-	0.34	0.05	0.77	Mar 23 at hr 6	6.5	ENE	0.51	Mar 19	99.7	94.7
THC (ppm)	-	-	-	-	-	-	2.05	1.95	2.78	Mar 19 at hr 7	3.4	SE	2.22	Mar 19	99.7	94.7
CH4 (ppm)	-	-	-	-	-	-	2.05	1.95	2.78	Mar 19 at hr 7	3.4	SE	2.22	Mar 19	99.7	94.7
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Mar 1 at hr 0	1.4	SSE	0.00	Mar 1	99.7	94.7
RH (%)	-	-	-	-	-	-	66.5	29	97	Mar 15 at hr 22	7.1	SSW	85.5	Mar 13	93.8	93.8
BP (millibar)	-	-	-	-	-	-	942	911	959	Mar 8 at hr 8	10	E	958	Mar 8	99.2	99.2
Ext. Temp. (°C)	-	-	-	-	-	-	-7.5	-28.4	7.0	Mar 31 at hr 16	8.3	WSW	1.4	Mar 31	99.2	99.2
Stn. Temp. (°C)	-	-	-	-	-	-	23.6	22.5	24.9	Mar 16 at hr 15	19.5	SW	24.1	Mar 5	99.7	99.7
Precipitation (mm)*	-	-	-	-	-	-	0.1	0.0	0.1	Mar 13 at hr 22	3.8	NE	0.1	Mar 13	99.7	99.7
WSV (km/hr)	-	-	-	-	-	-	1.5	0.1	28.0	Mar 2 at hr 9	28	SW	19.0	Mar 2	99.2	99.2
WDV (sector)	-	-	-	-	-	-	100 (E)	-	-	-	-	-	-	-	99.2	99.2

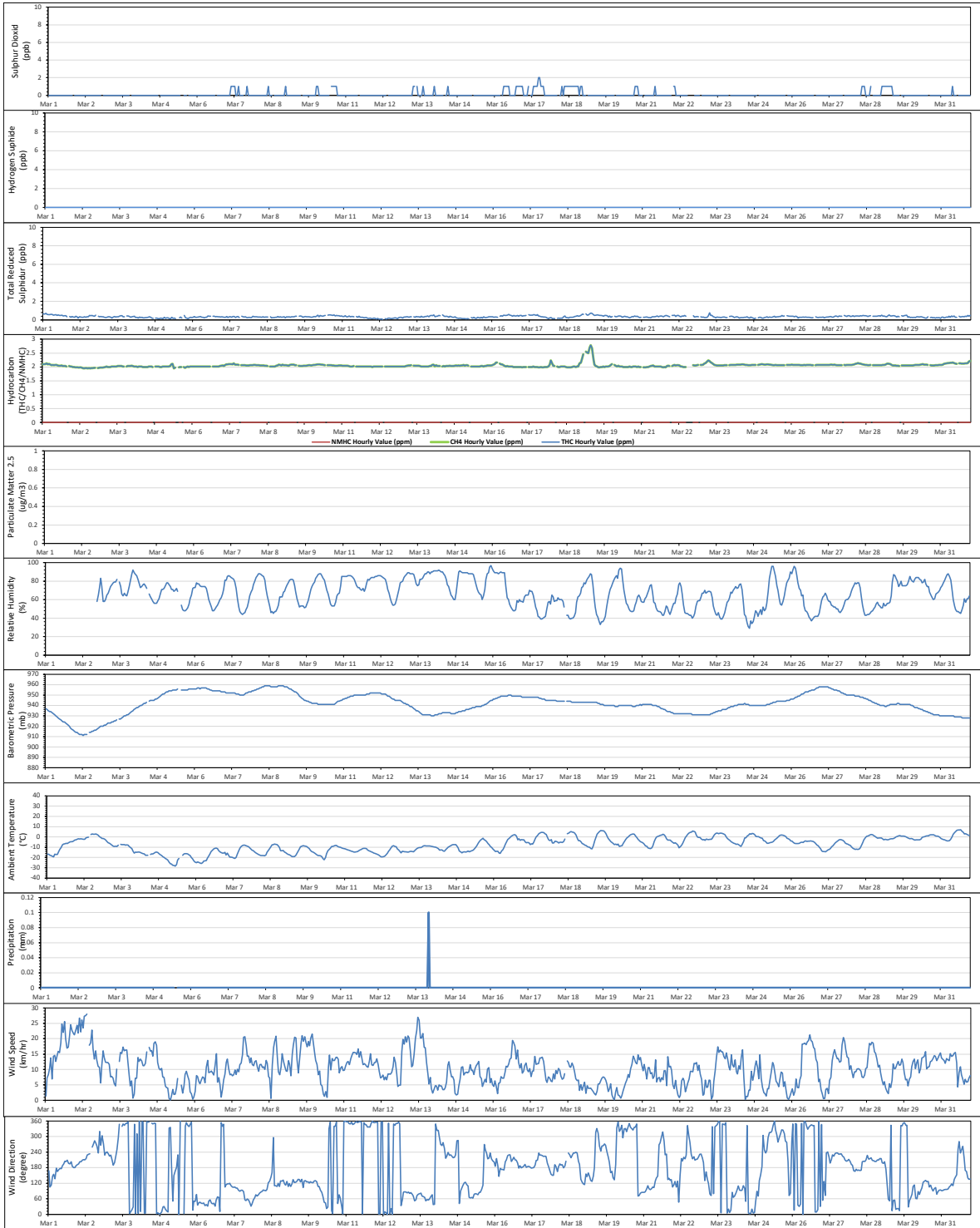
1- Date/ Time given is the first minimum and maximum value that was recorded

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

Alberta Ambient Air Quality Objectives (AAAQOs) Exceedances

The measured ambient air quality was within the AAAQOs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Mar 2023 - 986-C Station



842-B Station

Equipment Operation Summary

Parameter	Equipment Operational Summary
SO2 Thermo 43iQTL #1200736629	<ul style="list-style-type: none"> A successful monthly calibration was performed on March 21.
TRS Thermo 43iQTL #1200736630	<ul style="list-style-type: none"> The analyzer passed the as-found points check, but the calibration subsequently failed at the low point check on March 21. The problem was traced to contaminated scrubber beads, which was caused by an earlier technical error (a zero air generator issue had flooded the analyzer with undiluted calibration gas). The scrubber beads were replaced, and a successful post-repair calibration was completed without further issues. Two hours of downtime were recorded due to this event.
THC/CH4/NMHC Thermo 55i #12208316589	<ul style="list-style-type: none"> A successful monthly calibration was performed on March 21.
RH Rotronic HC2-S3 #20370767	<ul style="list-style-type: none"> The RH probe was checked on March 21. The probe passed the check requirements.
BP MetOne 092 #Y23362	<ul style="list-style-type: none"> The BP sensor was checked on March 21. The sensor passed the check requirements
AT Rotronic HC2-S3 #20370767	<ul style="list-style-type: none"> The AT probe was checked on March 21. The probe passed the check requirements.
ST COMET #20790297	<ul style="list-style-type: none"> No operational issues were identified this month.
Precipitation RM Young 52202 #TB 15878	<ul style="list-style-type: none"> The precipitation gauge was checked on March 21. The sensor passed the check requirements.

Parameter	Equipment Operational Summary
<p>WS/ WD</p> <p>RM Young 05305AQ #174802</p>	<ul style="list-style-type: none">• Wind direction data contained in this report represents where the wind is coming from.• The annual wind system calibration was completed on August 3, 2022.• The anemometer sensors were check on March 21. Both the wind speed sensor and wind direction sensor passed the check requirements.

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	0.1	0	2	Mar 16 at hr 8	5.2	S	0.6	Mar 28	100.0	94.9
TRS (ppb)	-	-	-	-	-	-	0.45	0.25	0.72	Mar 30 at hr 5	3.7	ENE	0.64	Mar 30	99.7	94.3
THC (ppm)	-	-	-	-	-	-	2.03	1.91	2.91	Mar 16 at hr 4	4.3	SE	2.15	Mar 16	100.0	95.0
CH4 (ppm)	-	-	-	-	-	-	2.03	1.91	2.91	Mar 16 at hr 4	4.3	SE	2.15	Mar 16	100.0	95.0
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.00	Mar 1 at hr 0	0.2	SE	0.00	Mar 1	100.0	95.0
RH (%)	-	-	-	-	-	-	70.2	33	99	Mar 15 at hr 22	2.6	WSW	91.2	Mar 13	100.0	100.0
BP (millibar)	-	-	-	-	-	-	941	911	958	Mar 8 at hr 9	7.8	ESE	957	Mar 8	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-7.4	-28.8	6.3	Mar 22 at hr 17	12.9	SSW	1.9	Mar 31	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.4	20.8	23.6	Mar 5 at hr 3	0	E	23.0	Mar 5	100.0	100.0
Precipitation (mm)*	-	-	-	-	-	-	1.4	0.0	0.5	Mar 13 at hr 17	9.1	NE	0.8	Mar 13	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	0.4	0.0	26.6	Mar 2 at hr 12	26.6	WSW	19.4	Mar 2	100.0	100.0
WDV (sector)	-	-	-	-	-	-	235	-	-	-	-	-	-	-	100.0	100.0

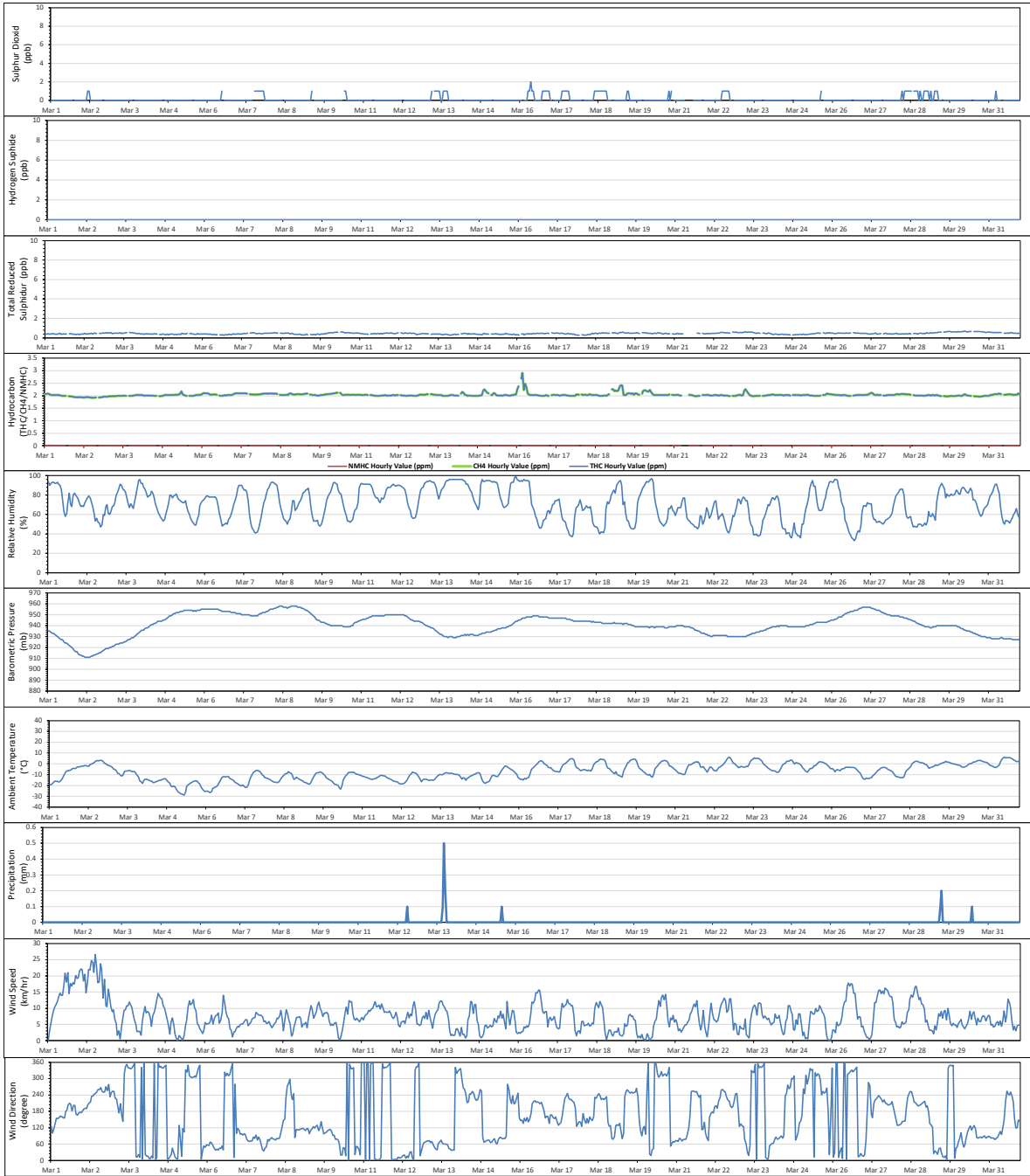
1- Date/ Time given is the first minimum and maximum value that was recorded

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

Alberta Ambient Air Quality Objectives (AAAQOs) Exceedances

The measured ambient air quality was within the AAAQOs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Mar 2023 - 842-B Station



Reno-B Station

Equipment Operation Summary

Parameter	Equipment Operational Summary
SO2 Thermo 43iQTL #12101910505	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 20.
TRS Thermo 43iQTL #12101910504	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 20.
THC/CH4/NMHC Thermo 55i #1505664392	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 20.
RH Rotronic HC2-S3 #20467597	<ul style="list-style-type: none"> • The RH probe was checked on March 20. The probe passed the check requirements. • One hour of downtime was recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
BP MetOne 092 #A17940	<ul style="list-style-type: none"> • The BP sensor was checked on March 20. The sensor passed the check requirements. • One hour of downtime was recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
AT Rotronic HC2-S3 #20467597	<ul style="list-style-type: none"> • The AT probe was checked on March 20. The probe passed the check requirements. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.
ST COMET #NA	<ul style="list-style-type: none"> • No operational issues were identified this month.
Precipitation RM Young 52202 #TB 15877	<ul style="list-style-type: none"> • The precipitation gauge was checked and tested on March 20. The unit passed the check requirements. • One hour of downtime was recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.

Parameter	Equipment Operational Summary
<p>WS/ WD</p> <p>RM Young 05305AQ #174795</p>	<ul style="list-style-type: none"> • Wind direction data contained in this report represents where the wind is coming from. • The annual wind system calibration was completed on November 23, 2022. • The anemometer sensors were check on March 20. Both the wind speed sensor and wind direction sensor passed the check requirements. • Two hours of downtime were recorded as the hourly data completeness requirements were not met, which was caused by intermittent polling issues.

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	0.3	0	6	Mar 28 at hr 11	11.9	S	1.7	Mar 28	100.0	95.0
TRS (ppb)	-	-	-	-	-	-	0.18	0.11	0.37	Mar 28 at hr 22	5.9	S	0.21	Mar 16	100.0	95.0
THC (ppm)	-	-	-	-	-	-	2.08	1.98	2.64	Mar 23 at hr 7	6.6	SSE	2.16	Mar 19	100.0	95.0
CH4 (ppm)	-	-	-	-	-	-	2.08	1.98	2.64	Mar 23 at hr 7	6.6	SSE	2.16	Mar 19	100.0	95.0
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.02	Mar 17 at hr 22	6.3	S	0.00	Mar 17	100.0	95.0
RH (%)	-	-	-	-	-	-	70.9	36	100	Mar 25 at hr 23	0.8	S	87.6	Mar 13	99.9	99.9
BP (millibar)	-	-	-	-	-	-	940	912	958	Mar 8 at hr 19	8.7	E	956	Mar 8	99.9	99.9
Ext. Temp. (°C)	-	-	-	-	-	-	-8.1	-25.1	5.5	Mar 31 at hr 16	5.5	SSE	1.0	Mar 31	99.7	99.7
Stn. Temp. (°C)	-	-	-	-	-	-	23.3	21.3	24.2	Mar 22 at hr 16	9.8	S	23.6	Mar 5	100.0	100.0
Precipitation (mm)*	-	-	-	-	-	-	0.5	0.0	0.1	Mar 14 at hr 0	6.3	NW	0.3	Mar 29	99.9	99.9
WSV (km/hr)	-	-	-	-	-	-	2.3	0.5	36.4	Mar 2 at hr 11	36.4	WSW	24.3	Mar 2	99.7	99.7
WDV (sector)	-	-	-	-	-	-	92 (E)	-	-	-	-	-	-	-	99.7	99.7

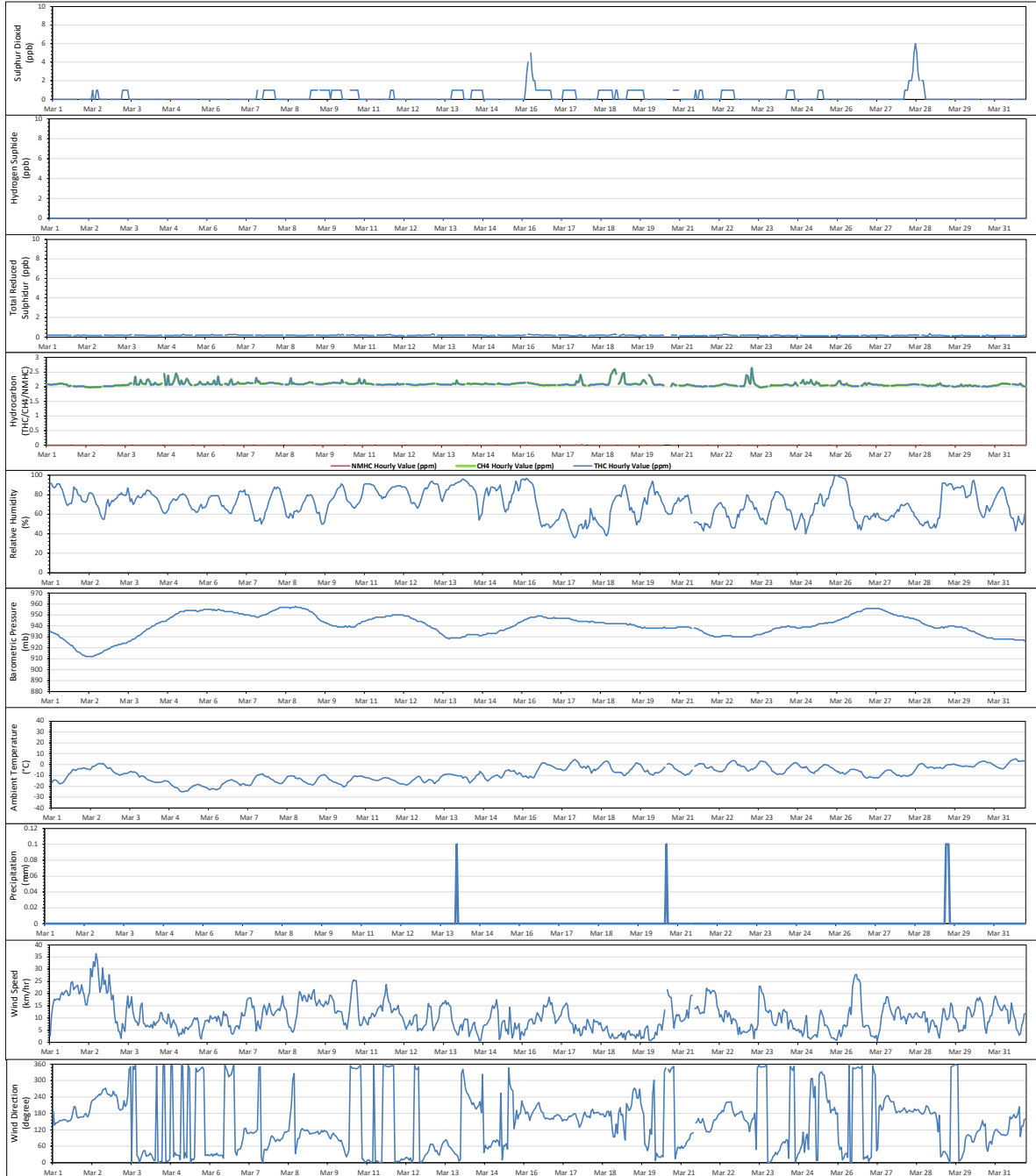
1- Date/ Time given is the first minimum and maximum value that was recorded

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

Alberta Ambient Air Quality Objectives (AAAQOs) Exceedances

The measured ambient air quality was within the AAAQOs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Mar 2023 - Reno-B Station



Equipment Operation Summary

Parameter	Equipment Operational Summary
<p>SO2</p> <p>Thermo 43i #1034746225</p>	<ul style="list-style-type: none"> • The analyzer failed the daily zero-span check on March 16. A repeat zero-span check was completed at hour 6 and hour 7; the results passed the check criteria. Two hours of downtime were recorded due to this event. • The analyzer failed the daily span check on March 17, 18 and 20 due to unstable IZS oven temperature. The issue was addressed during the monthly calibration on March 22. • A successful monthly calibration was performed on March 22.
<p>H2S</p> <p>Thermo 450i #1308857354</p>	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 22.
<p>TRS</p> <p>Thermo 450i #1034746224</p>	<ul style="list-style-type: none"> • A successful monthly calibration was performed on March 22.
<p>THC/CH4/NMHC</p> <p>Thermo 55i #1022143392</p>	<ul style="list-style-type: none"> • The analyzer failed on March 15 due to the depleted carrier gas. The gas cylinder was replaced on March 16 following by a successful zero-span check. Twenty-seven hours of downtime were recorded due to this event. • A successful monthly calibration was performed on March 22.
<p>RH</p> <p>Rotronic HC2-S3 #20558318</p>	<ul style="list-style-type: none"> • The RH sensor was checked on March 22. The sensor passed the check requirements.
<p>BP</p> <p>MetOne 092 #B19577</p>	<ul style="list-style-type: none"> • The BP sensor was checked on March 22. The sensor passed the check requirements.
<p>AT</p> <p>Rotronic HC2-S3 #20558318</p>	<ul style="list-style-type: none"> • The AT sensor was checked on March 22. The sensor passed the check requirements.
<p>ST</p> <p>Canadian Natural #NA</p>	<ul style="list-style-type: none"> • No operational issues were identified this month.

Parameter	Equipment Operational Summary
WS/ WD RM Young 05305VK #129612	<ul style="list-style-type: none">• Wind direction data contained in this report represents where the wind is coming from.• The annual wind system calibration was completed on August 17, 2022.• The anemometer sensors were checked on March 22. Both the wind speed sensor and wind direction sensor passed the check requirements.

Monitored Data Summary for Peace River Complex (PRC) Station

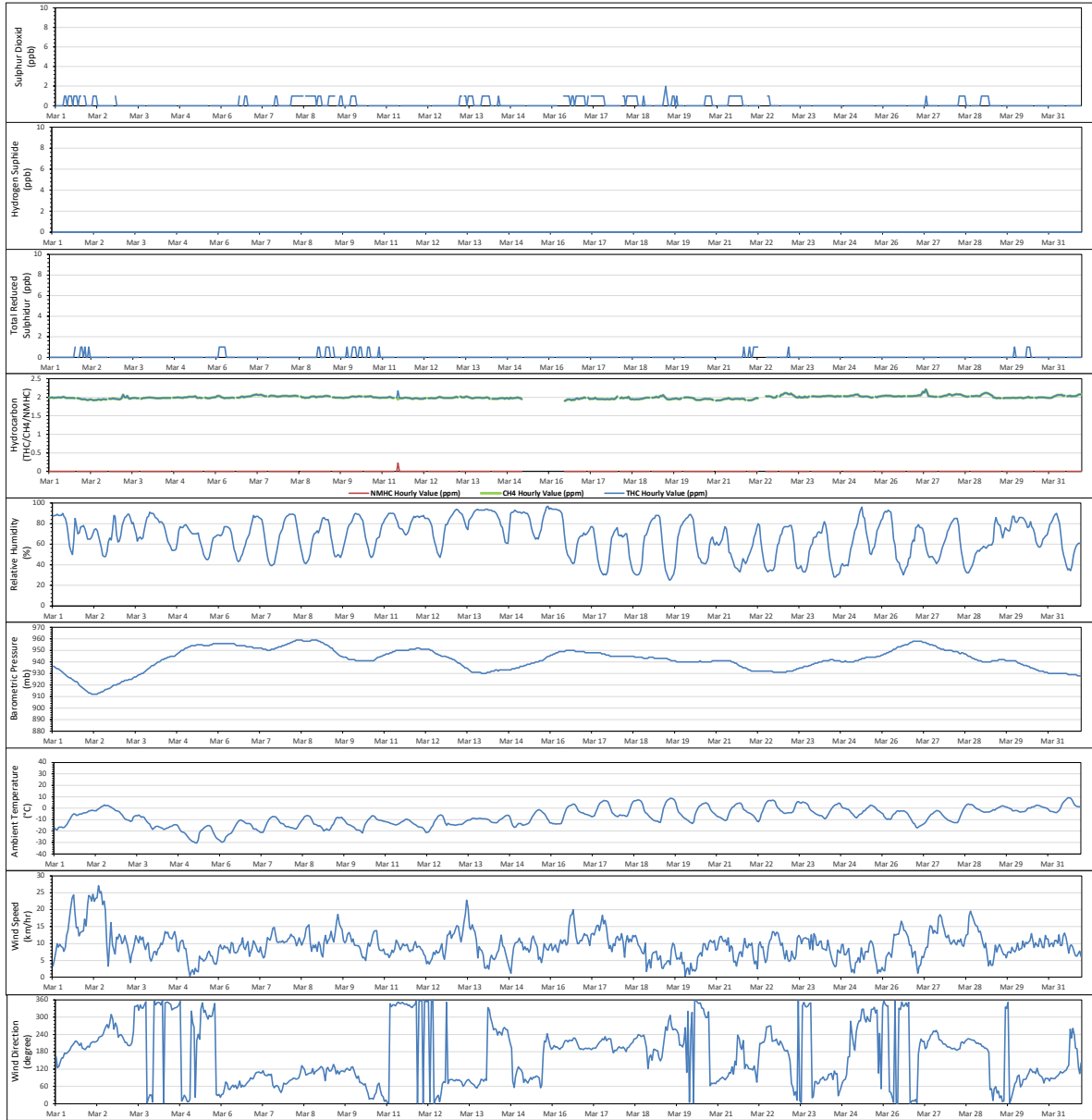
Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.2	0	2	Mar 19 at hr 10	3.7	W	0.8	Mar 8	99.7	94.7
H2S (ppb)	10	3	-	0	0	-	0.0	0	0	Mar 1 at hr 0	3.3	SSE	0.0	Mar 1	100.0	95.0
TRS (ppb)	-	-	-	-	-	-	0.1	0	1	Mar 1 at hr 18	14.8	SSW	0.3	Mar 10	100.0	95.0
THC (ppm)	-	-	-	-	-	-	2.00	1.90	2.21	Mar 27 at hr 7	8.8	SSW	2.06	Mar 27	96.4	91.4
CH4 (ppm)	-	-	-	-	-	-	2.00	1.90	2.21	Mar 27 at hr 7	8.8	SSW	2.06	Mar 27	96.4	91.4
NMHC (ppm)	-	-	-	-	-	-	0.00	0.00	0.23	Mar 11 at hr 11	8.1	N	0.01	Mar 11	96.4	91.4
RH (%)	-	-	-	-	-	-	67.1	25	97	Mar 15 at hr 22	8	SSW	88.7	Mar 13	100.0	100.0
BP (millibar)	-	-	-	-	-	-	942	912	959	Mar 8 at hr 8	9.3	E	958	Mar 8	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-7.5	-30.6	9.2	Mar 31 at hr 15	9.3	WSW	2.0	Mar 31	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.7	20.2	25.6	Mar 2 at hr 12	21.5	W	24.0	Mar 2	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	1.4	0.3	27.1	Mar 2 at hr 9	27.1	SW	17.9	Mar 2	100.0	100.0
WDV (sector)	-	-	-	-	-	-	132 (SE)	-	-	-	-	-	-	-	100.0	100.0

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

Alberta Ambient Air Quality Objectives (AAAQOs) Exceedances

The measured ambient air quality was within the AAAQOs for all monitored parameters.

Timeseries Chart of Hourly Average for the month of Mar 2023 - Peace River Complex (PRC) Station



Equipment Operation Summary

Parameter	Equipment Operational Summary
SO2 Teledyne T100 #722	<ul style="list-style-type: none"> A successful monthly calibration was performed on March 1.
TRS Teledyne T100U #132 Thermo 43i-TLE #1152940011	<ul style="list-style-type: none"> The Teledyne T100U analyzer, s/n:132, failed after a successful as-found points check on March 1. The BV supplied Thermo 42i-TLE analyzer, s/n: 1152940011, was installed followed by a successful installation calibration on March 2. Twenty-one hours of downtime were recorded due to this event.
NOx/NO/NO2 Teledyne T200 #837	<ul style="list-style-type: none"> A successful shut-down calibration was completed to perform annual maintenance on March 1. The analyzer was left offline overnight to restabilize. A successful post-repair calibration was completed on March 2. Eighteen hours of downtime were recorded due to this event.
O3 Teledyne T400 #824	<ul style="list-style-type: none"> A successful monthly calibration was performed on March 1.
THC/CH4/NMHC Thermo 55i #1191032505	<ul style="list-style-type: none"> A successful monthly calibration was performed on March 1. The HC channels were put offline on March 1 hour 17 while the cleaning process was being performed on the PM unit (the cleaning affected the HC analysis). One hour of downtime was recorded due to this event.
PM2.5 Teledyne T640 #3189	<ul style="list-style-type: none"> A successful annual audit/maintenance was completed on March 1.
RH Vaisala HMP155 #N2910506	<ul style="list-style-type: none"> The RH probe was checked on March 1. The Probe passed the check requirements.
BP MetOne 092 #A2397	<ul style="list-style-type: none"> The BP sensor was checked on March 1. The sensor passed the check requirements.
AT Vaisala HMP155 #N2910506	<ul style="list-style-type: none"> The AT prober was checked on March 1. The probe passed the check requirements.

Parameter	Equipment Operational Summary
ST COMET #NA	<ul style="list-style-type: none"> No operational issues were identified this month.
WS/ WD RM Young 05305AQ #174801	<ul style="list-style-type: none"> Wind direction data contained in this report represents where the wind is coming from. The last annual wind system calibration was completed on July 12, 2022. The anemometer sensors were check on March 1. Both the wind speed sensor and wind direction sensor passed the check requirements.

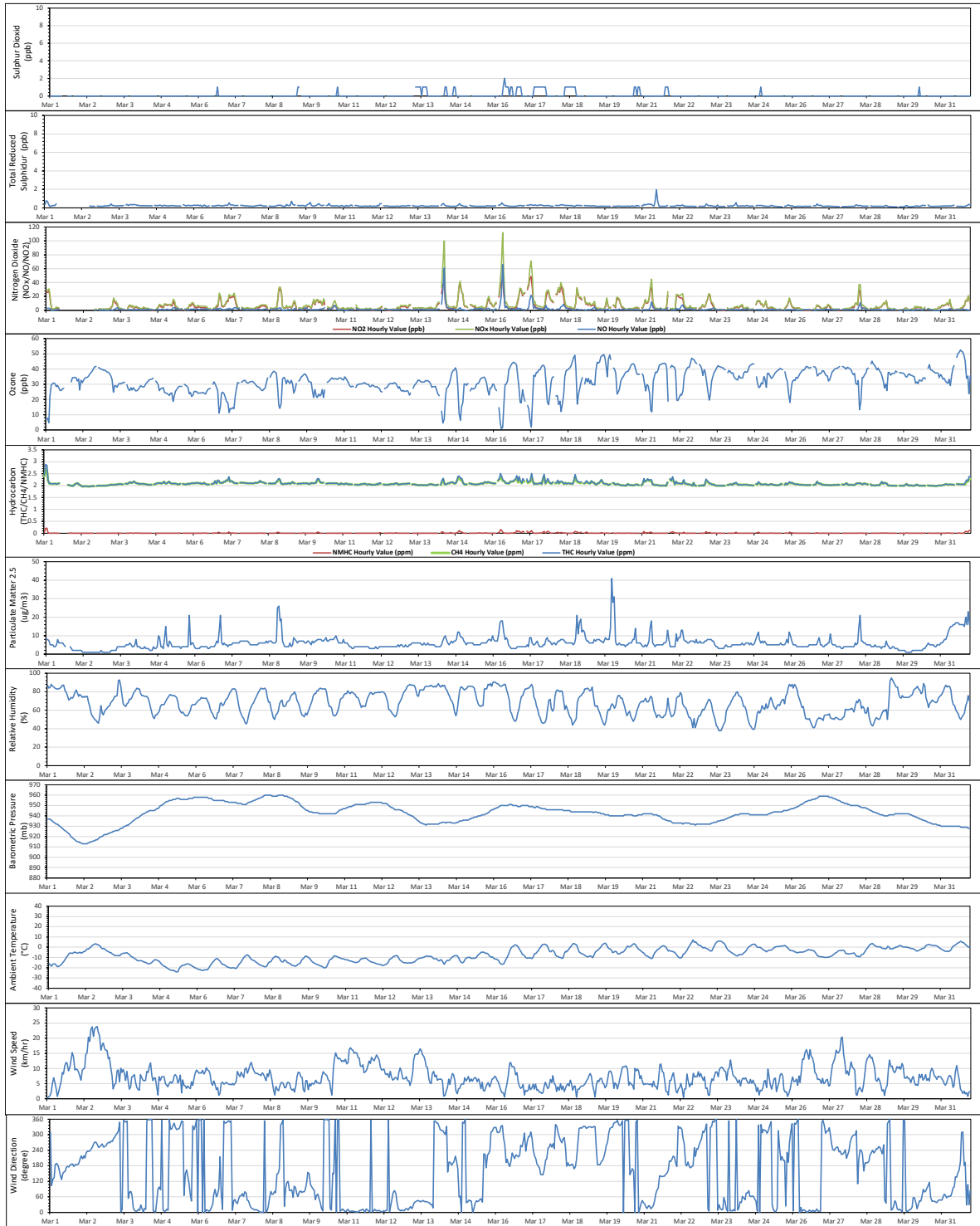
Monitored Data Summary for AQHI - Grimshaw Station

Parameter	Objectives/Guidelines			Exceedances			Monthly Avg.	Min. 1-hr	Max. 1-hr	Date/Time	VWS (km/hr)	VWD (sector)	Max. 24-hr	Date	Operational Uptime (%)	Valid Data (%)
	1-hr	24-hr	30-day	1-hr	24-hr	30-day										
SO2 (ppb)	172	48	11	0	0	0	0.1	0	2	Mar 16 at hr 7	2.1	W	0.5	Mar 16	100.0	95.1
TRS (ppb)	-	-	-	-	-	-	0.22	0.10	1.95	Mar 21 at hr 11	3.2	E	0.37	Mar 21	97.2	92.3
NOx (ppb)	-	-	-	-	-	-	8.1	1	112	Mar 16 at hr 7	2.1	W	22.0	Mar 17	97.6	92.0
NO (ppb)	-	-	-	-	-	-	1.9	0	66	Mar 16 at hr 7	2.1	W	7.4	Mar 16	97.6	92.0
NO2 (ppb)	159	-	-	0	-	-	6.2	0	49	Mar 17 at hr 6	3.6	WSW	17.2	Mar 17	97.6	92.0
O3 (ppb)	76	-	-	0	-	-	32.1	0.8	52.5	Mar 31 at hr 15	3.3	SSW	39.5	Mar 19	100.0	95.1
THC (ppm)	-	-	-	-	-	-	2.09	1.96	2.89	Mar 1 at hr 1	0.7	ESE	2.21	Mar 16	99.9	95.0
CH4 (ppm)	-	-	-	-	-	-	2.08	1.96	2.68	Mar 1 at hr 1	0.7	ESE	2.17	Mar 16	99.9	95.0
NMHC (ppm)	-	-	-	-	-	-	0.01	0.00	0.21	Mar 1 at hr 1	0.7	ESE	0.04	Mar 17	99.9	95.0
PM2.5 (µg/m3)	80	29	-	0	0	-	6.0	1	41	Mar 19 at hr 23	7.1	NNW	14.1	Mar 31	100.0	99.6
RH (%)	-	-	-	-	-	-	68.2	38	95	Mar 29 at hr 8	10.8	NNE	84.1	Mar 31	100.0	100.0
BP (millibar)	-	-	-	-	-	-	943	913	960	Mar 8 at hr 7	7.1	N	959	Mar 8	100.0	100.0
Ext. Temp. (°C)	-	-	-	-	-	-	-7.7	-23.9	7.0	Mar 22 at hr 16	8.5	WSW	0.4	Mar 31	100.0	100.0
Stn. Temp. (°C)	-	-	-	-	-	-	22.4	20.4	23.6	Mar 1 at hr 23	9.9	S	23.1	Mar 2	100.0	100.0
WSV (km/hr)	-	-	-	-	-	-	7.2	0.3	23.9	Mar 2 at hr 16	23.9	WSW	16.5	Mar 2	100.0	100.0
WDV (sector)	-	-	-	-	-	-	2 (N)	-	-	-	-	-	-	-	100.0	100.0

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 Mar 2023 - AQHI - Grimshaw Station



TABLES, CHARTS AND WIND ROSES

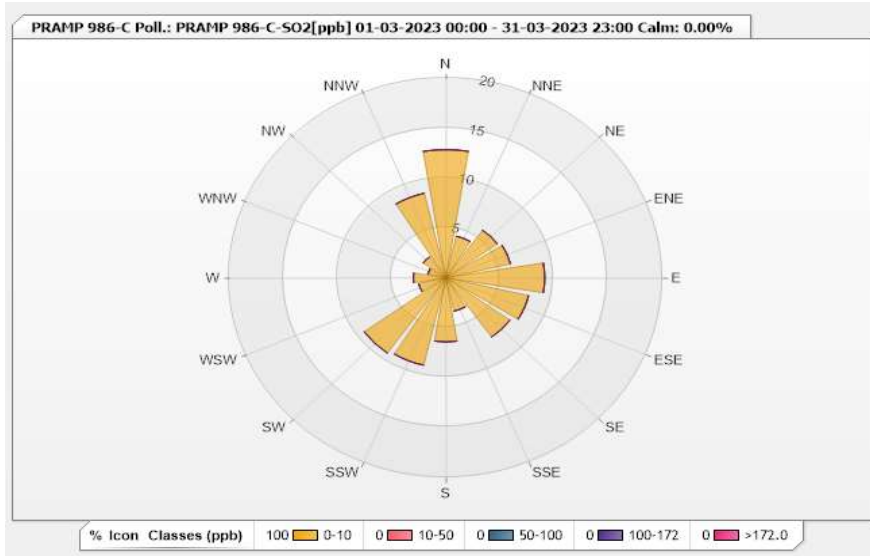
986-C STATION

Station: PRAMP 986-C Poll.: PRAMP 986-C-SO2[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.22% Calm Avg: 0.00 [ppm]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	12.84	0	0	0	0	12.84
NNE	4.28	0	0	0	0	4.28
NE	5.85	0	0	0	0	5.85
ENE	6.13	0	0	0	0	6.13
E	9.13	0	0	0	0	9.13
ESE	7.85	0	0	0	0	7.85
SE	7.28	0	0	0	0	7.28
SSE	3.42	0	0	0	0	3.42
S	6.42	0	0	0	0	6.42
SSW	8.99	0	0	0	0	8.99
SW	9.27	0	0	0	0	9.27
WSW	2.57	0	0	0	0	2.57
W	3	0	0	0	0	3
WNW	1.71	0	0	0	0	1.71
NW	2.57	0	0	0	0	2.57
NNW	8.7	0	0	0	0	8.7
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

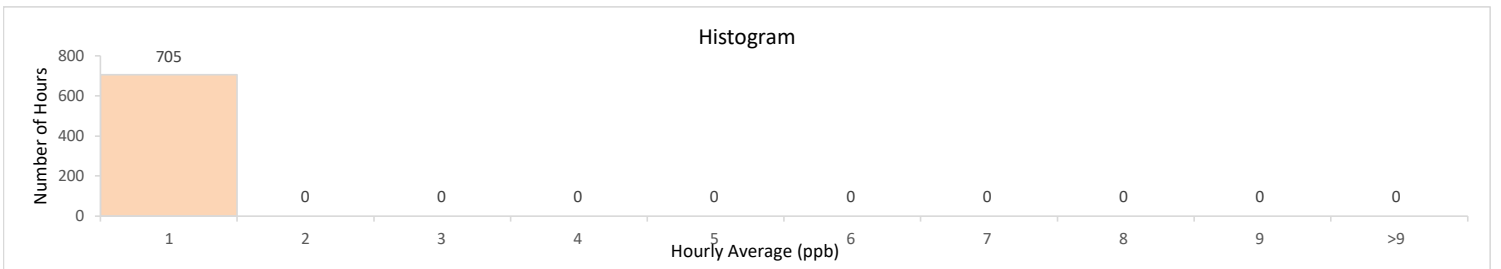
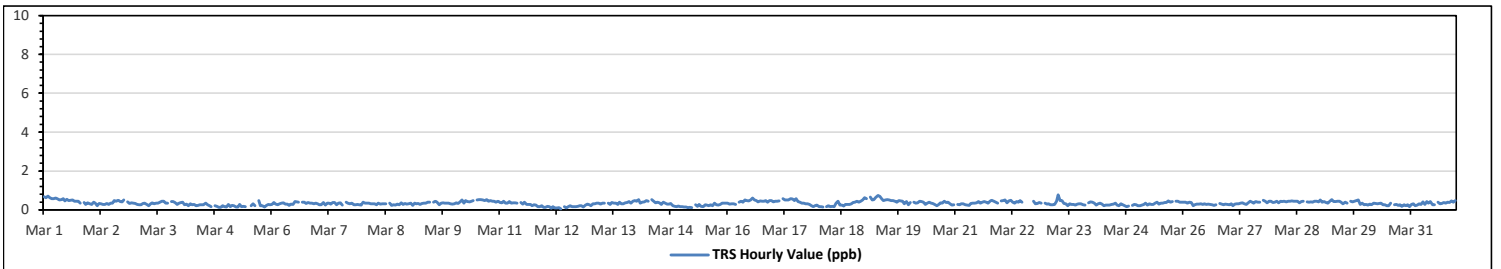
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	0.77	ppb	on Mar 23 at hr 6	Hours in Service:	744
Maximum Daily Value:	0.51	ppb	on Mar 19	Hours of Data:	705
Minimum Hourly Value:	0.05	ppb	on Mar 12 at hr 8	Hours of Missing Data:	2
Minimum Daily Value:	0.16	ppb	on Mar 12	Hours of Calibration:	37
Monthly Average:	0.34	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	
Mar 1	0.67	0.62	0.71	0.61	0.56	0.57	0.6	0.58	0.5	0.53	0.56	0.46	0.54	0.48	0.49	0.51	0.43	0.44	0.44	0.34	S	0.37	0.28	0.36	0.28	0.71	0.51	
Mar 2	0.3	0.27	0.4	0.35	0.21	0.32	0.3	0.28	0.28	0.32	0.27	0.35	0.35	0.47	0.45	0.49	0.42	0.41	0.51	S	0.41	0.32	0.36	0.35	0.21	0.51	0.36	
Mar 3	0.32	0.28	0.25	0.26	0.32	0.33	0.27	0.21	0.3	0.36	0.31	0.34	0.34	0.38	0.45	0.45	0.35	0.35	S	0.42	0.42	0.37	0.27	0.33	0.21	0.45	0.33	
Mar 4	0.37	0.39	0.25	0.29	0.21	0.31	0.25	0.28	0.22	0.23	0.25	0.25	0.26	0.33	0.26	0.2	0.17	S	0.2	0.18	0.12	0.13	0.2	0.17	0.12	0.39	0.24	
Mar 5	0.14	0.28	0.17	0.23	0.22	0.14	0.14	0.28	0.17	0.18	0.15	K	Y	K	0.22	0.3	0.21	S	0.48	0.22	0.21	0.14	0.23	0.27	0.25	0.14	0.48	0.22
Mar 6	0.27	0.37	0.29	0.26	0.3	0.34	0.36	0.29	0.29	0.23	0.29	0.27	0.42	0.41	0.4	S	0.4	0.39	0.32	0.37	0.34	0.34	0.3	0.35	0.23	0.42	0.33	
Mar 7	0.31	0.26	0.26	0.37	0.24	0.34	0.33	0.29	0.37	0.37	0.25	0.35	0.36	0.24	S	0.38	0.34	0.31	0.34	0.25	0.25	0.27	0.25	0.24	0.24	0.38	0.30	
Mar 8	0.4	0.34	0.33	0.35	0.31	0.3	0.31	0.26	0.35	0.29	0.31	0.31	0.3	S	0.33	0.23	0.25	0.24	0.29	0.26	0.36	0.27	0.32	0.29	0.23	0.40	0.30	
Mar 9	0.31	0.35	0.23	0.34	0.31	0.32	0.27	0.32	0.33	0.34	0.4	0.38	S	0.39	0.43	0.4	0.26	0.34	0.36	0.33	0.35	0.34	0.3	0.29	0.23	0.43	0.33	
Mar 10	0.3	0.36	0.32	0.41	0.5	0.34	0.47	0.42	0.41	0.44	0.48	S	0.51	0.52	0.52	0.5	0.47	0.52	0.43	0.47	0.44	0.44	0.39	0.43	0.30	0.52	0.44	
Mar 11	0.37	0.36	0.44	0.35	0.33	0.42	0.34	0.36	0.36	0.33	S	0.37	0.29	0.38	0.27	0.27	0.28	0.22	0.25	0.24	0.16	0.17	0.2	0.12	0.12	0.44	0.30	
Mar 12	0.12	0.18	0.17	0.08	0.17	0.09	0.09	0.11	0.05	S	0.15	0.09	0.17	0.21	0.17	0.15	0.16	0.18	0.22	0.2	0.14	0.24	0.29	0.26	0.05	0.29	0.16	
Mar 13	0.2	0.31	0.31	0.34	0.34	0.29	0.33	0.34	S	0.35	0.28	0.37	0.34	0.34	0.28	0.38	0.31	0.3	0.36	0.37	0.42	0.35	0.45	0.47	0.20	0.47	0.34	
Mar 14	0.44	0.52	0.34	0.39	0.41	0.48	0.44	S	0.52	0.43	0.36	0.4	0.36	0.28	0.38	0.34	0.29	0.29	0.32	0.22	0.18	0.16	0.19	0.16	0.16	0.52	0.34	
Mar 15	0.15	0.14	0.14	0.11	0.12	0.11	S	0.25	0.18	0.27	0.18	0.17	0.26	0.24	0.21	0.26	0.2	0.33	0.25	0.24	0.28	0.35	0.35	0.34	0.11	0.35	0.22	
Mar 16	0.33	0.29	0.3	0.31	0.27	S	0.39	0.44	0.38	0.51	0.47	0.46	0.51	0.6	0.51	0.47	0.41	0.46	0.43	0.43	0.47	0.4	0.47	0.48	0.27	0.60	0.43	
Mar 17	0.41	0.45	0.44	0.46	S	0.57	0.5	0.51	0.5	0.56	0.55	0.48	0.57	0.42	0.4	0.34	0.34	0.31	0.3	0.28	0.21	0.15	0.22	0.24	0.15	0.57	0.40	
Mar 18	0.15	0.15	0.14	S	0.16	0.2	0.17	0.18	0.17	0.35	0.43	0.24	0.24	0.19	0.27	0.27	0.28	0.3	0.37	0.4	0.45	0.38	0.43	0.51	0.14	0.51	0.28	
Mar 19	0.62	0.58	S	0.65	0.51	0.53	0.64	0.73	0.69	0.55	0.47	0.51	0.52	0.51	0.47	0.45	0.39	0.47	0.46	0.45	0.31	0.42	0.26	0.26	0.73	0.51		
Mar 20	0.37	S	0.4	0.34	0.36	0.43	0.42	0.38	0.27	0.35	0.4	0.35	0.32	0.28	0.22	0.28	0.36	0.34	0.43	0.37	0.4	0.3	0.24	0.26	0.22	0.43	0.34	
Mar 21	S	0.28	0.26	0.31	0.3	0.25	0.24	0.23	0.32	0.35	0.35	0.36	0.42	0.33	0.38	0.42	0.4	0.35	0.43	0.49	0.44	0.39	0.35	S	0.23	0.49	0.35	
Mar 22	0.46	0.47	0.51	0.36	0.46	0.49	0.4	0.34	0.42	0.38	0.47	0.38	C	C	C	C	C	0.45	0.3	0.32	0.37	0.34	S	0.35	0.30	0.51	0.40	
Mar 23	0.29	0.3	0.25	0.25	0.27	0.43	0.77	0.47	0.48	0.32	0.31	0.22	0.3	0.28	0.28	0.24	0.29	0.3	0.3	0.25	0.24	S	0.36	0.41	0.22	0.77	0.33	
Mar 24	0.38	0.34	0.24	0.31	0.34	0.29	0.21	0.24	0.24	0.24	0.27	0.29	0.33	0.24	0.21	0.31	0.25	0.21	0.15	0.19	S	0.23	0.27	0.26	0.15	0.38	0.26	
Mar 25	0.21	0.21	0.24	0.27	0.35	0.24	0.3	0.28	0.28	0.33	0.38	0.29	0.34	0.33	0.37	0.37	0.46	0.4	0.42	S	0.44	0.43	0.39	0.38	0.21	0.46	0.34	
Mar 26	0.39	0.39	0.35	0.38	0.37	0.21	0.26	0.29	0.29	0.31	0.27	0.3	0.28	0.29	0.28	0.25	0.23	0.25	S	0.32	0.29	0.25	0.29	0.27	0.21	0.39	0.30	
Mar 27	0.26	0.31	0.22	0.29	0.3	0.31	0.34	0.36	0.31	0.27	0.36	0.43	0.39	0.35	0.42	0.4	0.39	S	0.49	0.43	0.36	0.44	0.44	0.37	0.22	0.49	0.36	
Mar 28	0.39	0.44	0.36	0.43	0.42	0.43	0.41	0.45	0.43	0.46	0.44	0.44	0.43	0.36	0.42	0.44	S	0.41	0.39	0.41	0.38	0.43	0.45	0.41	0.36	0.46	0.42	
Mar 29	0.51	0.4	0.42	0.37	0.35	0.45	0.53	0.42	0.42	0.44	0.45	0.39	0.31	0.38	0.35	S	0.45	0.41	0.44	0.48	0.5	0.28	0.35	0.25	0.25	0.53	0.41	
Mar 30	0.27	0.24	0.29	0.25	0.35	0.32	0.31	0.32	0.33	0.26	0.25	0.2	0.2	0.33	S	0.25	0.28	0.23	0.25	0.18	0.25	0.22	0.25	0.17	0.17	0.35	0.26	
Mar 31	0.27	0.3	0.22	0.24	0.31	0.27	0.41	0.27	0.42	0.35	0.42	0.26	0.26	S	0.38	0.3	0.32	0.37	0.35	0.38	0.37	0.46	0.39	0.48	0.22	0.48	0.34	
Diurnal Maximum	0.67	0.62	0.71	0.65	0.56	0.57	0.77	0.73	0.69	0.56	0.56	0.51	0.57	0.60	0.52	0.51	0.47	0.52	0.51	0.49	0.50	0.46	0.47	0.51				
Diurnal Average	0.33	0.34	0.31	0.33	0.32	0.34	0.36	0.34	0.34	0.36	0.35	0.33	0.35	0.35	0.35	0.34	0.33	0.34	0.35	0.33	0.33	0.31	0.32	0.32				

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

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

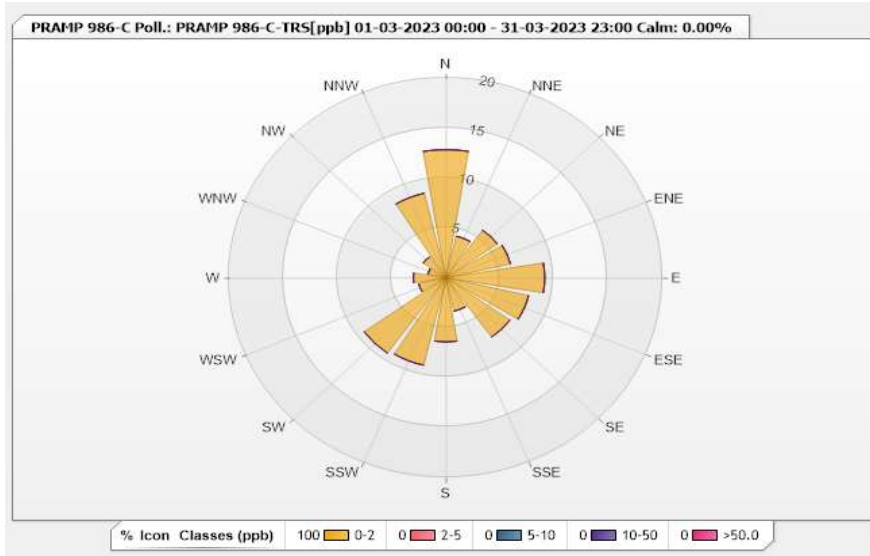


Station: PRAMP 986-C Poll.: PRAMP 986-C-TRS[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.22% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	12.84	0	0	0	0	12.84
NNE	4.28	0	0	0	0	4.28
NE	5.85	0	0	0	0	5.85
ENE	6.13	0	0	0	0	6.13
E	9.13	0	0	0	0	9.13
ESE	7.85	0	0	0	0	7.85
SE	7.28	0	0	0	0	7.28
SSE	3.42	0	0	0	0	3.42
S	6.42	0	0	0	0	6.42
SSW	8.99	0	0	0	0	8.99
SW	9.27	0	0	0	0	9.27
WSW	2.57	0	0	0	0	2.57
W	3	0	0	0	0	3
WNW	1.71	0	0	0	0	1.71
NW	2.57	0	0	0	0	2.57
NNW	8.7	0	0	0	0	8.7
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

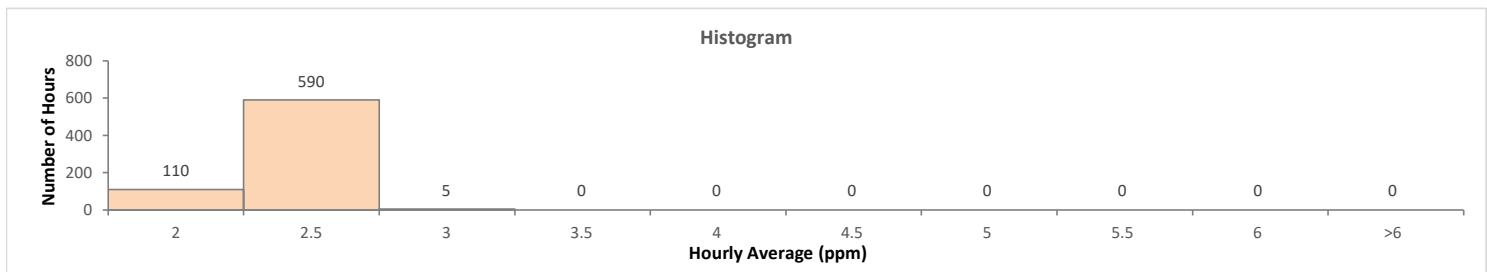
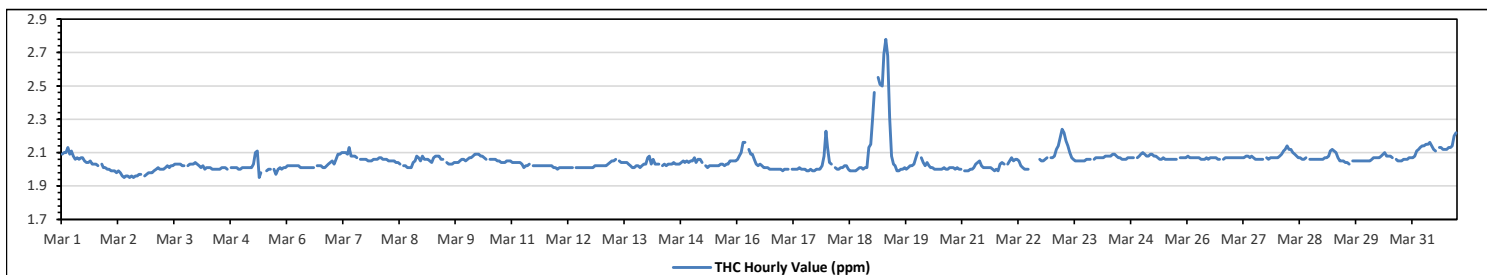
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.78 ppm on Mar 19 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.22 ppm on Mar 19	Hours of Data:	705
Minimum Hourly Value:	1.95 ppm on Mar 2 at hr 9	Hours of Missing Data:	2
Minimum Daily Value:	1.97 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.05 ppm	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	
Mar 1	2.09	2.10	2.10	2.13	2.09	2.11	2.08	2.06	2.07	2.06	2.07	2.07	2.05	2.04	2.04	2.05	2.03	2.03	2.02	2.02	S	2.03	2.01	2.01	2.01	2.13	2.06	
Mar 2	2.00	2.00	1.99	1.99	1.99	1.98	1.99	1.98	1.96	1.95	1.96	1.96	1.95	1.96	1.96	1.97	1.97	S	1.97	S	1.96	1.97	1.98	1.98	1.98	1.98	1.97	
Mar 3	1.98	1.99	2.00	2.01	2.00	2.00	2.00	2.01	2.02	2.01	2.02	2.02	2.03	2.03	2.03	2.02	2.02	S	2.02	2.03	2.03	2.03	2.04	1.98	2.04	2.02	2.02	
Mar 4	2.03	2.02	2.01	2.02	2.00	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.00	S	2.01	2.01	2.01	2.01	2.00	2.00	2.03	2.01	2.01	
Mar 5	2.01	2.01	2.01	2.01	2.01	2.01	2.03	2.10	2.11	1.95	1.98	K	K	1.99	2.00	2.00	S	2.00	1.97	2.00	2.01	2.00	2.01	1.95	2.11	2.01		
Mar 6	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.02	2.02	2.01	2.01	2.02	2.03	2.04	2.01	2.04	2.02	
Mar 7	2.05	2.03	2.06	2.09	2.09	2.10	2.10	2.09	2.13	2.08	2.08	2.08	2.07	S	2.06	2.06	2.06	2.06	2.06	2.05	2.05	2.05	2.06	2.06	2.03	2.13	2.07	
Mar 8	2.06	2.07	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.04	2.04	2.03	S	2.02	2.02	2.01	2.01	2.01	2.01	2.04	2.05	2.08	2.07	2.05	2.01	2.08	2.05	
Mar 9	2.08	2.06	2.06	2.06	2.05	2.04	2.07	2.08	2.08	2.08	2.06	2.06	S	2.04	2.03	2.03	2.03	2.04	2.04	2.04	2.05	2.06	2.06	2.05	2.03	2.08	2.05	
Mar 10	2.06	2.07	2.07	2.08	2.09	2.09	2.09	2.08	2.08	2.07	2.06	S	2.06	2.06	2.06	2.05	2.05	2.05	2.04	2.04	2.04	2.05	2.05	2.05	2.04	2.09	2.06	
Mar 11	2.04	2.04	2.04	2.04	2.04	2.03	2.01	2.02	2.02	2.03	S	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.04	2.02	
Mar 12	2.00	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.00	2.02	2.01	
Mar 13	2.02	2.02	2.02	2.03	2.04	2.05	2.05	2.06	S	2.05	2.04	2.04	2.04	2.04	2.03	2.02	2.01	2.01	2.02	2.02	2.01	2.02	2.03	2.02	2.01	2.06	2.03	
Mar 14	2.07	2.08	2.03	2.06	2.03	2.03	2.03	S	2.02	2.03	2.02	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.04	2.05	2.04	2.05	2.04	2.05	2.02	2.08	2.04	
Mar 15	2.05	2.07	2.04	2.06	2.06	2.04	S	2.02	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.02	2.03	2.03	2.05	2.05	2.05	2.05	2.01	2.07	2.04	
Mar 16	2.06	2.08	2.10	2.16	2.16	S	2.12	2.09	2.09	2.06	2.03	2.02	2.03	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.16	2.05	
Mar 17	1.99	2.00	2.00	S	2.00	2.00	2.00	2.00	2.00	2.01	2.00	2.00	2.00	1.99	1.99	2.00	1.99	1.99	2.00	2.00	2.00	2.00	2.02	2.08	2.23	1.99	2.23	2.01
Mar 18	2.13	2.04	2.03	S	2.01	2.00	2.00	2.01	2.01	2.02	2.02	2.00	1.99	1.99	1.99	1.99	2.00	2.01	2.01	2.00	2.01	2.01	2.13	2.15	1.99	2.15	2.02	
Mar 19	2.31	2.46	S	2.55	2.51	2.50	2.69	2.78	2.68	2.31	2.08	2.03	2.02	1.99	1.99	2.00	2.00	2.01	2.00	2.01	2.02	2.02	2.03	2.07	1.99	2.78	2.22	
Mar 20	2.10	S	2.07	2.04	2.02	2.04	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.00	2.00	2.01	2.01	2.01	2.00	2.01	2.00	2.00	2.00	2.10	2.02	
Mar 21	S	1.99	1.99	1.99	2.00	2.00	2.01	2.03	2.04	2.05	2.02	2.01	2.01	2.01	2.01	2.01	1.99	2.00	1.99	2.03	2.04	2.03	S	1.99	2.05	2.01		
Mar 22	2.03	2.05	2.07	2.05	2.06	2.06	2.05	2.02	2.01	2.00	2.00	C	C	C	C	C	C	2.06	2.05	2.05	2.06	2.07	S	2.07	2.00	2.07	2.04	
Mar 23	2.07	2.08	2.12	2.14	2.19	2.24	2.22	2.17	2.14	2.10	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.06	S	2.06	2.07	2.05	2.24	2.10	
Mar 24	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.09	2.09	2.08	2.07	2.07	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.07	S	2.07	2.08	2.09	2.06	2.09	2.07
Mar 25	2.10	2.09	2.08	2.08	2.08	2.09	2.08	2.08	2.07	2.06	2.06	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	S	2.07	2.07	2.07	2.07	2.06	2.10	2.07
Mar 26	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.07	2.06	2.07	2.07	2.07	2.07	2.06	2.06	S	2.06	2.07	2.07	2.07	2.07	2.06	2.08	2.07	
Mar 27	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.07	2.08	2.07	2.07	2.06	2.06	2.06	2.06	2.06	S	2.07	2.06	2.07	2.07	2.07	2.07	2.06	2.08	2.07
Mar 28	2.07	2.08	2.09	2.11	2.12	2.14	2.12	2.12	2.10	2.09	2.08	2.07	2.07	2.06	2.06	2.07	S	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.14	2.08
Mar 29	2.06	2.07	2.07	2.08	2.11	2.12	2.11	2.10	2.07	2.05	2.05	2.05	2.04	2.04	2.03	S	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.03	2.12	2.06
Mar 30	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.08	2.09	2.10	2.08	2.08	2.08	2.07	S	2.06	2.05	2.05	2.05	2.05	2.06	2.06	2.06	2.07	2.07	2.05	2.10	2.07
Mar 31	2.07	2.08	2.11	2.12	2.13	2.14	2.14	2.15	2.15	2.16	2.14	2.12	2.11	S	2.13	2.13	2.12	2.12	2.12	2.12	2.13	2.13	2.14	2.20	2.22	2.07	2.22	2.13
Diurnal Maximum	2.31	2.46	2.12	2.55	2.51	2.50	2.69	2.78	2.68	2.31	2.14	2.12	2.11	2.07	2.13	2.13	2.12	2.12	2.12	2.13	2.13	2.14	2.20	2.23				
Diurnal Average	2.06	2.06	2.05	2.08	2.08	2.07	2.08	2.07	2.06	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.05	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
X	Invalid Data (Equipment Malfunction/Recovery)	NRM	Unit Maint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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

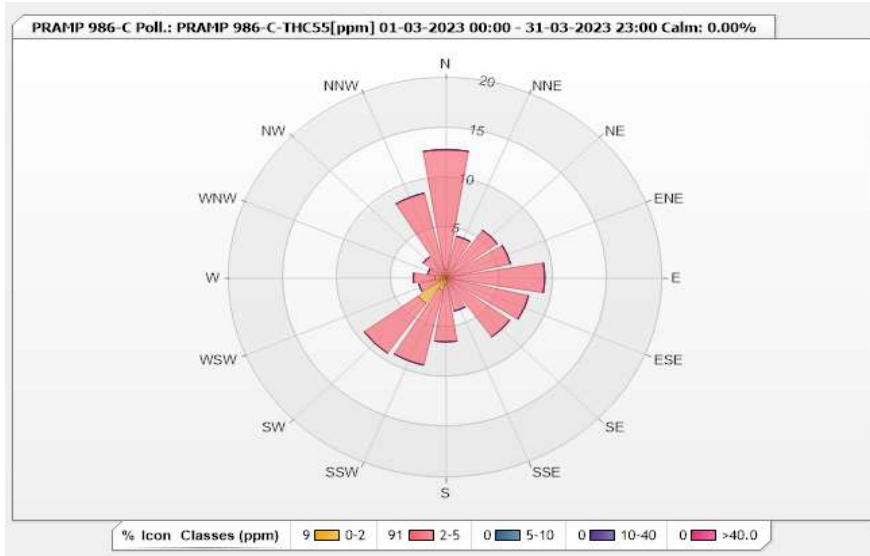


Station: PRAMP 986-C Poll.: PRAMP 986-C-THC55[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.22% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.86	11.98	0	0	0	12.84
NNE	0	4.28	0	0	0	4.28
NE	0	5.85	0	0	0	5.85
ENE	0.14	5.99	0	0	0	6.13
E	0.57	8.56	0	0	0	9.13
ESE	0.14	7.7	0	0	0	7.84
SE	0.14	7.13	0	0	0	7.27
SSE	0	3.42	0	0	0	3.42
S	0.71	5.71	0	0	0	6.42
SSW	1.28	7.7	0	0	0	8.98
SW	3.14	6.13	0	0	0	9.27
WSW	0.57	2	0	0	0	2.57
W	1	2	0	0	0	3
WNW	0.29	1.43	0	0	0	1.72
NW	0.14	2.43	0	0	0	2.57
NNW	0.29	8.42	0	0	0	8.71
Summary	9.27	90.73	0	0	0	100



Peace River Area Monitoring Program

986-C Station - March 2023
Summary of Hourly Averages

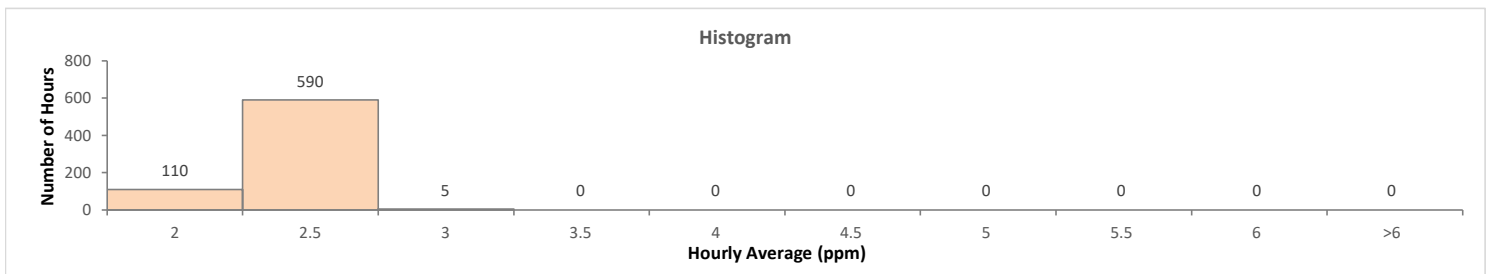
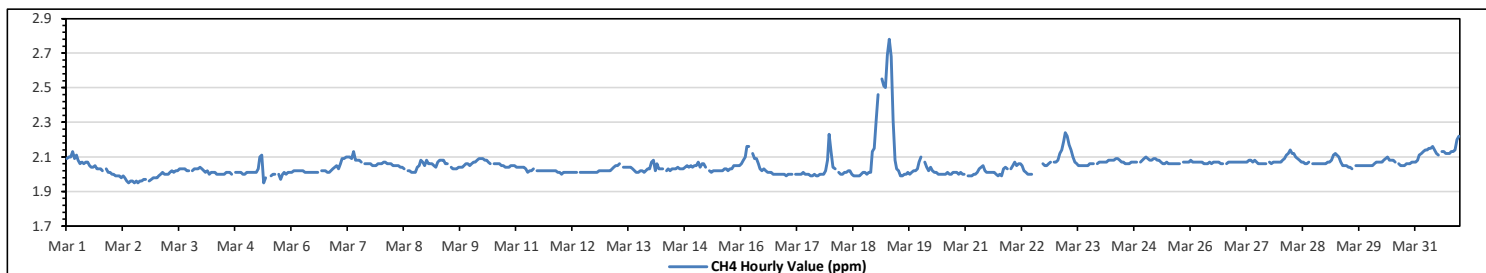
METHANE (CH4) in ppm

Maximum Hourly Value:	2.78 ppm on Mar 19 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.22 ppm on Mar 19	Hours of Data:	705
Minimum Hourly Value:	1.95 ppm on Mar 2 at hr 9	Hours of Missing Data:	2
Minimum Daily Value:	1.97 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.05 ppm	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	
Mar 1	2.09	2.10	2.10	2.13	2.09	2.11	2.08	2.06	2.07	2.06	2.07	2.07	2.05	2.04	2.04	2.05	2.03	2.03	2.03	2.02	2.02	S	2.03	2.01	2.01	2.01	2.13	2.06
Mar 2	2.00	2.00	1.99	1.99	1.99	1.98	1.99	1.98	1.96	1.95	1.96	1.96	1.95	1.96	1.96	1.96	1.97	1.97	S	1.97	S	1.96	1.97	1.98	1.98	1.98	1.98	1.97
Mar 3	1.98	1.99	2.00	2.01	2.00	2.00	2.00	2.01	2.02	2.01	2.02	2.02	2.03	2.03	2.03	2.02	2.02	S	2.02	2.03	2.03	2.03	2.04	1.98	2.04	2.02	2.04	2.02
Mar 4	2.03	2.02	2.01	2.02	2.00	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.00	S	2.01	2.01	2.01	2.01	2.00	2.00	2.03	2.01	2.01	2.01
Mar 5	2.01	2.01	2.01	2.01	2.01	2.01	2.03	2.10	2.11	1.95	1.98	K	K	1.99	2.00	2.00	S	2.00	1.97	2.00	2.01	2.00	2.01	1.95	2.11	2.01	2.01	2.01
Mar 6	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.02	2.02	2.01	2.01	2.02	2.03	2.04	2.01	2.04	2.02	2.02
Mar 7	2.05	2.03	2.06	2.09	2.09	2.10	2.10	2.10	2.09	2.13	2.08	2.08	2.08	2.07	S	2.06	2.06	2.06	2.06	2.06	2.05	2.05	2.05	2.06	2.06	2.03	2.13	2.07
Mar 8	2.06	2.07	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.04	2.04	2.03	S	2.02	2.02	2.01	2.01	2.01	2.04	2.05	2.08	2.07	2.05	2.01	2.08	2.05	2.05
Mar 9	2.08	2.06	2.06	2.06	2.05	2.04	2.07	2.08	2.08	2.08	2.08	2.06	2.06	S	2.04	2.03	2.03	2.03	2.04	2.04	2.04	2.05	2.06	2.06	2.05	2.03	2.08	2.05
Mar 10	2.06	2.07	2.07	2.08	2.09	2.09	2.09	2.08	2.08	2.07	2.06	S	2.06	2.06	2.06	2.06	2.05	2.05	2.04	2.04	2.04	2.05	2.05	2.05	2.05	2.04	2.09	2.06
Mar 11	2.04	2.04	2.04	2.04	2.04	2.03	2.01	2.02	2.02	2.02	2.03	S	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.04	2.02
Mar 12	2.00	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	S	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.01
Mar 13	2.02	2.02	2.02	2.03	2.04	2.05	2.05	2.06	S	2.04	2.04	2.04	2.04	2.04	2.03	2.02	2.01	2.01	2.02	2.02	2.01	2.02	2.02	2.03	2.02	2.01	2.06	2.03
Mar 14	2.07	2.08	2.02	2.06	2.03	2.03	2.03	S	2.02	2.03	2.02	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.04	2.05	2.04	2.05	2.04	2.05	2.02	2.08	2.04	2.04
Mar 15	2.05	2.07	2.04	2.06	2.06	2.04	S	2.02	2.01	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.02	2.03	2.03	2.05	2.05	2.05	2.05	2.05	2.01	2.07	2.04
Mar 16	2.06	2.08	2.10	2.16	2.16	S	2.12	2.09	2.09	2.06	2.03	2.02	2.03	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.16	2.05
Mar 17	1.99	2.00	2.00	2.00	S	2.00	2.00	2.00	2.00	2.01	2.00	2.00	2.00	1.99	1.99	2.00	1.99	1.99	2.00	2.00	2.00	2.00	2.02	2.08	2.23	1.99	2.23	2.01
Mar 18	2.13	2.04	2.03	S	2.01	2.00	2.00	2.01	2.01	2.02	2.02	2.00	1.99	1.99	1.99	1.99	2.00	2.01	2.01	2.00	2.01	2.01	2.13	2.15	1.99	2.15	2.02	
Mar 19	2.31	2.46	S	2.55	2.51	2.50	2.69	2.78	2.68	2.31	2.08	2.03	2.02	1.99	1.99	2.00	2.00	2.01	2.00	2.01	2.02	2.02	2.03	2.07	1.99	2.78	2.22	2.07
Mar 20	2.10	S	2.07	2.04	2.02	2.04	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.01	2.00	2.00	2.01	2.01	2.01	2.00	2.01	2.00	2.00	2.00	2.10	2.00	2.02
Mar 21	S	1.99	1.99	1.99	2.00	2.00	2.01	2.03	2.04	2.05	2.02	2.01	2.01	2.01	2.01	2.00	1.99	2.00	1.99	2.03	2.04	2.03	S	1.99	2.05	2.01	2.01	2.01
Mar 22	2.03	2.05	2.07	2.05	2.06	2.06	2.05	2.02	2.01	2.00	2.00	2.00	C	C	C	C	C	2.06	2.05	2.05	2.06	2.07	S	2.07	2.00	2.07	2.04	
Mar 23	2.07	2.08	2.12	2.14	2.19	2.24	2.22	2.17	2.14	2.10	2.07	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.06	2.06	S	2.06	2.07	2.05	2.24	2.10	2.10
Mar 24	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.09	2.09	2.08	2.07	2.07	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.07	S	2.07	2.08	2.09	2.06	2.09	2.07
Mar 25	2.10	2.09	2.08	2.08	2.08	2.09	2.08	2.08	2.07	2.06	2.06	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	S	2.07	2.07	2.07	2.07	2.06	2.10	2.07
Mar 26	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.07	2.06	2.07	2.07	2.07	2.07	2.06	2.06	S	2.06	2.07	2.07	2.07	2.07	2.07	2.06	2.08	2.07
Mar 27	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.07	2.08	2.07	2.06	2.06	2.06	2.06	2.06	2.06	S	2.07	2.06	2.07	2.07	2.07	2.07	2.06	2.08	2.07
Mar 28	2.07	2.08	2.09	2.11	2.12	2.14	2.12	2.12	2.10	2.09	2.08	2.07	2.07	2.06	2.06	2.07	S	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.14	2.08
Mar 29	2.06	2.07	2.07	2.08	2.11	2.12	2.11	2.10	2.07	2.05	2.05	2.05	2.04	2.04	2.03	S	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.03	2.12	2.06
Mar 30	2.05	2.05	2.06	2.07	2.07	2.07	2.07	2.08	2.09	2.10	2.08	2.08	2.08	2.08	2.07	S	2.06	2.05	2.05	2.05	2.05	2.06	2.06	2.06	2.07	2.05	2.10	2.07
Mar 31	2.07	2.08	2.11	2.12	2.13	2.14	2.14	2.15	2.15	2.16	2.14	2.12	2.11	S	2.13	2.13	2.12	2.12	2.12	2.12	2.13	2.13	2.14	2.20	2.22	2.07	2.22	2.13
Diurnal Maximum	2.31	2.46	2.12	2.55	2.51	2.50	2.69	2.78	2.68	2.31	2.14	2.12	2.11	2.07	2.13	2.13	2.12	2.12	2.12	2.13	2.13	2.14	2.20	2.23				
Diurnal Average	2.06	2.06	2.05	2.08	2.08	2.07	2.08	2.07	2.06	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.04	2.05	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
X	InValid Data (Equipment Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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

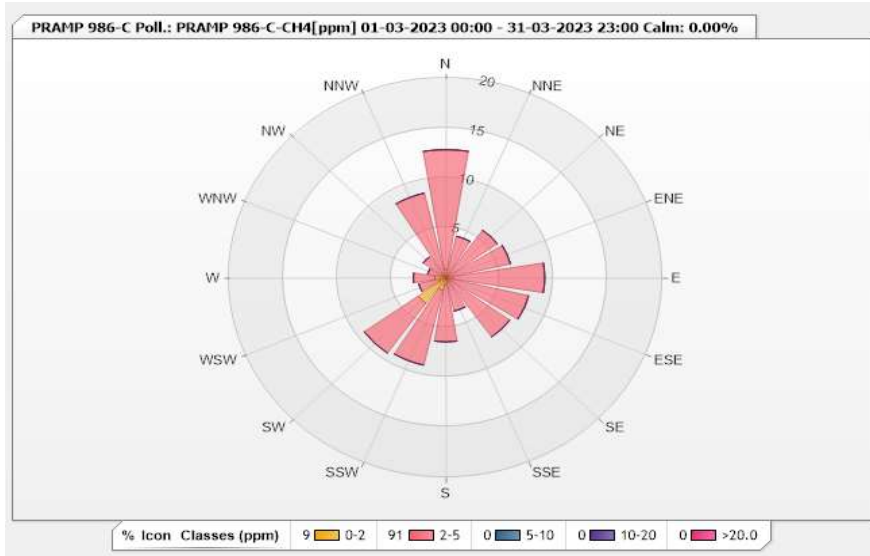


Station: PRAMP 986-C Poll.: PRAMP 986-C-CH4[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.22% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.86	11.98	0	0	0	12.84
NNE	0	4.28	0	0	0	4.28
NE	0	5.85	0	0	0	5.85
ENE	0.14	5.99	0	0	0	6.13
E	0.57	8.56	0	0	0	9.13
ESE	0.14	7.7	0	0	0	7.84
SE	0.14	7.13	0	0	0	7.27
SSE	0	3.42	0	0	0	3.42
S	0.71	5.71	0	0	0	6.42
SSW	1.28	7.7	0	0	0	8.98
SW	3.14	6.13	0	0	0	9.27
WSW	0.57	2	0	0	0	2.57
W	1	2	0	0	0	3
WNW	0.29	1.43	0	0	0	1.72
NW	0.14	2.43	0	0	0	2.57
NNW	0.29	8.42	0	0	0	8.71
Summary	9.27	90.73	0	0	0	100

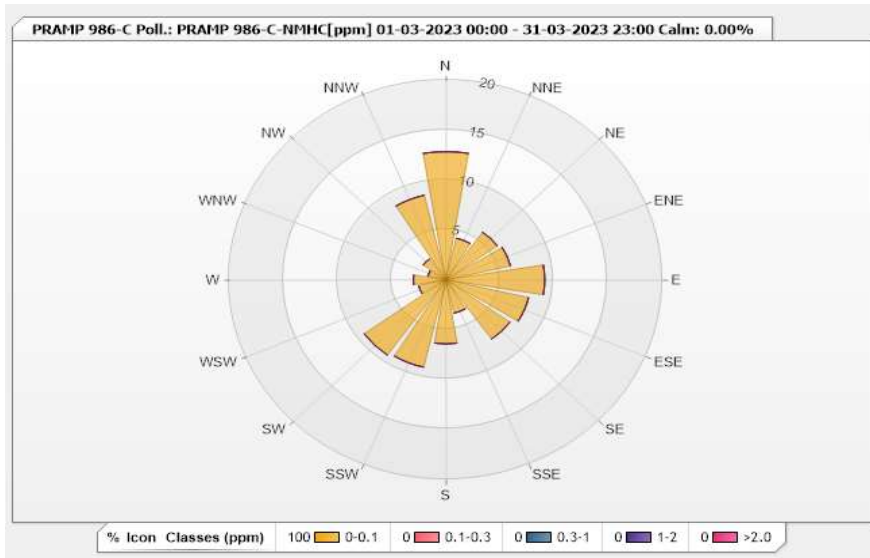


Station: PRAMP 986-C Poll.: PRAMP 986-C-NMHC[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.22% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	12.84	0	0	0	0	12.84
NNE	4.28	0	0	0	0	4.28
NE	5.85	0	0	0	0	5.85
ENE	6.13	0	0	0	0	6.13
E	9.13	0	0	0	0	9.13
ESE	7.85	0	0	0	0	7.85
SE	7.28	0	0	0	0	7.28
SSE	3.42	0	0	0	0	3.42
S	6.42	0	0	0	0	6.42
SSW	8.99	0	0	0	0	8.99
SW	9.27	0	0	0	0	9.27
WSW	2.57	0	0	0	0	2.57
W	3	0	0	0	0	3
WNW	1.71	0	0	0	0	1.71
NW	2.57	0	0	0	0	2.57
NNW	8.7	0	0	0	0	8.7
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

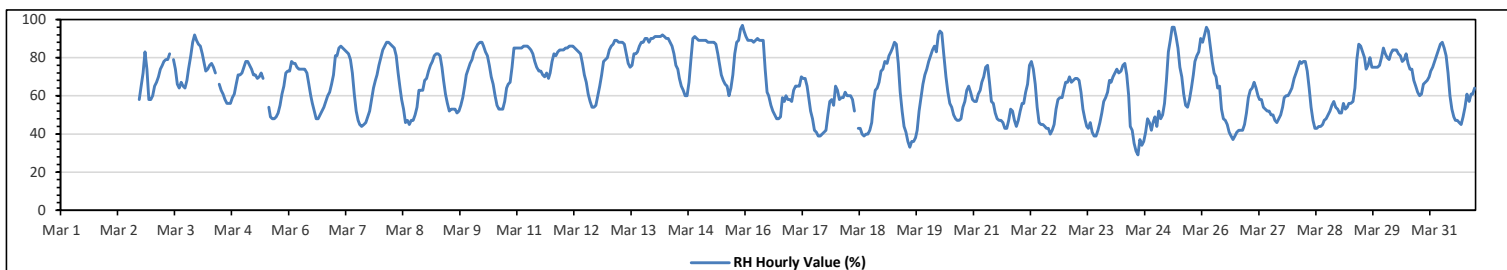
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	97	%	on Mar 15 at hr 22	Hours in Service:	744
Maximum Daily Value:	85.5	%	on Mar 13	Hours of Data:	698
Minimum Hourly Value:	29	%	on Mar 24 at hr 14	Hours of Missing Data:	46
Minimum Daily Value:	53.0	%	on Mar 24	Hours of Calibration:	0
Monthly Average:	66.5	%		Operational Uptime:	93.8

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			
Mar 1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	NA
Mar 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	58	83	74.0
Mar 3	60	65	67	70	74	76	78	79	79	82	K	79	74	66	64	67	65	64	68	74	81	88	92	89	60	92	69.3
Mar 4	87	86	82	77	73	74	76	77	75	72	K	66	63	61	58	56	56	59	61	66	71	71	72	56	87	69.3	
Mar 5	75	78	78	76	74	71	71	69	70	72	69	K	K	54	49	48	48	49	51	55	61	65	72	73	48	78	64.9
Mar 6	73	78	77	77	75	74	74	74	74	72	66	60	56	52	48	48	50	52	54	57	60	62	66	71	48	78	64.6
Mar 7	81	81	85	86	85	84	83	82	79	72	61	52	47	45	44	45	46	49	52	58	64	68	71	76	44	86	66.5
Mar 8	80	84	86	88	88	87	86	85	81	72	64	58	53	46	47	45	47	47	50	54	63	63	63	68	45	88	66.9
Mar 9	69	73	76	78	81	82	82	81	75	68	61	56	52	53	53	53	51	52	55	59	65	71	74	77	51	82	66.5
Mar 10	79	83	85	87	88	88	86	83	81	76	70	66	60	55	53	53	53	57	64	66	67	75	85	85	53	88	72.7
Mar 11	85	85	85	86	86	86	85	84	82	78	75	73	73	71	70	72	69	72	78	82	81	83	84	84	69	86	79.5
Mar 12	84	85	85	86	86	86	85	84	83	82	77	71	67	61	57	54	54	55	60	65	71	78	79	80	54	86	74.0
Mar 13	84	86	87	89	89	88	88	88	87	82	77	75	76	82	82	83	86	88	88	90	90	88	90	90	75	90	85.5
Mar 14	91	91	91	91	92	91	90	90	88	86	82	76	74	69	65	63	60	60	67	79	90	91	90	89	60	92	81.5
Mar 15	89	89	89	89	88	88	88	88	87	82	76	71	68	66	65	60	64	71	82	88	89	95	97	94	60	97	81.8
Mar 16	91	89	89	89	88	89	90	89	89	89	74	62	60	55	52	50	48	48	49	58	57	60	58	58	48	91	70.1
Mar 17	57	63	65	65	65	70	69	69	65	58	52	48	42	41	39	39	40	41	42	50	57	58	55	65	39	70	54.8
Mar 18	63	58	59	59	62	60	60	60	58	52	K	43	43	40	39	40	40	42	46	57	63	64	67	73	39	73	54.3
Mar 19	74	78	77	81	83	85	88	87	77	62	52	44	41	36	33	36	36	38	42	52	59	66	71	74	33	88	61.3
Mar 20	78	81	84	86	83	92	94	93	82	70	62	56	54	50	48	47	47	48	54	57	63	65	62	58	47	94	67.3
Mar 21	57	57	61	63	67	70	75	76	67	57	56	51	48	47	47	46	43	43	47	53	52	47	44	47	43	76	55.0
Mar 22	52	56	56	62	66	76	78	74	66	54	46	45	45	44	43	43	40	42	45	53	58	59	59	63	40	78	55.2
Mar 23	67	67	70	67	68	69	69	68	62	53	48	44	43	46	41	39	39	42	46	51	57	59	62	68	39	70	56.0
Mar 24	67	70	72	74	72	73	76	77	71	60	44	42	35	31	29	37	34	36	41	48	46	42	46	49	29	77	53.0
Mar 25	44	52	48	50	56	68	83	89	96	96	91	85	75	70	61	55	54	58	64	71	78	81	83	90	44	96	70.8
Mar 26	88	92	96	94	86	78	72	70	64	65	53	48	47	45	41	39	37	39	41	42	42	42	45	51	37	96	59.0
Mar 27	59	63	64	67	64	60	58	58	54	53	52	52	50	50	47	46	48	50	54	59	60	60	62	64	46	67	56.4
Mar 28	69	72	75	78	77	78	78	73	64	54	47	43	43	44	44	45	47	48	50	52	55	57	54	53	43	78	58.3
Mar 29	51	51	56	53	54	56	56	57	64	79	87	86	83	80	74	76	80	75	75	75	76	80	85	51	87	70.2	
Mar 30	82	80	79	82	84	84	84	82	81	78	79	82	77	74	74	68	65	62	60	61	66	67	68	70	60	84	74.5
Mar 31	73	75	78	81	84	87	88	85	81	72	60	53	49	47	47	46	45	49	54	61	57	61	64	64	45	88	64.9
Diurnal Maximum	91	92	96	94	92	92	94	93	96	91	86	83	82	82	83	86	88	88	90	90	95	97	94				
Diurnal Average	72.7	74.8	75.9	76.9	77.2	78.3	79.0	78.3	75.2	70.6	64.7	60.3	57.1	54.5	52.2	51.7	51.4	53.0	56.8	62.0	65.9	67.9	69.0	71.3			

