



**WOOD BUFFALO
ENVIRONMENTAL ASSOCIATION**

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Wood Buffalo Environmental Association

ANNUAL REPORT – VOLUME 1

2023 CONTINUOUS DATA

March 2024

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



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March 28, 2024

Director, Environmental Monitoring and Evaluation Branch
Alberta Environment and Protected Areas
11th Floor, Oxbridge Place
9820 106 Street
Edmonton, Alberta T5K 2J6

SUBMITTED VIA EMAIL

RE: Annual Ambient Air Quality Monitoring Report 2023 Wood Buffalo Environmental Association

Enclosed is the 2023 Annual Ambient Air Quality Monitoring Report for the Wood Buffalo Environmental Association regional air monitoring network.

The continuous ambient air quality monitoring network stations are:

AMS 01 – Bertha Ganter – Fort McKay	AMS 20 – MacKay River
AMS 02 – Mildred Lake	AMS 21 – Conklin
AMS 03 – Lower Camp (Meteorology)	AMS 22 – Janvier
AMS 04 – Buffalo Viewpoint	AMS 23 – Fort Hills
AMS 05 – Mannix	AMS 25 – Waskōw ohci Pimâtisiwin
AMS 06 – Patricia McInnes	AMS 26 – Christina Lake
AMS 07 – Athabasca Valley	AMS 27 – Jackfish 2/3
AMS 08 – Fort Chipewyan	AMS 29 – Surmont 2
AMS 09 – Barge Landing	AMS 30 – Ells River
AMS 11 – Lower Camp (Air Quality)	AMS 501 – Leismer
AMS 13 – Fort McKay South	AMS 505 – Sawbones Bay
AMS 14 – Anzac	AMS 506 – Jackfish 1
AMS 17 - Wapasu	AMS 507 – Kirby South
AMS 18 – Stony Mountain	AMS 508 – Kirby North
AMS 19 – Firebag	AMS 511 – Blackgold

This report is submitted by the WBEA on behalf of its members. This report may also satisfy the ambient air reporting requirements in industry members' EPEA Approvals (as amended):



Industry Operators

Athabasca Oil Corporation	289664-01; 241311-01
Canadian Natural	149968-01; 153125-01; 308463-00; 20809-02; 224816-01; 237382-01; 20769-02
Cenovus Energy Inc.	48522-02; 206355-01
ChemTrade Logistics	404827-00
CNOOC International	137467-01; 236394-00
Connacher Oil and Gas Ltd.	240008-01
ConocoPhillips	48263-01
Hammerstone Corporation	189942-01
Harvest Operations Corp.	246984-01
H.J. Baker Sulphur Canada ULC	426549-00
Imperial Oil Ltd.	00046586-01
Inter Pipeline Ltd.	73203-02
Keyera Energy Ltd.	187-03
MEG Energy Corp.	00216466-01
Parsons Creek Aggregates	231302-00
PetroChina Canada Ltd.	254465-01
Suncor Energy Inc.	094-03; 80105-01; 151469-01; 48408-02
Sunshine Oilsands Ltd.	305529-00
Surmont Energy	318401-00
Synchrude Canada Ltd.	026-03
Titan Tire Reclamation Corporation	364232-00

Government and Non-Government Organizations

Alberta Energy Regulator	Health Canada
Alberta Environment and Protected Areas	Keyano College
Alberta Health	Parks Canada
Alberta Health Services	Regional Municipality of Wood Buffalo
Environment and Climate Change Canada	

Indigenous Communities

Athabasca Chipewyan First Nation	Fort McKay Métis Nation
Chard Métis Nation	Fort McMurray 468 First Nation
Chipewyan Prairie Dene First Nation	Lakeland Métis
Christina River Dene Nation Council	Mikisew Cree First Nation
Conklin Métis (CRDAC)	McMurray Metis
Fort McKay First Nation	



1. Introduction

The WBEA is a multi-stakeholder, consensus-based, not-for-profit association that strives to lead in state-of-the-art environmental monitoring to enable informed decision-making. The WBEA monitors the ambient air quality of the Regional Municipality of Wood Buffalo 24 hours a day and 365 days a year. The WBEA works closely with Alberta Environment and Protected Areas (AEPA) and funding for this work was provided by the Oil Sands Monitoring Program (OSM). It is independent of any position of the OSM Program.

1.1 Air Monitoring Parameters

Table 1 provides a list of stations with their names and corresponding WBEA identification number, and the air quality parameters measured by continuous methods at each site. Parameters measured include hydrogen sulphide (H₂S), total reduced sulphur (TRS), sulphur dioxide (SO₂), nitrogen dioxide (NO₂), ozone (O₃), fine particulate matter (PM_{2.5}), total hydrocarbons (THC), methane (CH₄), non-methane hydrocarbons (NMHC), carbon dioxide (CO₂), carbon monoxide (CO) and ammonia (NH₃). Sites are categorized based on the setting in which they are located.

Table 1. Summary of stations and parameters measured continuously at WBEA sites.

WBEA ID	TYPE	STATION NAME	SO ₂	NO _x /NO/NO ₂	O ₃	PM _{2.5}	TRS	H ₂ S	THC	CH ₄	NMHC	CO	CO ₂	NH ₃
1	COMMUNITY	BERTHA GANTER - FORT MCKAY	X	X	X	X	X	X	X	X	X	X	X	X
2	COMPLIANCE	MILDRED LAKE	X					X	X	X	X			
3	METEOROLOGICAL	LOWER CAMP MET TOWER												
4	COMPLIANCE	BUFFALO VIEWPOINT	X	X	X	X		X	X	X	X			
5	COMPLIANCE / METEOROLOGICAL	MANNIX	X					X	X	X	X			
6	COMMUNITY	PATRICIA MCINNES	X	X	X	X	X		X	X	X			X
7	COMMUNITY	ATHABASCA VALLEY	X	X	X	X	X		X	X	X	X		
8	COMMUNITY / COMPLIANCE	FORT CHIPEWYAN	X	X	X	X	X					X	X	
9	ATTRIBUTION	BARGE LANDING	X	X		X	X		X	X	X			
11	COMPLIANCE	LOWER CAMP	X					X	X	X	X			
13	COMPLIANCE / ATTRIBUTION	FORT MCKAY SOUTH	X	X	X	X	X		X	X	X			
14	COMPLIANCE / COMMUNITY	ANZAC	X	X	X	X	X		X	X	X			
17	COMPLIANCE	WAPASU	X	X	X	X		X	X					
18	BACKGROUND	STONY MOUNTAIN	X	X	X	X	X		X	X	X	X	X	
19	COMPLIANCE	FIREBAG	X	X				X	X					
20	COMPLIANCE	MACKAY RIVER	X	X				X	X					
21	COMMUNITY	CONKLIN	X	X	X	X	X		X	X	X			
22	COMMUNITY	JANVIER	X	X	X	X	X		X	X	X			
23	COMPLIANCE	FORT HILLS	X	X		X	X		X	X	X			
25	EMERGENCY RESPONSE	WASKOW OHCI PIMATISIWIN	X					X						
26	COMPLIANCE	CHRISTINA LAKE	X	X				X						
27	COMPLIANCE	JACKFISH 2/3	X	X				X						
29	COMPLIANCE	SURMONT 2	X	X		X		X	X					
30	COMPLIANCE	ELLS RIVER	X	X		X	X		X	X	X			
501	COMPLIANCE	LEISMER	X	X				X						
505	COMPLIANCE	SAWBONES BAY	X	X				X						
506	COMPLIANCE	JACKFISH 1	X	X				X						
507	COMPLIANCE	KIRBY SOUTH	X	X				X	X					
508	COMPLIANCE	KIRBY NORTH	X	X				X	X					
511	COMPLIANCE	BLACKGOLD	X	X				X	X					



Table 2 provides a list of stations and meteorological parameters measured by continuous methods. Parameters measured include ambient temperature (AT), relative humidity (RH), barometric pressure (BP), wind speed (WS), wind direction (WD), vertical wind speed (VWS), global radiation (GR), precipitation (PC), and leaf wetness (LW).

Table 2. Summary of stations and meteorological parameters measured continuously at WBEA sites.

WBEA ID	TYPE	STATION NAME	AT*	RH*	BP	WS*	WD*	VWS*	GR	PC	SW
1	COMMUNITY	BERTHA GANTER-FORT MCKAY	X ^{1,2}	X ¹		X ²	X ²		X	X	X
2	COMPLIANCE	MILDRED LAKE	X ¹	X ¹		X ²	X ²				
3	METEOROLOGICAL	LOWER CAMP MET TOWER	X ⁴	X ⁴		X ⁴	X ⁴	X ⁴			
4	COMPLIANCE	BUFFALO VIEWPOINT	X ¹	X ¹		X ²	X ²				
5	COMPLIANCE / METEOROLOGICAL	MANNIX	X ⁵	X ⁵		X ⁵	X ⁵	X ⁵			
6	COMMUNITY	PATRICIA MCINNES	X ¹	X ¹		X ²	X ²				
7	COMMUNITY	ATHABASCA VALLEY	X ¹	X ¹	X	X ²	X ²				
8	COMMUNITY / COMPLIANCE	FORT CHIPEWYAN	X ¹	X ¹		X ²	X ²		X		X
9	ATTRIBUTION	BARGE LANDING	X ¹	X ¹	X	X ^{2,3}	X ^{2,3}				
11	COMPLIANCE	LOWER CAMP	X ¹	X ¹	X	X ²	X ²				
13	COMPLIANCE / ATTRIBUTION	FORT MCKAY SOUTH	X ¹	X ¹		X ²	X ²				
14	COMPLIANCE / COMMUNITY	ANZAC	X ¹	X ¹		X ³	X ³				X
17	COMPLIANCE	WAPASU	X ¹	X ¹		X ²	X ²			X	
18	BACKGROUND	STONY MOUNTAIN	X ¹	X ¹		X ³	X ³		X	X	X
19	COMPLIANCE	FIREBAG	X ¹	X ¹		X ²	X ²				
20	COMPLIANCE	MACKAY RIVER	X ¹	X ¹		X ²	X ²			X	
21	COMMUNITY	CONKLIN	X ¹	X ¹		X ²	X ²				
22	COMMUNITY	JANVIER	X ¹	X ¹		X ^{2,3}	X ^{2,3}				
23	COMPLIANCE	FORT HILLS	X ¹	X ¹		X ²	X ²				
25	EMERGENCY RESPONSE	WASKOW OHCI PIMATISIWIN	X ¹	X ¹		X ²	X ²				
26	COMPLIANCE	CHRISTINA LAKE	X ¹	X ¹		X ²	X ²				
27	COMPLIANCE	JACKFISH 2/3	X ¹	X ¹		X ²	X ²				
29	COMPLIANCE	SURMONT 2	X ¹	X ¹		X ²	X ²				
30	COMPLIANCE	ELLS RIVER	X ¹	X ¹		X ²	X ²		X		
501	COMPLIANCE	LEISMER	X ¹	X ¹		X ²	X ²				
505	COMPLIANCE	SAWBONES BAY	X ¹	X ¹		X ²	X ²				
506	COMPLIANCE	JACKFISH 1	X ¹	X ¹		X ²	X ²				
507	COMPLIANCE	KIRBY SOUTH	X ¹	X ¹		X ²	X ²				
508	COMPLIANCE	KIRBY NORTH	X ¹	X ¹		X ²	X ²				
511	COMPLIANCE	BLACKGOLD	X ¹	X ¹		X ²	X ²				

*1 Parameter measured at 2m.