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

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



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

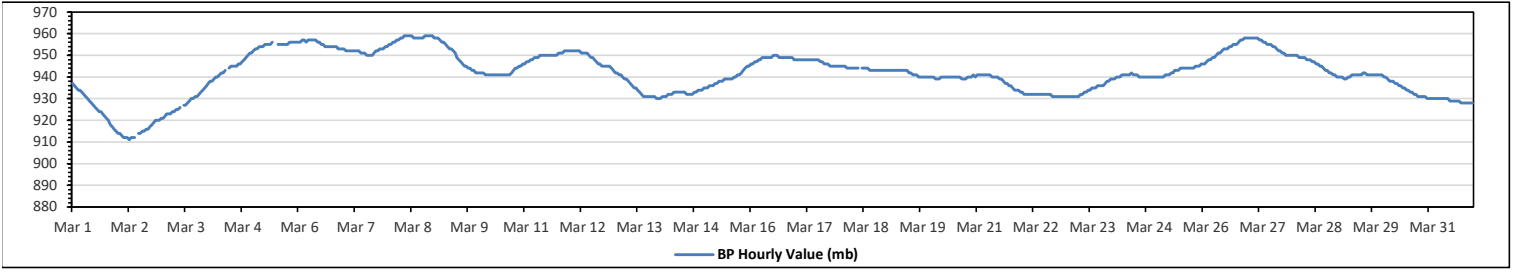
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	959	mb	on Mar 8 at hr 8	Hours in Service:	744
Maximum Daily Value:	958	mb	on Mar 8	Hours of Data:	738
Minimum Hourly Value:	911	mb	on Mar 2 at hr 6	Hours of Missing Data:	6
Minimum Daily Value:	915	mb	on Mar 2	Hours of Calibration:	0
Monthly Average:	942	mb		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	
Mar 1	937	936	935	934	934	933	932	931	930	929	928	927	926	925	924	924	923	922	921	920	918	917	916	915	915	937	927	
Mar 2	914	914	913	912	912	912	911	912	912	912	K	914	914	915	915	916	916	917	918	919	920	920	920	921	911	921	915	
Mar 3	921	922	923	923	923	924	924	925	925	926	K	927	927	928	929	930	930	931	931	932	933	934	935	936	921	936	928	
Mar 4	937	938	938	939	940	940	941	942	942	943	K	944	945	945	945	946	946	947	948	949	950	951	951	937	951	944		
Mar 5	952	953	953	954	954	954	955	955	955	955	956	K	K	955	955	955	955	955	955	956	956	956	956	952	956	955		
Mar 6	956	956	957	957	956	957	957	957	957	957	956	956	955	955	954	954	954	954	954	954	954	953	953	953	953	957	955	
Mar 7	953	952	952	952	952	952	952	952	951	951	951	951	950	950	950	950	951	952	952	953	953	953	954	954	950	954	952	
Mar 8	955	955	956	956	957	957	958	958	959	959	959	959	959	958	958	958	958	958	958	959	959	959	959	959	955	959	958	
Mar 9	958	958	958	957	956	956	955	954	953	953	952	951	949	948	947	946	945	945	944	944	943	943	942	942	942	958	950	
Mar 10	942	942	942	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	946	942	
Mar 11	946	947	947	948	948	949	949	949	950	950	950	950	950	950	950	950	950	950	951	951	951	952	952	952	946	952	950	
Mar 12	952	952	952	952	952	952	951	951	951	951	950	949	949	948	947	946	946	945	945	945	945	945	944	943	943	952	948	
Mar 13	942	942	941	941	940	939	939	938	937	936	935	935	934	933	932	931	931	931	931	931	931	931	930	930	930	942	935	
Mar 14	930	931	931	931	932	932	932	933	933	933	933	933	933	933	932	932	932	932	933	933	934	934	934	935	930	935	933	
Mar 15	935	935	936	936	936	937	937	938	938	938	939	939	939	939	939	940	940	941	941	941	942	943	944	945	935	945	939	
Mar 16	946	946	947	947	948	948	949	949	949	949	949	949	950	950	950	949	949	949	949	949	949	949	949	948	946	950	949	
Mar 17	948	948	948	948	948	948	948	948	948	948	948	948	948	947	947	946	946	946	945	945	945	945	945	945	945	948	947	
Mar 18	945	945	945	944	944	944	944	944	944	944	K	944	944	944	944	943	943	943	943	943	943	943	943	943	943	945	944	
Mar 19	943	943	943	943	943	943	943	943	943	943	943	943	942	942	941	941	941	940	940	940	940	940	940	940	940	943	942	
Mar 20	940	940	939	939	939	940	940	940	940	940	940	940	940	940	940	940	939	939	939	939	940	940	941	940	939	941	940	
Mar 21	941	941	941	941	941	941	941	941	941	940	940	940	939	939	938	937	937	936	936	935	934	934	934	933	933	941	938	
Mar 22	933	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	931	931	931	931	931	931	931	931	931	933	932	
Mar 23	931	931	931	931	931	931	931	932	932	933	933	934	934	935	935	935	936	936	936	936	936	937	938	938	939	931	939	934
Mar 24	939	939	940	940	940	941	941	941	941	941	942	941	941	941	940	940	940	940	940	940	940	940	940	940	939	942	940	
Mar 25	940	940	940	940	941	941	941	942	942	943	943	943	944	944	944	944	944	944	944	944	945	945	945	946	940	946	943	
Mar 26	946	946	947	948	948	949	949	950	951	951	952	953	953	953	954	954	955	955	955	956	957	957	958	958	946	958	952	
Mar 27	958	958	958	958	958	958	957	957	956	956	955	955	955	954	954	953	952	952	951	951	950	950	950	950	950	958	954	
Mar 28	950	950	950	949	949	949	949	948	948	948	947	947	946	946	945	945	944	943	943	942	942	941	941	940	940	950	946	
Mar 29	940	940	940	939	939	940	940	941	941	941	941	941	941	942	942	941	941	941	941	941	941	941	941	941	939	942	941	
Mar 30	940	940	939	938	938	938	937	937	936	936	935	935	934	934	933	933	932	932	931	931	931	931	931	930	930	940	935	
Mar 31	930	930	930	930	930	930	930	930	930	930	930	929	929	929	929	929	929	928	928	928	928	928	928	928	928	930	929	
Diurnal Maximum	958	958	958	958	958	958	958	959	959	959	959	959	959	958	958	958	958	958	959	959	959	959	959	959	959	959	959	
Diurnal Average	942	942	942	942	942	942	942	942	942	942	944	944	941	942	941	941	941	941	941	941	941	942	942	942	942	942	942	

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

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



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

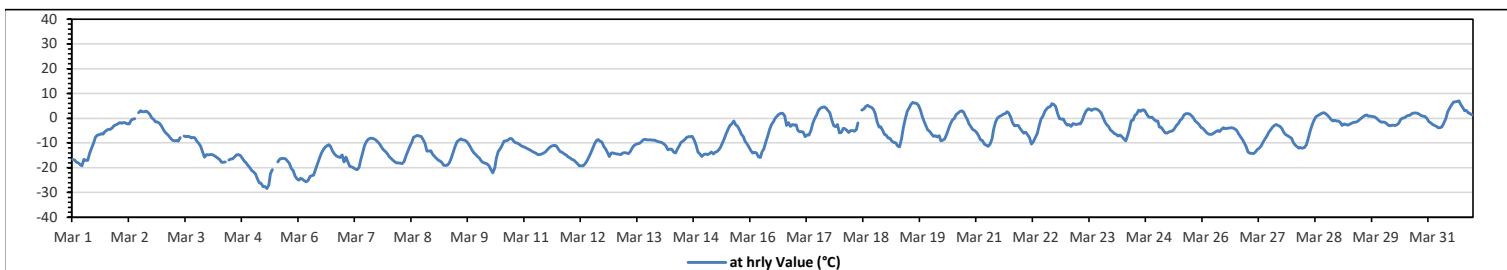
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	7.0 °C	on Mar 31 at hr 16	Hours in Service:	744
Maximum Daily Value:	1.4 °C	on Mar 31	Hours of Data:	738
Minimum Hourly Value:	-28.4 °C	on Mar 5 at hr 7	Hours of Missing Data:	6
Minimum Daily Value:	-21.9 °C	on Mar 5	Hours of Calibration:	0
Monthly Average:	-7.5 °C		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
Mar 1	-16.7	-16.9	-17.8	-18.1	-18.9	-19.3	-16.7	-17.1	-17.1	-14.2	-12.2	-10.2	-7.7	-6.8	-6.6	-6.3	-6.4	-5.5	-4.8	-4.5	-4	-3.1	-2.7	-19.3	-2.7	-10.8	
Mar 2	-2.2	-1.8	-2	-1.8	-1.9	-2.3	-2.3	-0.8	-0.4	-0.2	K	2.3	3	2.6	2.6	2.9	2.4	1.6	0.2	-0.5	-1.6	-1.6	-2	-3.1	-3.1	3.0	-0.3
Mar 3	-4.4	-5.6	-6.3	-7	-8.1	-8.9	-9.1	-9	-9.2	-7.9	K	-7.2	-7.5	-7.3	-7.5	-8	-7.7	-8	-9.2	-10.2	-11.3	-13.6	-15.7	-14.8	-15.7	-4.4	-8.8
Mar 4	-14.9	-14.7	-14.7	-15.1	-15.6	-16.1	-16.6	-17.8	-17.8	-17.7	K	-17	-16.5	-16.4	-15.6	-14.9	-14.8	-15.1	-16.1	-17.2	-18	-19	-19.9	-21	-21.0	-14.7	-16.6
Mar 5	-21.6	-22.5	-24.4	-26	-26.3	-27.7	-27.7	-28.4	-27	-22.5	-20.8	K	K	-17.7	-16.5	-16.2	-16.2	-16.4	-17.3	-18.2	-20.2	-21.2	-23.4	-24.5	-28.4	-16.2	-21.9
Mar 6	-25	-24.2	-24.7	-25.3	-25.7	-25	-23.5	-23.3	-23	-20.7	-18.5	-16.2	-14.2	-12.8	-11.7	-11.1	-10.7	-11.4	-13.2	-14.5	-15.2	-15.6	-15.8	-14.9	-25.7	-10.7	-18.2
Mar 7	-17.6	-15.7	-17.6	-19.5	-19.6	-20	-20.5	-20.8	-19.8	-17	-14	-11.1	-9.4	-8.5	-8.1	-8.1	-8.4	-8.9	-9.6	-10.6	-11.8	-12.8	-13.4	-14.3	-20.8	-8.1	-14.0
Mar 8	-15.4	-16.3	-17	-17.5	-18	-18	-18.2	-18.3	-17.4	-15	-13.1	-11.2	-9.7	-7.8	-7.4	-6.9	-7.2	-7.4	-8.6	-10.2	-13.3	-13.3	-13.1	-14.6	-18.3	-6.9	-13.1
Mar 9	-15.3	-16.1	-17	-17.3	-17.9	-19	-19.1	-19	-18	-16.1	-13.8	-11.5	-9.5	-8.9	-8.4	-8.7	-8.9	-9.3	-10.2	-11.4	-12.9	-14.1	-14.6	-15.4	-19.1	-8.4	-13.9
Mar 10	-16.1	-17.3	-17.9	-18.2	-18.4	-19.2	-20.8	-22.1	-20.1	-16.1	-13.4	-12.4	-10.9	-9.3	-9.1	-8.8	-8.3	-8.3	-9.3	-9.9	-10.1	-10.5	-11.1	-11.4	-22.1	-8.3	-13.7
Mar 11	-11.7	-12.2	-12.5	-12.9	-13.4	-13.8	-14.2	-14.7	-14.8	-14.5	-14.1	-13.5	-12.7	-12	-11.3	-11	-10.9	-11.3	-12.5	-13.5	-13.8	-14.4	-14.9	-15.6	-15.6	-10.9	-13.2
Mar 12	-16	-16.6	-17	-17.6	-18.5	-19.3	-19.3	-19.2	-18.5	-17.3	-15.7	-14	-12.3	-10.4	-9	-8.6	-9.2	-9.6	-11.5	-12.5	-14.1	-15.4	-14	-14.1	-19.3	-8.6	-14.6
Mar 13	-14.3	-14.4	-14.6	-14.7	-14.1	-13.9	-14.1	-14.3	-13.4	-12.1	-11.1	-10.6	-10.3	-10.2	-9.5	-8.7	-8.5	-8.7	-8.7	-8.7	-8.8	-8.9	-9.3	-9.5	-14.7	-8.5	-11.3
Mar 14	-9.7	-10	-10.5	-11.2	-12.8	-12.5	-12.5	-13.7	-14	-12.4	-11.1	-9.8	-9.3	-8.6	-7.8	-7.5	-7.5	-7.3	-8.7	-10.8	-13.6	-14.5	-15.5	-14.8	-15.5	-7.3	-11.1
Mar 15	-14.4	-14.8	-14.3	-13.6	-14.4	-13.8	-13.5	-12.8	-11.9	-10.2	-8.4	-6.3	-4.5	-3	-2.2	-1.2	-2.7	-3.4	-4.7	-6.5	-7.5	-9.2	-10.3	-11.6	-14.8	-1.2	-9.0
Mar 16	-13	-14.1	-13.8	-14	-15.6	-15.9	-13.7	-12.4	-9.7	-7.2	-4.5	-2.5	-1.4	-0.1	0.8	1.6	2	2	0.9	-2.9	-1.8	-3.3	-2.6	-2.8	-15.9	2.0	-6.0
Mar 17	-2.7	-4.9	-5.5	-5.4	-5.7	-7.5	-6.6	-6.8	-5	-2	0	1.3	3.3	4	4.4	4.6	4.1	3.1	2.3	-0.6	-2.9	-3.5	-2.5	-5.9	-7.5	4.6	-1.7
Mar 18	-5.8	-4.1	-4.2	-4.9	-5.8	-5	-5	-5.3	-4.6	-1.9	K	3.2	3.7	4.7	5.2	4.7	4.5	3.6	1.9	-1.6	-3.6	-3.5	-4.9	-6.5	-6.5	5.2	-1.5
Mar 19	-6.8	-8	-8.2	-9.2	-9.8	-10	-11.2	-11.6	-8.4	-3.7	-0.2	2.7	4.2	5.5	6.4	6.1	6	5.2	3.4	0.6	-1.4	-3	-4.7	-5.3	-11.6	6.4	-2.6
Mar 20	-6.4	-7.3	-7	-7.6	-7	-9.1	-8.8	-8.4	-6.5	-4.3	-2.2	-0.8	0	1.4	2.1	2.7	3	2.5	0.8	-0.6	-2.3	-3.5	-4.6	-5	-9.1	3.0	-3.3
Mar 21	-5.8	-7	-8.7	-9	-10.5	-10.9	-11.3	-10.5	-8.4	-4.4	-1.6	0.1	0.6	1.1	1.6	1.9	2.6	2.1	0.5	-1.8	-3.1	-3	-3	-4.2	-11.3	2.6	-3.9
Mar 22	-5.3	-6.1	-5.7	-6.6	-7.9	-10.5	-9.5	-7.9	-6.3	-3.2	-0.4	0.8	2.7	3.7	4.4	4.7	5.8	5.6	4.7	1.9	-0.2	-0.3	-0.3	-1.9	-10.5	5.8	-1.6
Mar 23	-2.8	-2.5	-3.3	-2.1	-2.4	-2.6	-2.3	-2.3	-0.9	1.3	2.8	3.8	3.6	3.1	3.7	3.8	3.5	3	2.1	0.3	-1.6	-2.5	-3.3	-4.7	-4.7	3.8	-0.1
Mar 24	-5.4	-6.2	-6.5	-7.2	-6.8	-7.5	-8.4	-9.1	-6.8	-4.4	-1	-0.7	1.1	1.7	3.3	2.7	3.4	3.2	2	0.6	0.3	0.4	-0.5	-1.1	-9.1	3.4	-2.2
Mar 25	-1.2	-3.6	-3.8	-4.9	-6	-6.1	-5.6	-5.3	-5.2	-4.2	-3	-2.1	-0.9	0	1.3	1.9	1.9	1.7	1.1	0.2	-1.2	-1.8	-2.6	-3.8	-6.1	1.9	-2.2
Mar 26	-4.1	-5	-6	-6.4	-6.5	-6.4	-6	-5.4	-5	-5.4	-4.4	-3.9	-4.2	-4.1	-4	-3.9	-4	-4.3	-5	-6.4	-7.6	-8.5	-9.9	-11.4	-11.4	-3.9	-5.7
Mar 27	-13.6	-14.2	-14.2	-14.3	-13.6	-12.7	-12.1	-11.2	-9.6	-8.4	-7.2	-5.7	-4.6	-3.8	-2.9	-2.6	-2.9	-3.3	-4.2	-5.8	-6.7	-7	-7.6	-8.2	-14.3	-2.6	-8.2
Mar 28	-9.9	-10.8	-11.5	-12.2	-11.8	-12.1	-11.9	-10.8	-8.3	-5.3	-2.8	-0.9	0.5	1	1.4	2	2.3	2	1.3	0.5	-0.5	-1.2	-0.9	-1.1	-12.2	2.3	-4.2
Mar 29	-1.1	-1.7	-2.9	-2.3	-2.6	-2.8	-2.4	-2	-1.7	-1.7	-1.4	-0.7	0	0.5	1.1	1.3	0.8	0.8	0.7	0.5	0.1	-0.6	-1.3	-1.7	-2.9	1.3	-0.9
Mar 30	-1.6	-1.8	-2.4	-3.1	-2.9	-2.8	-2.9	-2.7	-2	-0.5	0.1	0.2	0.8	1.1	1.2	1.9	2.1	2.1	2	1.6	1	0.8	0.6	-0.1	-3.1	2.1	-0.3
Mar 31	-1.4	-1.9	-2.6	-2.9	-3.4	-3.9	-3.9	-3.5	-1.9	-0.2	2.6	4.1	5.3	6.5	6.7	6.8	7	5.4	4.3	3	3.1	2.3	1.8	1.3	-3.9	7.0	1.4
Diurnal Maximum	-1.1	-1.7	-2.0	-1.8	-1.9	-2.3	-2.3	-0.8	-0.4	1.3	2.8	4.1	5.3	6.5	6.7	6.8	7.0	5.6	4.7	3.0	3.1	2.3	1.8	1.3			
Diurnal Average	-9.7	-10.3	-10.8	-11.2	-11.7	-12.1	-11.9	-11.8	-10.7	-8.7	-7.0	-5.0	-3.9	-3.6	-2.9	-2.7	-2.7	-3.0	-4.0	-5.5	-6.6	-7.3	-7.8	-8.5			

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

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



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

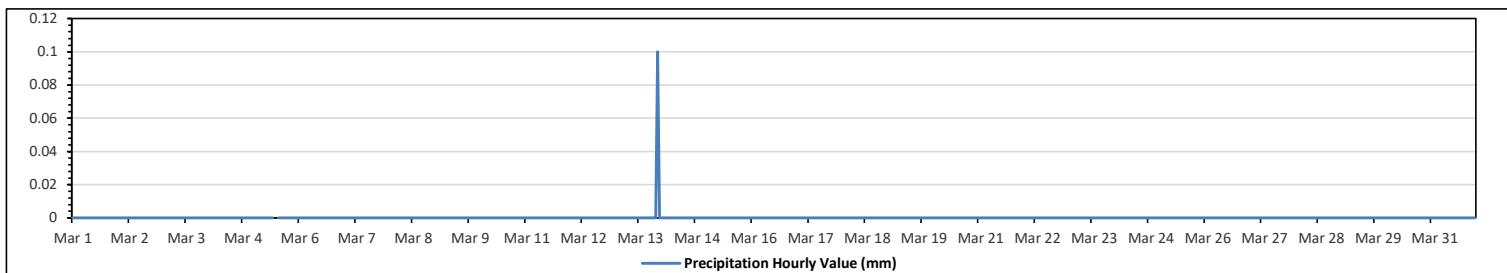
PRECIPITATION in mm

Maximum Hourly Value:	0.1 mm on Mar 13 at hr 22	Hours in Service:	744
Maximum Daily Value:	0.1 mm on Mar 13	Hours of Data:	742
Minimum Hourly Value:	0.0 mm on Mar 1 at hr 0	Hours of Missing Data:	2
Minimum Daily Value:	0.0 mm on Mar 1	Hours of Calibration:	0
Monthly Total:	0.1 mm	Operational Uptime:	99.7

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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.0	0.1	0.1
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Mar 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
Mar 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
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	0.0	0.0	

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

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



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

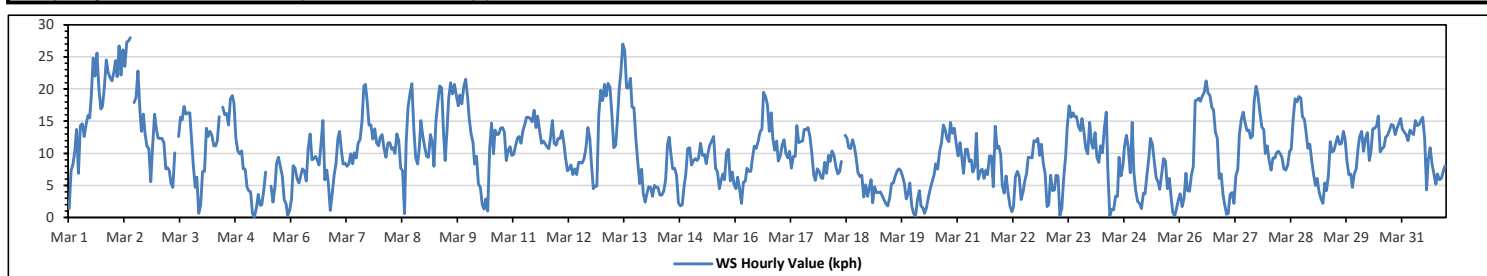
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	28.0 kph	on Mar 2 at hr 9	Hours in Service:	744
Maximum Daily Value:	19.0 kph	on Mar 2	Hours of Data:	738
Minimum Hourly Value:	0.1 kph	on Mar 5 at hr 4	Hours of Missing Data:	6
Minimum Daily Value:	3.8 kph	on Mar 5	Hours of Calibration:	0
Monthly Average:	1.5 kph		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
Mar 1	1.4	7.3	8.3	10.5	13.7	6.9	14.3	14.6	12.6	14.5	15.9	15.5	18.7	24.8	22.0	25.6	20.0	16.9	17.3	20.3	24.5	22.6	21.8	21.3	1.4	25.6	16.3
Mar 2	22.7	24.4	21.9	26.7	22.2	26.1	23.5	27.3	27.5	28.0	K	17.9	18.7	22.8	16.8	13.4	16.1	13.1	11.1	10.7	5.6	11.3	16.1	13.9	5.6	28.0	19.0
Mar 3	12.4	12.3	12.3	11.7	7.6	7.8	7.3	5.4	4.7	10.1	K	12.6	15.6	15.2	17.3	16.1	16.3	16.3	12.5	8.1	4.7	6.3	0.7	2.0	0.7	17.3	10.2
Mar 4	7.2	7.2	13.9	12.6	13.4	12.8	11.2	11.2	12.0	15.7	K	17.2	16.0	16.2	14.4	18.5	19.0	17.8	12.3	10.4	9.9	10.4	7.6	7.5	7.2	19.0	12.8
Mar 5	4.7	4.2	4.0	0.6	0.1	1.5	3.6	1.9	2.0	4.2	7.1	K	K	4.9	2.4	4.7	8.4	9.4	7.9	6.5	2.8	2.1	0.4	1.1	0.1	9.4	3.8
Mar 6	2.9	8.1	7.7	6.1	5.4	6.6	7.6	7.3	5.7	10.8	13.0	9.0	9.2	9.5	9.0	8.2	11.4	15.1	5.9	7.4	5.3	1.1	3.7	6.6	1.1	15.1	7.6
Mar 7	8.5	12.4	13.4	10.3	8.3	8.5	8.0	8.3	9.9	8.4	10.1	9.3	11.6	12.1	14.9	20.5	20.7	17.7	14.4	14.4	12.2	13.8	11.6	11.2	8.0	20.7	12.1
Mar 8	12.5	12.9	10.7	9.4	11.6	11.7	10.6	10.9	10.0	13.0	12.0	7.7	7.3	0.6	11.5	17.2	19.2	20.8	13.9	9.3	8.3	10.8	15.1	12.7	0.6	20.8	11.7
Mar 9	11.0	9.5	9.4	12.9	11.7	8.0	14.9	17.9	20.5	20.2	13.1	8.9	13.7	18.5	21.0	19.2	20.7	19.0	17.4	19.1	17.7	20.3	21.5	18.8	8.0	21.5	16.0
Mar 10	15.5	13.0	11.7	8.3	9.5	5.2	4.7	2.0	1.3	2.9	1.0	10.7	14.7	9.9	13.6	12.9	13.0	13.9	14.0	13.3	8.9	10.5	11.0	9.7	1.0	15.5	9.6
Mar 11	9.8	11.2	12.4	12.6	11.6	13.5	14.5	15.6	15.4	14.9	16.7	14.0	15.8	13.6	11.6	11.9	11.5	11.0	10.7	12.7	15.1	11.5	11.3	9.8	16.7	13.1	
Mar 12	12.3	12.3	13.5	11.6	9.4	7.3	7.6	8.2	6.7	7.6	6.7	8.6	8.6	8.5	9.1	10.9	14.0	12.3	8.5	4.5	4.9	4.9	15.9	19.8	4.5	19.8	9.7
Mar 13	18.2	20.7	18.9	20.9	20.3	16.1	10.9	11.3	14.9	20.0	22.6	27.0	26.0	20.2	20.2	21.7	17.2	17.1	12.2	8.6	5.3	7.5	3.8	2.4	2.4	27.0	16.0
Mar 14	3.6	4.8	4.7	3.3	5.0	4.7	4.7	3.5	3.5	4.1	5.9	11.4	12.5	9.7	7.6	7.7	6.6	2.3	1.8	2.0	4.6	6.8	10.7	10.9	1.8	12.5	5.9
Mar 15	8.2	8.9	9.2	8.9	9.3	11.6	9.7	9.8	8.4	10.2	11.3	11.9	12.6	7.7	7.1	4.5	5.7	6.8	5.9	10.1	10.6	5.7	7.1	5.1	4.5	12.6	8.6
Mar 16	4.5	6.3	4.5	2.2	5.5	5.7	7.7	7.2	7.2	9.1	11.1	10.8	11.8	13.3	13.8	19.5	18.8	17.6	13.4	16.3	12.3	10.5	11.9	8.8	2.2	19.5	10.4
Mar 17	9.5	11.3	12.1	9.9	9.3	10.3	7.7	9.5	9.5	14.3	11.7	11.8	11.9	13.7	13.7	14.0	12.6	9.9	6.6	5.8	7.6	7.2	6.2	6.1	5.8	14.3	10.1
Mar 18	8.6	6.9	9.7	8.7	10.4	9.7	7.9	6.8	7.2	8.7	K	12.8	12.3	10.9	10.7	12.1	11.0	9.4	7.0	6.4	6.6	3.2	5.1	3.3	3.2	12.8	8.5
Mar 19	4.5	5.9	2.3	4.8	3.9	3.9	4.0	3.4	2.8	2.2	1.8	3.0	5.3	5.4	6.4	7.2	7.6	7.4	6.5	5.3	2.9	3.8	5.4	1.8	1.8	7.6	4.5
Mar 20	0.6	0.2	2.8	4.2	1.8	1.5	0.7	1.5	3.1	4.5	5.6	6.7	8.4	7.5	10.2	11.7	14.4	13.6	12.3	11.8	14.8	13.1	13.9	11.5	0.2	14.8	7.4
Mar 21	9.6	11.7	9.6	6.9	10.6	10.6	8.7	9.0	7.1	7.9	13.1	6.0	7.2	7.5	6.1	7.4	6.7	9.6	9.6	4.8	14.2	10.8	11.1	9.8	4.8	14.2	9.0
Mar 22	5.0	3.8	6.5	3.9	1.8	0.9	1.7	6.3	7.2	6.4	2.8	4.0	5.6	6.9	9.4	9.4	9.3	12.0	11.8	12.3	9.7	11.4	8.5	6.8	0.9	12.3	6.8
Mar 23	1.7	2.0	6.6	4.2	4.3	6.6	6.5	0.4	1.4	6.2	9.6	14.1	17.4	15.6	16.3	15.7	15.7	14.2	13.5	15.4	13.4	10.7	9.9	14.8	0.4	17.4	9.8
Mar 24	11.6	10.8	13.2	9.3	8.6	11.2	10.1	13.9	16.4	7.2	0.3	1.3	1.2	3.3	3.3	9.4	6.5	8.1	11.1	12.8	10.8	7.0	14.8	7.2	0.3	16.4	8.7
Mar 25	4.2	2.5	2.2	1.4	3.8	3.7	6.6	9.3	12.3	11.4	8.7	6.2	5.5	4.4	6.7	9.2	8.8	4.5	6.1	3.0	0.8	0.3	1.3	2.7	0.3	12.3	5.2
Mar 26	3.7	1.7	3.0	6.9	4.2	4.1	6.6	8.0	18.2	18.3	18.6	18.1	18.9	19.5	21.3	19.4	19.0	17.1	16.8	13.3	12.3	6.1	6.8	3.5	1.7	21.3	11.9
Mar 27	2.0	0.5	0.6	3.6	3.9	2.2	6.5	7.5	12.9	15.3	16.4	14.7	13.5	13.6	12.4	12.7	18.0	20.4	19.1	16.4	14.1	13.7	10.0	11.2	0.5	20.4	10.9
Mar 28	8.9	7.4	9.3	9.3	10.1	10.3	10.0	9.4	7.6	7.4	8.2	10.3	10.6	15.3	18.5	18.0	18.8	18.6	15.7	15.3	13.4	10.8	11.4	8.9	7.4	18.8	11.8
Mar 29	6.7	5.0	6.1	4.0	2.9	2.2	5.4	4.2	6.5	11.8	10.2	10.4	11.6	12.6	11.4	11.5	13.4	12.3	8.9	6.7	6.8	4.7	6.8	7.6	2.2	13.4	7.9
Mar 30	10.9	12.6	13.4	10.3	12.3	13.2	8.9	10.2	13.8	13.9	14.3	15.8	10.2	10.7	11.0	12.5	12.8	13.6	14.5	14.3	12.9	13.8	14.6	15.4	8.9	15.8	12.7
Mar 31	13.8	13.3	12.9	12.0	13.6	13.2	12.9	15.1	14.3	14.5	15.2	15.6	12.2	4.3	9.0	10.9	8.3	6.8	5.2	6.8	5.9	6.1	7.2	8.1	4.3	15.6	10.7
Diurnal Maximum	22.7	24.4	21.9	26.7	22.2	26.1	23.5	27.3	27.5	28.0	22.6	27.0	26.0	24.8	22.0	25.6	20.7	20.8	19.1	20.3	24.5	22.6	21.8	21.3			
Diurnal Average	8.3	8.7	9.3	8.6	8.6	8.3	8.5	8.9	9.8	11.1	10.4	11.0	12.1	11.6	12.3	13.3	13.6	13.1	11.1	10.4	9.6	9.1	9.8	9.1			

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

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

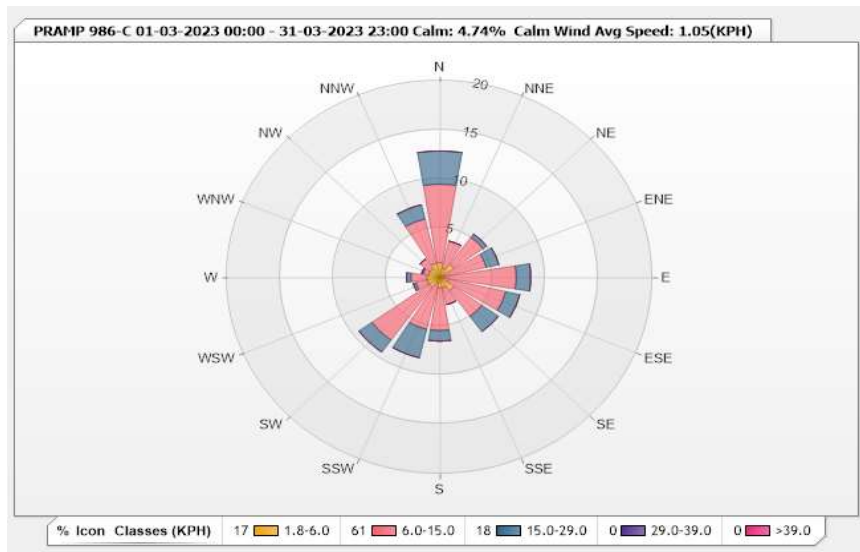


Station: PRAMP 986-C Monitor: WDS [KPH] Monthly: 03-2023

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

Calm (WS<1.8kph): 4.74% Valid Data: 99.19%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	1.49	7.99	3.39	0	0	12.87
NNE	0.95	2.85	0	0	0	3.8
NE	1.63	3.39	0.41	0	0	5.43
ENE	0.41	4.07	1.22	0	0	5.7
E	0.14	7.05	1.36	0	0	8.55
ESE	0.81	5.56	1.36	0	0	7.73
SE	1.63	3.25	1.9	0	0	6.78
SSE	1.08	1.76	0	0	0	2.84
S	1.08	4.34	1.08	0	0	6.5
SSW	0.54	4.88	2.98	0	0	8.4
SW	1.22	6.64	1.49	0	0	9.35
WSW	1.22	1.08	0.27	0	0	2.57
W	1.22	1.49	0.41	0	0	3.12
WNW	1.08	0.54	0.14	0	0	1.76
NW	1.08	1.22	0	0	0	2.3
NNW	1.49	4.61	1.49	0	0	7.59
Summary	17.07	60.72	17.5	0	0	95.29



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

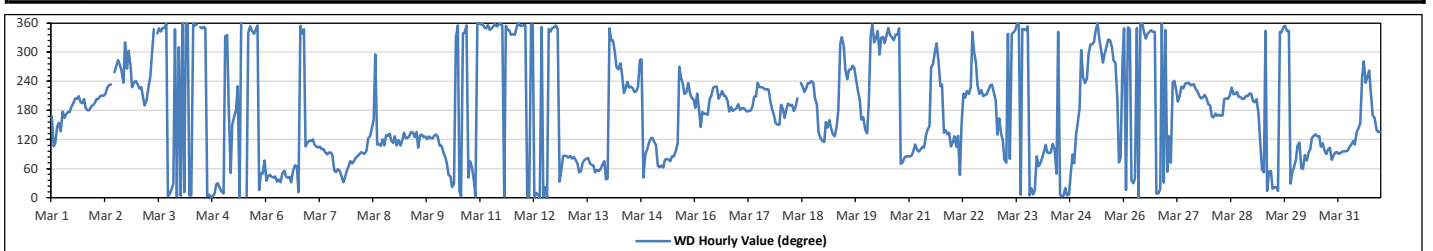
WIND DIRECTION (VWD) in sector

Monthly Average:	100 (E) degree	Hours in Service:	744
		Hours of Data:	738
		Hours of Missing Data:	6
		Hours of Calibration:	0
		Operational Uptime:	99.2

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	
Mar 1	SSE	ESE	ESE	SE	SSE	SE	S	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	184	S	
Mar 2	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	235	SW	
Mar 3	SW	SW	SW	SSW	S	SSW	SW	WSW	WNW	NNW	K	WSW	W	WNW	W	W	SW	NW	W	WNW	W	SW	SW	WSW	324	NW	
Mar 4	N	N	NNE	N	N	N	N	N	N	N	N	K	N	NNW	N	N	N	N	N	N	NNE	NNE	NNE	NNE	2	N	
Mar 5	N	NNW	NNW	S	NE	SSE	SSE	S	SW	N	N	K	K	N	NNW	N	NNW	NNW	NNW	N	NNW	NNW	NNW	NNW	352	N	
Mar 6	NE	NE	NE	NE	NE	NE	NNE	NE	NNE	NE	NE	NE	NE	NE	NNE	NE	ENE	ENE	ENE	N	NNW	NNW	ESE	ESE	45	NE	
Mar 7	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	E	NE	NE	ENE	ENE	ENE	NE	NNE	NE	ENE	ENE	77	ENE	
Mar 8	ENE	ENE	E	E	E	E	E	E	E	ESE	SE	SE	SSE	WNW	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	ESE	108	ESE	
Mar 9	SE	ESE	ESE	ESE	ESE	SE	ESE	ESE	SE	SE	SE	SE	SE	ESE	SE	SE	SE	SE	SE	ESE	SE	ESE	ESE	SE	125	SE	
Mar 10	SE	ESE	ESE	E	E	ENE	NE	NE	NNE	NNE	NNW	N	NNE	N	NNW	NNW	N	NE	ENE	ENE	NE	N	N	N	38	NE	
Mar 11	N	N	N	NNW	N	NNW	NNW	N	N	N	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	352	N	
Mar 12	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	N	NNW	NNW	NNW	NNW	N	N	N	NNE	NE	E	10	N
Mar 13	E	E	E	E	E	ENE	ENE	NE	NE	ENE	ENE	E	E	ENE	ENE	ENE	NE	ENE	NE	ENE	ENE	ENE	ENE	NE	72	ENE	
Mar 14	NNW	NW	NW	WNW	W	W	W	WSW	SW	SW	WSW	SW	SW	SW	SW	SW	SW	WNW	WNW	NE	E	E	ESE	ESE	227	SW	
Mar 15	ESE	ESE	ESE	ENE	ENE	ENE	ENE	E	ENE	ENE	E	E	E	ESE	W	WSW	SW	SSW	SW	SW	SSW	SSW	SSW	SSW	106	ESE	
Mar 16	S	SSW	S	SE	S	S	S	S	SSW	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	200	SSW	
Mar 17	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	S	SSE	SSE	SSE	199	SSW	
Mar 18	S	S	SSE	S	SSW	S	S	S	S	SSW	K	SW	SW	SW	SW	SW	SW	WSW	SSW	SSW	S	SE	ESE	ESE	205	SSW	
Mar 19	ESE	SSE	SE	SSE	SE	SE	SE	SE	S	NW	NNW	NW	W	WSW	W	W	W	WSW	SW	SSW	SSE	SSE	SE	SE	213	SSW	
Mar 20	SE	S	NNW	N	NW	NW	NNW	WNW	NNW	NNW	NNW	N	NNW	NNW	NW	NNW	NNW	NNW	NNW	ENE	ENE	E	E	E	9	N	
Mar 21	E	E	E	ESE	E	E	E	ESE	ESE	SE	SE	SE	W	W	WNW	NW	W	SW	SE	SE	SE	SE	SE	ESE	124	ESE	
Mar 22	ESE	SE	ESE	SE	NE	SSE	SSW	SSW	SSW	SSW	SSW	WNW	W	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	217	SW	
Mar 23	SSW	SE	SSE	SE	ESE	ENE	ENE	NNW	E	NNW	NNW	NNW	N	N	N	NNW	NNW	NNW	N	N	N	NNE	E	E	9	N	
Mar 24	ENE	ENE	E	E	ESE	E	E	E	ESE	E	NE	NNW	N	N	N	NNE	N	N	NE	E	ENE	SE	SSE	S	84	E	
Mar 25	WNW	WSW	SW	WSW	WNW	NW	NW	NNW	N	NW	WNW	W	WNW	NW	NW	NW	NW	NW	W	W	SSW	ENE	E	W	315	NW	
Mar 26	NNW	NNE	N	NNW	NE	NNE	NE	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	NNE	NNW	353	N
Mar 27	NE	SE	ENE	SW	WSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	S	221	SW
Mar 28	S	SSE	SSE	S	SSE	S	SSE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	201	SSW
Mar 29	SSW	SSW	SSW	S	ESE	ENE	NE	NNW	NNE	NE	NE	NNE	NNE	NNE	NNW	NNW	N	N	NNW	NNW	NNE	NE	ENE	ENE	17	NNE	
Mar 30	ENE	ESE	ESE	ENE	ENE	E	ENE	E	ESE	SE	SE	SE	SE	SE	ESE	ESE	E	E	E	ESE	ENE	E	E	E	100	E	
Mar 31	E	E	E	E	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SSE	WSW	W	SW	WSW	W	SW	WSW	SSE	SSE	SE	SE	127	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
X InValid Data (Machine Malfunction /Recovery)	NRM UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P Power Failure

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



Peace River Area Monitoring Program

986-C Station - March 2023

Summary of Hourly Averages

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

WIND SPEED	
Maximum Hourly Value:	28.0 kph on Mar 2 at hr 9
Maximum Daily Value:	19.0 kph on Mar 2
Minimum Hourly Value:	0.1 kph on Mar 5 at hr 4
Minimum Daily Value:	3.8 kph on Mar 5
Monthly Average:	1.5 kph
Hours in Service:	744
Hours of Data:	738
Hours of Missing Data:	6
Hours of Calibration:	0
Operational Uptime:	99.2

WIND DIRECTION	
Monthly Average:	100 degree (E)

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	
Mar 1	1.4	7.3	8.3	10.5	13.7	6.9	14.3	14.6	12.6	14.5	15.9	15.5	18.7	24.8	22.0	25.6	20.0	16.9	17.3	20.3	24.5	22.6	21.8	21.3	1.4	25.6	16.3	
Mar 2	SSE	ESE	ESE	SE	SSE	SE	S	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	5.6	28.0	19.0		
Mar 3	12.4	12.3	12.3	11.7	7.6	7.8	7.3	5.4	4.7	10.1	K	12.6	15.6	15.2	17.3	16.1	16.3	16.3	12.5	8.1	4.7	6.3	0.7	2.0	0.7	17.3	10.2	
Mar 4	7.2	7.2	13.9	12.6	13.4	12.8	11.2	11.2	12.0	15.7	K	17.2	16.0	16.2	14.4	18.5	19.0	17.8	12.3	10.4	9.9	10.4	7.6	7.5	7.2	19.0	12.8	
Mar 5	4.7	4.2	4.0	0.6	0.1	1.5	3.6	1.9	2.0	4.2	7.1	K	K	K	4.9	2.4	4.7	8.4	9.4	7.9	6.5	2.8	2.1	0.4	1.1	0.1	9.4	3.8
Mar 6	2.9	8.1	7.7	6.1	5.4	6.6	7.6	7.3	5.7	10.8	13.0	9.0	9.2	9.5	9.0	8.2	11.4	15.1	5.9	7.4	5.3	1.1	3.7	6.6	1.1	15.1	7.6	
Mar 7	8.5	12.4	13.4	10.3	8.3	8.5	8.0	8.3	9.9	8.4	10.1	9.3	11.6	12.1	14.9	20.5	20.7	17.7	14.4	14.4	12.2	13.8	11.6	11.2	8.0	20.7	12.1	
Mar 8	12.5	12.9	10.7	9.4	11.6	11.7	10.6	10.9	10.0	13.0	12.0	7.7	7.3	0.6	11.5	17.2	19.2	20.8	13.9	9.3	8.3	10.8	15.1	12.7	0.6	20.8	11.7	
Mar 9	11.0	9.5	9.4	12.9	11.7	8.0	14.9	17.9	20.5	20.2	13.1	8.9	13.7	18.5	21.0	19.2	20.7	19.0	17.4	19.1	17.7	20.3	21.5	18.8	8.0	21.5	16.0	
Mar 10	15.5	13.0	11.7	8.3	9.5	5.2	4.7	2.0	1.3	2.9	1.0	10.7	14.7	9.9	13.6	12.9	13.0	13.9	14.0	13.3	8.9	10.5	11.0	9.7	1.0	15.5	9.6	
Mar 11	9.8	11.2	12.4	12.6	11.6	13.5	14.5	15.6	15.6	15.4	14.9	16.7	14.0	15.8	13.6	11.6	11.9	11.5	11.0	10.7	12.7	15.1	11.5	11.3	9.8	16.7	13.1	
Mar 12	12.3	12.3	13.5	11.6	9.4	7.3	7.6	8.2	6.7	7.6	6.7	8.6	8.6	8.5	9.1	10.9	14.0	12.3	8.5	4.5	4.9	4.9	15.9	19.8	4.5	19.8	9.7	
Mar 13	18.2	20.7	18.9	20.9	20.3	16.1	10.9	11.3	14.9	20.0	22.6	27.0	26.0	20.2	20.2	21.7	17.2	17.1	12.2	8.6	5.3	7.5	3.8	2.4	2.4	27.0	16.0	
Mar 14	3.6	4.8	4.7	3.3	5.0	4.7	4.7	3.5	3.5	4.1	5.9	11.4	12.5	9.7	7.6	7.7	6.6	2.3	1.8	2.0	4.6	6.8	10.7	10.9	1.8	12.5	5.9	
Mar 15	8.2	8.9	9.2	8.9	9.3	11.6	9.7	9.8	8.4	10.2	11.3	11.9	12.6	7.7	7.1	4.5	5.7	6.8	5.9	10.1	10.6	5.7	7.1	5.1	4.5	12.6	8.6	
Mar 16	4.5	6.3	4.5	2.2	5.5	5.7	7.7	7.2	7.2	9.1	11.1	10.8	11.8	13.3	13.8	19.5	18.8	17.6	13.4	16.3	12.3	10.5	11.9	8.8	2.2	19.5	10.4	
Mar 17	9.5	11.3	12.1	9.9	9.3	10.3	7.7	9.5	9.5	14.3	11.7	11.8	11.9	13.7	13.7	14.0	12.6	9.9	6.6	5.8	7.6	7.2	6.2	6.1	5.8	14.3	10.1	
Mar 18	8.6	6.9	9.7	8.7	10.4	9.7	7.9	6.8	7.2	8.7	K	12.8	12.3	10.9	10.7	12.1	11.0	9.4	7.0	6.4	6.6	3.2	5.1	3.3	3.2	12.8	8.5	
Mar 19	4.5	5.9	2.3	4.8	3.9	3.9	4.0	3.4	2.8	2.2	1.8	3.0	5.3	5.4	6.4	7.2	7.6	7.4	6.5	5.3	2.9	3.8	5.4	1.8	1.8	7.6	4.5	
Mar 20	0.6	0.2	2.8	4.2	1.8	1.5	0.7	1.5	3.1	4.5	5.6	6.7	8.4	7.5	10.2	11.7	14.4	13.6	12.3	11.8	14.8	13.1	13.9	11.5	0.2	14.8	7.4	
Mar 21	9.6	11.7	9.6	6.9	10.6	10.6	8.7	9.0	7.1	7.9	13.1	6.0	7.2	7.5	6.1	7.4	6.7	9.6	9.6	4.8	14.2	10.8	11.1	9.8	4.8	14.2	9.0	
Mar 22	5.0	3.8	6.5	3.9	1.8	0.9	1.7	6.3	7.2	6.4	2.8	4.0	5.6	6.9	9.4	9.4	9.3	12.0	11.8	12.3	9.7	11.4	8.5	6.8	0.9	12.3	6.8	
Mar 23	1.7	2.0	6.6	4.2	4.3	6.6	6.5	0.4	1.4	6.2	9.6	14.1	17.4	15.6	16.3	15.7	15.7	14.2	13.5	15.4	13.4	10.7	9.9	14.8	0.4	17.4	9.8	
Mar 24	11.6	10.8	13.2	9.3	8.6	11.2	10.1	13.9	16.4	7.2	0.3	1.3	1.2	3.3	3.3	9.4	6.5	8.1	11.1	12.8	10.8	7.0	14.8	7.2	0.3	16.4	8.7	
Mar 25	4.2	2.5	2.2	1.4	3.8	3.7	6.6	9.3	12.3	11.4	8.7	6.2	5.5	4.4	6.7	9.2	8.8	4.5	6.1	3.0	0.8	0.3	1.3	2.7	0.3	12.3	5.2	
Mar 26	3.7	1.7	3.0	6.9	4.2	4.1	6.6	8.0	18.2	18.3	18.6	18.1	18.9	19.5	21.3	19.4	19.0	17.1	16.8	13.3	12.3	6.1	6.8	3.5	1.7	21.3	11.9	
Mar 27	2.0	0.5	0.6	3.6	3.9	2.2	6.5	7.5	12.9	15.3	16.4	14.7	13.5	13.6	12.4	12.7	18.0	20.4	19.1	16.4	14.1	13.7	10.0	11.2	0.5	20.4	10.9	
Mar 28	8.9	7.4	9.3	9.3	10.1	10.3	10.0	9.4	7.6	7.4	8.2	10.3	10.6	15.3	18.5	18.0	18.8	18.6	15.7	15.3	13.4	10.8	11.4	8.9	7.4	18.8	11.8	
Mar 29	6.7	5.0	6.1	4.0	2.9	2.2	5.4	4.2	6.5	11.8	10.2	10.4	11.6	12.6	11.4	11.5	13.4	12.3	8.9	6.7	6.8	4.7	6.8	7.6	2.2	13.4	7.9	
Mar 30	10.9	12.6	13.4	10.3	12.3	13.2	8.9	10.2	13.8	13.9	14.3	15.8	10.2	10.7	11.0	12.5	12.8	13.6	14.5	14.3	12.9	13.8	14.6	15.4	8.9	15.8	12.7	
Mar 31	13.8	13.3	12.9	12.0	13.6	13.2	12.9	15.1	14.3	14.5	15.2	15.6	12.2	4.3	9.0	10.9	8.3	6.8	5.2	6.8	5.9	6.1	7.2	8.1	4.3	15.6	10.7	

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

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

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

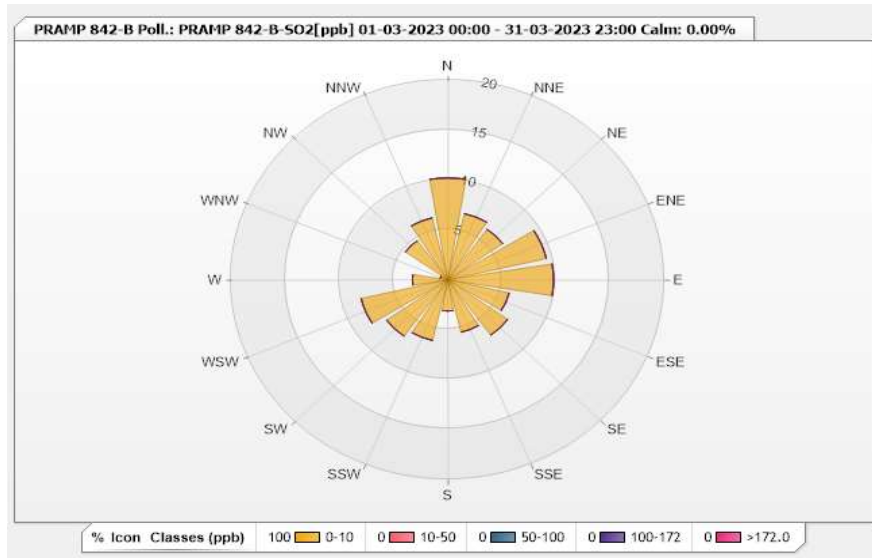
842-B STATION

Station: PRAMP 842-B Poll.: PRAMP 842-B-SO2[ppb] Monthly: 03-2023

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

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

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	10.2	0	0	0	0	10.2
NNE	6.8	0	0	0	0	6.8
NE	6.23	0	0	0	0	6.23
ENE	9.35	0	0	0	0	9.35
E	9.77	0	0	0	0	9.77
ESE	5.81	0	0	0	0	5.81
SE	6.8	0	0	0	0	6.8
SSE	5.38	0	0	0	0	5.38
S	3.12	0	0	0	0	3.12
SSW	6.23	0	0	0	0	6.23
SW	6.94	0	0	0	0	6.94
WSW	8.22	0	0	0	0	8.22
W	3.26	0	0	0	0	3.26
WNW	0.71	0	0	0	0	0.71
NW	4.82	0	0	0	0	4.82
NNW	6.37	0	0	0	0	6.37
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

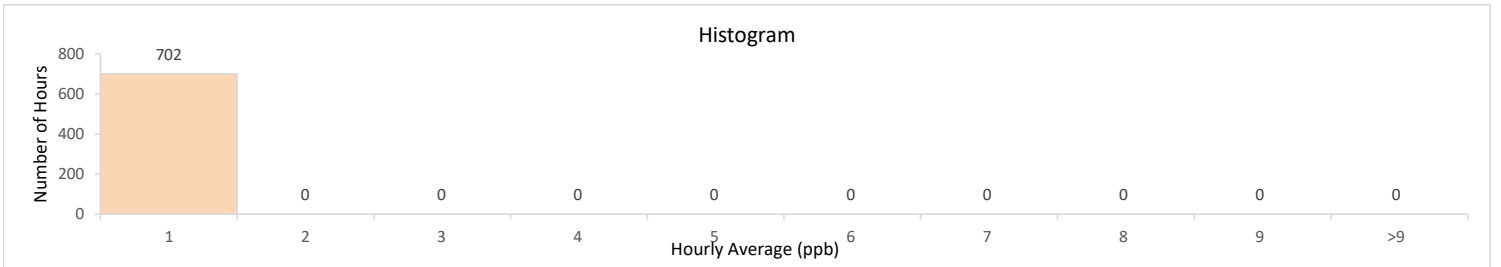
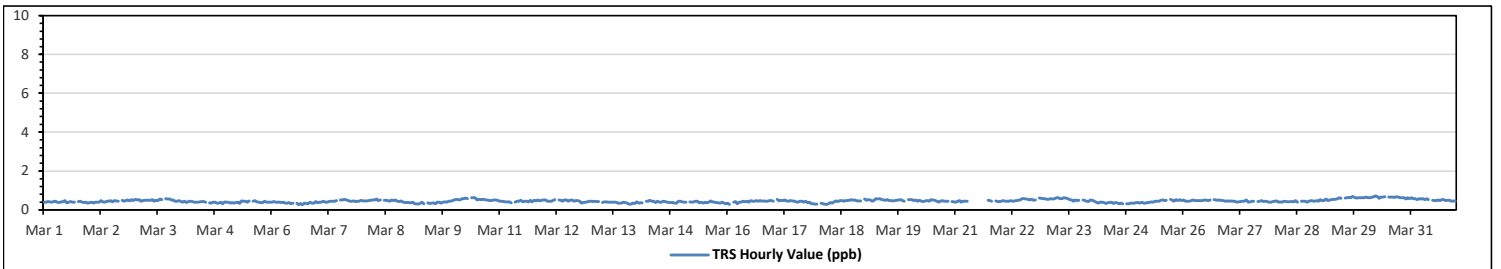
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	0.72	ppb	on Mar 30 at hr 5	Hours in Service:	744
Maximum Daily Value:	0.64	ppb	on Mar 30	Hours of Data:	702
Minimum Hourly Value:	0.25	ppb	on Mar 6 at hr 16	Hours of Missing Data:	2
Minimum Daily Value:	0.35	ppb	on Mar 6	Hours of Calibration:	40
Monthly Average:	0.45	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
Mar 1	0.4	0.38	0.42	0.41	0.38	0.42	0.44	0.39	0.37	0.41	0.42	0.48	0.36	0.4	0.42	0.38	0.38	S	0.42	0.44	0.38	0.37	0.38	0.33	0.33	0.48	0.40
Mar 2	0.37	0.4	0.35	0.4	0.39	0.39	0.48	0.41	0.39	0.45	0.43	0.47	0.41	0.48	0.46	0.44	S	0.49	0.44	0.48	0.5	0.46	0.53	0.47	0.35	0.53	0.44
Mar 3	0.54	0.5	0.52	0.43	0.47	0.49	0.49	0.49	0.49	0.53	0.45	0.49	0.47	0.55	0.52	S	0.56	0.55	0.55	0.5	0.5	0.44	0.43	0.48	0.43	0.56	0.50
Mar 4	0.42	0.4	0.43	0.37	0.42	0.43	0.42	0.39	0.4	0.4	0.41	0.42	0.42	0.38	S	0.36	0.35	0.4	0.39	0.35	0.34	0.38	0.31	0.41	0.31	0.43	0.39
Mar 5	0.38	0.4	0.34	0.37	0.35	0.37	0.39	0.32	0.46	0.43	0.43	0.4	0.46	S	0.43	0.48	0.41	0.39	0.37	0.36	0.45	0.4	0.39	0.4	0.32	0.48	0.40
Mar 6	0.39	0.42	0.38	0.4	0.38	0.37	0.4	0.33	0.33	0.37	0.31	0.35	S	0.35	0.26	0.32	0.25	0.35	0.32	0.3	0.4	0.34	0.35	0.42	0.25	0.42	0.35
Mar 7	0.36	0.39	0.4	0.43	0.39	0.4	0.42	0.44	0.44	0.44	0.48	S	0.5	0.5	0.54	0.51	0.49	0.43	0.44	0.46	0.42	0.43	0.45	0.49	0.36	0.54	0.45
Mar 8	0.46	0.46	0.46	0.48	0.49	0.5	0.51	0.55	0.47	0.51	S	0.49	0.49	0.47	0.45	0.5	0.47	0.5	0.43	0.42	0.46	0.38	0.37	0.37	0.37	0.55	0.46
Mar 9	0.37	0.36	0.38	0.31	0.31	0.29	0.32	0.38	0.3	S	0.36	0.32	0.33	0.36	0.31	0.38	0.4	0.33	0.39	0.41	0.4	0.44	0.43	0.48	0.29	0.48	0.36
Mar 10	0.5	0.54	0.52	0.51	0.57	0.57	0.6	0.56	S	0.61	0.63	0.61	0.5	0.54	0.52	0.54	0.52	0.51	0.49	0.48	0.49	0.51	0.51	0.47	0.47	0.63	0.53
Mar 11	0.45	0.45	0.42	0.41	0.41	0.41	0.36	S	0.4	0.43	0.43	0.49	0.41	0.44	0.44	0.41	0.49	0.41	0.49	0.46	0.5	0.46	0.49	0.51	0.36	0.51	0.44
Mar 12	0.51	0.44	0.43	0.44	0.48	0.52	S	0.5	0.49	0.45	0.51	0.5	0.45	0.49	0.51	0.45	0.48	0.47	0.43	0.34	0.37	0.39	0.41	0.44	0.34	0.52	0.46
Mar 13	0.44	0.42	0.45	0.42	0.42	S	0.37	0.41	0.41	0.39	0.39	0.39	0.39	0.39	0.34	0.34	0.33	0.38	0.37	0.34	0.29	0.29	0.34	0.32	0.29	0.45	0.38
Mar 14	0.41	0.35	0.36	0.36	S	0.43	0.43	0.49	0.44	0.45	0.37	0.45	0.39	0.4	0.43	0.42	0.38	0.37	0.37	0.37	0.33	0.34	0.44	0.44	0.33	0.49	0.40
Mar 15	0.41	0.4	0.4	S	0.41	0.39	0.41	0.43	0.43	0.36	0.4	0.34	0.39	0.36	0.4	0.46	0.41	0.39	0.37	0.36	0.35	0.4	0.35	0.3	0.30	0.46	0.39
Mar 16	0.33	0.28	S	0.4	0.42	0.31	0.4	0.4	0.44	0.41	0.43	0.4	0.47	0.43	0.45	0.48	0.45	0.48	0.44	0.46	0.44	0.43	0.48	0.47	0.28	0.48	0.42
Mar 17	0.45	S	0.54	0.46	0.49	0.47	0.51	0.46	0.45	0.48	0.46	0.45	0.41	0.4	0.44	0.44	0.39	0.43	0.36	0.39	0.31	0.3	0.29	0.29	0.29	0.54	0.42
Mar 18	S	0.33	0.3	0.29	0.28	0.31	0.37	0.33	0.41	0.46	0.42	0.48	0.47	0.43	0.48	0.48	0.49	0.52	0.49	0.5	0.46	0.46	0.46	S	0.28	0.52	0.42
Mar 19	0.55	0.49	0.52	0.5	0.45	0.47	0.56	0.55	0.58	0.52	0.5	0.49	0.53	0.48	0.47	0.46	0.48	0.49	0.5	0.52	0.47	0.45	S	0.52	0.45	0.58	0.50
Mar 20	0.53	0.53	0.48	0.51	0.44	0.49	0.45	0.42	0.46	0.47	0.45	0.53	0.5	0.49	0.44	0.4	0.44	0.48	0.43	0.43	0.43	S	0.42	0.41	0.40	0.53	0.46
Mar 21	0.4	0.43	0.48	0.38	0.43	0.43	0.43	C	C	C	NRM	NRM	C	C	C	C	C	0.49	0.48	0.45	S	0.46	0.42	0.42	0.38	0.49	NA
Mar 22	0.43	0.47	0.43	0.45	0.44	0.47	0.45	0.46	0.47	0.49	0.5	0.57	0.57	0.55	0.54	0.51	0.54	0.49	0.51	S	0.6	0.59	0.57	0.58	0.43	0.60	0.51
Mar 23	0.54	0.54	0.57	0.55	0.56	0.61	0.63	0.56	0.58	0.61	0.6	0.58	0.52	0.5	0.45	0.5	0.48	0.49	S	0.5	0.47	0.44	0.42	0.5	0.42	0.63	0.53
Mar 24	0.49	0.44	0.4	0.34	0.4	0.4	0.37	0.32	0.36	0.37	0.4	0.32	0.37	0.36	0.31	0.35	0.31	S	0.3	0.31	0.35	0.35	0.37	0.30	0.49	0.36	
Mar 25	0.37	0.35	0.38	0.35	0.33	0.37	0.37	0.41	0.4	0.43	0.43	0.44	0.49	0.51	0.48	0.49	S	0.54	0.49	0.44	0.52	0.48	0.52	0.48	0.33	0.54	0.44
Mar 26	0.51	0.44	0.44	0.45	0.48	0.51	0.48	0.48	0.48	0.48	0.48	0.51	0.49	0.48	0.51	S	0.53	0.51	0.49	0.5	0.48	0.48	0.45	0.46	0.44	0.53	0.48
Mar 27	0.45	0.46	0.44	0.43	0.4	0.41	0.42	0.43	0.45	0.51	0.4	0.41	0.43	0.45	S	0.42	0.44	0.47	0.42	0.43	0.42	0.4	0.4	0.42	0.40	0.51	0.43
Mar 28	0.45	0.46	0.38	0.41	0.39	0.43	0.42	0.41	0.42	0.42	0.41	0.47	0.39	S	0.44	0.45	0.44	0.4	0.44	0.48	0.46	0.43	0.47	0.43	0.38	0.48	0.43
Mar 29	0.52	0.47	0.47	0.55	0.48	0.51	0.53	0.54	0.54	0.58	0.61	0.59	S	0.6	0.61	0.64	0.62	0.69	0.64	0.6	0.62	0.62	0.62	0.61	0.47	0.69	0.58
Mar 30	0.65	0.63	0.63	0.64	0.67	0.72	0.67	0.59	0.65	0.66	0.67	S	0.65	0.65	0.66	0.64	0.67	0.65	0.62	0.63	0.61	0.55	0.61	0.58	0.55	0.72	0.64
Mar 31	0.61	0.56	0.57	0.52	0.57	0.55	0.57	0.53	0.56	0.62	S	0.49	0.48	0.47	0.5	0.47	0.52	0.53	0.48	0.49	0.49	0.44	0.46	0.45	0.44	0.61	0.51
Diurnal Maximum	0.65	0.63	0.63	0.64	0.67	0.72	0.67	0.59	0.65	0.66	0.67	0.61	0.65	0.65	0.66	0.64	0.67	0.69	0.64	0.63	0.62	0.62	0.62	0.61			
Diurnal Average	0.46	0.44	0.44	0.43	0.44	0.45	0.46	0.45	0.45	0.47	0.46	0.46	0.46	0.46	0.46	0.45	0.45	0.47	0.45	0.44	0.44	0.43	0.44	0.44			

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

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

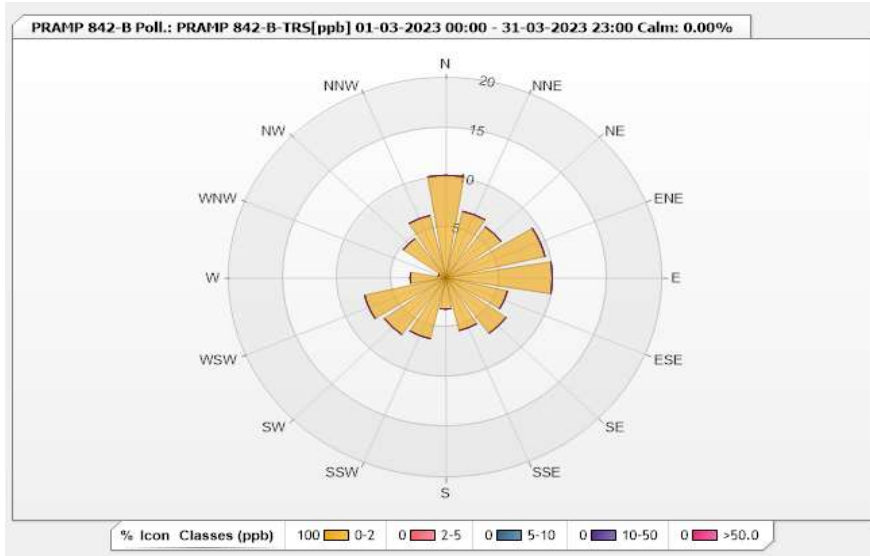


Station: PRAMP 842-B Poll.: PRAMP 842-B-TRS[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.35% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	10.26	0	0	0	0	10.26
NNE	6.84	0	0	0	0	6.84
NE	6.27	0	0	0	0	6.27
ENE	9.4	0	0	0	0	9.4
E	9.83	0	0	0	0	9.83
ESE	5.84	0	0	0	0	5.84
SE	6.84	0	0	0	0	6.84
SSE	5.41	0	0	0	0	5.41
S	3.13	0	0	0	0	3.13
SSW	6.27	0	0	0	0	6.27
SW	6.98	0	0	0	0	6.98
WSW	7.69	0	0	0	0	7.69
W	3.28	0	0	0	0	3.28
WNW	0.71	0	0	0	0	0.71
NW	4.84	0	0	0	0	4.84
NNW	6.41	0	0	0	0	6.41
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

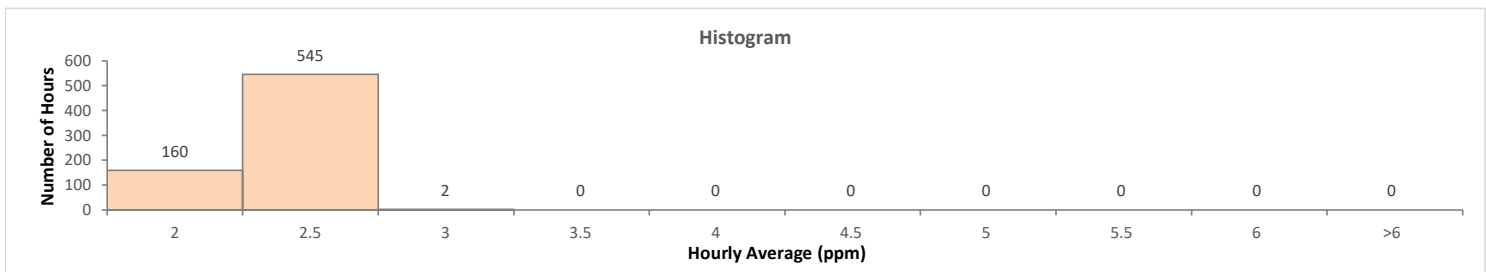
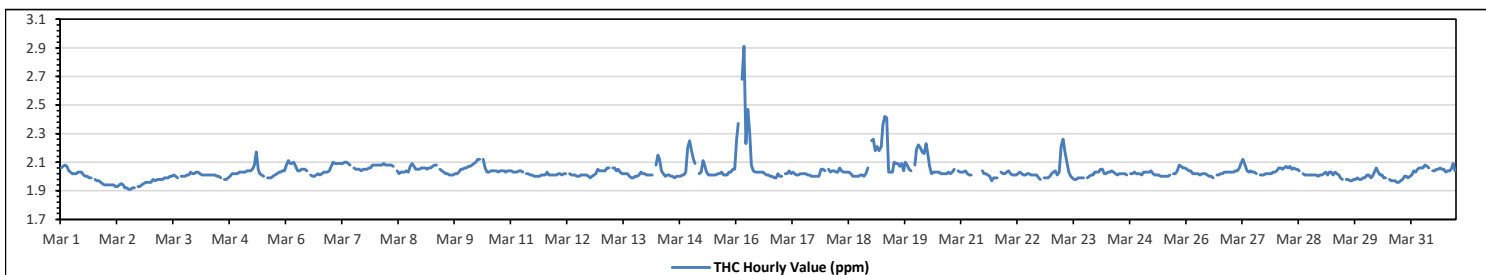
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.91 ppm on Mar 16 at hr 4	Hours in Service:	744
Maximum Daily Value:	2.15 ppm on Mar 16	Hours of Data:	707
Minimum Hourly Value:	1.91 ppm on Mar 2 at hr 12	Hours of Missing Data:	0
Minimum Daily Value:	1.94 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.03 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	
Mar 1	2.06	2.07	2.08	2.07	2.04	2.03	2.02	2.02	2.02	2.03	2.03	2.01	2.01	2.00	2.00	1.99	1.99	S	1.98	1.97	1.97	1.96	1.95	1.94	1.94	2.08	2.01	
Mar 2	1.94	1.94	1.94	1.94	1.94	1.93	1.93	1.94	1.95	1.94	1.92	1.92	1.91	1.91	1.92	1.92	S	1.93	1.93	1.94	1.95	1.96	1.96	1.96	1.91	1.96	1.94	
Mar 3	1.96	1.98	1.97	1.98	1.98	1.98	1.98	1.99	1.99	1.99	2.00	2.00	2.01	2.00	1.99	S	2.00	2.00	2.01	2.01	2.03	2.02	2.02	1.96	2.03	2.00	2.00	
Mar 4	2.03	2.03	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.00	1.99	S	1.98	1.98	1.99	2.00	2.02	2.02	2.02	2.02	2.03	1.98	2.03	2.01	
Mar 5	2.03	2.03	2.03	2.04	2.04	2.04	2.05	2.08	2.17	2.05	2.02	2.01	2.00	S	1.99	1.99	1.99	2.00	2.01	2.02	2.03	2.03	2.04	2.04	1.99	2.17	2.03	
Mar 6	2.08	2.11	2.09	2.09	2.10	2.07	2.04	2.04	2.05	2.05	2.05	2.04	S	2.01	2.00	2.00	2.01	2.02	2.01	2.02	2.03	2.03	2.03	2.04	2.00	2.11	2.04	
Mar 7	2.07	2.10	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.09	2.08	S	2.06	2.05	2.05	2.05	2.04	2.05	2.05	2.05	2.06	2.06	2.08	2.08	2.04	2.10	2.07	
Mar 8	2.08	2.08	2.08	2.08	2.09	2.08	2.08	2.08	2.08	2.07	S	2.04	2.02	2.03	2.03	2.03	2.04	2.03	2.04	2.03	2.07	2.09	2.07	2.05	2.05	2.02	2.09	2.06
Mar 9	2.06	2.06	2.06	2.05	2.06	2.06	2.07	2.08	2.08	S	2.05	2.04	2.03	2.02	2.02	2.01	2.01	2.01	2.02	2.02	2.03	2.05	2.05	2.06	2.01	2.08	2.04	
Mar 10	2.06	2.07	2.07	2.08	2.09	2.10	2.12	2.12	S	2.12	2.06	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.04	2.04	2.04	2.03	2.04	2.04	2.03	2.12	2.06	
Mar 11	2.04	2.03	2.03	2.03	2.04	2.04	2.03	S	2.02	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.03	2.01	2.01	2.01	2.01	2.00	2.04	2.02	
Mar 12	2.01	2.02	2.02	2.01	2.02	2.02	S	2.02	2.01	2.01	2.01	2.00	2.00	2.01	2.01	2.01	2.01	2.00	1.99	2.00	2.01	2.02	2.05	2.04	1.99	2.05	2.01	
Mar 13	2.04	2.04	2.04	2.06	2.06	S	2.06	2.06	2.04	2.05	2.03	2.02	2.02	2.02	2.02	2.00	1.99	1.99	2.00	2.00	2.01	2.03	2.02	2.02	1.99	2.06	2.03	
Mar 14	2.01	2.01	2.01	2.01	S	2.08	2.15	2.12	2.04	2.02	2.00	2.01	2.01	2.00	2.00	1.99	2.00	2.00	2.01	2.01	2.01	2.03	2.20	2.25	1.99	2.25	2.04	
Mar 15	2.18	2.12	2.09	S	2.02	2.03	2.11	2.08	2.03	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.03	2.01	2.01	2.01	2.03	2.03	2.05	2.05	2.01	2.18	2.04	
Mar 16	2.26	2.37	S	2.68	2.91	2.23	2.47	2.30	2.08	2.04	2.03	2.03	2.03	2.03	2.03	2.02	2.01	2.01	2.00	2.00	1.99	1.99	2.02	2.00	1.99	2.91	2.15	
Mar 17	2.00	S	2.02	2.02	2.04	2.02	2.03	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.00	2.05	2.05	2.00	2.05	2.02	
Mar 18	S	2.05	2.03	2.04	2.04	2.03	2.03	2.06	2.04	2.03	2.03	2.03	2.02	2.00	2.00	2.00	2.00	2.01	2.01	2.00	2.02	2.06	S	2.00	2.06	2.03		
Mar 19	2.25	2.26	2.18	2.21	2.18	2.21	2.36	2.42	2.41	2.03	2.03	2.03	2.10	2.09	2.09	2.07	2.09	2.04	2.10	2.08	2.05	2.04	S	2.08	2.03	2.42	2.15	
Mar 20	2.19	2.22	2.20	2.17	2.16	2.21	2.36	2.42	2.41	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.02	2.03	2.02	2.03	2.05	S	2.04	2.03	2.02	2.08	
Mar 21	2.03	2.03	2.04	2.02	2.01	2.01	C	C	C	C	C	2.04	2.02	2.02	2.01	2.00	1.97	1.99	1.99	1.99	S	2.03	2.02	2.02	1.97	2.04	2.01	
Mar 22	2.03	2.04	2.02	2.01	2.01	2.01	2.02	2.03	2.02	2.01	2.01	2.02	2.02	2.01	2.01	2.01	2.01	1.99	1.98	S	1.99	1.99	2.00	1.98	2.04	2.01	2.01	
Mar 23	2.02	2.03	2.04	2.01	2.03	2.21	2.26	2.17	2.10	2.03	2.00	1.99	1.98	1.98	1.99	1.99	1.99	1.99	S	1.99	2.00	2.01	2.01	2.03	1.98	2.26	2.04	
Mar 24	2.03	2.03	2.05	2.05	2.02	2.02	2.03	2.03	2.04	2.03	2.02	2.01	2.02	2.02	2.02	2.02	2.01	S	2.02	2.02	2.03	2.02	2.02	2.02	2.01	2.05	2.03	
Mar 25	2.01	2.03	2.03	2.03	2.03	2.04	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.01	S	2.02	2.02	2.02	2.04	2.08	2.07	2.06	2.06	2.00	2.08	2.03	
Mar 26	2.05	2.04	2.04	2.02	2.02	2.02	2.02	2.01	2.02	2.02	2.02	2.01	2.00	2.00	1.99	S	2.01	2.01	2.02	2.02	2.03	2.03	2.03	1.99	2.05	2.02	2.02	
Mar 27	2.03	2.03	2.04	2.04	2.06	2.09	2.12	2.08	2.04	2.03	2.04	2.03	2.03	2.02	S	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.03	2.03	2.01	2.12	2.04	
Mar 28	2.04	2.06	2.06	2.05	2.06	2.07	2.06	2.07	2.05	2.06	2.05	2.05	2.04	S	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.00	2.07	2.04	
Mar 29	2.01	2.02	2.03	2.01	2.03	2.03	2.01	2.03	2.02	2.01	1.99	1.98	S	1.98	1.98	1.97	1.97	1.98	1.99	1.98	1.98	1.98	1.99	1.99	1.97	2.03	2.00	
Mar 30	2.01	2.01	1.99	2.00	2.03	2.06	2.03	2.01	2.01	1.99	1.99	S	1.98	1.97	1.97	1.97	1.96	1.96	1.97	1.98	2.00	2.00	1.99	2.00	1.96	2.06	1.99	
Mar 31	2.01	2.04	2.03	2.05	2.06	2.06	2.06	2.08	2.07	2.06	S	2.04	2.04	2.05	2.05	2.06	2.05	2.05	2.03	2.04	2.04	2.05	2.09	2.04	2.01	2.09	2.05	
Diurnal Maximum	2.26	2.37	2.20	2.68	2.91	2.23	2.47	2.42	2.41	2.12	2.08	2.05	2.10	2.09	2.09	2.07	2.09	2.05	2.10	2.09	2.08	2.07	2.20	2.25				
Diurnal Average	2.05	2.07	2.05	2.07	2.08	2.06	2.08	2.07	2.05	2.03	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	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.

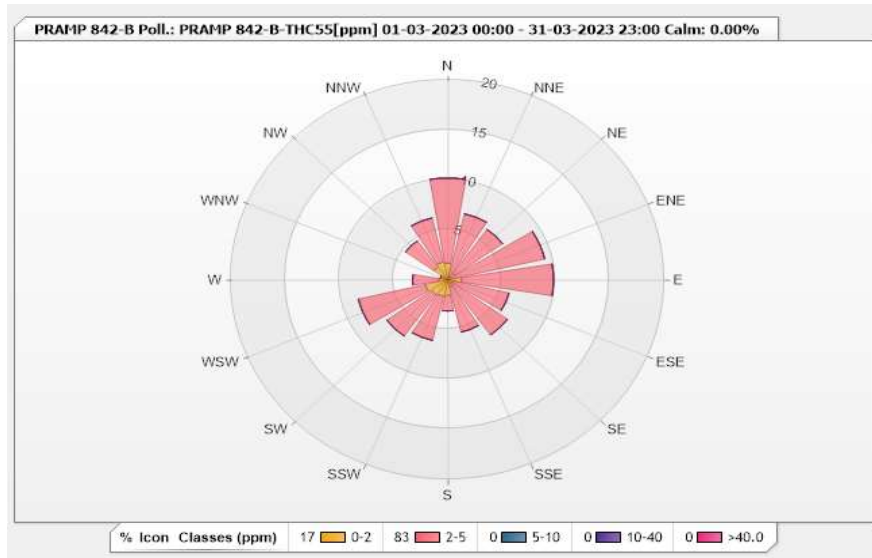


Station: PRAMP 842-B Poll.: PRAMP 842-B-THC55[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	1.7	8.49	0	0	0	10.19
NNE	0.28	6.51	0	0	0	6.79
NE	0.85	5.37	0	0	0	6.22
ENE	0.14	9.05	0	0	0	9.19
E	1.27	8.49	0	0	0	9.76
ESE	0.57	5.23	0	0	0	5.8
SE	0.42	6.36	0	0	0	6.78
SSE	0.71	4.67	0	0	0	5.38
S	1.56	1.56	0	0	0	3.12
SSW	1.7	4.53	0	0	0	6.23
SW	1.84	5.09	0	0	0	6.93
WSW	2.12	6.36	0	0	0	8.48
W	0.85	2.4	0	0	0	3.25
WNW	0	0.71	0	0	0	0.71
NW	1.56	3.25	0	0	0	4.81
NNW	1.84	4.53	0	0	0	6.37
Summary	17.41	82.6	0	0	0	100



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

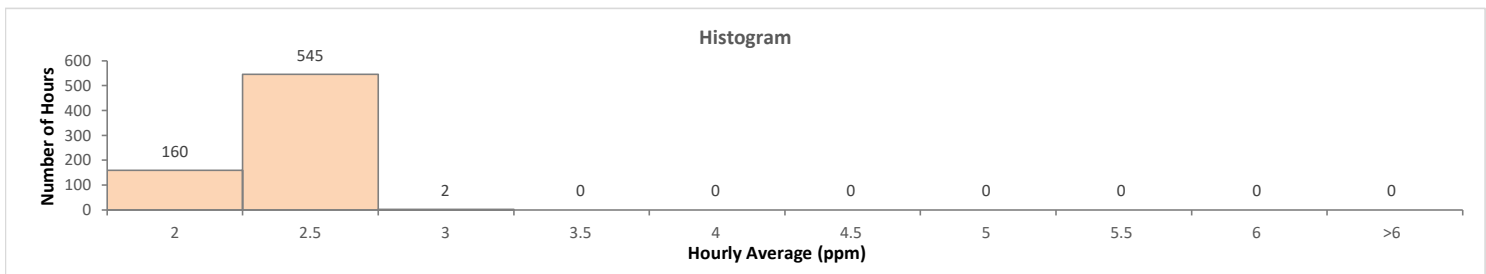
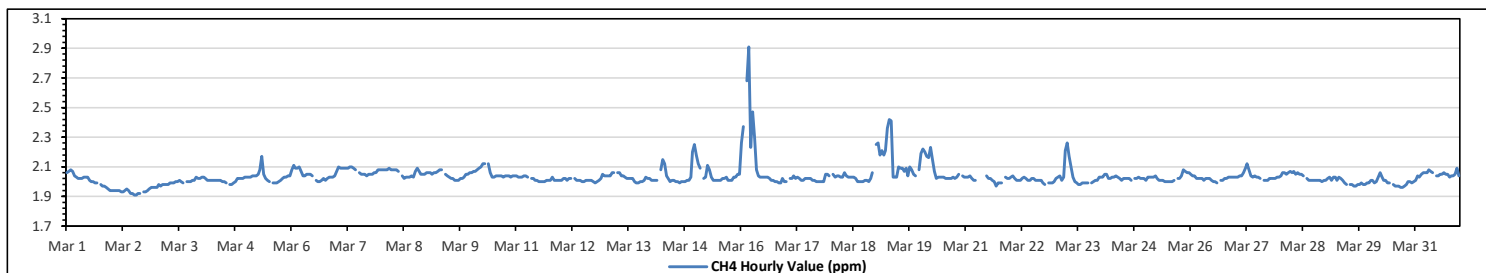
METHANE (CH4) in ppm

Maximum Hourly Value:	2.91 ppm on Mar 16 at hr 4	Hours in Service:	744
Maximum Daily Value:	2.15 ppm on Mar 16	Hours of Data:	707
Minimum Hourly Value:	1.91 ppm on Mar 2 at hr 12	Hours of Missing Data:	0
Minimum Daily Value:	1.94 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.03 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	
Mar 1	2.06	2.07	2.08	2.07	2.04	2.03	2.02	2.02	2.02	2.03	2.03	2.01	2.00	2.00	1.99	1.99	1.99	S	1.98	1.97	1.97	1.96	1.95	1.94	1.94	2.08	2.01	
Mar 2	1.94	1.94	1.94	1.94	1.94	1.93	1.93	1.94	1.95	1.94	1.92	1.92	1.91	1.91	1.92	1.92	S	1.93	1.93	1.94	1.95	1.96	1.96	1.96	1.91	1.96	1.94	
Mar 3	1.96	1.98	1.97	1.98	1.98	1.98	1.98	1.99	1.99	1.99	2.00	2.00	2.01	2.00	1.99	S	2.00	2.00	2.01	2.01	2.03	2.02	2.02	1.96	2.03	2.00	2.00	
Mar 4	2.03	2.03	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.00	1.99	S	1.98	1.98	1.99	2.00	2.02	2.02	2.02	2.02	2.03	1.98	2.03	2.01	
Mar 5	2.03	2.03	2.03	2.04	2.04	2.04	2.05	2.08	2.17	2.05	2.02	2.01	2.00	S	1.99	1.99	1.99	2.00	2.01	2.02	2.03	2.03	2.04	2.04	1.99	2.17	2.03	
Mar 6	2.08	2.11	2.09	2.09	2.10	2.07	2.04	2.04	2.05	2.05	2.05	2.04	S	2.01	2.00	2.00	2.01	2.02	2.01	2.02	2.03	2.03	2.03	2.04	2.00	2.11	2.04	
Mar 7	2.07	2.10	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.09	2.08	S	2.06	2.05	2.05	2.05	2.04	2.05	2.05	2.05	2.06	2.06	2.08	2.08	2.04	2.10	2.07	
Mar 8	2.08	2.08	2.08	2.08	2.09	2.08	2.08	2.08	2.08	2.07	S	2.04	2.02	2.03	2.03	2.03	2.04	2.03	2.04	2.03	2.07	2.09	2.07	2.05	2.05	2.02	2.09	2.06
Mar 9	2.06	2.06	2.06	2.05	2.06	2.06	2.07	2.08	2.08	S	2.05	2.04	2.03	2.02	2.02	2.01	2.01	2.01	2.02	2.02	2.03	2.05	2.05	2.06	2.01	2.08	2.04	
Mar 10	2.06	2.07	2.07	2.08	2.09	2.10	2.12	2.12	S	2.12	2.06	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.04	2.04	2.04	2.03	2.04	2.04	2.03	2.12	2.06	
Mar 11	2.04	2.03	2.03	2.03	2.04	2.04	2.03	S	2.02	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.03	2.01	2.01	2.01	2.01	2.00	2.04	2.02	
Mar 12	2.01	2.02	2.02	2.01	2.02	2.02	S	2.02	2.01	2.01	2.01	2.00	2.00	2.01	2.01	2.01	2.01	2.00	1.99	2.00	2.01	2.02	2.05	2.04	1.99	2.05	2.01	
Mar 13	2.04	2.04	2.04	2.06	2.06	S	2.06	2.06	2.04	2.04	2.03	2.02	2.02	2.02	2.02	2.00	1.99	1.99	2.00	2.00	2.01	2.02	2.02	2.02	1.99	2.06	2.03	
Mar 14	2.01	2.01	2.01	2.01	S	2.08	2.15	2.12	2.04	2.02	2.00	2.01	2.01	2.00	2.00	1.99	2.00	2.00	2.01	2.01	2.01	2.03	2.20	2.25	1.99	2.25	2.04	
Mar 15	2.18	2.12	2.09	S	2.02	2.03	2.11	2.08	2.03	2.01	2.01	2.01	2.01	2.02	2.02	2.03	2.01	2.01	2.01	2.03	2.03	2.05	2.05	2.01	2.18	2.04		
Mar 16	2.26	2.37	S	2.68	2.91	2.23	2.47	2.30	2.08	2.04	2.03	2.03	2.03	2.03	2.03	2.02	2.01	2.01	2.00	2.00	1.99	1.99	2.02	2.00	1.99	2.91	2.15	
Mar 17	2.00	S	2.02	2.02	2.04	2.02	2.03	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.00	2.00	2.05	2.05	2.00	2.05	2.02	
Mar 18	S	2.05	2.03	2.04	2.04	2.03	2.03	2.06	2.04	2.03	2.03	2.03	2.02	2.00	2.00	2.00	2.00	2.01	2.01	2.00	2.02	2.06	S	2.00	2.06	2.03		
Mar 19	2.25	2.26	2.18	2.21	2.18	2.21	2.36	2.42	2.41	2.03	2.03	2.03	2.10	2.09	2.09	2.07	2.09	2.04	2.10	2.08	2.05	2.04	S	2.08	2.03	2.42	2.15	
Mar 20	2.19	2.22	2.20	2.17	2.16	2.23	2.15	2.07	2.02	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.02	2.03	2.02	2.03	2.05	S	2.04	2.08	2.02	2.23	2.08
Mar 21	2.03	2.03	2.04	2.02	2.01	2.01	C	C	C	C	C	C	2.04	2.02	2.02	2.01	2.00	1.97	1.99	1.99	1.99	S	2.03	2.02	2.02	1.97	2.04	2.01
Mar 22	2.03	2.04	2.02	2.01	2.01	2.01	2.02	2.03	2.02	2.01	2.01	2.02	2.02	2.01	2.01	2.01	2.01	1.99	1.98	S	1.99	1.99	1.99	2.00	1.98	2.04	2.01	
Mar 23	2.02	2.03	2.04	2.01	2.03	2.21	2.26	2.17	2.10	2.03	2.00	1.99	1.98	1.98	1.99	1.99	1.99	1.99	S	1.99	1.99	2.00	2.01	2.01	1.98	2.26	2.04	
Mar 24	2.03	2.03	2.05	2.05	2.02	2.02	2.03	2.03	2.04	2.03	2.02	2.01	2.02	2.02	2.02	2.02	2.01	S	2.02	2.02	2.03	2.02	2.02	2.02	2.01	2.05	2.03	
Mar 25	2.01	2.03	2.03	2.03	2.03	2.04	2.02	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.01	S	2.02	2.02	2.02	2.04	2.08	2.07	2.06	2.06	2.00	2.08	2.03	
Mar 26	2.05	2.04	2.04	2.02	2.02	2.02	2.02	2.01	2.02	2.02	2.02	2.01	2.00	2.00	1.99	S	2.01	2.01	2.02	2.02	2.03	2.03	2.03	1.99	2.05	2.02	2.02	
Mar 27	2.03	2.03	2.04	2.04	2.06	2.09	2.12	2.08	2.04	2.03	2.04	2.03	2.03	2.03	2.02	S	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.03	2.01	2.12	2.04	
Mar 28	2.04	2.06	2.06	2.05	2.06	2.07	2.06	2.07	2.05	2.06	2.05	2.05	2.04	S	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.00	2.07	2.04	
Mar 29	2.01	2.02	2.03	2.01	2.03	2.03	2.01	2.03	2.02	2.01	1.99	1.98	S	1.98	1.98	1.97	1.97	1.98	1.99	1.98	1.98	1.98	1.99	1.99	1.97	2.03	2.00	
Mar 30	2.01	2.01	1.99	2.00	2.03	2.06	2.03	2.01	2.01	1.99	1.99	S	1.98	1.97	1.97	1.97	1.96	1.96	1.97	1.98	2.00	2.00	1.99	2.00	1.96	2.06	1.99	
Mar 31	2.01	2.04	2.03	2.05	2.06	2.06	2.06	2.08	2.07	2.06	S	2.04	2.04	2.05	2.05	2.06	2.05	2.05	2.03	2.04	2.04	2.05	2.09	2.04	2.01	2.09	2.05	
Diurnal Maximum	2.26	2.37	2.20	2.68	2.91	2.23	2.47	2.42	2.41	2.12	2.08	2.05	2.10	2.09	2.09	2.07	2.09	2.05	2.10	2.09	2.08	2.07	2.20	2.25				
Diurnal Average	2.05	2.07	2.05	2.07	2.08	2.06	2.08	2.07	2.05	2.03	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	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
X	InValid Data (Equipment Malfunction/Recovery)	NRM	UnitMaint (Repeat Calibration/ Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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

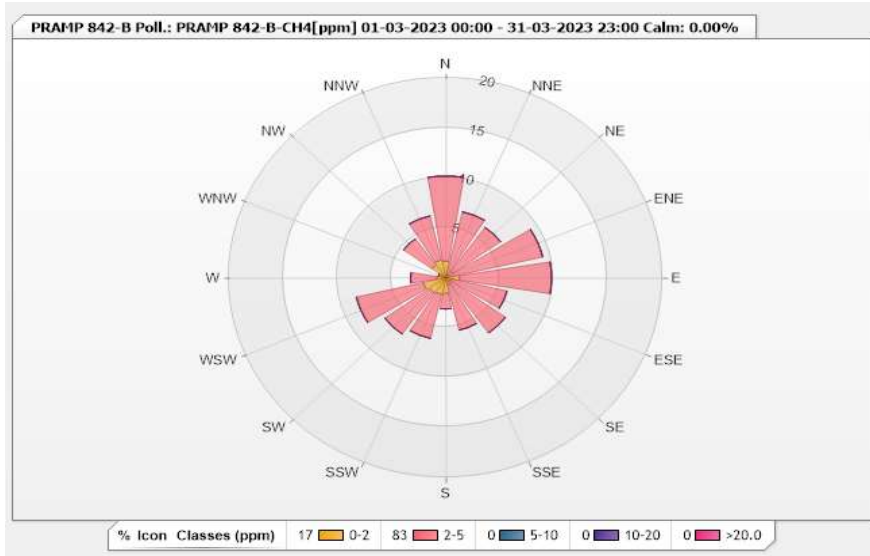


Station: PRAMP 842-B Poll.: PRAMP 842-B-CH4[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	1.7	8.49	0	0	0	10.19
NNE	0.28	6.51	0	0	0	6.79
NE	0.85	5.37	0	0	0	6.22
ENE	0.14	9.05	0	0	0	9.19
E	1.27	8.49	0	0	0	9.76
ESE	0.57	5.23	0	0	0	5.8
SE	0.42	6.36	0	0	0	6.78
SSE	0.71	4.67	0	0	0	5.38
S	1.56	1.56	0	0	0	3.12
SSW	1.7	4.53	0	0	0	6.23
SW	1.84	5.09	0	0	0	6.93
WSW	2.12	6.36	0	0	0	8.48
W	0.85	2.4	0	0	0	3.25
WNW	0	0.71	0	0	0	0.71
NW	1.56	3.25	0	0	0	4.81
NNW	1.84	4.53	0	0	0	6.37
Summary	17.41	82.6	0	0	0	100