*2 Parameter measured at 10m.

*3 Parameter measured at 20m.

*4 Parameter measured at multiple elevations (i.e. 20m, 45m, 100m, 163m).

*5 Parameter measured at multiple elevations (i.e. 20m, 45m, 75m, 90m).



Table 3 provides a listing of stations and air quality parameters measured by time integrated methods. Parameters measured include volatile organic compounds (VOC), particulate matter less than 2.5 µm aerodynamic diameter (PM_{2.5}) including associated metal and ion analysis, particulate matter less than 10 µm aerodynamic diameter (PM₁₀), including associated metal and ion analysis, polycyclic aromatic hydrocarbons (PAH), wet precipitation (precip), including major ion analysis, total suspended particulates (TSP), and Dustfall.

Table 3. Summary of parameters measured using time integrated methods at WBEA sites.

WBEA ID	TYPE	STATION NAME	VOC	PM _{2.5}	PM _{2.5} ECOC	PM ₁₀	PAH	PRECIP	TSP	DUSTFALL
1	COMMUNITY	BERTHA GANTER - FORT MCKAY	X	X	X	X	X	X		X
6	COMMUNITY	PATRICIA MCINNES	X	X		X	X			X
7	COMMUNITY	ATHABASCA VALLEY	X	X		X	X			X
8	COMPLIANCE / COMMUNITY	FORT CHIPEWYAN	X	X	X	X	X			
9	ATTRIBUTION	BARGE LANDING	X							
13	COMPLIANCE / ATTRIBUTION	FORT MCKAY SOUTH	X			X				
14	COMPLIANCE / COMMUNITY	ANZAC	X	X		X	X			X
17	COMPLIANCE	WAPASU			X			X		X
18	ENHANCED DEPOSITION / BACKGROUND	STONY MOUNTAIN			X			X		
21	COMMUNITY	CONKLIN	X	X		X	X			X
22	COMMUNITY	JANVIER	X	X		X	X			X
23	COMPLIANCE	FORT HILLS	X			X				
30	COMPLIANCE	ELLS RIVER	X			X			X	
CN 1	COMPLIANCE	CANADIAN NATURAL DF1								X
CN 2	COMPLIANCE	CANADIAN NATURAL DF2								X
CN 3	COMPLIANCE	CANADIAN NATURAL DF3								X
CN 4	COMPLIANCE	CANADIAN NATURAL DF4								X
CN 5	COMPLIANCE	CANADIAN NATURAL DF5								X



1.2 Air Monitoring Site Locations

The map in Figure 1 shows the locations of all WBEA continuous air quality monitoring. Continuous monitoring sites are in areas of development, primarily along the Athabasca River Valley and cover the region from Conklin to Fort Chipewyan.