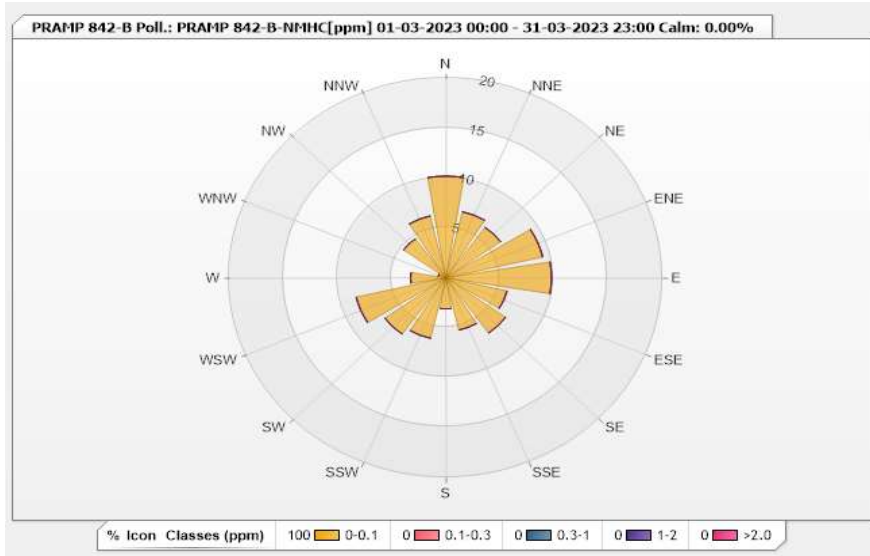


Station: PRAMP 842-B Poll.: PRAMP 842-B-NMHC[ppm] Monthly: 03-2023

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

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

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	10.18	0	0	0	0	10.18
NNE	6.79	0	0	0	0	6.79
NE	6.22	0	0	0	0	6.22
ENE	9.19	0	0	0	0	9.19
E	9.76	0	0	0	0	9.76
ESE	5.8	0	0	0	0	5.8
SE	6.79	0	0	0	0	6.79
SSE	5.37	0	0	0	0	5.37
S	3.11	0	0	0	0	3.11
SSW	6.22	0	0	0	0	6.22
SW	6.93	0	0	0	0	6.93
WSW	8.49	0	0	0	0	8.49
W	3.25	0	0	0	0	3.25
WNW	0.71	0	0	0	0	0.71
NW	4.81	0	0	0	0	4.81
NNW	6.36	0	0	0	0	6.36
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

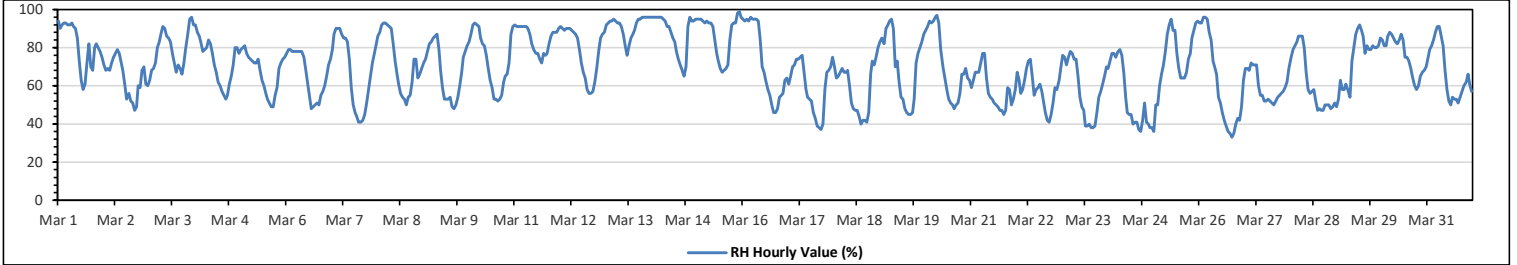
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	99	%	on Mar 15 at hr 22	Hours in Service:	744
Maximum Daily Value:	91.2	%	on Mar 13	Hours of Data:	744
Minimum Hourly Value:	33	%	on Mar 26 at hr 17	Hours of Missing Data:	0
Minimum Daily Value:	54.4	%	on Mar 24	Hours of Calibration:	0
Monthly Average:	70.2	%		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
Mar 1	94	90	92	93	93	92	92	93	91	90	85	73	63	58	61	72	82	70	68	80	82	80	78	75	58	94	81.1
Mar 2	71	68	69	68	72	75	77	79	77	73	68	61	53	56	52	51	47	49	60	59	68	70	61	60	47	79	64.3
Mar 3	63	68	69	72	80	83	87	91	90	86	85	83	77	72	67	71	69	66	72	79	87	95	96	92	63	96	79.2
Mar 4	92	88	86	82	78	79	80	84	82	77	71	67	62	60	57	55	53	55	61	65	71	80	80	77	53	92	72.6
Mar 5	79	80	81	77	75	74	73	72	72	74	68	63	60	56	53	51	49	49	55	59	69	72	74	75	49	81	67.1
Mar 6	77	79	79	78	78	78	78	78	78	75	68	61	55	48	49	50	51	50	55	57	60	65	71	74	48	79	66.3
Mar 7	79	87	90	90	90	87	85	85	83	74	59	50	46	44	41	42	45	51	58	65	72	76	81	41	90	67.5	
Mar 8	86	88	92	93	93	92	91	90	82	73	66	61	56	54	53	50	54	55	62	74	74	64	66	69	50	93	72.4
Mar 9	72	74	78	82	83	85	86	87	79	68	59	53	53	53	54	49	48	50	54	60	67	75	78	81	48	87	67.8
Mar 10	83	87	92	93	92	91	85	82	81	76	69	63	59	53	53	52	53	55	62	65	66	72	87	91	52	93	73.4
Mar 11	92	91	91	91	91	91	90	87	82	79	77	77	74	72	77	76	77	82	86	88	88	88	90	72	92	84.5	
Mar 12	91	90	89	90	90	90	89	88	87	85	79	72	67	64	58	56	56	57	62	69	78	85	87	88	56	91	77.8
Mar 13	92	93	94	94	95	94	93	93	91	87	81	76	81	76	81	85	87	89	93	95	95	96	96	96	76	96	91.2
Mar 14	96	96	96	96	96	96	95	94	91	91	88	85	83	78	74	71	68	65	70	91	96	94	94	95	65	96	87.5
Mar 15	95	95	95	94	93	94	93	93	91	84	77	73	69	67	68	69	71	84	92	93	93	98	99	96	67	99	86.5
Mar 16	95	94	95	94	96	95	95	95	94	84	70	67	63	58	55	50	46	46	48	54	55	56	63	64	46	96	72.2
Mar 17	61	65	70	71	74	74	75	76	67	58	54	53	52	46	43	39	38	37	40	58	67	68	70	75	37	76	59.6
Mar 18	70	64	65	67	69	67	67	68	60	51	48	47	47	44	40	42	42	41	46	66	73	71	75	80	40	80	58.8
Mar 19	83	85	82	90	92	94	95	90	70	73	62	54	53	48	46	45	45	46	53	72	77	80	83	87	45	95	71.0
Mar 20	89	91	94	93	94	96	97	93	79	70	64	58	53	51	50	48	50	51	56	66	66	69	64	63	48	97	71.0
Mar 21	59	63	67	67	67	72	77	77	64	56	54	53	51	50	49	47	47	45	47	59	58	50	53	58	45	77	57.9
Mar 22	67	63	56	58	63	69	73	74	65	55	58	59	61	57	52	46	42	41	45	51	59	58	63	69	41	74	58.5
Mar 23	76	75	71	75	78	77	74	74	65	54	49	47	39	39	40	38	38	39	46	54	57	61	65	70	38	78	58.4
Mar 24	69	73	77	77	75	78	79	76	67	54	46	45	45	40	41	41	37	36	42	51	41	40	38	38	36	79	54.4
Mar 25	36	50	50	60	66	71	78	87	92	95	89	89	77	69	64	64	64	67	74	77	85	89	93	94	36	95	74.2
Mar 26	93	93	96	96	95	88	84	73	70	66	54	51	46	42	39	36	35	33	35	40	43	42	49	63	33	96	60.9
Mar 27	69	69	68	72	71	71	71	60	55	55	52	52	53	52	51	50	52	54	55	56	57	59	62	69	50	72	59.8
Mar 28	75	79	81	83	86	86	86	80	67	58	56	57	58	52	47	48	47	47	50	50	50	48	49	51	47	86	62.1
Mar 29	49	53	63	58	58	61	58	54	73	80	87	90	92	89	86	77	81	79	79	81	80	80	81	85	49	92	73.9
Mar 30	84	81	81	86	88	87	85	83	82	84	87	84	75	75	73	69	64	60	58	60	65	67	68	70	58	88	75.7
Mar 31	74	79	81	84	88	91	91	86	81	68	58	52	50	54	53	53	51	54	57	60	62	66	61	57	50	91	67.1
Diurnal Maximum	96	96	96	96	96	96	97	95	94	95	89	90	92	89	87	89	93	95	95	96	96	98	99	96			
Diurnal Average	77.8	79.1	80.3	81.4	82.5	83.2	83.2	82.1	77.8	72.8	67.4	63.7	60.5	57.7	55.7	54.7	54.5	54.8	59.1	66.0	69.5	71.3	73.2	75.3			

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

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



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

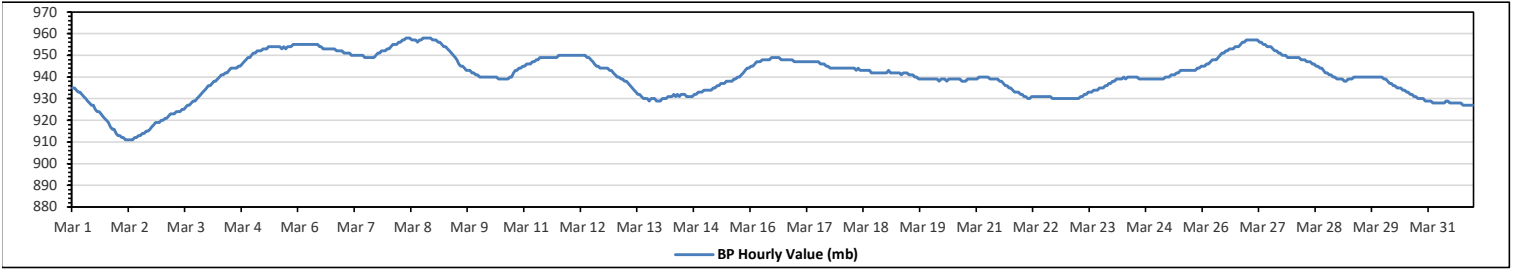
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	958	mb	on Mar 8 at hr 9	Hours in Service:	744
Maximum Daily Value:	957	mb	on Mar 8	Hours of Data:	744
Minimum Hourly Value:	911	mb	on Mar 2 at hr 4	Hours of Missing Data:	0
Minimum Daily Value:	914	mb	on Mar 2	Hours of Calibration:	0
Monthly Average:	941	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
Mar 1	935	935	934	933	933	932	931	930	929	928	927	927	925	924	924	923	922	921	920	919	917	916	916	914	914	935	926
Mar 2	913	913	912	912	911	911	911	911	911	912	912	913	913	914	914	915	915	916	917	918	919	919	919	920	911	920	914
Mar 3	920	921	921	922	923	923	923	924	924	924	925	925	926	927	927	928	929	929	930	931	932	933	934	935	920	935	927
Mar 4	936	936	937	938	938	939	940	941	941	942	942	943	944	944	944	944	945	945	946	947	948	949	949	950	936	950	943
Mar 5	951	951	952	952	952	953	953	953	954	954	954	954	954	954	954	953	953	954	953	954	954	955	955	955	951	955	953
Mar 6	955	955	955	955	955	955	955	955	955	955	955	955	954	954	953	953	953	953	953	953	952	952	952	952	952	955	954
Mar 7	951	951	951	951	950	950	950	950	950	950	950	949	949	949	949	949	949	950	951	951	952	952	952	953	949	953	950
Mar 8	953	954	955	955	955	956	956	957	957	958	958	958	957	957	957	956	957	957	958	958	958	958	958	957	953	958	957
Mar 9	957	957	956	956	955	954	954	953	952	951	950	949	948	946	945	945	944	943	943	943	942	942	941	941	941	957	949
Mar 10	940	940	940	940	940	940	940	940	940	939	939	939	939	939	939	939	940	940	942	943	943	944	944	945	939	945	941
Mar 11	945	946	946	946	947	947	948	948	949	949	949	949	949	949	949	949	949	950	950	950	950	950	950	945	950	948	
Mar 12	950	950	950	950	950	950	950	950	949	949	948	947	946	945	945	944	944	944	944	944	943	943	942	942	942	950	947
Mar 13	941	940	940	939	939	938	938	937	936	935	934	933	932	932	931	930	930	930	929	930	930	929	929	929	929	941	934
Mar 14	929	930	930	930	931	931	931	932	931	932	931	932	932	932	931	931	931	931	932	932	933	933	933	934	929	934	931
Mar 15	934	934	934	934	935	935	936	936	937	937	937	938	938	938	938	939	939	940	940	941	942	943	944	944	934	944	938
Mar 16	945	945	946	947	947	947	948	948	948	948	948	949	949	949	949	949	948	948	948	948	948	948	948	947	945	949	948
Mar 17	947	947	947	947	947	947	947	947	947	947	947	947	947	946	946	946	945	945	944	944	944	944	944	944	944	947	946
Mar 18	944	944	944	944	944	944	944	944	943	944	943	943	943	943	943	943	942	942	942	942	942	942	942	942	942	944	943
Mar 19	942	943	942	942	942	942	942	941	942	942	942	941	941	941	940	940	939	939	939	939	939	939	939	939	939	943	941
Mar 20	939	939	939	939	938	939	939	939	938	939	939	939	939	939	939	939	938	938	938	938	939	939	939	939	938	939	937
Mar 21	939	940	940	940	940	940	939	939	939	939	939	938	938	937	936	936	935	935	934	933	933	933	932	932	940	937	
Mar 22	932	931	931	930	930	931	931	931	931	931	931	931	931	931	931	931	930	930	930	930	930	930	930	930	930	932	931
Mar 23	930	930	930	930	930	930	930	931	931	932	932	933	933	933	934	934	935	935	935	936	936	937	937	937	930	937	933
Mar 24	938	938	939	939	939	939	940	940	940	940	940	940	940	939	939	939	939	939	939	939	939	939	939	939	938	940	939
Mar 25	939	939	939	939	940	940	940	941	941	941	942	942	943	943	943	943	943	943	943	943	943	944	944	945	939	945	942
Mar 26	945	945	946	946	947	948	948	948	949	950	951	951	952	952	953	953	953	954	954	955	955	956	956	957	945	957	951
Mar 27	957	957	957	957	957	957	956	956	955	955	954	954	954	953	952	952	951	951	950	950	949	949	949	949	949	957	953
Mar 28	949	949	949	949	948	948	948	947	947	947	946	946	945	945	944	944	943	942	942	941	941	940	940	939	939	949	945
Mar 29	939	939	939	938	938	939	939	939	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	938	940	940
Mar 30	939	939	938	937	937	936	936	935	935	935	934	934	933	933	932	932	931	931	930	930	930	929	929	929	929	939	934
Mar 31	929	929	928	928	928	928	928	928	928	929	929	928	928	928	928	928	928	928	927	927	927	927	927	927	927	929	928
Diurnal Maximum	957	957	957	957	957	956	957	957	958	958	958	957	957	957	956	957	957	958	958	958	958	958	957				
Diurnal Average	941	941	941	941	941	941	941	941	941	941	941	941	941	940	940	940	940	940	940	940	940	940	941				

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

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



Peace River Area Monitoring Program

842-B Station - March 2023

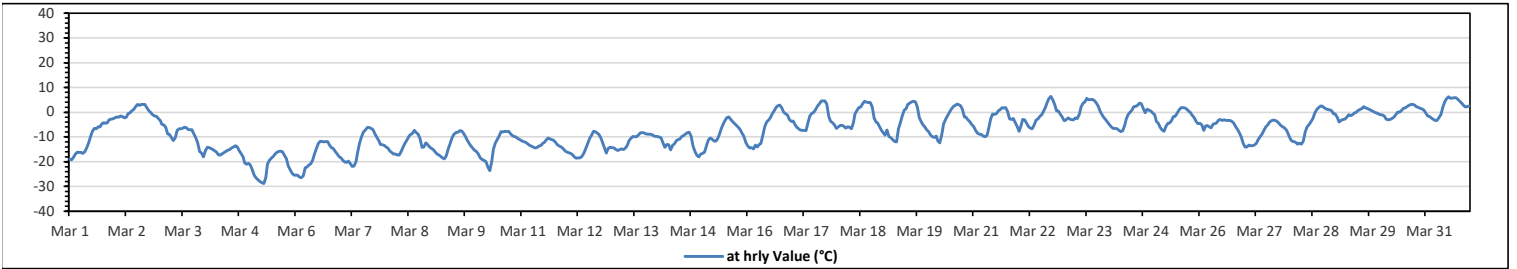
Summary of Hourly Averages

AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	6.3 °C	on Mar 22 at hr 17	Hours in Service:	744
Maximum Daily Value:	1.9 °C	on Mar 31	Hours of Data:	744
Minimum Hourly Value:	-28.8 °C	on Mar 5 at hr 7	Hours of Missing Data:	0
Minimum Daily Value:	-21.9 °C	on Mar 5	Hours of Calibration:	0
Monthly Average:	-7.4 °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																				
Mar 1	-19	-19.3	-18.2	-16.9	-16.1	-16.2	-16.2	-16.7	-16	-14.5	-12.6	-10	-7.7	-6.5	-6.6	-6	-6	-4.7	-4.2	-4.4	-4.2	-3.1	-2.8	-2.7	-19.3	-2.7	-10.4																				
Mar 2	-2.2	-1.9	-2	-1.5	-1.8	-2.2	-2	-0.5	-0.2	0.5	1	2.3	3.1	2.7	3.1	3.1	3.1	1.8	0.7	0	-1	-1.5	-1.7	-2.5	-2.5	3.1	0.0																				
Mar 3	-3.3	-4.9	-5.2	-6.1	-8.7	-9	-10.3	-11.4	-10.4	-7.3	-6.6	-6.6	-6.4	-6.1	-6.3	-7.1	-7.1	-8.7	-10.4	-12.4	-15.8	-16.5	-18	-18.0	-3.3	-8.8																					
Mar 4	-15.6	-14.2	-14.3	-14.7	-15.1	-15.6	-16.1	-17.3	-17.2	-16.8	-16.2	-15.8	-15.3	-15.1	-14.5	-14	-13.5	-14.1	-15.6	-16.8	-18.1	-20.5	-21.1	-20.7	-21.1	-13.5	-16.2																				
Mar 5	-21.5	-23.4	-25.6	-26.6	-27.4	-28	-28.5	-28.8	-26.3	-21	-19.4	-18.6	-17.9	-17.1	-16.3	-15.9	-15.7	-16	-17.4	-18.7	-21.7	-23.3	-24.7	-25.5	-28.8	-15.7	-21.9																				
Mar 6	-25.4	-25.4	-26.1	-26.5	-25.7	-22.4	-22.1	-21.4	-20.9	-19.4	-17	-14.7	-12.7	-11.7	-11.8	-12	-11.8	-11.9	-13.3	-14.3	-14.8	-15.8	-17	-17.9	-26.5	-11.7	-18.0																				
Mar 7	-18.4	-19.5	-20.1	-20.3	-19.7	-20.8	-21.9	-21.7	-19.9	-16.1	-12.5	-9.9	-8	-7.2	-6.2	-6.2	-6.5	-7	-8.7	-10.2	-11.4	-13	-13.1	-13.4	-21.9	-6.2	-13.8																				
Mar 8	-14.1	-14.6	-15.6	-16.3	-16.9	-16.9	-17.2	-17.3	-15.9	-14	-12.5	-11.2	-9.8	-9	-8.6	-7.3	-8.3	-8.8	-10.7	-14.2	-14.1	-12.4	-13.1	-14	-17.3	-7.3	-13.0																				
Mar 9	-14.6	-15.1	-16	-16.9	-17.2	-17.8	-18.5	-18.9	-17.5	-14.9	-12.7	-10.4	-8.9	-8.3	-8.2	-7.5	-7.6	-8.4	-9.6	-11.2	-12.6	-13.6	-14.5	-15.3	-18.9	-7.5	-13.2																				
Mar 10	-15.8	-16.9	-18.5	-19.1	-19.5	-20	-22.2	-23.6	-19.9	-15	-12.6	-11	-9.7	-7.9	-8	-7.8	-7.9	-7.7	-8.7	-9.5	-9.8	-10.1	-10.7	-11.1	-23.6	-7.7	-13.5																				
Mar 11	-11.6	-11.8	-12.2	-12.7	-13.2	-13.6	-14	-14.4	-14.3	-13.7	-13.5	-12.7	-12.1	-11.2	-10.5	-10.8	-11	-11.3	-12.2	-13.1	-13.7	-14.1	-14.7	-15.6	-15.6	-10.5	-12.8																				
Mar 12	-16.1	-16.4	-16.6	-17.2	-18.2	-18.6	-18.5	-18.4	-17.8	-16.5	-14.6	-12.7	-10.6	-9.2	-7.7	-7.9	-8.4	-9	-10.5	-12.5	-14.7	-16.5	-14.6	-14.2	-18.6	-7.7	-14.1																				
Mar 13	-9.3	-14.4	-15	-15.4	-15	-14.9	-15.1	-14.4	-13.2	-11.5	-10.6	-9.8	-10	-9.9	-9.2	-8.4	-8.3	-8.4	-8.7	-8.8	-8.9	-9	-9.5	-9.8	-15.4	-8.3	-11.4																				
Mar 14	-9.8	-10.1	-10.4	-12.4	-14.2	-13	-13.1	-15.2	-13.4	-12.8	-11.5	-11.1	-10.8	-9.8	-9.4	-8.7	-8.3	-8.2	-9.6	-13.7	-15.9	-17.4	-18.1	-17	-18.1	-8.2	-12.2																				
Mar 15	-16.7	-16.1	-13.5	-11.2	-10.5	-10.8	-11.6	-11.7	-10.9	-9.1	-6.7	-4.9	-3.4	-2.1	-1.9	-3	-3.9	-4.6	-5.4	-6.2	-7.2	-8.5	-9.8	-12.3	-16.7	-1.9	-8.4																				
Mar 16	-13.7	-14.5	-14.3	-14.9	-13.3	-14	-13.1	-12.7	-9.4	-5.9	-4	-3.2	-2.1	-0.8	0.4	1.8	2.6	2.8	1.8	0.1	-0.6	-1.2	-3	-3.7	-14.9	2.8	-5.6																				
Mar 17	-3.6	-4.8	-6.1	-6.6	-7.2	-7.3	-7.4	-7.5	-4.3	-1.6	-0.5	0	1.1	2.5	3.4	4.6	4.6	4.6	4.6	3.2	-1.7	-3.7	-4.2	-5.2	-6.5	-7.5	4.6	-2.3																			
Mar 18	-6	-5.4	-5.3	-5.7	-6.4	-5.9	-6.1	-6.7	-4.3	-0.8	0.6	1.8	2.1	3.4	4.4	4.1	3.9	3.9	2.1	-2.4	-4	-4.3	-5.9	-7.3	-7.3	4.4	-2.1																				
Mar 19	-8.3	-9.2	-7.2	-9.8	-10.4	-11.1	-11.8	-12	-6.7	-4.2	-1.4	0.8	1.5	3.1	3.7	4.2	4.4	4.2	2.1	-2.1	-3.9	-5	-6	-7	-12.0	4.4	-3.8																				
Mar 20	-7.9	-9.1	-9.9	-10.2	-9.7	-11.6	-12.4	-9.2	-4.7	-3	-1.6	-0.1	1.2	2.3	2.7	3.3	3	2.6	1	-1.9	-2	-3.1	-3.9	-5	-12.4	3.3	-3.7																				
Mar 21	-5.8	-7.3	-8.5	-8.9	-9	-9.6	-10	-9.3	-6	-2.8	-0.7	-0.9	0.6	0.5	1.1	1.8	1.7	1.9	0.3	-2.7	-3	-2.6	-4.2	-5.8	-10.0	1.9	-3.8																				
Mar 22	-7.7	-6	-3	-3.1	-4.3	-5.8	-6.4	-6.7	-5.1	-3.2	-2.7	-1.7	-1	0.3	1.9	4	5.5	6.3	5.1	3.1	0.5	0.4	-0.9	-2	-7.7	6.3	-1.4																				
Mar 23	-3.5	-3.1	-2.2	-2.8	-3.1	-3.1	-2.3	-2.5	-0.9	2.2	3.6	4.2	5.6	5.1	5.1	5.2	4.7	3.8	2.5	0.4	-1	-2	-3	-4	-4.0	5.6	0.4																				
Mar 24	-5	-6	-6.5	-6.5	-6.6	-7.4	-7.9	-7.5	-5.3	-2.7	-0.9	0.1	0.7	2.3	2.4	2.7	3.6	3.4	1.5	-0.2	1.2	0.8	0.4	-0.3	-7.9	3.6	-1.8																				
Mar 25	-1.1	-3.7	-4.5	-6.2	-7.2	-7.8	-5.7	-4.4	-4.3	-3.5	-1.8	-1.7	-0.4	0.9	1.9	1.8	1.7	1.3	0.5	0	-1.3	-2.1	-3.8	-4.6	-7.8	1.9	-2.3																				
Mar 26	-4.4	-5.2	-7.4	-5.6	-5.4	-5.9	-6.3	-4.9	-4.6	-4.3	-3.2	-3	-3.3	-3.1	-3.3	-3.3	-3.7	-4.5	-5.9	-7.1	-8.3	-9.9	-12.6	-12.6	-3.0	-5.4																					
Mar 27	-14	-14	-13.2	-13.5	-13.5	-13.2	-12.7	-11.1	-10	-8.8	-7.4	-6	-5.2	-4.1	-3.5	-3.2	-3.3	-3.7	-4.5	-5.4	-6	-6.4	-7.3	-9.1	-14.0	-3.2	-8.3																				
Mar 28	-10.9	-11.7	-11.8	-12.3	-12.9	-12.6	-12.9	-11.7	-8	-6	-5	-3.9	-2.6	-0.3	1	1.8	2.5	2.5	1.8	1.3	1	0.9	0.5	-0.6	-12.9	2.5	-4.6																				
Mar 29	-0.7	-2	-4	-3.4	-3	-2.8	-2	-1	-1.4	-1.1	-0.4	0	0.7	1.1	1.4	2.3	1.7	1.5	1.1	0.7	0.3	-0.1	-0.3	-0.8	-4.0	2.3	-0.5																				
Mar 30	-1	-1.2	-1.5	-2.8	-3.1	-3	-2.6	-2	-1	0.1	0.7	1.6	1.7	2.2	2.7	3.1	3.1	2.8	2.3	2	1.6	1.3	0.8	-3.1	3.1	0.3																					
Mar 31	-0.4	-1.5	-1.8	-2.4	-3	-3.3	-3.3	-2.1	-1	2	4.2	5.5	6.2	5.6	5.7	5.8	5.8	5.2	4.5	3.7	2.8	2.1	2.2	2.5	-3.3	6.2	1.9																				
Diurnal Maximum	-0.4	-1.2	-1.5	-1.5	-1.8	-2.2	-2.0	-0.5	-0.2	2.2	4.2	5.5	6.2	5.6	5.7	5.8	5.8	6.3	5.1	3.7	2.8	2.1	2.2	2.5																							
Diurnal Average	-10.1	-10.6	-10.9	-11.2	-11.5	-11.7	-11.9	-11.7	-10.0	-7.9	-6.4	-5.3	-4.3	-3.5	-3.0	-2.6	-2.5	-2.8	-3.9	-5.6	-6.6	-7.4	-8.1	-8.9																							
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

842-B Station - March 2023

Summary of Hourly Averages

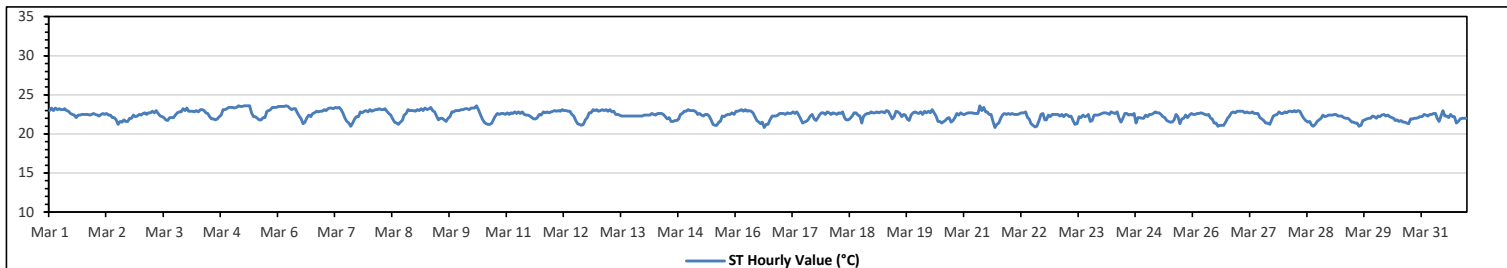
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	23.6	°C	on Mar 5 at hr 3	Hours in Service:	744
Maximum Daily Value:	23.0	°C	on Mar 5	Hours of Data:	744
Minimum Hourly Value:	20.8	°C	on Mar 16 at hr 15	Hours of Missing Data:	0
Minimum Daily Value:	21.9	°C	on Mar 29	Hours of Calibration:	0
Monthly Average:	22.4	°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
Mar 1	23.0	23.3	23.0	23.3	23.1	23.2	23.1	23.1	23.2	23.0	22.9	22.6	22.5	22.4	22.1	22.4	22.4	22.5	22.5	22.5	22.4	22.5	22.6	22.1	23.3	22.8	
Mar 2	22.5	22.4	22.3	22.5	22.6	22.5	22.6	22.4	22.4	22.1	22.1	21.8	21.2	21.6	21.5	21.8	21.6	21.6	22.0	22.0	22.4	22.2	22.3	22.5	21.2	22.6	22.1
Mar 3	22.4	22.6	22.7	22.5	22.7	22.7	22.9	22.7	23.0	22.6	22.3	22.2	22.1	21.8	21.7	22.1	22.1	22.1	22.4	22.7	22.8	22.8	23.2	23.0	21.7	23.2	22.5
Mar 4	23.3	22.9	22.9	22.9	22.8	23.0	22.8	23.1	23.1	23.0	22.7	22.6	22.2	21.9	21.9	21.8	21.9	22.2	22.4	23.1	23.1	23.2	23.4	23.4	21.8	23.4	22.7
Mar 5	23.4	23.3	23.4	23.6	23.5	23.5	23.6	23.6	23.6	23.6	22.7	22.2	22.2	22.0	21.8	21.8	22.1	22.1	22.9	23.0	23.1	23.4	23.4	23.4	21.8	23.6	23.0
Mar 6	23.5	23.5	23.5	23.5	23.6	23.5	23.3	23.1	23.2	23.2	22.7	22.3	21.9	21.3	21.5	22.1	22.4	22.2	22.6	22.7	22.9	22.8	22.9	22.9	21.3	23.6	22.8
Mar 7	23.1	23.0	23.2	23.3	23.3	23.2	23.4	23.3	23.4	23.1	22.6	22.0	21.6	21.4	21.0	21.4	21.9	22.2	22.2	22.8	22.7	22.9	23.0	22.8	21.0	23.4	22.6
Mar 8	23.1	22.9	23.0	23.1	23.1	23.2	23.1	23.1	23.2	22.9	22.6	22.4	21.9	21.5	21.4	21.2	21.5	21.7	22.4	22.6	23.1	23.0	23.0	23.0	21.2	23.2	22.6
Mar 9	22.9	23.1	23.0	23.2	23.0	23.3	23.1	23.2	23.4	23.0	22.8	22.3	21.8	22.0	22.0	21.8	21.6	22.0	22.2	22.8	22.8	23.0	23.0	23.0	21.6	23.4	22.7
Mar 10	23.1	23.1	23.2	23.2	23.1	23.3	23.3	23.3	23.6	23.1	22.5	21.9	21.5	21.3	21.2	21.2	21.4	21.9	22.3	22.6	22.5	22.6	22.6	22.5	21.2	23.6	22.5
Mar 11	22.7	22.5	22.7	22.6	22.8	22.6	22.8	22.6	22.8	22.5	22.4	22.4	22.3	22.1	21.9	21.9	22.1	22.5	22.4	22.8	22.7	22.8	22.7	22.8	21.9	22.8	22.5
Mar 12	22.9	23.0	22.9	23.0	22.9	23.1	23.0	23.0	22.9	22.9	22.5	22.3	21.7	21.3	21.2	21.1	21.2	21.8	22.1	22.7	22.7	23.1	23.0	23.1	21.1	23.1	22.5
Mar 13	22.9	23.0	23.1	23.0	23.1	22.9	23.1	22.8	22.9	22.5	22.5	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.6
Mar 14	22.4	22.4	22.4	22.4	22.6	22.5	22.4	22.6	22.6	22.6	22.5	22.2	21.9	22.1	21.6	21.6	21.7	21.7	21.9	22.5	22.6	22.9	22.9	23.1	21.6	23.1	22.3
Mar 15	23.0	23.0	23.0	22.8	22.5	22.6	22.4	22.3	22.5	22.5	22.3	21.8	21.2	21.1	21.1	21.5	21.6	22.3	22.2	22.4	22.5	22.5	22.7	22.5	21.1	23.0	22.3
Mar 16	22.9	22.9	23.0	23.1	22.9	23.1	22.9	23.0	22.9	22.7	22.2	21.7	21.5	21.3	21.1	21.5	20.8	21.2	21.2	21.8	22.3	22.3	22.4	22.6	20.8	23.1	22.3
Mar 17	22.6	22.6	22.5	22.7	22.6	22.6	22.8	22.6	22.8	22.4	21.9	21.4	21.5	21.6	21.8	22.3	22.5	21.9	21.7	22.1	22.5	22.7	22.7	22.5	21.4	22.8	22.3
Mar 18	22.8	22.7	22.5	22.7	22.6	22.5	22.7	22.6	22.8	22.1	21.8	21.8	22.0	22.3	22.7	22.7	22.4	22.3	21.4	22.2	22.5	22.6	22.6	22.8	21.4	22.8	22.4
Mar 19	22.7	22.7	22.8	22.7	22.8	22.8	22.7	23.0	22.9	22.4	21.9	22.2	22.9	22.8	22.6	22.2	22.5	22.4	21.9	21.7	22.4	22.7	22.8	22.7	21.7	23.0	22.6
Mar 20	22.6	22.8	22.5	22.9	22.7	22.9	22.7	23.1	22.7	22.3	21.6	21.6	21.4	21.6	21.7	22.0	22.1	21.5	21.7	22.1	22.6	22.4	22.7	22.5	21.4	23.1	22.3
Mar 21	22.5	22.6	22.7	22.7	22.7	22.6	22.6	22.6	23.6	23.0	23.4	22.8	22.8	22.5	22.5	21.6	20.8	21.2	21.4	22.1	22.5	22.6	22.5	22.6	20.8	23.6	22.5
Mar 22	22.5	22.6	22.5	22.5	22.5	22.6	22.7	22.7	22.8	22.1	21.9	21.3	21.1	20.9	21.0	21.7	22.5	22.6	21.8	21.8	22.4	22.2	22.5	22.5	20.9	22.8	22.2
Mar 23	22.5	22.5	22.3	22.5	22.2	22.5	22.4	22.2	22.3	21.7	21.2	21.3	22.2	22.1	22.0	22.4	22.2	22.3	22.5	21.6	21.7	22.4	22.4	22.4	21.2	22.5	22.2
Mar 24	22.6	22.7	22.7	22.6	22.5	22.8	22.7	22.6	22.8	22.0	21.5	22.0	22.6	22.6	22.4	22.5	22.4	22.6	21.4	22.1	22.1	22.0	22.0	22.4	21.4	22.8	22.4
Mar 25	22.2	22.5	22.5	22.6	22.8	22.7	22.7	22.5	22.2	22.1	21.7	21.6	21.5	21.5	21.8	22.5	22.2	21.3	21.9	22.0	22.4	22.1	22.4	22.6	21.3	22.8	22.2
Mar 26	22.5	22.5	22.6	22.6	22.7	22.6	22.5	22.4	22.5	22.0	21.9	21.4	21.4	21.0	21.1	21.1	21.1	21.5	22.0	22.3	22.7	22.8	22.7	22.9	21.0	22.9	22.1
Mar 27	22.9	22.9	22.9	22.7	22.8	22.7	22.7	22.8	22.6	22.6	22.6	22.1	21.9	21.7	21.4	21.4	21.2	21.7	22.3	22.4	22.5	22.8	22.6	22.6	21.2	22.9	22.4
Mar 28	22.8	22.7	22.9	22.9	22.8	23.0	22.8	23.0	22.9	22.4	22.0	21.7	21.5	21.6	21.1	21.0	21.2	21.6	21.8	22.0	22.4	22.2	22.3	22.4	21.0	23.0	22.2
Mar 29	22.4	22.4	22.5	22.5	22.3	22.3	22.3	22.1	22.0	22.0	21.8	21.5	21.5	21.4	21.4	21.0	21.1	21.7	21.8	21.9	22.0	22.0	22.3	22.2	21.0	22.5	21.9
Mar 30	22.0	22.3	22.2	22.4	22.5	22.3	22.4	22.2	22.1	22.0	21.7	21.8	21.6	21.7	21.5	21.5	21.4	21.3	21.9	21.9	22.0	22.0	22.1	22.2	21.3	22.5	22.0
Mar 31	22.2	22.5	22.4	22.3	22.5	22.5	22.6	22.6	22.0	21.6	22.3	23.0	22.3	22.3	22.1	22.5	22.2	22.2	21.4	21.6	21.9	22.0	22.0	22.0	21.4	23.0	22.2
Diurnal Maximum	23.5	23.5	23.5	23.6	23.6	23.5	23.6	23.6	23.6	23.6	23.4	23.0	22.9	22.8	22.7	22.7	22.5	22.6	22.9	23.1	23.1	23.4	23.4	23.4			
Diurnal Average	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2	22.0	21.9	21.8	21.7	21.8	21.8	22.0	22.0	22.3	22.5	22.6	22.6	22.7			

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

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



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

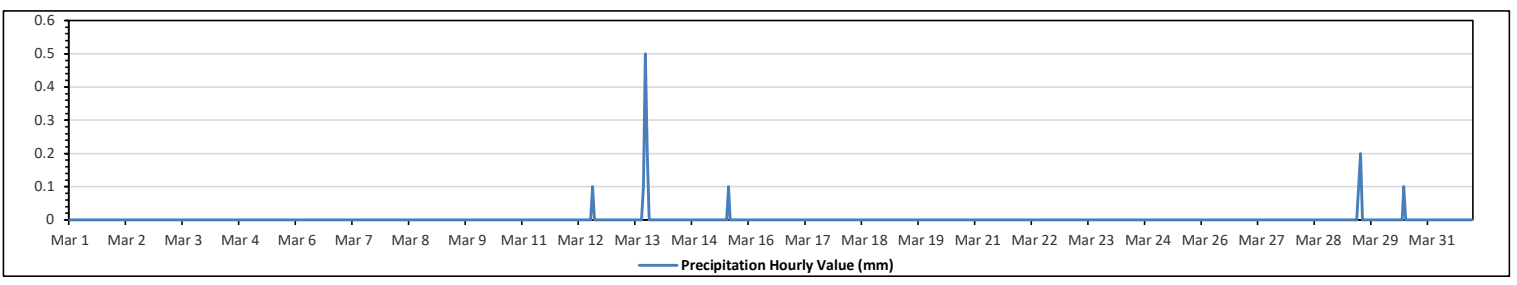
PRECIPITATION in mm

Maximum Hourly Value:	0.5 mm on Mar 13 at hr 17	Hours in Service:	744
Maximum Daily Value:	0.8 mm on Mar 13	Hours of Data:	744
Minimum Hourly Value:	0.0 mm on Mar 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0 mm on Mar 1	Hours of Calibration:	0
Monthly Total:	1.4 mm	Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Mar 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2	0	0	0	0	0	0	0.0	0.5	0.8
Mar 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
Mar 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 29	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0.0	0.2	0.3
Mar 30	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	0.1	0.1
Mar 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diurnal Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

VECTOR WIND SPEED (VWS) in km/hr

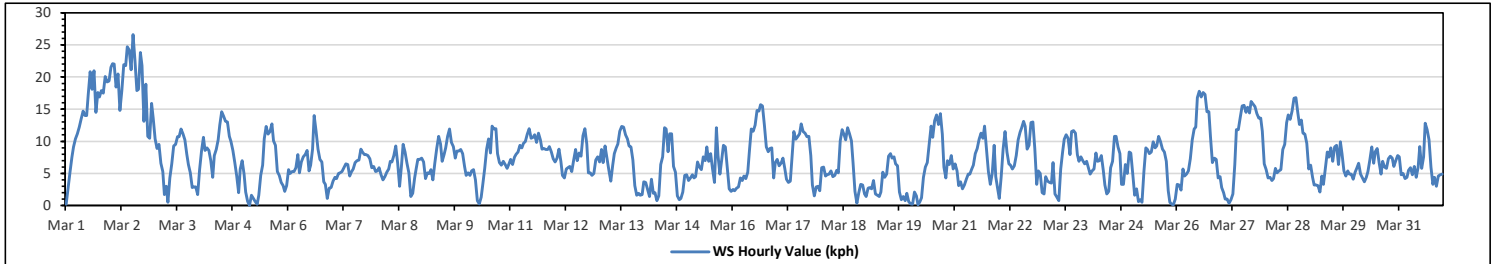
Maximum Hourly Value:	26.6 kph	on Mar 2 at hr 12	Hours in Service:	744
Maximum Daily Value:	19.4 kph	on Mar 2	Hours of Data:	744
Minimum Hourly Value:	0.0 kph	on Mar 5 at hr 3	Hours of Missing Data:	0
Minimum Daily Value:	3.6 kph	on Mar 19	Hours of Calibration:	0
Monthly Average:	0.4 kph		Operational 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
Mar 1	0.2	2.7	5.2	7.5	9.1	10.4	11.2	12.2	13.5	14.7	14.0	14.0	17.3	20.8	18.1	21.0	14.5	17.6	16.9	17.9	17.5	20.1	19.2	19.4	0.2	21.0	14.0
Mar 2	21.5	22.1	22.0	18.4	20.5	14.8	17.9	21.9	21.8	24.7	24.2	21.1	26.6	22.6	17.9	18.1	23.8	21.8	13.1	18.9	10.8	10.5	15.9	13.6	10.5	26.6	19.4
Mar 3	10.4	8.9	9.5	6.6	5.3	1.7	3.0	0.5	4.3	6.5	9.3	9.5	10.7	10.7	11.9	11.2	10.2	8.0	6.4	5.1	2.8	2.9	2.9	1.7	0.5	11.9	6.7
Mar 4	5.6	8.5	10.6	8.6	9.0	8.6	7.0	4.4	7.8	8.7	10.2	12.5	14.6	13.9	13.1	13.0	10.8	10.0	8.6	6.7	4.6	2.0	5.7	7.0	2.0	14.6	8.8
Mar 5	4.9	2.1	0.7	0.0	1.6	1.1	0.6	0.2	1.6	4.7	6.3	10.4	12.3	11.1	11.5	12.7	10.1	9.4	5.3	4.7	3.6	3.1	2.2	3.1	0.0	12.7	5.1
Mar 6	5.6	5.0	5.3	5.3	5.9	7.9	5.1	6.8	7.6	7.9	8.6	5.4	6.3	8.8	14.0	11.6	8.8	7.2	6.8	3.7	3.3	1.1	2.7	2.8	1.1	14.0	6.4
Mar 7	3.8	4.4	4.2	5.0	5.1	5.3	5.9	6.5	6.4	4.6	5.2	5.7	6.7	7.0	7.1	8.8	8.3	7.9	7.9	7.8	7.3	5.9	6.1	5.3	3.8	8.8	6.2
Mar 8	5.4	5.9	4.8	4.0	4.5	5.2	5.7	6.9	6.8	7.8	9.3	6.6	3.0	6.3	9.5	8.3	6.6	5.1	1.4	1.9	4.3	5.8	7.2	7.2	1.4	9.5	5.8
Mar 9	7.4	6.8	4.2	5.1	5.0	5.6	4.0	6.6	8.9	10.8	9.6	6.9	7.9	9.0	10.8	11.9	9.8	9.2	7.4	8.5	8.5	8.7	8.1	6.1	4.0	11.9	7.8
Mar 10	4.7	5.1	4.7	5.4	5.6	4.0	0.8	0.3	1.3	3.3	5.8	8.8	10.4	8.2	12.4	11.9	12.0	8.1	6.7	6.3	6.9	6.4	5.8	6.4	0.3	12.4	6.3
Mar 11	7.2	6.4	7.5	8.0	8.3	9.4	9.0	9.7	10.0	11.1	12.0	10.5	10.6	11.0	9.8	11.3	10.2	8.8	8.9	8.7	8.7	9.2	8.4	7.3	6.4	12.0	9.3
Mar 12	6.8	7.4	8.8	6.9	4.7	4.3	5.7	5.9	6.1	5.3	7.1	8.7	7.0	8.2	7.7	10.9	12.0	9.6	5.1	5.1	4.7	5.0	7.1	7.6	4.3	12.0	7.0
Mar 13	6.8	8.7	6.7	9.3	7.4	5.5	3.8	6.3	8.1	9.0	9.6	11.6	12.3	12.2	11.0	10.4	9.3	9.1	7.1	3.1	1.6	1.9	1.6	1.7	1.6	12.3	7.3
Mar 14	3.7	3.6	2.5	1.4	4.1	1.9	2.0	0.8	1.5	6.4	7.6	12.1	11.9	8.4	11.2	11.2	6.1	5.2	1.5	0.9	1.1	2.1	4.7	4.8	0.8	12.1	4.9
Mar 15	3.9	4.3	4.8	4.3	4.5	6.8	6.0	5.6	7.6	7.0	9.1	6.9	8.1	5.7	3.6	12.1	7.8	4.9	6.9	9.4	9.1	5.9	2.6	2.2	2.2	12.1	6.2
Mar 16	2.5	2.3	2.7	2.9	4.3	3.9	4.6	4.2	5.2	8.4	11.9	11.6	12.5	14.8	14.7	15.7	15.5	12.5	9.1	8.4	8.9	9.0	4.3	6.7	2.3	15.7	8.2
Mar 17	7.2	6.2	6.6	7.4	5.7	4.1	3.6	3.8	8.0	11.5	10.3	10.7	11.2	12.7	11.5	11.3	10.7	10.8	7.8	3.2	1.5	2.9	3.0	2.3	1.5	12.7	7.3
Mar 18	5.9	6.0	4.6	4.8	4.9	5.4	4.5	4.7	5.5	5.1	10.1	11.8	11.0	10.2	12.1	11.2	10.1	6.7	2.2	0.4	2.0	3.3	3.2	1.8	0.4	12.1	6.1
Mar 19	1.4	2.7	2.8	2.6	3.9	1.8	1.6	1.4	2.1	5.2	4.4	4.9	7.7	8.1	7.4	7.6	6.5	6.2	2.1	0.9	1.4	0.8	1.9	0.6	0.6	8.1	3.6
Mar 20	0.3	0.2	2.1	1.5	0.1	0.6	1.2	4.4	6.0	6.7	9.6	12.4	10.6	13.2	14.1	12.6	14.3	11.1	6.0	4.3	7.0	6.4	7.8	5.7	0.1	14.3	6.6
Mar 21	6.5	5.4	3.1	3.7	2.6	3.2	4.1	4.9	4.9	5.7	6.3	8.1	8.9	10.3	11.3	10.5	12.4	8.8	5.3	3.3	5.0	9.4	4.5	2.6	2.6	12.4	6.3
Mar 22	1.1	4.5	8.8	11.5	8.3	6.5	6.3	5.7	6.2	7.8	10.2	11.4	12.1	13.1	12.3	8.8	9.4	12.9	13.0	8.9	3.3	5.4	5.0	2.0	1.1	13.1	8.1
Mar 23	1.8	4.5	3.8	3.6	3.5	6.7	1.8	1.3	0.8	5.7	8.4	10.3	11.0	10.5	7.9	11.5	11.7	11.3	7.9	6.9	7.6	7.0	6.5	6.9	0.8	11.7	6.6
Mar 24	5.8	4.9	5.4	5.7	8.2	6.9	7.0	7.8	5.5	3.2	1.8	2.2	5.9	6.9	10.8	10.8	9.1	8.1	3.3	3.3	6.4	5.0	8.3	8.2	1.8	10.8	6.3
Mar 25	5.0	1.6	2.6	0.6	0.9	0.5	5.3	9.0	8.7	8.1	8.3	9.9	9.0	9.3	10.8	9.9	8.8	8.3	6.9	2.3	0.5	0.2	0.1	1.0	0.1	10.8	5.3
Mar 26	3.3	3.2	2.4	5.7	4.6	4.9	5.4	7.3	10.2	11.9	12.2	16.8	17.8	16.9	17.6	17.3	14.6	14.6	10.7	6.7	7.4	7.2	4.3	4.5	2.4	17.8	9.5
Mar 27	2.8	2.0	1.0	0.0	0.4	0.9	1.8	6.4	11.8	11.8	13.7	15.5	15.6	14.5	15.3	14.4	16.2	15.8	15.4	14.3	13.6	13.6	11.6	6.5	0.4	16.2	9.8
Mar 28	5.6	4.3	4.4	3.9	4.2	5.8	5.1	5.4	5.6	8.7	9.5	12.9	14.1	13.4	14.7	16.7	16.8	14.4	12.6	13.3	11.3	11.1	9.7	5.7	3.9	16.8	9.6
Mar 29	6.3	4.4	3.2	3.2	3.1	2.1	4.6	3.3	5.8	8.3	7.5	9.0	6.9	9.1	9.4	6.4	9.9	8.1	5.4	4.6	5.4	4.9	4.9	4.1	2.1	9.9	5.8
Mar 30	5.2	5.8	6.6	4.9	4.3	3.7	4.4	5.3	7.1	9.1	6.6	8.4	8.9	6.7	4.9	6.9	6.0	5.8	7.3	7.7	7.4	6.1	7.0	7.8	3.7	9.1	6.4
Mar 31	7.6	4.8	5.0	4.2	4.4	5.5	5.9	4.8	6.1	4.4	6.0	9.2	5.8	7.6	12.8	11.8	10.2	6.0	3.3	4.4	3.0	4.6	4.8	4.9	3.0	12.8	6.1
Diurnal Maximum	21.5	22.1	22.0	18.4	20.5	14.8	17.9	21.9	21.8	24.7	24.2	21.1	26.6	22.6	18.1	21.0	23.8	21.8	16.9	18.9	17.5	20.1	19.2	19.4			
Diurnal Average	5.4	5.3	5.4	5.3	5.3	5.0	5.0	5.6	6.9	8.2	9.2	10.1	10.8	11.0	11.5	11.9	11.0	9.8	7.4	6.5	6.0	6.0	6.0	5.4			

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

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

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

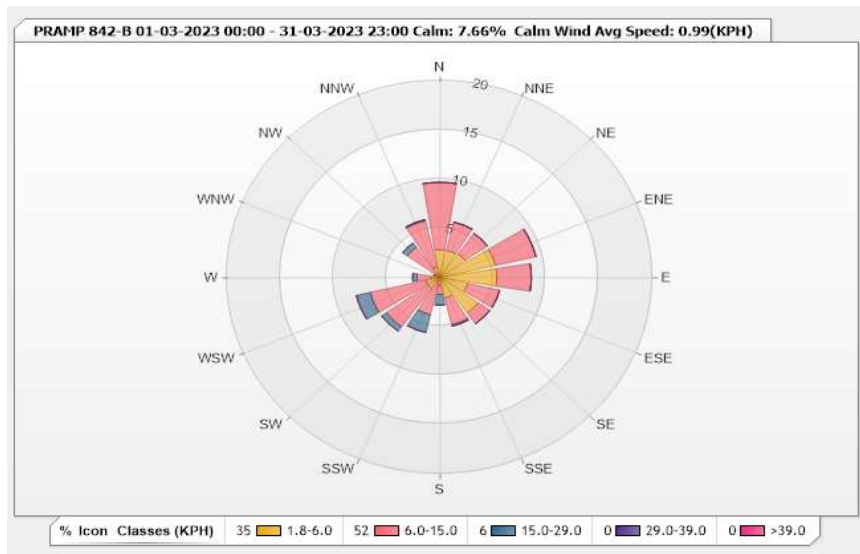


Station: PRAMP 842-B Monitor: WDS [KPH] Monthly: 03-2023

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

Calm (WS<1.8kph): 7.66% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	2.82	6.85	0	0	0	9.67
NNE	2.82	2.96	0	0	0	5.78
NE	2.96	2.55	0	0	0	5.51
ENE	5.38	3.9	0	0	0	9.28
E	5.38	3.23	0	0	0	8.61
ESE	2.69	3.09	0	0	0	5.78
SE	4.44	1.34	0	0	0	5.78
SSE	2.15	2.82	0.13	0	0	5.1
S	0.81	0.94	1.08	0	0	2.83
SSW	0.4	3.49	1.88	0	0	5.77
SW	1.34	4.84	0.54	0	0	6.72
WSW	1.34	5.38	1.34	0	0	8.06
W	0.81	1.34	0.4	0	0	2.55
WNW	0	0.54	0	0	0	0.54
NW	0.27	3.49	0.54	0	0	4.3
NNW	1.08	4.84	0.13	0	0	6.05
Summary	34.69	51.6	6.04	0	0	92.33



Peace River Area Monitoring Program

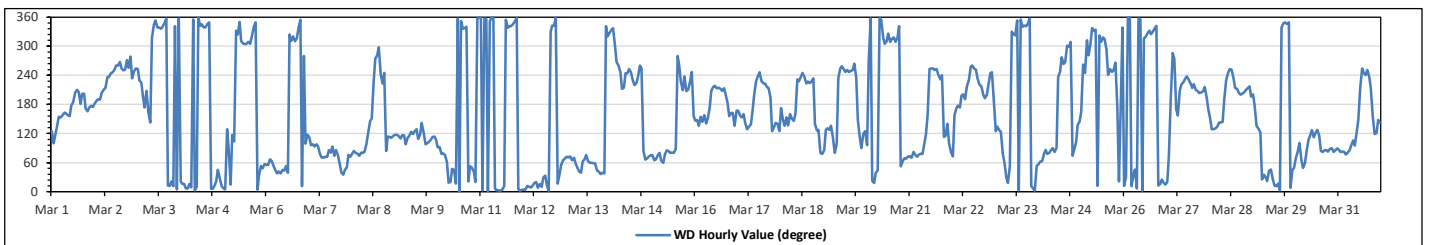
842-B Station - March 2023

Summary of Hourly Averages

WIND DIRECTION (VWD) in sector

Monthly Average:		255 (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
Mar 1	SE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SSW	S	SSW	SSW	S	SSE	S	S	S	177	S
Mar 2	S	S	S	S	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	W	WSW	W	SW	WSW	WSW	236	SW
Mar 3	WSW	SW	SW	SSW	S	SSW	SSE	SE	NW	NNW	N	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	NNW	N	N	330	NNW
Mar 4	NNE	NNE	NNE	N	NNE	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NE	NNE	NNE	NNE	1	N
Mar 5	N	N	SE	E	NNE	ESE	ESE	NNW	NW	N	NW	NW	WNW	WNW	NW	WNW	NW	NNW	NNW	N	NE	NE	ENE	329	NNW
Mar 6	NE	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	NW	NW	NNW	N	NNE	W	E	ESE	15	NNE
Mar 7	ESE	E	E	E	E	ENE	ENE	ENE	ENE	ENE	E	E	ENE	E	ENE	E	ENE	ENE	NE	NE	NE	ENE	ENE	74	ENE
Mar 8	ENE	E	E	ENE	ENE	E	E	E	ESE	SE	SSE	SW	W	W	WNW	WSW	SW	WSW	E	ESE	ESE	ESE	ESE	115	ESE
Mar 9	ESE	ESE	ESE	ESE	ESE	ESE	E	ESE	ESE	ESE	SE	SE	ESE	ESE	SE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	116	ESE
Mar 10	E	E	ENE	ENE	ENE	ENE	NNE	NNE	NE	NE	NNE	N	N	N	NNW	NNW	NNW	NNE	NE	NE	NE	NNE	N	18	NNE
Mar 11	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	N	NNW	NNW	NNW	NNW	N	N	N	N	357	N
Mar 12	N	N	NNE	N	N	NNE	NNE	NNE	N	NNE	N	NNE	NNE	NNE	N	NNW	NNW	NNW	NNE	NE	NE	ENE	ENE	13	NNE
Mar 13	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NNW	NW	58	ENE
Mar 14	NW	NNW	NNW	WNW	W	WSW	WSW	SSW	SSW	WSW	WSW	WSW	SW	SW	SW	SW	WSW	WSW	E	ENE	ENE	ENE	ENE	246	WSW
Mar 15	ENE	ENE	ENE	ENE	E	ENE	ENE	ENE	E	E	E	E	E	W	WSW	SW	SSW	SSW	SSW	SSW	SW	WSW	SSE	116	ESE
Mar 16	SE	SE	SE	SSE	SE	SSE	SE	SSE	S	SSW	SW	SW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SE	SSE	191	S	
Mar 17	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSW	SW	SW	WSW	SW	SW	SW	SSW	SSW	SE	SE	SE	SE	SE	196	SSW
Mar 18	S	SE	SE	SSE	SE	SSE	SSE	SSE	SSE	SW	SW	SW	WSW	SW	SW	SW	SW	SW	SE	SE	SE	E	ENE	202	SSW
Mar 19	E	SE	SE	SE	SE	ESE	E	E	SW	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	SE	ESE	E	ESE	E	E	231	SW
Mar 20	E	W	N	NNE	NNE	NE	NE	N	N	NW	WNW	NW	NW	NW	NW	NW	NNW	NE	ENE	ENE	ENE	ENE	ENE	336	NNW
Mar 21	ENE	ENE	E	ENE	ENE	ENE	ENE	E	ESE	SSE	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	ESE	ESE	SE	E	E	186	S
Mar 22	ENE	SSE	S	S	SSW	SSW	S	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	SW	SSW	S	SSW	SW	WSW	WSW	S	216	SW
Mar 23	SE	SE	SE	ESE	ENE	ENE	NNE	NNE	NE	NNW	NW	N	N	N	NNW	NNW	NNW	NNW	N	NNE	N	N	NE	1	N
Mar 24	ENE	ENE	ENE	ENE	E	ENE	E	E	E	E	SW	WSW	W	W	W	WNW	WNW	NW	ENE	E	E	SE	SE	78	ENE
Mar 25	SSE	W	WSW	NW	W	WNW	NNW	NNW	NNW	NNE	NW	NW	NW	WNW	WSW	WSW	WSW	W	S	NNE	SSE	NNW	296	WNW	
Mar 26	NNE	NNE	N	N	NNE	NNE	NE	N	N	N	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNE	NNE	NNE	NNE	NNE	346	NNW
Mar 27	NNE	ENE	SSW	WNW	W	SSE	SSE	SSW	SW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	215	SSW
Mar 28	SSE	SE	SE	SE	SE	SE	SE	S	SW	WSW	WSW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	207	SSW
Mar 29	SSW	S	SE	SE	ESE	NNE	NE	NNE	NE	NE	NNE	NNE	NNE	NNE	N	NNW	NNW	NNW	NNW	NNW	N	NE	NE	20	NNE
Mar 30	ENE	E	E	ENE	NE	ENE	E	ESE	ESE	SE	ESE	ESE	SE	ESE	E	E	E	E	E	E	E	E	E	95	E
Mar 31	E	E	E	E	ENE	E	E	E	ESE	ESE	SE	ESE	SE	ESE	W	WSW	WSW	WSW	SW	SSE	ESE	ESE	SE	153	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				
X	Invalid Data (Machine Malfunction /Recovery)														NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				P	Power Failure				

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



Peace River Area Monitoring Program

842-B Station - March 2023

Summary of Hourly Averages

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

WIND SPEED	
Maximum Hourly Value:	26.6 kph on Mar 2 at hr 12
Maximum Daily Value:	19.4 kph on Mar 2
Minimum Hourly Value:	0.0 kph on Mar 5 at hr 3
Minimum Daily Value:	3.6 kph on Mar 19
Monthly Average:	0.4 kph
Hours in Service:	744
Hours of Data:	744
Hours of Missing Data:	0
Hours of Calibration:	0
Operational Uptime:	100.0

WIND DIRECTION	
Monthly Average:	255 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
Mar 1	0.2	2.7	5.2	7.5	9.1	10.4	11.2	12.2	13.5	14.7	14.0	14.0	17.3	20.8	18.1	21.0	14.5	17.6	16.9	17.9	17.5	20.1	19.2	19.4	0.2	21.0	14.0
Mar 2	SE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SSW	SSW	S	SSW	SSW	S	SSE	S	S	10.5	26.6	19.4	
Mar 3	10.4	8.9	9.5	6.6	5.3	1.7	3.0	0.5	4.3	6.5	9.3	9.5	10.7	10.7	11.9	11.2	10.2	8.0	6.4	5.1	2.8	2.9	2.9	0.5	11.9	6.7	
Mar 4	WSW	SW	SW	SSW	S	SSW	SSE	SE	NW	NNW	N	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	NNW	N	N	2.0	14.6	8.8	
Mar 5	5.6	8.5	10.6	8.6	9.0	8.6	7.0	4.4	7.8	8.7	10.2	12.5	14.6	13.9	13.1	13.0	10.8	10.0	8.6	6.7	4.6	2.0	5.7	0.0	12.7	5.1	
Mar 6	NNE	NNE	NNE	N	NNE	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	1.1	14.0	6.4	
Mar 7	4.9	2.1	0.7	0.0	1.6	1.1	0.6	0.2	1.6	4.7	6.3	10.4	12.3	11.1	11.5	12.7	10.1	9.4	5.3	4.7	3.6	3.1	2.2	3.8	8.8	6.2	
Mar 8	N	N	SE	E	NNE	ESE	ESE	NNW	NW	N	NW	NW	WNW	WNW	NW	WNW	NW	NNW	NNW	N	NE	NE	NE	1.4	9.5	5.8	
Mar 9	5.6	5.0	5.3	5.3	5.9	7.9	5.1	6.8	7.6	7.9	8.6	5.4	6.3	8.8	14.0	11.6	8.8	7.2	6.8	3.7	3.3	1.1	2.7	4.0	11.9	7.8	
Mar 10	NE	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	NW	NNW	NNW	N	W	E	0.3	12.4	6.3	
Mar 11	3.8	4.4	4.2	5.0	5.1	5.3	5.9	6.5	6.4	4.6	5.2	5.7	6.7	7.0	7.1	8.8	8.3	7.9	7.9	7.8	7.3	5.9	6.1	6.4	12.0	9.3	
Mar 12	ESE	E	E	E	E	ENE	ENE	ENE	ENE	ENE	E	E	E	E	ENE	E	ENE	E	ENE	ENE	NE	NE	ENE	6.4	12.0	9.3	
Mar 13	5.4	5.9	4.8	4.0	4.5	5.2	5.7	6.9	6.8	7.8	9.3	6.6	3.0	6.3	9.5	8.3	6.6	5.1	1.4	1.9	4.3	5.8	4.3	12.0	7.0		
Mar 14	ENE	E	E	ENE	ENE	E	E	E	ESE	ESE	SSE	SW	W	W	WNW	WSW	SW	WSW	E	ESE	ESE	ESE	ESE	1.6	12.3	7.3	
Mar 15	7.4	6.8	4.2	5.1	5.0	5.6	4.0	6.6	8.9	10.8	9.6	6.9	7.9	9.0	10.8	11.9	9.8	9.2	7.4	8.5	8.5	8.7	8.1	0.8	12.1	4.9	
Mar 16	ESE	ESE	ESE	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	2.2	12.1	6.2	
Mar 17	4.7	5.1	4.7	5.4	5.6	4.0	0.8	0.3	1.3	3.3	5.8	8.8	10.4	8.2	12.4	11.9	12.0	8.1	6.7	6.3	6.9	6.4	5.8	0.6	8.1	3.6	
Mar 18	E	E	ENE	ENE	ENE	NNE	NNE	NE	NE	NNE	N	N	NNW	NNW	NNW	NNE	NE	NE	NE	NE	N	N	N	0.1	14.3	6.6	
Mar 19	7.2	6.4	7.5	8.0	8.3	9.4	9.0	9.7	10.0	11.1	12.0	10.5	10.6	11.0	9.8	11.3	10.2	8.8	8.9	8.7	8.7	9.2	8.4	0.6	8.1	3.6	
Mar 20	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	N	NNW	NNW	NNW	NNW	N	NNE	NE	ENE	0.1	14.3	6.6	
Mar 21	6.8	7.4	8.8	6.9	4.7	4.3	5.7	5.9	6.1	5.3	7.1	8.7	7.0	8.2	7.7	10.9	12.0	9.6	5.1	4.7	5.0	7.1	7.6	2.6	12.4	6.3	
Mar 22	N	N	NNE	N	N	NNE	NNE	NNE	N	NNE	N	NNE	NNE	NNE	N	NNW	NNW	NNW	N	NNE	NE	ENE	ENE	1.1	13.1	8.1	
Mar 23	6.8	8.7	6.7	9.3	7.4	5.5	3.8	6.3	8.1	9.0	9.6	11.6	12.3	12.2	11.0	10.4	9.3	9.1	7.1	3.1	1.6	1.9	1.6	0.8	11.7	6.6	
Mar 24	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	NNW	NW	1.8	10.8	6.3	
Mar 25	3.7	3.6	2.5	1.4	4.1	1.9	2.0	0.8	1.5	6.4	7.6	12.1	11.9	8.4	11.2	11.2	6.1	5.2	1.5	0.9	1.1	2.1	4.7	0.1	10.8	5.3	
Mar 26	NW	NNW	NNW	WNW	W	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.4	12.1	6.1	
Mar 27	3.9	4.3	4.8	4.3	4.5	6.8	6.0	5.6	7.6	7.0	9.1	6.9	8.1	5.7	3.6	12.1	7.8	4.9	6.9	9.4	9.1	5.9	2.6	2.2	12.1	6.2	
Mar 28	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	E	E	E	E	E	E	W	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	2.3	15.7	8.2	
Mar 29	2.5	2.3	2.7	2.9	4.3	3.9	4.6	4.2	5.2	8.4	11.9	11.6	12.5	14.8	14.7	15.7	15.5	12.5	9.1	8.4	8.9	9.0	4.3	1.5	12.7	7.3	
Mar 30	SE	SE	SE	SSE	SE	SSE	SE	SSE	S	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SE	SSE	0.4	16.2	9.8	
Mar 31	7.2	6.2	6.6	7.4	5.7	4.1	3.6	3.8	8.0	11.5	10.3	10.7	11.2	12.7	11.5	11.3	10.7	10.8	7.8	3.2	1.5	2.9	3.0	0.1	10.8	5.3	
Mar 31	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.1	10.8	5.3	
Mar 31	5.9	6.0	4.6	4.8	4.9	5.4	4.5	4.7	5.5	5.1	10.1	11.8	11.0	10.2	12.1	11.2	10.1	6.7	2.2	0.4	2.0	3.3	2.2	0.4	12.1	6.1	
Mar 31	S	SE	SE	SSE	SE	SSE	SSE	SE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.6	8.1	3.6	
Mar 31	1.4	2.7	2.8	2.6	3.9	1.8	1.6	1.4	2.1	5.2	4.4	4.9	7.7	8.1	7.4	7.6	6.5	6.2	2.1	0.9	1.4	0.8	1.9	0.1	14.3	6.6	
Mar 31	E	SE	SE	SE	SE	ESE	E	E	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	SE	ESE	E	0.1	14.3	6.6	
Mar 31	0.3	0.2	2.1	1.5	0.1	0.6	1.2	4.4	6.0	6.7	9.6	12.4	10.6	13.2	14.1	12.6	14.3	11.1	6.0	4.3	7.0	6.4	7.8	0.1	14.3	6.6	
Mar 31	E	W	N	NNE	NNE	NE	NE	N	N	NNW	NNW	NW	NW	NW	NW	NNW	NNW	NNW	N	NNE	N	N	N	2.6	12.4	6.3	
Mar 31	6.5	5.4	3.1	3.7	2.6	3.2	4.1	4.9	4.9	5.7	6.3	8.1	8.9	10.3	11.3	10.5	12.4	8.8	5.3	3.3	5.0	9.4	4.5	2.6	12.4	6.3	
Mar 31	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	E	ESE	SSE	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SSW	SSW	ESE	ESE	E	1.1	13.1	8.1	
Mar 31	1.1	4.5	8.8	11.5	8.3	6.5	6.3	5.7	6.2	7.8	10.2	11.4	12.1	13.1	12.3	8.8	9.4	12.9	13.0	8.9	3.3	5.4	5.0	1.1	13.1	8.1	
Mar 31	ENE	SSE	S	S	SSW	SSW	S	SW	SW	WSW	WSW	WSW	WSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	0.8	11.7	6.6	
Mar 31	1.8	4.5	3.8	3.6	3.5	6.7	1.8	1.3	0.8	5.7	8.4	10.3	11.0	10.5	7.9	11.5	11.7	11.3	7.9	6.9	7.6	7.0	6.5	0.8	11.7	6.6	
Mar 31	SE	SE	SE	ESE	ENE	ENE	NNE	NNE	NE	NNW	NW	NW	N	N	NNW	NNW	NNW	NNW	N	NNE	N	N	NE	1.8	10.8	6.3	
Mar 31	5.8	4.9	5.4	5.7	8.2	6.9	7.0	7.8	5.5	3.2	1.8	2.2	5.9	6.9	10.8	10.8	9.1	8.1	3.3	3.3	6.4	5.0	8.3	0.1	10.8	5.3	
Mar 31	ENE	ENE	ENE	ENE	E	ENE	E	E	E	E	SW	WSW	W	W	W	WNW	WNW	NW	ENE	E	E	SE	SE	0.1	10.8	5.3	
Mar 31	5.0	1.6	2.6	0.6	0.9	0.5	5.3	9.0	8.7	8.1	8.3	9.9	9.0	9.3	10.8	9.9	8.8	8.3	6.9	2.3	0.5	0.2	0.1	0.1	10.8	5.3	
Mar 31	SSE	W	WSW	NW	W	WNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	WSW	WSW	W	S	NNE	SSE	NNW	2.4	17.8	9.5	
Mar 31	3.3	3.2	2.4	5.7	4.6	4.9	5.4	7.3	10.2	11.9	12.2	16.8	17.8	16.9	17.6	17.3	14.6	14.6	10.7	6.7	7.4	7.2	4.3	2.4	17.8	9.5	
Mar 31	NNE	NNE	N	N	NNE	NNE	NE	N	N	N	N	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNE	0.4	16.2	9.8	
Mar 31	2.8	2.0	1.0	1.0	0.4	0.9	1.8	6.4	11.8	11.8	13.7	15.5	15.6	14.5	15.3	14.4	16.2	15.8	15.4	14.3	13.6	13.6	11.6	0.4	16.2	9.8	
Mar 31	NNE	ENE	SSW	WNW	W	SSE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	3.9	16.8	9.6	
Mar 31	5.6	4.3	4.4	3.9	4.2	5.8	5.1	5.4	5.6	8.7	9.5	12.9	14.1	13.4	14.7	16.7	16.8	14.4	12.6	13.3	11.3	11.1	9.7	2.1	9.9	5.8	
Mar 31	SSE	SE	SE	SE	SE	SE	SE	SE	S	WSW	WSW	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	2.1	9.9	5.8	
Mar 31	6.3	4.4	3.2	3.2	3.1	2.1	4.6	3.3	5.8	8.3	7.5	9.0	6.9	9.1	9.4	6.4	9.9	8.1	5.4	4.6	5.4	4.9	4.9	3.7	9.1	6	

RENO -B STATION

Peace River Area Monitoring Program

Reno-B Station - March 2023

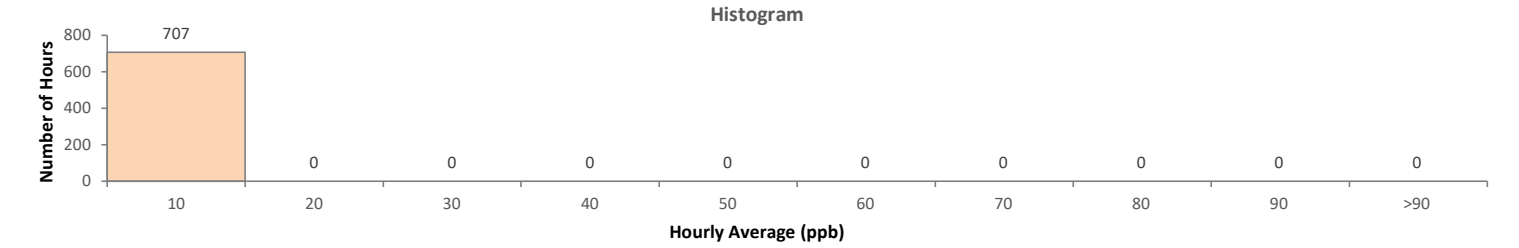
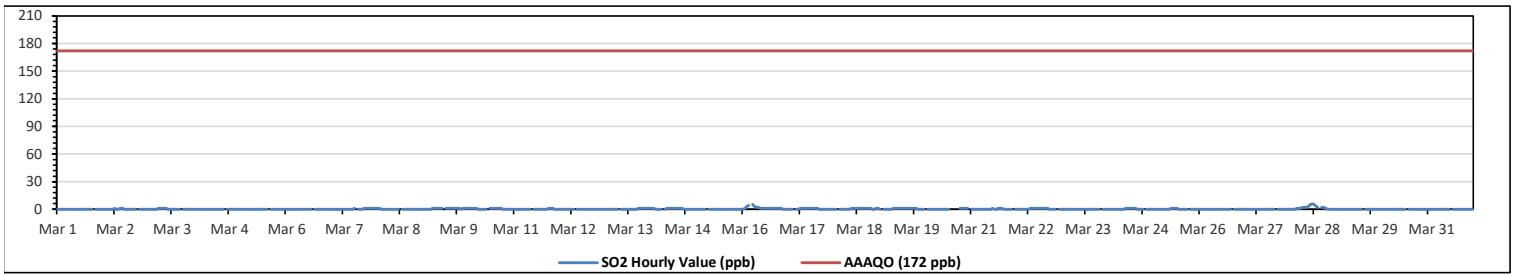
Summary of Hourly Averages

SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb																																			
Number of 1-Hour Exceedances:						0						Number of 24-Hour Exceedances:						0						30-Day Exceedance:						0					
Maximum Hourly Value:						6 ppb on Mar 28 at hr 11						Hours in Service:						744																	
Maximum Daily Value:						1.7 ppb on Mar 28						Hours of Data:						707																	
Minimum Hourly Value:						0 ppb on Mar 1 at hr 0						Hours of Missing Data:						0																	
Minimum Daily Value:						0.0 ppb on Mar 1						Hours of Calibration:						37																	
Monthly Average:						0.3 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											
Mar 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								
Mar 2	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	S	0	0	0	0	0	1	0.1								
Mar 3	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	1	0.2								
Mar 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	S	0	0	0	0	0	0	0	0	0.0								
Mar 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	S	0	0	0	0	0	0	0	0	0	0.0								
Mar 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	S	0	0	0	0	0	0	0	0	0	0	0.0								
Mar 7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	S	0	0	0	1	1	1	1	1	1	0	1	0.3								
Mar 8	1	1	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	1	0.1								
Mar 9	0	0	0	0	0	1	1	1	1	1	1	1	S	1	1	1	1	1	1	1	1	1	1	1	0	1	0.7								
Mar 10	1	1	1	1	1	0	0	0	0	0	S	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0.5								
Mar 11	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0.1								
Mar 12	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								
Mar 13	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0.3								
Mar 14	1	1	0	0	0	0	S	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0.5								
Mar 15	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								
Mar 16	0	1	3	4	S	5	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	5	1.4								
Mar 17	0	0	0	S	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0.4								
Mar 18	0	0	S	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0.6								
Mar 19	0	S	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0.6								
Mar 20	S	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	1	1	1	1	1	S	0	1	NA								
Mar 21	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	S	0	0	1	0.2								
Mar 22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	S	0	0	0	1	0.4								
Mar 23	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								
Mar 24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	S	0	0	0	0	1	0.3								
Mar 25	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	S	0	0	0	0	0	1	0.2								
Mar 26	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								
Mar 27	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								
Mar 28	0	0	0	1	1	1	2	2	2	3	5	6	5	3	2	S	2	2	1	0	0	0	0	0	6	1.7	0.0								
Mar 29	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								
Mar 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								
Mar 31	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								
Diurnal Maximum	1	1	3	4	1	5	3	2	2	3	5	6	5	3	2	1	2	2	1	1	1	1	1	1											
Diurnal Average	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.6	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.2	0.1											

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

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

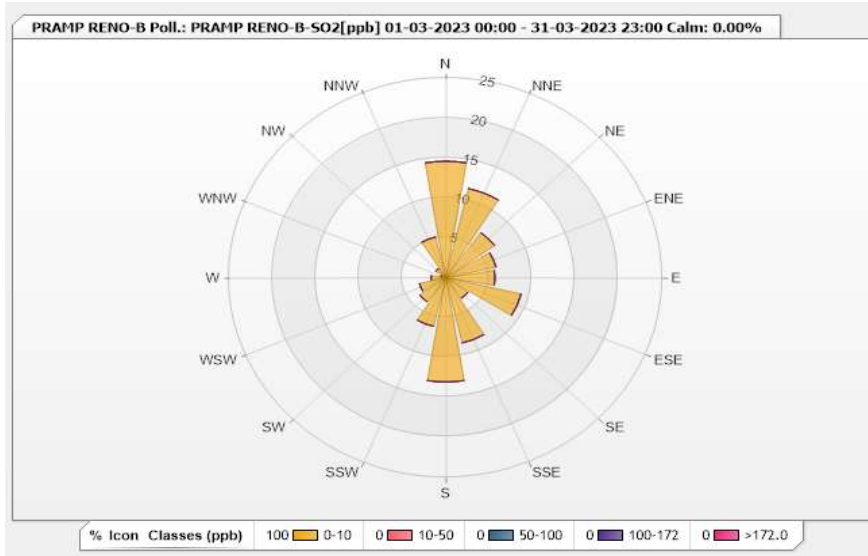


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-SO2[ppb] Monthly: 03-2023

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

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

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	14.59	0	0	0	0	14.59
NNE	11.47	0	0	0	0	11.47
NE	6.94	0	0	0	0	6.94
ENE	5.95	0	0	0	0	5.95
E	5.67	0	0	0	0	5.67
ESE	8.92	0	0	0	0	8.92
SE	3.12	0	0	0	0	3.12
SSE	8.36	0	0	0	0	8.36
S	13.03	0	0	0	0	13.03
SSW	6.23	0	0	0	0	6.23
SW	3.68	0	0	0	0	3.68
WSW	3.12	0	0	0	0	3.12
W	1.7	0	0	0	0	1.7
WNW	0.57	0	0	0	0	0.57
NW	1.42	0	0	0	0	1.42
NNW	5.24	0	0	0	0	5.24
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

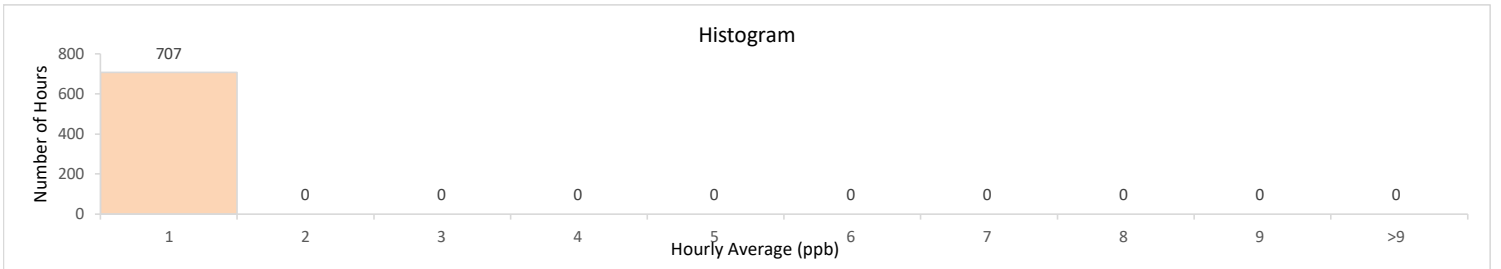
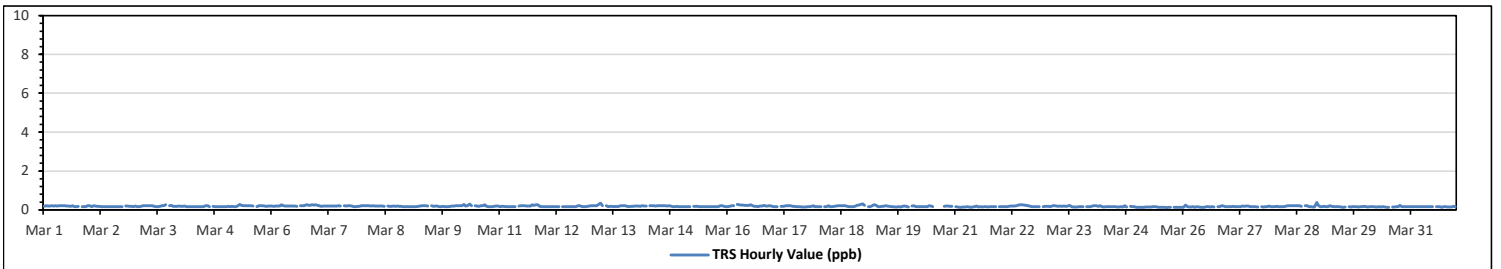
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	0.37 ppb on Mar 28 at hr 22	Hours in Service:	744
Maximum Daily Value:	0.21 ppb on Mar 16	Hours of Data:	707
Minimum Hourly Value:	0.11 ppb on Mar 25 at hr 15	Hours of Missing Data:	0
Minimum Daily Value:	0.13 ppb on Mar 25	Hours of Calibration:	37
Monthly Average:	0.18 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	
Mar 1	0.18	0.2	0.19	0.19	0.2	0.19	0.2	0.19	0.2	0.21	0.2	0.2	0.19	0.19	0.18	0.22	0.17	0.16	0.18	S	0.17	0.17	0.17	0.22	0	0	0.2	
Mar 2	0.21	0.15	0.21	0.19	0.18	0.18	0.17	0.16	0.16	0.17	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.16	S	0.19	0.19	0.18	0.18	0.17	0.15	0.21	0.17	
Mar 3	0.19	0.17	0.17	0.18	0.2	0.21	0.21	0.2	0.21	0.21	0.18	0.17	0.16	0.18	0.21	0.22	0.25	S	0.2	0.23	0.18	0.18	0.18	0.19	0.16	0.25	0.19	
Mar 4	0.18	0.18	0.19	0.17	0.17	0.16	0.16	0.16	0.16	0.17	0.16	0.16	0.17	0.2	0.21	0.17	S	0.18	0.16	0.16	0.16	0.16	0.16	0.17	0.16	0.21	0.17	
Mar 5	0.16	0.18	0.17	0.18	0.17	0.17	0.2	0.28	0.23	0.21	0.2	0.2	0.2	0.2	0.19	S	0.15	0.21	0.2	0.21	0.19	0.18	0.19	0.19	0.15	0.28	0.19	
Mar 6	0.19	0.18	0.19	0.19	0.19	0.26	0.2	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	S	0.21	0.22	0.22	0.26	0.24	0.23	0.26	0.24	0.25	0.18	0.26	0.21
Mar 7	0.23	0.2	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.2	0.19	S	0.2	0.19	0.2	0.2	0.19	0.17	0.17	0.18	0.18	0.2	0.17	0.23	0.19
Mar 8	0.21	0.21	0.21	0.21	0.19	0.2	0.19	0.19	0.19	0.19	0.19	0.19	0.18	S	0.19	0.18	0.18	0.19	0.18	0.19	0.18	0.18	0.16	0.16	0.16	0.16	0.21	0.19
Mar 9	0.16	0.16	0.16	0.16	0.16	0.18	0.19	0.2	0.2	0.2	0.2	0.19	S	0.2	0.18	0.19	0.19	0.17	0.18	0.17	0.16	0.17	0.18	0.19	0.16	0.20	0.18	
Mar 10	0.19	0.2	0.21	0.2	0.2	0.28	0.19	0.21	0.29	0.2	S	0.21	0.19	0.18	0.2	0.22	0.25	0.18	0.17	0.17	0.17	0.18	0.19	0.19	0.17	0.29	0.20	
Mar 11	0.17	0.18	0.18	0.17	0.16	0.17	0.16	0.16	0.17	S	0.19	0.21	0.2	0.2	0.19	0.19	0.19	0.25	0.23	0.25	0.26	0.18	0.16	0.17	0.16	0.26	0.19	
Mar 12	0.16	0.15	0.15	0.16	0.16	0.16	0.15	0.15	S	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.19	0.2	0.21	0.18	0.17	0.18	0.19	0.15	0.21	0.17	
Mar 13	0.21	0.2	0.21	0.21	0.27	0.33	0.21	S	0.21	0.17	0.18	0.18	0.17	0.18	0.17	0.19	0.21	0.21	0.2	0.18	0.17	0.18	0.18	0.19	0.17	0.33	0.20	
Mar 14	0.19	0.19	0.18	0.2	0.19	0.19	S	0.21	0.21	0.2	0.19	0.21	0.22	0.21	0.21	0.2	0.19	0.22	0.19	0.17	0.16	0.18	0.15	0.15	0.15	0.22	0.19	
Mar 15	0.16	0.16	0.16	0.17	0.16	S	0.18	0.18	0.18	0.17	0.17	0.16	0.17	0.16	0.17	0.16	0.16	0.16	0.16	0.17	0.2	0.21	0.18	0.17	0.16	0.21	0.17	
Mar 16	0.17	0.18	0.21	0.22	S	0.27	0.26	0.24	0.24	0.23	0.23	0.23	0.25	0.22	0.18	0.18	0.16	0.19	0.19	0.23	0.19	0.19	0.21	0.19	0.16	0.27	0.21	
Mar 17	0.17	0.16	0.16	S	0.18	0.18	0.19	0.21	0.22	0.21	0.18	0.18	0.16	0.15	0.14	0.14	0.14	0.17	0.16	0.18	0.22	0.16	0.15	0.14	0.22	0.17	0.17	
Mar 18	0.15	0.16	S	0.16	0.17	0.21	0.17	0.17	0.18	0.19	0.2	0.22	0.21	0.2	0.2	0.18	0.16	0.16	0.16	0.18	0.23	0.24	0.27	0.3	0.15	0.30	0.19	
Mar 19	0.23	S	0.16	0.15	0.21	0.26	0.24	0.17	0.17	0.18	0.18	0.21	0.19	0.18	0.2	0.16	0.16	0.14	0.14	0.15	0.14	0.18	0.18	0.14	0.26	0.18	0.18	
Mar 20	S	0.19	0.2	0.17	0.16	0.17	0.17	0.17	0.16	0.17	0.2	0.19	0.16	C	C	C	C	C	C	0.18	0.19	0.19	0.18	0.18	S	0.16	0.20	NA
Mar 21	0.15	0.14	0.13	0.12	0.14	0.14	0.15	0.14	0.13	0.14	0.15	0.19	0.14	0.15	0.14	0.15	0.15	0.14	0.15	0.17	0.15	0.15	S	0.16	0.12	0.19	0.15	
Mar 22	0.16	0.16	0.16	0.15	0.18	0.19	0.19	0.19	0.21	0.24	0.26	0.26	0.24	0.23	0.2	0.19	0.17	0.16	0.16	0.16	0.15	S	0.17	0.18	0.15	0.26	0.19	
Mar 23	0.18	0.18	0.16	0.2	0.2	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.23	0.15	0.14	0.14	0.14	0.17	0.15	0.15	S	0.16	0.15	0.16	0.14	0.23	0.17	
Mar 24	0.19	0.22	0.2	0.18	0.21	0.15	0.14	0.15	0.15	0.16	0.17	0.17	0.16	0.14	0.14	0.15	0.14	0.2	0.14	S	0.18	0.16	0.15	0.13	0.13	0.22	0.16	
Mar 25	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.13	0.13	0.13	0.12	0.11	0.12	0.12	0.12	S	0.13	0.13	0.12	0.13	0.13	0.11	0.15	0.13
Mar 26	0.13	0.24	0.16	0.14	0.14	0.15	0.13	0.15	0.14	0.13	0.12	0.13	0.16	0.15	0.14	0.15	0.14	S	0.16	0.16	0.21	0.19	0.16	0.15	0.12	0.24	0.15	
Mar 27	0.15	0.17	0.18	0.16	0.16	0.16	0.17	0.17	0.19	0.18	0.19	0.19	0.17	0.17	0.15	0.15	0.14	S	0.15	0.14	0.16	0.16	0.19	0.17	0.17	0.14	0.19	0.17
Mar 28	0.17	0.18	0.17	0.17	0.17	0.17	0.19	0.22	0.21	0.21	0.22	0.22	0.21	0.2	0.18	S	0.21	0.2	0.17	0.15	0.14	0.14	0.37	0.22	0.14	0.37	0.20	
Mar 29	0.16	0.17	0.18	0.16	0.17	0.2	0.18	0.17	0.17	0.16	0.15	0.14	0.13	0.14	S	0.15	0.14	0.15	0.15	0.15	0.14	0.16	0.16	0.18	0.13	0.20	0.16	
Mar 30	0.15	0.14	0.15	0.15	0.15	0.14	0.14	0.15	0.14	0.15	0.14	0.13	0.13	S	0.14	0.14	0.15	0.17	0.23	0.15	0.16	0.15	0.15	0.15	0.13	0.23	0.15	
Mar 31	0.16	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	S	0.16	0.16	0.15	0.13	0.15	0.15	0.14	0.14	0.14	0.18	0.15	0.13	0.18	0.16	
Diurnal Maximum	0.23	0.24	0.21	0.22	0.27	0.33	0.26	0.28	0.29	0.24	0.26	0.26	0.25	0.23	0.21	0.22	0.25	0.25	0.26	0.25	0.26	0.26	0.37	0.30				
Diurnal Average	0.17	0.18	0.18	0.17	0.18	0.19	0.18	0.18	0.19	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18