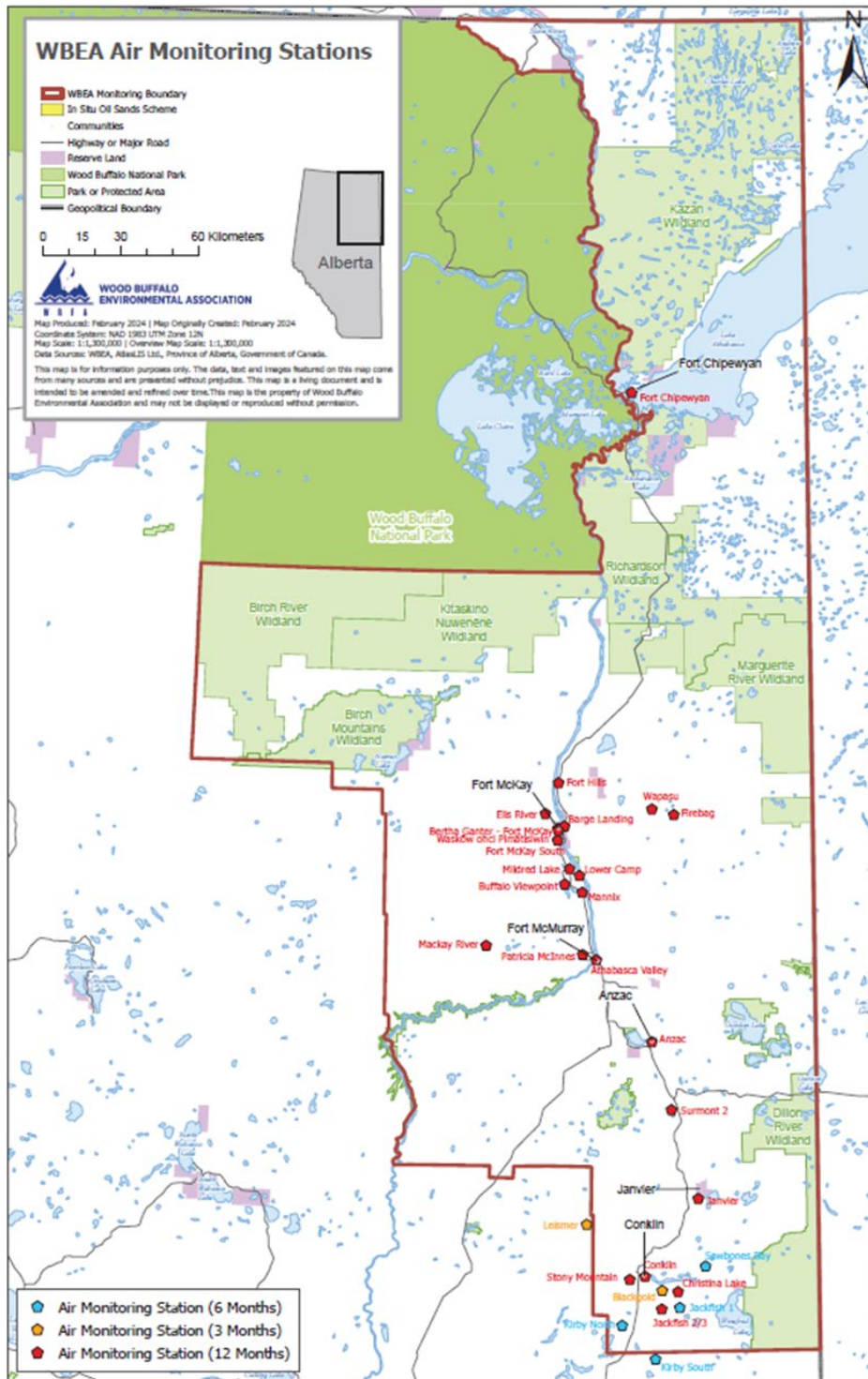


Figure 1. Continuous Air Monitoring Station Locations



2. Summary of Changes to the WBEA Air Monitoring Network

The WBEA conducts 6-months of monitoring each year at two sites, Kirby North and Kirby South, to meet the requirements of EPEA approval number 237382-01-00. Kirby North completed monitoring on June 30, 2023 and was moved to Kirby South on July 4, 2023. This station is equipped with ambient air quality analyzers for SO₂, H₂S, THC, NO, NO₂, NO_x, and meteorological sensors for ambient temperature, relative humidity, and wind speed and direction.

The WBEA commenced ambient air quality monitoring at the Jackfish 1 air monitoring station, at the Canadian Natural Resources Limited Jackfish 1 facility on August 1, 2022, to fulfill the requirements of EPEA approval number 224816-01-00, as amended. The current EPEA approval for the Canadian Natural Jackfish 1 facility requires ambient air monitoring at the facility for six months per calendar year. However, due to the late deployment of this Air Monitoring Station (AMS) in 2022, WBEA was granted permission from the Alberta Energy Regulator to operate the Jackfish 1 AMS from February 1, 2023, to July 31, 2023. This station is equipped with ambient air quality analyzers for SO₂, H₂S, NO, NO₂, NO_x, and meteorological sensors for ambient temperature, relative humidity, and wind speed and direction.

The WBEA deployed an ambient air monitoring station, Sawbones Bay, at the MEG Energy facility on July 1, 2023, to fulfill the requirements of EPEA approval number 216466-01, as amended. The current EPEA approval for the MEG Energy Christina Lake facility requires ambient air monitoring at the facility for six months per calendar year. This station is equipped with ambient air quality analyzers for SO₂, H₂S, NO, NO₂, NO_x, and meteorological sensors for ambient temperature, relative humidity, and wind speed and direction.

The WBEA deployed an ambient air quality monitoring station, Leismer, at the Athabasca Oil Leismer facility on October 1, 2023, to fulfill the requirements of EPEA approval number 241311-01, as amended. The current EPEA approval for the Athabasca Oil Leismer facility requires ambient air monitoring at the facility for three months per calendar year. This station was equipped with ambient air quality analyzers for SO₂, H₂S, NO, NO₂, NO_x, and meteorological sensors for ambient temperature, relative humidity, and wind speed and direction.

The WBEA deployed an ambient air quality monitoring station, Blackgold, at the Harvest Operations Corp. facility on October 1, 2023, to fulfill the requirements of EPEA approval number 246984-01-00, as amended. The current EPEA approval for the Harvest Operations Corp. facility requires ambient air monitoring at the facility for three months per calendar year. This station was equipped with ambient air quality analyzers for SO₂, H₂S, THC, NO, NO₂, NO_x, and meteorological sensors for ambient temperature, relative humidity, and wind speed and direction.

The WBEA implemented the Teledyne API T640 PM_{2.5} alignment factor update to all analyzers across its network. This change was undertaken in response to a request from the Alberta Environment and Protected Area (AEPA). Further details can be found under section 6 of this letter. The subsequent table outlines the dates on which the alignment factor was activated at multiple sites under WBEA's network:



WBEA ID	STATION NAME	DATE EFFECTIVE (VVC153)	DATE EFFECTIVE (VVC1408)
1	BERTHA GANTER-FORT MCKAY	2019-05-15 12:00 MST	2023-12-01 00:00 MST
4	BUFFALO VIEWPOINT	2020-09-23 07:00 MST	2023-12-21 10:00 MST
6	PATRICIA MCINNES	2019-07-11 17:00 MST	2023-12-14 12:00 MST
7	ATHABASCA VALLEY	2020-06-22 10:00 MST	2023-12-01 00:00 MST
8	FORT CHIPEWYAN	2018-05-26-16:00 MST	2023-12-01 14:00 MST
9	BARGE LANDING	2018-12-13 11:00 MST	2023-12-01 00:00 MST
13	FORT MCKAY SOUTH	2018-12-04 09:00 MST	2023-12-01 00:00 MST
14	ANZAC	2020-11-03 16:00 MST	2023-12-01 00:00 MST
17	WAPASU	2019-10-10 16:00 MST	2023-12-01 00:00 MST
18	STONY MOUNTAIN	2019-08-30 13:00 MST	2023-12-01 00:00 MST
21	CONKLIN	2020-05-26 16:00 MST	2023-12-01 00:00 MST
22	JANVIER	2018-05-09 16:00 MST	2023-12-01 00:00 MST
23	FORT HILLS	2020-06-25 14:00 MST	2023-12-01 00:00 MST
29	SURMONT 2	2019-06-13 18:00 MST	2023-12-03 18:30 MST
30	ELLS RIVER	2020-09-21 14:00 MST	2023-12-01 00:00 MST

Table 4. Parameter changes to the WBEA network – 2023

WBEA ID	Station Name	Parameter	Date Effective	Comment
8	Fort Chipewyan	ECOC	February, 2023	New Parameter
8	Fort Chipewyan	Precipitation Sensor	April 1, 2023	New Parameter
6	Patricia McInnes	H ₂ S	January 2, 2023 – June 12, 2023	Inadvertently installed the H ₂ S converter instead of the TRS converter.