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

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

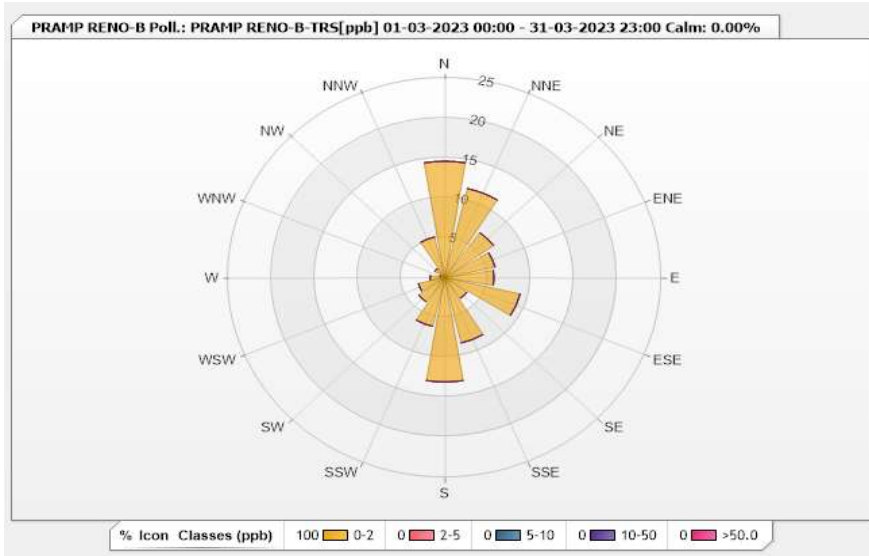


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-TRS[ppb] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	14.59	0	0	0	0	14.59
NNE	11.47	0	0	0	0	11.47
NE	6.94	0	0	0	0	6.94
ENE	5.95	0	0	0	0	5.95
E	5.67	0	0	0	0	5.67
ESE	8.92	0	0	0	0	8.92
SE	3.12	0	0	0	0	3.12
SSE	8.36	0	0	0	0	8.36
S	13.03	0	0	0	0	13.03
SSW	6.23	0	0	0	0	6.23
SW	3.68	0	0	0	0	3.68
WSW	3.12	0	0	0	0	3.12
W	1.7	0	0	0	0	1.7
WNW	0.57	0	0	0	0	0.57
NW	1.42	0	0	0	0	1.42
NNW	5.24	0	0	0	0	5.24
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

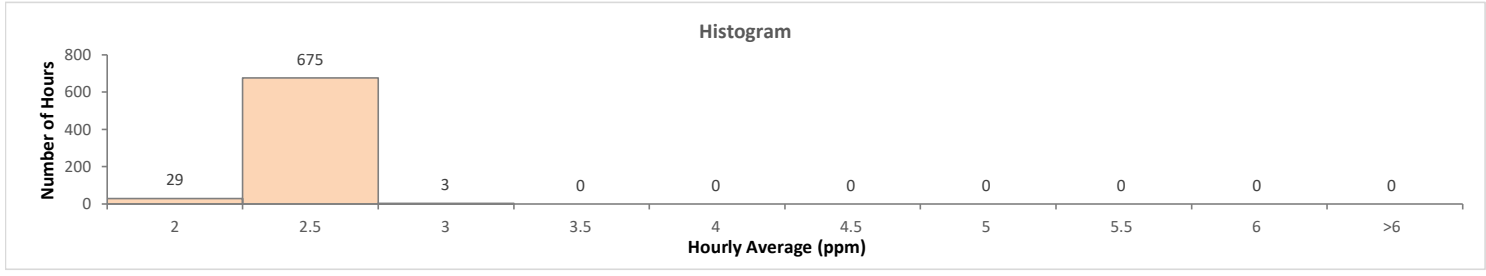
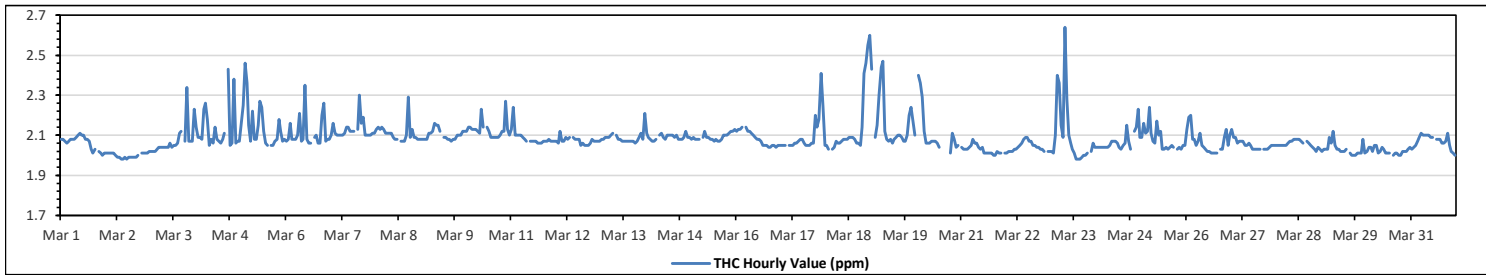
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.64 ppm	on Mar 23 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.16 ppm	on Mar 19	Hours of Data:	707
Minimum Hourly Value:	1.98 ppm	on Mar 2 at hr 8	Hours of Missing Data:	0
Minimum Daily Value:	2.00 ppm	on Mar 2	Hours of Calibration:	37
Monthly Average:	2.08 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				
Mar 1	2.08	2.08	2.07	2.06	2.07	2.08	2.08	2.08	2.09	2.10	2.11	2.10	2.10	2.08	2.08	2.07	2.03	2.01	2.03	S	2.02	2.01	2.00	2.01	2.00	2.11	2.06				
Mar 2	2.01	2.01	2.01	2.01	2.01	2.00	1.99	1.99	1.98	1.98	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	2.00	S	2.01	2.01	2.01	2.01	2.01	2.02	1.98	2.02	2.00		
Mar 3	2.02	2.02	2.02	2.03	2.04	2.04	2.04	2.04	2.04	2.06	2.06	2.04	2.05	2.05	2.06	2.11	2.12	S	2.07	2.34	2.07	2.07	2.07	2.07	2.23	2.02	2.34	2.07			
Mar 4	2.14	2.09	2.09	2.08	2.23	2.26	2.18	2.05	2.08	2.06	2.14	2.08	2.07	2.06	2.08	2.11	S	2.43	2.05	2.06	2.38	2.06	2.07	2.07	2.05	2.43	2.13	2.05			
Mar 5	2.16	2.25	2.46	2.36	2.15	2.07	2.22	2.08	2.08	2.15	2.27	2.24	2.12	2.06	2.05	S	2.05	2.05	2.07	2.08	2.18	2.12	2.07	2.08	2.05	2.46	2.15	2.05			
Mar 6	2.07	2.08	2.16	2.08	2.08	2.08	2.10	2.21	2.07	2.08	2.35	2.08	2.06	2.06	S	2.09	2.10	2.06	2.20	2.26	2.07	2.08	2.08	2.06	2.35	2.11	2.06	2.35	2.11		
Mar 7	2.10	2.16	2.11	2.10	2.10	2.10	2.11	2.14	2.14	2.12	2.12	2.12	S	2.13	2.30	2.16	2.19	2.10	2.10	2.10	2.11	2.11	2.10	2.11	2.10	2.30	2.13	2.10			
Mar 8	2.13	2.14	2.13	2.14	2.13	2.11	2.11	2.11	2.11	2.09	2.08	2.08	S	2.07	2.07	2.10	2.29	2.09	2.13	2.09	2.09	2.08	2.08	2.07	2.29	2.11	2.07	2.29	2.11		
Mar 9	2.08	2.08	2.08	2.08	2.11	2.11	2.12	2.16	2.15	2.15	2.12	S	2.09	2.09	2.08	2.08	2.07	2.08	2.08	2.10	2.10	2.10	2.12	2.12	2.07	2.16	2.10	2.10			
Mar 10	2.12	2.14	2.14	2.13	2.13	2.13	2.12	2.11	2.23	2.14	S	2.14	2.12	2.09	2.09	2.09	2.09	2.09	2.10	2.12	2.12	2.27	2.13	2.10	2.09	2.27	2.13	2.10			
Mar 11	2.13	2.24	2.10	2.10	2.10	2.10	2.09	2.08	2.07	S	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.07	2.07	2.07	2.08	2.07	2.07	2.06	2.24	2.09	2.06	2.24	2.09		
Mar 12	2.07	2.06	2.12	2.07	2.07	2.09	2.08	2.09	S	2.09	2.08	2.08	2.08	2.05	2.06	2.05	2.05	2.05	2.06	2.08	2.07	2.07	2.07	2.05	2.12	2.07	2.05	2.12	2.07		
Mar 13	2.08	2.08	2.09	2.09	2.09	2.10	2.11	S	2.10	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.09	2.11	2.08	2.21	2.06	2.21	2.09	2.06	2.21	2.09		
Mar 14	2.11	2.09	2.08	2.07	2.07	2.08	S	2.10	2.11	2.09	2.08	2.10	2.10	2.10	2.09	2.10	2.08	2.08	2.08	2.09	2.12	2.09	2.09	2.07	2.12	2.09	2.07	2.12	2.09		
Mar 15	2.08	2.09	2.08	2.08	2.08	S	2.09	2.12	2.09	2.09	2.08	2.08	2.07	2.08	2.07	2.08	2.10	2.10	2.10	2.11	2.12	2.12	2.13	2.07	2.13	2.07	2.13	2.09			
Mar 16	2.12	2.13	2.13	2.14	S	2.14	2.12	2.12	2.11	2.10	2.09	2.08	2.08	2.07	2.05	2.05	2.05	2.04	2.04	2.05	2.05	2.04	2.05	2.05	2.04	2.14	2.08	2.04	2.14	2.08	
Mar 17	2.05	2.05	2.05	S	2.05	2.05	2.06	2.06	2.07	2.08	2.08	2.06	2.05	2.05	2.05	2.06	2.06	2.06	2.06	2.06	2.10	2.14	2.18	2.41	2.24	2.05	2.05	2.41	2.10		
Mar 18	2.05	2.03	S	2.03	2.04	2.07	2.06	2.06	2.07	2.08	2.08	2.08	2.09	2.09	2.09	2.08	2.06	2.06	2.05	2.14	2.41	2.46	2.55	2.60	2.03	2.60	2.14	2.06	2.14		
Mar 19	2.43	S	2.09	2.15	2.30	2.44	2.47	2.12	2.08	2.07	2.08	2.06	2.08	2.09	2.10	2.10	2.09	2.07	2.07	2.10	2.20	2.24	2.17	2.10	2.06	2.47	2.16	2.01	2.40	NA	
Mar 20	S	2.40	2.36	2.29	2.12	2.06	2.06	2.06	2.07	2.07	2.06	2.04	C	C	C	C	C	C	C	2.01	2.11	2.08	2.04	2.05	S	2.01	2.00	2.08	2.03		
Mar 21	2.04	2.03	2.03	2.03	2.04	2.05	2.08	2.06	2.06	2.04	2.03	2.04	2.01	2.01	2.01	2.01	2.01	2.00	2.00	2.02	2.01	2.01	S	2.01	2.00	2.08	2.03	2.01	2.08	2.03	
Mar 22	2.01	2.02	2.02	2.02	2.03	2.03	2.04	2.05	2.06	2.08	2.09	2.09	2.07	2.07	2.05	2.05	2.04	2.04	2.03	2.03	2.02	S	2.02	2.02	2.01	2.09	2.04	2.01	2.09	2.04	
Mar 23	2.02	2.01	2.10	2.40	2.36	2.15	2.09	2.64	2.28	2.10	2.06	2.03	2.01	1.98	1.98	1.98	1.99	2.00	2.00	2.01	S	2.02	2.06	2.04	1.98	2.64	2.10	1.98	2.64	2.10	
Mar 24	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.07	2.07	2.06	2.04	2.03	2.05	2.06	2.15	2.07	2.03	S	2.12	2.14	2.23	2.09	2.03	2.23	2.07	2.03	2.23	2.07	2.03	
Mar 25	2.09	2.16	2.11	2.12	2.24	2.11	2.07	2.06	2.17	2.10	2.12	2.03	2.03	2.04	2.03	2.04	2.05	2.04	S	2.03	2.04	2.03	2.05	2.05	2.03	2.24	2.08	2.03	2.24	2.08	
Mar 26	2.13	2.19	2.20	2.08	2.08	2.05	2.07	2.11	2.05	2.04	2.03	2.02	2.02	2.01	2.01	2.01	2.01	S	2.03	2.03	2.09	2.13	2.05	2.10	2.01	2.20	2.07	2.01	2.20	2.07	
Mar 27	2.13	2.09	2.09	2.06	2.07	2.07	2.07	2.05	2.05	2.06	2.05	2.03	2.03	2.03	2.03	2.03	S	2.03	2.03	2.03	2.04	2.05	2.05	2.05	2.03	2.13	2.05	2.03	2.13	2.05	
Mar 28	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.07	2.06	S	2.07	2.06	2.05	2.04	2.03	2.02	2.04	2.03	2.02	2.08	2.06	2.02	2.08	2.06	
Mar 29	2.02	2.03	2.03	2.03	2.09	2.06	2.12	2.05	2.03	2.03	2.02	2.02	2.02	2.03	S	2.01	2.00	2.00	2.00	2.01	2.01	2.01	2.01	2.08	2.01	2.02	2.12	2.03	2.01	2.12	2.03
Mar 30	2.02	2.04	2.04	2.02	2.05	2.05	2.01	2.02	2.04	2.03	2.01	2.01	2.01	S	2.00	2.01	2.01	2.00	2.00	2.00	2.02	2.02	2.02	2.03	2.04	2.00	2.05	2.02	2.05	2.02	
Mar 31	2.03	2.04	2.05	2.07	2.09	2.11	2.10	2.10	2.10	2.09	2.09	S	2.08	2.08	2.08	2.06	2.06	2.06	2.06	2.07	2.11	2.05	2.02	2.01	2.00	2.00	2.11	2.07	2.00	2.11	2.07
Diurnal Maximum	2.43	2.40	2.46	2.40	2.36	2.44	2.47	2.64	2.28	2.15	2.35	2.24	2.12	2.10	2.13	2.30	2.16	2.43	2.20	2.34	2.41	2.46	2.55	2.60	2.06	2.47	2.16	2.01	2.40	NA	
Diurnal Average	2.09	2.10	2.10	2.10	2.10	2.10	2.10	2.09	2.08	2.09	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.08	2.10	2.10	2.10	2.09	2.06	2.11	2.07	2.00	2.11	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
X	InValid Data (Equipment Malfunction / Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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

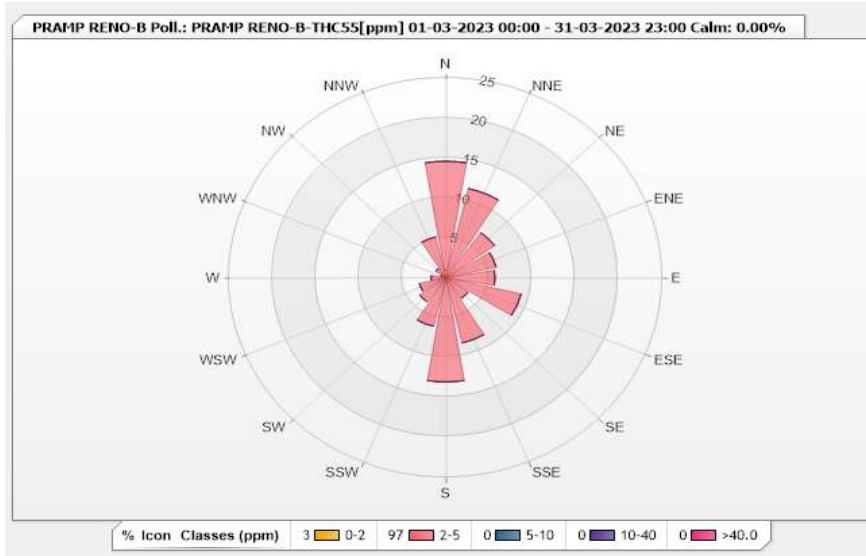


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-THC55[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.99	13.6	0	0	0	14.59
NNE	0	11.47	0	0	0	11.47
NE	0	6.94	0	0	0	6.94
ENE	0	5.95	0	0	0	5.95
E	0	5.67	0	0	0	5.67
ESE	0	8.92	0	0	0	8.92
SE	0	3.12	0	0	0	3.12
SSE	0	8.36	0	0	0	8.36
S	0	13.03	0	0	0	13.03
SSW	0	6.23	0	0	0	6.23
SW	0.42	3.26	0	0	0	3.68
WSW	0.85	2.27	0	0	0	3.12
W	0.42	1.27	0	0	0	1.69
WNW	0	0.57	0	0	0	0.57
NW	0	1.42	0	0	0	1.42
NNW	0	5.24	0	0	0	5.24
Summary	2.68	97.32	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - March 2023
Summary of Hourly Averages

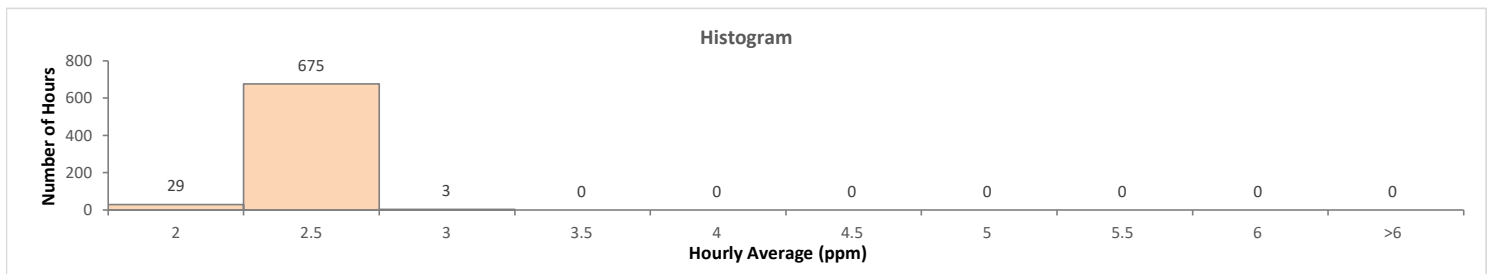
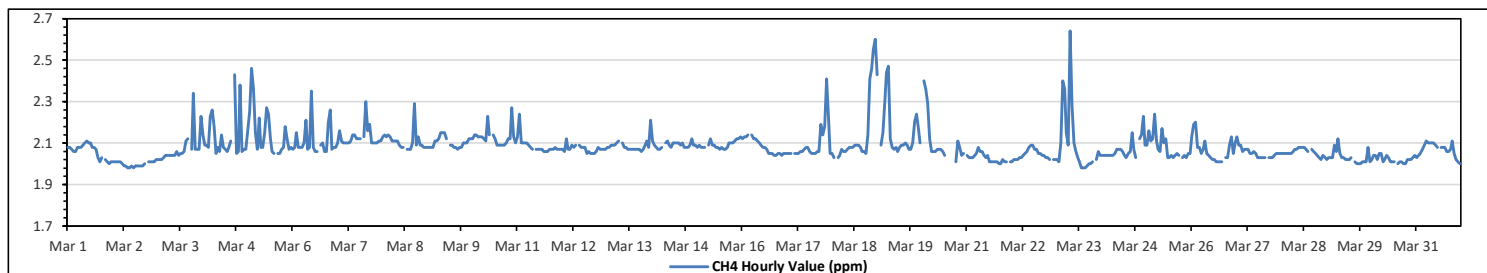
METHANE (CH4) in ppm

Maximum Hourly Value:	2.64 ppm on Mar 23 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.16 ppm on Mar 19	Hours of Data:	707
Minimum Hourly Value:	1.98 ppm on Mar 2 at hr 8	Hours of Missing Data:	0
Minimum Daily Value:	2.00 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.08 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	
Mar 1	2.08	2.08	2.07	2.06	2.06	2.08	2.08	2.08	2.09	2.10	2.11	2.10	2.10	2.08	2.08	2.07	2.03	2.01	2.03	S	2.02	2.01	2.00	2.01	2.00	2.11	2.06	
Mar 2	2.01	2.01	2.01	2.01	2.01	2.00	1.99	1.99	1.98	1.98	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	2.00	S	2.01	2.01	2.01	2.01	2.02	1.98	2.02	2.00
Mar 3	2.02	2.02	2.02	2.03	2.04	2.04	2.04	2.04	2.04	2.06	2.04	2.05	2.05	2.06	2.11	2.12	S	2.07	2.34	2.07	2.07	2.07	2.07	2.23	2.02	2.34	2.07	
Mar 4	2.14	2.09	2.09	2.08	2.23	2.26	2.18	2.05	2.08	2.06	2.14	2.08	2.07	2.06	2.08	2.11	S	2.43	2.05	2.06	2.38	2.06	2.07	2.07	2.05	2.43	2.13	
Mar 5	2.16	2.25	2.46	2.36	2.15	2.07	2.22	2.08	2.08	2.15	2.27	2.24	2.12	2.06	2.05	S	2.05	2.05	2.07	2.08	2.18	2.12	2.07	2.08	2.05	2.46	2.15	
Mar 6	2.07	2.08	2.15	2.08	2.08	2.08	2.10	2.21	2.07	2.08	2.35	2.08	2.06	2.06	S	2.09	2.10	2.06	2.20	2.26	2.07	2.08	2.08	2.06	2.35	2.11		
Mar 7	2.10	2.16	2.11	2.10	2.10	2.10	2.11	2.14	2.14	2.14	2.12	2.12	S	2.13	2.30	2.16	2.19	2.10	2.10	2.10	2.11	2.11	2.10	2.10	2.30	2.13		
Mar 8	2.13	2.14	2.13	2.14	2.13	2.11	2.11	2.11	2.11	2.09	2.08	2.08	S	2.07	2.07	2.10	2.29	2.09	2.13	2.09	2.09	2.08	2.08	2.07	2.29	2.11		
Mar 9	2.08	2.08	2.08	2.08	2.11	2.11	2.12	2.15	2.15	2.15	2.12	S	2.09	2.09	2.08	2.08	2.07	2.08	2.08	2.10	2.10	2.10	2.12	2.12	2.07	2.15	2.10	
Mar 10	2.12	2.14	2.14	2.13	2.13	2.13	2.12	2.11	2.23	2.14	S	2.14	2.12	2.09	2.09	2.09	2.09	2.09	2.10	2.12	2.12	2.27	2.13	2.10	2.09	2.27	2.13	
Mar 11	2.13	2.24	2.10	2.10	2.10	2.10	2.09	2.08	2.07	S	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.07	2.07	2.07	2.08	2.07	2.07	2.07	2.06	2.24	2.09	
Mar 12	2.07	2.06	2.12	2.07	2.07	2.09	2.08	2.09	S	2.09	2.08	2.08	2.08	2.05	2.06	2.05	2.05	2.05	2.06	2.08	2.07	2.07	2.07	2.05	2.12	2.07	2.07	
Mar 13	2.08	2.08	2.09	2.09	2.09	2.10	2.11	S	2.10	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.07	2.09	2.11	2.08	2.21	2.06	2.21	2.09	
Mar 14	2.11	2.09	2.08	2.07	2.07	2.08	S	2.10	2.11	2.09	2.08	2.10	2.10	2.10	2.09	2.10	2.08	2.08	2.08	2.09	2.12	2.09	2.09	2.07	2.12	2.09	2.07	
Mar 15	2.08	2.09	2.08	2.08	2.08	S	2.09	2.12	2.09	2.09	2.08	2.08	2.07	2.08	2.07	2.08	2.10	2.10	2.10	2.11	2.12	2.12	2.13	2.07	2.13	2.09	2.11	
Mar 16	2.12	2.13	2.13	2.14	S	2.14	2.12	2.12	2.11	2.10	2.09	2.08	2.08	2.07	2.05	2.05	2.05	2.04	2.04	2.05	2.05	2.04	2.05	2.05	2.04	2.14	2.08	
Mar 17	2.05	2.05	2.05	S	2.05	2.05	2.06	2.06	2.07	2.08	2.08	2.06	2.05	2.05	2.05	2.06	2.06	2.19	2.14	2.18	2.41	2.22	2.05	2.05	2.41	2.09	2.09	
Mar 18	2.05	2.03	S	2.03	2.04	2.07	2.06	2.06	2.07	2.08	2.08	2.08	2.09	2.09	2.09	2.08	2.06	2.06	2.05	2.14	2.41	2.46	2.55	2.60	2.03	2.60	2.14	
Mar 19	2.43	S	2.09	2.15	2.30	2.44	2.47	2.12	2.08	2.07	2.08	2.06	2.08	2.09	2.09	2.10	2.09	2.07	2.07	2.10	2.20	2.24	2.17	2.10	2.06	2.47	2.16	
Mar 20	S	2.40	2.36	2.29	2.12	2.06	2.06	2.06	2.07	2.07	2.07	2.06	2.04	C	C	C	C	C	2.01	2.11	2.08	2.04	2.05	S	2.01	2.40	NA	
Mar 21	2.04	2.03	2.03	2.03	2.04	2.05	2.08	2.06	2.06	2.04	2.03	2.04	2.01	2.01	2.01	2.01	2.00	2.00	2.02	2.01	2.01	S	2.01	2.00	2.08	2.03	2.03	
Mar 22	2.01	2.02	2.02	2.02	2.03	2.03	2.04	2.05	2.06	2.08	2.09	2.09	2.07	2.07	2.05	2.05	2.04	2.04	2.03	2.03	2.02	S	2.02	2.02	2.01	2.09	2.04	
Mar 23	2.02	2.01	2.10	2.40	2.36	2.15	2.09	2.64	2.28	2.10	2.06	2.03	2.01	1.98	1.98	1.98	1.99	2.00	2.00	2.01	S	2.02	2.06	2.04	1.98	2.64	2.10	
Mar 24	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.07	2.07	2.07	2.06	2.04	2.03	2.05	2.06	2.15	2.07	2.03	S	2.12	2.14	2.23	2.09	2.03	2.23	2.07	2.07	
Mar 25	2.09	2.16	2.11	2.12	2.24	2.11	2.07	2.06	2.17	2.10	2.12	2.03	2.03	2.04	2.03	2.04	2.05	2.04	S	2.03	2.04	2.03	2.05	2.05	2.03	2.24	2.08	
Mar 26	2.13	2.19	2.20	2.08	2.08	2.05	2.07	2.11	2.05	2.04	2.03	2.02	2.02	2.01	2.01	2.01	S	2.03	2.03	2.03	2.09	2.13	2.05	2.10	2.01	2.20	2.07	
Mar 27	2.13	2.09	2.09	2.06	2.07	2.07	2.07	2.05	2.05	2.06	2.05	2.03	2.03	2.03	2.03	2.03	S	2.03	2.03	2.03	2.04	2.05	2.05	2.05	2.03	2.13	2.05	
Mar 28	2.05	2.05	2.05	2.05	2.05	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.07	2.06	S	2.07	2.06	2.05	2.04	2.03	2.02	2.04	2.03	2.02	2.08	2.06	
Mar 29	2.02	2.03	2.03	2.03	2.09	2.06	2.12	2.05	2.03	2.03	2.02	2.02	2.02	2.03	S	2.01	2.00	2.00	2.00	2.01	2.01	2.01	2.08	2.01	2.02	2.12	2.03	
Mar 30	2.02	2.04	2.04	2.02	2.05	2.05	2.01	2.02	2.04	2.03	2.01	2.01	2.01	S	2.00	2.01	2.01	2.00	2.00	2.02	2.02	2.02	2.03	2.04	2.00	2.05	2.02	
Mar 31	2.03	2.04	2.05	2.07	2.09	2.11	2.10	2.10	2.10	2.10	2.09	2.08	S	2.08	2.08	2.08	2.06	2.06	2.07	2.11	2.05	2.02	2.01	2.00	2.00	2.11	2.07	
Diurnal Maximum	2.43	2.40	2.46	2.40	2.36	2.44	2.47	2.64	2.28	2.15	2.35	2.24	2.12	2.10	2.13	2.30	2.16	2.43	2.19	2.34	2.41	2.46	2.55	2.60	2.03	2.60	2.14	
Diurnal Average	2.09	2.10	2.10	2.10	2.10	2.10	2.10	2.09	2.08	2.09	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.08	2.10	2.10	2.09	2.09	2.06	2.47	2.16	

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

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

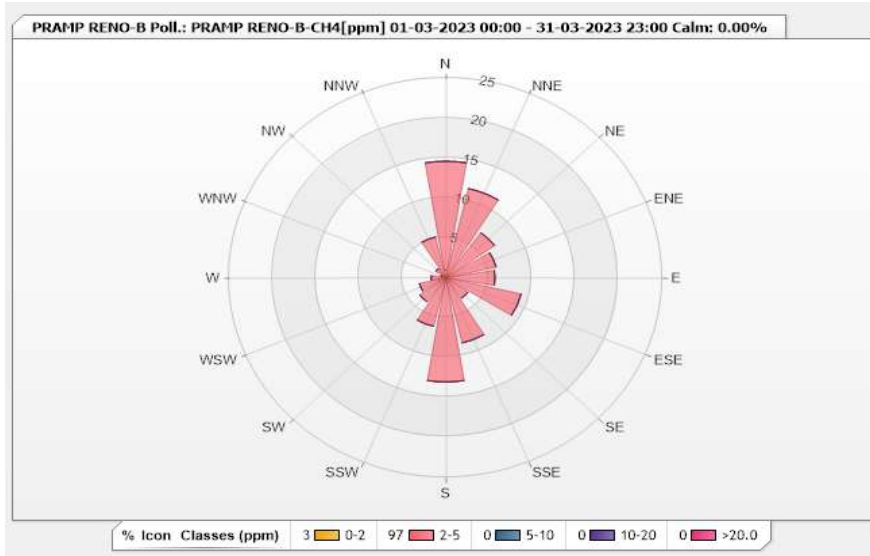


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-CH4[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.99	13.6	0	0	0	14.59
NNE	0	11.47	0	0	0	11.47
NE	0	6.94	0	0	0	6.94
ENE	0	5.95	0	0	0	5.95
E	0	5.67	0	0	0	5.67
ESE	0	8.92	0	0	0	8.92
SE	0	3.12	0	0	0	3.12
SSE	0	8.36	0	0	0	8.36
S	0	13.03	0	0	0	13.03
SSW	0	6.23	0	0	0	6.23
SW	0.42	3.26	0	0	0	3.68
WSW	0.85	2.27	0	0	0	3.12
W	0.42	1.27	0	0	0	1.69
WNW	0	0.57	0	0	0	0.57
NW	0	1.42	0	0	0	1.42
NNW	0	5.24	0	0	0	5.24
Summary	2.68	97.32	0	0	0	100

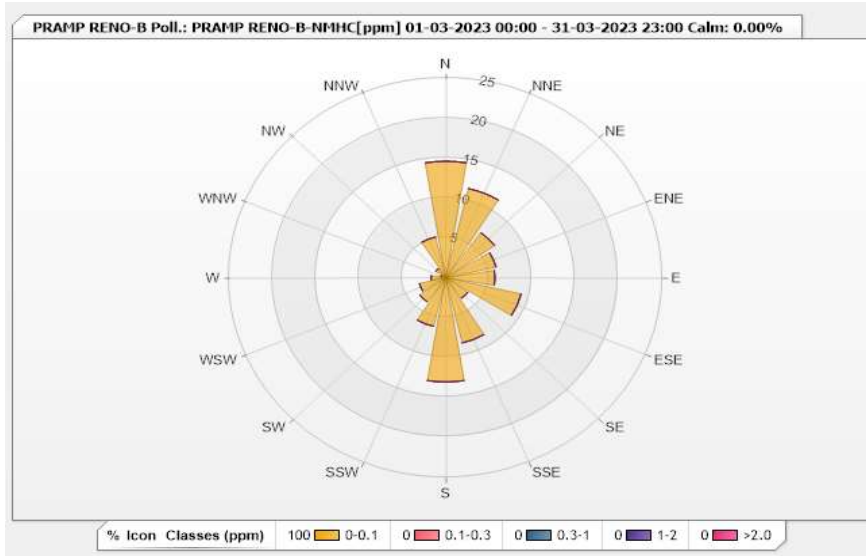


Station: PRAMP RENO-B Poll.: PRAMP RENO-B-NMHC[ppm] Monthly: 03-2023

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

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

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	14.59	0	0	0	0	14.59
NNE	11.47	0	0	0	0	11.47
NE	6.94	0	0	0	0	6.94
ENE	5.95	0	0	0	0	5.95
E	5.67	0	0	0	0	5.67
ESE	8.92	0	0	0	0	8.92
SE	3.12	0	0	0	0	3.12
SSE	8.36	0	0	0	0	8.36
S	13.03	0	0	0	0	13.03
SSW	6.23	0	0	0	0	6.23
SW	3.68	0	0	0	0	3.68
WSW	3.12	0	0	0	0	3.12
W	1.7	0	0	0	0	1.7
WNW	0.57	0	0	0	0	0.57
NW	1.42	0	0	0	0	1.42
NNW	5.24	0	0	0	0	5.24
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

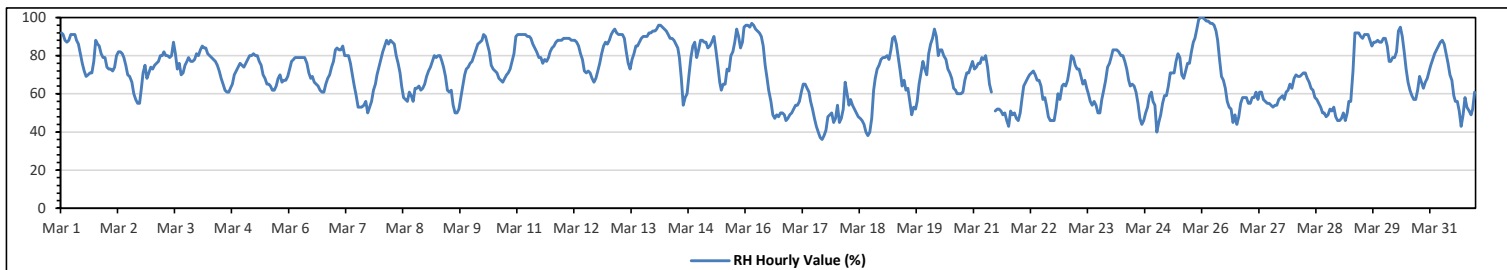
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	100 %	on Mar 25 at hr 23	Hours in Service:	744
Maximum Daily Value:	87.6 %	on Mar 13	Hours of Data:	743
Minimum Hourly Value:	36 %	on Mar 17 at hr 16	Hours of Missing Data:	1
Minimum Daily Value:	50.4 %	on Mar 17	Hours of Calibration:	0
Monthly Average:	70.9 %		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	
Mar 1	92	91	88	87	88	91	91	91	88	86	81	76	72	69	70	71	71	77	88	86	85	81	79	79	69	92	92	82.4
Mar 2	74	73	73	72	74	80	82	82	81	79	75	70	69	66	60	57	55	55	62	71	75	68	71	74	55	82	70.8	
Mar 3	73	75	76	77	80	80	82	80	80	79	80	87	81	73	76	70	71	75	77	79	77	77	78	81	70	87	77.7	
Mar 4	80	83	85	84	84	81	80	79	78	77	75	72	68	65	62	61	61	63	65	70	72	74	76	75	61	85	73.8	
Mar 5	74	76	78	80	80	81	80	80	77	75	70	68	65	65	64	62	62	64	68	70	66	67	67	69	62	81	71.2	
Mar 6	73	77	78	79	79	79	79	79	79	76	71	68	69	66	65	64	62	61	61	65	68	70	74	77	61	79	71.6	
Mar 7	83	84	83	83	85	80	80	80	76	70	64	59	53	53	53	54	56	50	53	56	62	65	70	74	50	85	67.8	
Mar 8	78	82	85	88	86	88	87	86	80	76	71	64	58	57	56	61	59	56	63	63	64	62	63	65	56	88	70.8	
Mar 9	69	72	74	77	80	79	80	80	77	74	69	62	61	62	54	50	50	52	58	64	70	73	74	76	50	80	68.2	
Mar 10	77	80	83	86	87	88	91	90	86	82	75	73	72	71	68	67	66	68	70	71	73	77	81	90	66	91	78.0	
Mar 11	91	91	91	91	91	90	89	86	84	82	79	79	79	76	78	77	79	82	84	85	87	88	88	88	76	91	85.3	
Mar 12	89	89	89	89	88	88	88	87	85	81	78	72	71	72	71	68	66	68	72	76	81	85	87	86	66	89	80.3	
Mar 13	88	91	93	94	92	91	91	89	82	76	73	78	81	85	85	87	89	90	90	90	92	92	93	73	94	87.6		
Mar 14	93	94	96	96	95	94	93	91	89	88	86	84	79	68	54	58	60	70	79	85	87	79	83	54	96	82.9		
Mar 15	88	88	87	87	84	85	87	90	83	75	66	62	65	65	73	72	80	82	87	94	90	84	87	95	62	95	81.5	
Mar 16	96	96	95	97	96	94	93	92	90	85	75	68	62	56	49	47	49	48	50	50	49	46	47	49	46	97	70.0	
Mar 17	50	52	54	54	56	61	65	65	63	61	56	52	47	43	40	37	36	38	41	48	49	50	45	47	36	65	50.4	
Mar 18	54	45	47	52	66	60	54	57	54	52	50	48	47	46	44	40	38	40	47	62	68	73	75	78	38	78	54.0	
Mar 19	79	79	80	78	83	89	90	86	79	72	64	67	62	63	56	49	53	52	56	65	71	77	73	70	49	90	70.5	
Mar 20	81	86	89	94	90	80	83	83	80	78	73	71	68	63	62	60	60	60	61	67	71	71	74	77	60	94	74.3	
Mar 21	73	74	76	76	79	78	80	74	65	61	K	51	52	52	51	49	50	46	43	51	49	50	47	46	43	80	59.7	
Mar 22	50	58	64	66	68	70	71	72	70	67	67	64	57	58	54	48	46	46	46	52	60	57	64	65	46	72	60.0	
Mar 23	64	67	73	80	79	75	73	73	69	65	67	63	60	56	54	56	54	50	50	52	62	67	74	76	50	80	65.2	
Mar 24	79	83	83	83	82	80	80	77	73	67	64	65	64	61	55	47	44	46	50	53	59	61	56	54	44	83	65.3	
Mar 25	40	45	49	55	59	59	64	71	71	71	77	81	79	70	68	72	76	76	82	87	89	94	99	100	40	100	72.3	
Mar 26	100	99	98	98	97	97	96	93	88	78	69	67	63	56	53	52	45	49	44	48	55	58	58	58	44	100	71.6	
Mar 27	55	55	58	58	61	57	61	61	57	56	55	55	54	53	54	54	57	58	59	57	61	62	65	63	53	65	57.8	
Mar 28	68	70	69	69	70	71	71	68	66	63	62	58	57	55	53	50	50	48	49	52	51	53	48	46	46	71	59.0	
Mar 29	46	47	50	46	50	56	56	72	92	92	90	89	91	91	91	88	85	87	87	88	87	87	89	46	92	77.0		
Mar 30	89	85	77	77	79	79	82	93	95	90	82	73	66	62	59	57	62	69	66	63	66	68	72	57	95	73.7		
Mar 31	75	78	81	83	85	87	88	86	81	76	70	67	59	56	56	51	43	49	58	53	51	49	52	61	43	88	66.5	
Diurnal Maximum	100	99	98	98	97	97	96	93	95	92	92	90	89	91	91	91	88	89	90	94	90	94	99	100				
Diurnal Average	74.9	76.3	77.5	78.6	79.8	79.6	80.3	80.6	78.3	74.8	71.5	68.1	65.5	63.3	61.4	59.1	59.0	59.8	63.2	66.9	69.1	70.0	70.9	72.8				

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

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

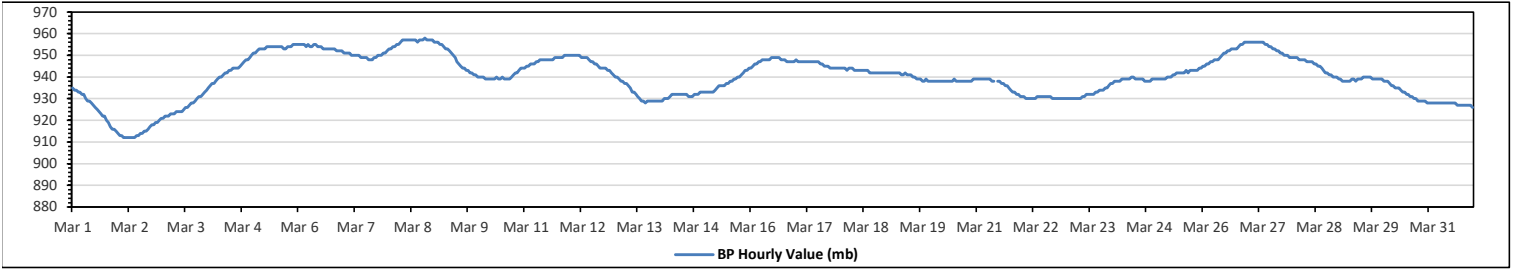
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	958	mb	on Mar 8 at hr 19	Hours in Service:	744
Maximum Daily Value:	956	mb	on Mar 8	Hours of Data:	743
Minimum Hourly Value:	912	mb	on Mar 2 at hr 3	Hours of Missing Data:	1
Minimum Daily Value:	915	mb	on Mar 2	Hours of Calibration:	0
Monthly Average:	940	mb		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
Mar 1	935	934	934	933	933	932	932	930	929	929	928	927	926	925	924	923	922	922	920	919	917	916	916	915	915	935	926
Mar 2	914	913	913	912	912	912	912	912	912	912	913	913	914	914	915	915	916	917	918	918	919	919	920	921	912	921	915
Mar 3	921	922	922	922	923	923	923	924	924	924	924	925	926	926	927	928	928	929	930	931	931	932	933	934	921	934	926
Mar 4	935	936	937	937	938	939	940	940	941	942	942	943	943	944	944	944	945	946	947	948	948	949	950	935	950	943	
Mar 5	951	951	952	953	953	953	953	954	954	954	954	954	954	954	954	954	953	953	954	954	955	955	955	955	951	955	954
Mar 6	955	955	955	955	954	955	954	954	955	955	955	954	954	954	953	953	953	953	953	953	952	952	952	952	952	955	954
Mar 7	951	951	951	951	950	950	950	950	949	949	949	949	949	948	948	948	949	949	950	950	950	951	951	952	948	952	950
Mar 8	953	953	954	954	955	955	956	957	957	957	957	957	957	957	957	956	957	957	957	958	957	957	957	957	953	958	956
Mar 9	956	956	956	955	955	954	953	953	952	951	950	949	947	946	945	944	944	943	943	942	942	941	941	940	940	956	948
Mar 10	940	940	940	939	939	939	939	939	939	940	939	939	940	939	939	939	939	940	941	942	942	943	944	944	939	944	940
Mar 11	944	945	945	946	946	947	947	948	948	948	948	948	948	948	948	949	949	949	949	949	950	950	950	949	949	950	948
Mar 12	950	950	950	950	950	949	949	949	949	949	948	947	947	946	946	945	944	944	944	944	944	943	943	942	941	941	947
Mar 13	940	940	939	938	938	937	937	936	935	933	933	932	931	930	929	929	928	929	929	929	929	929	929	929	928	940	933
Mar 14	929	929	930	930	930	931	932	932	932	932	932	932	932	932	932	931	931	931	931	932	932	932	933	933	929	933	931
Mar 15	933	933	933	933	933	934	935	936	936	936	936	937	937	938	938	939	939	940	940	940	941	942	943	943	933	944	937
Mar 16	944	945	946	946	947	947	948	948	948	948	948	949	949	949	949	949	948	948	948	947	947	947	947	947	944	949	947
Mar 17	948	947	947	947	947	947	947	947	947	947	947	947	947	946	946	945	945	945	944	944	944	944	944	944	944	948	946
Mar 18	944	944	944	943	944	944	944	943	943	943	943	943	943	943	943	942	942	942	942	942	942	942	942	942	942	944	943
Mar 19	942	942	942	942	942	942	942	941	941	941	941	941	941	940	940	939	939	939	938	938	938	938	938	938	938	942	940
Mar 20	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	939	938
Mar 21	939	939	939	939	939	939	939	939	938	938	938	938	937	937	937	936	936	935	934	933	933	932	932	931	931	939	937
Mar 22	931	931	930	930	930	930	930	930	931	931	931	931	931	931	931	931	930	930	930	930	930	930	930	930	930	931	930
Mar 23	930	930	930	930	930	930	930	930	931	931	931	932	932	932	932	932	933	933	934	934	934	935	935	936	937	930	937
Mar 24	937	938	938	938	938	939	939	939	939	939	940	940	939	939	939	939	939	939	938	938	938	938	939	939	939	937	940
Mar 25	939	939	939	939	939	940	940	940	941	941	942	942	942	942	942	943	942	943	943	943	943	943	944	944	939	944	941
Mar 26	945	945	946	946	947	947	948	948	948	949	950	951	951	952	952	953	953	953	953	954	955	955	956	956	945	956	951
Mar 27	956	956	956	956	956	956	956	956	956	955	955	954	954	953	953	952	952	951	951	950	950	949	949	949	949	956	953
Mar 28	949	949	949	948	948	948	948	947	947	947	947	946	946	945	945	944	943	942	942	941	941	940	940	940	940	949	945
Mar 29	939	939	938	938	938	938	938	939	939	939	938	939	939	939	940	940	940	940	939	939	939	939	939	939	938	940	939
Mar 30	938	938	938	937	936	936	935	935	935	934	933	933	932	932	931	931	930	930	929	929	929	929	929	928	928	938	933
Mar 31	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	927	927	927	927	927	927	927	927	926	926	928	928
Diurnal Maximum	956	956	956	956	956	956	957	957	957	957	957	957	957	957	956	957	957	957	957	958	957	957	957	957	957	957	957
Diurnal Average	940	941	941	940	941	941	941	941	941	941	941	941	941	940	940	940	940	940	940	940	940	940	940	940	940	940	940

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

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

AMBIENT TEMPERATURE (AT) in Degree Celsius

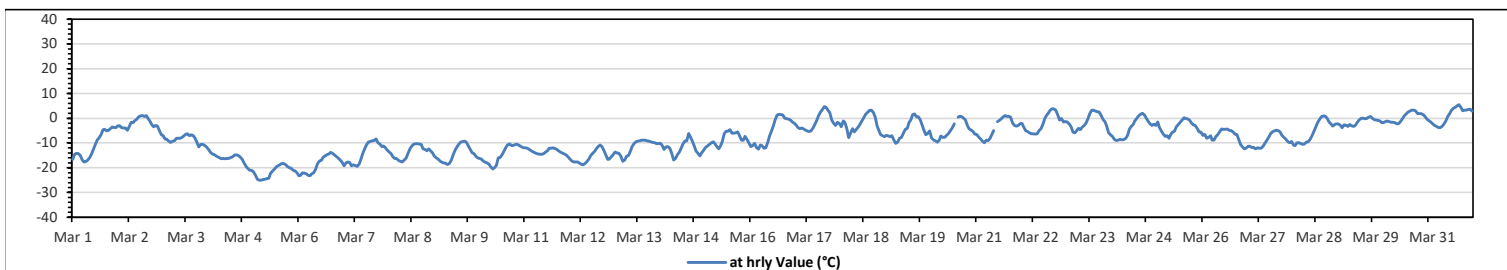
Maximum Hourly Value:	5.5	°C	on Mar 31 at hr 16	Hours in Service:	744
Maximum Daily Value:	1.0	°C	on Mar 31	Hours of Data:	742
Minimum Hourly Value:	-25.1	°C	on Mar 5 at hr 3	Hours of Missing Data:	2
Minimum Daily Value:	-21.6	°C	on Mar 5	Hours of Calibration:	0
Monthly Average:	-8.1	°C		Operational 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
Mar 1	-16.7	-14.6	-14.2	-14.3	-15	-16.6	-17.7	-17.5	-16.9	-16	-14.5	-12.5	-10.6	-8.7	-7.9	-6.5	-4.6	-4.5	-5.2	-4.9	-4.2	-3.6	-3.8	-3.9	-17.7	-3.6	-10.6
Mar 2	-3.1	-3.1	-3.9	-4	-4	-4.9	-3.4	-1.7	-1.8	-1	-0.5	0.5	0.9	1.1	0.7	1.1	0.1	-1.1	-2.5	-3.5	-3	-3.2	-5	-6.7	-6.7	1.1	-2.2
Mar 3	-7.1	-8.4	-8.5	-9.2	-9.8	-9.2	-9.1	-8.1	-8.1	-8.1	-7.7	-7.1	-6.4	-6.3	-7	-6.7	-7	-8	-9.6	-11.6	-10.6	-10.6	-10.9	-11.6	-11.6	-6.3	-8.6
Mar 4	-12.6	-13.6	-14.5	-14.8	-15.2	-15.6	-16	-16.4	-16.3	-16.4	-16.3	-16.2	-15.9	-15.6	-14.9	-14.9	-15.1	-15.7	-16.7	-18.2	-19.4	-20.2	-21.1	-21.1	-21.1	-12.6	-16.4
Mar 5	-21.7	-23	-24.6	-25.1	-25	-24.8	-24.6	-24.4	-24.2	-22.3	-21.4	-20.7	-19.7	-19.3	-18.8	-18.3	-18.3	-18.7	-19.5	-20	-20.2	-21	-21.3	-22	-25.1	-18.3	-21.6
Mar 6	-23.2	-23.1	-22.1	-22.2	-22.4	-23.1	-23.3	-22.5	-22.1	-20.6	-18.4	-17.3	-17.1	-15.7	-15.2	-14.8	-14.5	-13.8	-14.2	-14.9	-15.4	-16.1	-17	-17.8	-23.3	-13.8	-18.6
Mar 7	-19.3	-18.1	-17.7	-17.9	-19.2	-18.9	-19.1	-19.4	-18.6	-16.9	-14.4	-12.5	-10.8	-9.7	-9.4	-9.1	-9	-8.4	-9.9	-10.5	-11.4	-11.2	-11.9	-12.9	-19.4	-8.4	-14.0
Mar 8	-13.6	-14.3	-15.4	-16.2	-16.2	-17.1	-17.4	-17.6	-17	-16.1	-14.2	-12.4	-11.2	-10.6	-10.4	-10.3	-10.5	-10.6	-12.4	-12.7	-13.1	-12.4	-13.2	-14.1	-17.6	-10.3	-13.7
Mar 9	-15.3	-16	-16.5	-17.2	-17.8	-18	-18.2	-18.7	-18.3	-17.1	-14.9	-12.9	-11.6	-10.5	-9.7	-9.4	-9.2	-9.7	-11	-12.5	-13.9	-14.3	-15.2	-16	-18.7	-9.2	-14.3
Mar 10	-16.2	-16.5	-17.2	-17.8	-18.1	-18.6	-19.7	-20.5	-19.8	-19.1	-16	-15.8	-14.7	-13.2	-11.7	-10.7	-10.5	-11	-10.9	-10.6	-10.6	-10.9	-11.4	-11.8	-20.5	-10.5	-14.7
Mar 11	-12	-12	-12.4	-12.9	-13.4	-13.8	-14.2	-14.5	-14.6	-14.6	-14.3	-13.6	-13.1	-12.2	-12.1	-12	-12.3	-12.5	-13.1	-13.6	-14.1	-14.4	-14.9	-15.6	-15.6	-12.0	-13.4
Mar 12	-16.5	-17.2	-17.7	-17.7	-17.7	-18.1	-18.6	-18.9	-18.3	-17.5	-16.5	-15.1	-14.2	-13.4	-12.3	-11.4	-10.8	-11.4	-13	-14.9	-16.6	-16.5	-15.6	-14.7	-18.9	-10.8	-15.6
Mar 13	-13.7	-14	-14.2	-15.3	-17.4	-17	-15.3	-15	-13.3	-11.4	-10.4	-9.5	-9.3	-9.1	-8.9	-8.8	-8.8	-9.1	-9.2	-9.5	-9.8	-10	-10.4	-10.2	-17.4	-8.8	-11.7
Mar 14	-10.2	-10.9	-12.7	-11.6	-11.5	-12.1	-14.2	-17	-16.2	-14.8	-13.6	-12.3	-10.5	-9.2	-9.1	-6.2	-7.8	-9.1	-11	-13.2	-14.2	-15.2	-13.9	-12.9	-17.0	-6.2	-12.1
Mar 15	-11.7	-11.2	-10.6	-10	-9.5	-10.3	-11.4	-12.4	-11.3	-9.4	-6.3	-5.3	-5.3	-4.6	-6.1	-6.1	-6	-5.5	-7	-8.8	-8.8	-7.4	-8.5	-9.9	-12.4	-4.6	-8.5
Mar 16	-11.4	-11.1	-10.2	-11.8	-12.5	-10.8	-11.1	-12.1	-12	-9.8	-7	-5.2	-2.9	-0.8	1.2	1.6	1.4	1.3	0.1	-0.2	-0.4	-0.7	-1.5	-2	-12.5	1.6	-5.3
Mar 17	-2.8	-3.7	-4.2	-4	-4.2	-4.7	-5.1	-5.4	-5.1	-4.1	-2.5	-1	1	2.5	3.5	4.7	4.3	3.3	2.2	-0.8	-2	-3	-1.7	-2.1	-5.4	4.7	-1.5
Mar 18	-3.5	-1.2	-1.7	-4.1	-7.9	-6.1	-4.2	-5.6	-4.4	-3.8	-2.6	-1.2	0.2	1.6	2.4	3.1	3.3	2.4	0.4	-3.2	-5.2	-6.6	-7.1	-7.5	-7.9	3.3	-2.6
Mar 19	-6.9	-7	-7.5	-7	-8.7	-10.2	-9.7	-8.2	-7.7	-6.1	-4.4	-4.1	-1.7	-0.8	1.4	1.7	0.5	0.5	-0.7	-3	-5.1	-6.7	-6.2	-5.1	-10.2	1.7	-4.7
Mar 20	-8	-8.7	-9.1	-9.7	-8.8	-7.2	-7.7	-7.7	-6.9	-6.2	-5	-3.9	-2.2	K	0.4	0.8	0.5	0.1	-0.8	-2.9	-4.2	-4.7	-5.3	-6.4	-9.7	0.8	-4.9
Mar 21	-6.5	-7.6	-8.4	-9.2	-10	-8.8	-9	-8.2	-6.4	-5	K	-1.4	-0.9	-0.2	0.5	1.1	0.7	0.8	0.4	-1.9	-2.9	-3.2	-2.9	-2.1	-10.0	1.1	-4.0
Mar 22	-2.1	-3.6	-5	-5.4	-5.9	-6.3	-6.3	-6.4	-6.3	-5	-4.2	-2.4	0	1	2.1	3.3	3.8	3.8	3.3	1.4	-0.7	0	-1.5	-1.4	-6.4	3.8	-1.8
Mar 23	-1.5	-2.3	-3.5	-5.7	-6	-5.2	-4.1	-4.6	-3.6	-2.9	-1.9	-0.1	1.7	3.1	3.3	2.8	2.6	2.5	1.1	-0.5	-1.6	-3.1	-5.8	-6.7	-6.7	3.3	-1.8
Mar 24	-7.4	-8.5	-9	-8.8	-8.5	-8.7	-8.6	-8.1	-6.8	-4.5	-3.4	-2.6	-1.2	-0.1	0.9	1.6	2	1.3	0.1	-1.3	-2.3	-2.9	-2.4	-3	-9.0	2.0	-3.8
Mar 25	-1.6	-3.7	-5.1	-6.4	-7.3	-7.1	-8.1	-6.4	-5.7	-5.3	-3.5	-2.5	-1.7	-0.8	0.2	-0.1	-0.4	-0.7	-1.9	-2.7	-2.9	-4.1	-5.5	-5.7	-8.1	0.2	-3.7
Mar 26	-6.9	-6.5	-8.2	-7.7	-7	-8.9	-8.7	-7.4	-6.6	-5.6	-4.3	-4.4	-4.3	-4.8	-5	-5.6	-6.4	-6.5	-8.6	-10.7	-11.5	-12.4	-12.2	-12.4	-12.4	-4.3	-7.3
Mar 27	-11.3	-11.3	-11.8	-11.7	-12.4	-12	-12.1	-12.2	-11.3	-10.1	-8.9	-7.6	-6.2	-5.6	-5.1	-4.9	-5	-5.5	-6.9	-7.7	-8.5	-9.4	-9.9	-9.4	-12.4	-4.9	-9.0
Mar 28	-10.8	-11	-10	-9.9	-10.2	-10.6	-10.5	-9.7	-9.5	-8.5	-7.1	-5.3	-3.5	-1.7	-0.3	0.7	0.9	0.8	0.1	-1.5	-2.3	-3.2	-2.6	-2.2	-11.0	0.9	-5.3
Mar 29	-2.3	-2.8	-3.9	-2.7	-2.8	-3.3	-2.5	-3.1	-3.4	-3	-1.8	-0.8	-0.1	0.1	-0.2	0	0.4	0.6	-0.1	-0.6	-0.8	-0.9	-1.2	-1.8	-3.9	0.6	-1.5
Mar 30	-1.8	-1.4	-1.1	-1.4	-1.7	-1.7	-1.8	-2.2	-2.1	-1.3	0	1.1	1.9	2.5	2.9	3.2	3.3	2.8	1.9	1.9	1.9	1.5	0.7	-0.3	-2.2	3.3	0.4
Mar 31	-1	-1.6	-2.3	-2.9	-3.3	-3.8	-3.9	-3.4	-2.4	-1.2	0.6	1.9	3.2	4	4.5	5	5.5	4.4	3	3.3	3.3	3.5	3.7	2.9	-3.9	5.5	1.0
Diurnal Maximum	-1.0	-1.2	-1.1	-1.4	-1.7	-1.7	-1.8	-1.7	-1.8	-1.0	0.6	1.9	3.2	4.0	4.5	5.0	5.5	4.4	3.3	3.3	3.3	3.5	3.7	2.9			
Diurnal Average	-9.6	-9.9	-10.4	-10.8	-11.3	-11.4	-11.5	-11.5	-10.9	-9.8	-8.5	-7.2	-6.0	-5.2	-4.5	-4.0	-4.1	-4.4	-5.5	-6.7	-7.4	-7.8	-8.2	-8.6			

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

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

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

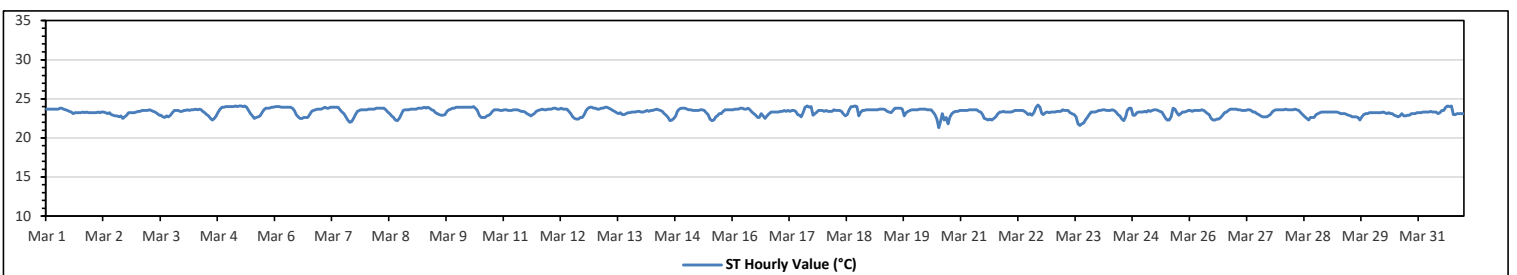
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	24.2	°C	on Mar 22 at hr 16	Hours in Service:	744
Maximum Daily Value:	23.6	°C	on Mar 5	Hours of Data:	744
Minimum Hourly Value:	21.3	°C	on Mar 20 at hr 12	Hours of Missing Data:	0
Minimum Daily Value:	23.0	°C	on Mar 23	Hours of Calibration:	0
Monthly Average:	23.3	°C		Operational Uptime:	100.0

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23
Mar 1	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.7	23.6	23.5	23.4	23.3	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.1	23.8	23.5
Mar 2	23.2	23.2	23.2	23.3	23.2	23.3	23.3	23.2	23.1	23.2	23.0	22.9	22.8	22.8	22.7	22.8	22.5	22.7	22.9	23.2	23.2	23.2	23.2	23.2	22.5	23.3	23.1
Mar 3	23.4	23.4	23.5	23.5	23.5	23.5	23.6	23.5	23.4	23.3	23.1	22.9	22.9	22.7	22.6	22.8	22.7	22.9	23.2	23.5	23.5	23.5	23.4	23.4	22.6	23.6	23.2
Mar 4	23.5	23.5	23.6	23.5	23.6	23.6	23.7	23.6	23.7	23.6	23.4	23.2	23.0	22.8	22.5	22.3	22.5	22.8	23.3	23.7	23.9	23.9	24.0	24.0	22.3	24.0	23.4
Mar 5	24.0	24.0	24.0	24.1	24.0	24.1	24.1	24.0	24.1	23.9	23.5	23.1	22.8	22.5	22.6	22.7	22.8	23.2	23.6	23.8	23.8	23.8	23.9	23.9	22.5	24.1	23.6
Mar 6	24.0	24.0	24.0	23.9	23.9	23.9	23.9	23.9	23.9	23.8	23.5	23.0	22.7	22.5	22.5	22.6	22.6	22.6	23.0	23.4	23.5	23.6	23.7	23.7	22.5	24.0	23.4
Mar 7	23.7	23.8	23.9	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.6	23.3	23.1	22.7	22.3	22.0	22.1	22.5	23.0	23.4	23.5	23.6	23.6	23.6	22.0	23.9	23.4
Mar 8	23.6	23.7	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.6	23.3	23.1	22.8	22.6	22.3	22.2	22.5	23.0	23.5	23.6	23.6	23.6	23.7	22.2	23.8	23.4
Mar 9	23.7	23.7	23.7	23.8	23.8	23.8	23.9	23.8	23.9	23.8	23.6	23.5	23.2	23.1	23.0	22.9	22.9	23.0	23.4	23.6	23.7	23.8	23.8	23.9	22.9	23.9	23.6
Mar 10	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	23.8	23.5	22.9	22.6	22.6	22.6	22.6	22.8	22.9	23.1	23.4	23.6	23.6	23.6	23.5	23.5	22.6	24.0	23.5
Mar 11	23.6	23.6	23.5	23.5	23.5	23.6	23.6	23.6	23.5	23.4	23.4	23.3	23.1	23.0	22.8	23.0	23.1	23.4	23.5	23.6	23.7	23.6	23.6	23.7	22.8	23.7	23.4
Mar 12	23.7	23.7	23.8	23.8	23.7	23.7	23.8	23.7	23.7	23.7	23.4	23.1	22.7	22.5	22.4	22.4	22.6	22.6	23.0	23.5	23.8	23.9	23.9	23.8	22.4	23.9	23.4
Mar 13	23.8	23.7	23.7	23.8	23.8	23.9	23.9	23.8	23.7	23.5	23.4	23.2	23.1	23.2	23.0	23.0	23.1	23.2	23.2	23.3	23.3	23.3	23.4	23.4	23.0	23.9	23.4
Mar 14	23.3	23.3	23.4	23.5	23.4	23.5	23.5	23.6	23.7	23.6	23.5	23.4	23.1	22.9	22.6	22.2	22.3	22.5	22.8	23.4	23.7	23.8	23.8	23.8	22.2	23.8	23.3
Mar 15	23.7	23.6	23.6	23.5	23.5	23.5	23.5	23.6	23.6	23.5	23.2	23.0	22.4	22.2	22.3	22.7	22.8	23.1	23.1	23.4	23.6	23.6	23.6	23.6	22.2	23.7	23.3
Mar 16	23.6	23.7	23.7	23.7	23.8	23.8	23.7	23.7	23.8	23.6	23.3	23.1	22.9	22.6	22.6	23.1	22.8	22.5	22.8	23.1	23.3	23.3	23.3	23.3	22.5	23.8	23.3
Mar 17	23.3	23.4	23.4	23.5	23.4	23.5	23.4	23.5	23.5	23.4	23.0	22.9	22.7	23.2	23.9	24.1	23.9	24.0	22.9	23.1	23.3	23.5	23.5	23.5	22.7	24.1	23.4
Mar 18	23.4	23.5	23.4	23.4	23.4	23.6	23.5	23.5	23.5	23.4	23.1	22.8	23.0	23.6	24.0	24.0	24.1	24.0	22.8	23.2	23.5	23.5	23.6	23.6	22.8	24.1	23.5
Mar 19	23.6	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.6	23.4	23.3	23.2	23.5	23.8	23.8	23.8	23.8	23.7	22.8	23.2	23.4	23.5	23.6	23.6	22.8	23.8	23.5
Mar 20	23.6	23.6	23.7	23.7	23.7	23.7	23.6	23.6	23.6	23.3	23.0	22.4	21.3	22.2	23.1	22.3	22.6	21.8	22.7	23.1	23.3	23.4	23.4	23.5	21.3	23.7	23.1
Mar 21	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.4	23.3	23.0	22.5	22.4	22.3	22.4	22.3	22.5	22.7	23.1	23.3	23.3	23.4	23.3	22.3	23.6	23.1
Mar 22	23.3	23.3	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.4	23.2	23.0	23.1	22.9	23.2	23.9	24.2	23.9	23.1	23.0	23.2	23.3	23.2	23.3	22.9	24.2	23.4
Mar 23	23.3	23.3	23.4	23.4	23.4	23.6	23.5	23.5	23.5	23.2	23.1	23.0	22.7	21.8	21.6	21.8	21.9	22.3	22.6	23.0	23.3	23.3	23.3	23.4	21.6	23.6	23.0
Mar 24	23.5	23.5	23.6	23.6	23.5	23.5	23.5	23.6	23.5	23.3	23.0	22.8	22.4	22.2	22.7	23.5	23.8	23.8	22.9	22.9	23.2	23.3	23.3	23.3	22.2	23.8	23.3
Mar 25	23.4	23.3	23.5	23.4	23.5	23.6	23.6	23.5	23.4	23.3	22.9	22.5	22.3	22.3	22.7	23.8	23.7	23.2	22.9	23.1	23.3	23.3	23.4	23.5	22.3	23.8	23.2
Mar 26	23.5	23.4	23.5	23.5	23.5	23.5	23.6	23.5	23.3	23.1	23.0	22.5	22.3	22.3	22.4	22.4	22.6	22.9	23.2	23.3	23.5	23.7	23.7	23.7	22.3	23.7	23.2
Mar 27	23.7	23.6	23.6	23.5	23.5	23.5	23.6	23.6	23.5	23.3	23.3	23.1	23.0	22.8	22.7	22.7	22.7	22.8	23.0	23.3	23.5	23.6	23.6	23.6	22.7	23.7	23.3
Mar 28	23.6	23.6	23.7	23.6	23.6	23.6	23.7	23.6	23.5	23.2	23.0	22.7	22.5	22.3	22.6	22.6	22.6	23.0	23.1	23.2	23.3	23.3	23.3	23.3	22.3	23.7	23.2
Mar 29	23.3	23.3	23.3	23.3	23.3	23.3	23.2	23.1	23.1	23.1	23.0	22.9	22.8	22.7	22.7	22.7	22.6	22.3	22.7	23.0	23.1	23.1	23.2	23.2	22.3	23.3	23.0
Mar 30	23.2	23.2	23.2	23.2	23.2	23.3	23.2	23.1	23.2	23.1	22.9	22.8	22.7	22.8	23.1	22.8	22.8	22.9	22.9	23.1	23.1	23.1	23.1	23.2	22.7	23.3	23.1
Mar 31	23.2	23.2	23.3	23.3	23.3	23.3	23.4	23.3	23.3	23.3	23.1	23.2	23.5	23.5	23.9	24.1	24.0	24.1	23.0	23.0	23.1	23.1	23.1	23.1	23.0	24.1	23.4
Diurnal Maximum	24.0	24.0	24.0	24.1	24.0	24.1	24.1	24.0	24.1	23.9	23.6	23.5	23.5	23.8	24.0	24.1	24.2	24.1	23.6	23.8	23.9	23.9	24.0	24.0			
Diurnal Average	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.5	23.3	23.0	22.8	22.7	22.8	22.9	22.9	23.0	23.0	23.3	23.4	23.5	23.5	23.5				

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

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

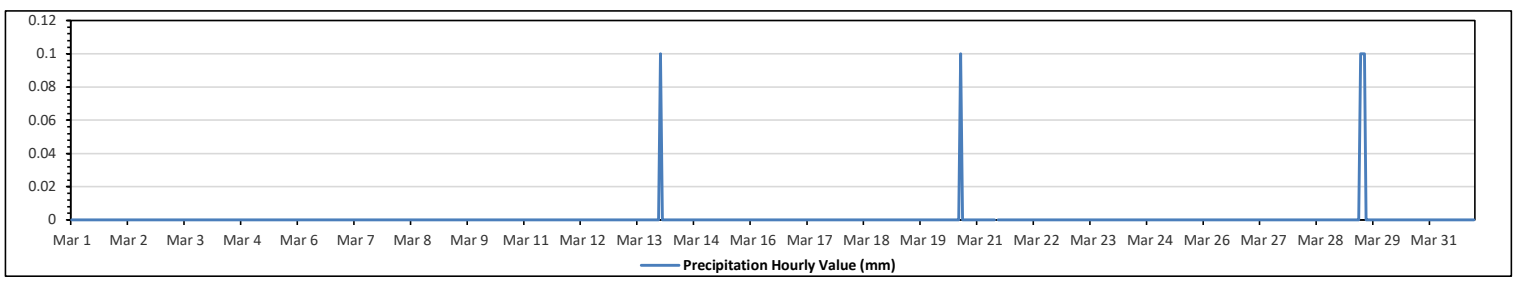
PRECIPITATION in mm

Maximum Hourly Value:	0.1 mm on Mar 14 at hr 0	Hours in Service:	744
Maximum Daily Value:	0.3 mm on Mar 29	Hours of Data:	743
Minimum Hourly Value:	0.0 mm on Mar 1 at hr 0	Hours of Missing Data:	1
Minimum Daily Value:	0.0 mm on Mar 1	Hours of Calibration:	0
Monthly Total:	0.5 mm	Operational Uptime:	99.9

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	
Mar 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	
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 14	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	0.1	0.1	
Mar 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	0.0
Mar 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	0.0
Mar 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Mar 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	0.0
Mar 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	0.0
Mar 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.0	0.1	0.1
Mar 21	0	0	0	0	0	0	0	0	0	0	K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 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	0.0
Mar 29	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1	0.3
Mar 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	0.0
Mar 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	0.0
Diurnal Maximum	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	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	0.0	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	0.0	0.0	0.0	0.0

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

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

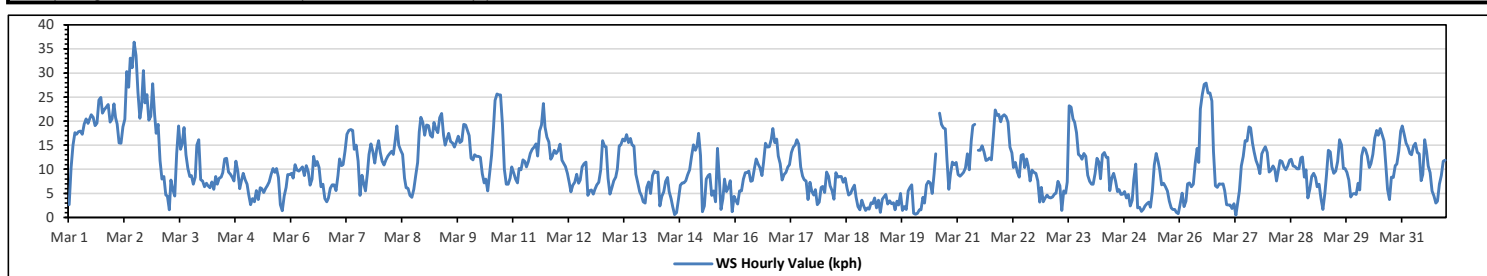
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	36.4 kph	on Mar 2 at hr 11	Hours in Service:	744
Maximum Daily Value:	24.3 kph	on Mar 2	Hours of Data:	742
Minimum Hourly Value:	0.5 kph	on Mar 27 at hr 6	Hours of Missing Data:	2
Minimum Daily Value:	3.4 kph	on Mar 19	Hours of Calibration:	0
Monthly Average:	2.3 kph		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
Mar 1	2.7	10.3	15.0	17.6	17.3	17.8	17.9	17.3	19.4	20.5	19.5	20.5	21.3	20.8	19.1	19.6	24.4	24.9	21.7	22.4	22.9	23.5	19.8	20.5	2.7	24.9	19.0
Mar 2	23.6	20.7	19.4	15.5	15.4	18.8	20.4	30.3	27.0	33.1	31.1	36.4	33.6	26.0	20.6	22.9	30.5	23.8	25.5	20.2	21.0	27.8	21.4	17.5	15.4	36.4	24.3
Mar 3	19.3	11.8	8.0	8.5	4.7	4.5	1.6	7.8	5.8	4.5	13.3	19.0	14.2	15.2	18.7	13.0	10.2	8.5	8.7	6.9	8.4	15.0	16.1	7.9	1.6	19.3	10.5
Mar 4	7.6	6.4	7.1	6.6	6.2	7.4	5.9	8.5	6.9	8.2	8.4	9.3	12.2	12.3	9.5	9.0	8.3	7.6	11.7	9.7	6.0	7.9	9.2	7.9	5.9	12.3	8.3
Mar 5	6.9	4.8	2.7	3.9	3.3	5.6	3.7	6.2	6.0	5.2	6.1	6.6	7.4	8.9	10.2	9.4	10.2	8.3	2.7	1.4	4.5	6.3	8.9	8.9	1.4	10.2	6.2
Mar 6	9.2	8.2	11.0	9.8	9.7	10.1	10.5	8.7	10.8	9.6	6.7	8.0	12.7	10.8	11.6	10.4	6.4	6.9	3.9	3.3	4.0	6.1	6.8	6.8	3.3	12.7	8.4
Mar 7	5.6	8.7	12.2	10.8	11.0	13.8	17.3	18.1	18.3	18.1	14.2	15.0	11.7	4.6	8.8	6.9	5.5	9.2	13.1	15.3	13.7	11.3	14.2	16.0	4.6	18.3	12.2
Mar 8	13.6	11.7	10.9	12.0	12.8	13.3	13.8	13.1	15.6	19.0	15.0	14.0	13.1	8.2	6.2	6.1	4.6	4.2	5.9	8.7	11.4	17.7	20.8	19.8	4.2	20.8	12.1
Mar 9	17.1	19.2	19.1	17.1	16.7	19.7	18.4	17.6	20.7	21.6	17.1	15.0	16.4	17.5	15.8	15.5	14.6	15.7	16.9	15.6	15.9	19.3	19.2	18.0	14.6	21.6	17.5
Mar 10	17.0	12.3	12.0	13.0	12.7	12.7	12.5	9.1	7.2	8.0	5.5	9.2	12.9	18.6	24.3	25.6	25.4	25.4	19.3	10.0	6.9	6.9	8.2	10.5	5.5	25.6	13.6
Mar 11	9.3	8.0	7.2	10.2	9.9	12.0	11.6	10.5	11.6	13.3	14.2	14.6	15.3	12.8	17.9	19.2	23.7	18.8	16.7	15.7	12.1	12.7	14.0	13.3	7.2	23.7	13.5
Mar 12	13.9	15.2	11.9	11.2	10.6	9.2	7.2	5.3	6.7	7.3	9.0	7.1	7.8	10.5	11.2	11.5	4.6	5.6	5.7	4.9	5.9	6.8	7.3	9.8	4.6	15.2	8.6
Mar 13	16.0	14.8	14.7	8.2	4.9	6.2	7.7	8.4	10.0	14.9	15.1	16.3	15.9	17.2	15.6	16.4	15.1	14.8	9.0	7.2	5.3	4.5	3.3	3.0	3.0	17.2	11.0
Mar 14	6.3	7.4	5.0	8.7	9.7	9.3	9.5	2.4	4.4	5.3	7.5	8.3	5.4	3.9	2.3	0.6	1.0	3.7	6.7	7.2	7.2	7.7	8.9	9.9	0.6	9.9	6.2
Mar 15	12.7	15.1	14.0	14.8	17.5	12.9	1.2	2.4	8.0	8.7	9.0	4.6	5.5	3.3	14.4	7.8	1.7	3.9	8.0	5.4	6.2	7.7	1.2	4.4	1.2	17.5	7.9
Mar 16	3.5	2.8	5.5	5.5	8.0	9.3	9.3	9.7	7.5	7.7	10.0	12.2	11.1	10.3	8.7	11.4	15.4	14.6	14.7	16.2	18.5	15.6	16.3	12.8	2.8	18.5	10.7
Mar 17	11.2	7.8	8.9	9.4	10.5	11.0	13.5	14.6	15.1	16.1	15.2	10.5	8.6	7.9	7.6	3.7	7.3	5.4	4.7	5.8	2.7	3.2	6.3	6.5	2.7	16.1	8.9
Mar 18	5.2	9.5	8.6	6.6	5.6	3.8	9.3	8.4	8.5	8.5	7.3	8.2	6.1	4.7	5.0	6.0	6.7	4.3	2.3	1.6	3.6	2.4	1.5	2.0	1.5	9.5	5.7
Mar 19	1.8	3.1	2.9	4.1	2.0	3.6	1.1	3.8	4.3	4.8	2.8	3.5	2.9	3.1	1.6	3.4	2.6	5.0	1.5	2.3	1.7	5.5	6.2	6.8	1.1	6.8	3.4
Mar 20	0.9	0.7	0.9	1.6	1.6	4.2	3.0	6.8	7.5	7.2	5.0	9.1	13.2	K	21.7	19.3	18.6	18.4	12.2	5.9	9.0	11.5	11.0	11.4	0.7	21.7	8.7
Mar 21	8.9	8.6	8.9	9.4	10.3	13.2	9.9	15.9	19.1	19.3	K	14.0	14.0	14.9	13.6	11.8	12.0	12.4	12.0	16.9	22.3	21.2	21.4	19.9	8.6	22.3	14.3
Mar 22	21.0	21.3	20.9	19.7	14.6	13.4	10.4	11.4	9.5	8.4	12.9	13.1	10.4	12.2	10.7	7.6	9.8	9.4	9.2	7.6	3.2	6.3	3.3	4.1	3.2	21.3	11.3
Mar 23	4.7	4.2	4.1	4.3	4.9	5.1	7.5	6.6	1.5	5.5	5.1	7.4	23.2	22.9	20.5	19.8	17.6	13.1	12.8	12.1	13.3	12.7	8.8	7.5	1.5	23.2	10.2
Mar 24	6.9	6.9	9.1	12.3	11.5	8.1	13.0	13.5	12.5	12.5	5.6	8.2	9.2	7.6	5.4	5.8	4.8	4.9	5.4	4.1	4.8	2.4	3.6	7.9	2.4	13.5	7.8
Mar 25	11.1	2.0	2.1	1.3	1.8	2.4	2.9	3.2	2.1	5.4	10.9	13.3	11.6	9.9	6.8	7.1	6.4	5.5	3.4	2.0	1.7	1.7	1.1	0.8	0.8	13.3	4.9
Mar 26	2.9	5.1	2.3	3.4	7.0	7.2	6.4	6.9	11.3	14.4	11.4	22.5	25.5	27.6	27.9	25.8	24.2	13.7	6.6	6.3	7.0	6.9	7.0	2.3	27.9	12.7	
Mar 27	5.6	2.7	2.6	2.6	1.9	2.9	0.5	3.2	5.5	10.7	12.7	16.0	15.9	18.8	18.6	15.4	13.6	11.8	10.8	9.1	13.2	14.1	14.7	13.5	0.5	18.8	9.9
Mar 28	9.5	9.8	10.7	9.9	7.6	9.9	11.8	11.6	10.5	9.9	10.7	11.9	12.1	10.7	10.6	10.1	10.1	12.4	12.6	8.4	9.9	4.1	5.9	8.5	4.1	12.6	10.0
Mar 29	9.2	8.3	6.4	6.9	3.9	1.7	5.0	8.7	14.0	13.6	10.5	9.2	9.7	11.6	16.1	15.1	10.2	10.2	9.4	7.8	4.3	4.9	5.0	4.8	1.7	16.1	8.6
Mar 30	7.1	5.7	12.8	14.5	14.1	12.8	10.4	11.2	13.1	16.5	18.1	17.1	18.5	17.2	15.9	11.4	5.9	3.7	8.4	8.3	10.8	11.1	13.8	17.9	3.7	18.5	12.3
Mar 31	19.0	17.3	15.4	14.6	13.3	13.0	14.8	15.4	13.5	13.2	7.7	8.9	16.1	13.7	10.7	9.3	5.5	4.5	3.0	3.4	6.9	8.7	11.7	11.9	3.0	19.0	11.3
Diurnal Maximum	23.6	21.3	20.9	19.7	17.5	19.7	20.4	30.3	27.0	33.1	31.1	36.4	33.6	27.6	27.9	25.8	30.5	25.4	25.5	22.4	22.9	27.8	21.4	20.5			
Diurnal Average	10.0	9.4	9.4	9.5	9.1	9.5	9.3	10.2	10.8	12.0	11.3	12.5	13.3	12.8	13.1	12.2	11.6	11.0	10.1	8.8	9.1	10.1	10.2	10.2			

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

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

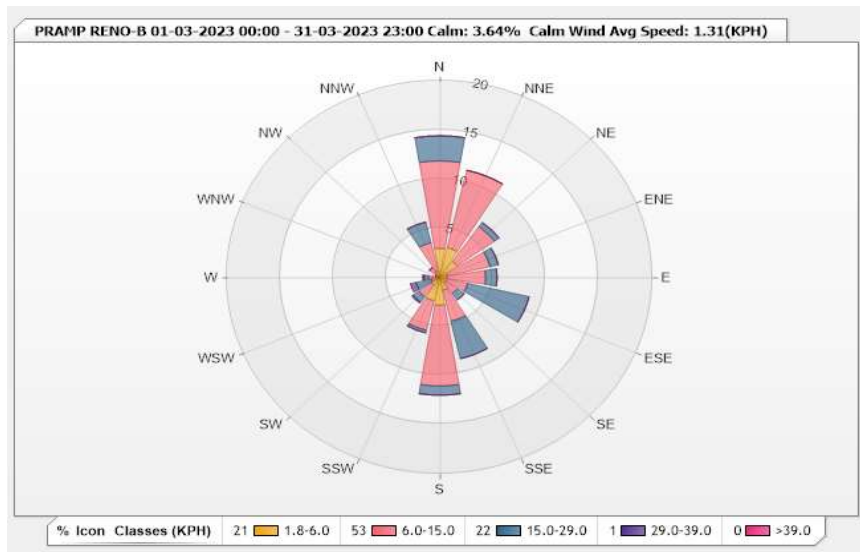


Station: PRAMP RENO-B Monitor: WDS [KPH] Monthly: 03-2023

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

Calm (WS<1.8kph): 3.64% Valid Data: 99.73%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	2.96	8.89	2.56	0	0	14.41
NNE	3.1	8.09	0	0	0	11.19
NE	2.02	4.31	0.54	0	0	6.87
ENE	0.67	4.18	0.81	0	0	5.66
E	0.67	3.64	1.08	0	0	5.39
ESE	0.67	2.02	5.93	0	0	8.62
SE	0.67	1.35	0.81	0	0	2.83
SSE	1.35	3.23	3.91	0	0	8.49
S	2.83	8.22	0.94	0	0	11.99
SSW	2.43	3.1	0.27	0	0	5.8
SW	0.94	1.48	0.67	0.13	0	3.22
WSW	0.27	0.54	1.48	0.54	0	2.83
W	0.67	0.4	0.4	0.13	0	1.6
WNW	0.13	0.27	0	0	0	0.4
NW	0.54	0.67	0	0	0	1.21
NNW	0.67	2.96	2.16	0	0	5.79
Summary	20.59	53.35	21.56	0.8	0	96.3



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

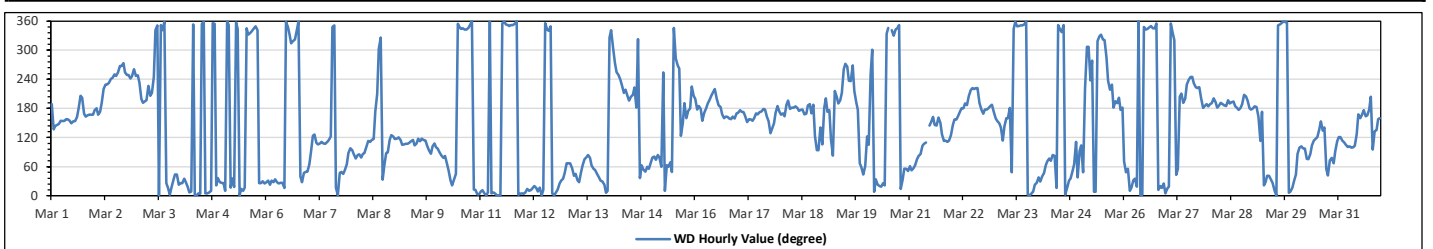
WIND DIRECTION (VWD) in sector

Monthly Average:	92 (E) degree	Hours in Service:	744
		Hours of Data:	742
		Hours of Missing Data:	2
		Hours of Calibration:	0
		Operational Uptime:	99.7