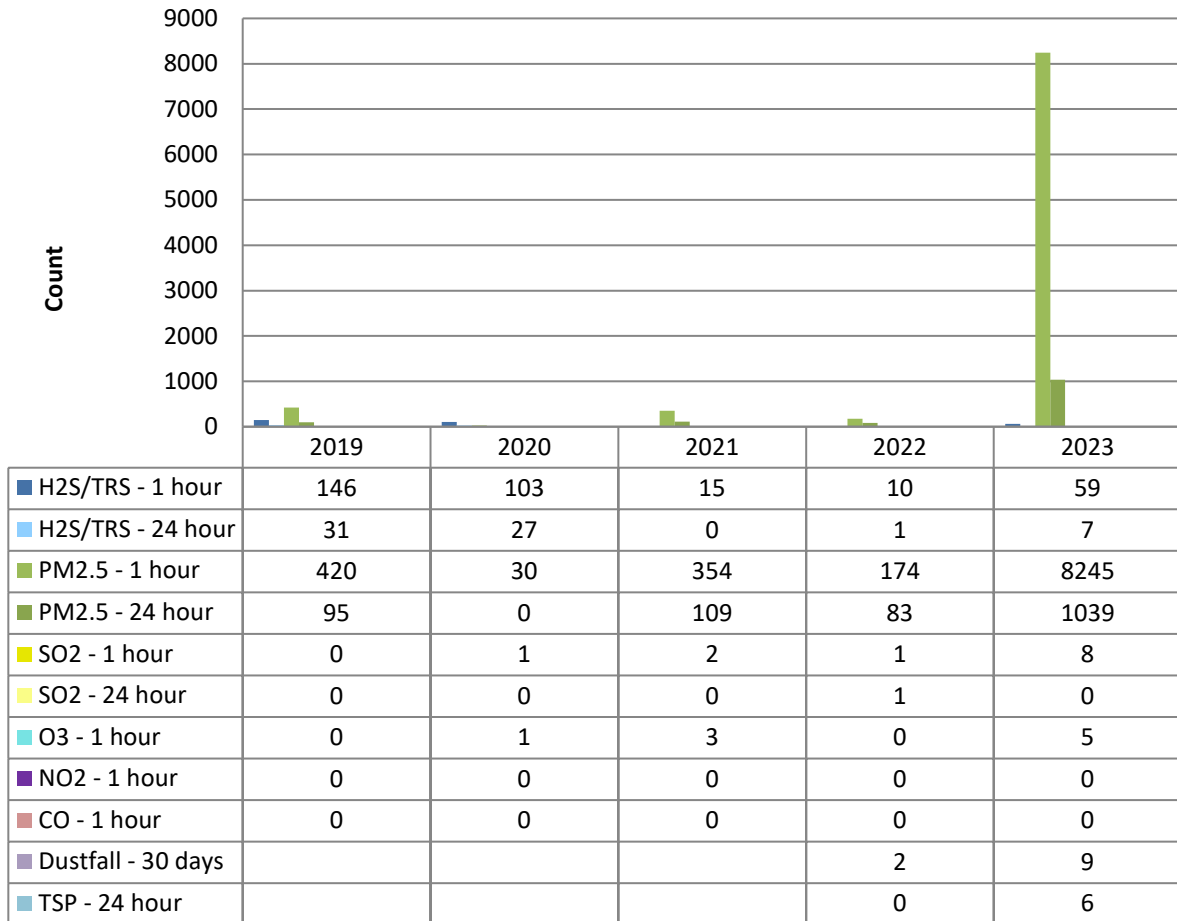
3. Concentrations in Excess of Alberta Ambient Air Quality Objectives and Guidelines

A detailed summary of ambient concentrations in excess of the Alberta Ambient Air Quality Objectives (AAAQOs) and Ambient Air Quality Guidelines (AAAQGs), including site, parameter, date & time, reference number, exceedance period, reported and final concentration, and status are included in Appendix I of the report.

The WBEA airshed reports to AEPA ambient air concentrations for total reduced sulphur (TRS) in excess of the H₂S Ambient Air Quality Objectives. The statistical summary of the previous 5-year comparisons for ambient concentrations in excess of the AAAQOs and AAAQGs are shown in Figure 3. The H₂S summary includes the TRS concentrations in excess of the H₂S objectives.



WBEA Ambient Air Monitoring Network Ground level concentrations in excess of AAAQOs and AAAQGs (2019 - 2023)



**The PM_{2.5} 1-hour AAAQG was established on January 1, 2019*

Figure 2. Ambient Air Concentrations in excess of the AAAQO and AAAQG (2019-2023)

4. Operational Status – Instrument Operation Below 90 Percent of the Time

In 2023, there were 38 incidents resulting in compliance monitoring instruments operating less than 90% of the time. A detailed summary of these incidents, including date, reference number, description, location, issue, and remedial action are included in Appendix II of the report.

5. External Audits and Results

There were no external audits of WBEA ambient air monitoring stations conducted for the 2023 reporting period.