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
Mar 1	S	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	SSW	SSE	SSE	SSE	SSE	SSE	SSE	163	SSE
Mar 2	S	S	SSE	S	S	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	238	SW
Mar 3	WSW	SW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	N	N	NNW	N	NNE	NNE	N	NNE	NNE	NE	NE	NNE	348	NNW
Mar 4	NNE	NNE	NE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NE	NNE	NNE	10	N
Mar 5	NNE	N	N	N	NNE	NE	NNE	N	NNW	N	NNE	N	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNE	3	N
Mar 6	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	N	NNW	NNW	NW	NW	NW	NNW	N	NE	NNE	NE	NE	NE	12	NNE
Mar 7	ENE	E	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	NNW	N	NNE	N	NE	NE	NE	NE	ENE	E	89	E
Mar 8	E	E	ENE	E	E	ENE	E	E	ESE	ESE	ESE	ESE	ESE	S	SSW	WNW	NW	NNE	ENE	E	E	ESE	SE	ESE	101	E
Mar 9	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	ESE	E	109	ESE
Mar 10	E	E	E	ENE	E	ENE	NE	NNE	NNE	NNE	NE	N	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	N	N	16	NNE
Mar 11	N	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	359	N
Mar 12	N	N	NNE	N	NNE	NNE	NNE	NNE	N	NNE	N	NNE	N	NNW	NNW	NNW	N	N	N	NNE	NNE	NNE	NE	NE	9	N
Mar 13	ENE	ENE	ENE	ENE	NE	NE	NNE	NNE	NE	ENE	ENE	ENE	E	ENE	ENE	NE	NE	NE	NE	NNE	NNE	NNE	N	N	58	ENE
Mar 14	NW	NNW	NW	W	WSW	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	NW	NE	ENE	NE	ENE	NE	ENE	ENE	265	W
Mar 15	ENE	E	ENE	E	ENE	ENE	WSW	N	ENE	ENE	ENE	NE	NNW	W	W	ESE	SSE	S	SSE	S	S	SW	SSW	86	E	
Mar 16	SSW	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	176	S
Mar 17	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSE	SSE	SSE	SE	SE	SSE	S	S	164	SSE	
Mar 18	SSE	SSE	SSE	S	SSW	S	S	S	S	S	S	S	SSE	SSE	S	SSE	S	SSE	E	E	SE	ESE	E	SE	174	S
Mar 19	S	SSW	S	S	ESE	E	SW	SSW	S	SSW	SSW	W	W	SW	SW	W	SW	S	S	ENE	ENE	NE	ENE	188	S	
Mar 20	ESE	ESE	WSW	WNW	N	NE	NNE	NNE	NNE	NNE	NNW	NNW	K	NNW	NNW	NNW	NNW	N	NNE	NNE	NE	NE	NE	4	N	
Mar 21	ENE	NE	ENE	ENE	ENE	E	ESE	ESE	ESE	K	SE	SSE	SSE	SE	SE	SSE	SE	ESE	ESE	ESE	ESE	ESE	ESE	115	ESE	
Mar 22	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SW	SW	SW	SW	S	SSE	S	S	S	S	S	S	S	S	182	S
Mar 23	SSE	SSE	SSE	SE	ESE	SE	SSE	SSE	S	NE	NNW	N	NNW	N	N	N	N	N	N	N	N	N	NNE	NNE	6	N
Mar 24	NE	NNE	NE	NE	ENE	ENE	ENE	ENE	E	E	NNE	N	NNW	NNW	N	N	NNE	NNE	NE	NE	ENE	ESE	NE	E	47	NE
Mar 25	ESE	NE	SW	NW	NW	SW	W	N	N	NW	NNW	NNW	NW	NW	WNW	SW	SW	S	SSW	S	SSW	S	S	297	WNW	
Mar 26	ENE	NE	NE	N	NNE	NNE	NE	NNE	N	N	NNW	NNW	NNW	N	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	N	357	N	
Mar 27	NNE	NNE	N	NNW	NW	NE	NE	SSW	SSW	S	SSW	SW	WSW	WSW	WSW	SW	SW	SW	SW	SSW	S	S	S	218	SW	
Mar 28	S	S	SSW	S	S	S	S	S	S	S	SSW	S	S	SSW	S	S	S	S	S	SSW	SSW	SSW	S	S	190	S
Mar 29	S	S	S	SSE	ESE	S	NNE	NNE	NE	NE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	NNE	NNE	18	NNE
Mar 30	NE	E	E	E	E	E	ENE	ENE	E	ESE	ESE	ESE	ESE	SE	SSE	SE	SE	NE	NE	ENE	ENE	ENE	E	ESE	102	E
Mar 31	ESE	ESE	ESE	ESE	ESE	E	E	E	E	ESE	SE	SSE	SSE	SSE	S	SSE	SSE	S	SSW	E	SE	SSE	SSE	130	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
X	Invalid Data (Machine Malfunction /Recovery)	NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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



Peace River Area Monitoring Program

Reno-B Station - March 2023

Summary of Hourly Averages

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

WIND SPEED	
Maximum Hourly Value:	36.4 kph on Mar 2 at hr 11
Maximum Daily Value:	24.3 kph on Mar 2
Minimum Hourly Value:	0.5 kph on Mar 27 at hr 6
Minimum Daily Value:	3.4 kph on Mar 19
Monthly Average:	2.3 kph
Hours in Service:	744
Hours of Data:	742
Hours of Missing Data:	2
Hours of Calibration:	0
Operational Uptime:	99.7

WIND DIRECTION	
Monthly Average:	92 degree (E)

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
Mar 1	2.7	10.3	15.0	17.6	17.3	17.8	17.9	17.3	19.4	20.5	19.5	20.5	21.3	20.8	19.1	19.6	24.4	24.9	21.7	22.4	22.9	23.5	19.8	20.5	2.7	24.9	19.0
Mar 2	S	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	15.4	36.4	24.3
Mar 3	19.3	11.8	8.0	8.5	4.7	4.5	1.6	7.8	5.8	4.5	13.3	19.0	14.2	15.2	18.7	13.0	10.2	8.5	8.7	6.9	8.4	15.0	16.1	7.9	1.6	19.3	10.5
Mar 4	7.6	6.4	7.1	6.6	6.2	7.4	5.9	8.5	6.9	8.2	8.4	9.3	12.2	12.3	9.5	9.0	8.3	7.6	11.7	9.7	6.0	7.9	9.2	7.9	5.9	12.3	8.3
Mar 5	6.9	4.8	2.7	3.9	3.3	5.6	3.7	6.2	6.0	5.2	6.1	6.6	7.4	8.9	10.2	9.4	10.2	8.3	2.7	1.4	4.5	6.3	8.9	8.9	1.4	10.2	6.2
Mar 6	9.2	8.2	11.0	9.8	9.7	10.1	10.5	8.7	10.8	9.6	6.7	8.0	12.7	10.8	11.6	10.4	6.4	6.9	3.9	3.3	4.0	6.1	6.8	6.8	3.3	12.7	8.4
Mar 7	5.6	8.7	12.2	10.8	11.0	13.8	17.3	18.1	18.3	18.1	14.2	15.0	11.7	4.6	8.8	6.9	5.5	9.2	13.1	15.3	13.7	11.3	14.2	16.0	4.6	18.3	12.2
Mar 8	13.6	11.7	10.9	12.0	12.8	13.3	13.8	13.1	15.6	19.0	15.0	14.0	13.1	8.2	6.2	6.1	4.6	4.2	5.9	8.7	11.4	17.7	20.8	19.8	4.2	20.8	12.1
Mar 9	17.1	19.2	19.1	17.1	16.7	19.7	18.4	17.6	20.7	21.6	17.1	15.0	16.4	17.5	15.8	15.5	14.6	15.7	16.9	15.6	15.9	19.3	19.2	18.0	14.6	21.6	17.5
Mar 10	17.0	12.3	12.0	13.0	12.7	12.5	9.1	7.2	8.0	5.5	9.2	12.9	18.6	24.3	25.6	25.4	25.4	19.3	10.0	6.9	6.9	8.2	10.5	10.5	5.5	25.6	13.6
Mar 11	9.3	8.0	7.2	10.2	9.9	12.0	11.6	10.5	11.6	13.3	14.2	14.6	15.3	12.8	17.9	19.2	23.7	18.8	16.7	15.7	12.1	12.7	14.0	13.3	7.2	23.7	13.5
Mar 12	13.9	15.2	11.9	11.2	10.6	9.2	7.2	5.3	6.7	7.3	9.0	7.1	7.8	10.5	11.2	11.5	4.6	5.6	5.7	4.9	5.9	6.8	7.3	9.8	4.6	15.2	8.6
Mar 13	16.0	14.8	14.7	8.2	4.9	6.2	7.7	8.4	10.0	14.9	15.1	16.3	15.9	17.2	15.6	16.4	15.1	14.8	9.0	7.2	5.3	4.5	3.3	3.0	3.0	17.2	11.0
Mar 14	6.3	7.4	5.0	8.7	9.7	9.3	9.5	2.4	4.4	5.3	7.5	8.3	5.4	3.9	2.3	0.6	1.0	3.7	6.7	7.2	7.2	7.7	8.9	9.9	0.6	9.9	6.2
Mar 15	12.7	15.1	14.0	14.8	17.5	12.9	1.2	2.4	8.0	8.7	9.0	4.6	5.5	3.3	14.4	7.8	1.7	3.9	8.0	5.4	6.2	7.7	1.2	4.4	1.2	17.5	7.9
Mar 16	3.5	2.8	5.5	5.5	8.0	9.3	9.3	9.7	7.5	7.7	10.0	12.2	11.1	10.3	8.7	11.4	15.4	14.6	14.7	16.2	18.5	15.6	16.3	12.8	2.8	18.5	10.7
Mar 17	11.2	7.8	8.9	9.4	10.5	11.0	13.5	14.6	15.1	16.1	15.2	10.5	8.6	7.9	7.6	3.7	7.3	5.4	4.7	5.8	2.7	3.2	6.3	6.5	2.7	16.1	8.9
Mar 18	5.2	9.5	8.6	6.6	5.6	3.8	9.3	8.4	8.5	8.5	7.3	8.2	6.1	4.7	5.0	6.0	6.7	4.3	2.3	1.6	3.6	2.4	1.5	2.0	1.5	9.5	5.7
Mar 19	1.8	3.1	2.9	4.1	2.0	3.6	1.1	3.8	4.3	4.8	2.8	3.5	2.9	3.1	1.6	3.4	2.6	5.0	1.5	2.3	1.7	5.5	6.2	6.8	1.1	6.8	3.4
Mar 20	0.9	0.7	0.9	1.6	1.6	4.2	3.0	6.8	7.5	7.2	5.0	9.1	13.2	K	21.7	19.3	18.6	18.4	12.2	5.9	9.0	11.5	11.0	11.4	0.7	21.7	8.7
Mar 21	8.9	8.6	8.9	9.4	10.3	13.2	9.9	15.9	19.1	19.3	K	14.0	14.0	14.9	13.6	11.8	12.0	12.4	12.0	16.9	22.3	21.2	21.4	19.9	8.6	22.3	14.3
Mar 22	21.0	21.3	20.9	19.7	14.6	13.4	10.4	11.4	9.5	8.4	12.9	13.1	10.4	12.2	10.7	7.6	9.8	9.4	9.2	7.6	3.2	6.3	3.3	4.1	3.2	21.3	11.3
Mar 23	4.7	4.2	4.1	4.3	4.9	5.1	7.5	6.6	1.5	5.5	5.1	7.4	23.2	22.9	20.5	19.8	17.6	13.1	12.8	12.1	13.3	12.7	8.8	7.5	1.5	23.2	10.2
Mar 24	6.9	6.9	9.1	12.3	11.5	8.1	13.0	13.5	12.5	12.5	5.6	8.2	9.2	7.6	5.4	5.8	4.8	4.9	5.4	4.1	4.8	2.4	3.6	7.9	2.4	13.5	7.8
Mar 25	11.1	2.0	2.1	1.3	1.8	2.4	2.9	3.2	2.1	5.4	10.9	13.3	11.6	9.9	6.8	7.1	6.4	5.5	3.4	2.0	1.7	1.7	1.1	0.8	0.8	13.3	4.9
Mar 26	2.9	5.1	2.3	3.4	7.0	7.2	6.4	6.9	11.3	14.4	11.4	22.5	25.5	27.6	27.9	25.8	25.8	24.2	13.7	6.6	6.3	7.0	6.9	7.0	2.3	27.9	12.7
Mar 27	5.6	2.7	2.6	2.6	1.9	2.9	0.5	3.2	5.5	10.7	12.7	16.0	15.9	18.8	18.6	15.4	13.6	11.8	10.8	9.1	13.2	14.1	14.7	13.5	0.5	18.8	9.9
Mar 28	9.5	9.8	10.7	9.9	7.6	9.9	11.8	11.6	10.5	9.9	10.7	11.9	12.1	10.7	10.6	10.1	10.1	12.4	12.6	8.4	9.9	4.1	5.9	8.5	4.1	12.6	10.0
Mar 29	9.2	8.3	6.4	6.9	3.9	1.7	5.0	8.7	14.0	13.6	10.5	9.2	9.7	11.6	16.1	15.1	10.2	10.2	9.4	7.8	4.3	4.9	5.0	4.8	1.7	16.1	8.6
Mar 30	7.1	5.7	12.8	14.5	14.1	12.8	10.4	11.2	13.1	16.5	18.1	17.1	18.5	17.2	15.9	11.4	5.9	3.7	8.4	8.3	10.8	11.1	13.8	17.9	3.7	18.5	12.3
Mar 31	19.0	17.3	15.4	14.6	13.3	13.0	14.8	15.4	13.5	13.2	7.7	8.9	16.1	13.7	10.7	9.3	5.5	4.5	3.0	3.4	6.9	8.7	11.7	11.9	3.0	19.0	11.3

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

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

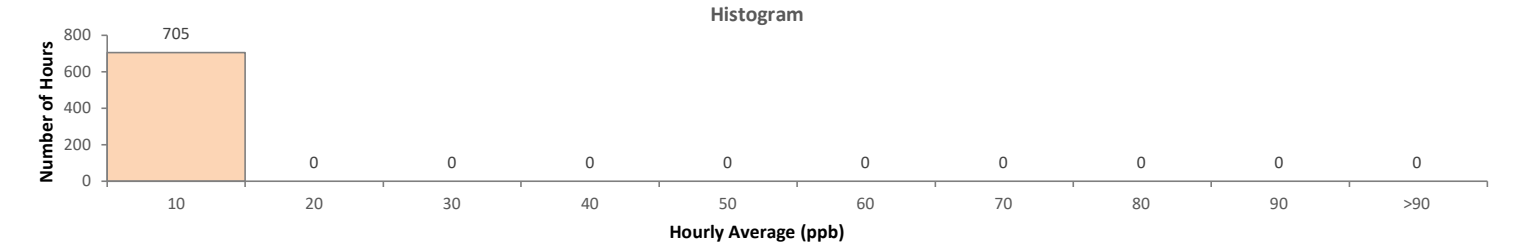
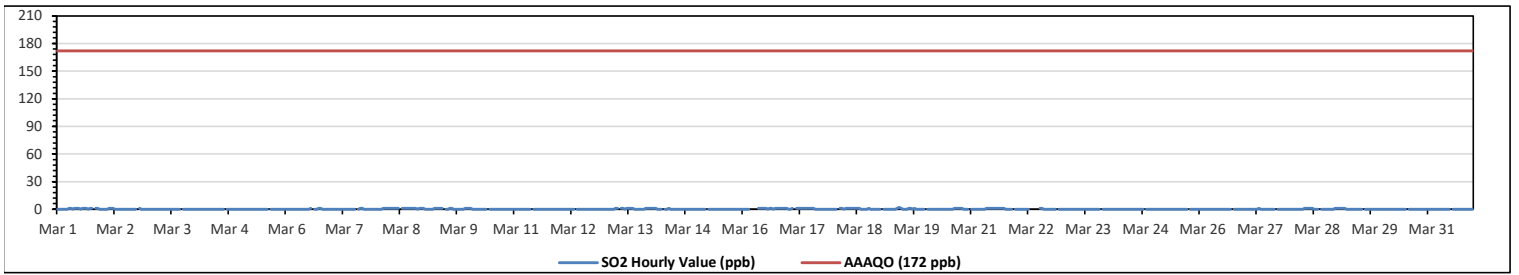
Monthly Average is shown "-" if minimum data completeness criteria of 75% of days per month is not met.

PRC STATION

Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages
SULPHUR DIOXIDE (SO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 172 ppb, 24-Hour 48 ppb, 30-Day 11 ppb		Number of 1-Hour Exceedances: 0		Number of 24-Hour Exceedances: 0		30-Day Exceedance: 0																					
Maximum Hourly Value:	2 ppb on Mar 19 at hr 10	Hours in Service:	744																								
Maximum Daily Value:	0.8 ppb on Mar 8	Hours of Data:	705																								
Minimum Hourly Value:	0 ppb on Mar 1 at hr 0	Hours of Missing Data:	2																								
Minimum Daily Value:	0.0 ppb on Mar 3	Hours of Calibration:	37																								
Monthly Average:	0.2 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
Mar 1	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	0	1	1	S	1	1	0	0	0	1	0.5
Mar 2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	1	0.2
Mar 3	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
Mar 4	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
Mar 5	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
Mar 6	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
Mar 7	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
Mar 8	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.8
Mar 9	1	1	0	0	0	0	1	1	1	1	1	1	S	0	1	1	1	0	0	0	0	0	0	1	0	1	0.4
Mar 10	1	1	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
Mar 11	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
Mar 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
Mar 13	0	0	0	0	0	1	1	S	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0.5
Mar 14	1	1	1	0	0	0	0	S	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Mar 15	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
Mar 16	0	0	0	0	0	S	1	NRM	NRM	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	1	0.7
Mar 17	0	0	1	S	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.5
Mar 18	0	0	S	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0.5
Mar 19	0	S	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	0	1	0	0	0	0	0	0	2	0.3
Mar 20	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	S	0	1	0.2
Mar 21	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0.4
Mar 22	0	0	0	0	0	0	0	C	C	C	C	C	C	1	1	0	0	0	0	0	0	0	S	0	0	1	0.1
Mar 23	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
Mar 24	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
Mar 25	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
Mar 26	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
Mar 27	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
Mar 28	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3
Mar 29	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
Mar 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
Mar 31	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
Diurnal Maximum	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Diurnal Average	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2			
C	Monthly Calibration							S	Daily Zero-Span Check							Q	Quality Assurance										
K	Collection Error							ND	No Data (Machine Not in Service)							Y	Routine Maintenance										
X	Invalid Data (Equipment Malfunction /Recovery)							NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)							P	Power Failure										

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

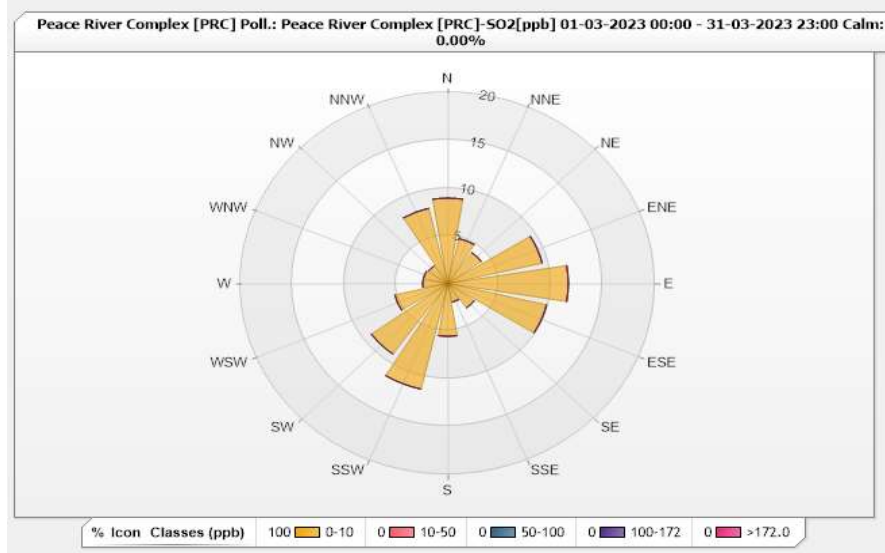


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-SO2[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 94.76% Calm Avg: 0.00 [ppm]

Direction	0-10	10-50	50-100	100-172	>172.0	Total
N	8.94	0	0	0	0	8.94
NNE	4.82	0	0	0	0	4.82
NE	3.97	0	0	0	0	3.97
ENE	9.36	0	0	0	0	9.36
E	11.63	0	0	0	0	11.63
ESE	9.79	0	0	0	0	9.79
SE	3.12	0	0	0	0	3.12
SSE	1.99	0	0	0	0	1.99
S	5.53	0	0	0	0	5.53
SSW	11.35	0	0	0	0	11.35
SW	9.08	0	0	0	0	9.08
WSW	5.25	0	0	0	0	5.25
W	2.41	0	0	0	0	2.41
WNW	2.41	0	0	0	0	2.41
NW	2.27	0	0	0	0	2.27
NNW	8.09	0	0	0	0	8.09
Summary	100	0	0	0	0	100

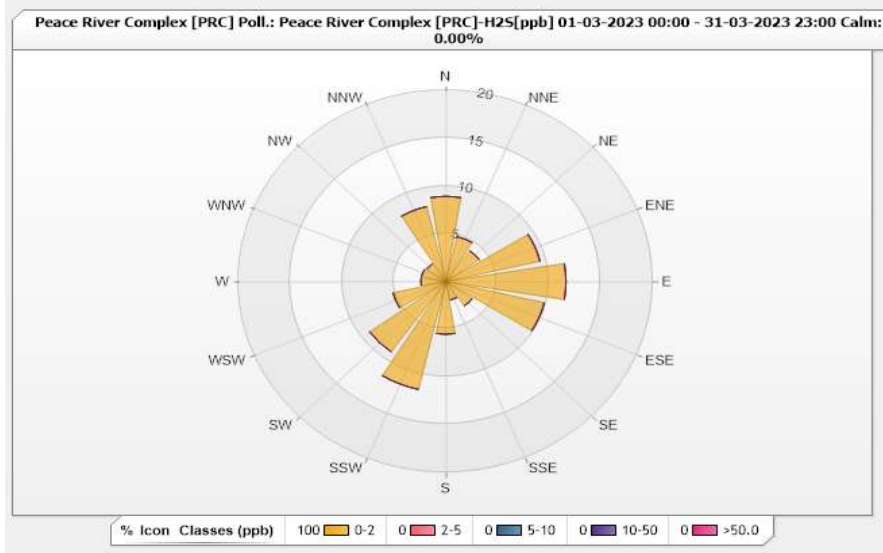


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-H2S[ppb] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	8.91	0	0	0	0	8.91
NNE	4.81	0	0	0	0	4.81
NE	3.96	0	0	0	0	3.96
ENE	9.34	0	0	0	0	9.34
E	11.6	0	0	0	0	11.6
ESE	9.76	0	0	0	0	9.76
SE	3.11	0	0	0	0	3.11
SSE	1.98	0	0	0	0	1.98
S	5.52	0	0	0	0	5.52
SSW	11.6	0	0	0	0	11.6
SW	9.05	0	0	0	0	9.05
WSW	5.23	0	0	0	0	5.23
W	2.4	0	0	0	0	2.4
WNW	2.4	0	0	0	0	2.4
NW	2.26	0	0	0	0	2.26
NNW	8.06	0	0	0	0	8.06
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

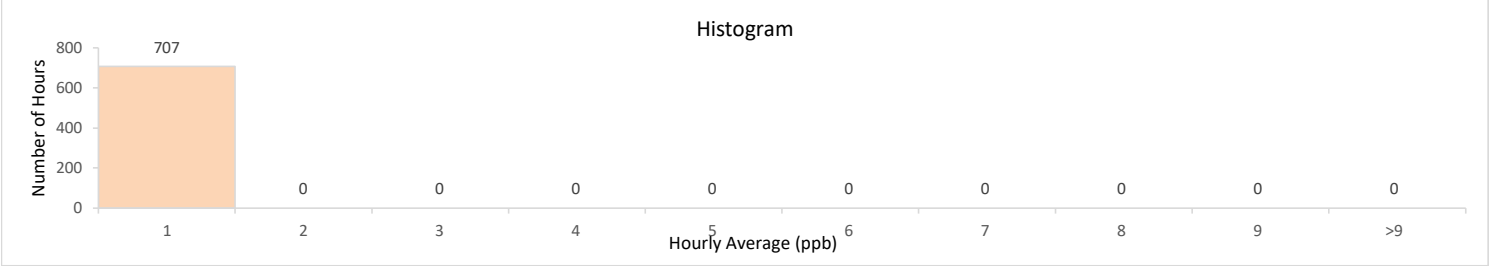
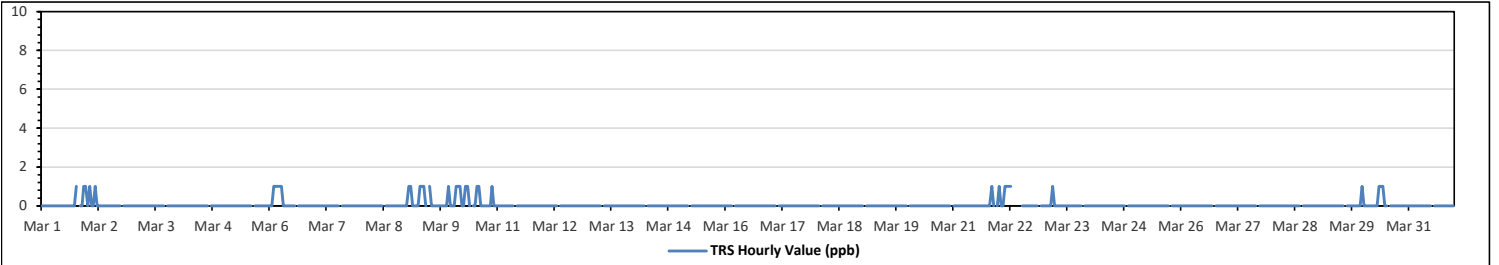
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1 ppb on Mar 1 at hr 18	Hours in Service:	744
Maximum Daily Value:	0.3 ppb on Mar 10	Hours of Data:	707
Minimum Hourly Value:	0 ppb on Mar 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	0.0 ppb on Mar 3	Hours of Calibration:	37
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
Mar 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	S	0	0	1	1	0	1	0.1
Mar 2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	0	0	0	0	0	0	0.1
Mar 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
Mar 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
Mar 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
Mar 6	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2
Mar 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
Mar 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
Mar 9	0	1	1	0	0	0	0	1	1	1	0	S	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3
Mar 10	0	0	1	1	1	0	0	1	1	0	S	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0.3
Mar 11	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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 20	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mar 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
Mar 22	1	0	0	1	1	1	1	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3
Mar 23	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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 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
Mar 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mar 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
Mar 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
Diurnal Maximum	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0	1	1	1
Diurnal Average	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	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	0.0	0.0	0.1	0.1	

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

Diurnal 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.

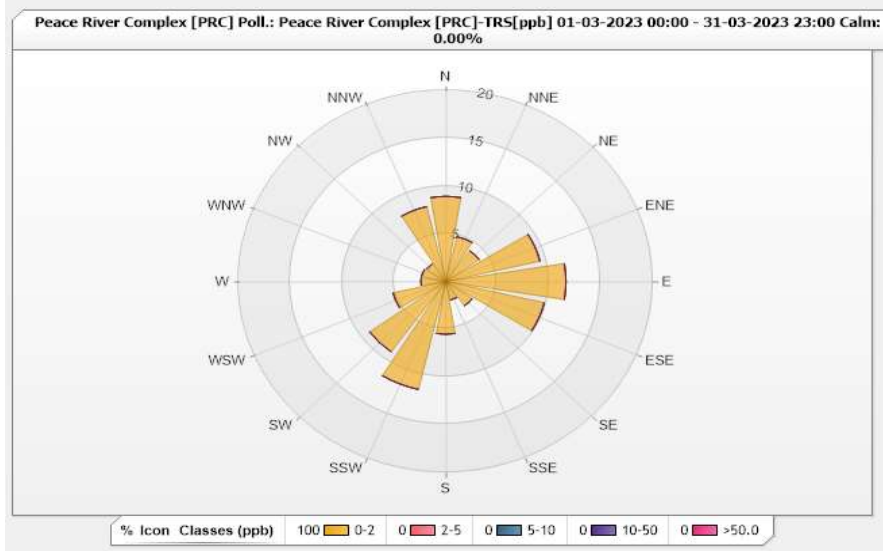


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-TRS[ppb] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-50	>50.0	Total
N	8.91	0	0	0	0	8.91
NNE	4.81	0	0	0	0	4.81
NE	3.96	0	0	0	0	3.96
ENE	9.34	0	0	0	0	9.34
E	11.6	0	0	0	0	11.6
ESE	9.76	0	0	0	0	9.76
SE	3.11	0	0	0	0	3.11
SSE	1.98	0	0	0	0	1.98
S	5.52	0	0	0	0	5.52
SSW	11.6	0	0	0	0	11.6
SW	9.05	0	0	0	0	9.05
WSW	5.23	0	0	0	0	5.23
W	2.4	0	0	0	0	2.4
WNW	2.4	0	0	0	0	2.4
NW	2.26	0	0	0	0	2.26
NNW	8.06	0	0	0	0	8.06
Summary	100	0	0	0	0	100



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

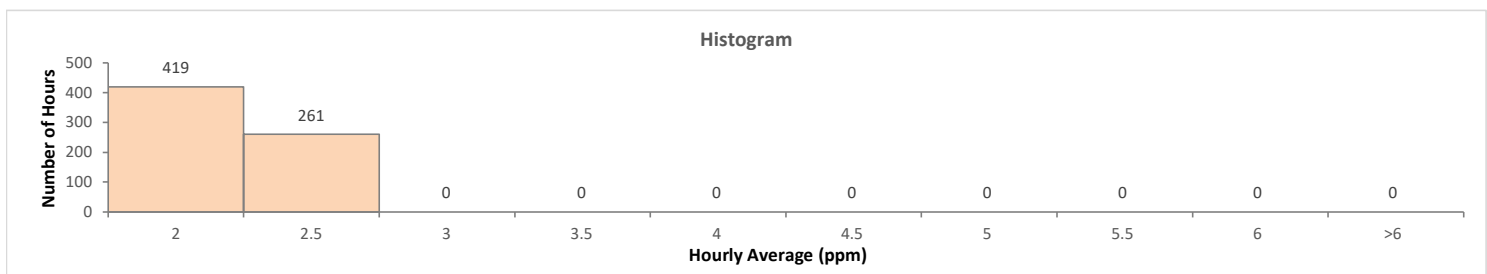
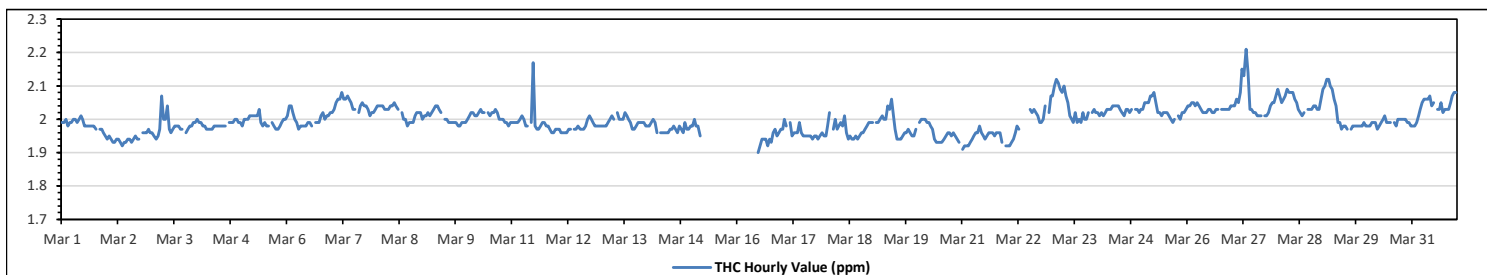
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.21 ppm on Mar 27 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.06 ppm on Mar 27	Hours of Data:	680
Minimum Hourly Value:	1.90 ppm on Mar 16 at hr 11	Hours of Missing Data:	27
Minimum Daily Value:	1.94 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.00 ppm	Operational Uptime:	96.4

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
Mar 1	1.99	1.99	2.00	1.98	1.99	1.99	2.00	2.00	1.99	2.00	2.01	2.00	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.97	S	1.97	1.97	1.96	1.95	1.95	2.01	1.98
Mar 2	1.94	1.95	1.94	1.93	1.93	1.94	1.94	1.93	1.92	1.93	1.93	1.94	1.94	1.93	1.94	1.95	1.94	1.94	1.94	S	1.96	1.96	1.96	1.97	1.96	1.92	1.97	1.94
Mar 3	1.96	1.95	1.94	1.95	1.97	2.07	2.00	2.00	2.04	1.97	1.96	1.97	1.98	1.98	1.98	1.97	1.97	S	1.96	1.97	1.98	1.98	1.99	1.99	1.94	2.07	1.98	
Mar 4	2.00	1.99	1.99	1.98	1.98	1.97	1.97	1.97	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.98	S	1.99	1.99	1.99	2.00	2.00	1.99	1.99	1.97	2.00	1.98	
Mar 5	1.98	2.00	2.00	2.00	2.01	2.01	2.01	2.01	2.03	1.99	1.98	1.99	1.98	1.98	1.98	S	1.99	1.98	1.97	1.97	1.98	1.99	2.00	2.00	1.97	2.03	1.99	
Mar 6	2.01	2.04	2.04	2.02	2.00	1.99	1.97	1.98	1.98	1.98	1.99	1.99	1.98	S	1.99	1.99	1.99	2.01	2.02	2.00	2.01	2.01	2.00	2.01	2.02	1.97	2.04	2.00
Mar 7	2.02	2.03	2.05	2.06	2.06	2.08	2.06	2.06	2.07	2.06	2.05	2.03	S	2.02	2.04	2.05	2.04	2.04	2.03	2.01	2.02	2.02	2.03	2.01	2.08	2.04	2.02	
Mar 8	2.04	2.04	2.04	2.04	2.03	2.03	2.04	2.04	2.05	2.04	2.03	S	2.02	2.00	2.00	1.98	1.99	1.99	1.99	2.01	2.02	2.02	2.02	2.02	1.98	2.05	2.02	
Mar 9	2.00	2.01	2.01	2.02	2.01	2.02	2.03	2.04	2.04	2.03	2.02	S	2.00	2.00	1.99	1.99	1.99	1.99	1.99	1.98	1.98	1.99	1.99	1.99	1.98	2.04	2.00	
Mar 10	2.00	2.01	2.02	2.02	2.01	2.01	2.02	2.03	2.02	2.02	S	2.02	2.01	2.02	2.02	2.03	2.02	2.00	2.00	2.00	1.99	1.99	1.98	1.99	1.98	2.03	2.01	
Mar 11	1.99	1.99	1.99	1.99	2.00	2.01	2.00	1.98	1.98	S	1.99	2.17	1.98	1.97	1.97	1.98	1.99	1.99	1.98	1.98	1.97	1.96	1.96	1.97	1.96	2.17	1.99	
Mar 12	1.97	1.97	1.96	1.96	1.96	1.96	1.97	1.97	S	1.97	1.97	1.98	1.97	1.97	1.97	1.98	2.00	2.01	2.00	1.99	1.98	1.98	1.98	1.98	1.96	2.01	1.98	
Mar 13	1.98	1.98	1.98	1.99	2.00	2.01	2.00	S	2.02	2.00	2.00	2.00	2.02	2.01	2.00	1.99	1.97	1.97	1.98	1.99	1.99	1.99	1.99	1.98	1.97	2.02	1.99	
Mar 14	1.98	1.98	1.99	2.00	1.99	1.96	S	1.96	1.96	1.96	1.96	1.97	1.97	1.98	1.97	1.96	1.98	1.97	1.96	1.99	1.97	1.97	1.98	1.96	2.00	1.97	1.98	
Mar 15	1.98	2.00	1.98	1.98	1.95	S	1.95	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1.95	2.00	NA	
Mar 16	X	X	X	X	X	X	X	X	X	X	S	1.90	1.92	1.94	1.94	1.94	1.92	1.94	1.93	1.96	1.97	1.95	1.96	1.97	1.90	1.97	NA	
Mar 17	1.97	2.00	1.98	S	1.99	1.95	1.96	1.96	1.96	1.99	1.96	1.95	1.95	1.95	1.95	1.94	1.92	1.94	1.95	1.96	1.95	1.95	1.96	1.95	1.94	2.00	1.96	
Mar 18	1.98	2.02	S	1.97	2.00	1.97	1.98	1.99	1.98	2.01	1.96	1.94	1.95	1.94	1.94	1.95	1.94	1.95	1.96	1.96	1.97	1.98	1.99	1.99	1.94	2.02	1.97	
Mar 19	1.99	S	1.99	1.99	2.00	2.01	2.00	2.00	2.04	2.03	2.06	2.01	1.97	1.94	1.94	1.94	1.95	1.96	1.96	1.96	1.97	1.96	1.95	1.95	1.97	2.06	1.98	
Mar 20	S	1.99	2.00	2.00	2.00	1.99	1.99	1.98	1.97	1.94	1.93	1.93	1.93	1.94	1.95	1.96	1.96	1.95	1.96	1.95	1.94	1.93	S	1.93	2.00	1.96	1.98	
Mar 21	1.91	1.92	1.92	1.92	1.93	1.94	1.95	1.96	1.96	1.98	1.96	1.95	1.94	1.95	1.96	1.96	1.96	1.95	1.96	1.96	1.96	1.93	S	1.92	1.91	1.98	1.95	
Mar 22	1.92	1.92	1.93	1.94	1.96	1.98	1.97	C	C	C	C	C	2.03	2.02	2.03	2.02	2.01	1.99	1.99	2.00	2.04	S	2.02	2.07	1.92	2.07	1.99	
Mar 23	2.07	2.10	2.12	2.11	2.09	2.08	2.10	2.07	2.05	2.01	2.00	1.99	2.02	1.99	2.00	1.99	2.02	2.00	2.00	2.02	S	2.02	2.03	2.02	1.99	2.12	2.04	
Mar 24	2.02	2.01	2.02	2.01	2.02	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.02	2.02	2.02	2.01	2.03	2.03	2.02	2.03	S	2.03	2.03	2.03	2.03	2.04	2.03	
Mar 25	2.03	2.05	2.05	2.05	2.07	2.07	2.08	2.05	2.02	2.02	2.01	2.02	2.02	2.01	2.00	1.99	2.00	2.03	2.00	S	2.01	2.00	2.02	2.02	2.03	1.99	2.08	2.03
Mar 26	2.04	2.04	2.05	2.05	2.04	2.05	2.04	2.03	2.02	2.02	2.02	2.03	2.03	2.02	2.02	2.03	2.03	S	2.03	2.03	2.03	2.03	2.03	2.04	2.02	2.05	2.03	
Mar 27	2.04	2.04	2.06	2.05	2.08	2.15	2.13	2.21	2.14	2.03	2.03	2.02	2.02	2.01	2.01	S	2.01	2.01	2.02	2.04	2.05	2.05	2.07	2.01	2.21	2.06	2.06	
Mar 28	2.09	2.07	2.05	2.06	2.07	2.09	2.08	2.08	2.08	2.06	2.05	2.03	2.02	2.01	2.02	S	2.03	2.03	2.03	2.04	2.04	2.03	2.03	2.06	2.01	2.09	2.05	
Mar 29	2.09	2.10	2.12	2.12	2.10	2.09	2.06	2.04	1.99	1.99	1.97	1.98	1.98	1.97	S	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.99	1.98	1.97	2.12	2.02	
Mar 30	1.98	1.98	1.99	1.99	1.99	1.97	1.98	1.99	2.00	2.01	1.99	1.99	1.99	S	1.99	1.98	2.00	2.00	2.00	2.00	2.00	2.00	1.99	1.98	1.97	2.01	1.99	
Mar 31	1.98	1.98	1.99	2.01	2.03	2.05	2.06	2.06	2.07	2.04	2.05	S	2.03	2.03	2.05	2.02	2.03	2.03	2.03	2.05	2.07	2.08	2.08	1.98	2.08	2.04		
Diurnal Maximum	2.09	2.10	2.12	2.12	2.10	2.15	2.13	2.21	2.14	2.07	2.06	2.17	2.03	2.03	2.03	2.05	2.05	2.04	2.04	2.04	2.05	2.07	2.08	2.08				
Diurnal Average	2.00	2.01	2.01	2.01	2.01	2.02	2.01	2.01	2.01	2.00	2.00	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00				

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

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

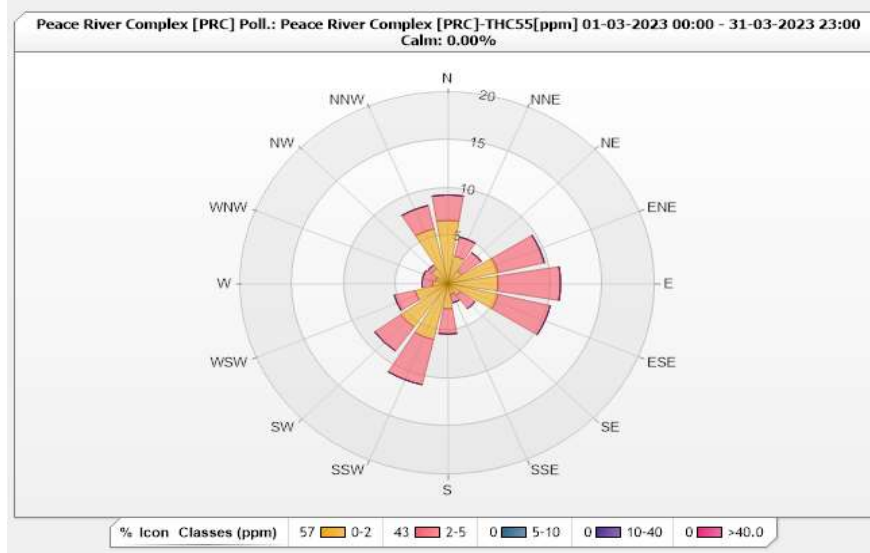


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-THC55[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 91.40% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	6.62	2.65	0	0	0	9.27
NNE	2.94	2.06	0	0	0	5
NE	1.62	2.35	0	0	0	3.97
ENE	5	4.56	0	0	0	9.56
E	4.85	6.03	0	0	0	10.88
ESE	5	5.15	0	0	0	10.15
SE	1.47	1.76	0	0	0	3.23
SSE	1.18	0.88	0	0	0	2.06
S	2.65	2.65	0	0	0	5.3
SSW	6.03	4.85	0	0	0	10.88
SW	5.59	3.09	0	0	0	8.68
WSW	3.24	2.06	0	0	0	5.3
W	1.47	1.03	0	0	0	2.5
WNW	1.18	1.32	0	0	0	2.5
NW	1.91	0.44	0	0	0	2.35
NNW	5.88	2.5	0	0	0	8.38
Summary	56.63	43.38	0	0	0	100



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

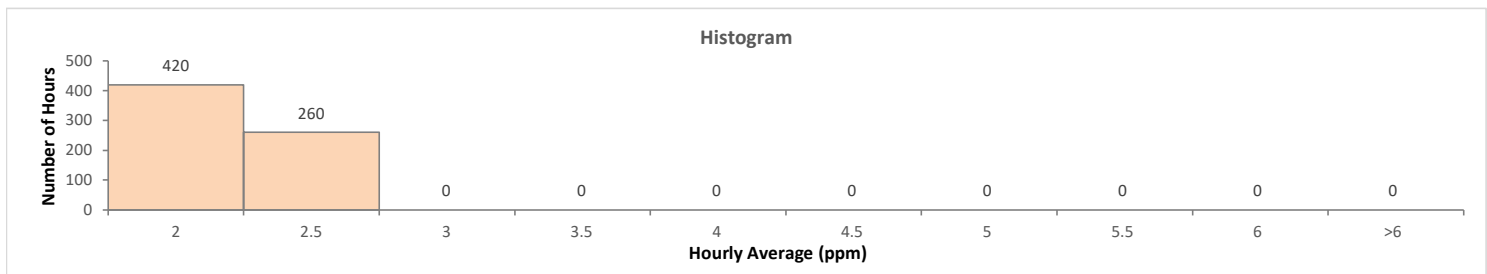
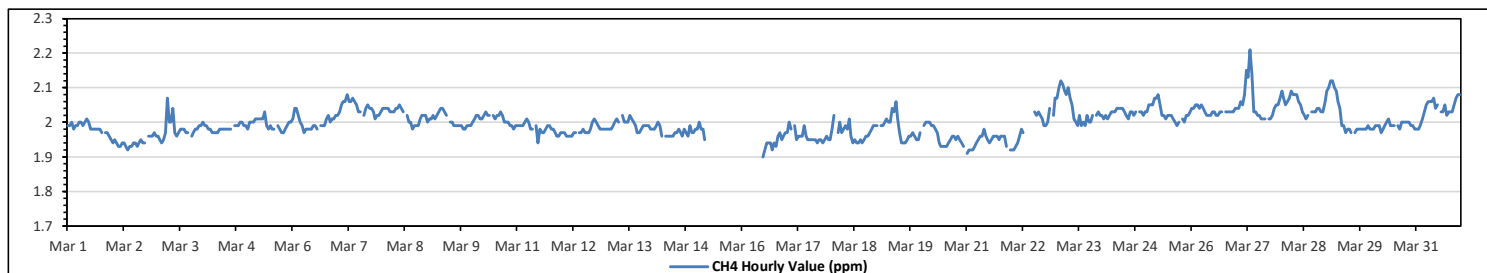
METHANE (CH4) in ppm

Maximum Hourly Value:	2.21 ppm on Mar 27 at hr 7	Hours in Service:	744
Maximum Daily Value:	2.06 ppm on Mar 27	Hours of Data:	680
Minimum Hourly Value:	1.90 ppm on Mar 16 at hr 11	Hours of Missing Data:	27
Minimum Daily Value:	1.94 ppm on Mar 2	Hours of Calibration:	37
Monthly Average:	2.00 ppm	Operational Uptime:	96.4

Day	Hourly Period Starting at (MST)																							Daily Minimum	Daily Maximum	Daily Average		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
Mar 1	1.99	1.99	2.00	1.98	1.99	1.99	2.00	2.00	1.99	2.00	2.01	2.00	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.97	S	1.97	1.97	1.96	1.95	1.95	2.01	1.98
Mar 2	1.94	1.95	1.94	1.93	1.93	1.94	1.94	1.93	1.92	1.93	1.93	1.94	1.94	1.93	1.94	1.95	1.94	1.94	S	1.96	1.96	1.96	1.97	1.96	1.94	2.07	1.98	
Mar 3	1.96	1.95	1.94	1.95	1.97	2.07	2.00	2.00	2.04	1.97	1.96	1.97	1.98	1.98	1.98	1.97	1.97	S	1.96	1.97	1.98	1.98	1.99	1.99	1.94	2.07	1.98	
Mar 4	2.00	1.99	1.99	1.98	1.98	1.97	1.97	1.97	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.98	S	1.99	1.99	1.99	2.00	2.00	1.99	1.99	1.97	2.00	1.98	
Mar 5	1.98	2.00	2.00	2.00	2.01	2.01	2.01	2.01	2.01	2.03	1.99	1.98	1.99	1.98	1.98	S	1.99	1.98	1.97	1.97	1.98	1.99	2.00	2.00	1.97	2.03	1.99	
Mar 6	2.01	2.04	2.04	2.02	2.00	1.99	1.97	1.98	1.98	1.98	1.99	1.99	1.98	S	1.99	1.99	1.99	2.01	2.02	2.00	2.01	2.01	2.00	2.01	2.02	1.97	2.04	2.00
Mar 7	2.02	2.03	2.05	2.06	2.06	2.08	2.06	2.06	2.07	2.06	2.05	2.03	S	2.02	2.04	2.05	2.04	2.04	2.03	2.01	2.02	2.02	2.03	2.01	2.08	2.04	2.02	
Mar 8	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.04	2.04	2.05	2.04	S	2.02	2.00	2.00	1.98	1.99	1.99	1.99	2.01	2.02	2.02	2.02	2.02	1.98	2.05	2.02	
Mar 9	2.00	2.01	2.01	2.02	2.01	2.02	2.03	2.04	2.04	2.03	2.02	S	2.00	2.00	1.99	1.99	1.99	1.99	1.99	1.98	1.98	1.99	1.99	1.99	1.98	2.04	2.00	
Mar 10	2.00	2.01	2.02	2.02	2.01	2.01	2.02	2.03	2.02	S	2.02	2.01	2.02	2.02	2.03	2.02	2.00	2.00	2.00	1.99	1.99	1.99	1.98	1.99	1.98	2.03	2.01	
Mar 11	1.99	1.99	1.99	1.99	2.00	2.01	2.00	1.98	1.98	S	1.99	1.94	1.98	1.97	1.97	1.98	1.99	1.99	1.98	1.98	1.97	1.96	1.96	1.97	1.94	2.01	1.98	
Mar 12	1.97	1.97	1.96	1.96	1.96	1.96	1.97	1.97	S	1.97	1.97	1.98	1.97	1.97	1.97	1.98	2.00	2.01	2.00	1.99	1.98	1.98	1.98	1.98	1.96	2.01	1.98	
Mar 13	1.98	1.98	1.98	1.99	2.00	1.99	S	2.02	2.00	2.00	2.00	2.02	2.01	2.00	1.99	1.97	1.97	1.98	1.99	1.99	1.99	1.99	1.99	1.98	1.97	2.02	1.99	
Mar 14	1.98	1.98	1.99	2.00	1.99	1.96	S	1.96	1.96	1.96	1.96	1.97	1.97	1.97	1.98	1.97	1.96	1.98	1.97	1.96	1.99	1.97	1.97	1.98	1.96	2.00	1.97	
Mar 15	1.98	2.00	1.98	1.98	1.95	S	1.95	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1.95	2.00	NA
Mar 16	X	X	X	X	X	X	X	X	X	X	S	1.90	1.92	1.94	1.94	1.94	1.92	1.94	1.93	1.96	1.97	1.95	1.96	1.97	1.90	1.97	NA	
Mar 17	1.97	2.00	1.98	S	1.99	1.95	1.96	1.96	1.96	1.99	1.96	1.95	1.95	1.95	1.95	1.94	1.92	1.94	1.95	1.96	1.95	1.96	1.95	1.95	1.94	2.00	1.96	
Mar 18	1.98	2.02	S	1.97	2.00	1.97	1.98	1.99	1.98	2.01	1.96	1.94	1.95	1.94	1.94	1.95	1.94	1.95	1.96	1.96	1.97	1.98	1.99	1.99	1.94	2.02	1.97	
Mar 19	1.99	S	1.99	1.99	2.00	2.01	2.00	2.00	2.04	2.03	2.06	2.01	1.97	1.94	1.94	1.94	1.95	1.96	1.96	1.96	1.97	1.96	1.95	1.95	1.97	1.94	2.06	1.98
Mar 20	S	1.99	2.00	2.00	2.00	1.99	1.99	1.98	1.97	1.94	1.93	1.93	1.93	1.94	1.95	1.96	1.96	1.95	1.96	1.95	1.94	1.93	S	1.93	2.00	1.96	1.98	
Mar 21	1.91	1.92	1.92	1.92	1.93	1.94	1.95	1.96	1.96	1.98	1.96	1.95	1.94	1.95	1.96	1.96	1.96	1.95	1.96	1.96	1.96	1.93	S	1.92	1.91	1.98	1.95	
Mar 22	1.92	1.92	1.93	1.94	1.96	1.98	1.97	C	C	C	C	C	2.03	2.02	2.01	1.99	1.99	1.99	2.00	2.04	S	2.02	2.07	1.92	2.07	1.92	2.07	1.99
Mar 23	2.07	2.10	2.12	2.11	2.09	2.08	2.10	2.07	2.05	2.01	2.00	1.99	2.02	1.99	2.00	1.99	2.02	2.00	2.00	2.02	S	2.02	2.03	2.02	1.99	2.12	2.04	
Mar 24	2.02	2.01	2.02	2.01	2.02	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.03	2.02	2.01	2.03	2.03	2.02	2.03	2.03	S	2.03	2.03	2.03	2.03	2.04	2.03	
Mar 25	2.03	2.05	2.05	2.05	2.07	2.07	2.08	2.05	2.02	2.02	2.01	2.02	2.02	2.02	2.01	2.00	1.99	2.00	2.00	S	2.01	2.00	2.02	2.02	1.99	2.08	2.03	
Mar 26	2.04	2.04	2.05	2.05	2.04	2.05	2.04	2.03	2.02	2.02	2.02	2.03	2.03	2.02	2.02	2.03	2.03	S	2.03	2.03	2.03	2.03	2.03	2.04	2.02	2.05	2.03	
Mar 27	2.04	2.04	2.06	2.05	2.08	2.15	2.13	2.21	2.14	2.03	2.02	2.02	2.01	2.02	2.01	S	2.01	2.01	2.02	2.04	2.05	2.05	2.07	2.01	2.21	2.06	2.06	
Mar 28	2.09	2.07	2.05	2.06	2.10	2.09	2.08	2.08	2.08	2.06	2.05	2.03	2.02	2.01	2.02	S	2.03	2.03	2.03	2.04	2.04	2.03	2.03	2.06	2.01	2.09	2.05	
Mar 29	2.09	2.10	2.12	2.12	2.10	2.09	2.06	2.04	1.99	1.99	1.97	1.98	1.98	1.97	S	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.99	1.98	1.97	2.12	2.02	
Mar 30	1.98	1.98	1.99	1.99	1.99	1.97	1.98	1.99	2.00	2.01	1.99	1.99	1.99	S	1.99	1.98	2.00	2.00	2.00	2.00	2.00	2.00	1.99	1.98	1.97	2.01	1.99	
Mar 31	1.98	1.98	1.99	2.01	2.03	2.05	2.06	2.06	2.06	2.07	2.04	2.05	S	2.03	2.03	2.05	2.02	2.03	2.03	2.03	2.05	2.07	2.08	2.08	1.98	2.08	2.04	
Diurnal Maximum	2.09	2.10	2.12	2.12	2.10	2.15	2.13	2.21	2.14	2.07	2.06	2.05	2.03	2.03	2.03	2.05	2.05	2.04	2.04	2.04	2.05	2.07	2.08	2.08				
Diurnal Average	2.00	2.01	2.01	2.01	2.01	2.02	2.01	2.02	2.01	2.01	2.00	1.99	1.99	1.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00				

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

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

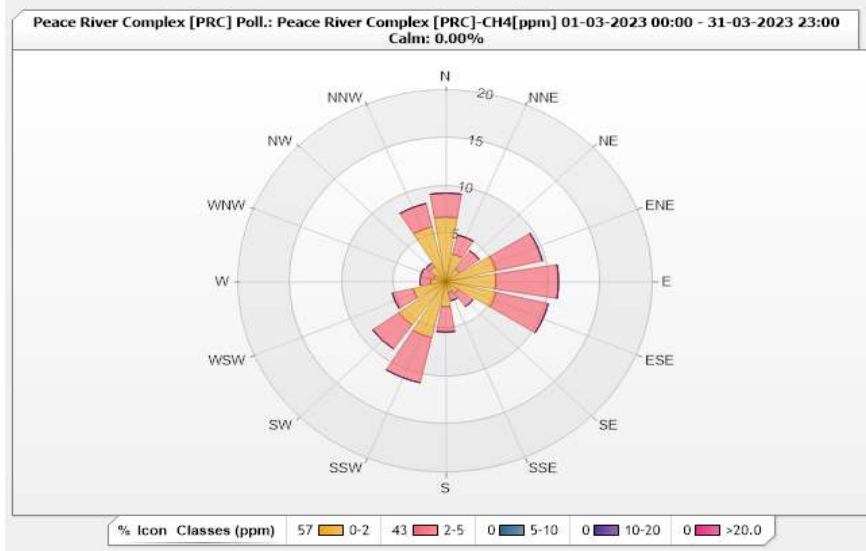


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-CH4[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 91.40% Calm Avg: 0.00 [ppm]

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	6.76	2.5	0	0	0	9.26
NNE	2.94	2.06	0	0	0	5
NE	1.62	2.35	0	0	0	3.97
ENE	5	4.56	0	0	0	9.56
E	4.85	6.03	0	0	0	10.88
ESE	5	5.15	0	0	0	10.15
SE	1.47	1.76	0	0	0	3.23
SSE	1.18	0.88	0	0	0	2.06
S	2.65	2.65	0	0	0	5.3
SSW	6.03	4.85	0	0	0	10.88
SW	5.59	3.09	0	0	0	8.68
WSW	3.24	2.06	0	0	0	5.3
W	1.47	1.03	0	0	0	2.5
WNW	1.18	1.32	0	0	0	2.5
NW	1.91	0.44	0	0	0	2.35
NNW	5.88	2.5	0	0	0	8.38
Summary	56.77	43.23	0	0	0	100

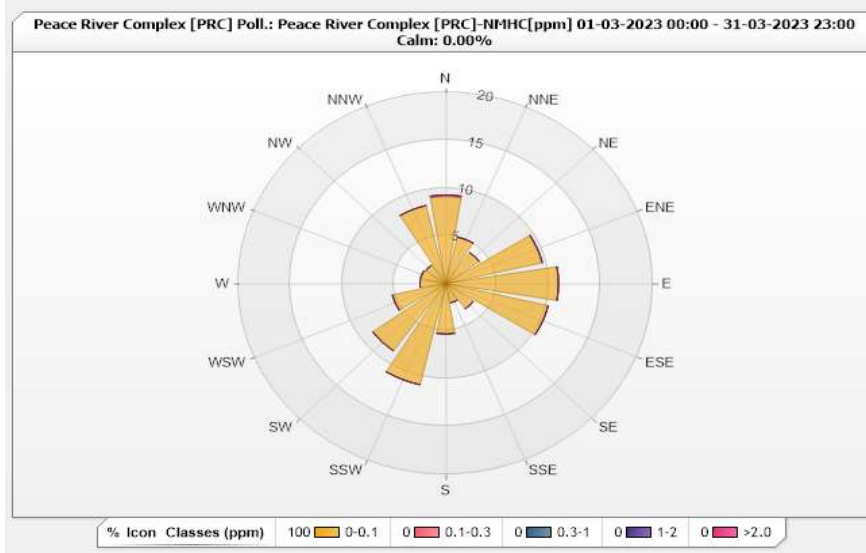


Station: Peace River Complex [PRC] Poll.: Peace River Complex [PRC]-NMHC[ppm] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 91.40% Calm Avg: 0.00 [ppm]

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	9.12	0.15	0	0	0	9.27
NNE	5	0	0	0	0	5
NE	3.97	0	0	0	0	3.97
ENE	9.56	0	0	0	0	9.56
E	10.88	0	0	0	0	10.88
ESE	10.15	0	0	0	0	10.15
SE	3.24	0	0	0	0	3.24
SSE	2.06	0	0	0	0	2.06
S	5.29	0	0	0	0	5.29
SSW	10.88	0	0	0	0	10.88
SW	8.68	0	0	0	0	8.68
WSW	5.29	0	0	0	0	5.29
W	2.5	0	0	0	0	2.5
WNW	2.5	0	0	0	0	2.5
NW	2.35	0	0	0	0	2.35
NNW	8.38	0	0	0	0	8.38
Summary	100	0.15	0	0	0	100



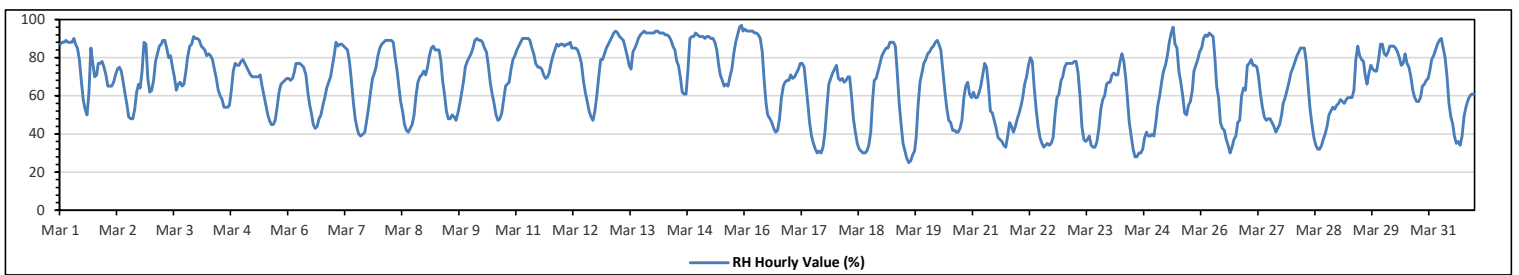
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	97	%	on Mar 15 at hr 22	Hours in Service:	744
Maximum Daily Value:	88.7	%	on Mar 13	Hours of Data:	744
Minimum Hourly Value:	25	%	on Mar 19 at hr 14	Hours of Missing Data:	0
Minimum Daily Value:	50.7	%	on Mar 24	Hours of Calibration:	0
Monthly Average:	67.1	%		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
Mar 1	87	88	88	89	88	88	88	90	87	85	79	68	58	53	50	62	85	77	70	71	77	77	78	75	50	90	77.4
Mar 2	71	65	65	65	67	71	74	75	73	68	62	56	49	48	48	53	62	66	64	73	88	87	69	62	48	88	65.9
Mar 3	63	68	78	82	86	87	89	89	85	80	81	75	70	63	66	67	65	66	73	80	86	87	91	90	63	91	77.8
Mar 4	90	89	86	85	84	81	82	81	79	74	69	63	60	58	54	54	55	63	73	77	76	76	78	54	90	72.5	
Mar 5	79	77	75	73	71	70	70	70	70	71	65	60	55	50	47	45	45	47	54	62	66	67	68	69	45	79	63.6
Mar 6	69	68	69	72	77	77	77	76	75	71	62	55	51	45	43	44	48	50	55	59	64	67	70	76	43	77	63.3
Mar 7	82	88	86	87	87	86	85	84	78	68	57	48	43	40	39	40	41	47	54	62	69	72	75	81	39	88	66.6
Mar 8	85	87	88	89	89	89	89	88	80	73	64	57	52	45	42	41	43	45	50	60	67	70	71	73	41	89	68.2
Mar 9	71	75	81	85	86	84	84	84	78	68	61	52	48	48	50	49	47	51	56	62	68	75	78	80	47	86	67.5
Mar 10	82	85	89	90	89	89	88	85	83	76	67	61	56	50	47	48	51	58	65	66	67	74	79	81	47	90	71.9
Mar 11	84	86	88	90	90	90	90	89	85	82	77	75	75	74	71	69	70	72	77	81	84	87	86	87	69	90	81.6
Mar 12	87	86	87	87	88	85	85	85	84	81	77	68	62	57	52	49	47	52	60	70	79	79	82	85	47	88	73.9
Mar 13	87	89	91	93	94	93	91	90	89	85	81	76	74	83	85	87	90	92	93	94	93	93	93	93	74	94	88.7
Mar 14	93	94	94	93	93	93	92	92	91	89	86	84	78	76	70	62	61	61	74	90	91	91	93	92	61	94	84.7
Mar 15	91	91	91	90	91	91	90	90	88	84	76	71	68	65	66	65	70	74	82	88	92	96	97	94	65	97	83.4
Mar 16	95	94	94	94	94	93	93	92	90	83	68	56	50	48	46	43	41	42	48	59	65	67	68	68	41	95	70.5
Mar 17	71	69	70	72	74	77	77	75	65	55	46	39	35	32	30	31	30	33	41	54	66	69	72	74	30	77	56.5
Mar 18	76	69	68	69	67	68	70	70	60	48	41	35	32	31	30	30	31	34	41	58	68	69	73	77	30	77	54.8
Mar 19	81	83	85	85	88	88	86	72	56	45	35	31	27	25	26	29	31	38	55	67	72	77	79	25	88	60.4	
Mar 20	82	83	85	86	88	89	87	84	74	62	53	47	46	42	42	41	41	43	47	59	65	67	61	59	41	89	63.9
Mar 21	62	59	59	62	65	71	77	75	65	52	51	47	43	38	37	36	34	33	39	46	44	41	44	48	33	77	51.2
Mar 22	51	55	59	66	70	76	80	78	64	53	44	38	35	33	34	35	34	35	38	50	59	61	68	70	33	80	53.6
Mar 23	75	77	77	77	77	78	78	72	60	44	37	36	37	39	34	33	33	36	43	53	58	60	66	67	33	78	56.1
Mar 24	67	71	72	71	71	78	82	78	69	57	46	39	32	28	28	30	30	32	38	41	39	39	40	39	28	82	50.7
Mar 25	46	55	60	67	73	76	81	88	93	96	87	85	73	67	60	51	50	55	57	63	73	76	79	83	46	96	70.6
Mar 26	85	90	92	91	93	92	91	79	65	59	46	43	42	37	34	30	33	37	39	46	47	60	64	63	30	93	60.8
Mar 27	76	77	79	76	76	75	70	61	54	49	47	48	48	46	44	41	43	45	50	56	59	63	67	72	41	79	59.3
Mar 28	75	78	81	83	85	85	85	78	65	53	45	38	34	32	32	34	37	40	44	50	52	54	53	55	32	85	57.0
Mar 29	56	58	57	56	58	59	59	63	79	86	81	79	78	71	66	72	76	74	73	73	79	87	87	56	87	70.3	
Mar 30	82	81	83	86	86	86	85	83	80	76	77	82	77	75	70	63	59	57	57	59	65	66	68	69	57	86	73.8
Mar 31	73	79	81	84	87	89	90	85	80	70	56	49	45	39	35	36	34	39	49	54	58	60	61	61	34	90	62.3
Diurnal Maximum	95	94	94	94	94	93	93	92	93	96	87	85	79	83	85	87	90	92	93	94	93	96	97	94			
Diurnal Average	76.6	77.9	79.3	80.5	81.7	82.4	82.8	81.0	75.6	69.3	62.5	57.0	52.8	49.9	47.8	47.1	48.7	51.0	55.9	63.5	68.6	71.0	72.7	73.8			

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

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



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

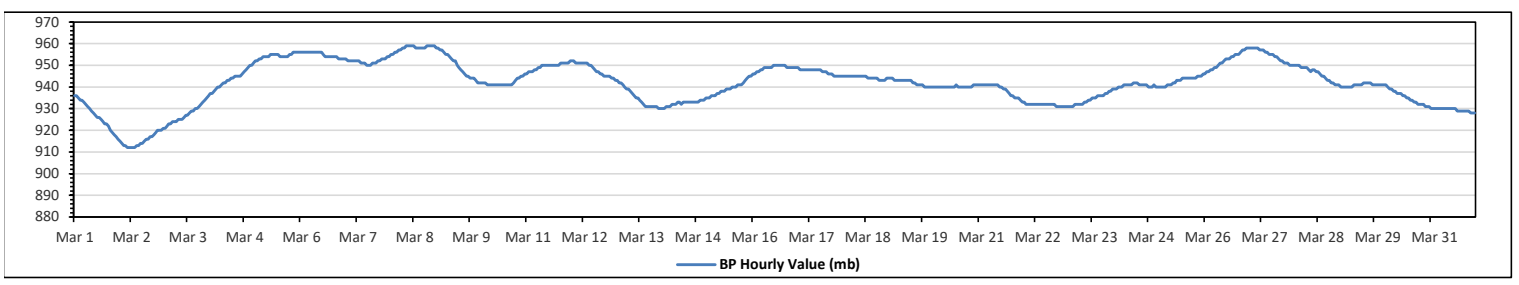
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	959	mb	on Mar 8 at hr 8	Hours in Service:	744
Maximum Daily Value:	958	mb	on Mar 8	Hours of Data:	744
Minimum Hourly Value:	912	mb	on Mar 2 at hr 4	Hours of Missing Data:	0
Minimum Daily Value:	915	mb	on Mar 2	Hours of Calibration:	0
Monthly Average:	942	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
Mar 1	936	936	935	934	934	933	932	931	930	929	928	927	926	926	925	924	923	923	922	920	919	918	917	916	916	936	927
Mar 2	915	914	913	913	912	912	912	912	912	913	913	914	914	915	916	916	917	917	918	919	920	920	920	921	912	921	915
Mar 3	921	922	923	923	924	924	924	925	925	925	926	927	927	928	929	929	930	930	931	932	933	934	935	936	921	936	928
Mar 4	937	937	938	939	940	940	941	942	942	943	943	944	944	945	945	945	946	947	948	949	950	950	951	937	951	944	
Mar 5	952	952	953	953	954	954	954	954	955	955	955	955	955	954	954	954	954	955	955	956	956	956	956	952	956	954	
Mar 6	956	956	956	956	956	956	956	956	956	956	956	956	955	954	954	954	954	954	954	954	953	953	953	953	953	956	955
Mar 7	953	952	952	952	952	952	952	951	951	951	951	950	950	950	951	951	952	952	953	953	953	954	954	950	954	952	
Mar 8	955	955	956	956	957	957	958	958	959	959	959	959	959	958	958	958	958	958	959	959	959	959	959	955	959	958	
Mar 9	958	958	957	957	956	955	955	954	953	952	952	950	949	948	947	946	945	945	944	944	944	943	942	942	942	958	950
Mar 10	942	942	942	941	941	941	941	941	941	941	941	941	941	941	941	941	941	942	943	944	944	945	945	941	946	942	
Mar 11	946	947	947	947	948	948	949	949	950	950	950	950	950	950	950	950	950	951	951	951	951	951	951	946	952	950	
Mar 12	952	952	951	951	951	951	951	951	950	950	949	948	947	947	946	946	946	945	945	945	944	944	943	943	943	952	948
Mar 13	943	942	942	941	940	939	939	938	937	936	935	935	934	933	932	931	931	931	931	931	931	930	930	930	930	943	935
Mar 14	930	930	931	931	931	932	932	933	933	933	932	933	933	933	933	933	933	933	933	933	934	934	935	930	935	933	
Mar 15	935	935	936	936	936	937	937	938	938	938	939	939	939	940	940	940	941	941	941	942	943	944	945	945	945	945	939
Mar 16	946	946	947	947	948	948	949	949	949	949	949	950	950	950	950	950	950	949	949	949	949	949	949	949	949	950	949
Mar 17	949	948	948	948	948	948	948	948	948	948	948	948	947	947	947	946	946	946	945	945	945	945	945	945	945	949	947
Mar 18	945	945	945	945	945	945	945	945	945	945	945	945	944	944	944	944	944	944	943	943	943	943	944	943	945	944	
Mar 19	944	944	944	943	943	943	943	943	943	943	943	943	942	942	941	941	941	941	940	940	940	940	940	940	940	944	942
Mar 20	940	940	940	940	940	940	940	940	940	940	940	941	940	940	940	940	940	940	940	940	940	941	941	941	940	941	940
Mar 21	941	941	941	941	941	941	941	941	941	941	941	940	940	939	939	938	937	936	935	935	935	934	933	933	941	939	
Mar 22	933	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	931	931	931	931	931	931	931	931	931	933	932
Mar 23	931	931	931	932	932	932	932	933	933	934	934	935	935	935	935	936	936	936	936	937	937	938	938	939	931	939	934
Mar 24	939	939	940	940	940	941	941	941	941	941	942	942	942	941	941	941	941	940	940	940	940	940	940	940	939	942	941
Mar 25	940	940	940	940	941	941	941	942	942	943	943	944	944	944	944	944	944	944	944	945	945	945	946	940	946	943	
Mar 26	946	947	947	948	948	949	949	950	951	951	952	953	953	953	954	954	955	955	955	956	957	957	958	946	958	952	
Mar 27	958	958	958	958	958	957	957	957	956	956	955	955	955	954	954	953	952	951	951	951	950	950	950	950	950	958	954
Mar 28	950	950	950	949	949	949	949	948	947	948	948	947	947	946	945	945	944	943	943	942	942	941	941	941	941	950	946
Mar 29	940	940	940	940	940	940	940	941	941	941	941	941	941	942	942	942	941	941	941	941	941	941	941	941	940	942	941
Mar 30	941	940	939	939	938	938	937	937	937	936	936	935	935	934	934	933	933	932	932	932	932	931	931	931	931	941	935
Mar 31	930	930	930	930	930	930	930	930	930	930	930	930	930	930	929	929	929	929	929	929	929	928	928	928	928	930	929
Diurnal Maximum	958	958	958	958	957	958	958	959	959	959	959	959	958	958	958	958	958	958	959	959	959	959	959	959	959	959	959
Diurnal Average	942	942	942	942	942	942	942	942	942	942	942	942	942	942	942	942	941	941	941	941	942	942	942	942	942	942	942

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

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



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

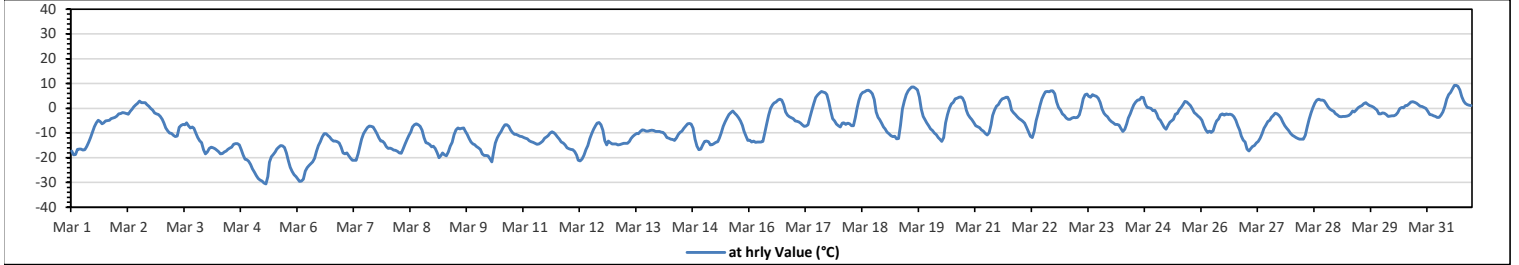
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	9.2 °C	on Mar 31 at hr 15	Hours in Service:	744
Maximum Daily Value:	2.0 °C	on Mar 31	Hours of Data:	744
Minimum Hourly Value:	-30.6 °C	on Mar 5 at hr 7	Hours of Missing Data:	0
Minimum Daily Value:	-23.0 °C	on Mar 5	Hours of Calibration:	0
Monthly Average:	-7.5 °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
Mar 1	-17.3	-18.8	-18.7	-16.7	-16.5	-16.5	-16.9	-16.8	-15.4	-13.8	-11.8	-9.7	-7.5	-5.9	-4.8	-5.4	-6.3	-5.9	-5.2	-5	-4.8	-4.2	-4	-3.7	-18.8	-3.7	-10.5
Mar 2	-3.2	-2.3	-2.1	-1.8	-1.9	-2.1	-2.4	-1.3	-0.3	0.5	1.3	2	2.9	2.2	2.3	2.2	1.5	0.8	0	-0.8	-1.9	-2.2	-2.5	-3.4	-3.4	2.9	-0.5
Mar 3	-4.5	-5.9	-8	-9.1	-10.1	-10.2	-10.9	-11.5	-11.2	-7.7	-6.9	-6.5	-6.7	-6	-7	-8	-7.6	-8.2	-10.1	-11.8	-13.1	-13.9	-16.8	-18.5	-18.5	-4.5	-9.6
Mar 4	-17.6	-16.3	-15.7	-16	-16.4	-16.9	-17.5	-18.5	-18.3	-17.6	-17.3	-16.6	-16.1	-15.7	-14.6	-14.3	-14.3	-14.9	-16.8	-19	-20.7	-20.8	-21.4	-22.7	-22.7	-14.3	-17.3
Mar 5	-24.5	-25.9	-27.3	-28.4	-29.1	-29.5	-30.2	-30.6	-27.6	-21.8	-19.6	-18.7	-17.6	-16.5	-15.7	-15.1	-15.2	-15.9	-18.1	-21.2	-23.8	-25.6	-26.8	-27.6	-30.6	-15.1	-23.0
Mar 6	-28.6	-29.6	-29.5	-28.6	-25.4	-24	-23.1	-22.5	-21.6	-20.2	-17.4	-15.1	-13.5	-11.6	-10.4	-10.3	-11	-11.6	-12.7	-13.3	-13.3	-13.5	-14	-15.7	-29.6	-10.3	-18.2
Mar 7	-18.1	-18.4	-18	-19.2	-20.1	-21.1	-21.1	-21	-18.4	-15.7	-12.6	-10.3	-9	-7.9	-7.2	-7.3	-7.6	-8.8	-10.3	-12	-13.3	-13.3	-14	-15.5	-21.1	-7.2	-14.2
Mar 8	-16.2	-16.1	-16.4	-17	-17.1	-17.4	-18	-18.2	-16.4	-14.5	-12.7	-10.9	-9.5	-7.6	-6.6	-6.3	-6.6	-7.4	-8.9	-11.9	-13.9	-14.2	-14.8	-15.6	-18.2	-6.3	-13.1
Mar 9	-15.3	-16.3	-17.9	-20	-19.1	-18.1	-18.8	-19.2	-17.6	-15.3	-13.8	-10.7	-8.7	-8	-8.4	-8.1	-8	-9.2	-10.6	-12.3	-13.6	-14.4	-14.8	-15.4	-20.0	-8.0	-13.9
Mar 10	-16	-16.7	-18.4	-19.1	-19.1	-19.2	-20.4	-21.6	-17.3	-14.1	-12	-10.6	-9.4	-7.9	-6.7	-6.7	-7.3	-8.9	-9.9	-10.6	-10.6	-10.9	-11.3	-11.5	-21.6	-6.7	-13.2
Mar 11	-11.8	-12.1	-12.4	-13.1	-13.5	-13.8	-14.2	-14.6	-14.5	-13.9	-13.2	-12.2	-11.6	-11	-10.1	-9.5	-9.9	-10.6	-11.6	-12.6	-13.6	-14.1	-14.9	-16	-16.0	-9.5	-12.7
Mar 12	-16.4	-16.6	-16.8	-17.5	-19	-21.1	-21.3	-20.5	-19	-16.8	-15.1	-12.4	-10.3	-8.5	-7	-6.1	-5.8	-6.6	-8.9	-13.1	-14.9	-13.2	-13.9	-14.4	-21.3	-5.8	-14.0
Mar 13	-14.5	-14.4	-14.9	-14.7	-14.4	-14.2	-14.2	-14.2	-13.4	-12.3	-11.3	-10.7	-10.2	-10.3	-9.4	-8.7	-8.8	-9.3	-9.2	-9	-8.8	-9	-9.4	-9.4	-14.9	-8.7	-11.4
Mar 14	-9.4	-9.6	-9.8	-10.6	-11.8	-12.2	-12.6	-12.7	-13	-12	-10.6	-9.8	-9.2	-8.1	-7.2	-6.3	-6.2	-6.4	-8.2	-12.6	-15.3	-16.8	-16.5	-14.9	-16.8	-6.2	-10.9
Mar 15	-13.4	-13.3	-13.5	-14.9	-14.8	-14.3	-13.8	-13.5	-12.2	-10	-7.4	-5.6	-4	-2.6	-1.8	-1.2	-2	-2.8	-3.9	-5.2	-6.9	-9.3	-11.2	-13	-14.9	-1.2	-8.8
Mar 16	-12.9	-13.6	-13.3	-13.8	-13.6	-13.7	-13.6	-13.4	-10	-6.3	-2.8	-0.1	1.3	2.1	2.5	3.2	3.7	3.3	1.4	-1.5	-2.8	-3.5	-3.9	-4.2	-13.8	3.7	-5.2
Mar 17	-5.2	-5.3	-5.5	-6.1	-6.7	-7.4	-7.2	-6.6	-3.7	-0.9	1.8	4.3	5.3	6.1	6.8	6.5	6.3	5.5	2.5	-1.2	-4.2	-5.2	-6.4	-7	-7.4	6.8	-1.4
Mar 18	-7.6	-6.1	-6	-6.5	-6.1	-6.3	-7.1	-7	-3.8	-0.2	3.1	5.4	6.4	6.7	7.1	7.3	6.8	5.9	3.5	-1.6	-3.7	-4.6	-6.1	-7.6	-7.6	7.3	-1.2
Mar 19	-8.4	-9.7	-10.4	-11	-11.4	-11.3	-12.4	-12.3	-6.9	-0.3	2.9	5.5	7	7.8	8.6	8.6	8.1	7.4	4.6	-0.4	-3.3	-4.5	-6	-7.1	-12.4	8.6	-2.3
Mar 20	-8.4	-9	-10.1	-10.7	-11.8	-12.5	-13.4	-11.8	-6	-2.5	0.1	1.7	2.4	3.8	4	4.4	4.6	4	2.4	-0.9	-2.6	-3.8	-4.6	-5.8	-13.4	4.6	-3.6
Mar 21	-7.1	-7.5	-7.9	-8.7	-9.3	-10.2	-10.8	-10	-6.6	-3	-0.8	0.8	1.5	2.8	3.8	4.1	4.5	4.4	2.7	-0.7	-1.8	-2.5	-3.5	-4.2	-10.8	4.5	-2.9
Mar 22	-4.7	-5.3	-6.1	-7.7	-9.5	-11.3	-11.8	-9.3	-5	-2.1	1	3.8	5.5	6.7	6.8	6.7	7	6.9	5.8	2.5	0.3	-0.7	-2.3	-2.9	-11.8	7.0	-1.1
Mar 23	-4	-4.5	-4.4	-4	-3.7	-3.9	-3.8	-2.7	0.2	3.8	5.4	5.7	4.8	4.5	5.4	5	4.8	4	2.4	-0.3	-2	-2.8	-3.5	-4.6	-4.6	5.7	0.1
Mar 24	-5.4	-4.9	-6.5	-6.5	-6.8	-8.3	-9.4	-8.5	-6.3	-4	-2.2	-0.2	1.3	2.5	3.3	3.4	4.5	4.3	1.7	0.3	0.2	-0.1	-1	-0.9	-9.4	4.5	-2.1
Mar 25	-2.2	-4.1	-4.9	-6.3	-7.8	-8.5	-6.9	-5.7	-5.1	-4.4	-2.4	-2.1	-0.6	0.3	1.5	2.7	2.5	1.8	1.1	-0.2	-1.8	-2.4	-3.2	-3.9	-8.5	2.7	-2.6
Mar 26	-4.9	-7.1	-8.7	-9.8	-9.3	-9.8	-9.1	-6.7	-5.2	-4.3	-2.7	-2.3	-2.8	-2.3	-2.5	-2.4	-2.7	-3.5	-4.9	-7.1	-8.8	-11.2	-12.9	-13.7	-13.7	-2.3	-6.4
Mar 27	-16.5	-17.3	-16.3	-15.5	-15	-14.1	-13.4	-12.2	-10.3	-8.1	-6.8	-5.4	-4.8	-3.8	-2.9	-2	-2.3	-2.9	-4	-5.7	-7	-8.1	-9	-10.2	-17.3	-2.0	-8.9
Mar 28	-10.9	-11.3	-11.9	-12.3	-12.6	-12.5	-12.5	-10.9	-7.6	-4.4	-1.9	0.3	2.1	3.3	3.6	3.3	3	1.9	0.5	-0.3	-0.9	-1.3	-2.1	-12.6	3.6	-3.8	
Mar 29	-2.7	-3.4	-3.5	-3.4	-3.4	-3.2	-2.9	-2.3	-1.2	-1.6	-0.8	0.2	0.6	1	1.9	2.2	1.6	1	0.8	0.4	-0.2	-0.8	-2.3	-2.2	-3.5	2.2	-1.0
Mar 30	-1.9	-2	-2.6	-3.4	-3.2	-3.1	-3.1	-2.7	-1.8	-0.2	0.3	0.2	1	1.1	1.7	2.5	2.6	2.4	2	1.5	0.8	0.6	0.3	-0.1	-3.4	2.6	-0.3
Mar 31	-1.3	-2.6	-2.7	-3.1	-3.4	-3.7	-3.8	-2.8	-1.5	0.7	3.7	5.4	6.4	7.8	9.1	9.2	8.9	7.4	4.7	2.8	2	1.5	1.2	1	-3.8	9.2	2.0
Diurnal Maximum	-1.3	-2.0	-2.1	-1.8	-1.9	-2.1	-2.4	-1.3	0.2	3.8	5.4	5.7	7.0	7.8	9.1	9.2	8.9	7.4	5.8	2.8	2.0	1.5	1.2	1.0			
Diurnal Average	-10.7	-11.2	-11.6	-12.1	-12.3	-12.6	-12.8	-12.3	-10.2	-7.8	-5.9	-4.3	-3.3	-2.4	-1.7	-1.5	-1.6	-2.3	-3.7	-5.9	-7.2	-7.9	-8.7	-9.4			

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

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



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

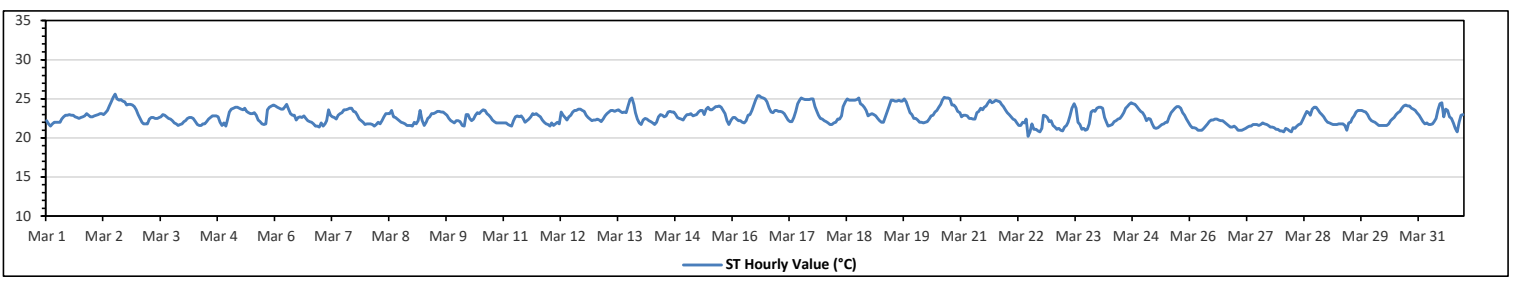
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	25.6	°C	on Mar 2 at hr 12	Hours in Service:	744
Maximum Daily Value:	24.0	°C	on Mar 2	Hours of Data:	744
Minimum Hourly Value:	20.2	°C	on Mar 22 at hr 11	Hours of Missing Data:	0
Minimum Daily Value:	21.4	°C	on Mar 27	Hours of Calibration:	0
Monthly Average:	22.7	°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
Mar 1	22.2	21.8	21.5	21.8	22.0	22.0	22.0	22.4	22.7	22.9	22.9	23.0	22.9	22.9	22.7	22.6	22.5	22.6	22.7	22.8	23.1	22.9	22.7	21.5	23.1	22.5	
Mar 2	22.7	22.8	22.9	23.0	23.1	23.1	23.0	23.2	23.5	24.1	24.6	25.2	25.6	25.0	24.8	24.9	24.7	24.6	24.2	24.3	24.2	24.0	23.6	22.7	25.6	24.0	
Mar 3	23.0	22.5	22.0	21.8	21.8	21.8	22.4	22.6	22.6	22.5	22.5	22.6	22.7	23.0	22.9	22.7	22.5	22.4	22.2	21.9	21.8	21.6	21.7	21.8	21.6	23.0	22.3
Mar 4	22.1	22.2	22.5	22.6	22.6	22.5	22.1	21.7	21.6	21.6	21.8	21.8	22.1	22.4	22.6	22.8	22.8	22.8	22.7	22.0	21.6	21.9	21.5	22.3	21.5	22.8	22.2
Mar 5	23.3	23.7	23.8	23.9	23.9	23.8	23.7	23.6	23.8	23.4	23.2	23.1	23.1	23.2	22.9	22.3	22.1	21.8	21.7	21.8	23.6	23.9	24.1	24.2	21.7	24.2	23.2
Mar 6	24.1	23.9	23.8	23.7	23.7	24.0	24.3	23.7	23.1	22.9	22.9	22.3	22.6	22.7	22.6	22.8	22.5	22.2	22.1	22.0	21.8	21.5	21.5	21.4	21.4	24.3	22.8
Mar 7	21.9	21.5	21.8	22.2	23.6	22.9	22.7	22.6	22.4	22.9	23.1	23.2	23.6	23.6	23.7	23.8	23.8	23.4	23.3	22.9	22.4	22.2	22.0	21.7	21.5	23.8	22.8
Mar 8	21.8	21.8	21.8	21.7	21.5	21.7	22.0	21.8	22.2	22.7	23.1	23.1	23.1	23.5	22.7	22.6	22.4	22.2	22.0	21.9	21.8	21.6	21.6	21.6	21.5	23.5	22.2
Mar 9	21.5	22.0	21.8	22.2	23.5	22.3	21.6	22.0	22.5	22.7	23.1	23.1	23.2	23.4	23.4	23.3	23.3	23.1	22.9	22.5	22.2	22.1	21.9	22.2	21.5	23.5	22.6
Mar 10	22.2	22.1	21.6	21.5	23.0	23.0	22.5	22.2	22.4	22.9	23.2	23.1	23.4	23.6	23.5	23.1	22.9	22.6	22.3	22.1	21.9	21.9	21.9	21.9	21.5	23.6	22.5
Mar 11	21.9	21.9	21.7	21.6	21.5	22.2	22.7	22.8	22.7	22.8	22.5	22.0	22.2	22.4	22.7	23.1	23.0	23.1	22.9	22.7	22.3	22.0	21.8	21.7	21.5	23.1	22.3
Mar 12	21.5	21.9	21.6	21.8	22.0	21.8	23.3	22.9	22.6	22.3	22.7	22.9	23.3	23.5	23.5	23.7	23.7	23.5	23.4	22.9	22.6	22.4	22.2	22.2	21.5	23.7	22.7
Mar 13	22.3	22.4	22.3	22.1	22.4	22.8	23.1	23.3	23.5	23.5	23.4	23.5	23.6	23.4	23.2	23.3	23.2	24.1	24.9	25.1	24.3	23.2	22.4	21.9	21.9	25.1	23.2
Mar 14	21.7	22.3	22.5	22.4	22.2	22.1	21.9	21.7	22.0	22.7	23.0	22.9	22.7	22.8	23.3	23.4	23.3	23.3	23.0	22.6	22.5	22.4	22.3	22.7	21.7	23.4	22.6
Mar 15	23.0	23.0	23.1	22.8	22.9	23.0	23.3	23.5	23.5	23.0	23.7	23.9	23.6	23.6	23.8	24.0	24.0	24.1	23.9	23.5	23.1	22.2	21.7	22.3	21.7	24.1	23.3
Mar 16	22.6	22.6	22.4	22.2	22.2	22.0	21.9	22.2	22.9	23.0	23.5	24.2	24.9	25.4	25.4	25.2	25.1	25.0	24.6	23.8	23.3	23.2	23.5	23.5	21.9	25.4	23.5
Mar 17	23.4	23.4	23.3	23.1	22.7	22.3	22.1	22.1	22.6	23.4	24.4	24.8	25.1	25.0	24.9	24.9	24.9	25.0	25.0	24.0	23.4	22.9	22.5	22.4	22.1	25.1	23.7
Mar 18	22.2	22.1	21.9	21.7	21.7	21.9	22.0	22.4	22.4	23.8	24.0	24.6	25.0	24.8	24.8	24.8	24.9	25.1	24.4	24.2	23.9	23.5	22.8	21.7	25.1	23.4	
Mar 19	23.0	23.1	23.0	22.8	22.5	22.2	22.0	22.0	22.7	23.4	24.1	24.8	24.8	24.7	24.7	24.8	24.7	24.7	25.0	24.6	23.9	23.2	23.0	22.5	22.0	25.0	23.6
Mar 20	22.5	22.3	22.0	22.0	21.9	22.0	22.1	22.4	22.8	22.9	23.3	23.5	23.9	24.3	24.8	25.2	25.1	25.1	25.0	24.2	24.2	23.9	23.4	23.2	21.9	25.2	23.4
Mar 21	22.7	22.9	22.9	22.8	22.5	22.5	22.4	22.4	23.2	23.4	23.8	23.6	23.9	24.1	24.5	24.8	24.5	24.6	24.8	24.7	24.6	24.3	24.0	23.6	22.4	24.8	23.6
Mar 22	23.2	23.0	22.7	22.4	22.3	21.9	21.6	21.6	22.0	21.9	22.4	20.2	20.8	21.8	21.1	21.1	20.9	20.8	21.2	22.9	22.8	22.6	22.1	22.2	20.2	23.2	21.9
Mar 23	21.6	21.4	21.1	21.2	21.0	20.9	21.4	21.6	22.0	22.8	23.8	24.4	23.8	22.0	21.7	21.1	21.2	21.0	21.1	21.8	23.3	23.5	23.4	23.8	20.9	24.4	22.1
Mar 24	23.9	23.9	23.8	22.6	22.0	21.5	21.6	21.7	22.1	22.2	22.4	22.5	22.8	23.2	23.8	24.0	24.3	24.5	24.4	24.3	24.0	23.7	23.4	23.2	21.5	24.5	23.2
Mar 25	22.8	22.2	22.5	22.4	21.8	21.3	21.2	21.3	21.5	21.7	21.8	22.0	22.0	22.7	23.2	23.5	23.8	24.0	24.0	23.8	23.2	22.9	22.4	22.0	21.2	24.0	22.5
Mar 26	21.6	21.3	21.3	21.2	21.0	21.0	21.0	21.2	21.5	21.8	22.1	22.3	22.3	22.4	22.4	22.3	22.2	22.2	22.0	21.8	21.6	21.4	21.4	21.5	21.0	22.4	21.7
Mar 27	21.3	21.0	21.0	21.0	21.1	21.2	21.4	21.5	21.5	21.7	21.7	21.7	21.6	21.7	21.9	21.8	21.7	21.6	21.4	21.4	21.3	21.1	21.1	20.9	20.9	21.9	21.4
Mar 28	20.9	20.8	21.2	21.1	20.9	20.8	21.3	21.2	21.5	21.7	21.8	22.3	22.9	23.4	23.2	22.9	23.7	23.9	23.9	23.6	23.2	23.0	22.7	22.3	20.8	23.9	22.3
Mar 29	22.0	21.9	21.8	21.7	21.7	21.8	21.8	21.8	21.6	21.0	21.9	22.0	22.5	22.8	23.3	23.5	23.5	23.5	23.4	23.3	23.0	22.5	22.2	21.0	23.5	22.3	
Mar 30	22.1	22.0	21.8	21.6	21.6	21.6	21.6	21.6	21.8	22.2	22.4	22.6	23.0	23.2	23.4	23.8	24.1	24.2	24.1	24.1	23.8	23.7	23.5	23.2	21.6	24.2	22.8
Mar 31	22.9	22.5	22.1	21.8	21.9	21.7	21.7	21.8	22.1	22.5	23.6	24.4	24.5	22.7	23.7	23.5	22.7	22.5	21.9	21.2	20.8	22.0	22.9	23.0	20.8	24.5	22.5
Diurnal Maximum	24.1	23.9	23.8	23.9	23.9	24.0	24.3	23.7	23.8	24.1	24.6	25.2	25.6	25.4	25.4	25.2	25.1	25.1	25.1	25.1	24.6	24.3	24.1	24.2			
Diurnal Average	22.4	22.3	22.2	22.2	22.2	22.1	22.2	22.2	22.4	22.6	23.0	23.1	23.3	23.3	23.4	23.4	23.4	23.3	23.3	23.1	22.9	22.7	22.5	22.5			

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

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



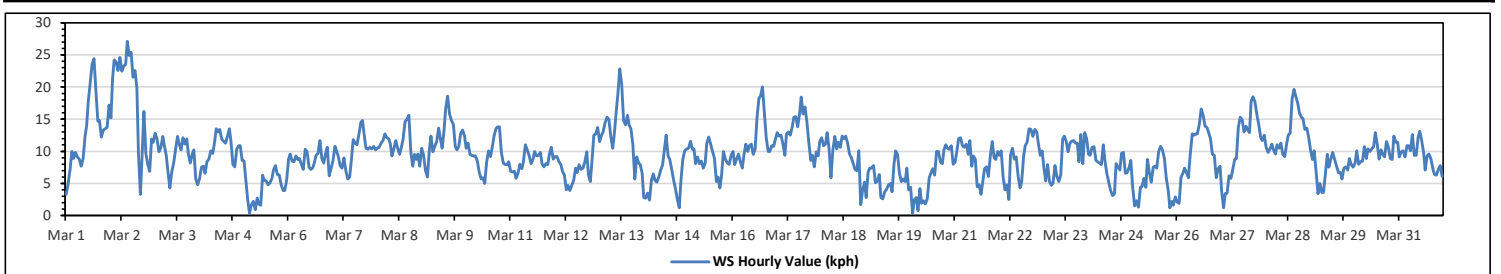
Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	27.1 kph	on Mar 2 at hr 9	Hours in Service:	744
Maximum Daily Value:	17.9 kph	on Mar 2	Hours of Data:	744
Minimum Hourly Value:	0.3 kph	on Mar 20 at hr 1	Hours of Missing Data:	0
Minimum Daily Value:	4.5 kph	on Mar 5	Hours of Calibration:	0
Monthly Average:	1.4 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
Mar 1	3.3	4.9	7.1	10.0	8.9	9.8	9.1	8.8	7.7	8.9	12.3	14.0	17.7	20.6	23.5	24.4	19.4	14.7	14.8	12.2	13.3	13.5	13.7	17.2	3.3	24.4	12.9
Mar 2	15.2	21.3	24.2	23.9	22.6	24.6	22.5	23.3	23.5	27.1	24.9	25.4	21.5	22.6	19.9	9.6	3.3	9.0	16.2	9.7	8.0	6.9	11.9	11.4	3.3	27.1	17.9
Mar 3	12.8	11.9	9.9	10.6	12.3	10.9	9.3	6.9	4.3	6.8	8.2	10.3	12.3	11.2	10.2	12.1	11.1	11.9	9.6	8.2	9.6	10.2	5.7	4.8	4.3	12.8	9.6
Mar 4	5.8	7.5	7.7	6.6	8.4	8.8	10.1	9.7	11.2	13.5	13.0	13.4	11.9	11.6	11.3	12.3	13.5	11.6	8.0	7.6	10.3	10.9	10.9	8.6	5.8	13.5	10.2
Mar 5	8.5	5.8	2.6	0.4	1.7	2.2	0.9	2.7	1.8	1.6	6.3	5.5	5.4	4.8	5.1	5.8	7.1	7.8	6.4	6.3	4.8	3.9	3.9	5.5	0.4	8.5	4.5
Mar 6	8.8	9.6	8.5	8.4	9.3	8.7	8.9	8.0	7.2	10.3	9.9	7.5	7.2	7.4	8.1	9.4	9.7	11.7	8.9	8.2	9.5	10.6	6.2	7.4	6.2	11.7	8.7
Mar 7	8.6	10.8	10.1	9.1	7.8	7.4	9.0	7.0	5.7	6.0	8.5	11.8	11.3	11.0	12.7	14.5	14.8	12.3	10.5	10.3	10.6	10.4	10.8	10.2	5.7	14.8	10.1
Mar 8	10.5	10.6	11.3	11.7	12.7	12.1	12.0	11.2	9.3	10.4	11.7	10.5	9.5	10.7	11.9	14.6	15.0	15.6	10.0	7.7	9.5	8.7	9.6	7.7	7.7	15.6	11.0
Mar 9	10.5	9.4	7.0	6.0	10.2	12.4	9.9	10.8	11.5	13.6	11.8	10.5	13.3	16.7	18.6	15.8	14.8	14.2	10.8	10.2	10.8	12.8	13.3	12.4	6.0	18.6	12.0
Mar 10	10.5	11.3	9.5	9.4	9.3	9.3	8.5	6.7	5.7	5.9	5.0	8.3	10.1	9.2	10.5	12.3	13.5	13.8	13.8	9.8	8.2	7.9	7.9	8.4	5.0	13.8	9.4
Mar 11	6.9	6.8	6.9	5.8	6.6	8.0	7.3	8.4	11.0	10.2	9.3	8.1	8.8	10.0	9.3	9.4	9.8	8.1	7.6	8.1	7.9	9.5	10.6	8.8	5.8	11.0	8.5
Mar 12	9.2	9.2	8.4	7.9	6.9	6.3	4.0	4.7	3.9	4.7	5.5	7.4	6.7	7.9	7.2	7.4	8.4	9.9	6.4	5.3	8.4	12.5	12.7	13.7	3.9	13.7	7.7
Mar 13	11.5	12.5	13.0	14.4	15.3	15.0	12.3	10.5	12.7	16.2	18.8	22.8	20.5	14.8	14.1	15.6	14.1	13.5	11.0	5.7	9.1	8.2	7.9	6.6	5.7	22.8	13.2
Mar 14	2.8	2.7	3.5	2.4	5.5	6.5	5.5	5.2	6.0	7.1	7.9	10.5	12.5	9.3	8.8	7.3	5.6	4.2	2.5	1.2	5.3	8.8	10.1	10.4	1.2	12.5	6.3
Mar 15	10.5	11.6	10.3	10.4	8.1	9.1	8.1	8.5	7.4	8.2	11.3	12.2	11.1	10.0	8.9	5.3	6.0	4.3	6.2	10.0	8.8	8.2	8.0	9.4	4.3	12.2	8.8
Mar 16	10.0	7.9	8.8	9.6	8.3	7.4	9.4	11.1	10.0	10.9	11.1	9.5	10.3	15.3	18.3	18.6	20.0	15.9	12.0	10.0	10.0	10.9	10.8	11.8	7.4	20.0	11.6
Mar 17	12.9	12.4	12.5	11.1	9.4	12.7	13.0	12.5	13.8	15.3	15.4	13.8	15.9	18.4	15.8	16.9	14.5	11.3	8.6	9.4	7.6	9.9	9.3	11.5	7.6	18.4	12.7
Mar 18	12.1	10.9	11.1	12.9	10.5	5.9	10.2	12.3	10.4	11.4	10.6	12.4	12.0	12.4	11.3	9.6	9.0	8.2	7.2	7.0	10.1	1.7	4.0	5.2	1.7	12.9	9.5
Mar 19	2.8	6.7	7.4	7.4	7.8	5.1	5.4	6.4	2.8	2.6	3.7	4.1	4.8	5.0	3.7	8.0	10.1	9.5	6.6	5.3	5.7	5.3	7.4	4.0	2.6	10.1	5.7
Mar 20	4.4	0.3	2.5	2.8	0.8	4.2	1.9	2.3	1.8	2.6	5.9	6.7	7.3	6.3	10.0	10.0	8.4	8.1	10.2	11.0	10.5	10.3	10.9	8.0	0.3	11.0	6.1
Mar 21	8.3	10.2	12.0	12.1	10.9	10.6	11.1	9.5	11.7	7.7	9.3	8.8	4.5	4.8	3.3	5.5	7.3	7.6	6.1	9.3	11.5	9.0	8.7	10.0	3.3	12.1	8.7
Mar 22	9.4	10.1	6.0	4.0	4.8	2.5	9.4	10.5	8.8	9.1	6.1	4.3	5.3	9.2	10.9	11.4	13.5	13.4	12.3	13.4	13.0	11.3	9.4	10.1	2.5	13.5	9.1
Mar 23	7.2	5.4	7.9	5.3	4.7	5.1	7.8	6.1	5.3	6.3	11.8	12.4	11.6	9.9	11.3	11.6	11.7	11.3	11.3	8.4	12.6	8.1	12.9	12.0	4.7	12.9	9.1
Mar 24	9.5	9.4	10.6	10.7	8.6	8.4	8.2	7.9	11.0	8.6	6.6	5.2	3.9	3.1	3.4	8.1	7.5	7.1	9.7	9.8	6.6	6.7	7.5	8.6	3.1	11.0	7.8
Mar 25	4.3	1.5	2.3	1.3	4.4	4.5	5.8	4.4	8.7	6.7	5.2	7.5	7.7	7.4	9.9	10.8	10.2	8.9	5.8	3.9	1.2	2.2	1.6	2.9	1.2	10.8	5.4
Mar 26	2.1	1.9	6.0	6.6	7.4	6.7	5.9	9.7	12.7	12.5	12.7	12.7	14.2	16.6	15.6	13.9	13.7	12.8	12.0	9.5	9.4	5.9	7.3	7.7	1.9	16.6	9.8
Mar 27	3.7	1.2	3.4	3.5	6.2	5.8	7.3	8.8	8.9	13.7	15.3	14.9	13.0	13.9	13.3	12.9	17.8	18.5	17.7	15.7	14.1	12.1	11.7	12.5	1.2	18.5	11.1
Mar 28	10.6	9.8	10.4	11.1	10.2	9.6	11.0	10.5	11.3	9.5	9.2	11.2	12.5	12.8	18.1	19.6	18.5	17.4	16.0	15.3	15.1	13.4	13.6	12.1	9.2	19.6	12.9
Mar 29	10.1	8.7	10.1	6.9	3.4	5.0	3.6	3.6	6.4	9.5	7.5	8.8	9.8	8.7	7.7	6.7	6.7	5.7	7.4	7.6	7.1	8.9	7.9	7.5	3.4	10.1	7.3
Mar 30	8.2	10.1	8.0	8.4	8.5	10.7	8.9	10.4	10.0	10.4	10.8	12.9	11.2	8.8	10.2	9.6	9.1	11.5	10.6	8.9	8.7	12.4	11.4	11.4	8.0	12.9	10.0
Mar 31	9.1	9.9	10.1	9.1	10.9	10.9	10.1	12.6	9.4	9.4	12.2	13.1	11.7	9.8	7.1	9.3	9.6	8.8	7.3	6.4	6.3	7.2	7.8	6.1	6.1	13.1	9.3
Diurnal Maximum	15.2	21.3	24.2	23.9	22.6	24.6	22.5	23.3	23.5	27.1	24.9	25.4	21.5	22.6	19.9	9.6	3.3	9.0	16.2	9.7	8.0	6.9	11.9	11.4	3.3	27.1	17.9
Diurnal Average	8.4	8.5	8.7	8.4	8.5	8.6	8.6	8.7	8.8	9.6	10.3	10.9	10.8	11.0	11.3	11.6	11.4	10.9	9.8	8.8	9.1	9.0	9.2	9.2			

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

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

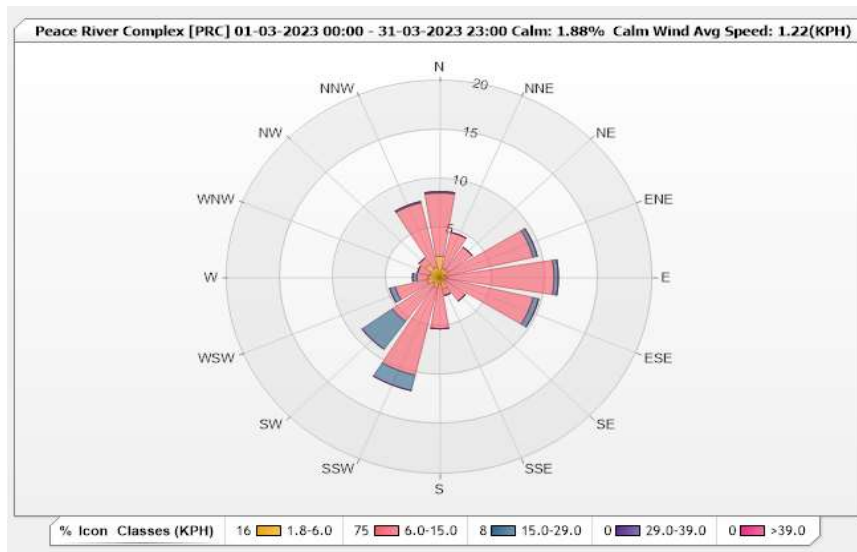


Station: Peace River Complex [PRC] Monitor: WDS [KPH] Monthly: 03-2023

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

Calm (WS<1.8kph): 1.88% Valid Data: 100.00%

Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	2.15	6.45	0.13	0	0	8.73
NNE	0.94	3.76	0	0	0	4.7
NE	0.94	2.82	0	0	0	3.76
ENE	0.54	8.47	0.4	0	0	9.41
E	0.67	10.08	0.4	0	0	11.15
ESE	0.54	8.47	0.54	0	0	9.55
SE	0.27	2.69	0	0	0	2.96
SSE	1.21	0.67	0	0	0	1.88
S	0.67	4.57	0	0	0	5.24
SSW	1.08	9.14	1.61	0	0	11.83
SW	0.81	4.7	3.49	0	0	9
WSW	1.21	3.09	0.54	0	0	4.84
W	1.08	1.08	0.4	0	0	2.56
WNW	0.94	1.21	0	0	0	2.15
NW	1.61	0.81	0	0	0	2.42
NNW	1.08	6.72	0.13	0	0	7.93
Summary	15.74	74.73	7.64	0	0	98.11

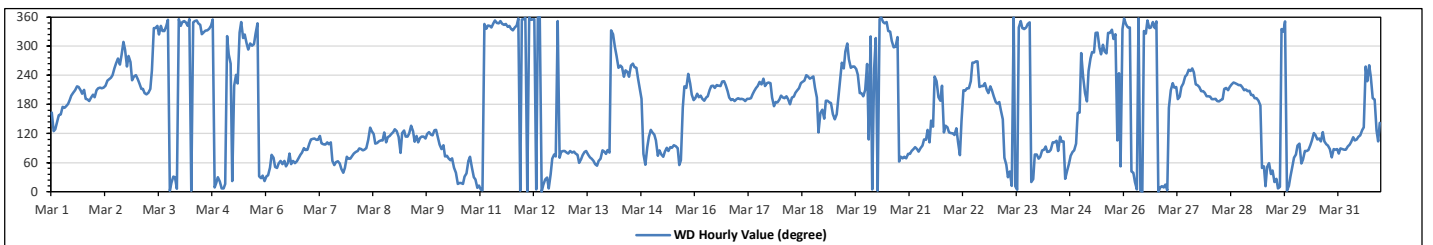


Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

WIND DIRECTION (VWD) in sector

Monthly Average:		132 (SE) 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				
Mar 1	SSE	SE	SE	SE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SSW	SSW	SSW	S	S	S	SSW	SSW	193	S				
Mar 2	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	W	W	W	NW	WNW	WSW	W	W	SW	SW	WSW	238	SW			
Mar 3	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	310	NW
Mar 4	NNW	N	N	NNW	NNW	N	N	NNW	N	N	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	351	N			
Mar 5	N	NNE	NW	W	W	NNE	SW	WSW	SW	NNW	N	NW	NW	NW	WNW	NW	WNW	NW	NNW	NNE	NNE	NNE	NNE	NNE	NNE	334	NNW			
Mar 6	NNE	NE	NE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	E	63	ENE			
Mar 7	E	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	NE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	80	E			
Mar 8	ENE	ENE	E	E	E	E	E	E	E	ESE	SE	SE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	101	E			
Mar 9	SE	SE	ESE	E	ESE	SE	ESE	ESE	ESE	SE	SE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	117	ESE			
Mar 10	ESE	E	E	E	ENE	ENE	ENE	ENE	ENE	NE	NE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	NE	NNE	NNE	N	NNE	N	52	NE			
Mar 11	N	N	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	347	NNW		
Mar 12	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	33	NNE			
Mar 13	E	ENE	E	E	E	ENE	ENE	ENE	ENE	ENE	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	ENE	E	E	74	ENE			
Mar 14	E	NNW	NW	WNW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	242	WSW			
Mar 15	ESE	ESE	ESE	ENE	E	ENE	ENE	E	E	E	E	E	E	E	E	NE	ENE	S	SSW	SSW	SSW	SSW	SSW	SSW	S	110	ESE			
Mar 16	S	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	207	SSW			
Mar 17	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	205	SSW			
Mar 18	SSW	SSW	S	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	209	SSW			
Mar 19	SSE	S	S	S	S	SSE	SSE	SSE	S	SW	W	WSW	WNW	NW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	219	SW			
Mar 20	W	ESE	NW	N	WSW	NW	N	N	N	N	NNW	N	NNW	N	NNW	NW	WNW	WNW	WNW	WNW	ENE	ENE	ENE	ENE	ENE	6	N			
Mar 21	ENE	E	E	E	E	E	E	E	ESE	ESE	SE	E	SE	SE	SW	SW	SSW	S	SW	ESE	SE	SE	ESE	ESE	115	ESE				
Mar 22	ESE	ESE	SE	ESE	ENE	SE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	209	SSW			
Mar 23	S	S	S	SSE	SSE	ENE	NE	NNE	NE	NNE	N	NNE	N	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	15	NNE			
Mar 24	ENE	ENE	E	E	E	E	E	E	E	E	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	88	E			
Mar 25	WNW	SW	SSW	S	WSW	W	WNW	WNW	NW	NNW	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NNW	NW	NW	ESE	WSW	NE	NNW	304	WNW			
Mar 26	N	NNW	NNW	NNW	NE	NE	NNE	N	N	N	N	NNW	NW	N	NNW	NNW	N	NNW	N	N	N	N	NNE	N	NNE	354	N			
Mar 27	N	S	SSW	SW	SSW	SW	S	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	222	SW			
Mar 28	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	209	SSW			
Mar 29	SSW	S	S	S	S	NE	NE	NNE	NE	ENE	NE	NE	NNE	NNE	N	N	NNW	NNW	N	N	NNE	NNE	NE	ENE	32	NNE				
Mar 30	ENE	E	E	ENE	ENE	E	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	95	E			
Mar 31	ENE	E	E	E	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	118	ESE			
C	Monthly Calibration																		S	Daily Zero-Span Check				Q	Quality Assurance					
K	Collection Error																		ND	No Data (Machine Not in Service)				Y	Routine Maintenance					
X	Invalid Data (Machine Malfunction/Recovery)																		NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)				P	Power Failure					

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



Peace River Area Monitoring Program
Peace River Complex (PRC) Station - March 2023
Summary of Hourly Averages

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

WIND SPEED	
Maximum Hourly Value:	27.1 kph on Mar 2 at hr 9
Maximum Daily Value:	17.9 kph on Mar 2
Minimum Hourly Value:	0.3 kph on Mar 20 at hr 1
Minimum Daily Value:	4.5 kph on Mar 5
Monthly Average:	1.4 kph
Hours in Service:	744
Hours of Data:	744
Hours of Missing Data:	0
Hours of Calibration:	0
Operational Uptime:	100.0

WIND DIRECTION	
Monthly Average:	132 degree (SE)

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	
Mar 1	3.3	4.9	7.1	10.0	8.9	9.8	9.1	8.8	7.7	8.9	12.3	14.0	17.7	20.6	23.5	24.4	19.4	14.7	14.8	12.2	13.3	13.5	13.7	17.2	3.3	24.4	12.9	
Mar 2	SSE	SE	SE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	SSW	SSW	3.3	27.1	17.9	
Mar 3	15.2	21.3	24.2	23.9	22.6	24.6	22.5	23.3	23.5	27.1	24.9	25.4	21.5	22.6	19.9	9.6	3.3	9.0	16.2	9.7	8.0	6.9	11.9	11.4	4.3	12.8	9.6	
Mar 4	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	W	W	W	NW	WNW	WSW	W	W	SW	SW	WSW	WSW	5.8	13.5	10.2	
Mar 5	12.8	11.9	9.9	10.6	12.3	10.9	9.3	6.9	4.3	6.8	8.2	10.3	12.3	11.2	10.2	12.1	11.1	11.9	9.6	8.2	9.6	10.2	5.7	4.8	5.8	13.5	10.2	
Mar 6	5.8	7.5	7.7	6.6	8.4	8.8	10.1	9.7	11.2	13.5	13.0	13.4	11.9	11.6	11.3	12.3	13.5	11.6	8.0	7.6	10.3	10.9	10.9	8.6	5.8	13.5	10.2	
Mar 7	NNW	N	NNW	NNW	N	NNW	N	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	N	0.4	8.5	4.5	
Mar 8	8.5	5.8	2.6	0.4	1.7	2.2	0.9	2.7	1.8	1.6	6.3	5.5	5.4	4.8	5.1	5.8	7.1	7.8	6.4	6.3	4.8	3.9	3.9	5.5	0.4	8.5	4.5	
Mar 9	N	NNE	NW	W	W	NNE	SW	WSW	SW	NNW	N	NW	NW	NW	WNW	NW	WNW	WNW	NW	NNW	NNE	NNE	NNE	NNE	6.2	11.7	8.7	
Mar 10	8.8	9.6	8.5	8.4	9.3	8.7	8.9	8.0	7.2	10.3	9.9	7.5	7.2	7.4	8.1	9.4	9.7	11.7	8.9	8.2	9.5	10.6	6.2	7.4	6.2	11.7	8.7	
Mar 11	NNE	NE	NE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	5.7	14.8	10.1	
Mar 12	8.6	10.8	10.1	9.1	7.8	7.4	9.0	7.0	5.7	6.0	8.5	11.8	11.3	11.0	12.7	14.5	14.8	12.3	10.5	10.3	10.6	10.4	10.8	10.2	5.7	14.8	10.1	
Mar 13	E	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	E	ENE	NE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	7.7	15.6	11.0	
Mar 14	10.5	10.6	11.3	11.7	12.7	12.1	12.0	11.2	9.3	10.4	11.7	10.5	9.5	10.7	11.9	14.6	15.0	15.6	10.0	7.7	9.5	8.7	9.6	7.7	7.7	15.6	11.0	
Mar 15	ENE	ENE	E	E	E	E	E	E	E	ESE	SE	SE	SE	E	E	ESE	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	6.0	18.6	12.0	
Mar 16	10.5	9.4	7.0	6.0	10.2	12.4	9.9	10.8	11.5	13.6	11.8	10.5	13.3	16.7	18.6	15.8	14.8	14.2	10.8	10.2	10.8	12.8	13.3	12.4	6.0	18.6	12.0	
Mar 17	SE	SE	ESE	E	ESE	SE	ESE	ESE	ESE	SE	SE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	5.0	13.8	9.4	
Mar 18	10.5	11.3	9.5	9.4	9.3	9.3	8.5	6.7	5.7	5.9	5.0	8.3	10.1	9.2	10.5	12.3	13.5	13.8	13.8	9.8	8.2	7.9	7.9	8.4	5.0	13.8	9.4	
Mar 19	ESE	E	E	E	ENE	ENE	ENE	ENE	ENE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	NE	NNE	NNE	N	NNE	5.8	11.0	8.5	
Mar 20	6.9	6.8	6.9	5.8	6.6	8.0	7.3	8.4	11.0	10.2	9.3	8.1	8.8	10.0	9.3	9.4	9.8	8.1	7.6	8.1	7.9	9.5	10.6	8.8	5.8	11.0	8.5	
Mar 21	N	N	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	3.9	13.7	7.7	
Mar 22	9.2	9.2	8.4	7.9	6.9	6.3	4.0	4.7	3.9	4.7	5.5	7.4	6.7	7.9	7.2	7.4	8.4	9.9	6.4	5.3	8.4	12.5	12.7	13.7	3.9	13.7	7.7	
Mar 23	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N	NE	ENE	ENE	ENE	ENE	N	ENE	E	E	5.7	22.8	13.2	
Mar 24	11.5	12.5	13.0	14.4	15.3	15.0	12.3	10.5	12.7	16.2	18.8	22.8	20.5	14.8	14.1	15.6	14.1	13.5	11.0	5.7	9.1	8.2	7.9	6.6	5.7	22.8	13.2	
Mar 25	E	ENE	E	E	ENE	ENE	ENE	ENE	ENE	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	1.2	12.5	6.3	
Mar 26	2.8	2.7	3.5	2.4	5.5	6.5	5.5	5.2	6.0	7.1	7.9	10.5	12.5	9.3	8.8	7.3	5.6	4.2	2.5	1.2	5.3	8.8	10.1	10.4	1.2	12.5	6.3	
Mar 27	E	NNW	NW	WNW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SSW	S	ENE	NE	E	ESE	SE	4.3	12.2	8.8	
Mar 28	10.5	11.6	10.3	10.4	8.1	9.1	8.1	8.5	7.4	8.2	11.3	12.2	11.1	10.0	8.9	5.3	6.0	4.3	6.2	10.0	8.8	8.2	8.0	9.4	4.3	12.2	8.8	
Mar 29	ESE	ESE	ESE	ENE	E	ENE	ENE	E	E	E	E	E	E	E	E	ENE	S	SW	SSW	WSW	SSW	SSW	SSW	S	4.3	12.2	8.8	
Mar 30	10.0	7.9	8.8	9.6	8.3	7.4	9.4	11.1	10.0	10.9	11.1	9.5	10.3	15.3	18.3	18.6	20.0	15.9	12.0	10.0	10.0	10.9	10.8	11.8	7.4	20.0	11.6	
Mar 31	S	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	5.7	20.0	11.6	
Mar 1	12.9	12.4	12.5	11.1	9.4	12.7	13.0	12.5	13.8	15.3	15.4	13.8	15.9	18.4	15.8	16.9	14.5	11.3	8.6	9.4	7.6	9.9	9.3	11.5	7.6	18.4	12.7	
Mar 2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	5.7	18.4	12.7	
Mar 3	12.1	10.9	11.1	12.9	10.5	5.9	10.2	12.3	10.4	11.4	10.6	12.4	12.0	12.4	11.3	9.6	9.0	8.2	7.2	7.0	10.1	1.7	4.0	5.2	1.7	12.9	9.5	
Mar 4	SSW	SSW	S	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	ESE	SSE	2.6	10.1	5.7	
Mar 5	2.8	6.7	7.4	7.4	7.8	5.1	5.4	6.4	2.8	2.6	3.7	4.1	4.8	5.0	3.7	8.0	10.1	9.5	6.6	5.3	5.7	5.3	7.4	4.0	2.6	10.1	5.7	
Mar 6	SSE	S	S	S	S	SSE	SSE	SSE	S	SW	W	WSW	WNW	NW	W	WSW	WSW	WSW	WSW	WSW	WSW	SSW	SSW	SSW	0.3	11.0	6.1	
Mar 7	4.4	0.3	2.5	2.8	0.8	4.2	1.9	2.3	1.8	2.6	5.9	6.7	7.3	6.3	10.0	10.0	8.4	8.1	10.2	11.0	10.5	10.3	10.9	8.0	0.3	11.0	6.1	
Mar 8	W	ESE	NW	N	WSW	NW	N	N	N	N	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	6.0	11.0	6.1	
Mar 9	8.3	10.2	12.0	12.1	10.9	10.6	11.1	9.5	11.7	7.7	9.3	8.8	4.5	4.8	3.3	5.5	7.3	7.6	6.1	9.3	11.5	9.0	8.7	10.0	3.3	12.1	8.7	
Mar 10	ENE	E	E	E	E	E	E	E	ESE	ESE	SE	E	SE	SE	SW	SSW	S	SW	ESE	SE	ESE	ESE	ESE	ESE	3.3	12.1	8.7	
Mar 11	9.4	10.1	6.0	4.0	4.8	2.5	9.4	10.5	8.8	9.1	6.1	4.3	5.3	9.2	10.9	11.4	13.5	13.4	12.3	13.4	13.0	11.3	9.4	10.1	2.5	13.5	9.1	
Mar 12	ESE	ESE	SE	ESE	ENE	SE	SSW	SSW	SSW	SSW	SW	W	W	W	W	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	2.5	13.5	9.1	
Mar 13	7.2	5.4	7.9	5.3	4.7	5.1	7.8	6.1	5.3	6.3	11.8	12.4	11.6	9.9	11.3	11.6	11.7	11.3	11.3	8.4	12.6	8.1	12.9	12.0	4.7	12.9	9.1	
Mar 14	S	S	S	SSE	SSE	ENE	NE	NNE	NE	NNE	N	NNE	N	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	4.7	12.9	9.1	
Mar 15	9.5	9.4	10.6	10.7	8.6	8.4	8.2	7.9	11.0	8.6	6.6	5.2	3.9	3.1	3.4	8.1	7.5	7.1	9.7	9.8	6.6	6.7	7.5	8.6	3.1	11.0	7.8	
Mar 16	ENE	ENE	E	E	E	E	E	E	E	E	ESE	E	ESE	ESE	ESE	NNE	NE	ENE	ENE	E	E	E	SSE	ESE	3.1	11.0	7.8	
Mar 17	4.3	1.5	2.3	1.3	4.4	4.5	5.8	4.4	8.7	6.7	5.2	7.5	7.7	7.4	9.9	10.8	10.2	8.9	5.8	3.9	1.2	2.2	1.6	2.9	1.2	10.8	5.4	
Mar 18	WNW	SW	SSW	S	WSW	W	WNW	WNW	NW	NNW	WNW	W	WNW	WNW	WNW	NW	NNW	NW	NNW	NW	ENE	SSW	NE	NNW	1.2	10.8	5.4	
Mar 19	2.1	1.9	6.0	6.6	7.4	6.7	5.9	9.7	12.7	12.5	12.7	12.7	14.2	16.6	15.6	13.9	13.7	12.8	12.0	9.5	9.4	5.9	7.3	7.7	1.9	16.6	9.8	
Mar 20	N	NNW	NNW	NNW	NE	NE	NNE	N	N	N	N	NNW	NW	N	NNW	NNW	N	NNW	N	N	N	N	NNE	N	NNE	1.2	18.5	11.1
Mar 21	3.7	1.2	3.4	3.5	6.2	5.8	7.3	8.8	8.9	13.7	15.3	14.9	13.0	13.9	13.3	12.9	17.8	18.5	17.7	15.7	14.1	12.1	11.7	12.5	1.2	18.5	11.1	
Mar 22	N	S	SSW	SSW	SSW	SW	S	SSW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.2	18.5	11.1
Mar 23	10.6	9.8	10.4	11.1	10.2	9.6	11.0	10.5	11.3	9.5	9.2	11.2	12.5	12.8	18.1	19.6	18.5	17.4	16.0	15.3	15.1	13.4	13.6	12.1	9.2	19.6	12.9	

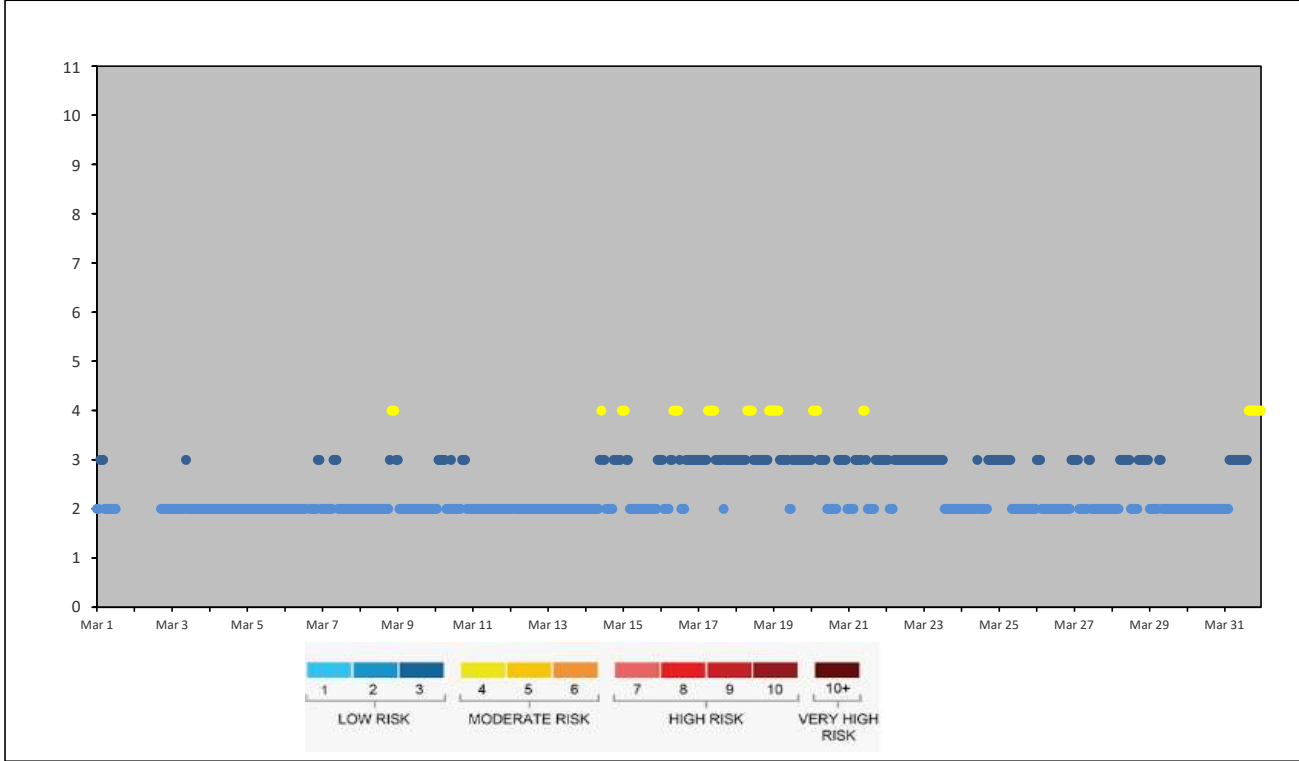
AQHI GRIMSHAW STATION

LAKELAND INDUSTRY & COMMUNITY ASSOCIATION

AQHI - Grimshaw Station - March 2023

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
Mar 1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 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
Mar 5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
Mar 7	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3
Mar 9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 10	2	2	3	3	3	3	3	2	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2
Mar 11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 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
Mar 14	2	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	3	3	3	3	3	4
Mar 15	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Mar 16	3	3	2	2	2	2	3	3	4	4	4	4	4	3	3	3	2	3	3	3	3	3	3	3
Mar 17	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	2	3	3	3	3	3	3	3
Mar 18	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4
Mar 19	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
Mar 20	3	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2
Mar 21	2	2	2	2	3	3	3	3	3	4	4	3	2	2	2	2	2	3	3	3	3	3	3	3
Mar 22	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Mar 23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
Mar 24	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3
Mar 25	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 26	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
Mar 27	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 28	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3
Mar 29	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mar 31	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4

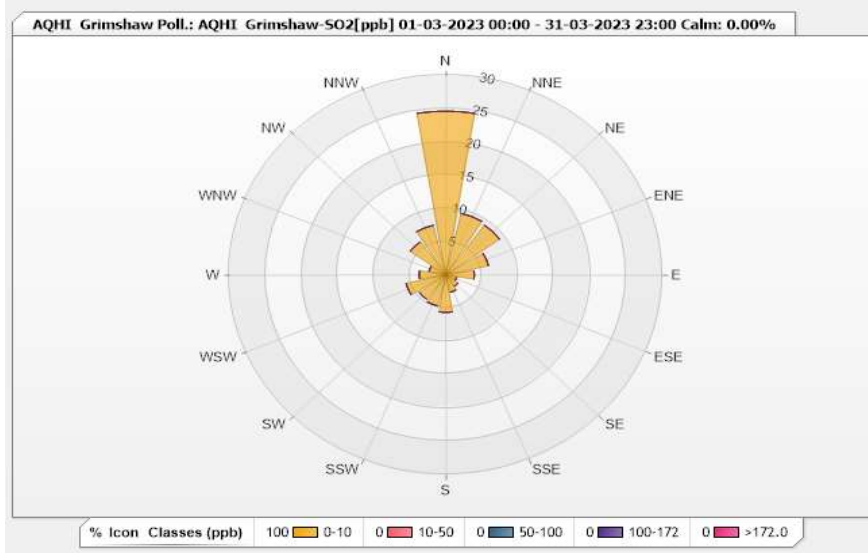


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-SO2[ppb] Monthly: 03-2023

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	0-10	10-50	50-100	100-172	>172.0	Total
N	24.58	0	0	0	0	24.58
NNE	9.46	0	0	0	0	9.46
NE	9.18	0	0	0	0	9.18
ENE	6.07	0	0	0	0	6.07
E	3.95	0	0	0	0	3.95
ESE	1.55	0	0	0	0	1.55
SE	2.12	0	0	0	0	2.12
SSE	2.68	0	0	0	0	2.68
S	5.65	0	0	0	0	5.65
SSW	4.8	0	0	0	0	4.8
SW	4.52	0	0	0	0	4.52
WSW	5.65	0	0	0	0	5.65
W	3.67	0	0	0	0	3.67
WNW	2.4	0	0	0	0	2.4
NW	6.07	0	0	0	0	6.07
NNW	7.63	0	0	0	0	7.63
Summary	100	0	0	0	0	100



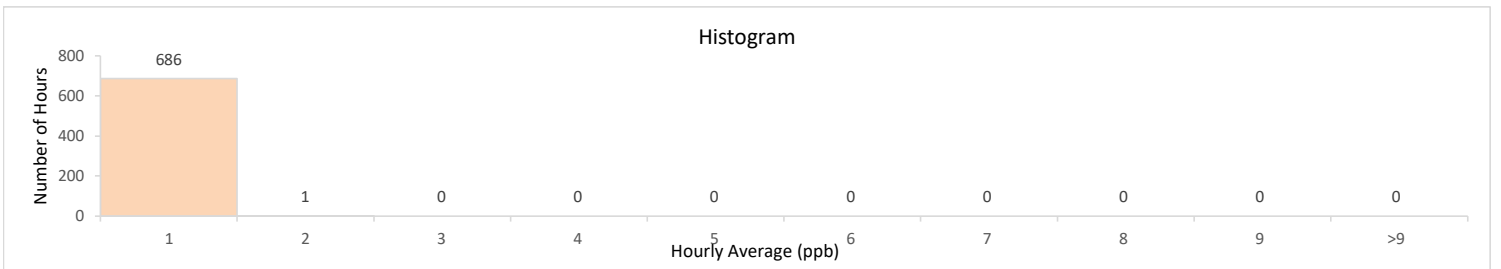
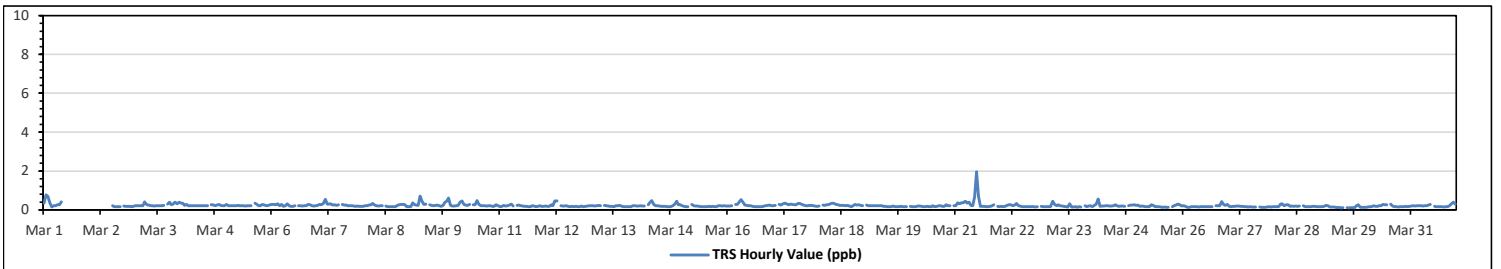
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
TOTAL REDUCED SULPHUR (TRS) in ppb

Maximum Hourly Value:	1.95 ppb	on Mar 21 at hr 11	Hours in Service:	744
Maximum Daily Value:	0.37 ppb	on Mar 21	Hours of Data:	687
Minimum Hourly Value:	0.10 ppb	on Mar 29 at hr 11	Hours of Missing Data:	21
Minimum Daily Value:	0.14 ppb	on Mar 29	Hours of Calibration:	36
Monthly Average:	0.22 ppb		Operational Uptime:	97.2

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	
Mar 1	0.34	0.77	0.68	0.36	0.14	0.2	0.22	0.25	0.26	0.41	C	C	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	0.14	0.77	NA		
Mar 2	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	C	C	C	0.2	0.17	0.16	0.15	0.15	S	0.19	0.18	0.18	0.18	0.17	0.18	0.15	0.20	NA	
Mar 3	0.21	0.2	0.21	0.21	0.21	0.41	0.25	0.24	0.21	0.2	0.19	0.21	0.21	0.22	0.22	0.23	S	0.29	0.38	0.25	0.29	0.38	0.3	0.38	0.19	0.41	0.26	
Mar 4	0.33	0.34	0.23	0.27	0.21	0.21	0.21	0.21	0.21	0.22	0.21	0.2	0.21	0.21	0.2	S	0.26	0.26	0.22	0.24	0.28	0.23	0.2	0.21	0.20	0.34	0.23	
Mar 5	0.28	0.22	0.21	0.2	0.21	0.21	0.23	0.22	0.2	0.21	0.19	0.2	0.2	0.2	S	0.33	0.26	0.22	0.22	0.27	0.24	0.21	0.23	0.26	0.19	0.33	0.23	
Mar 6	0.27	0.28	0.25	0.3	0.22	0.28	0.18	0.2	0.31	0.2	0.18	0.18	0.21	S	0.22	0.2	0.19	0.21	0.21	0.28	0.26	0.21	0.19	0.21	0.18	0.31	0.23	
Mar 7	0.23	0.27	0.26	0.32	0.54	0.29	0.29	0.31	0.24	0.25	0.23	0.26	S	0.19	0.17	0.28	0.24	0.24	0.22	0.2	0.21	0.19	0.18	0.18	0.18	0.54	0.25	
Mar 8	0.18	0.22	0.22	0.24	0.26	0.32	0.24	0.2	0.19	0.2	0.2	S	0.19	0.17	0.17	0.16	0.16	0.17	0.23	0.26	0.27	0.28	0.26	0.17	0.16	0.32	0.22	
Mar 9	0.17	0.17	0.36	0.26	0.24	0.23	0.71	0.43	0.27	0.29	S	0.25	0.23	0.21	0.23	0.24	0.21	0.18	0.23	0.37	0.43	0.6	0.23	0.19	0.17	0.71	0.29	
Mar 10	0.19	0.22	0.23	0.38	0.46	0.28	0.24	0.23	0.27	S	0.26	0.26	0.48	0.27	0.21	0.2	0.21	0.19	0.21	0.22	0.18	0.18	0.25	0.22	0.18	0.48	0.25	
Mar 11	0.16	0.18	0.23	0.19	0.2	0.24	0.29	0.19	S	0.23	0.24	0.22	0.19	0.18	0.18	0.17	0.17	0.2	0.19	0.17	0.18	0.21	0.18	0.18	0.16	0.29	0.20	
Mar 12	0.19	0.18	0.18	0.26	0.2	0.46	0.46	S	0.22	0.19	0.19	0.21	0.18	0.17	0.18	0.17	0.18	0.17	0.17	0.19	0.17	0.18	0.19	0.21	0.17	0.46	0.21	
Mar 13	0.2	0.2	0.19	0.21	0.23	0.22	S	0.23	0.2	0.19	0.18	0.18	0.17	0.2	0.22	0.23	0.19	0.16	0.17	0.17	0.15	0.16	0.21	0.2	0.15	0.23	0.19	
Mar 14	0.19	0.19	0.2	0.19	0.19	S	0.26	0.37	0.47	0.27	0.21	0.2	0.19	0.18	0.18	0.18	0.17	0.16	0.17	0.21	0.29	0.45	0.26	0.25	0.16	0.47	0.24	
Mar 15	0.2	0.18	0.16	0.16	S	0.27	0.21	0.19	0.19	0.18	0.17	0.17	0.17	0.17	0.18	0.17	0.18	0.17	0.17	0.22	0.22	0.19	0.2	0.19	0.16	0.27	0.19	
Mar 16	0.19	0.19	0.21	S	0.27	0.28	0.38	0.53	0.38	0.24	0.23	0.22	0.2	0.18	0.17	0.16	0.16	0.17	0.17	0.19	0.21	0.23	0.24	0.21	0.16	0.53	0.24	
Mar 17	0.2	0.23	S	0.27	0.24	0.3	0.33	0.3	0.26	0.29	0.27	0.26	0.25	0.32	0.32	0.27	0.24	0.21	0.22	0.23	0.23	0.22	0.19	0.18	0.18	0.33	0.25	
Mar 18	0.19	S	0.24	0.23	0.25	0.25	0.31	0.34	0.32	0.27	0.26	0.23	0.23	0.23	0.22	0.23	0.19	0.17	0.2	0.28	0.24	0.25	0.23	0.21	0.17	0.34	0.24	
Mar 19	S	0.24	0.21	0.22	0.21	0.21	0.2	0.2	0.21	0.22	0.18	0.18	0.17	0.17	0.17	0.19	0.17	0.16	0.17	0.18	0.16	0.15	0.16	S	0.15	0.24	0.19	
Mar 20	0.18	0.16	0.16	0.17	0.19	0.19	0.18	0.16	0.16	0.18	0.16	0.16	0.2	0.15	0.18	0.2	0.2	0.18	0.18	0.25	0.22	0.2	S	0.22	0.15	0.25	0.18	
Mar 21	0.22	0.36	0.31	0.36	0.36	0.43	0.35	0.4	0.23	0.2	0.67	1.95	0.71	0.18	0.18	0.18	0.16	0.17	0.18	0.19	0.26	S	0.18	0.17	0.16	1.95	0.37	
Mar 22	0.18	0.17	0.18	0.23	0.25	0.25	0.22	0.24	0.32	0.2	0.19	0.17	0.17	0.17	0.16	0.16	0.15	0.14	0.16	0.16	0.16	0.16	0.16	0.14	0.32	0.19	0.19	
Mar 23	0.16	0.16	0.15	0.44	0.27	0.21	0.25	0.21	0.19	0.18	0.17	0.14	0.3	0.14	0.14	0.15	0.13	0.15	0.14	S	0.21	0.17	0.19	0.22	0.13	0.44	0.19	
Mar 24	0.15	0.23	0.29	0.55	0.18	0.19	0.19	0.2	0.21	0.19	0.19	0.19	0.21	0.25	0.2	0.18	0.19	0.19	0.18	S	0.22	0.24	0.24	0.25	0.23	0.15	0.55	0.22
Mar 25	0.24	0.18	0.19	0.18	0.17	0.16	0.17	0.25	0.23	0.15	0.15	0.15	0.14	0.13	0.14	0.12	0.12	S	0.15	0.2	0.24	0.29	0.25	0.19	0.12	0.29	0.18	
Mar 26	0.22	0.18	0.13	0.13	0.16	0.16	0.15	0.17	0.14	0.16	0.16	0.16	0.16	0.15	0.17	0.16	S	0.2	0.21	0.22	0.42	0.28	0.23	0.27	0.13	0.42	0.19	
Mar 27	0.18	0.17	0.18	0.18	0.19	0.19	0.18	0.18	0.17	0.16	0.14	0.15	0.14	0.14	0.14	S	0.14	0.13	0.13	0.13	0.14	0.15	0.14	0.15	0.14	0.15	0.16	
Mar 28	0.15	0.15	0.15	0.29	0.31	0.21	0.25	0.25	0.18	0.19	0.18	0.19	0.18	0.19	S	0.22	0.16	0.15	0.15	0.16	0.18	0.18	0.17	0.16	0.15	0.31	0.19	
Mar 29	0.16	0.16	0.18	0.23	0.22	0.14	0.14	0.14	0.12	0.11	0.12	0.1	0.11	S	0.11	0.1	0.11	0.11	0.1	0.2	0.26	0.13	0.12	0.12	0.10	0.26	0.14	
Mar 30	0.13	0.14	0.16	0.17	0.21	0.18	0.18	0.2	0.22	0.27	0.26	0.26	S	0.29	0.19	0.16	0.16	0.14	0.16	0.15	0.17	0.18	0.17	0.18	0.13	0.29	0.19	
Mar 31	0.19	0.2	0.19	0.2	0.21	0.2	0.19	0.21	0.2	0.24	0.27	S	0.18	0.17	0.17	0.17	0.16	0.14	0.16	0.17	0.22	0.3	0.38	0.29	0.14	0.38	0.21	
Diurnal Maximum	0.34	0.77	0.68	0.55	0.54	0.46	0.71	0.53	0.47	0.41	0.67	1.95	0.71	0.32	0.32	0.33	0.27	0.29	0.38	0.37	0.43	0.60	0.38	0.38				
Diurnal Average	0.20	0.23	0.23	0.26	0.24	0.25	0.26	0.25	0.23	0.22	0.22	0.26	0.22	0.19	0.19	0.19	0.18	0.18	0.19	0.21	0.23	0.23	0.21	0.21				

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

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

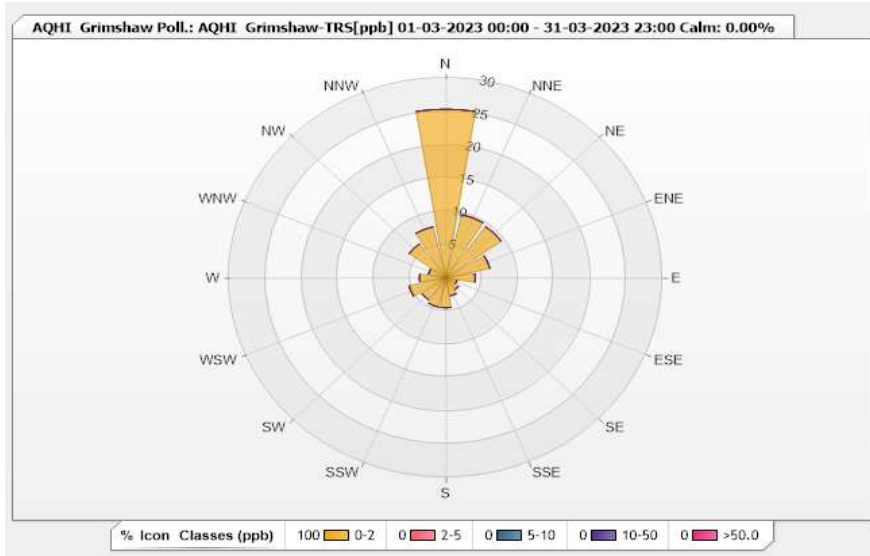


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-TRS[ppb] Monthly: 03-2023

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	10-50	>50.0	Total
N	25.33	0	0	0	0	25.33
NNE	9.75	0	0	0	0	9.75
NE	9.46	0	0	0	0	9.46
ENE	6.26	0	0	0	0	6.26
E	4.08	0	0	0	0	4.08
ESE	1.6	0	0	0	0	1.6
SE	2.18	0	0	0	0	2.18
SSE	2.77	0	0	0	0	2.77
S	4.51	0	0	0	0	4.51
SSW	4.51	0	0	0	0	4.51
SW	4.08	0	0	0	0	4.08
WSW	5.24	0	0	0	0	5.24
W	3.64	0	0	0	0	3.64
WNW	2.47	0	0	0	0	2.47
NW	6.26	0	0	0	0	6.26
NNW	7.86	0	0	0	0	7.86
Summary	100	0	0	0	0	100



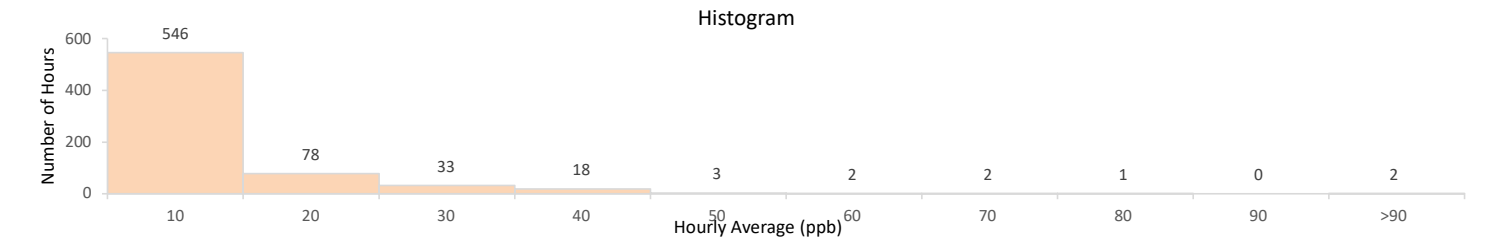
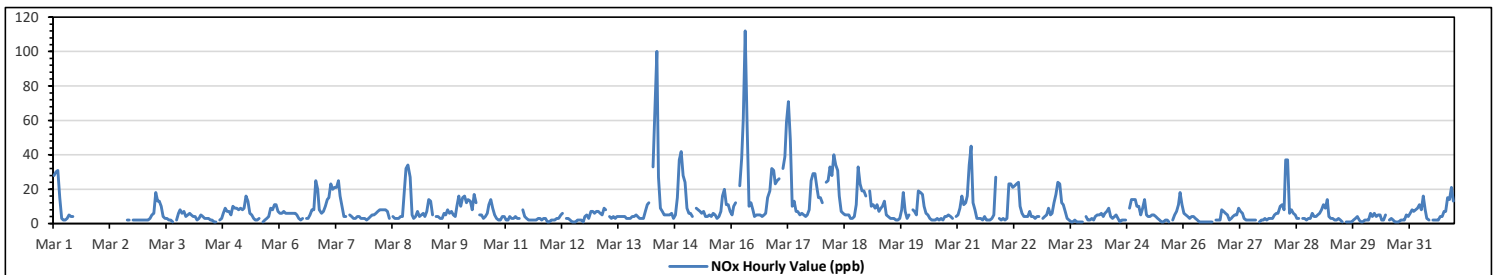
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
OXIDES OF NITROGEN (NOx) in ppb

Maximum Hourly Value:	112	ppb	on Mar 16 at hr 7	Hours in Service:	744
Maximum Daily Value:	22.0	ppb	on Mar 17	Hours of Data:	685
Minimum Hourly Value:	1	ppb	on Mar 3 at hr 15	Hours of Missing Data:	18
Minimum Daily Value:	2.8	ppb	on Mar 11	Hours of Calibration:	41
Monthly Average:	8.1	ppb		Operational Uptime:	97.6

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	
Mar 1	28	30	31	15	3	2	2	3	5	4	4	C	C	C	C	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2	31	NA		
Mar 2	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	C	C	C	C	C	C	2	2	S	2	6	8	6	7	4	5	1	18	5.5
Mar 3	6	5	4	4	2	3	5	4	3	3	2	2	1	1	S	2	3	6	9	7	7	5	10	1	10	4.2		
Mar 4	9	9	8	9	8	9	16	13	6	5	3	2	2	3	S	1	2	3	4	9	8	11	11	7	1	16	6.9	
Mar 5	6	6	7	6	6	6	6	6	6	5	3	2	3	S	3	3	5	8	8	25	20	8	6	7	2	25	7.0	
Mar 7	10	14	15	23	20	21	21	25	16	10	4	4	S	5	4	3	3	4	4	3	3	2	3	2	2	25	9.6	
Mar 8	4	5	5	6	7	8	8	8	8	7	3	S	4	3	3	3	4	4	17	32	34	27	5	3	3	34	9.0	
Mar 9	4	7	4	5	6	4	7	14	13	5	S	4	4	3	3	6	5	8	6	7	5	4	10	16	3	16	6.5	
Mar 10	10	15	16	12	14	13	8	17	12	S	5	5	3	4	6	11	14	9	5	3	2	2	4	4	2	17	8.4	
Mar 11	2	2	4	3	3	4	3	3	S	8	4	3	2	2	2	2	2	3	3	2	3	3	1	1	1	8	2.8	
Mar 12	2	2	2	3	3	5	6	S	3	3	2	1	1	1	2	2	1	4	5	3	7	7	6	1	7	3.2		
Mar 13	7	7	6	5	9	8	S	4	3	4	3	4	4	4	4	2	3	3	3	4	4	5	4	3	3	9	4.6	
Mar 14	3	3	7	11	12	S	33	67	100	27	9	7	5	5	5	5	6	3	5	15	37	42	28	24	3	100	20.0	
Mar 15	9	6	6	4	S	9	8	7	6	7	4	4	5	4	6	5	3	4	7	16	20	11	11	7	3	20	7.3	
Mar 16	5	10	12	S	22	38	61	112	57	10	12	8	4	5	5	5	4	5	6	15	19	32	31	23	4	112	21.8	
Mar 17	25	26	S	32	39	59	71	49	10	13	7	7	5	6	5	4	5	8	25	29	29	21	15	15	4	71	22.0	
Mar 18	12	S	24	25	33	28	40	34	31	16	7	6	5	5	5	3	3	4	11	33	23	19	19	16	3	40	17.5	
Mar 19	S	19	10	11	9	11	7	9	10	13	5	4	3	3	3	2	2	3	8	18	7	3	5	S	2	19	7.5	
Mar 20	8	7	5	19	18	17	10	6	5	3	2	2	2	3	2	3	2	4	4	5	4	3	S	4	2	19	6.0	
Mar 21	5	9	16	11	12	16	34	45	12	8	3	3	3	2	4	2	2	2	3	5	27	S	3	2	2	45	10.0	
Mar 22	3	2	3	23	23	21	22	23	24	10	6	4	4	4	7	4	4	3	4	4	S	3	4	5	2	24	9.1	
Mar 23	9	5	6	12	17	24	23	12	11	7	3	2	1	1	2	1	1	1	1	S	4	2	2	3	1	24	6.5	
Mar 24	2	4	5	5	6	4	6	7	9	4	3	4	5	3	1	2	2	2	S	9	14	14	14	10	1	14	5.9	
Mar 25	10	5	9	14	5	4	4	5	4	3	2	1	1	1	2	2	1	S	2	5	7	11	18	11	1	18	5.7	
Mar 26	6	5	4	3	4	4	3	2	1	1	1	1	1	1	1	S	2	2	2	8	7	6	5	1	8	3.1		
Mar 27	2	3	4	5	5	9	7	6	3	2	2	2	2	2	S	1	2	2	3	2	3	3	3	3	1	9	3.3	
Mar 28	5	6	6	10	11	8	37	37	6	8	6	5	3	3	S	3	3	2	3	3	6	4	4	5	2	37	8.0	
Mar 29	6	8	11	9	14	4	3	3	2	2	3	2	1	1	S	1	1	1	2	3	4	2	1	1	1	14	3.7	
Mar 30	2	2	2	6	4	6	4	5	5	2	2	5	S	2	3	2	1	1	1	2	2	2	5	4	1	6	3.0	
Mar 31	6	8	7	8	9	11	8	16	8	3	2	S	2	2	2	4	4	7	7	15	14	21	13	2	21	7.8		
Diurnal Maximum	28	30	31	32	39	59	71	112	100	27	12	8	5	6	7	11	14	9	25	33	37	42	31	24				
Diurnal Average	7.2	8.0	8.3	10.4	11.3	12.5	16.6	19.1	13.6	7.0	4.1	3.6	3.0	3.0	3.2	3.0	3.2	3.5	5.6	9.8	11.2	9.6	8.7	7.5				

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

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

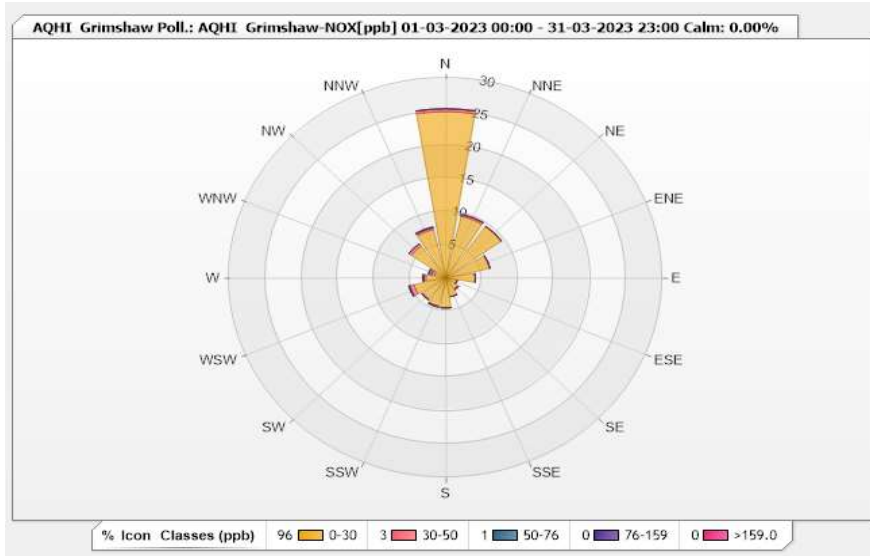


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NOX[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 92.07% Calm Avg: 0.00 [ppm]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	24.96	0.44	0	0	0	25.4
NNE	9.49	0.29	0	0	0	9.78
NE	9.49	0	0	0	0	9.49
ENE	6.28	0	0	0	0	6.28
E	4.09	0	0	0	0	4.09
ESE	1.61	0	0	0	0	1.61
SE	2.04	0.15	0	0	0	2.19
SSE	2.92	0	0	0	0	2.92
S	4.53	0	0	0	0	4.53
SSW	4.38	0	0.15	0	0	4.53
SW	3.94	0.15	0	0	0	4.09
WSW	4.53	0.58	0.15	0	0	5.26
W	2.77	0.29	0	0.15	0	3.21
WNW	1.61	0.44	0.44	0	0	2.49
NW	5.84	0.44	0	0	0	6.28
NNW	7.45	0.29	0	0.15	0	7.89
Summary	95.93	3.07	0.74	0.3	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages

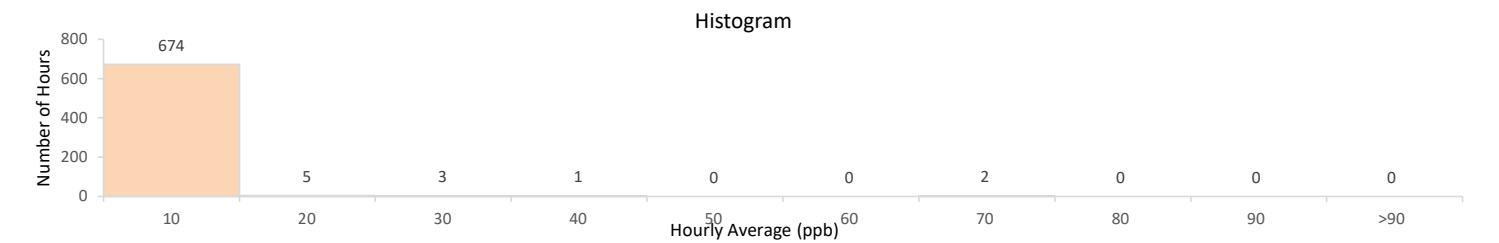
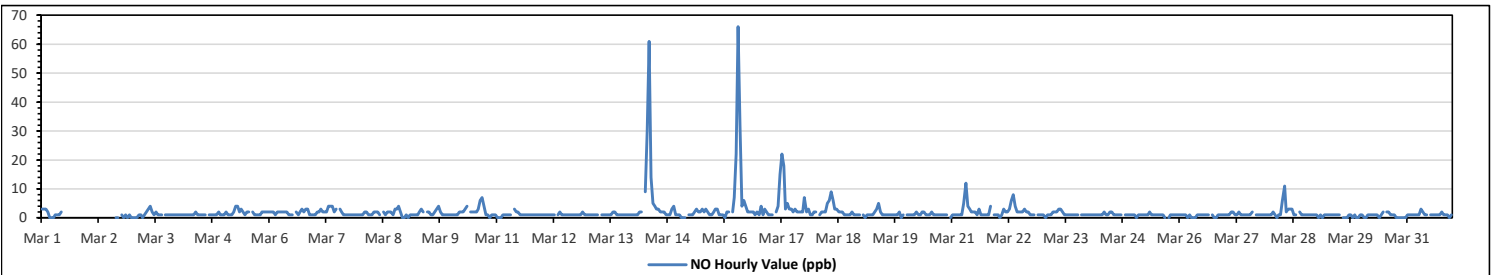
NITRIC OXIDE (NO) in ppb

Maximum Hourly Value:	66 ppb on Mar 16 at hr 7	Hours in Service:	744
Maximum Daily Value:	7.4 ppb on Mar 16	Hours of Data:	685
Minimum Hourly Value:	0 ppb on Mar 1 at hr 4	Hours of Missing Data:	18
Minimum Daily Value:	0.7 ppb on Mar 29	Hours of Calibration:	41
Monthly Average:	1.9 ppb	Operational Uptime:	97.6

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
Mar 1	3	3	3	2	0	0	0	1	1	1	2	C	C	C	C	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	0	3	NA	
Mar 2	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	C	C	C	C	C	0	0	S	1	1	1	1	1	1	1	0	1	NA
Mar 3	0	0	0	1	1	0	1	2	3	4	2	1	2	1	1	1	S	1	1	1	1	1	1	1	0	4	1.2
Mar 4	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	S	1	1	1	1	1	2	1	1	1	2	1.1
Mar 5	1	2	1	1	1	2	4	4	2	3	2	1	2	2	S	2	1	1	1	1	1	2	2	2	1	4	1.8
Mar 6	2	2	2	1	2	2	2	2	2	2	1	1	1	S	2	1	2	3	2	3	3	1	1	1	1	3	1.8
Mar 7	1	2	2	3	2	2	2	4	4	4	2	3	S	S	3	2	1	1	1	1	1	1	1	1	1	4	2.0
Mar 8	1	1	2	2	1	1	1	2	2	2	1	1	S	2	1	2	2	1	3	3	4	2	0	0	0	4	1.7
Mar 9	1	0	1	1	1	1	1	2	3	2	S	2	2	2	1	1	2	3	4	2	1	1	1	1	1	4	1.5
Mar 10	1	1	1	1	2	2	2	3	4	S	2	2	2	2	3	6	7	4	1	1	0	1	1	1	1	7	2.2
Mar 11	0	0	0	1	1	1	1	1	S	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1.0
Mar 12	1	1	1	1	1	1	1	S	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1.1
Mar 13	1	1	1	1	1	1	S	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1.1
Mar 14	1	1	1	2	2	S	9	30	61	14	5	4	3	3	2	2	2	1	1	3	4	1	1	1	61	6.7	
Mar 15	1	0	0	0	S	1	1	1	2	3	2	2	3	2	3	2	1	1	2	3	3	1	1	1	0	3	1.6
Mar 16	0	2	2	S	2	7	22	66	32	4	6	4	2	2	2	2	1	2	1	4	1	3	2	1	66	7.4	
Mar 17	1	1	S	2	4	15	22	18	3	5	3	3	2	3	2	2	2	7	2	3	1	1	2	1	22	4.6	
Mar 18	2	S	1	2	2	2	5	6	9	6	3	3	2	2	2	1	1	1	1	2	1	1	1	1	9	2.5	
Mar 19	S	1	0	1	1	1	1	2	3	5	2	1	1	1	1	1	1	1	1	1	2	0	1	S	5	1.3	
Mar 20	1	1	1	1	1	2	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	2	1.1
Mar 21	1	1	1	1	1	1	5	12	4	3	2	2	2	1	3	1	1	1	1	1	1	4	S	1	1	12	2.2
Mar 22	1	0	1	3	2	2	3	6	8	4	2	2	2	2	3	2	2	1	1	1	S	1	1	1	0	8	2.2
Mar 23	1	0	1	1	1	2	2	2	3	3	2	1	1	1	1	1	1	1	1	S	1	1	1	1	0	3	1.3
Mar 24	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	S	1	1	1	1	1	2	1.1
Mar 25	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	S	0	1	1	1	1	1	0	2	0.9
Mar 26	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	S	1	0	0	1	1	1	1	1	0	1	0.7
Mar 27	1	1	1	2	2	1	1	2	1	1	1	1	1	1	2	S	1	1	1	1	1	1	1	1	1	2	1.2
Mar 28	1	2	1	0	1	1	6	11	2	3	3	3	1	1	S	2	1	1	1	1	1	1	1	1	0	11	2.0
Mar 29	1	0	1	0	1	1	1	1	1	1	1	1	1	S	0	0	0	1	1	0	1	0	0	1	0	1	0.7
Mar 30	1	0	0	1	1	1	1	1	1	0	1	2	S	2	2	1	1	1	0	0	0	0	0	0	0	2	0.7
Mar 31	1	1	1	1	1	1	1	3	2	1	1	S	1	1	1	1	1	2	1	1	1	0	1	0	3	1.1	
Diurnal Maximum	3	3	3	3	4	15	22	66	61	14	6	4	3	3	3	6	7	4	7	4	4	4	4	2	2		
Diurnal Average	1.0	0.9	1.0	1.2	1.3	1.9	3.4	6.4	5.6	2.9	1.9	1.8	1.6	1.6	1.6	1.4	1.4	1.4	1.3	1.2	1.5	1.2	0.9	0.9			

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

Diurnal 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.

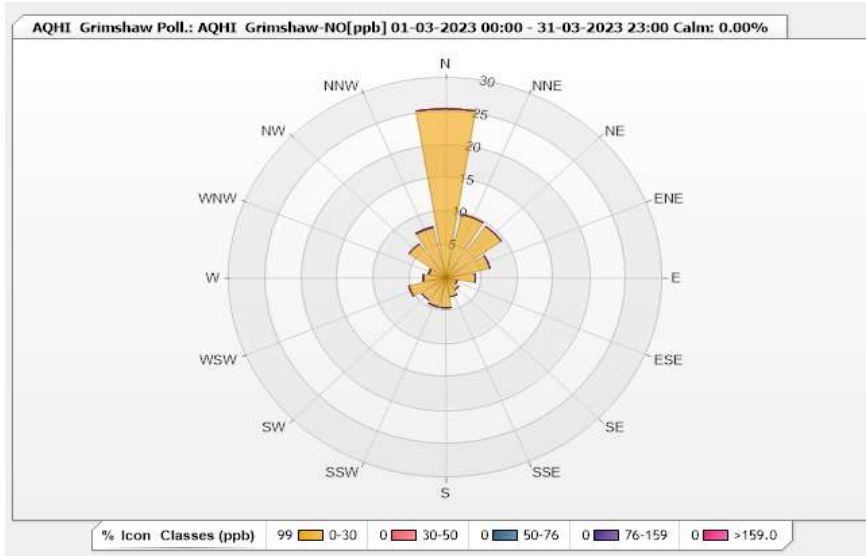


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO[ppb] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 92.07% Calm Avg: 0.00 [ppm]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	25.4	0	0	0	0	25.4
NNE	9.78	0	0	0	0	9.78
NE	9.49	0	0	0	0	9.49
ENE	6.28	0	0	0	0	6.28
E	4.09	0	0	0	0	4.09
ESE	1.61	0	0	0	0	1.61
SE	2.19	0	0	0	0	2.19
SSE	2.92	0	0	0	0	2.92
S	4.53	0	0	0	0	4.53
SSW	4.38	0.15	0	0	0	4.53
SW	4.09	0	0	0	0	4.09
WSW	5.26	0	0	0	0	5.26
W	3.07	0	0.15	0	0	3.22
WNW	2.34	0.15	0	0	0	2.49
NW	6.28	0	0	0	0	6.28
NNW	7.74	0	0.15	0	0	7.89
Summary	99.45	0.3	0.3	0	0	100



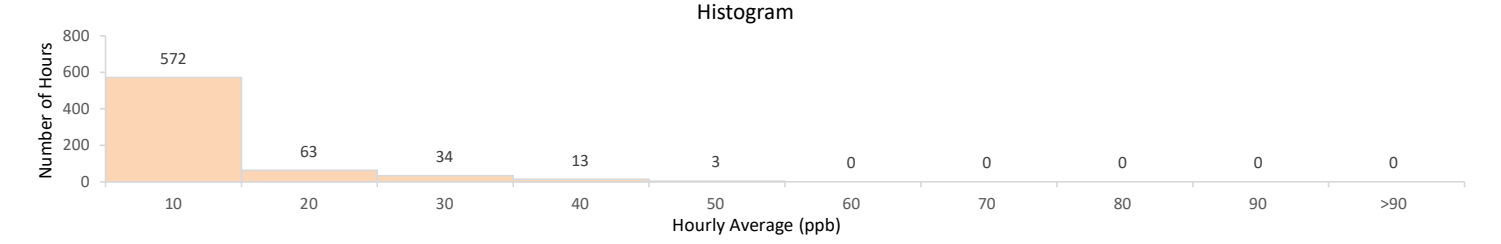
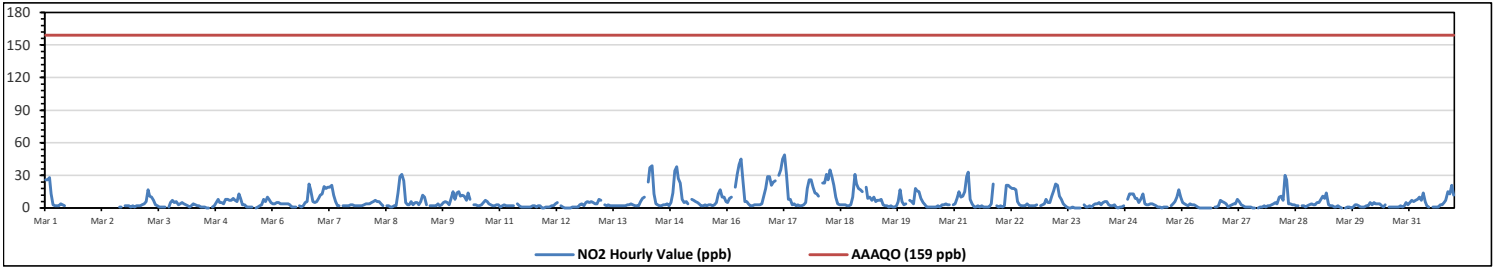
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
NITROGEN DIOXIDE (NO₂) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 159 ppb			
Number of 1-Hour Exceedances: 0			
Maximum Hourly Value:	49 ppb	on Mar 17 at hr 6	Hours in Service: 744
Maximum Daily Value:	17.2 ppb	on Mar 17	Hours of Data: 685
Minimum Hourly Value:	0 ppb	on Mar 4 at hr 13	Hours of Missing Data: 18
Minimum Daily Value:	1.6 ppb	on Mar 11	Hours of Calibration: 41
Monthly Average:	6.2 ppb		Operational Uptime: 97.6

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		
Mar 1	26	26	28	13	3	2	2	2	4	3	2	C	C	C	C	C	NRM	NRM	NRM	NRM	NRM	NRM	NRM	2	28	NA			
Mar 2	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	NRM	C	C	C	C	C	C	1	1	S	2	2	2	1	2	1	1	2	NA		
Mar 3	2	2	2	3	4	6	17	11	10	7	3	2	1	1	1	1	S	1	5	7	5	6	3	4	1	17	4.5		
Mar 4	5	4	3	2	1	2	4	3	2	2	1	1	1	0	0	S	1	2	5	8	5	5	4	8	0	8	3.0		
Mar 5	8	7	7	9	7	6	13	9	3	3	1	1	1	1	1	S	0	1	2	3	8	6	10	8	5	0	13	5.2	
Mar 6	4	4	5	5	4	4	4	4	4	3	1	1	1	1	S	2	1	2	5	6	22	17	6	5	6	1	22	5.0	
Mar 7	9	12	13	20	18	19	19	21	12	6	2	2	S	2	2	2	2	3	3	2	2	2	2	2	2	2	2	21	7.7
Mar 8	3	4	4	4	5	6	7	6	6	4	2	S	2	2	1	1	2	2	14	29	31	25	5	3	1	31	7.3		
Mar 9	3	6	3	5	5	3	6	12	10	3	S	2	2	2	2	4	2	3	5	6	5	3	9	15	2	15	5.0		
Mar 10	8	14	15	11	12	11	7	14	8	S	3	2	2	2	3	5	7	6	4	3	2	2	3	3	2	15	6.4		
Mar 11	1	2	3	2	2	2	2	2	S	4	2	1	1	1	1	1	1	2	2	1	2	2	0	0	0	4	1.6		
Mar 12	1	1	1	2	2	4	5	S	2	1	0	0	0	0	1	1	1	1	3	4	2	5	6	5	0	6	2.1		
Mar 13	6	5	4	4	8	7	S	3	2	3	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	8	3.3		
Mar 14	2	2	6	9	10	S	24	37	39	13	4	3	2	2	3	3	4	2	5	14	34	38	27	23	2	39	13.3		
Mar 15	8	5	6	4	S	8	7	6	5	4	2	2	3	2	3	3	2	3	5	13	17	10	10	6	2	17	5.8		
Mar 16	5	9	10	S	19	31	40	45	25	6	6	4	2	2	3	3	3	3	4	11	18	29	29	21	2	45	14.3		
Mar 17	24	25	S	30	35	45	49	31	8	8	3	4	2	3	2	2	3	5	18	26	26	19	14	13	2	49	17.2		
Mar 18	11	S	23	23	31	26	35	29	21	10	4	3	3	3	3	2	2	3	10	31	22	18	17	15	2	35	15.0		
Mar 19	S	19	9	10	7	10	6	7	7	8	3	2	2	1	2	1	2	6	17	6	3	4	S	3	1	19	6.0		
Mar 20	7	6	4	18	16	15	9	5	3	1	1	1	1	1	1	2	1	3	3	4	3	3	S	3	1	18	4.8		
Mar 21	4	9	15	10	11	15	29	33	8	4	1	1	2	1	2	1	1	1	4	22	S	2	1	1	1	33	7.7		
Mar 22	2	1	2	21	11	19	18	17	6	3	2	2	2	2	4	2	2	2	2	3	S	2	3	4	1	21	6.9		
Mar 23	8	5	5	11	16	22	21	11	8	4	2	1	0	0	1	0	0	0	0	S	3	1	1	2	0	22	5.3		
Mar 24	1	3	4	4	5	3	5	6	6	3	2	2	3	1	0	1	1	2	S	8	13	13	13	9	0	13	4.7		
Mar 25	9	5	8	13	4	3	3	4	4	3	2	1	1	0	1	1	1	S	2	4	6	10	17	10	0	17	4.9		
Mar 26	5	4	3	2	4	3	3	2	1	0	0	0	0	0	0	0	S	1	2	7	6	5	4	0	7	2.3			
Mar 27	1	2	3	4	4	8	6	3	2	1	1	1	1	0	0	S	0	1	1	2	1	2	2	3	0	8	2.1		
Mar 28	4	5	4	10	11	7	30	26	4	4	3	2	2	S	2	2	1	2	3	4	3	3	5	1	30	6.1			
Mar 29	5	8	11	9	14	3	2	2	1	1	2	1	0	S	0	1	1	0	1	3	3	2	1	1	0	14	3.1		
Mar 30	1	2	2	5	3	5	4	4	4	2	1	3	S	1	1	1	1	1	2	1	2	5	3	1	5	2.4			
Mar 31	5	7	6	7	8	10	7	14	6	2	1	S	1	1	1	3	3	5	7	15	13	21	12	1	21	6.8			
Diurnal Maximum	26	26	28	30	35	45	49	45	39	13	6	4	3	3	4	5	7	6	18	31	34	38	29	23					
Diurnal Average	6.1	7.0	7.2	9.3	10.0	10.5	13.2	12.8	8.0	4.1	2.1	1.8	1.5	1.3	1.6	1.6	1.8	2.2	4.2	8.6	9.8	8.4	7.7	6.5					

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

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

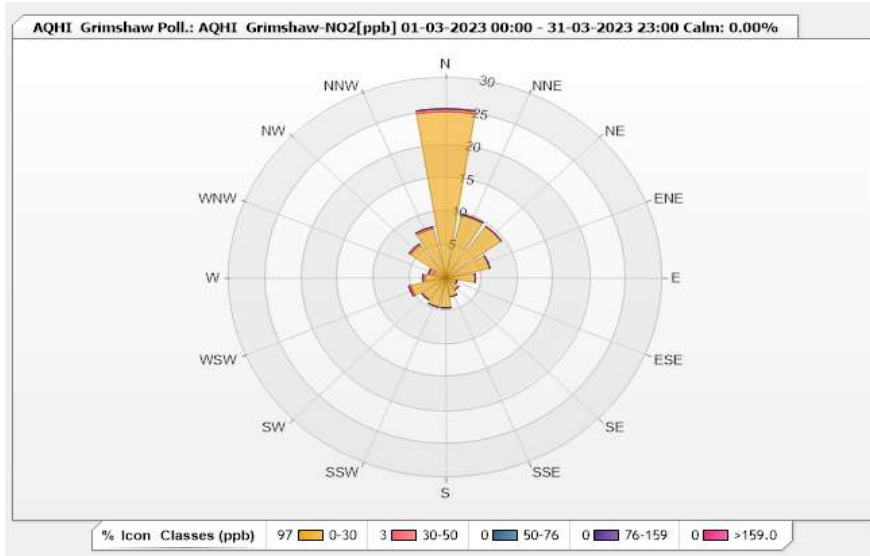


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NO2[ppb] Monthly: 03-2023

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

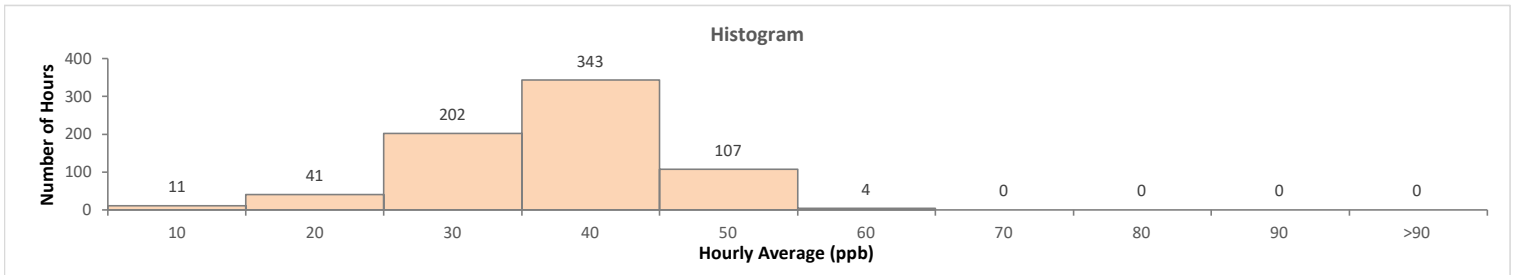
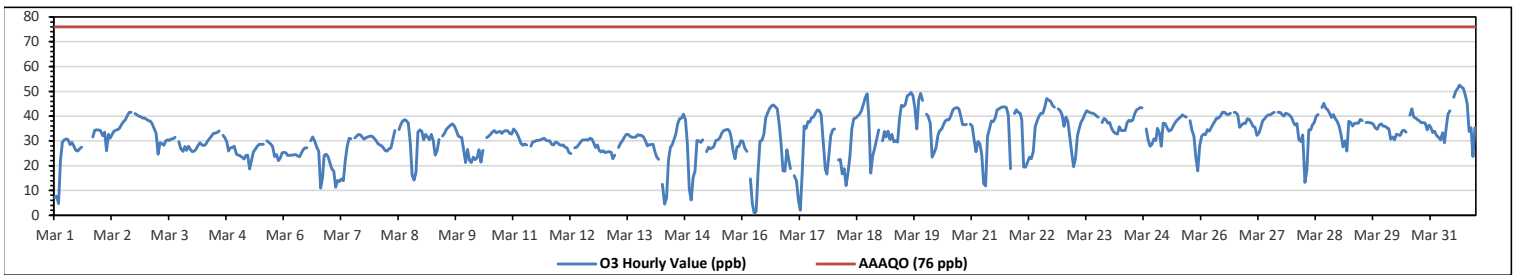
Calm: 0.00% Valid Data: 92.07% Calm Avg: 0.00 [ppm]

Direction	0-30	30-50	50-76	76-159	>159.0	Total
N	24.96	0.44	0	0	0	25.4
NNE	9.64	0.15	0	0	0	9.79
NE	9.49	0	0	0	0	9.49
ENE	6.28	0	0	0	0	6.28
E	4.09	0	0	0	0	4.09
ESE	1.61	0	0	0	0	1.61
SE	2.19	0	0	0	0	2.19
SSE	2.92	0	0	0	0	2.92
S	4.53	0	0	0	0	4.53
SSW	4.53	0	0	0	0	4.53
SW	3.94	0.15	0	0	0	4.09
WSW	4.96	0.29	0	0	0	5.25
W	2.92	0.29	0	0	0	3.21
WNW	1.75	0.73	0	0	0	2.48
NW	5.99	0.29	0	0	0	6.28
NNW	7.59	0.29	0	0	0	7.88
Summary	97.39	2.63	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
OZONE (O₃) in ppb