6. Monthly Report Revisions

The following revisions were identified during the year and made to associated monthly reports:

Revised Report	Revision	Details
April	Revision of THC at Firebag	During routine data review, it was identified that the Total Hydrocarbon (THC) baseline points for Firebag Air Monitoring Stations (AMS) had inadvertently been left unaccepted for April 2023. On June 21, 2023, THC data for Firebag AMS for April 2023 was resubmitted to the Electronic Transfer System to include baseline corrections.
February to May	Revision of Wind Speed and Wind Direction data at Firebag.	During the daily system check of the wind speed and wind direction (WS/WD) data, it was found that the sensor at Firebag Air Monitoring Station (AMS) data did not follow the same pattern with nearby stations. A site inspection of the WS/WD tower showed that one set of bolts which secure the tower to the station were missing, resulting in the misalignment of the tower orientation. The WBEA rectified the issue by replacing the missing bolts and ensuring the tower was in proper alignment. The subsequent data review determined that data collected from February 25 to May 4, 2023, was invalid. The data was revised with appropriate flags and resubmitted to Alberta Air Data Warehouse on June 2, 2023.
January to June	Revision of the TRS to H2S data at Patricia McInnes.	<p>The WBEA resubmitted H₂S data to the Alberta Air Data Warehouse collected at the Patricia McInnes air monitoring station (AMS) from January 3, 2023, to June 12, 2023, and retracted the TRS data for the same time period.</p> <p>Historically, TRS is collected at Patricia McInnes AMS using an SO₂ TLE thermo-scientific analyzer with a converter that operates at 800 degrees. On January 3, 2023, the analyzer converter failed. Inadvertently, the converter was replaced with an H₂S converter that operates at 325 degrees, therefore, this AMS collected H₂S data instead of TRS data from January 3 - June 12, 2023.</p> <p>Collection of H₂S data from Patricia McInnes for this time period has been reviewed and validated through the WBEA's quality assurance process. To accurately reflect the data collected, the WBEA will be retracting the TRS data and reporting the data as H₂S at Patricia McInnes AMS for the aforementioned time period only. These changes will be reflected on ETS and the Alberta Air Data Warehouse on August 31, 2023.</p>
August	Revision of PM _{2.5} data at Barge Landing and Fort Mckay South	Following the installation of the updated firmware, the PM _{2.5} data collected at Barge Landing (AMS 9) and Fort Mckay South (AMS 13) air monitoring stations in August 2023 was recalculated under the assumption that the alignment factor was automatically applied to the data. The WBEA discovered that the instrument's alignment factor setting was not activated, and that the recalculation initially made was not necessary. A revision was made to the PM _{2.5} data on November 30, 2023. In consideration of the revised data, the



ground-level concentration exceedances summary, station summary, network summary, and cover letter for the monthly report were updated and resubmitted to the Electronic Transfer System (ETS) on November 30, 2023.

**September
2017 –
December
2023**

Revision of Teledyne API T640 PM_{2.5} data using alignment factor algorithm.

The AEPA requested that all airsheds activate the Teledyne API T640 PM_{2.5} alignment factor by January 1, 2024, and recalculate historical data using the alignment factor algorithm. This modification, intended to better align with the Federal Reference Method, was approved by the US Environmental Protection Agency and was adopted by Environment Climate Change Canada. The algorithm involves adjustments based on ambient temperature and PM_{2.5} concentrations. To ensure data accuracy, the WBEA manually recalculated PM_{2.5} data from all sites where T640 analyzers were installed, covering the period from September 2017 to December 2023. Before December 2023, the alignment factor feature was disabled within the T640 analyzers. Starting in December 2023, the alignment factor was enabled within the T640 analyzers. The revised historical data, incorporating the alignment factor adjustments, was submitted to the air data warehouse in March 2024.

7. 2019-2023 WBEA Data Compared to LARP Triggers and Limits

A summary of data from the WBEA air monitoring stations compared to the Lower Athabasca Regional Plan (LARP) trigger levels and limits for NO₂ and SO₂ is provided in Appendix III.

8. 2023 Annual Air Concentrations

This report contains a summary of operational times for the year, the monthly averages, and the number of readings in excess of the AAAQO/G, frequency distributions of 1-hour data, and annual average concentration plots over the past five years. Annual average concentration plots have been provided for stations for which there is more than one year of data, and for which 12-month monitoring is completed. Calculation of annual averages cannot be provided for portable monitoring stations which are only required to monitor for 3 or 6 months per year, based on their EPEA approval.

Annual statistics for all integrated results are provided for all species analyzed.

If additional information is required, please contact either Emilie Briggs at (780) 747-8219 or the Wood Buffalo Environmental Association at (780) 799-4420.

Regards,

Wood Buffalo Environmental Association

The representative of the Person Responsible for this monitoring program is Emilie Briggs, Operations Manager WBEA.



Report prepared and submitted by Asad Hidayat and Denny Estador of the WBEA and reviewed by Emilie Briggs of WBEA. The WBEA has retained the services of Whiteley Enterprises to conduct reporting functions on its behalf, specifically, Level 3 – Independent Assessment. As required, the contact information for WBEA staff is included below.

Asad Hidayat, Data Technician
Wood Buffalo Environmental Association
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Denny Estador, Data Technician
Wood Buffalo Environmental Association
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I certify that I have reviewed and verified this report and that the information is complete, accurate and representative of the monitoring results, reporting timeframe and the specified analysis, summarization, and reporting requirements.