Alberta Ambient Air Quality Objectives (AAAQO): 1-Hour 76 ppb																																																			
Number of 1-Hour Exceedances: 0																																																			
Maximum Hourly Value: 52.5 ppb on Mar 31 at hr 15												Hours in Service: 744																																							
Maximum Daily Value: 39.5 ppb on Mar 19												Hours of Data: 708																																							
Minimum Hourly Value: 0.8 ppb on Mar 16 at hr 6												Hours of Missing Data: 0																																							
Minimum Daily Value: 24.7 ppb on Mar 14												Hours of Calibration: 36																																							
Monthly Average: 32.1 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																								
Mar 1	7.2	7.7	4.7	22.2	29.5	30.4	30.9	30.4	28.5	29.4	27.9	26.2	25.9	26.9	27.4	C	C	C	C	C	31.6	34.3	34.4	34.5																											
Mar 2	34.2	32.1	33.5	26.1	32.6	31.1	32.5	33.9	34.3	34.6	35.2	36.6	37.7	38.6	40.2	41.5	41.6	S	41	40.5	40	39.8	39.3	39.2																											
Mar 3	38.7	38.1	37.9	37	35.2	33.1	24.7	29.2	28.9	28.2	30	30.5	30.2	30.8	30.9	31.4	S	29.6	26.8	25.8	27.7	26.2	27.8	26.6																											
Mar 4	25.6	25.9	26.7	28.2	29.2	28.4	28.1	28.7	30.1	31	32	33	33.2	33.4	34	S	32.2	31.2	29.5	25.9	27.1	27.3	27.8	24.7																											
Mar 5	24.3	24	23.3	22.7	24.1	24.3	18.7	22.2	25.5	26.7	27.9	28.7	28.6	28.6	S	30	29.3	28.8	27.7	23.7	24.5	22	23	25.3																											
Mar 6	25.4	25.1	24.1	24.2	24.2	24.4	24.5	24	23.6	25.1	26.6	27.1	27.2	S	30	31.6	30	27.5	25.8	10.9	15.4	24.1	24.7	23.7																											
Mar 7	21.1	18.6	18	11.3	14.1	13.7	14.7	13.9	22.1	27.8	31.1	30.9	S	31.2	31.9	32.6	32.4	31.3	30.7	31.3	31.5	31.9	31.8	31.1																											
Mar 8	30.2	28.9	28.4	28	27.2	26.1	25.9	26.8	27.2	30.9	34.2	S	34.6	36.5	37.9	38.6	38.1	37.2	29.4	16.2	14.2	17.4	33.5	34.5																											
Mar 9	33.9	30.4	32.6	31.6	30.5	32.7	30.1	24.3	26.1	30.6	S	32	33	34.7	35.5	36.3	36.9	36	34.1	31.9	31.5	31.3	26.3	21.2																											
Mar 10	26.6	22.2	21.2	23.5	22.4	23.2	26.5	21.4	26.2	S	31.3	31.8	32.7	33.6	34.2	33.3	33.6	33.7	33.1	33.9	34.2	34	33.1	32.8																											
Mar 11	34.8	33.9	32.7	31.1	29	28.3	28.8	28.4	S	27.9	29.6	29.8	30.2	30.2	30.4	30.7	31.1	30.3	30	30	28.6	28.4	29.5	29.2																											
Mar 12	28.5	28.3	28.4	27.5	27.2	25.2	24.9	S	27.1	27.5	28.2	29.2	30.3	30.4	30.5	30.3	31.1	30.7	29.1	27.3	28.4	26.1	25.5	26																											
Mar 13	25.3	25.5	25.7	25.4	22.8	24.3	S	27.3	29.1	30.1	31.4	32.7	32.6	31.8	31.4	31.4	31.6	32.5	32.3	32.3	31.5	30.1	28	28.5																											
Mar 14	28.5	28.7	25.9	23.6	22.6	S	12.4	4.5	7.1	22.2	27.4	28.3	30.4	32.9	37.1	39	39.3	40.8	38.5	29	10.6	6.2	15.2	17.9																											
Mar 15	30.2	30.1	29.4	30.5	S	25.6	27.4	26.8	27.1	27.8	30.2	30.4	31.3	33.3	34.1	34.4	34.7	33.9	31.3	26	22.8	27.6	27.7	30.1																											
Mar 16	29.9	27	25.8	S	14.7	4.7	0.8	1.5	17.7	29.9	30.2	32.7	39.4	41.3	43.1	44.1	44.5	43.8	43	36.7	28.6	18	17.8	26.4																											
Mar 17	22.3	18.8	S	16	13.9	6.2	2	17.4	36	35.1	37.8	37.6	39.4	39.6	41.1	42.4	42.3	40.6	29.1	18.7	16.6	23.9	32	34.5																											
Mar 18	34.9	S	22.3	22.6	16.7	18.8	12	17.1	23.8	34.8	38.9	39.2	39.9	40.8	42.2	44.7	47.5	49	39.8	17	23.9	26.9	31	34.4																											
Mar 19	S	30.1	33.8	31.5	33.9	30.6	32.7	29.6	30	29.5	38.9	44.4	43.9	44.6	48.1	48.6	49.5	48.3	43.3	34.9	46.5	49.1	46.3	S																											
Mar 20	40.7	40.1	37.2	23.5	25.1	27.1	32.2	34.2	34.9	36.7	38	38.5	38.6	40.3	42.5	43.2	43.5	42.8	39.7	36.6	36.5	36.6	S	36.8																											
Mar 21	35.9	30.6	25.6	29.8	28.9	24.4	12.7	11.9	31.8	34.9	38	37.7	39.3	42.6	42.9	43.5	43.7	43.8	43.5	40.3	18.8	S	41	42.5																											
Mar 22	41.5	41.1	38.6	19.5	19.4	21.4	23.4	22.8	25.6	35.7	38.4	39.9	41.1	41.2	43.8	47.1	46.4	46.1	44.3	43.6	S	42.9	42.2	40.5																											
Mar 23	35.8	39.6	37.9	31.7	25.4	19.6	23.1	32.1	35.3	37.6	38.8	40.8	42.2	41.7	41.3	41.2	40.8	39.9	39.7	S	37.5	39.1	38.5	37.2																											
Mar 24	37.5	35	33.6	33.1	32.8	35.7	34.2	34.1	34.2	37.3	38.3	37.9	38.4	41	42.5	43	43.5	43.3	S	34.9	30.3	27.8	28.7	30.9																											
Mar 25	30.2	35.1	33.3	27.9	37.2	37.1	35.4	33.9	34.4	35.9	37.3	38.2	38.9	39.7	40.5	40	39.7	S	38.2	34.1	31.9	23.5	18	27.8																											
Mar 26	31.8	32.8	32.5	34.6	33.9	35.4	36.8	38	39.2	39.3	40.3	41.6	41.5	40.8	40.6	41.1	S	41.5	41.4	40.5	35.5	36.4	37.2	37.1																											
Mar 27	38.9	38.7	37.2	35.8	35.5	32.2	33.2	35.5	38.2	39	39.9	40.5	40.5	41.2	41.6	S	41.6	41.5	40.8	39.9	41.2	40.9	40.3	39.5																											
Mar 28	37.6	36.3	37.1	30.5	29.8	32.4	13.3	18.4	34.4	34.4	36.3	37.4	39.9	40.6	S	43.5	45.1	43.2	42.6	41.2	39.5	40.6	38.9	37.7																											
Mar 29	35.8	32.4	27.6	30.1	25.9	37.9	37.5	36	37	37.2	37.2	38.7	38.1	S	37.5	37.6	37.3	37.3	36.6	35.2	34.7	36.3	36.9	35.9																											
Mar 30	35.8	35.3	35	30.7	31.6	30.4	32.8	32.4	32.2	34	34.3	33.5	S	40.4	42.9	39.7	39.2	38.6	38	37.3	37.5	37.2	34.4	36.4																											
Mar 31	35.6	33.4	33.9	32.3	31.3	30.5	33.3	29.2	35.9	40.7	42.2	S	47.6	49.9	51	52.5	51.7	51.2	48.5	45	33.8	35.4	23.7	35.4																											
Diurnal Maximum	41.5	41.1	38.6	37.0	37.2	37.9	37.5	38.0	39.2	40.7	42.2	44.4	47.6	49.9	51.0	52.5	51.7	51.2	48.5	45.0	46.5	49.1	46.3	42.5																											
Diurnal Average	31.3	30.2	29.5	27.4	26.9	26.5	24.9	25.5	29.5	32.4	34.3	34.7	36.1	37.2	38.2	39.0	39.2	38.4	36.1	31.7	29.7	30.7	31.2	31.9																											
C	Monthly Calibration												S	Daily Zero-Span Check												Q	Quality Assurance																								
X	Collection Error												ND	No Data (Machine Not in Service)												Y	Routine Maintenance												P	Power Failure											
X	Invalid Data (Equipment Malfunction/Recovery)												NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)																																					

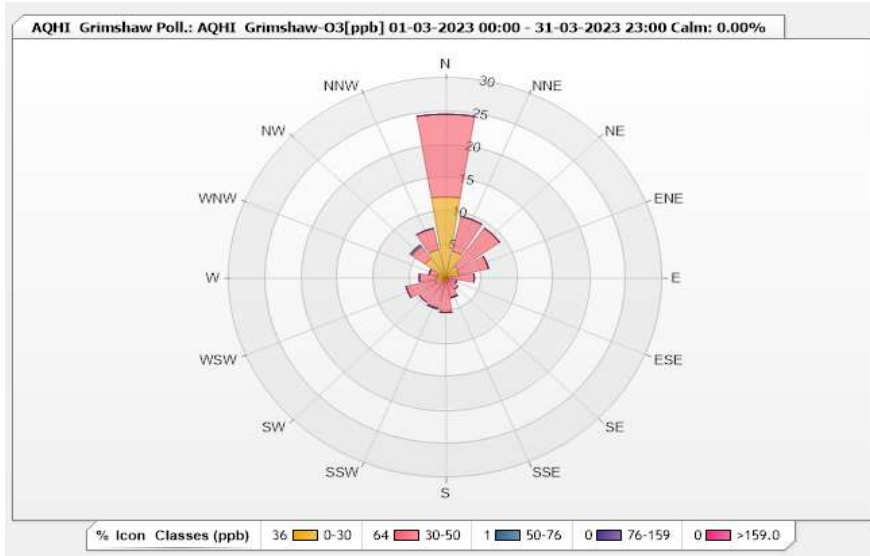


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-O3[ppb] Monthly: 03-2023

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	0-30	30-50	50-76	76-159	>159.0	Total
N	12.15	12.43	0	0	0	24.58
NNE	4.1	5.37	0	0	0	9.47
NE	2.12	7.06	0	0	0	9.18
ENE	1.84	4.24	0	0	0	6.08
E	0.14	3.81	0	0	0	3.95
ESE	0.42	1.13	0	0	0	1.55
SE	0.71	1.41	0	0	0	2.12
SSE	0.71	2.26	0.14	0	0	3.11
S	0.42	4.8	0	0	0	5.22
SSW	0.71	3.95	0.14	0	0	4.8
SW	0.42	4.1	0	0	0	4.52
WSW	1.55	4.1	0	0	0	5.65
W	1.27	2.4	0	0	0	3.67
WNW	1.13	1.27	0	0	0	2.4
NW	3.53	2.26	0.28	0	0	6.07
NNW	4.38	3.25	0	0	0	7.63
Summary	35.6	63.84	0.56	0	0	100



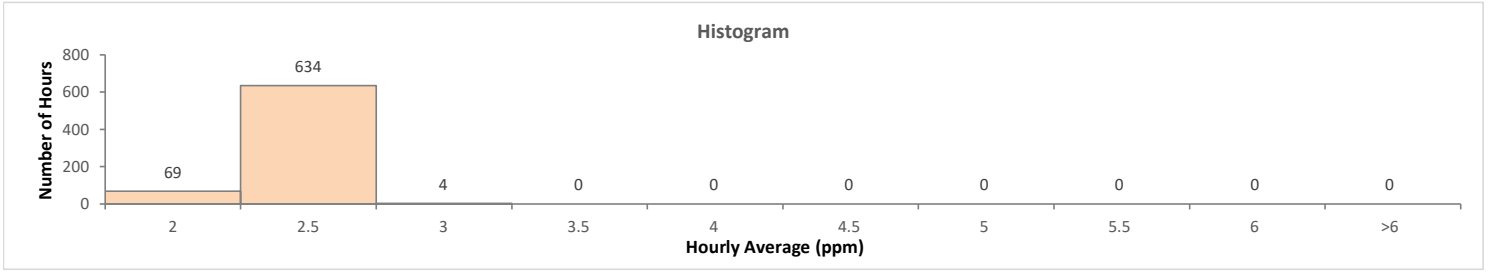
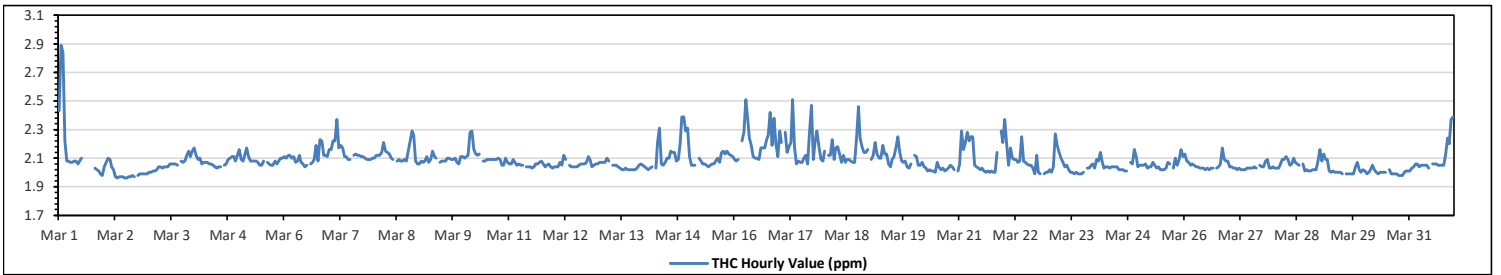
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
TOTAL HYDROCARBONS (THC) in ppm

Maximum Hourly Value:	2.89 ppm on Mar 1 at hr 1	Hours in Service:	744
Maximum Daily Value:	2.21 ppm on Mar 16	Hours of Data:	707
Minimum Hourly Value:	1.96 ppm on Mar 2 at hr 7	Hours of Missing Data:	1
Minimum Daily Value:	2.00 ppm on Mar 2	Hours of Calibration:	36
Monthly Average:	2.09 ppm	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			
Mar 1	2.43	2.89	2.84	2.22	2.08	2.08	2.07	2.07	2.08	2.08	2.06	2.08	2.10	C	C	C	C	Y	S	2.03	2.02	2.01	1.99	1.98		
Mar 2	2.04	2.07	2.10	2.09	2.04	2.02	1.97	1.96	1.97	1.97	1.96	1.96	1.97	1.97	1.98	1.97	S	1.98	1.99	1.99	1.99	1.99	1.99	1.99		
Mar 3	2.00	2.00	2.01	2.01	2.02	2.04	2.04	2.03	2.04	2.04	2.04	2.06	2.06	2.06	2.06	2.05	S	2.08	2.07	2.08	2.12	2.15	2.11	2.15		
Mar 4	2.17	2.12	2.09	2.10	2.06	2.07	2.07	2.07	2.06	2.06	2.05	2.04	2.03	2.04	2.04	S	2.05	2.06	2.09	2.10	2.11	2.11	2.08	2.12		
Mar 5	2.16	2.09	2.08	2.13	2.17	2.11	2.08	2.08	2.08	2.08	2.07	2.05	2.05	2.08	S	2.07	2.06	2.05	2.05	2.08	2.06	2.08	2.10	2.10		
Mar 6	2.11	2.10	2.12	2.12	2.10	2.11	2.07	2.08	2.12	2.07	2.06	2.04	2.05	S	2.06	2.07	2.09	2.19	2.08	2.23	2.22	2.12	2.12	2.11		
Mar 7	2.16	2.16	2.22	2.22	2.37	2.17	2.19	2.17	2.11	2.11	2.09	2.09	S	2.12	2.13	2.12	2.12	2.11	2.11	2.10	2.09	2.09	2.09	2.10		
Mar 8	2.10	2.12	2.12	2.12	2.14	2.21	2.15	2.14	2.13	2.10	2.09	S	2.08	2.09	2.08	2.08	2.09	2.08	2.15	2.22	2.29	2.26	2.08	2.06		
Mar 9	2.06	2.08	2.07	2.08	2.11	2.07	2.09	2.15	2.11	2.10	S	2.07	2.08	2.08	2.08	2.10	2.10	2.09	2.09	2.10	2.07	2.06	2.11	2.11		
Mar 10	2.10	2.11	2.12	2.28	2.29	2.16	2.13	2.12	2.13	S	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.10	2.09	2.05	2.05	2.10	2.07		
Mar 11	2.06	2.06	2.09	2.07	2.05	2.06	2.05	2.05	S	2.04	2.04	2.04	2.03	2.04	2.06	2.06	2.07	2.08	2.06	2.04	2.05	2.06	2.04	2.03		
Mar 12	2.04	2.04	2.04	2.07	2.05	2.12	2.09	S	2.05	2.04	2.04	2.04	2.04	2.05	2.06	2.06	2.06	2.07	2.11	2.09	2.04	2.05	2.06	2.06		
Mar 13	2.07	2.07	2.07	2.10	2.08	S	2.05	2.05	2.05	2.04	2.04	2.03	2.02	2.02	2.03	2.02	2.02	2.02	2.02	2.02	2.03	2.05	2.06	2.05		
Mar 14	2.04	2.03	2.02	2.03	2.04	S	2.03	2.21	2.31	2.06	2.05	2.07	2.10	2.10	2.15	2.14	2.14	2.08	2.09	2.11	2.39	2.29	2.31	2.02		
Mar 15	2.11	2.05	2.05	2.05	S	2.10	2.08	2.06	2.06	2.05	2.04	2.05	2.06	2.06	2.08	2.10	2.07	2.14	2.15	2.13	2.15	2.12	2.11	2.04		
Mar 16	2.09	2.08	2.09	S	2.22	2.28	2.51	2.37	2.24	2.19	2.11	2.10	2.10	2.09	2.17	2.17	2.17	2.23	2.26	2.42	2.19	2.38	2.20	2.11		
Mar 17	2.29	2.21	S	2.28	2.14	2.18	2.21	2.51	2.18	2.06	2.08	2.07	2.07	2.10	2.12	2.06	2.28	2.47	2.09	2.21	2.29	2.17	2.09	2.08		
Mar 18	2.15	S	2.12	2.12	2.23	2.09	2.17	2.18	2.13	2.07	2.12	2.07	2.09	2.09	2.08	2.07	2.27	2.24	2.46	2.24	2.18	2.14	2.14	2.16		
Mar 19	S	2.09	2.12	2.21	2.13	2.10	2.10	2.19	2.13	2.13	2.06	2.04	2.09	2.11	2.17	2.25	2.14	2.08	2.07	2.08	2.04	2.03	2.06	S		
Mar 20	2.12	2.11	2.05	2.05	2.07	2.04	2.03	2.01	2.02	2.01	2.00	2.07	2.04	2.02	2.03	2.01	2.02	2.03	2.05	2.04	2.02	S	2.01	2.00		
Mar 21	2.06	2.29	2.16	2.21	2.28	2.22	2.25	2.25	2.05	2.04	2.03	2.02	2.03	2.01	2.00	2.01	2.00	2.01	2.00	2.00	2.14	S	2.29	2.21		
Mar 22	2.37	2.20	2.05	2.17	2.10	2.09	2.09	2.07	2.08	2.25	2.08	2.07	2.06	2.05	2.05	2.03	1.99	2.12	2.00	1.99	S	1.99	2.00	2.00		
Mar 23	2.02	2.00	2.04	2.27	2.19	2.14	2.10	2.07	2.04	2.05	2.02	2.00	2.00	1.99	2.00	1.99	1.99	1.99	2.00	S	2.03	2.03	2.05	2.06		
Mar 24	2.03	2.09	2.08	2.14	2.07	2.03	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.02	2.02	2.02	2.01	2.01	S	2.07	2.06	2.16	2.11	2.04		
Mar 25	2.05	2.05	2.05	2.06	2.03	2.04	2.04	2.07	2.05	2.03	2.04	2.02	2.02	2.02	2.03	2.07	2.06	S	2.03	2.10	2.05	2.09	2.16	2.11		
Mar 26	2.13	2.08	2.07	2.05	2.06	2.05	2.04	2.04	2.03	2.03	2.03	2.02	2.03	2.02	2.03	2.03	S	2.03	2.04	2.06	2.17	2.09	2.08	2.08		
Mar 27	2.04	2.04	2.03	2.03	2.02	2.03	2.02	2.02	2.02	2.03	2.03	2.03	2.03	2.04	2.03	S	2.05	2.04	2.04	2.08	2.09	2.03	2.03	2.04		
Mar 28	2.03	2.03	2.03	2.06	2.09	2.09	2.11	2.09	2.05	2.06	2.10	2.07	2.06	2.05	S	2.06	2.01	2.02	2.01	2.01	2.02	2.02	2.02	2.08		
Mar 29	2.16	2.08	2.13	2.09	2.09	2.01	2.00	2.01	2.00	2.00	2.00	2.00	1.99	S	1.99	1.99	1.99	1.99	1.99	2.04	2.07	2.02	2.00	2.02		
Mar 30	2.01	1.99	2.00	2.02	2.05	2.02	2.00	1.99	2.00	2.00	2.00	2.00	S	2.02	1.99	1.99	1.99	1.99	1.98	1.98	1.98	2.00	2.01	2.01		
Mar 31	2.01	2.03	2.04	2.06	2.06	2.04	2.05	2.05	2.05	2.03	S	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.05	2.13	2.24	2.20	2.37	2.39		
Diurnal Maximum	2.43	2.89	2.84	2.28	2.27	2.28	2.51	2.51	2.31	2.25	2.12	2.10	2.10	2.12	2.17	2.25	2.28	2.47	2.46	2.42	2.39	2.39	2.37	2.39		
Diurnal Average	2.11	2.11	2.10	2.12	2.12	2.10	2.10	2.11	2.08	2.06	2.05	2.04	2.05	2.05	2.06	2.06	2.06	2.09	2.08	2.10	2.11	2.10	2.10	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
X	Invalid Data (Equipment Malfunction/Recovery)	NRM	Unit Maint (Repeat Calibration/ Repeat Daily Zero-Span Check / Non-Routine Maintenance)	P	Power Failure

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

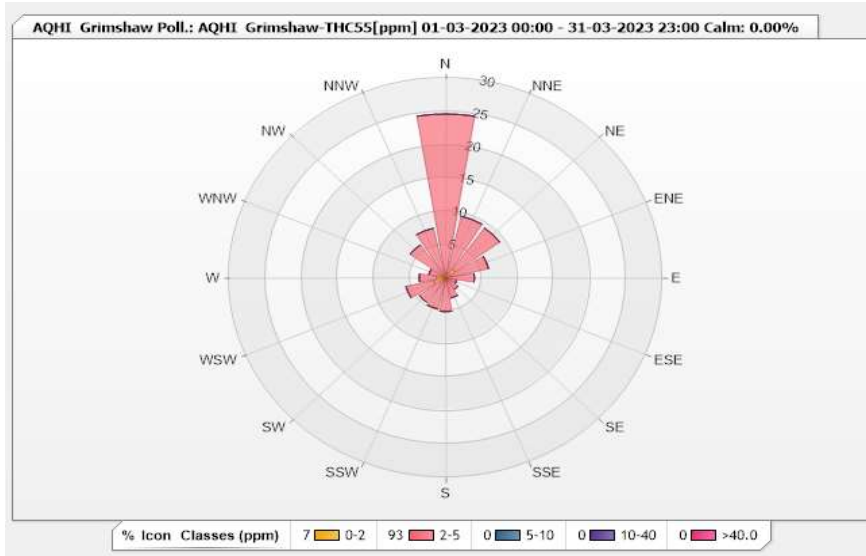


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-THC55[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-40	>40.0	Total
N	0.71	23.9	0	0	0	24.61
NNE	0.57	8.91	0	0	0	9.48
NE	1.56	7.64	0	0	0	9.2
ENE	0.71	5.37	0	0	0	6.08
E	0	3.96	0	0	0	3.96
ESE	0.14	1.41	0	0	0	1.55
SE	0	2.12	0	0	0	2.12
SSE	0.14	2.97	0	0	0	3.11
S	0.28	4.81	0	0	0	5.09
SSW	0	4.81	0	0	0	4.81
SW	0.14	4.38	0	0	0	4.52
WSW	1.7	3.96	0	0	0	5.66
W	1.27	2.4	0	0	0	3.67
WNW	0	2.4	0	0	0	2.4
NW	0	6.08	0	0	0	6.08
NNW	0	7.64	0	0	0	7.64
Summary	7.22	92.76	0	0	0	100



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages

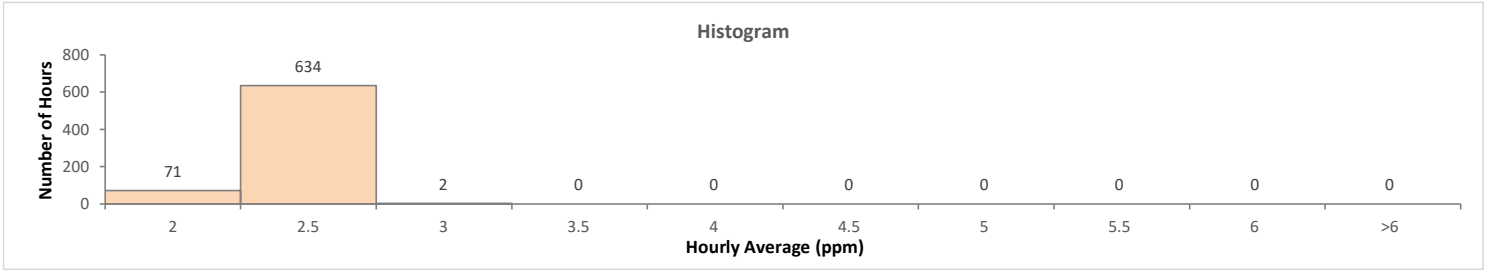
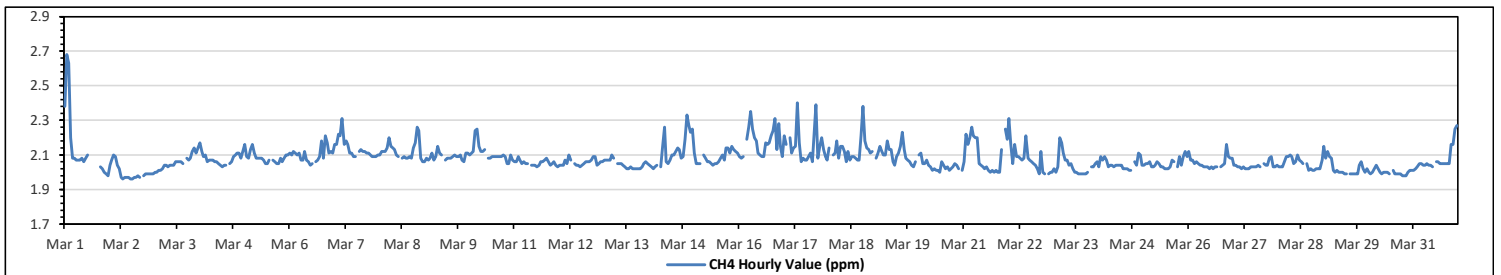
METHANE (CH4) in ppm

Maximum Hourly Value:	2.68 ppm	on Mar 1 at hr 1	Hours in Service:	744
Maximum Daily Value:	2.17 ppm	on Mar 16	Hours of Data:	707
Minimum Hourly Value:	1.96 ppm	on Mar 2 at hr 7	Hours of Missing Data:	1
Minimum Daily Value:	2.00 ppm	on Mar 2	Hours of Calibration:	36
Monthly Average:	2.08 ppm		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	
Mar 1	2.38	2.68	2.63	2.20	2.08	2.08	2.07	2.07	2.07	2.08	2.06	2.08	2.10	C	C	C	C	Y	S	2.03	2.02	2.00	1.99	1.98	1.98	2.68	2.14	
Mar 2	2.04	2.07	2.10	2.09	2.04	2.02	1.97	1.96	1.97	1.97	1.96	1.96	1.96	1.97	1.97	1.98	1.97	S	1.98	1.99	1.99	1.99	1.99	1.99	1.96	2.10	2.00	
Mar 3	2.00	2.00	2.01	2.01	2.02	2.04	2.04	2.03	2.04	2.04	2.04	2.06	2.06	2.06	2.06	2.05	S	2.08	2.07	2.08	2.12	2.14	2.11	2.14	2.00	2.14	2.06	
Mar 4	2.17	2.12	2.09	2.10	2.06	2.07	2.07	2.07	2.06	2.06	2.05	2.04	2.03	2.04	2.04	S	2.05	2.06	2.09	2.10	2.11	2.11	2.08	2.12	2.03	2.17	2.08	
Mar 5	2.16	2.09	2.08	2.13	2.16	2.11	2.08	2.08	2.08	2.08	2.07	2.05	2.05	2.07	S	2.07	2.06	2.05	2.05	2.08	2.06	2.10	2.11	2.08	2.12	2.05	2.16	2.08
Mar 6	2.11	2.10	2.12	2.11	2.10	2.11	2.07	2.07	2.12	2.07	2.06	2.04	2.05	S	2.06	2.07	2.09	2.18	2.08	2.21	2.17	2.11	2.12	2.11	2.04	2.21	2.10	
Mar 7	2.16	2.16	2.22	2.21	2.31	2.16	2.18	2.16	2.11	2.11	2.09	2.09	S	2.12	2.13	2.12	2.12	2.11	2.11	2.10	2.09	2.09	2.10	2.09	2.09	2.31	2.14	
Mar 8	2.10	2.12	2.12	2.12	2.14	2.20	2.15	2.14	2.13	2.10	2.09	S	2.08	2.09	2.08	2.08	2.09	2.08	2.09	2.08	2.14	2.17	2.26	2.24	2.08	2.06	2.26	2.12
Mar 9	2.06	2.08	2.07	2.08	2.11	2.07	2.09	2.15	2.11	2.10	S	2.07	2.08	2.08	2.08	2.09	2.10	2.09	2.09	2.10	2.09	2.07	2.06	2.11	2.11	2.06	2.15	2.09
Mar 10	2.10	2.11	2.12	2.24	2.25	2.15	2.12	2.12	2.13	S	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.10	2.09	2.05	2.10	2.07	2.05	2.25	2.11	
Mar 11	2.06	2.06	2.09	2.07	2.05	2.06	2.05	2.05	S	2.04	2.04	2.04	2.03	2.04	2.06	2.06	2.07	2.08	2.06	2.04	2.05	2.06	2.04	2.03	2.03	2.09	2.05	
Mar 12	2.04	2.04	2.04	2.07	2.05	2.10	2.07	S	2.05	2.04	2.04	2.03	2.04	2.05	2.06	2.06	2.06	2.07	2.09	2.09	2.04	2.05	2.06	2.06	2.03	2.10	2.06	
Mar 13	2.07	2.07	2.07	2.10	2.08	S	2.05	2.05	2.05	2.04	2.03	2.03	2.02	2.02	2.03	2.02	2.02	2.02	2.02	2.02	2.03	2.05	2.06	2.05	2.02	2.10	2.05	
Mar 14	2.04	2.03	2.02	2.03	2.04	S	2.03	2.15	2.26	2.06	2.05	2.04	2.07	2.10	2.10	2.12	2.14	2.13	2.08	2.09	2.19	2.33	2.27	2.23	2.25	2.02	2.33	2.12
Mar 15	2.11	2.05	2.05	2.05	S	2.10	2.08	2.06	2.06	2.05	2.04	2.05	2.05	2.06	2.08	2.10	2.07	2.14	2.14	2.11	2.15	2.13	2.12	2.11	2.04	2.15	2.09	
Mar 16	2.09	2.08	2.09	S	2.19	2.26	2.35	2.25	2.20	2.18	2.11	2.10	2.09	2.09	2.17	2.16	2.17	2.21	2.24	2.31	2.13	2.28	2.15	2.09	2.08	2.35	2.17	
Mar 17	2.21	2.16	S	2.20	2.11	2.14	2.15	2.40	2.17	2.06	2.08	2.07	2.07	2.09	2.11	2.06	2.24	2.39	2.08	2.15	2.20	2.13	2.09	2.07	2.06	2.40	2.15	
Mar 18	2.14	S	2.10	2.11	2.18	2.08	2.15	2.15	2.12	2.06	2.12	2.07	2.09	2.09	2.08	2.07	2.07	2.21	2.38	2.18	2.14	2.13	2.11	2.12	2.06	2.38	2.13	
Mar 19	S	2.08	2.11	2.15	2.12	2.10	2.10	2.18	2.13	2.13	2.06	2.04	2.09	2.11	2.15	2.23	2.13	2.08	2.07	2.06	2.04	2.03	2.06	S	2.03	2.23	2.10	
Mar 20	2.10	2.11	2.05	2.05	2.07	2.04	2.03	2.01	2.02	2.01	2.01	2.00	2.06	2.04	2.02	2.03	2.01	2.02	2.03	2.05	2.04	2.02	S	2.01	2.00	2.11	2.04	
Mar 21	2.06	2.22	2.16	2.20	2.26	2.21	2.20	2.20	2.05	2.04	2.03	2.02	2.03	2.01	2.00	2.01	2.00	2.01	2.00	2.00	2.13	S	2.25	2.19	2.00	2.26	2.10	
Mar 22	2.31	2.16	2.05	2.16	2.09	2.09	2.08	2.07	2.08	2.21	2.08	2.07	2.06	2.05	2.04	2.02	1.99	2.12	2.00	1.99	S	1.99	2.00	2.00	1.99	2.31	2.07	
Mar 23	2.02	2.00	2.03	2.20	2.17	2.11	2.07	2.07	2.04	2.05	2.02	2.00	2.00	1.99	1.99	1.99	1.99	1.99	2.00	S	2.03	2.03	2.05	2.06	1.99	2.20	2.04	
Mar 24	2.03	2.09	2.07	2.09	2.07	2.03	2.04	2.04	2.03	2.04	2.04	2.04	2.04	2.02	2.02	2.02	2.02	2.01	2.01	S	2.06	2.04	2.11	2.10	2.04	2.01	2.11	2.05
Mar 25	2.04	2.05	2.05	2.06	2.03	2.03	2.04	2.06	2.05	2.03	2.03	2.02	2.02	2.02	2.03	2.07	2.06	S	2.03	2.09	2.04	2.09	2.12	2.09	2.02	2.12	2.05	
Mar 26	2.12	2.07	2.07	2.05	2.06	2.05	2.04	2.04	2.03	2.03	2.03	2.02	2.03	2.02	2.03	2.03	S	2.03	2.04	2.05	2.16	2.09	2.08	2.08	2.02	2.16	2.05	
Mar 27	2.04	2.04	2.03	2.03	2.02	2.03	2.02	2.02	2.02	2.03	2.03	2.03	2.03	2.04	2.03	S	2.05	2.05	2.04	2.04	2.08	2.09	2.03	2.04	2.02	2.09	2.04	
Mar 28	2.03	2.03	2.03	2.06	2.09	2.09	2.10	2.09	2.05	2.06	2.10	2.07	2.06	2.05	S	2.05	2.01	2.02	2.01	2.01	2.02	2.02	2.02	2.02	2.01	2.10	2.05	
Mar 29	2.15	2.08	2.12	2.09	2.08	2.01	2.01	2.00	2.01	2.00	2.00	1.99	1.99	S	1.99	1.99	1.99	1.99	1.99	2.04	2.06	2.02	2.00	2.02	1.99	2.15	2.03	
Mar 30	2.00	1.99	2.00	2.02	2.04	2.02	2.00	1.99	2.00	2.00	2.00	1.99	S	2.01	1.99	1.99	1.99	1.99	1.98	1.98	1.98	2.00	2.01	2.01	1.98	2.04	2.00	
Mar 31	2.01	2.02	2.03	2.05	2.05	2.04	2.05	2.04	2.04	2.03	S	2.06	2.06	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.16	2.16	2.25	2.27	2.01	2.27	2.07	
Diurnal Maximum	2.38	2.68	2.63	2.24	2.31	2.26	2.35	2.40	2.26	2.21	2.12	2.10	2.10	2.12	2.17	2.23	2.24	2.39	2.38	2.31	2.33	2.28	2.25	2.27				
Diurnal Average	2.10	2.10	2.09	2.10	2.10	2.09	2.08	2.09	2.08	2.06	2.05	2.04	2.05	2.05	2.06	2.06	2.06	2.08	2.07	2.08	2.09	2.09	2.09	2.08				

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

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

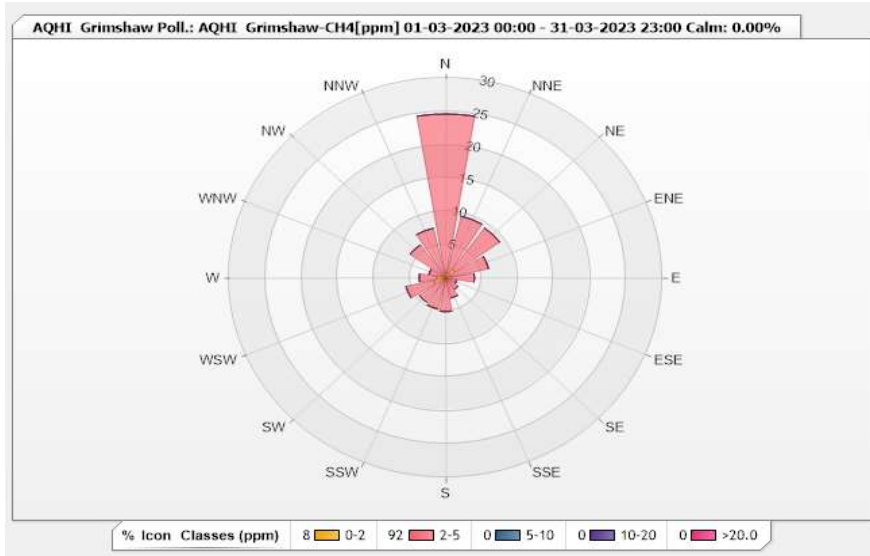


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-CH4[ppm] Monthly: 03-2023

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

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

Direction	0-2	2-5	5-10	10-20	>20.0	Total
N	0.71	23.9	0	0	0	24.61
NNE	0.71	8.77	0	0	0	9.48
NE	1.56	7.64	0	0	0	9.2
ENE	0.71	5.37	0	0	0	6.08
E	0.14	3.82	0	0	0	3.96
ESE	0.14	1.41	0	0	0	1.55
SE	0	2.12	0	0	0	2.12
SSE	0.14	2.97	0	0	0	3.11
S	0.42	4.67	0	0	0	5.09
SSW	0	4.81	0	0	0	4.81
SW	0.14	4.38	0	0	0	4.52
WSW	1.7	3.96	0	0	0	5.66
W	1.27	2.4	0	0	0	3.67
WNW	0	2.4	0	0	0	2.4
NW	0	6.08	0	0	0	6.08
NNW	0	7.64	0	0	0	7.64
Summary	7.64	92.34	0	0	0	100



Peace River Area Monitoring Program

AQHI - Grimshaw Station - March 2023

Summary of Hourly Averages

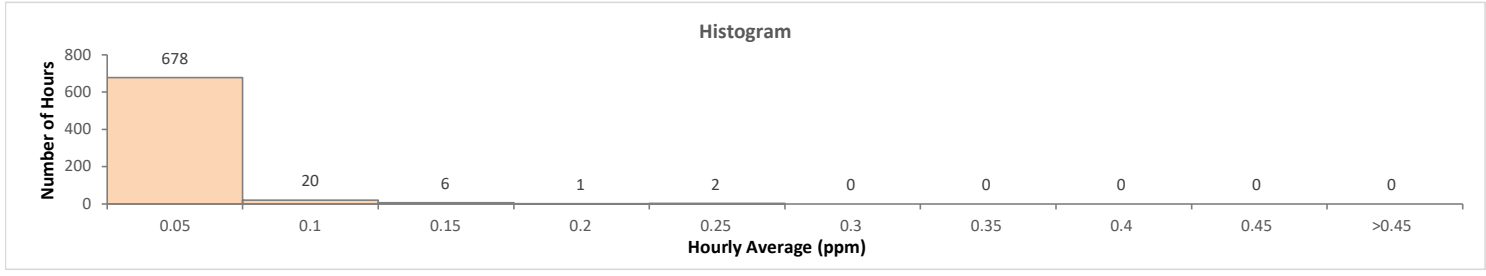
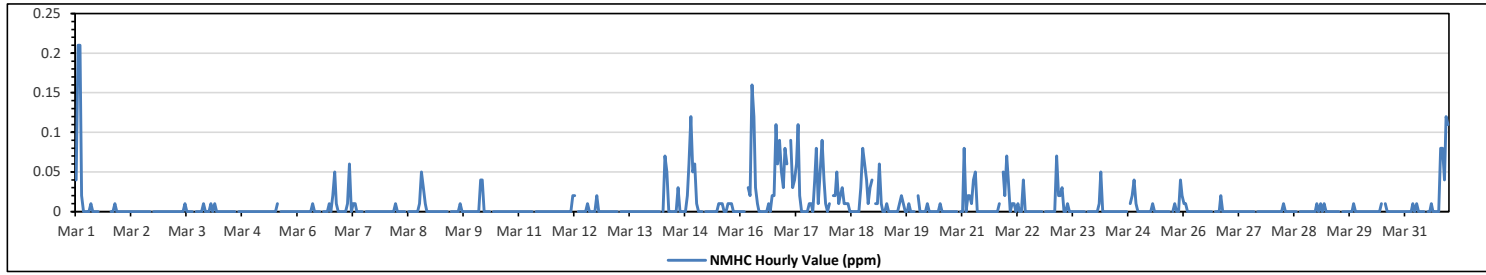
NON-METHANE HYDROCARBONS (NMHC) in ppm

Maximum Hourly Value:	0.21 ppm on Mar 1 at hr 1	Hours in Service:	744
Maximum Daily Value:	0.04 ppm on Mar 17	Hours of Data:	707
Minimum Hourly Value:	0.00 ppm on Mar 1 at hr 4	Hours of Missing Data:	1
Minimum Daily Value:	0.00 ppm on Mar 2	Hours of Calibration:	36
Monthly Average:	0.01 ppm	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		
Mar 1	0.04	0.21	0.21	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	C	C	C	C	Y	S	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.21	0.03	
Mar 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mar 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	0.01	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	
Mar 4	0.00	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Mar 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	0.01	0.00
Mar 6	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	S	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00	0.00	0.00	0.05	0.00
Mar 7	0.00	0.00	0.00	0.01	0.06	0.00	0.01	0.01	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	0.06	0.00
Mar 8	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	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.05	0.00
Mar 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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Mar 10	0.00	0.00	0.00	0.04	0.04	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	0.04	0.00
Mar 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	0.00	0.00
Mar 12	0.00	0.00	0.00	0.00	0.00	0.02	0.02	S	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Mar 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	0.00	0.00
Mar 14	0.00	0.00	0.00	0.00	S	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.06	0.12	0.05	0.06	0.00	0.00	0.00	0.12	0.02	0.00
Mar 15	0.01	0.00	0.00	0.00	S	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Mar 16	0.00	0.00	0.00	S	0.03	0.02	0.16	0.12	0.03	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.02	0.11	0.06	0.09	0.05	0.03	0.00	0.00	0.00	0.16	0.03	0.00
Mar 17	0.08	0.06	S	0.09	0.03	0.04	0.06	0.11	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.04	0.08	0.01	0.05	0.09	0.04	0.01	0.00	0.00	0.00	0.11	0.04	0.04	0.00
Mar 18	0.01	S	0.02	0.02	0.05	0.01	0.02	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.06	0.04	0.01	0.03	0.04	0.00	0.00	0.08	0.02	0.08	0.00
Mar 19	S	0.01	0.01	0.06	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01
Mar 20	0.02	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Mar 21	0.00	0.08	0.00	0.02	0.02	0.01	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.01
Mar 22	0.07	0.04	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.04	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	0.07	0.01
Mar 23	0.00	0.00	0.00	0.07	0.02	0.02	0.03	0.00	0.00	0.01	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	0.07	0.01
Mar 24	0.00	0.00	0.01	0.05	0.00	0.00	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	0.01	0.02	0.04	0.01	0.00	0.00	0.00	0.05	0.01	
Mar 25	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	S	0.00	0.01	0.00	0.00	0.04	0.02	0.00	0.00	0.04	0.00	
Mar 26	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	S	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Mar 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	0.00	0.00
Mar 28	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	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
Mar 29	0.01	0.00	0.01	0.00	0.01	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	0.00	0.00	0.01	0.00
Mar 30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	S	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Mar 31	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	S	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.04	0.12	0.11	0.00	0.00	0.12	0.02	0.00
Diurnal Maximum	0.08	0.21	0.21	0.09	0.06	0.04	0.16	0.12	0.05	0.04	0.01	0.01	0.01	0.01	0.03	0.02	0.04	0.08	0.08	0.11	0.09	0.12	0.12	0.11	0.00	0.12	0.11	0.11	0.00
Diurnal Average	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01

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

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

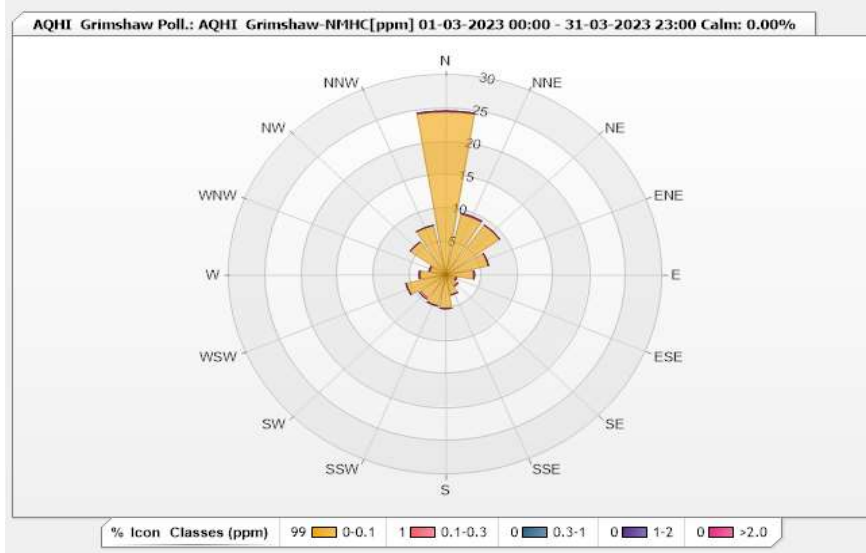


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-NMHC[ppm] Monthly: 03-2023

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

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

Direction	0-0.1	0.1-0.3	0.3-1	1-2	>2.0	Total
N	24.47	0.14	0	0	0	24.61
NNE	9.34	0.14	0	0	0	9.48
NE	9.19	0	0	0	0	9.19
ENE	6.08	0	0	0	0	6.08
E	3.82	0.14	0	0	0	3.96
ESE	1.41	0.14	0	0	0	1.55
SE	1.98	0.14	0	0	0	2.12
SSE	3.11	0	0	0	0	3.11
S	5.09	0	0	0	0	5.09
SSW	4.81	0	0	0	0	4.81
SW	4.24	0.28	0	0	0	4.52
WSW	5.66	0	0	0	0	5.66
W	3.54	0.14	0	0	0	3.68
WNW	2.26	0.14	0	0	0	2.4
NW	6.08	0	0	0	0	6.08
NNW	7.64	0	0	0	0	7.64
Summary	98.72	1.26	0	0	0	100

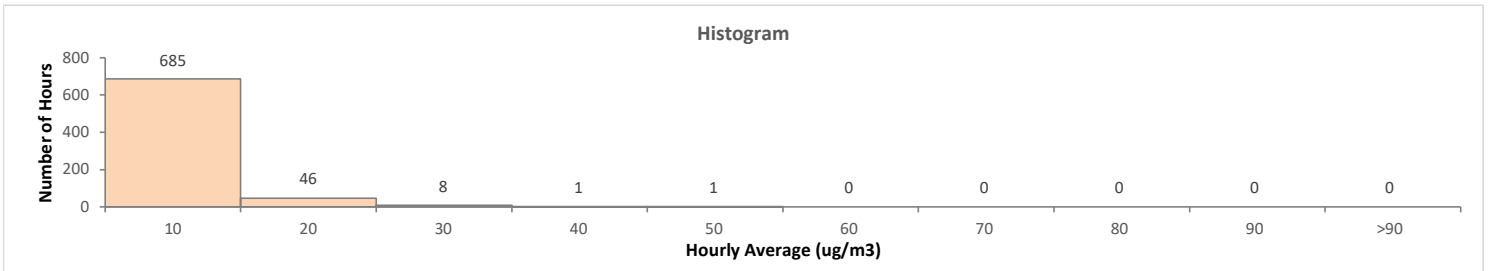
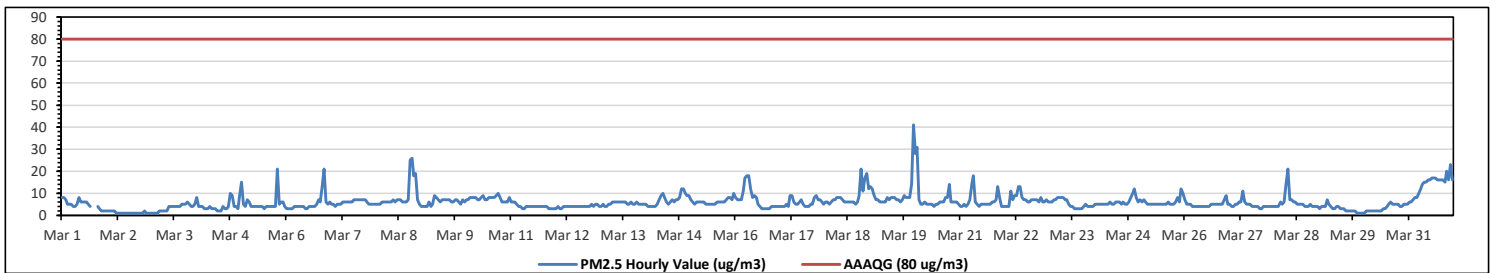


Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages

PARTICULATE MATTER 2.5 (PM_{2.5}) in µg/m³

Alberta Ambient Air Quality Guideline (AAAQG): 1-Hour 80 µg/m ³ , Alberta Ambient Air Quality Objective (AAAQO): 24-Hour 29 µg/m ³																																			
Number of 1-Hour Exceedances: 0													Number of 24-Hour Exceedances: 0																						
Maximum Hourly Value:	41	µg/m ³ on Mar 19 at hr 23											Hours in Service:	744																					
Maximum Daily Value:	14.1	µg/m ³ on Mar 31											Hours of Data:	741																					
Minimum Hourly Value:	1	µg/m ³ on Mar 2 at hr 5											Hours of Missing Data:	0																					
Minimum Daily Value:	1	µg/m ³ on Mar 2											Hours of Calibration:	3																					
Monthly Average:	6.0	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											
Mar 1	8	8	7	5	5	5	4	4	5	8	6	6	6	6	5	4	C	C	C	4	3	2	2	2	2	8	5.0								
Mar 2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1.3								
Mar 3	1	1	1	1	2	2	2	2	2	4	4	4	4	4	4	5	5	5	6	5	4	4	5	1	1	6	3.4								
Mar 4	8	4	4	4	3	3	3	4	3	3	2	2	2	2	4	3	3	4	10	9	4	4	3	9	2	10	4.2								
Mar 5	15	5	4	7	6	4	4	4	4	4	4	3	4	4	4	4	4	4	21	5	6	6	4	3	3	21	5.6								
Mar 6	3	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	5	7	6	13	21	6	5	6	3	21	5.3								
Mar 7	5	5	4	5	5	5	6	6	6	6	6	7	7	7	7	7	7	7	6	5	5	5	5	4	4	7	5.8								
Mar 8	5	5	5	6	6	6	6	6	6	7	6	7	7	7	6	6	6	7	25	26	18	19	7	5	5	26	8.8								
Mar 9	4	4	4	4	6	4	5	9	8	7	6	7	7	7	7	6	6	7	7	6	5	7	6	4	4	9	6.1								
Mar 10	7	7	8	8	8	8	7	7	8	9	7	7	8	8	8	9	10	8	6	6	6	6	8	6	6	10	7.6								
Mar 11	6	6	6	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	6	4.0								
Mar 12	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	3	3	5	4.0								
Mar 13	4	5	4	4	5	5	6	6	6	6	6	6	6	6	5	5	6	5	5	6	5	5	5	4	4	6	5.3								
Mar 14	5	4	4	4	4	4	5	7	9	10	8	6	5	6	7	6	7	7	8	12	12	10	9	4	4	12	7.0								
Mar 15	7	6	5	6	6	6	6	6	5	5	5	5	5	5	6	6	6	6	6	7	8	8	7	10	5	10	6.2								
Mar 16	8	7	7	7	11	17	18	18	12	8	9	8	5	4	3	3	3	3	3	4	4	4	4	3	3	18	7.3								
Mar 17	4	4	4	5	4	9	9	6	5	6	7	5	4	4	4	4	5	5	8	9	7	7	6	5	4	9	5.7								
Mar 18	6	6	5	6	7	7	8	8	8	7	6	6	6	6	6	6	5	6	9	21	11	17	19	12	5	21	8.5								
Mar 19	13	12	9	7	7	6	6	6	6	8	7	8	8	8	7	7	6	7	9	8	8	8	14	41	6	41	9.4								
Mar 20	28	31	7	5	5	6	5	5	5	5	4	5	5	6	6	6	8	8	14	6	6	6	6	5	4	31	8.0								
Mar 21	4	4	5	4	5	7	14	18	6	5	4	5	5	5	5	5	6	6	7	13	8	4	4	4	4	18	6.4								
Mar 22	4	4	4	11	7	9	9	13	13	8	7	6	6	7	7	7	7	6	8	6	6	7	6	4	4	13	7.3								
Mar 23	6	6	7	7	8	8	8	8	7	7	5	4	4	3	3	3	3	3	4	5	4	4	4	3	3	8	5.2								
Mar 24	5	5	5	5	5	5	5	5	6	5	6	6	6	6	5	6	5	6	8	10	12	8	6	5	5	12	6.0								
Mar 25	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	6	8	6	12	10	5	12	6.0								
Mar 26	7	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	7	9	5	4	4	9	4.9								
Mar 27	5	4	4	5	5	6	6	11	6	5	5	5	4	4	4	4	3	3	4	4	4	4	4	3	3	11	4.7								
Mar 28	4	4	4	6	5	6	14	21	7	7	6	6	5	5	5	2	4	4	4	5	4	4	4	4	4	21	6.0								
Mar 29	3	4	4	4	7	5	4	3	3	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	7	2.9								
Mar 30	1	2	2	2	2	2	2	2	2	2	3	3	4	5	6	5	5	5	5	4	4	5	5	5	1	6	3.5								
Mar 31	6	6	7	8	8	10	12	14	15	15	16	17	17	17	16	16	16	16	15	20	16	23	16	6	23	14.1									
Diurnal Maximum	28	31	9	11	11	17	18	21	15	15	16	16	17	17	17	16	16	16	25	26	21	19	23	41											
Diurnal Average	6.3	5.8	4.8	5.2	5.3	5.7	6.3	7.1	6.0	5.9	5.5	5.5	5.3	5.4	5.4	5.3	5.3	5.6	6.9	8.1	7.2	6.6	6.6	6.9											
C	Monthly Calibration											S	Daily Zero-Span Check											Q	Quality Assurance										
K	Collection Error											ND	No Data (Machine Not in Service)											Y	Routine Maintenance										
X	Invalid Data (Equipment Malfunction/Recovery)											NRM	UnitMaint (Repeat Calibration / Repeat Daily Zero-Span Check / Non-Routine Maintenance)											P	Power Failure										

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

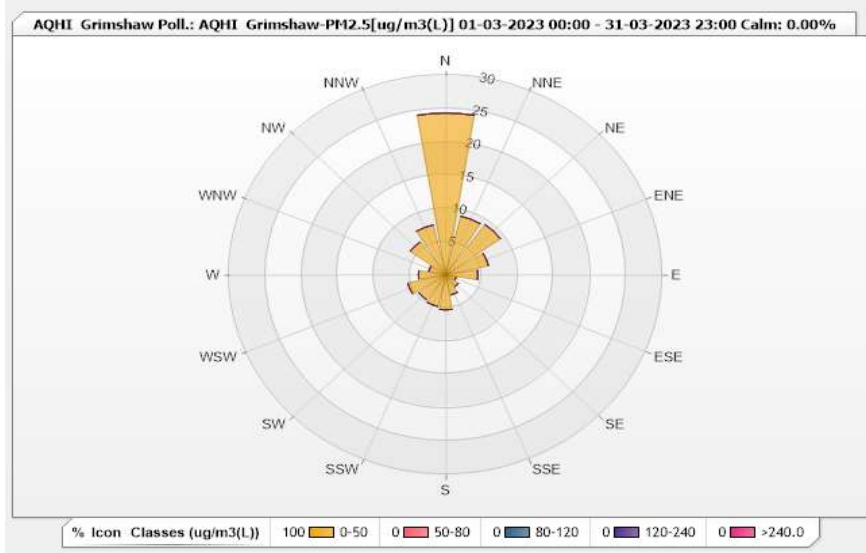


Station: AQHI Grimshaw Poll.: AQHI Grimshaw-PM2.5[ug/m3(L)] Monthly: 03-2023

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

Calm: 0.00% Valid Data: 99.60% Calm Avg: 0.00 [ppm]

Direction	0-50	50-80	80-120	120-240	>240.0	Total
N	24.29	0	0	0	0	24.29
NNE	9.04	0	0	0	0	9.04
NE	9.31	0	0	0	0	9.31
ENE	6.07	0	0	0	0	6.07
E	4.45	0	0	0	0	4.45
ESE	1.48	0	0	0	0	1.48
SE	2.16	0	0	0	0	2.16
SSE	3.1	0	0	0	0	3.1
S	5.26	0	0	0	0	5.26
SSW	4.86	0	0	0	0	4.86
SW	4.59	0	0	0	0	4.59
WSW	5.4	0	0	0	0	5.4
W	3.78	0	0	0	0	3.78
WNW	2.43	0	0	0	0	2.43
NW	6.07	0	0	0	0	6.07
NNW	7.69	0	0	0	0	7.69
Summary	100	0	0	0	0	100



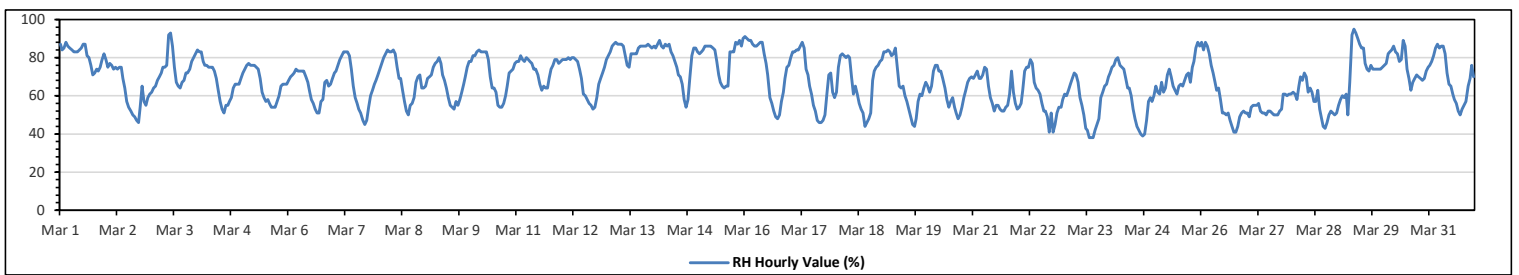
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
RELATIVE HUMIDITY (RH) in %

Maximum Hourly Value:	95 %	on Mar 29 at hr 8	Hours in Service:	744
Maximum Daily Value:	84.1 %	on Mar 13	Hours of Data:	744
Minimum Hourly Value:	38 %	on Mar 23 at hr 13	Hours of Missing Data:	0
Minimum Daily Value:	53.9 %	on Mar 27	Hours of Calibration:	0
Monthly Average:	68.2 %		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
Mar 1	87	84	85	88	86	85	84	83	83	83	84	85	87	87	81	80	76	71	72	74	73	75	79	82	71	88	81.4
Mar 2	79	75	77	76	74	75	74	75	75	69	64	57	54	52	50	49	47	46	54	65	57	55	59	61	46	79	63.3
Mar 3	62	64	65	68	70	72	75	75	76	92	93	86	75	67	65	64	67	68	72	72	74	78	80	82	62	93	73.4
Mar 4	84	83	83	78	76	76	75	75	75	73	69	63	57	53	51	55	55	57	59	64	66	66	66	69	51	84	67.8
Mar 5	72	74	76	77	76	76	76	75	74	69	62	59	57	58	56	54	54	54	57	60	65	66	66	66	54	77	65.8
Mar 6	68	70	71	72	74	73	73	73	73	70	67	62	58	56	53	51	51	57	58	67	68	65	66	66	51	74	65.2
Mar 7	72	73	76	79	81	83	83	83	81	74	65	59	56	53	51	47	45	47	54	60	63	66	68	71	45	83	66.3
Mar 8	74	77	80	82	84	83	83	84	82	75	69	69	63	57	52	50	55	56	59	67	70	71	64	64	50	84	69.6
Mar 9	65	69	70	71	75	77	78	80	77	71	68	64	59	55	54	53	57	55	58	62	66	70	75	78	53	80	67.0
Mar 10	78	81	81	83	84	83	83	83	83	79	70	64	64	62	55	54	54	56	60	65	72	73	74	77	54	84	71.6
Mar 11	78	78	81	79	78	80	79	78	77	74	74	71	66	63	65	64	64	69	74	76	79	79	77	78	63	81	74.2
Mar 12	79	79	79	80	79	80	80	79	78	74	69	61	60	58	56	55	53	54	59	66	69	72	75	79	53	80	69.7
Mar 13	81	83	86	87	88	87	87	87	86	81	76	75	82	82	82	82	85	86	86	86	86	87	86	85	75	88	84.1
Mar 14	86	85	87	89	86	85	87	86	87	83	81	78	75	71	70	66	58	54	58	70	81	85	85	83	54	89	78.2
Mar 15	82	83	84	86	86	86	86	85	84	78	71	67	65	64	65	65	83	83	88	87	89	86	90	64	90	80.3	
Mar 16	91	90	89	89	87	86	86	87	88	88	82	77	71	59	56	52	49	48	50	57	62	69	75	76	48	91	73.5
Mar 17	80	83	83	84	84	86	88	85	74	71	65	61	55	52	47	46	46	47	50	61	71	72	62	59	46	88	67.2
Mar 18	62	75	81	82	81	80	81	80	70	61	65	61	56	53	51	44	46	48	51	68	73	75	76	78	44	82	66.6
Mar 19	79	83	83	84	83	81	82	85	75	65	64	65	60	57	53	49	45	44	48	57	61	60	64	67	44	85	66.4
Mar 20	65	62	65	73	76	76	73	73	69	64	58	54	57	59	54	51	48	50	54	59	63	67	69	70	48	76	62.9
Mar 21	69	71	73	69	69	71	75	74	65	59	56	52	55	55	53	52	52	54	55	61	73	62	56	53	52	75	61.8
Mar 22	54	56	63	73	75	75	79	77	67	64	63	61	56	52	52	49	41	51	41	45	51	54	54	58	41	79	58.8
Mar 23	61	60	63	66	69	72	71	67	59	55	50	43	42	38	38	38	42	45	48	59	62	65	66	70	38	72	56.2
Mar 24	72	75	76	79	80	76	75	74	69	64	64	60	53	48	44	42	40	39	40	47	57	59	57	60	39	80	60.4
Mar 25	65	62	61	67	62	64	71	74	70	65	63	61	65	66	65	68	71	72	67	75	78	85	88	86	61	88	69.6
Mar 26	88	84	88	86	82	76	72	67	63	64	58	51	51	50	51	47	44	41	41	44	49	51	52	51	41	88	60.5
Mar 27	51	49	54	55	55	56	52	51	51	50	52	52	51	50	50	50	52	53	61	61	60	61	61	49	61	53.9	
Mar 28	62	61	58	65	70	68	72	70	62	64	62	57	57	63	53	48	44	43	46	50	52	51	50	51	43	72	57.5
Mar 29	55	58	60	59	61	50	67	92	95	93	90	87	85	85	77	74	73	76	74	74	74	74	75	50	95	74.3	
Mar 30	76	77	82	83	84	86	83	82	78	79	89	86	74	69	63	67	69	71	70	69	68	69	73	75	63	89	75.9
Mar 31	76	78	81	85	87	85	86	86	82	72	66	65	61	58	56	52	50	53	55	57	65	69	76	70	50	87	69.6
Diurnal Maximum	91	90	89	89	88	87	88	92	95	93	93	87	87	87	82	82	85	86	86	88	87	89	88	90			
Diurnal Average	72.7	73.6	75.5	77.2	77.5	77.0	78.1	78.3	75.1	71.7	68.6	64.9	62.2	59.8	57.1	55.4	55.3	56.4	58.3	64.1	67.6	69.0	69.6	70.8			

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

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



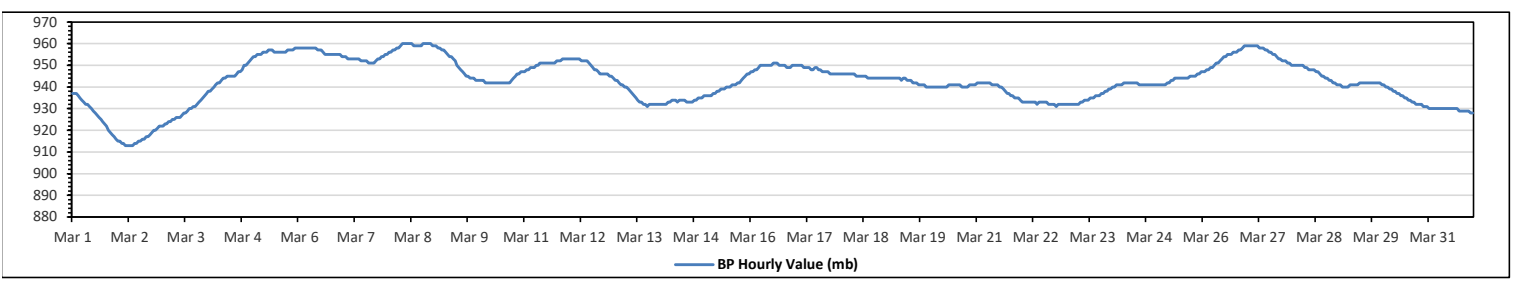
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
BAROMETRIC PRESSURE (BP) in millibar

Maximum Hourly Value:	960	mb	on Mar 8 at hr 7	Hours in Service:	744
Maximum Daily Value:	959	mb	on Mar 8	Hours of Data:	744
Minimum Hourly Value:	913	mb	on Mar 2 at hr 4	Hours of Missing Data:	0
Minimum Daily Value:	916	mb	on Mar 2	Hours of Calibration:	0
Monthly Average:	943	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
Mar 1	937	937	937	936	935	934	933	932	932	931	930	929	928	927	926	925	924	923	922	920	919	918	917	916	916	937	928
Mar 2	915	915	914	914	913	913	913	913	913	914	914	915	915	916	916	917	917	918	919	920	920	921	922	922	913	922	916
Mar 3	922	923	923	924	924	925	925	926	926	926	927	928	928	929	930	930	931	931	932	933	934	935	936	937	922	937	929
Mar 4	938	938	939	940	941	942	942	943	944	944	945	945	945	945	945	946	947	947	948	950	950	951	952	953	938	953	945
Mar 5	954	954	955	955	955	956	956	956	957	957	957	956	956	956	956	956	956	956	957	957	957	957	958	958	954	958	956
Mar 6	958	958	958	958	958	958	958	958	958	958	957	957	957	956	955	955	955	955	955	955	955	955	955	954	954	958	957
Mar 7	954	954	953	953	953	953	953	953	953	952	952	952	952	951	951	951	951	952	953	953	954	954	955	955	951	955	953
Mar 8	956	956	957	957	958	958	959	960	960	960	960	960	960	959	959	959	959	959	960	960	960	960	960	959	956	960	959
Mar 9	959	959	958	958	957	957	956	955	954	954	953	952	950	949	948	947	946	945	945	944	944	944	943	943	943	959	951
Mar 10	943	943	943	942	942	942	942	942	942	942	942	942	942	942	942	942	942	943	944	945	946	946	947	947	942	947	943
Mar 11	947	948	948	949	949	950	950	951	951	951	951	951	951	951	951	951	951	952	952	953	953	953	953	947	953	951	
Mar 12	953	953	953	953	953	953	952	952	952	952	951	950	949	948	948	947	946	946	946	946	946	945	945	944	944	953	949
Mar 13	943	943	942	941	941	940	940	939	938	937	936	935	934	933	933	932	932	931	932	932	932	932	932	932	931	943	936
Mar 14	932	932	932	932	933	933	934	934	934	933	934	934	934	934	933	933	933	933	934	934	935	935	935	936	932	936	934
Mar 15	936	936	936	936	937	937	938	938	939	939	939	940	940	940	941	941	941	942	942	943	944	945	946	946	936	946	940
Mar 16	947	947	948	948	949	950	950	950	950	950	950	950	951	951	951	950	950	950	949	949	949	949	950	947	947	951	950
Mar 17	950	950	950	950	949	949	949	949	948	948	948	949	949	948	948	947	947	947	947	946	946	946	946	946	946	950	948
Mar 18	946	946	946	946	946	946	946	946	945	945	945	945	945	945	944	944	944	944	944	944	944	944	944	944	944	946	945
Mar 19	944	944	944	944	944	944	944	944	944	943	944	943	943	943	942	942	942	941	941	941	941	940	940	940	940	944	943
Mar 20	940	940	940	940	940	940	940	940	940	941	941	941	941	941	941	941	940	940	940	940	941	941	941	941	940	941	940
Mar 21	942	942	942	942	942	942	942	941	941	941	941	940	940	939	938	937	937	936	936	935	935	935	934	934	942	939	939
Mar 22	933	933	933	933	933	933	933	933	932	933	933	933	933	933	932	932	932	932	931	932	932	932	932	932	931	933	933
Mar 23	932	932	932	932	932	932	933	933	933	934	934	934	935	935	935	936	936	936	937	937	938	938	939	939	932	939	935
Mar 24	940	940	941	941	941	941	942	942	942	942	942	942	942	942	941	941	941	941	941	941	941	941	941	941	940	942	941
Mar 25	941	941	941	941	941	942	942	943	943	944	944	944	944	944	944	944	945	945	945	945	945	946	946	947	941	947	944
Mar 26	947	947	948	948	949	949	950	951	951	952	953	954	954	955	955	955	956	956	956	957	957	958	959	959	947	959	953
Mar 27	959	959	959	959	959	959	958	958	958	957	957	956	956	955	955	954	953	953	952	952	952	951	951	950	950	959	956
Mar 28	950	950	950	950	950	949	949	948	948	948	948	947	947	946	945	945	944	944	943	943	943	942	942	941	941	950	947
Mar 29	941	941	940	940	940	940	941	941	941	941	941	941	942	942	942	942	942	942	942	942	942	942	942	941	940	942	941
Mar 30	941	940	940	939	939	938	938	937	937	936	936	935	935	934	934	933	933	932	932	932	932	931	931	931	931	941	935
Mar 31	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	929	929	929	929	929	929	928	928	928	928	930	930
Diurnal Maximum	959	959	959	959	959	959	960	960	960	960	960	960	960	959	959	959	959	960	960	960	960	960	959	959	959	959	959
Diurnal Average	943	943	943	943	943	943	943	943	943	943	943	943	943	943	942	942	942	942	942	942	942	942	943	943	943	943	943

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

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



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages

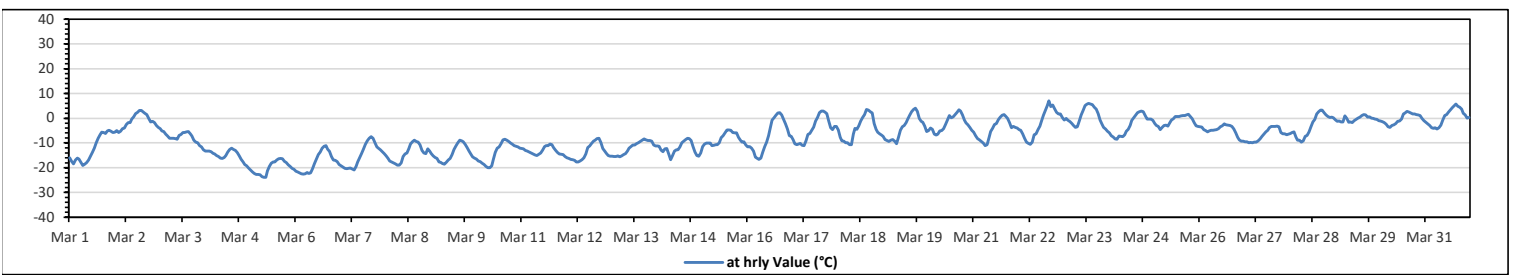
AMBIENT TEMPERATURE (AT) in Degree Celsius

Maximum Hourly Value:	7.0 °C	on Mar 22 at hr 16	Hours in Service:	744
Maximum Daily Value:	0.4 °C	on Mar 31	Hours of Data:	744
Minimum Hourly Value:	-23.9 °C	on Mar 5 at hr 7	Hours of Missing Data:	0
Minimum Daily Value:	-20.0 °C	on Mar 5	Hours of Calibration:	0
Monthly Average:	-7.7 °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
Mar 1	-16	-17.4	-18.5	-16.9	-16.1	-16.5	-17.8	-19.1	-18.6	-17.9	-16.9	-15.3	-13.8	-12.1	-10	-8.2	-6.6	-5.7	-5.8	-6.2	-5.1	-4.9	-5.3	-5.8	-19.1	-4.9	-12.4
Mar 2	-5.7	-5	-5.8	-5.3	-4.2	-4	-2.6	-1.8	-1.8	-0.4	0.5	1.8	2.4	3.1	3.1	2.5	2	1.4	-0.1	-1.5	-1.3	-1.8	-3	-3.8	-5.8	3.1	-1.3
Mar 3	-4.2	-5.1	-5.4	-6.4	-7.2	-8.1	-8.2	-8.1	-8.3	-8.5	-6.9	-6.5	-5.8	-5.8	-5.6	-5.4	-6.3	-7.2	-8.8	-9.6	-10	-11	-11.6	-12.8	-12.8	-4.2	-7.6
Mar 4	-13.3	-13.2	-13.2	-13.5	-14.2	-14.5	-15	-15.5	-16.1	-16.3	-15.8	-15	-13.6	-12.7	-12.1	-12.7	-13	-13.9	-15.2	-16.6	-17.7	-18.7	-19.2	-20.1	-20.1	-12.1	-15.0
Mar 5	-20.9	-21.6	-22.3	-22.7	-22.7	-22.8	-23.6	-23.9	-23.9	-21.3	-19.4	-18.2	-17.6	-17.6	-17	-16.4	-16.2	-16.4	-17.4	-17.9	-18.9	-19.4	-20.3	-20.7	-23.9	-16.2	-20.0
Mar 6	-21.4	-21.7	-22.1	-22.4	-22.6	-22.5	-21.9	-22.3	-22.1	-20.4	-18.3	-16.5	-14.8	-13.7	-12.2	-11.3	-11	-12.6	-13.4	-15.4	-16.9	-17.1	-17.5	-18.7	-22.6	-11.0	-17.9
Mar 7	-19.3	-19.7	-20.2	-20.4	-20.3	-20.1	-20.5	-20.9	-19.4	-17.6	-16	-14.3	-12.5	-10.6	-9.1	-8.1	-7.5	-8.2	-10	-11.6	-12.3	-12.8	-13.5	-14.3	-20.9	-7.5	-15.0
Mar 8	-15.2	-16.3	-17.2	-17.7	-18	-18.5	-19	-19	-18	-15.5	-14.4	-14.1	-12.3	-10.5	-9.5	-8.8	-9.4	-9.7	-10.8	-13	-14.1	-14.3	-12.4	-13.2	-19.0	-8.8	-14.2
Mar 9	-14.3	-15.2	-15.8	-16.3	-17.7	-17.8	-18.3	-18.6	-17.8	-16.9	-16.2	-14.8	-12.7	-11.2	-9.9	-8.8	-9.1	-9.5	-10.6	-11.8	-13.3	-14.6	-15.6	-16.1	-18.6	-8.8	-14.3
Mar 10	-16.5	-17.2	-17.5	-18.2	-18.7	-19.4	-20	-20	-19.2	-16.7	-13.8	-12.1	-11.6	-10.4	-8.7	-8.5	-8.9	-9.4	-10.1	-10.6	-11	-11.3	-11.6	-12.1	-20.0	-8.5	-13.9
Mar 11	-12.3	-12.4	-13	-13.3	-13.7	-14.1	-14.5	-14.9	-15	-14.6	-14.1	-12.9	-11.4	-11	-11.1	-10.5	-10.7	-11.9	-12.9	-13.8	-14.5	-14.6	-14.8	-15.5	-15.5	-10.5	-13.2
Mar 12	-16	-16.3	-16.6	-16.8	-17.1	-17.7	-17.7	-17.3	-16.8	-16	-14.4	-11.8	-11.2	-10.2	-9.3	-8.8	-8.3	-8.2	-9.8	-12.3	-13.2	-14.2	-15	-15.3	-17.7	-8.2	-13.8
Mar 13	-15.3	-15.4	-15.4	-15.2	-15.6	-15.2	-14.7	-14.3	-13.3	-12.2	-11.4	-10.8	-10.8	-10.3	-9.9	-9.4	-8.9	-8.4	-8.7	-9	-9	-9.2	-10.8	-11.2	-15.6	-8.4	-11.9
Mar 14	-11.2	-11.3	-12.9	-13.5	-12.4	-12.3	-14.4	-16.8	-15.1	-13.2	-12.8	-12.8	-11.6	-10	-9.3	-8.6	-8.1	-8.3	-9	-11.4	-13.6	-15	-15.3	-14.1	-16.8	-8.1	-12.2
Mar 15	-11.5	-10.5	-10.1	-10.1	-10.1	-11.1	-10.9	-10.7	-10.7	-9.9	-7.9	-7	-5.9	-4.7	-4.7	-4.8	-5.8	-5.9	-6	-7.7	-8.9	-9.7	-9.5	-10.8	-11.5	-4.7	-8.5
Mar 16	-11.6	-11.5	-12.1	-13.2	-15.7	-16.3	-16.7	-16.1	-13.6	-11.5	-9.6	-7	-3.6	-0.8	0.2	1.2	2.1	2.3	1.3	-0.5	-2.3	-4.3	-7	-7.4	-16.7	2.3	-7.2
Mar 17	-8.7	-10.4	-10.7	-10.5	-10.2	-10.9	-11	-9.1	-6.5	-6.2	-4.8	-3.6	-1.2	0.3	2.3	2.8	2.9	2.5	1.9	-1.1	-3.9	-4.6	-3.3	-3.3	-11.0	2.9	-4.5
Mar 18	-4.7	-7.8	-9.1	-9.3	-9.9	-9.9	-10.7	-10.7	-6.4	-4.1	-4.5	-3.1	-1.2	0.3	1.5	3.5	3.3	2.6	2.1	-2.1	-4.5	-5.7	-6.3	-6.8	-10.7	3.5	-4.3
Mar 19	-7.4	-8.6	-9	-9.4	-8.9	-8.6	-9.2	-10.4	-7.7	-4.9	-3.5	-3	-1.8	-0.4	1.2	2.6	3.5	4	2.7	-0.1	-1.3	-1.7	-3.2	-5.4	-10.4	4.0	-3.8
Mar 20	-5	-4	-4.4	-6.4	-6.8	-6.4	-5.2	-5	-4.2	-2.5	-0.7	1	0.2	0.5	1.4	2.4	3.4	2.9	1.3	-0.7	-1.9	-2.7	-3.7	-4.8	-6.8	3.4	-2.1
Mar 21	-5.7	-7.1	-8.3	-8.7	-9.4	-10.1	-11	-10.7	-7.9	-5.4	-4.1	-2.6	-2.1	-0.6	0.4	1.2	1.4	0.8	0	-1.8	-3.9	-3.4	-3.7	-4	-11.0	1.4	-4.4
Mar 22	-4.6	-4.9	-6.3	-8.2	-9.7	-10.2	-10.6	-9.6	-6.7	-6.3	-4.6	-3.2	-0.8	1.2	3.1	5	7	4.7	5.3	3.8	2.4	1.7	1.7	0.3	-10.6	7.0	-2.1
Mar 23	-0.7	-0.1	-0.9	-1.4	-2.1	-3	-3.8	-3.5	-1.1	1.3	3.1	5	5.6	6	5.7	5.5	4.5	3.6	1.8	-0.8	-2.4	-3.7	-4.3	-5.3	-5.3	6.0	0.4
Mar 24	-6	-7	-7.6	-8.4	-8.5	-7.2	-7.3	-7.5	-6.6	-5.3	-4.5	-2.9	-0.9	0.2	1.2	2.2	2.6	2.9	2.6	1.1	-0.3	-0.3	-0.3	-0.9	-8.5	2.9	-2.9
Mar 25	-2.1	-3	-3.4	-4.6	-3.7	-3	-2.8	-3.2	-2	-0.8	-0.2	0.6	0.6	0.7	0.9	1	1.1	1.3	1.6	0.6	-0.2	-1.8	-3.1	-3.4	-4.6	1.6	-1.2
Mar 26	-3.5	-3.6	-4.6	-5	-5.6	-5.2	-4.9	-4.8	-4.7	-4.6	-4.2	-3.5	-3.1	-2.3	-2.7	-2.8	-2.9	-3.3	-4.3	-6	-7.7	-8.7	-9.3	-9.3	-9.3	-2.3	-4.9
Mar 27	-9.5	-9.5	-9.9	-9.8	-9.9	-9.7	-9.6	-9.1	-8.4	-7.4	-6.4	-5.6	-4.8	-3.9	-3.3	-3.4	-3.3	-3.2	-3.5	-5.8	-6.3	-6.3	-6.6	-6.4	-9.9	-3.2	-6.7
Mar 28	-6.2	-5.8	-5.6	-7.6	-8.9	-8.8	-9.6	-9.1	-7.3	-6.9	-5.6	-3.5	-1.5	-0.5	-1.7	2.6	3.3	3.3	2.3	1.3	0.6	0.3	0.4	0.2	-9.6	3.3	-3.0
Mar 29	-0.6	-1.3	-1.2	-1.5	-1.6	0.9	0	-1.7	-1.6	-1.8	-1	-0.5	0.1	0.4	1.1	1.5	1.3	0.4	0.5	0.1	0	-0.3	-0.5	-1	-1.8	1.5	-0.3
Mar 30	-1.2	-1.4	-1.8	-2.4	-3.5	-3.7	-3	-2.7	-2.1	-1.3	-1.2	-0.3	1.7	2.1	2.7	2.5	2.1	1.7	1.7	1.5	1.3	1	0	-1	-3.7	2.7	-0.3
Mar 31	-1.7	-2.3	-3	-3.9	-4.1	-3.9	-4.3	-3.9	-2.8	-0.7	1	1.5	2.5	3.4	4.3	5.1	5.7	4.8	4.4	3.6	2	1.3	0.1	0.3	-4.3	5.7	0.4
Diurnal Maximum	-0.6	-0.1	-0.9	-1.4	-1.6	0.9	0.0	-1.7	-1.1	1.3	3.1	5.0	5.6	6.0	5.7	5.5	7.0	4.8	5.3	3.8	2.4	1.7	1.7	0.3			
Diurnal Average	-9.4	-9.9	-10.4	-10.9	-11.3	-11.3	-11.6	-11.6	-10.5	-9.2	-8.0	-6.8	-5.6	-4.6	-3.7	-3.1	-2.9	-3.3	-4.1	-5.7	-6.7	-7.3	-7.9	-8.5			

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

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



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages

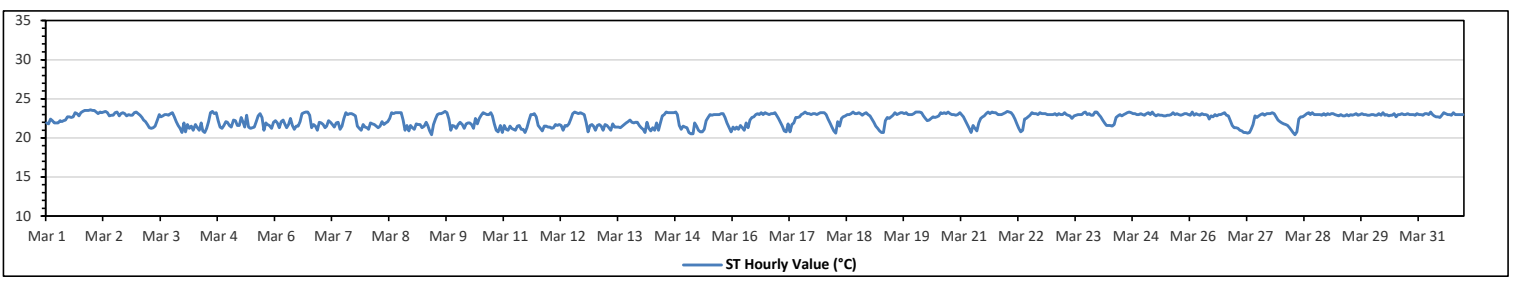
STATION TEMPERATURE (ST) in Degree Celsius

Maximum Hourly Value:	23.6	°C	on Mar 1 at hr 23	Hours in Service:	744
Maximum Daily Value:	23.1	°C	on Mar 2	Hours of Data:	744
Minimum Hourly Value:	20.4	°C	on Mar 9 at hr 10	Hours of Missing Data:	0
Minimum Daily Value:	21.6	°C	on Mar 11	Hours of Calibration:	0
Monthly Average:	22.4	°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			
Mar 1	21.9	21.8	22.4	22.2	21.9	21.9	21.9	22.2	22.1	22.2	22.3	22.7	22.7	22.6	22.7	23.2	23.1	22.8	23.2	23.4	23.5	23.5	23.6	21.8	23.6	22.6
Mar 2	23.5	23.5	23.3	23.1	23.3	23.2	23.3	23.4	23.2	22.8	22.9	22.9	23.2	23.3	22.8	23.1	23.2	23.1	22.8	23.0	22.9	22.9	23.2	22.8	23.5	23.1
Mar 3	23.1	22.9	22.6	22.3	22.1	21.7	21.3	21.2	21.3	21.5	22.3	23.0	22.7	22.8	23.0	23.0	22.9	23.1	23.2	22.7	22.1	21.6	21.2	20.7	20.7	23.2
Mar 4	21.9	20.8	21.7	21.2	21.5	21.0	21.7	21.3	21.0	21.9	20.9	20.7	21.2	22.1	23.2	23.4	23.1	23.2	22.2	21.4	21.2	21.6	22.1	22.0	20.7	23.4
Mar 5	21.6	21.4	22.3	22.2	21.6	21.6	22.6	22.0	21.4	22.9	21.4	21.2	21.3	21.4	22.1	22.8	23.1	22.6	21.0	21.9	21.7	21.6	21.2	22.0	21.0	23.1
Mar 6	22.2	21.9	21.3	22.1	22.3	21.7	21.3	21.7	22.5	21.6	21.1	21.5	21.5	22.1	23.1	23.2	23.3	23.3	22.9	21.3	21.7	21.5	21.0	22.0	21.0	23.3
Mar 7	21.9	21.7	21.3	21.5	22.2	22.0	21.7	21.4	21.9	22.0	21.1	21.5	22.5	23.2	23.0	23.1	23.1	23.0	22.8	21.5	21.2	21.0	21.7	21.4	21.0	23.2
Mar 8	21.3	21.1	21.9	21.8	21.7	21.5	21.3	21.5	22.1	21.7	21.9	22.1	22.5	23.2	23.1	23.2	23.2	23.2	23.2	22.3	21.0	21.6	20.9	21.6	20.9	23.2
Mar 9	21.3	21.1	21.8	21.7	21.7	21.3	21.5	22.0	21.6	20.9	20.9	20.4	21.7	22.4	23.0	23.1	23.1	23.2	23.4	23.2	22.4	21.0	21.6	21.5	21.2	20.4
Mar 10	21.7	22.0	21.7	21.2	21.8	21.9	21.9	21.7	21.2	22.5	21.8	22.5	22.9	23.2	23.1	23.0	23.0	23.2	22.8	21.8	21.0	20.8	21.6	20.7	20.7	23.2
Mar 11	21.6	21.1	21.0	21.5	21.2	21.1	21.0	21.5	21.6	21.1	21.1	20.7	21.3	22.2	23.0	23.0	23.1	22.7	21.6	21.2	20.9	21.5	21.5	21.4	20.7	23.1
Mar 12	21.4	21.2	21.3	21.7	21.6	21.7	21.6	21.0	21.6	21.5	21.8	22.4	23.1	23.3	23.2	23.1	23.2	23.1	23.0	22.0	20.8	21.6	21.7	21.5	20.8	23.3
Mar 13	21.0	21.6	21.7	21.5	21.0	21.7	21.6	21.3	21.0	21.8	21.4	21.4	21.4	21.3	21.5	21.7	21.9	22.1	22.3	22.0	21.9	22.0	22.0	21.6	21.0	22.3
Mar 14	21.3	21.1	20.7	22.0	21.2	20.9	21.3	21.0	21.9	21.0	21.9	22.8	23.0	23.3	23.2	23.2	23.2	23.2	23.3	23.0	21.6	21.1	21.5	21.4	20.7	23.3
Mar 15	21.3	20.7	20.5	20.5	21.9	21.5	21.0	20.8	20.8	21.1	22.2	22.6	23.0	22.9	23.0	23.0	23.0	23.0	23.1	23.1	22.6	21.9	21.4	20.8	20.5	23.1
Mar 16	21.4	21.1	21.4	21.1	21.6	21.3	21.0	21.9	21.3	22.3	22.6	22.7	23.0	23.1	23.0	23.2	23.0	23.2	23.1	23.0	23.1	23.1	23.2	22.9	21.0	23.2
Mar 17	22.5	22.0	21.5	20.9	20.8	21.8	20.8	21.7	21.9	22.6	22.6	22.7	23.0	23.1	23.3	23.1	23.1	23.0	23.1	23.1	23.0	23.1	23.2	23.2	20.8	23.3
Mar 18	23.2	23.0	22.4	21.9	21.4	20.9	20.6	22.1	21.5	22.5	22.7	22.8	23.0	23.0	23.1	23.3	23.1	23.1	23.2	23.1	23.1	22.9	23.1	23.2	20.6	23.3
Mar 19	22.8	22.4	22.0	21.5	21.2	20.9	20.7	20.7	22.2	22.6	22.5	22.7	22.9	23.2	23.0	23.1	23.2	23.2	23.1	23.2	23.0	23.0	23.0	23.1	20.7	23.2
Mar 20	23.3	23.3	23.3	23.2	22.8	22.5	22.2	22.3	22.5	22.7	22.6	22.7	22.8	23.2	23.1	23.2	23.1	23.3	23.1	23.0	23.0	22.9	23.0	23.2	22.2	23.3
Mar 21	23.0	22.7	22.2	21.7	21.2	20.7	21.6	21.2	20.9	21.9	22.5	22.7	22.8	23.1	23.3	23.1	23.3	23.2	23.2	23.0	23.0	23.0	23.1	23.2	20.7	23.3
Mar 22	23.4	23.3	23.2	22.9	22.4	21.8	21.2	20.8	21.0	22.4	22.5	22.7	22.9	23.2	23.1	23.1	23.0	23.2	23.1	23.1	23.1	23.0	23.0	23.0	20.8	23.4
Mar 23	23.0	23.1	22.9	23.1	23.0	23.0	23.2	23.0	22.9	22.8	22.5	22.8	22.9	23.0	23.0	23.0	23.2	23.3	23.0	23.1	22.9	22.9	23.3	22.5	23.3	
Mar 24	23.0	22.7	22.3	21.9	21.6	21.6	21.2	21.5	21.7	22.6	22.8	23.0	22.8	23.0	23.1	23.2	23.3	23.2	23.1	23.1	23.0	23.0	23.1	23.0	21.5	23.3
Mar 25	22.9	23.1	23.2	23.0	23.3	23.0	22.8	23.0	22.9	22.9	22.8	22.8	22.9	22.9	23.0	23.2	23.0	23.1	23.0	22.9	23.0	23.1	23.1	23.0	22.8	23.3
Mar 26	22.9	23.3	22.9	23.1	23.0	22.9	23.1	23.0	23.0	22.9	22.4	22.8	22.7	23.0	22.8	23.0	23.0	23.1	23.2	22.9	22.8	22.2	21.6	21.3	21.3	
Mar 27	21.3	21.2	21.0	20.9	20.7	20.7	20.6	20.7	21.1	21.7	22.8	22.6	22.8	23.0	23.1	22.9	23.1	23.1	23.2	23.1	22.7	22.3	22.1	20.6	23.2	
Mar 28	21.9	21.8	21.7	21.6	21.3	21.0	20.7	20.4	20.8	22.4	22.7	22.7	22.9	23.1	23.2	23.0	23.2	23.0	23.0	23.0	22.9	23.1	22.9	20.4	23.2	
Mar 29	23.1	23.0	23.1	23.1	23.0	22.9	22.8	23.0	22.8	23.0	22.8	23.0	22.8	23.0	22.9	23.0	23.1	22.9	23.0	23.1	23.0	22.9	22.9	23.0	22.8	23.1
Mar 30	23.0	22.9	22.9	23.1	22.9	23.2	22.9	23.0	22.8	22.9	22.9	23.1	22.7	23.0	23.0	23.1	23.0	23.0	23.1	23.0	23.0	22.9	23.1	22.7	23.2	
Mar 31	23.0	23.0	22.9	23.1	23.1	23.0	23.3	23.0	22.8	22.7	22.7	22.6	22.9	23.2	23.1	23.0	23.0	22.9	23.2	23.0	23.0	23.0	23.0	22.6	23.3	
Diurnal Maximum	23.5	23.5	23.3	23.2	23.3	23.2	23.3	23.4	23.2	22.9	23.0	23.1	23.2	23.3	23.3	23.4	23.3	23.4	23.3	23.4	23.5	23.5	23.5	23.6		
Diurnal Average	22.3	22.1	22.1	22.0	21.9	21.8	21.7	21.8	21.8	22.2	22.2	22.4	22.6	22.9	23.0	23.1	23.1	23.1	22.9	22.6	22.4	22.3	22.4	22.3		

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

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



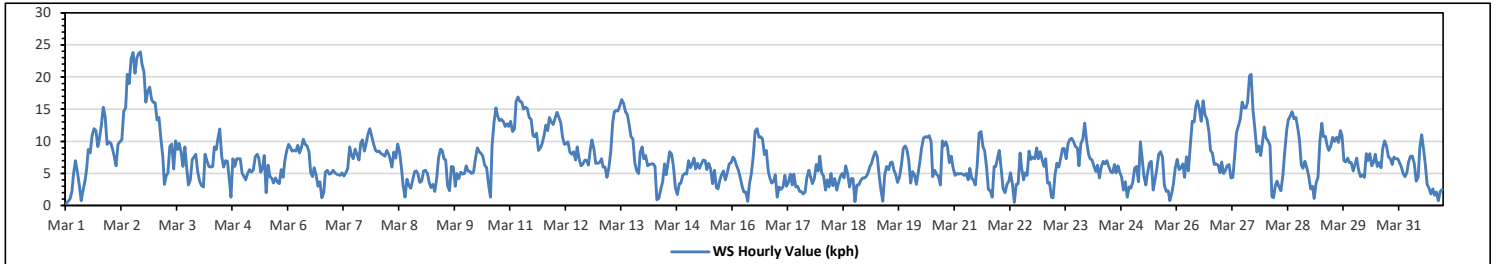
Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
VECTOR WIND SPEED (VWS) in km/hr

Maximum Hourly Value:	23.9 kph	on Mar 2 at hr 16	Hours in Service:	744
Maximum Daily Value:	16.5 kph	on Mar 2	Hours of Data:	744
Minimum Hourly Value:	0.3 kph	on Mar 1 at hr 0	Hours of Missing Data:	0
Minimum Daily Value:	3.7 kph	on Mar 17	Hours of Calibration:	0
Monthly Average:	7.2 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
Mar 1	0.3	0.7	1.0	2.2	4.9	7.0	5.3	3.2	0.8	2.4	3.9	5.7	8.7	8.2	10.9	12.0	11.7	9.2	10.4	12.5	15.3	13.8	9.5	9.9	0.3	15.3	7.1
Mar 2	9.7	8.8	7.7	6.2	9.5	9.9	10.2	14.7	15.2	20.4	19.0	22.8	23.8	20.6	23.0	23.6	23.9	22.0	20.8	16.1	17.8	18.4	16.5	16.1	6.2	23.9	16.5
Mar 3	16.0	13.3	13.7	10.5	7.6	3.3	4.7	5.1	9.2	9.6	5.7	10.1	8.7	9.7	8.4	6.1	9.1	5.7	3.2	4.0	7.2	7.5	8.0	5.3	3.2	16.0	8.0
Mar 4	3.8	3.1	2.9	8.0	7.0	6.1	6.0	6.1	9.1	8.7	10.6	11.9	7.7	6.0	7.0	6.9	4.0	1.3	7.3	6.1	7.3	7.3	7.3	5.0	1.3	11.9	6.5
Mar 5	4.5	4.0	5.0	5.6	5.2	5.6	7.6	8.0	7.4	5.2	5.9	7.8	2.0	6.3	4.5	4.2	3.5	4.3	3.7	3.4	5.6	4.4	6.9	8.5	2.0	8.5	5.4
Mar 6	9.5	9.1	8.5	8.6	8.5	9.4	8.2	9.0	10.3	9.5	9.3	8.3	5.2	4.5	5.9	4.8	3.0	3.7	1.2	2.0	5.2	5.5	4.9	5.0	1.2	10.3	6.6
Mar 7	5.5	5.1	4.9	4.8	4.7	5.1	4.6	5.1	5.8	9.1	8.0	7.3	8.8	7.9	7.1	9.8	10.2	8.5	9.5	11.1	12.0	10.8	9.5	8.6	4.6	12.0	7.7
Mar 8	8.4	8.5	8.1	7.9	7.7	8.6	8.0	7.1	6.0	8.3	7.4	9.6	8.3	5.8	3.1	1.3	4.1	3.1	2.7	4.0	5.3	5.4	5.0	3.6	1.3	9.6	6.1
Mar 9	3.8	5.4	5.5	5.0	3.5	2.8	3.3	2.2	4.3	7.5	8.8	8.6	7.3	7.1	3.1	2.3	6.1	6.0	3.0	5.0	4.2	5.2	4.9	5.0	2.2	8.8	5.0
Mar 10	6.2	5.4	5.3	5.0	5.2	7.3	9.0	8.4	8.1	7.7	6.3	5.9	3.3	1.3	9.4	12.9	15.2	14.0	13.2	13.4	13.1	12.3	12.7	12.3	1.3	15.2	8.9
Mar 11	13.1	11.5	12.0	16.2	16.9	16.2	16.1	15.0	15.3	15.1	13.7	13.4	10.9	10.7	11.3	8.6	9.0	9.6	10.8	12.5	11.7	13.7	13.0	12.6	8.6	16.9	12.9
Mar 12	13.6	14.5	13.7	12.8	10.7	9.5	9.7	9.9	8.3	8.0	8.4	7.1	9.1	7.3	6.2	6.5	7.1	7.0	6.3	8.7	10.2	8.9	6.6	6.6	6.2	14.5	9.0
Mar 13	6.7	7.3	6.0	6.0	4.4	5.9	8.5	12.9	14.6	14.8	14.7	15.5	16.5	15.9	14.6	14.1	12.7	10.7	10.4	6.7	5.4	5.0	8.3	9.1	4.4	16.5	10.3
Mar 14	7.3	7.8	6.2	6.4	6.5	6.5	6.1	0.9	1.1	2.5	3.7	6.5	4.8	6.7	8.4	8.0	6.0	2.7	1.7	3.4	3.5	4.7	5.0	4.9	0.9	8.4	5.1
Mar 15	7.0	5.9	6.6	7.4	5.7	6.6	5.8	6.5	7.1	7.0	5.6	6.6	5.7	3.4	5.5	2.8	2.6	4.0	4.8	5.4	4.0	5.1	6.5	6.7	2.6	7.4	5.6
Mar 16	7.5	7.2	6.2	5.5	4.2	2.9	2.1	2.1	0.7	3.3	4.9	7.6	11.6	12.0	10.6	10.7	10.4	7.9	8.6	5.4	4.3	3.5	3.8	4.8	0.7	12.0	6.2
Mar 17	1.3	2.9	2.5	2.9	4.7	3.0	3.6	4.9	3.2	4.9	2.9	3.0	2.2	2.2	1.8	2.1	4.4	5.5	4.3	3.4	4.2	6.4	5.4	7.7	1.3	7.7	3.7
Mar 18	5.1	4.6	2.4	4.0	2.9	5.0	3.1	4.2	2.4	3.4	4.5	5.0	4.3	6.2	5.0	2.9	4.2	4.2	0.6	3.2	3.2	3.9	4.3	4.3	0.6	6.2	3.9
Mar 19	4.5	5.1	6.0	6.6	7.7	8.4	7.5	4.5	2.5	0.7	4.8	6.1	5.6	6.7	6.8	5.5	4.9	3.6	4.4	6.3	8.9	9.3	8.8	7.1	0.7	9.3	5.9
Mar 20	3.5	5.3	4.8	3.3	4.9	6.9	8.9	10.5	10.7	10.6	10.9	9.9	4.5	5.5	4.9	4.5	3.2	10.1	9.3	9.9	9.2	6.7	7.7	5.8	3.2	10.9	7.1
Mar 21	4.7	5.0	4.9	5.0	4.9	4.7	5.0	4.0	5.8	4.2	4.0	3.2	6.3	11.3	11.5	9.1	8.6	6.1	2.5	2.3	1.3	6.1	6.1	7.5	1.3	11.5	5.6
Mar 22	8.6	5.7	2.6	2.0	3.3	3.8	5.1	3.4	0.5	3.3	3.4	8.2	5.8	4.0	5.1	4.7	8.5	7.2	7.5	7.3	9.0	7.3	8.4	7.1	0.5	9.0	5.5
Mar 23	6.1	7.3	3.5	3.6	1.3	1.2	4.7	6.6	6.0	7.4	8.9	8.9	7.3	9.7	10.3	10.5	10.0	9.2	9.0	6.2	9.7	10.3	12.8	10.0	1.2	12.8	7.5
Mar 24	8.0	7.3	7.1	6.1	5.3	6.3	4.3	6.1	6.9	6.5	7.0	6.1	5.3	5.1	6.4	5.1	6.2	5.1	4.5	2.4	3.7	1.3	2.9	2.7	1.3	8.0	5.3
Mar 25	3.6	5.8	6.1	3.7	9.9	7.6	4.6	3.2	5.0	6.6	6.9	2.4	4.1	5.6	7.9	8.4	7.5	3.1	2.2	2.3	0.8	1.9	3.3	5.9	0.8	9.9	4.9
Mar 26	7.2	5.6	5.9	6.5	4.4	7.6	5.4	9.4	13.1	13.0	15.4	16.3	15.1	13.1	16.3	14.1	13.4	11.6	8.6	8.2	6.4	6.5	6.3	5.1	4.4	16.3	9.8
Mar 27	6.8	5.0	5.4	6.2	6.4	4.3	4.4	8.0	11.3	12.4	13.4	16.1	15.2	15.2	16.1	20.2	20.4	14.8	11.8	8.3	9.3	7.8	9.7	12.2	4.3	20.4	10.9
Mar 28	10.5	10.1	9.4	1.4	1.2	3.2	3.8	2.9	2.3	4.6	8.3	11.7	13.3	13.9	14.6	13.5	13.7	12.0	10.2	6.3	5.8	6.9	5.9	4.6	1.2	14.6	7.9
Mar 29	2.6	3.0	1.1	3.5	4.4	10.1	12.8	10.7	10.8	9.3	8.6	9.3	10.6	10.0	10.6	9.8	11.7	10.9	7.0	6.8	7.4	6.7	6.7	5.4	1.1	12.8	7.9
Mar 30	6.5	7.4	5.5	4.5	4.8	4.4	8.1	7.0	8.1	6.2	6.8	8.0	6.1	6.7	5.9	8.8	10.1	9.3	7.6	7.3	6.4	7.5	7.3	7.3	4.4	10.1	7.0
Mar 31	6.8	6.1	5.0	4.5	5.2	6.8	7.7	7.7	6.5	3.8	4.4	9.0	11.0	8.7	6.6	3.3	2.7	1.8	2.6	1.6	2.1	0.8	2.2	2.5	0.8	11.0	5.0
Diurnal Maximum	16.0	14.5	13.7	16.2	16.9	16.2	16.1	15.0	15.3	20.4	19.0	22.8	23.8	20.6	23.0	23.6	23.9	22.0	20.8	16.1	17.8	18.4	16.5	16.1			
Diurnal Average	6.7	6.6	6.0	5.9	5.9	6.3	6.6	6.8	7.0	7.6	7.9	9.0	8.4	8.3	8.7	8.3	8.6	7.6	6.8	6.5	7.1	7.1	7.3	7.1			

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

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

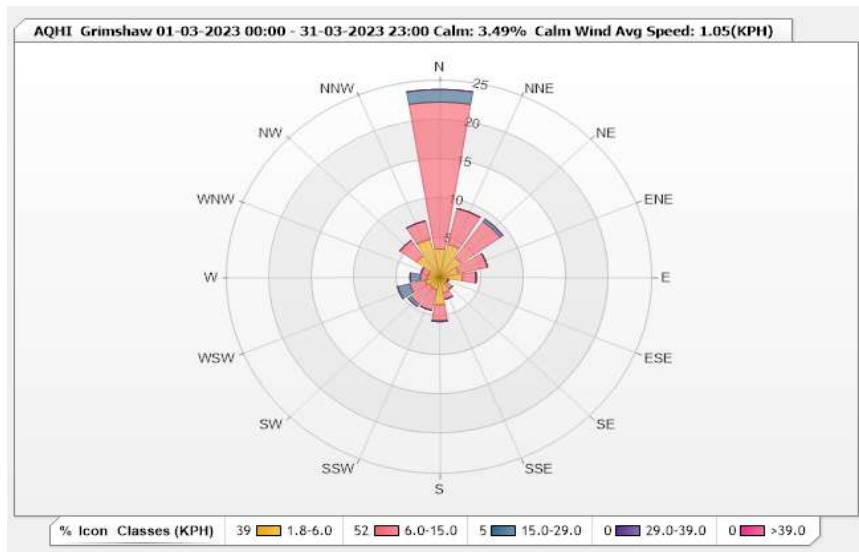


Station: AQHI Grimshaw Monitor: WDS [KPH] Monthly: 03-2023

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

Calm (WS<1.8kph): 3.49% Valid Data: 100.00%

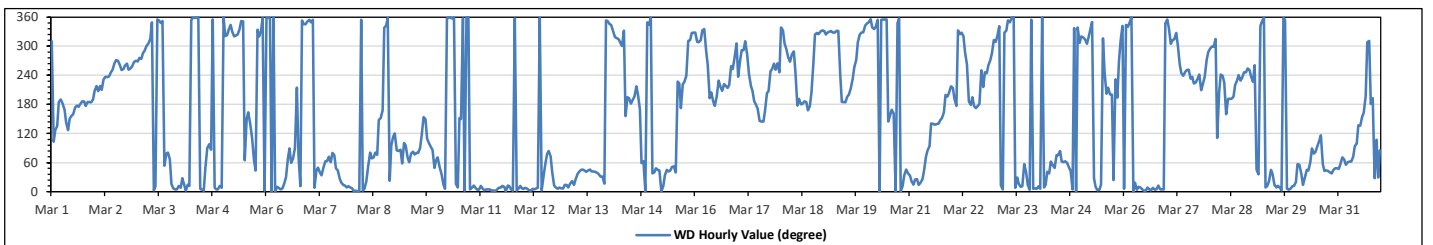
Direction	1.8-6.0	6.0-15.0	15.0-29.0	29.0-39.0	>39.0	Total
N	3.63	18.68	1.61	0	0	23.92
NNE	4.3	4.7	0	0	0	9
NE	3.09	5.65	0.4	0	0	9.14
ENE	2.28	3.49	0	0	0	5.77
E	2.69	1.61	0	0	0	4.3
ESE	0.94	0.13	0	0	0	1.07
SE	0.94	0.94	0	0	0	1.88
SSE	2.02	0.81	0	0	0	2.83
S	3.49	2.02	0.13	0	0	5.64
SSW	1.61	2.69	0	0	0	4.3
SW	1.48	2.69	0.4	0	0	4.57
WSW	1.75	1.88	1.48	0	0	5.11
W	1.48	0.81	1.21	0	0	3.5
WNW	1.34	0.94	0	0	0	2.28
NW	3.36	2.42	0	0	0	5.78
NNW	4.97	2.42	0	0	0	7.39
Summary	39.37	51.88	5.23	0	0	96.48



Peace River Area Monitoring Program
AQHI - Grimshaw Station - March 2023
Summary of Hourly Averages
WIND DIRECTION (VWD) in sector

Monthly Average:		2 (N) 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																	
Mar 1	NW	ESE	SE	SE	S	S	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	169	SSE																	
Mar 2	SSW	SW	SSW	SW	SSW	SW	SW	SW	SW	WSW	WSW	W	W	W	W	WSW	WSW	WSW	W	WSW	WSW	WSW	W	W	246	WSW																	
Mar 3	W	W	W	WNW	WNW	WNW	NW	NW	NNW	N	NNE	N	N	NNW	N	ENE	ENE	E	ENE	NNE	N	N	N	NNE	348	NNW																	
Mar 4	N	NNE	NNE	N	NNE	NNE	N	N	N	N	N	N	N	N	NE	E	E	E	N	N	N	N	NNE	N	16	NNE																	
Mar 5	N	NW	NW	NNW	NNW	NNW	NW	NW	NNW	N	N	ENE	SSE	SSE	SE	ESE	ENE	NE	NNW	NW	NNW	N	N	N	353	N																	
Mar 6	N	N	N	N	N	N	N	N	N	N	NNE	NNE	ENE	E	ENE	ENE	E	SSW	ENE	NNE	N	NNW	NNW	N	18	NNE																	
Mar 7	N	NNW	N	N	NE	NE	NE	NE	NE	ENE	ENE	ENE	E	ENE	NE	NE	NNE	NNE	NNE	NNE	N	NNE	N	NNE	34	NE																	
Mar 8	N	N	N	N	N	N	N	N	NNE	NE	E	ENE	ENE	E	ENE	SE	SSE	SSE	NNW	NNW	N	NNE	E	ESE	39	NE																	
Mar 9	ESE	E	E	E	ENE	E	E	ENE	ENE	ENE	E	ENE	E	E	ESE	SSE	SSE	ESE	E	E	E	ENE	ENE	90	E																		
Mar 10	ENE	NE	NE	NNE	N	N	N	N	N	N	NNE	SSE	SSE	N	N	N	N	N	N	N	NNE	N	N	N	14	NNE																	
Mar 11	NNE	N	N	N	N	N	N	N	N	N	N	NNE	N	N	NNE	NNE	N	N	N	N	N	N	NNE	N	6	N																	
Mar 12	N	N	N	N	N	N	N	N	N	N	N	NNE	NE	E	ENE	NE	NNE	N	N	N	N	N	N	NNE	18	NNE																	
Mar 13	NNE	N	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NNE	N	N	N	30	NNE																	
Mar 14	NNW	NNW	NNW	NW	NW	NW	NW	WNW	NNW	SSE	SSW	S	S	SSW	SW	SSW	SSE	ENE	ENE	N	NNW	NNW	N	303	WNW																		
Mar 15	NE	NE	NE	NE	NE	N	NNE	NE	NE	NE	NE	NE	NE	NE	SW	SW	S	SW	SW	WSW	NW	NW	NW	NNW	14	NNE																	
Mar 16	NNW	NW	NW	NW	NNW	NNW	WNW	W	S	SSW	S	S	SSW	SW	SSW	SW	SSW	SW	SSW	SW	WSW	WSW	W	NW	250	WSW																	
Mar 17	SW	W	WNW	WNW	NW	WNW	WSW	SW	SSW	S	S	S	SE	SE	SE	SSE	SSW	SSW	WSW	WSW	W	WSW	W	WSW	228	SW																	
Mar 18	NNW	NNW	NW	WNW	W	W	WNW	WSW	S	S	S	S	S	S	SSE	S	SSW	W	NW	NW	NNW	NNW	NNW	NNW	262	W																	
Mar 19	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	WSW	S	S	S	SSW	SSW	SSW	SW	WSW	W	NW	NW	NNW	NNW	NNW	NNW	291	WNW																	
Mar 20	NNW	NNW	N	NNW	NNW	NNW	N	N	N	N	N	SE	SSE	SSE	SSE	N	NNW	N	NNE	NE	NE	NE	NE	5	N																		
Mar 21	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	E	SE	SE	SE	SE	SE	SE	SSE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	100	E																	
Mar 22	SSW	S	S	NNW	NW	NNW	NW	WNW	W	S	SSW	S	S	S	S	WSW	SW	WSW	WSW	W	WNW	NW	NNW	238	SW																		
Mar 23	NW	NW	NNW	NNE	N	NNW	NNW	N	NNW	N	N	NNE	NNE	N	NNE	ENE	NE	NNE	N	N	N	N	N	N	1	N																	
Mar 24	NNE	N	N	N	NNE	NE	NE	ENE	NE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	NE	NE	N	NNW	N	NNW	NW	33	NNE																	
Mar 25	NW	NW	NW	WNW	NW	NNW	N	NNE	N	N	N	NNE	NW	WSW	SSW	SSW	SSW	SSW	NNE	SW	SSW	W	NW	NNW	311	NW																	
Mar 26	N	NNW	NNW	N	N	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	N	N	N	NNW	3	N																	
Mar 27	N	NNW	WNW	NW	NW	NW	WNW	W	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	WSW	SSW	SW	SW	W	WNW	263	W																		
Mar 28	WNW	WNW	WNW	NW	ESE	SSW	WSW	WSW	SW	SSE	S	S	S	SSW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	233	SW																	
Mar 29	SW	W	NE	NE	NNW	N	N	N	NNE	NNE	NE	NE	NNE	N	NNE	N	N	N	N	N	N	N	NNE	NNE	7	N																	
Mar 30	NNE	ENE	NE	NE	NNE	NNE	NE	NE	ENE	E	ENE	E	E	ESE	ESE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	55	NE																	
Mar 31	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	SE	SE	SSE	SSE	SSW	NW	NW	S	S	NNE	ESE	NNE	E	87	E																	
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 - March 2023

Summary of Hourly Averages

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

WIND SPEED			
Maximum Hourly Value:	23.9 kph	on Mar 2 at hr 16	Hours in Service: 744
Maximum Daily Value:	16.5 kph	on Mar 2	Hours of Data: 744
Minimum Hourly Value:	0.3 kph	on Mar 1 at hr 0	Hours of Missing Data: 0
Minimum Daily Value:	3.7 kph	on Mar 17	Hours of Calibration: 0
Monthly Average:	7.2 kph		Operational Uptime: 100.0

WIND DIRECTION			
Monthly Average:	2 degree (N)		

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
Mar 1	0.3	0.7	1.0	2.2	4.9	7.0	5.3	3.2	0.8	2.4	3.9	5.7	8.7	8.2	10.9	12.0	11.7	9.2	10.4	12.5	15.3	13.8	9.5	9.9	0.3	15.3	7.1
Mar 2	NW	ESE	SE	SE	S	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	6.2	23.9	16.5
Mar 3	SSW	SW	SSW	SW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	WSW	WSW	WSW	W	WSW	WSW	WSW	W	W	3.2	16.0	8.0	
Mar 4	16.0	13.3	13.7	10.5	7.6	3.3	4.7	5.1	9.2	9.6	5.7	10.1	8.7	9.7	8.4	6.1	9.1	5.7	3.2	4.0	7.2	7.5	8.0	5.3	1.3	11.9	6.5
Mar 5	W	W	W	WNW	WNW	WNW	NW	NW	NNW	N	NNE	N	N	NNW	N	ENE	E	ENE	NNE	N	N	N	NNE	N	2.0	8.5	5.4
Mar 6	3.8	3.1	2.9	8.0	7.0	6.1	6.0	6.1	9.1	8.7	10.6	11.9	7.7	6.0	7.0	6.9	4.0	1.3	7.3	6.1	7.3	7.3	5.0	5.0	1.2	10.3	6.6
Mar 7	N	NNE	NNE	N	NNE	NNE	N	N	N	N	N	N	N	N	NE	E	E	E	N	N	N	N	NNE	N	4.6	12.0	7.7
Mar 8	4.5	4.0	5.0	5.6	5.2	5.6	7.6	8.0	7.4	5.2	5.9	7.8	2.0	6.3	4.5	4.2	3.5	4.3	3.7	3.4	5.6	4.4	6.9	8.5	1.3	9.6	6.1
Mar 9	N	NW	NW	NNW	NNW	NNW	NW	NW	NNW	N	N	ENE	SSE	SSE	SE	ESE	ENE	NE	NNW	NW	NNW	N	N	2.2	8.8	5.0	
Mar 10	9.5	9.1	8.5	8.6	8.5	9.4	8.2	9.0	10.3	9.5	9.3	8.3	5.2	4.5	5.9	4.8	3.0	3.7	1.2	2.0	5.2	5.5	4.9	5.0	1.3	15.2	8.9
Mar 11	N	N	N	N	N	N	N	N	N	N	N	NNE	ENE	E	ENE	ENE	E	ENE	NE	NNE	NNE	N	NNE	N	8.6	16.9	12.9
Mar 12	5.5	5.1	4.9	4.8	4.7	5.1	4.6	5.1	5.8	9.1	8.0	7.3	8.8	7.9	7.1	9.8	10.2	8.5	9.5	11.1	12.0	10.8	9.5	8.6	6.2	14.5	9.0
Mar 13	8.4	8.5	8.1	7.9	7.7	8.6	8.0	7.1	6.0	8.3	7.4	9.6	8.3	5.8	3.1	1.3	4.1	3.1	2.7	4.0	5.3	5.4	5.0	3.6	4.4	16.5	10.3
Mar 14	N	N	N	N	N	N	N	N	NNE	NE	E	ENE	ENE	E	ENE	SSE	SSE	NNW	NNW	NNE	NNE	E	ESE	ESE	0.9	8.4	5.1
Mar 15	3.8	5.4	5.5	5.0	3.5	2.8	3.3	2.2	4.3	7.5	8.8	8.6	7.3	7.1	3.1	2.3	6.1	6.0	3.0	5.0	4.2	5.2	4.9	5.0	2.6	7.4	5.6
Mar 16	ESE	E	E	E	ENE	E	ENE	ENE	ENE	E	ENE	E	E	E	ESE	SSE	SSE	ESE	E	E	E	NE	NE	NE	0.7	12.0	6.2
Mar 17	6.2	5.4	5.3	5.0	5.2	7.3	9.0	8.4	8.1	7.7	6.3	5.9	3.3	1.3	9.4	12.9	15.2	14.0	13.2	13.4	13.1	12.3	12.7	12.3	3.2	16.0	8.0
Mar 18	ENE	NE	NE	NNE	N	N	N	N	N	NNE	N	SSE	SSE	N	N	N	N	N	N	NNE	N	N	N	N	6.2	14.5	9.0
Mar 19	13.1	11.5	12.0	16.2	16.9	16.2	16.1	15.0	15.3	15.1	13.7	13.4	10.9	10.7	11.3	8.6	9.0	9.6	10.8	12.5	11.7	13.7	13.0	12.6	4.4	16.5	10.3
Mar 20	NNE	N	N	N	N	N	N	N	N	N	N	NNE	N	NNE	N	NNE	NNE	N	N	N	N	NNE	N	NNE	0.9	8.4	5.1
Mar 21	13.6	14.5	13.7	12.8	10.7	9.5	9.7	9.9	8.3	8.0	8.4	7.1	9.1	7.3	6.2	6.5	7.1	7.0	6.3	8.7	10.2	8.9	6.6	6.6	2.6	7.4	5.6
Mar 22	N	N	N	N	N	N	N	N	N	N	N	NNE	NE	ENE	E	ENE	NE	NNE	N	N	N	N	NNE	N	0.7	9.3	5.9
Mar 23	6.7	7.3	6.0	6.0	4.4	5.9	8.5	12.9	14.6	14.8	14.7	15.5	16.5	15.9	14.6	14.1	12.7	10.7	10.4	6.7	5.4	5.0	8.3	9.1	3.2	10.9	7.1
Mar 24	NNE	N	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	N	N	N	3.2	10.9	7.1
Mar 25	7.3	7.8	6.2	6.4	6.5	6.5	6.1	0.9	1.1	2.5	3.7	6.5	4.8	6.7	8.4	8.0	6.0	2.7	1.7	3.4	3.5	4.7	5.0	4.9	0.8	9.9	4.9
Mar 26	NNW	NNW	NNW	NW	NW	NW	NNW	NNW	SSE	SSW	S	S	S	SSW	SSW	SSW	SSE	ENE	N	NNW	NNW	N	N	0.8	9.9	4.9	
Mar 27	7.0	5.9	6.6	7.4	5.7	6.6	5.8	6.5	7.1	7.0	5.6	6.6	5.7	3.4	5.5	2.8	2.6	4.0	4.8	5.4	4.0	5.1	6.5	6.7	4.4	16.3	9.8
Mar 28	NE	NE	NE	NE	NE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	SW	SW	SW	SW	SW	SW	SW	NW	NW	NNW	0.7	12.0	6.2
Mar 29	7.5	7.2	6.2	5.5	4.2	2.9	2.1	2.1	0.7	3.3	4.9	7.6	11.6	12.0	10.6	10.7	10.4	7.9	8.6	5.4	4.3	3.5	3.8	4.8	3.2	10.9	7.1
Mar 30	NNW	NW	NW	NW	NNW	NNW	NNW	W	S	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.3	7.7	3.7
Mar 31	1.3	2.9	2.5	2.9	4.7	3.0	3.6	4.9	3.2	4.9	2.9	3.0	2.2	2.2	1.8	2.1	4.4	5.5	4.3	3.4	4.2	6.4	5.4	7.7	0.6	6.2	3.9
Mar 1	SW	W	WNW	WNW	NW	WNW	WSW	SW	SSW	S	S	SE	SE	SE	SE	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.6	6.2	3.9
Mar 2	5.1	4.6	2.4	4.0	2.9	5.0	3.1	4.2	2.4	3.4	4.5	5.0	4.3	6.2	5.0	2.9	4.2	0.6	3.2	3.2	3.9	4.3	4.3	0.7	9.3	5.9	
Mar 3	NNW	NNW	NW	NNW	W	W	WNW	WSW	S	S	S	S	SSE	S	SSE	S	S	SSE	S	SSW	SSW	SSW	SSW	SSW	0.7	9.3	5.9
Mar 4	4.5	5.1	6.0	6.6	7.7	8.4	7.5	4.5	2.5	0.7	4.8	6.1	5.6	6.7	6.8	5.5	4.9	3.6	4.4	6.3	8.9	9.3	8.8	7.1	3.2	10.9	7.1
Mar 5	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	WSW	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	4.4	16.3	9.8
Mar 6	3.5	5.3	4.8	3.3	4.9	6.9	8.9	10.5	10.7	10.6	10.9	9.9	4.5	5.5	4.9	4.5	3.2	10.1	9.3	9.9	9.2	6.7	7.7	5.8	4.3	20.4	10.9
Mar 7	NNW	NNW	N	NNW	NNW	NNW	N	N	N	N	N	N	SE	SSE	SSE	SSE	N	NNW	N	NNE	NE	NE	NE	NE	4.3	20.4	10.9
Mar 8	4.7	5.0	4.9	5.0	4.9	4.7	5.0	4.0	5.8	4.2	4.0	3.2	6.3	11.3	11.5	9.1	8.6	6.1	2.5	2.3	1.3	6.1	6.1	7.5	1.2	14.6	7.9
Mar 9	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	E	E	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSW	SSW	SSW	SSW	1.2	14.6	7.9
Mar 10	8.6	5.7	2.6	2.0	3.3	3.8	5.1	3.4	0.5	3.3	3.4	8.2	5.8	4.0	5.1	4.7	8.5	7.2	7.5	7.3	9.0	7.3	8.4	7.1	0.5	9.0	5.5
Mar 11	SSW	S	S	NNW	NW	NNW	NNW	NNW	W	S	S	SSW	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	0.5	9.0	5.5
Mar 12	6.1	7.3	3.5	3.6	1.3	1.2	4.7	6.6	6.0	7.4	8.9	8.9	7.3	9.7	10.3	10.5	10.0	9.2	9.0	6.2	9.7	10.3	12.8	10.0	1.2	12.8	7.5
Mar 13	NW	NW	NNW	NNE	N	NNW	NNW	N	NNW	N	N	NNE	NNE	N	NNE	ENE	ENE	ENE	ENE	NE	NNE	N	N	N	1.3	8.0	5.3
Mar 14	8.0	7.3	7.1	6.1	5.3	6.3	4.3	6.1	6.9	6.5	7.0	6.1	5.3	5.1	6.4	5.1	6.2	5.1	4.5	2.4	3.7	1.3	2.9	2.7	1.3	8.0	5.3
Mar 15	NNE	N	N	NNE	NE	ENE	NE	ENE	NE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	NE	NE	N	NNW	N	NNW	NW	0.8	9.9	4.9
Mar 16	3.6	5.8	6.1	3.7	9.9	7.6	4.6	3.2	5.0	6.6	6.9	2.4	4.1	5.6	7.9	8.4	7.5	3.1	2.2	2.3	0.8	1.9	3.3	5.9	0.8	9.9	4.9
Mar 17	NW	NW	NW	WNW	NW	NNW	N	NNE	N	N	NNE	NW	WSW	SSW	SSW	SSW	SSW	SSW	NNE	SSW	SSW	SSW	SSW	SSW	4.4	16.3	9.8
Mar 18	7.2	5.6	5.9	6.5	4.4	7.6	5.4	9.4	13.1	13.0	15.4	16.3	15.1	13.1	16.3	14.1	13.4	11.6	8.6	8.2	6.4	6.5	6.3	5.1	4.4	16.3	9.8
Mar 19	N	NNW	NNW	N	N	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	N	N	N	NNW	4.3	20.4	10.9
Mar 20	6.8	5.0	5.4	6.2	6.4	4.3	4.4	8.0	11.3	12.4	13.4	16.1	15.2	15.2	16.1	20.2	20.4	14.8	11.8	8.3	9.3	7.8	9.7	12.2	4.3	20.4	10.9
Mar 21	N	NNW	NNW	NW	NW	NNW	W	WSW	WSW	WSW	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	4.3	20.4	10.9
Mar 22	10.5	10.1	9.4	1.4	1.2	3.2	3.8	2.9	2.3	4.6	8.3	11.7	13.3	13.9	14.6	13.5	13.7	12.0	10.2	6.3	5.8	6.9	5.9	4.6	1.2	14.6	7.9
Mar 23	WNW	WNW	WNW	NW	ESE	SSW	SSW	SSW	SSW	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	1.2	14.6	7.9
Mar 24	2.6	3.0	1.1	3.5	4.4	10.1																					

END OF REPORT

This page, 145 of 145, ends the March 2023 Monthly Ambient Air Quality Monitoring Report.



Peace River Area Monitoring Program

MARCH 2023

Ambient Air Monitoring Calibration Report

- PEACE RIVER COMPLEX (PRC) STATION-

CAL-PRAMP-202303-01698

Operation and Maintenance:

Bureau Veritas Canada

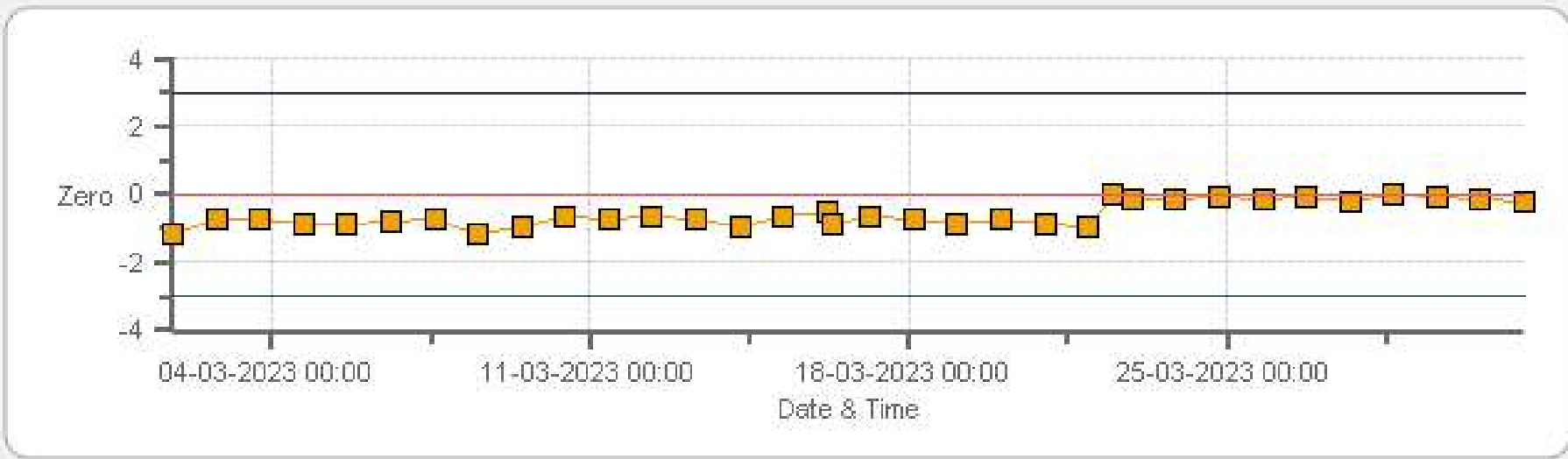
Data Validation and Report:

Bureau Veritas Canada

April 14, 2023

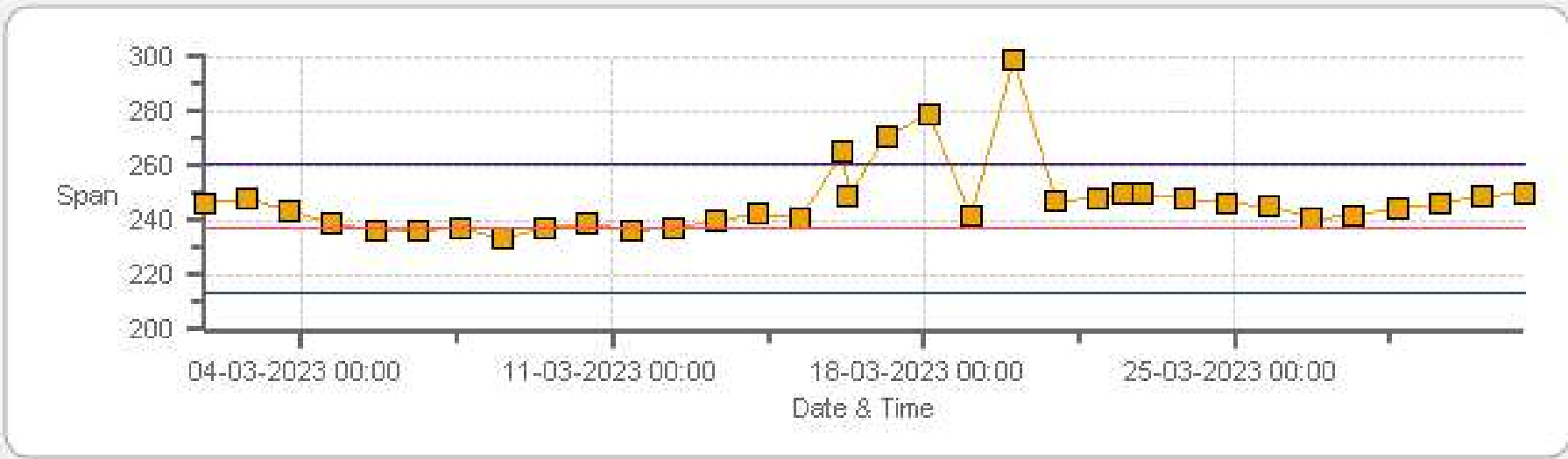
DAILY INTERNAL ZERO-SPAN CALIBRATION RECORDS

SO2[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



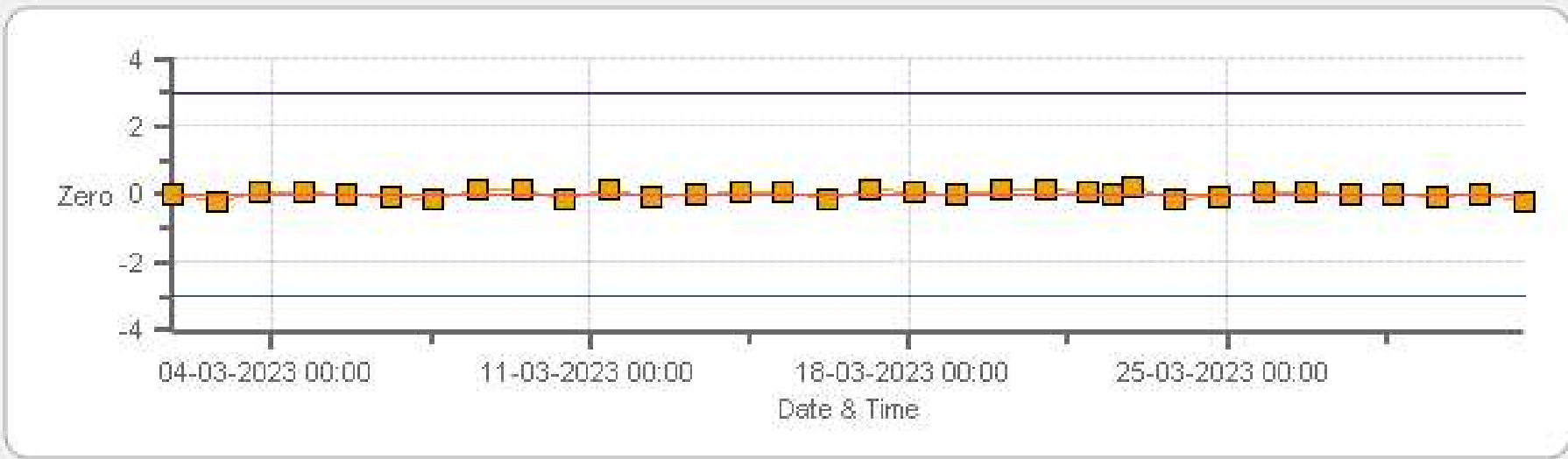
Zero Zero Ref Zero Low Zero High

SO2[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



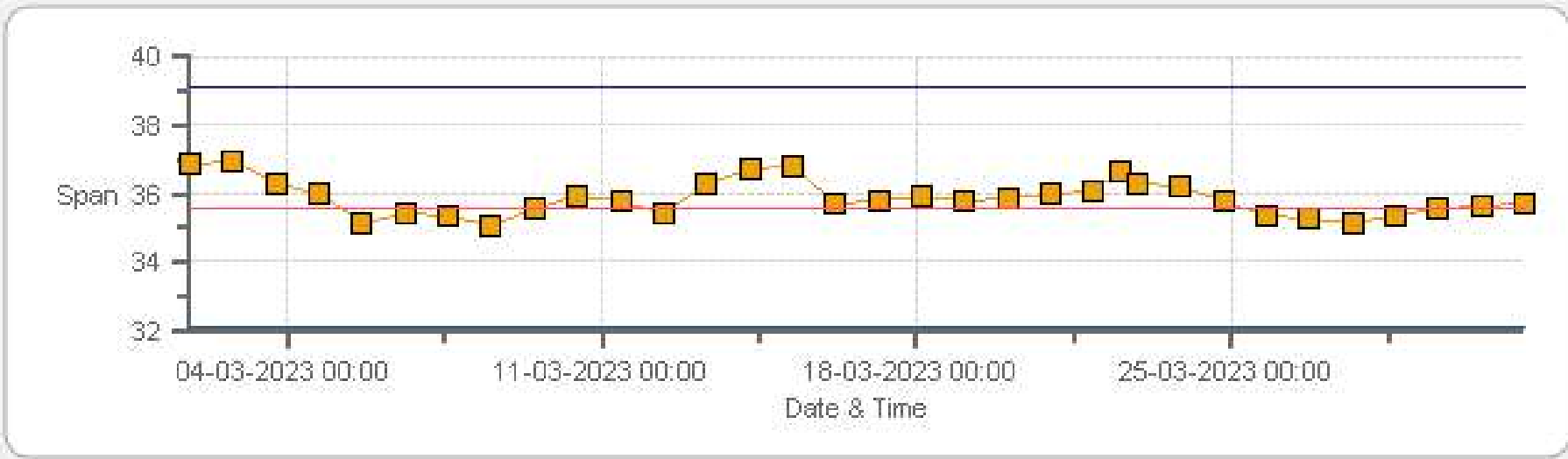
Span SpanRef Span Low Span High

H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



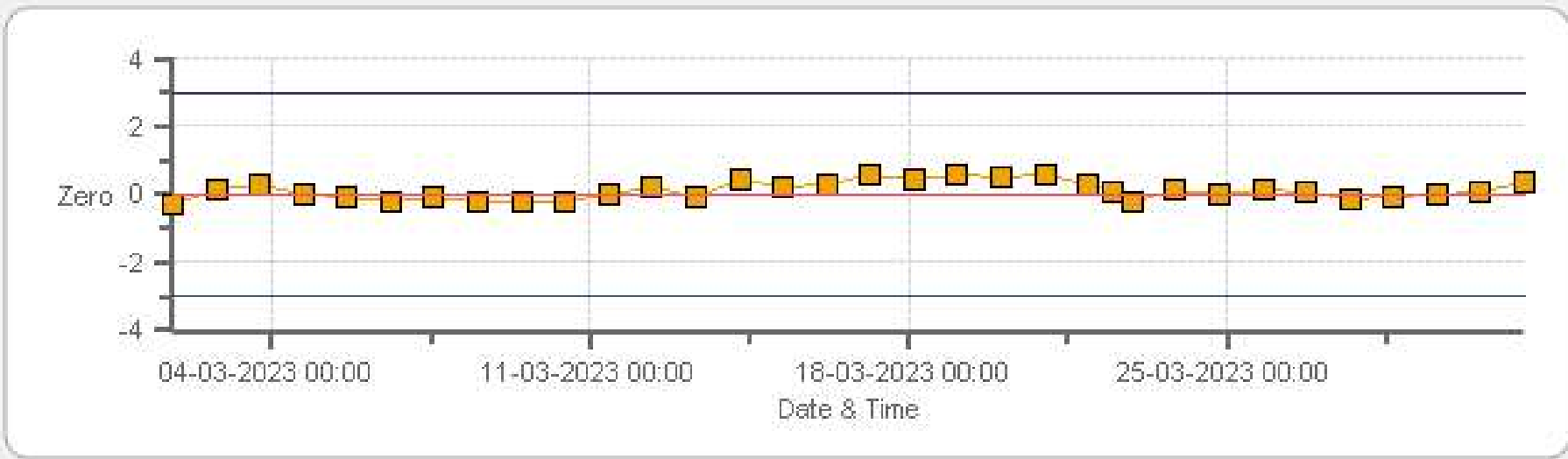
Zero Zero Ref Zero Low Zero High

H2S[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



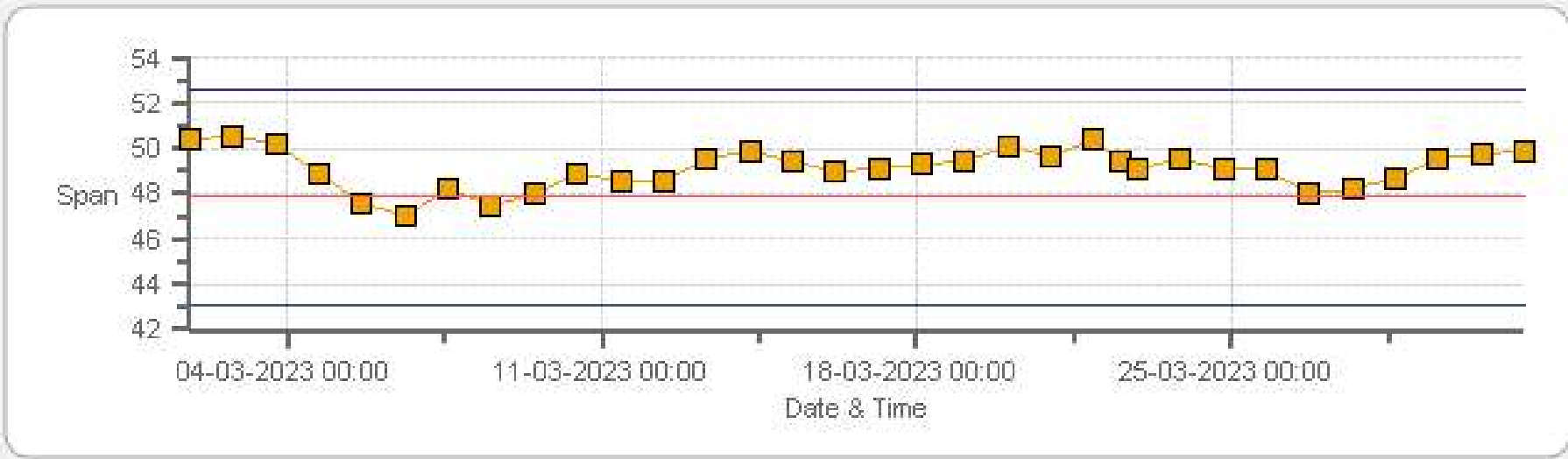
Span SpanRef Span Low Span High

TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



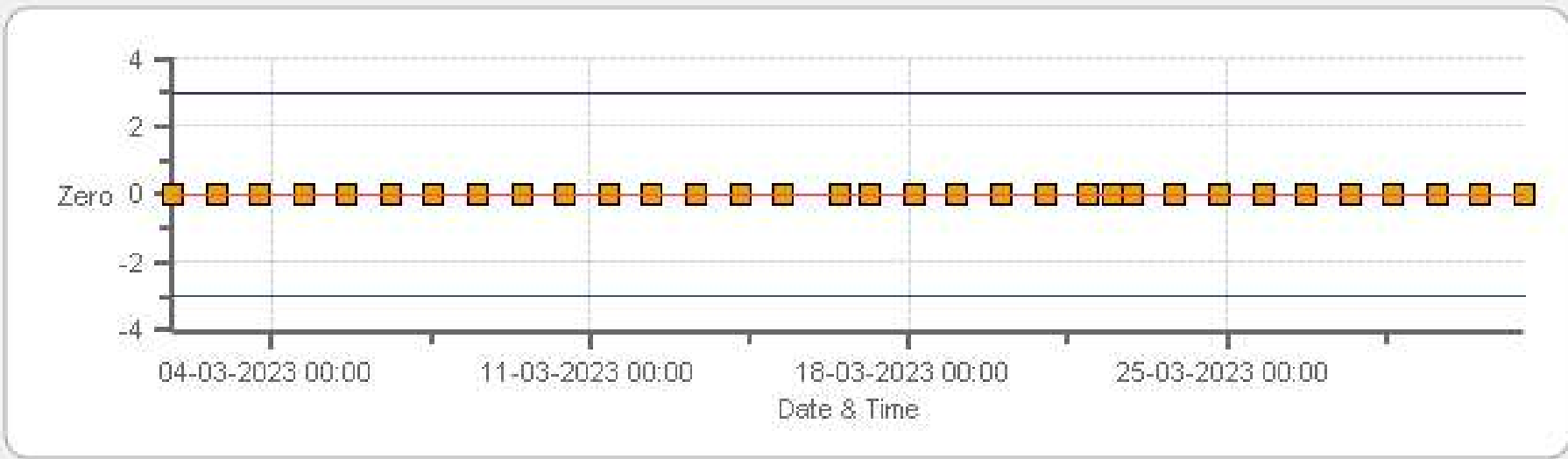
Zero Zero Ref Zero Low Zero High

TRS[ppb] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



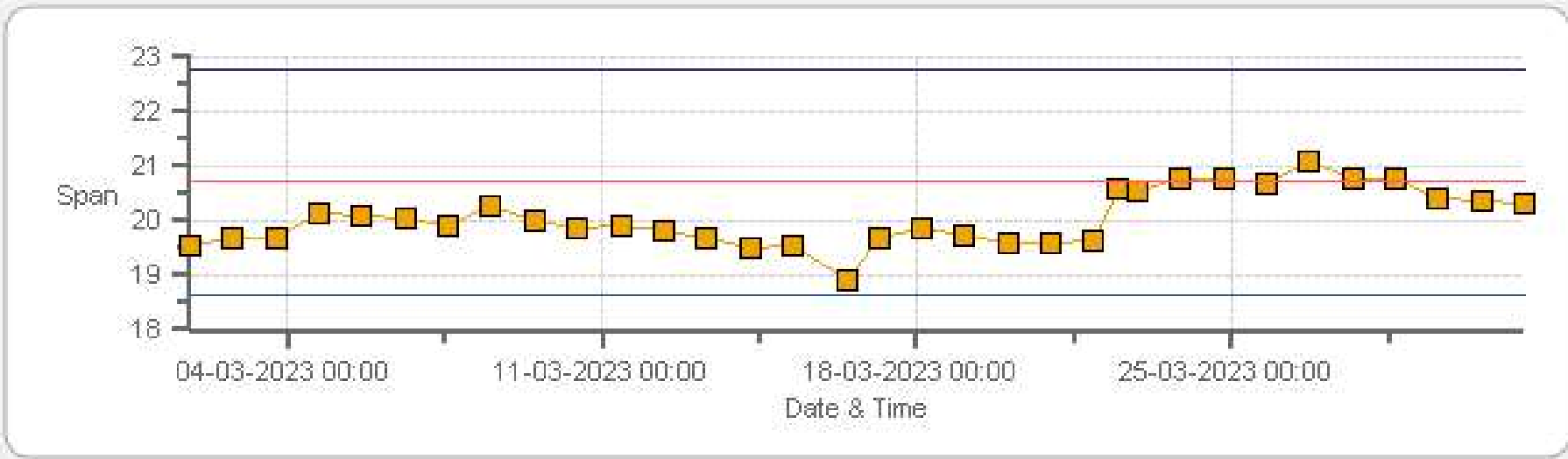
Span SpanRef Span Low Span High

THC55(ppm) Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



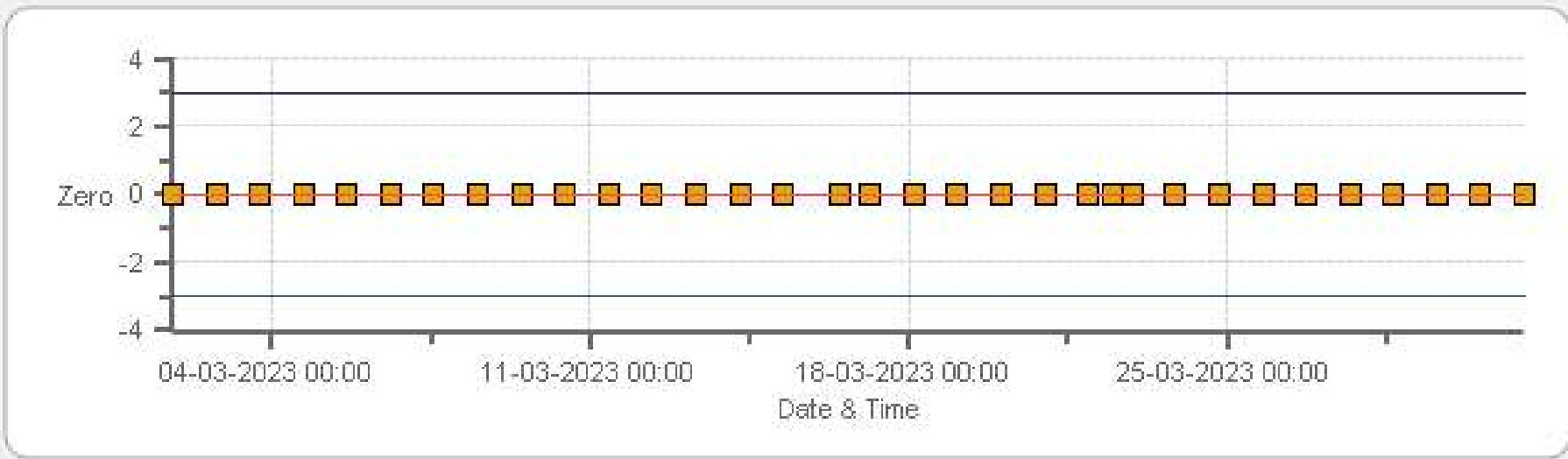
Zero Zero Ref Zero Low Zero High

THC55(ppm) Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



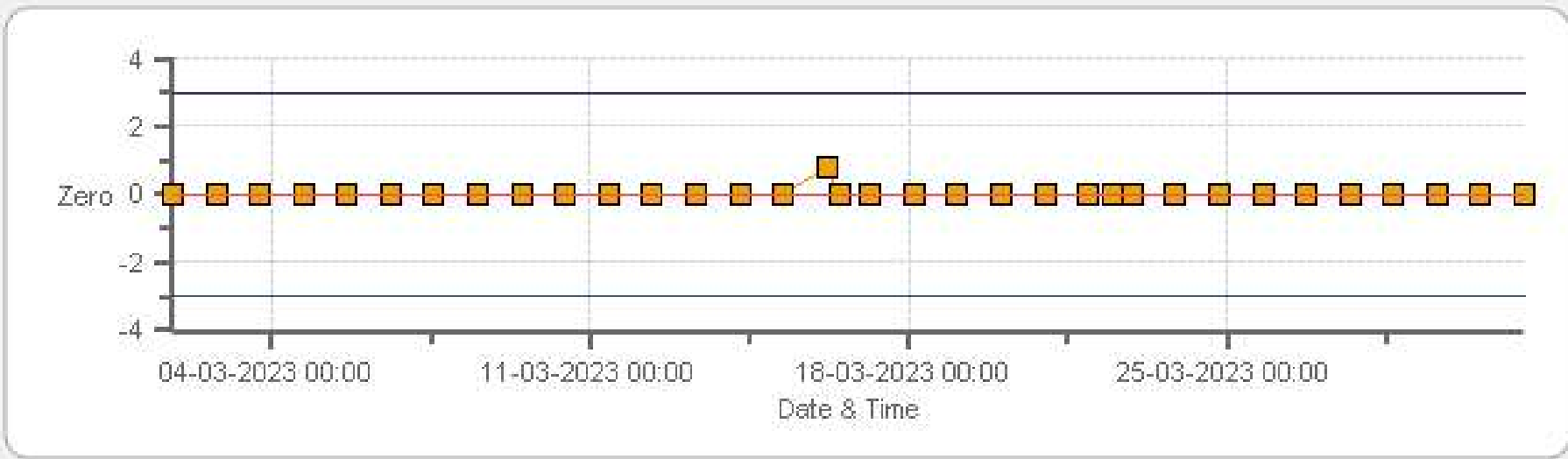
Zero Zero Ref Zero Low Zero High

CH4[ppm] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



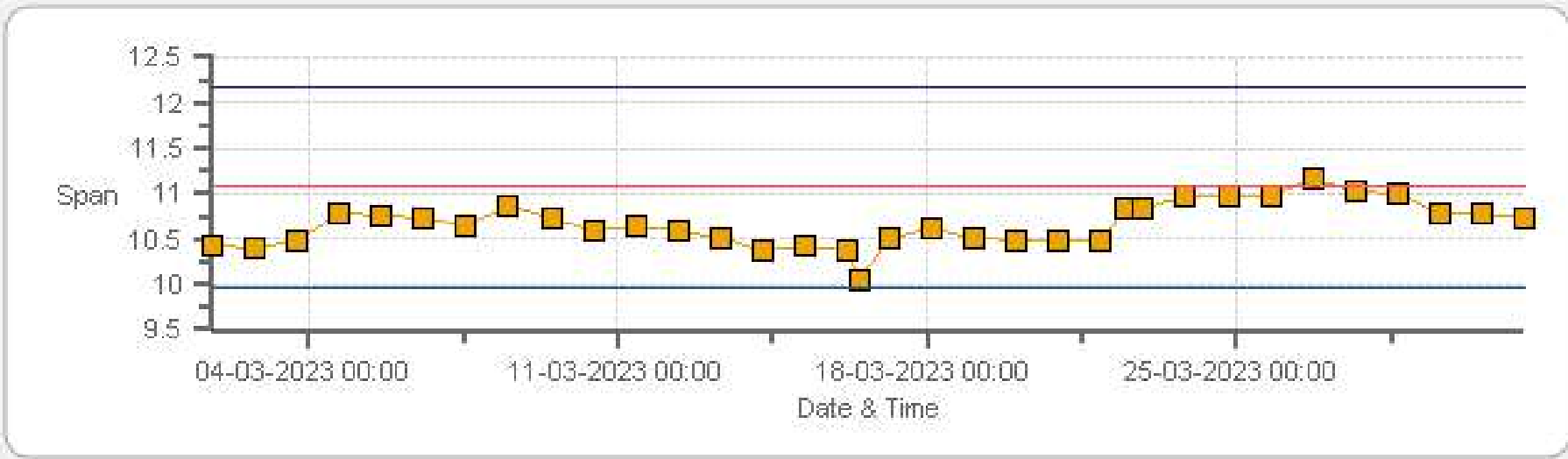
Span SpanRef Span Low Span High

NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Zero



Zero Zero Ref Zero Low Zero High

NMHC[ppm] Calibration: Peace River Complex [PRC] Monthly: 03-2023 Type: SpanAndZero - Span



Span SpanRef Span Low Span High

MULTI-POINT CALIBRATION RECORDS

SO2 Analyzer Calibration by Dilution



DATE:	22-Mar-2023	PREVIOUS CALIBRATION DATE:	01-Feb-2023
PARAMETER:	SO2	PREVIOUS CORRECTION FACTOR:	1.003
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	932
PURPOSE:	Routine	START TIME (MST):	07:32
PERFORMED BY:	Chris Wesson	END TIME (MST):	12:08

ANALYZER:

MAKE/MODEL	Thermo 43i	RANGE	500 ppb
SERIAL #	1034746225	FLOW (mL/min)	441
INITIAL		FINAL	
BKG/OFFSET	19.8	BKG/OFFSET	19.6
COEF/SLOPE	1.103	COEF/SLOPE	1.114
Expected (reference) Value	237.2	Expected (reference) Value	237.2

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	M701
ID:	75401122	ID:	4568
MFC CALIBRATION DATE:	13-Mar-2023	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0001923	HIGH ID	n/a
CONC (ppm):	25.10	EXPIRY DATE	n/a
CYLINDER (psi):	1800	LOW ID	n/a
EXPIRY DATE	02-Nov-2025	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:

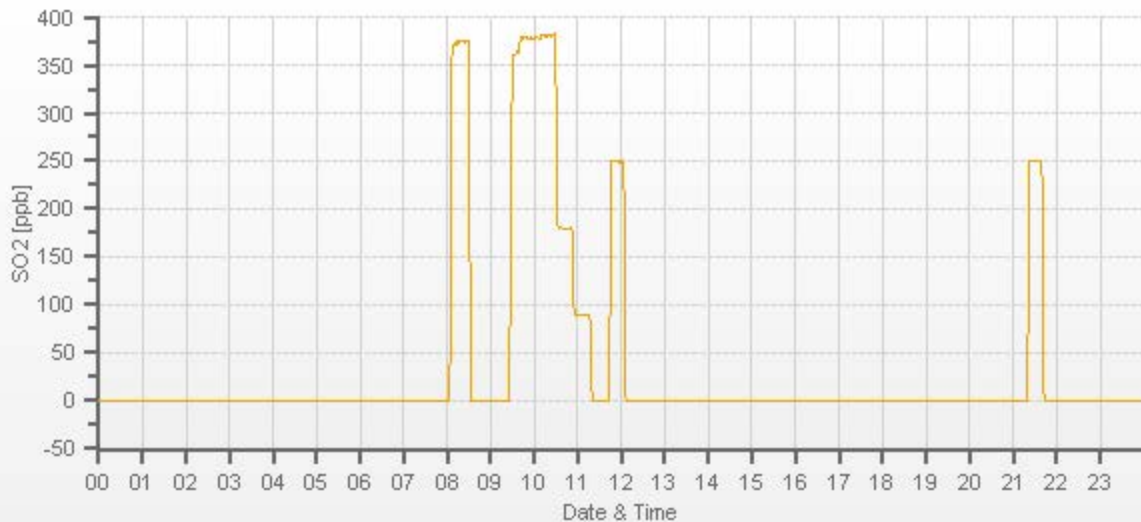
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
DILUENT	GAS	TOTAL	ACTUAL	INDICATED		Initial	Final
				Initial	Final		
4000	60.60	4000	0.00	-0.5	0	1.015	0.999
3939	60.60	4000	380.27	374.3	380.5	1.015	0.999
3971	28.70	4000	180.09	n/a	179.7	n/a	1.002
3986	14.30	4000	89.73	n/a	89.5	n/a	1.003

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.001	0.0%

COMMENTS:

Sample filter changed.



H2S Analyzer Calibration by Dilution



DATE:	22-Mar-2023	PREVIOUS CALIBRATION DATE:	01-Feb-2023
PARAMETER:	H2S	PREVIOUS CORRECTION FACTOR:	0.998
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	932
PURPOSE:	Routine	START TIME (MST):	07:32
PERFORMED BY:	Chris Wesson	END TIME (MST):	12:08

ANALYZER:

MAKE/MODEL	Thermo 450i	RANGE	100 ppb
SERIAL #	1308857354	FLOW (mL/min)	955
INITIAL		FINAL	
BKG/OFFSET	13.7	BKG/OFFSET	14
COEF/SLOPE	0.994	COEF/SLOPE	0.995
Expected (reference) Value	35.6	Expected (reference) Value	35.6

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	M701
ID:	75401122	ID:	4568
MFC CALIBRATION DATE:	13-Mar-2023	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002519	HIGH ID	n/a
CONC (ppm):	9.41	EXPIRY DATE	n/a
CYLINDER (psi):	1600	LOW ID	n/a
EXPIRY DATE	10-Nov-2023	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:

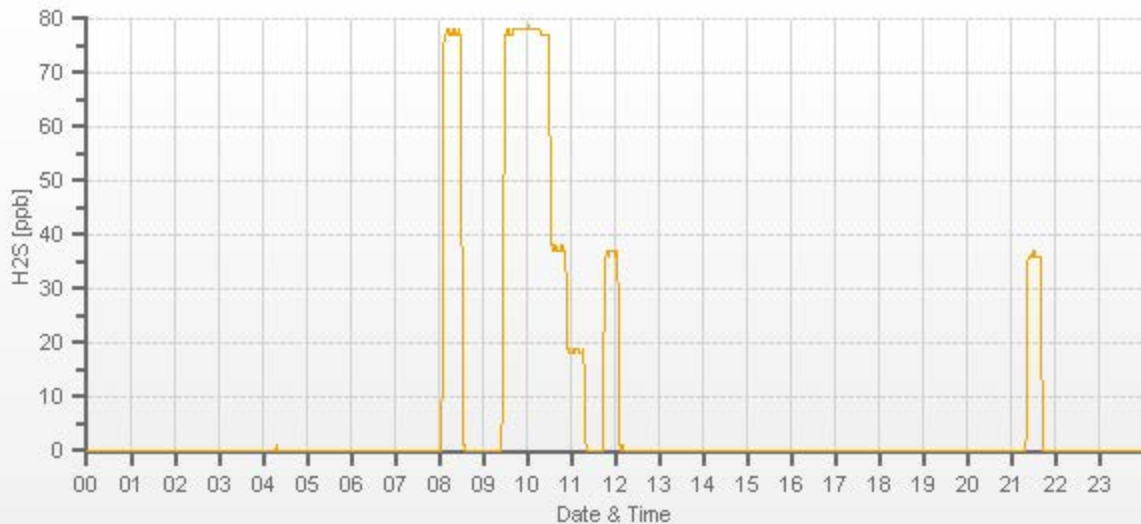
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
DILUENT	GAS	TOTAL	ACTUAL	INDICATED		Initial	Final
				Initial	Final		
4000	33.20	4000	0.00	0	0	1.009	1.009
3967	33.20	4000	78.10	77.4	77.4	1.009	1.009
3984	16.20	4000	38.11	n/a	37.3	n/a	1.022
3992	8.10	4000	19.06	n/a	18.3	n/a	1.041

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	0.993	-0.3%

COMMENTS:

Sample filter changed



TRS Analyzer Calibration by Dilution



DATE:	22-Mar-2023	PREVIOUS CALIBRATION DATE:	01-Feb-2023
PARAMETER:	TRS	PREVIOUS CORRECTION FACTOR:	0.997
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	932
PURPOSE:	Routine	START TIME (MST):	07:32
PERFORMED BY:	Chris Wesson	END TIME (MST):	12:07

ANALYZER:

MAKE/MODEL	Thermo 450i	RANGE	100 ppb
SERIAL #	1034746224	FLOW (mL/min)	725
INITIAL		FINAL	
BKG/OFFSET	24.4	BKG/OFFSET	25.3
COEF/SLOPE	1.03	COEF/SLOPE	1.025
Expected (reference) Value	47.84	Expected (reference) Value	47.84

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:	
MAKE:	Sabio	MAKE:	Teledyne
MODEL:	2010	MODEL:	M701
ID:	75401122	ID:	4568
MFC CALIBRATION DATE:	13-Mar-2023	OXIDIZER ID:	n/a
CALIBRATION GAS:		FLOWMETERS (if applicable):	
CYLINDER ID:	EY0002519	HIGH ID	n/a
CONC (ppm):	9.41	EXPIRY DATE	n/a
CYLINDER (psi):	1600	LOW ID	n/a
EXPIRY DATE	10-Nov-2023	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:

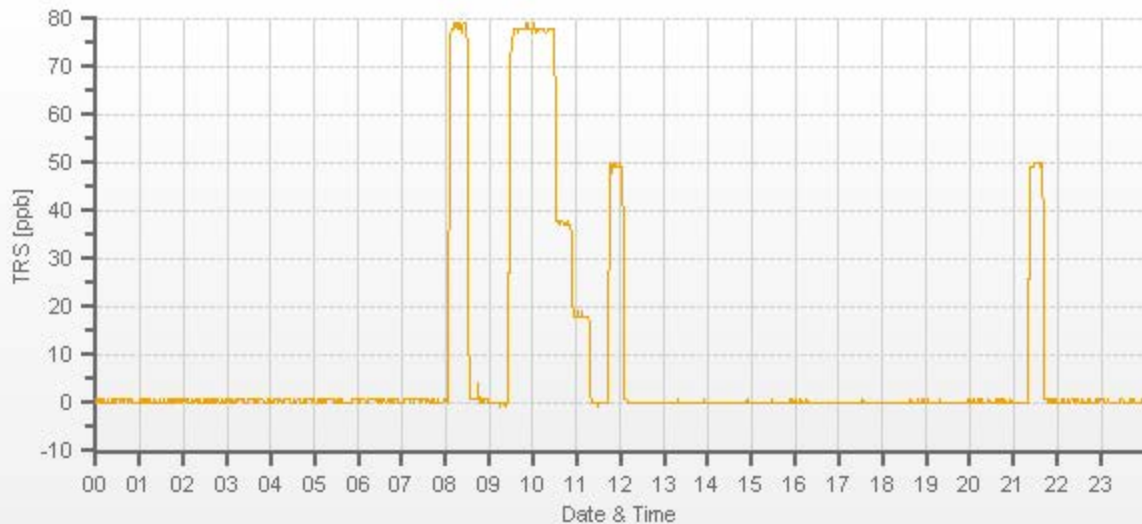
FLOW RATES (mL/min)			CONCENTRATION (ppb)			CORRECTION FACTOR	
DILUENT	GAS	TOTAL	ACTUAL	INDICATED		Initial	Final
				Initial	Final		
4000	33.20	4000	0.00	0.7	0	1.008	1.003
3967	33.20	4000	78.10	78.17	77.84	1.008	1.003
3984	16.20	4000	38.11	n/a	37.67	n/a	1.012
3992	8.10	4000	19.06	n/a	18.2	n/a	1.047

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT
VALUE	1.000	1.000	-0.4%

COMMENTS:

TRS Converter CDNOVA CDN-101 #506. 08:45-08:47 User error adjusted zero restart
--



Methane/Non-Methane Analyzer Calibration by Dilution



CALIBRATION:				ANALYZER:			
DATE:	22-Mar-2023	PREVIOUS CALIBRATION DATE:	01-Feb-2023	VALUE	MAKE/MODEL	SERIAL	FLOW (mL/min)
CLIENT:	PRAMP	TEMPERATURE (°C):	22.2		Thermo 55i	1022143392	1053
LOCATION:	Peace River Compliance	BAROMETRIC (mBar):	932	PARAMETER:	CH4	NMHC	THC
PURPOSE:	Routine	START TIME (MST):	07:33	RANGE (ppm):	20	20	40
PERFORMED BY:	Chris Wesson	END TIME (MST):	11:49	PREVIOUS CF:	1.002	0.999	1.000

CALIBRATION SYSTEM:

CALIBRATOR:		ZERO AIR:		CALIBRATION GAS:		FLOWMETERS (if applicable):	
MAKE:	Sabio	MAKE:	Teledyne	CYLINDER ID:	LL28583	HIGH ID:	n/a
MODEL:	2010	MODEL:	M701	CH ₄ /C ₃ H ₈ (ppm):	608.0 203.0	HIGH EXPIRY:	n/a
ID:	26701218	ID:	916	CYLINDER (psi):	600	LOW ID:	n/a
MFC CALIBRATION DATE:	13-Mar-2023	OXIDIZER ID:	Internal	EXPIRY DATE	22-Dec-2028	LOW EXPIRY:	n/a

CALIBRATION PARAMETERS:

POINT (CH ₄ /NMHC)	HIGH	MID	LOW	CH ₄ EQUIVILANCE	
TARGET	14	7	3.5	C ₃ H ₈ as CH ₄	558.3
RANGE	12 - 16	6 - 8	2 - 4	THC as CH ₄	1166.3

EXPECTED (REFERENCE) VALUE:

INITIAL	CH ₄	NMHC	THC	FINAL	CH ₄	NMHC	THC
	9.65	11.07	20.72		9.65	11.07	20.72

CALIBRATION:

FLOW RATE			CONCENTRATION (PPM)									CORRECTION FACTOR (CF.)					
(mL/min)			CALCULATED			INITIAL INDICATED			FINAL INDICATED			INITIAL			FINAL		
DILUENT	GAS	TOTAL	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC	CH ₄	NMHC	THC
3100	X	3100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	X	X	X	X	X	X
3026	74.50	3100	14.61	13.42	28.03	14.02	12.86	26.66	14.58	13.38	27.96	1.042	1.043	1.051	1.002	1.003	1.002
3063	37.30	3100	7.32	6.72	14.03	n/a	n/a	n/a	7.30	6.67	13.97	n/a	n/a	n/a	1.002	1.007	1.004
3081	18.60	3100	3.65	3.35	7.00	n/a	n/a	n/a	3.67	3.35	7.01	n/a	n/a	n/a	0.994	1.000	0.998

LINEAR REGRESSION ANALYSIS:

	CORRELATION	SLOPE	INTERCEPT	Comments:	
CH ₄	1.000	0.997	0.1%	Sample filter changed N2 and N2 regulator changed	
NMHC	1.000	0.997	0.0%		
THC	1.000	0.997	0.0%		
				Use Zero Chrom?	No



CAL-PRAMP-202303-01698

Page 17 of 19
CH4 [ppm] NMHC [ppm]

Meteorological System Checklist



Date:	March 22, 2023		
Technician:	Chris Wesson		
Station:	Peace River Compliance		
Unit:	Make:	Model:	Serial #:
Precipitation Sampler:	RM Young	52202	TB 16325
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:	February 1, 2023		
Parameter:	Temperature @ 2 metres		
Reference Thermometer ID:	FS #160459244 expires June 14, 2023		
Reference Temperature (°C):	2.4		
Station - Ambient Temperature (°C):	2.1		
Temperature Difference (°C):	0.3		
BAROMETRIC PRESSURE SENSOR CHECK			
Previous check date:	February 1, 2023		
Reference Barometer ID:	DeltaCal DC1 #206578 expires Sept 20, 2023		
Reference Pressure - Units/Reading:	millibar	931	
Station Pressure - Units/Reading:	millibar	932	
Pressure Tolerance +/- 15% of error:	791 - 1071	-0.11%	
RELATIVE HUMIDITY (HYGROMETER) SENSOR CHECK			
Previous check date:	February 1, 2023		
Reference Hygrometer ID:	FS #160459244 expires June 14, 2023		
Reference Hygrometer % RH- Reading:	40.48		
Station Hygrometer % RH- Reading:	42.60		
RH Tolerance +/- 15% of difference:	34.41 - 46.55	-5.2%	
ANEMOMETER - WIND SPEED & WIND DIRECTION SENSOR CHECK			
WIND SPEED		WIND DIRECTION	
Previous check date:	February 1, 2023	Previous check date:	February 1, 2023
Wind Speed Observed (kph):	0~5	Wind Direction Observed:	S
Wind speed on Data Logger (kph):	2.3	Wind Direction on Data Logger:	S
		Wind Direction Pass/Fail?:	Pass
Comments			
No issues.			



Meteorological Sensor Audit/Calibration

Location Information

Company:	PRAMP	Performed By:	Ferdinand Roy
Audit Location:	Peace River Compliance	Reviewed By:	Chris Wesson
Audit Date:	August 17, 2022	Start/End Time (mst):	8:15/9:20
Calibration Purpose:	routine annual	Weather Conditions:	Mainly clear

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:	June 16, 2021	Direction Unit Output Range:	0-360

Wind Calibrator Information

Calibrator I.D. and Expiry Date: RM Young 18802 id# CA03309 expires June 7, 2023

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	18.5	18.5	0.996
2000	36.9	36.9	37.0	0.998
3000	55.3	55.4	55.4	0.998
4000	73.7	73.9	73.9	0.998
5000	92.2	92.4	92.4	0.997
6000	110.6	110.9	110.9	0.997
7000	129.0	129.5	129.5	0.996
8000	147.4	148.0	148.0	0.996
9000	165.9	166.6	166.6	0.996
10000	184.3	185.1	185.2	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	29	329	1.0	1.0	1.0
60	300	59	300	1.0	0.0	0.5
90	270	89	271	1.0	-1.0	1.0
120	240	119	241	1.0	-1.0	1.0
150	210	151	212	-1.0	-2.0	1.5
180	180	181	181	-1.0	-1.0	1.0
210	150	211	151	-1.0	-1.0	1.0
240	120	241	120	-1.0	0.0	0.5
270	90	271	89	-1.0	1.0	1.0
300	60	300	59	0.0	1.0	0.5
330	30	329	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:

Physical inspection completed - no issues.



Peace River Area Monitoring Program

MARCH 2023

Monthly Ambient Air Quality Monitoring Integrated Sampling Report

PRAMP-202303-INTEGRATED

April 18, 2023

Pages may be left blank for double-sided printing

Table of Contents

NETWORK STATION SUMMARY	5
Listing of Integrated Sampling Stations	5
Listing of Passive Sampling Sites	5
List of Contractors who performed the air monitoring activities	5
Monitoring Notes during the Month of March 2023.....	6
Revisions to Alberta’s Ambient Air Quality Data Warehouse.....	6
Deviations from Authorized Monitoring Methods	6
Certification.....	7
INTEGRATED SAMPLING RESULTS SUMMARY	8
ANALYTICAL SAMPLING RESULTS	9
Passives	10
End of Report	12



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

April 18, 2023

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

RE: PRAMP –March 2023 Monthly Ambient Air Quality Monitoring Integrated Sampling Report

Enclosed is the March 2023 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: prampotech@prampairshed.ca

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

NETWORK STATION SUMMARY

Listing of Integrated Sampling Stations

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

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

Listing of Passives: 1-Month Exposure Sampling Sites

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

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	AEP	AEP
Passives: H ₂ S, SO ₂	PRAMP	Bureau Veritas	PRAMP	PRAMP

Monitoring Notes during the Month of March 2023

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

- **Passive Polycyclic Aromatic Compounds (PACs) Sampling Program**
 - The PAC sampling program began in December 2019, and is designed to collect a 2-month integrated sample.
 - The sample media for sampling period of January - February were installed on February 10. The sample was removed on February 28. The sample media for sampling period of March - April were installed during the time the January/February sample media were removed.

- **Passives H₂S, SO₂ Sampling Program**
 - The passive sample filters were installed at the stations on February 1 and were removed on March 1.

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

April 18, 2023

INTEGRATED SAMPLING RESULTS SUMMARY

- **NMHC analytical results**

No canister events were recorded this month.

- **Passive analytical results**

	H ₂ S		SO ₂	
Minimum (ppb)	0.07	#1	0.3	#1
Maximum (ppb)	0.14	#9	0.4	#2
Average (ppb)	0.10		0.33	

ANALYTICAL SAMPLING RESULTS

Passives

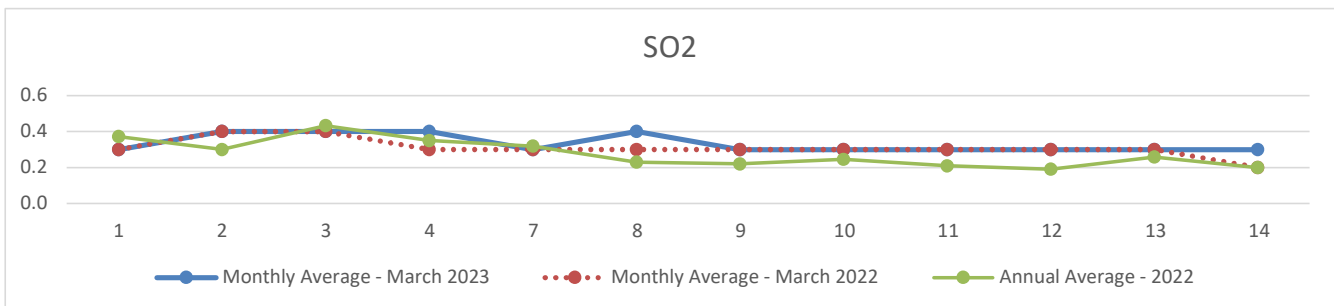
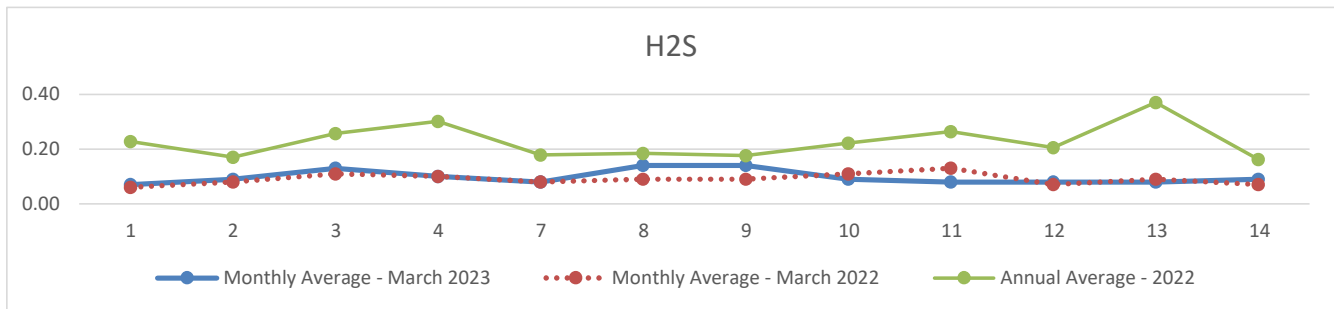


PEACE RIVER AREA MONITORING PROGRAM

PRC Site - March 2023

Passive Results

	H ₂ S		SO ₂	
Minimum (ppb)	0.07	#1	0.3	#1
Maximum (ppb)	0.14	#9	0.4	#2
Average (ppb)	0.10	-	0.33	-
No.	Calculated Value		Calculated Value	
1	0.07		0.3	
2	0.09		0.4	
3	0.13		0.4	
4	0.10		0.4	
7	0.08		0.3	
8	0.14		0.4	
9	0.14		0.3	
10	0.09		0.3	
11	0.08		0.3	
12	0.08		0.3	
13	0.08		0.3	
14	0.09		0.3	
Reportable Detection Limit (RDL)	0.02		0.1	



End of Report



Peace River Area Monitoring Program

MARCH 2023

Ambient Air Monitoring

Certified Laboratory Analysis Report

LAB-PRAMP-202303

Operation and Maintenance:

Bureau Veritas Canada

Data Validation and Report:

Peace River Area Monitoring Program

April 14, 2023

Table of Contents

Passive Sampling Analytical Results.....	3
End of Report	10

Passive Sampling Analytical Results



6744 - 50 St. Edmonton AB Canada T6B 3M9

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

Bureau Veritas Job Number:

PASSIVE AIR CHAIN OF CUSTODY

Page ___ of ___

Invoice To

Company Name _____

Contact Name _____

Address _____

City/Postal Code _____

Phone/Fax# _____

Report To

Name & Email Address _____

Service Requested

RUSH
(Please contact for TAT)

REGULAR

Company Name

Peace River

Project Name/LSD

Peace River

ANALYTICAL INFORMATION

Analysis Required

Sample ID or Location (LSD)	Sample Start Date (DD/MM/YY)	Time (24 hrs) (HH:MM)	Sample End Date (DD/MM/YY)	Time (HH:MM)	Volume (m3) PM/TSP Only	Analysis Required																							
						SO2	H2S	NO2	O3	NH3	PM2.5	PM10	TSP	Dustfall															
1	01/03/23	8:00	31.03.2023	8:00 Am		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																						
Blank											X	X																	
Blank											X	X																	

Notes/Comments: Client 12521 / Scenario 18009

Sampled By Bo Guerin Phone/Email 618/880 Received By Bo G Date/Time 01/03/23 Project # NB 007150

Date Shipped _____ Signature [Signature] PO# 23-04-04

14502 14 H2S



Your Project #: 2023/03/01 - 2023/03/31
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: 2023/04/14
Report #: R3322416
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C323180

Received: 2023/04/04, 07:30

Sample Matrix: Air
Samples Received: 12

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
H2S Passive Analysis	12	2023/04/05	2023/04/11	PTC SOP-00150	Passive H2S in ATM
SO2 Passive Analysis	12	2023/04/05	2023/04/11	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

Belma Elefante
Customer Service Associate
14 Apr 2023 14:17:10

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

Bureau Veritas Job #: C323180
Report Date: 2023/04/14

Peace River Area Monitoring Program Committee
Client Project #: 2023/03/01 - 2023/03/31
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

RESULTS OF CHEMICAL ANALYSES OF AIR

Bureau Veritas ID		BOL308	BOL309	BOL310	BOL311	BOL312	BOL313	BOL314		
Sampling Date		2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00		
	UNITS	1	2	3	4	7	8	9	RDL	QC Batch
Passive Monitoring										
Calculated H2S	ppb	0.07	0.09	0.13	0.10	0.08	0.14	0.14	0.02	A928178
Calculated SO2	ppb	0.3	0.4	0.4	0.4	0.3	0.4	0.3	0.1	A928238
RDL = Reportable Detection Limit										

Bureau Veritas ID		BOL315	BOL316	BOL317	BOL318	BOL319		
Sampling Date		2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00	2023/03/01 08:00		
	UNITS	10	11	12	13	14	RDL	QC Batch
Passive Monitoring								
Calculated H2S	ppb	0.09	0.08	0.08	0.08	0.09	0.02	A928178
Calculated SO2	ppb	0.3	0.3	0.3	0.3	0.3	0.1	A928238
RDL = Reportable Detection Limit								



**BUREAU
VERITAS**

Bureau Veritas Job #: C323180
Report Date: 2023/04/14

Peace River Area Monitoring Program Committee
Client Project #: 2023/03/01 - 2023/03/31
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

GENERAL COMMENTS

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C323180
Report Date: 2023/04/14

Peace River Area Monitoring Program Committee
Client Project #: 2023/03/01 - 2023/03/31
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	
A928178	YYA	Spiked Blank	Calculated H2S			101	%	90 - 110	
A928238	OZ	Spiked Blank	Calculated SO2			96	%	90 - 110	
A928238	OZ	Method Blank	Calculated SO2		<0.1		ppb		

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.



BUREAU
VERITAS

Bureau Veritas Job #: C323180
Report Date: 2023/04/14

Peace River Area Monitoring Program Committee
Client Project #: 2023/03/01 - 2023/03/31
Site Location: PEACE RIVER COMPLEX
Sampler Initials: BG

VALIDATION SIGNATURE PAGE

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

Yang Liu, Analyst II

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 {0}, {1} responsible for {2} {3} laboratory operations.

End of Report