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R00_2023_Annual



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION
ANNUAL AIR MONITORING 2023 SUMMARY

2023
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Prepared: March 5, 2023 9:00 MST

APPROVAL NUMBERS	REPORT DATE						
	YEAR						
289664-00-00	2023						
241311-00-00	CONTINUOUS AMBIENT MONITORING						
20809-02-00							
149968-01-00			ONE-HOUR AVERAGE		24-HOUR AVERAGE		
237382-00-00	PARAMETER	STN. NO.	% TIME OPERATIONAL	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION
48522-01-00	SO2(ppb)	1	99	77.5	0	9.9	0
240008-00-00	SO2(ppb)	2	100	92.9	0	19.8	0
48263-01-00	SO2(ppb)	4	100	127.3	0	13.2	0
224816-00-00	SO2(ppb)	5	100	424.1	2	36.3	0
151469-01-00	SO2(ppb)	6	100	41.6	0	10.8	0
189942-00-00	SO2(ppb)	7	100	35.9	0	7.8	0
206355-00-00	SO2(ppb)	8	99	9.1	0	4.3	0
46586-00-00	SO2(ppb)	9	100	59.8	0	7.8	0
73203-02-00	SO2(ppb)	11	99	238.7	6	35.8	0
216466-01-00	SO2(ppb)	13	100	51.3	0	9.4	0
137467-01-00	SO2(ppb)	14	100	31.4	0	8.0	0
236394-00-00	SO2(ppb)	17	100	46.4	0	10.8	0
254465-00-00	SO2(ppb)	18	100	18.5	0	3.3	0
094-03-00	SO2(ppb)	19	100	56.1	0	11.9	0
80105-01-00	SO2(ppb)	20	100	30.2	0	7.7	0
305529-00-00	SO2(ppb)	21	100	11.2	0	2.4	0
318401-00-00	SO2(ppb)	22	99	7.9	0	3.1	0
026-03-00	SO2(ppb)	23	99	63.5	0	10.4	0
364232-00-00	SO2(ppb)	25	86	61.3	0	9.4	0
228044-00-00	SO2(ppb)	26	100	50.2	0	10.0	0
247548-00-00	SO2(ppb)	27	100	28.3	0	7.6	0
231302-00-00	SO2(ppb)	29	100	21.5	0	7.1	0
246984-01-00	SO2(ppb)	30	99	54.5	0	6.6	0
153125-01-00	SO2(ppb)	501	100	30.0	0	17.2	0
	SO2(ppb)	505	100	20.8	0	10.6	0
	SO2(ppb)	506	100	52.9	0	14.5	0
	SO2(ppb)	507	98	18.3	0	2.4	0
	SO2(ppb)	508	100	20.0	0	3.3	0
	SO2(ppb)	511	100	19.0	0	8.0	0
	H2S(ppb)	1	99	6.3	0	1.6	0
	H2S(ppb)	2	100	13.2	5	3.2	1
	H2S(ppb)	4	100	11.8	1	1.7	0
	H2S(ppb)	5	100	45.9	16	10.2	1
	H2S(ppb)	6	100	1.9	0	0.8	0
	H2S(ppb)	11	100	35.8	36	4.0	4
	H2S(ppb)	17	100	3.7	0	0.9	0
	H2S(ppb)	19	99	8.8	0	1.0	0
	H2S(ppb)	20	99	4.5	0	0.9	0
	H2S(ppb)	25	86	5.3	0	1.7	0
	H2S(ppb)	26	99	3.8	0	0.8	0
	H2S(ppb)	27	99	3.8	0	0.8	0
	H2S(ppb)	29	99	1.1	0	0.5	0
	H2S(ppb)	501	100	8.0	0	4.0	1
	H2S(ppb)	505	100	2.6	0	0.9	0
	H2S(ppb)	506	99	10.5	1	0.8	0
	H2S(ppb)	507	99	2.1	0	0.7	0
	H2S(ppb)	508	97	1.0	0	0.3	0
	H2S(ppb)	511	100	1.9	0	0.5	0
	TRS(ppb)	1	99	6.6	0	2.4	0
	TRS(ppb)	6	99	3.2	0	1.2	0
	TRS(ppb)	7	97	4.7	0	1.7	0
	TRS(ppb)	8	100	4.5	0	1.2	0
	TRS(ppb)	9	100	5.2	0	1.8	0
	TRS(ppb)	13	99	7.3	0	2.0	0
	TRS(ppb)	14	99	2.4	0	0.8	0
	TRS(ppb)	18	100	1.3	0	0.8	0
	TRS(ppb)	21	100	4.1	0	1.0	0
	TRS(ppb)	22	98	1.4	0	0.6	0
	TRS(ppb)	23	99	2.9	0	1.1	0
	TRS(ppb)	30	100	4.1	0	1.2	0
	THC(ppm)	1	99	5.4	-	3.2	-
	THC(ppm)	2	98	8.1	-	3.1	-
	THC(ppm)	4	100	6.3	-	3.2	-
	THC(ppm)	5	100	7.4	-	3.6	-
	THC(ppm)	6	98	3.4	-	2.6	-

WOOD BUFFALO ENVIRONMENTAL ASSOCIATION
ANNUAL AIR MONITORING 2023 SUMMARY

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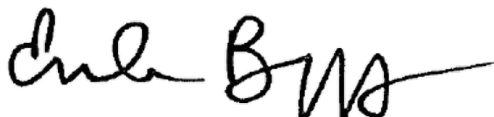
APPROVAL NUMBERS	REPORT DATE						
	YEAR						
	2023						
289664-00-00	CONTINUOUS AMBIENT MONITORING						
241311-00-00	ONE-HOUR AVERAGE						
20809-02-00	24-HOUR AVERAGE						
149968-01-00	PARAMETER	STN. NO.	% TIME OPERATIONAL	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION
237382-00-00	THC(ppm)	7	97	4.2	-	3.0	-
48522-01-00	THC(ppm)	9	97	6.4	-	3.0	-
240008-00-00	THC(ppm)	11	100	4.5	-	3.0	-
48263-01-00	THC(ppm)	13	99	4.8	-	3.0	-
224816-00-00	THC(ppm)	14	99	3.3	-	2.6	-
151469-01-00	THC(ppm)	17	100	3.7	-	2.8	-
189942-00-00	THC(ppm)	18	98	3.6	-	2.3	-
206355-00-00	THC(ppm)	19	98	3.8	-	2.6	-
46586-00-00	THC(ppm)	20	100	3.9	-	2.8	-
73203-02-00	THC(ppm)	21	97	4.5	-	2.7	-
216466-01-00	THC(ppm)	22	99	2.6	-	2.2	-
137467-01-00	THC(ppm)	23	98	36.3	-	4.2	-
236394-00-00	THC(ppm)	29	99	3.4	-	2.6	-
254465-00-00	THC(ppm)	30	93	5.7	-	3.4	-
094-03-00	THC(ppm)	507	99	6.0	-	2.7	-
80105-01-00	THC(ppm)	508	99	3.9	-	2.6	-
305529-00-00	THC(ppm)	511	100	3.0	-	2.6	-
318401-00-00	THC(ppm)	1	100	76.6	1	43.7	-
026-03-00	O3(ppb)	4	99	77.0	1	52.1	-
364232-00-00	O3(ppb)	6	100	75.5	0	54.6	-
228044-00-00	O3(ppb)	7	100	71.0	0	50.3	-
247548-00-00	O3(ppb)	8	99	83.4	1	57.6	-
231302-00-00	O3(ppb)	13	99	70.9	0	44.5	-
246984-01-00	O3(ppb)	14	98	70.9	0	53.7	-
153125-01-00	O3(ppb)	17	100	79.1	2	55.0	-
	O3(ppb)	18	100	67.1	0	53.9	-
	O3(ppb)	21	100	73.9	0	51.4	-
	O3(ppb)	22	99	68.2	0	53.7	-
	NO2(ppb)	1	98	51.3	0	28.8	-
	NO2(ppb)	4	99	47.2	0	27.6	-
	NO2(ppb)	6	100	46.4	0	25.7	-
	NO2(ppb)	7	100	42.2	0	24.7	-
	NO2(ppb)	8	99	33.6	0	8.6	-
	NO2(ppb)	9	100	53.8	0	37.8	-
	NO2(ppb)	13	100	46.8	0	27.2	-
	NO2(ppb)	14	100	36.5	0	11.8	-
	NO2(ppb)	17	100	31.4	0	19.3	-
	NO2(ppb)	18	99	16.1	0	6.7	-
	NO2(ppb)	19	100	63.3	0	20.7	-
	NO2(ppb)	20	100	34.3	0	22.9	-
	NO2(ppb)	21	100	21.0	0	6.7	-
	NO2(ppb)	22	98	17.5	0	6.4	-
	NO2(ppb)	23	98	65.4	0	33.2	-
	NO2(ppb)	26	99	30.1	0	17.4	-
	NO2(ppb)	27	99	22.1	0	8.7	-
	NO2(ppb)	29	100	28.4	0	11.1	-
	NO2(ppb)	30	100	43.0	0	24.2	-
	NO2(ppb)	501	100	19.2	0	8.3	-
	NO2(ppb)	505	97	20.8	0	12.7	-
	NO2(ppb)	506	100	23.1	0	7.0	-
	NO2(ppb)	507	99	43.4	0	10.9	-
	NO2(ppb)	508	97	18.4	0	9.5	-
	NO2(ppb)	511	99	37.3	0	10.7	-
	CO(ppm)	1	100	3.4	0	1.7	-
	CO(ppm)	7	99	3.6	0	1.4	-
	CO(ppm)	8	98	5.6	0	1.7	-
	CO(ppm)	18	99	3.3	0	1.4	-
	CO2(ppm)	1	100	544.4	-	466.8	-
	CO2(ppm)	8	97	507.7	-	455.1	-
	CO2(ppm)	18	99	483.1	-	464.6	-
	NH3(ppb)	1	89	114.1	0	60.0	-
	NH3(ppb)	6	91	72.9	0	42.1	-
	PM2.5(ug/m3)	1	97	554.7	565	354.6	72
	PM2.5(ug/m3)	4	99	504.0	616	348.1	75
	PM2.5(ug/m3)	6	98	596.9	481	324.9	65
	PM2.5(ug/m3)	7	100	614.3	513	330.1	66

WOOD BUFFALO ENVIRONMENTAL ASSOCIATION
ANNUAL AIR MONITORING 2023 SUMMARY

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Prepared: March 5, 2023 9:00 MST

APPROVAL NUMBERS	REPORT DATE						
	YEAR	2023					
289664-00-00	CONTINUOUS AMBIENT MONITORING						
241311-00-00							
20809-02-00			ONE-HOUR AVERAGE		24-HOUR AVERAGE		
149968-01-00	PARAMETER	STN. NO.	% TIME OPERATIONAL	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION	MAXIMUM CONCENTRATION	NO. READINGS > REGULATION
48522-01-00	PM2.5(ug/m3)	8	100	810.3	819	326.0	78
240008-00-00	PM2.5(ug/m3)	9	100	489.2	557	312.4	78
48263-01-00	PM2.5(ug/m3)	13	100	582.9	658	366.8	82
224816-00-00	PM2.5(ug/m3)	14	99	599.7	475	324.5	57
151469-01-00	PM2.5(ug/m3)	17	100	552.7	595	283.0	70
189942-00-00	PM2.5(ug/m3)	18	99	756.6	383	306.3	54
206355-00-00	PM2.5(ug/m3)	21	100	725.7	410	318.1	59
46586-00-00	PM2.5(ug/m3)	22	99	670.2	427	261	56
73203-02-00	PM2.5(ug/m3)	23	99	930.4	731	327.1	93
216466-01-00	PM2.5(ug/m3)	29	100	595.6	454	301.5	56
137467-01-00	PM2.5(ug/m3)	30	100	510.1	562	300.8	78
236394-00-00	WS(km/h)	1	100	-	-	-	-
254465-00-00	WS(km/h)	2	100	-	-	-	-
094-03-00	WS(km/h)	4	99	-	-	-	-
80105-01-00	WS(km/h)	5	99	-	-	-	-
305529-00-00	WS(km/h)	6	99	-	-	-	-
318401-00-00	WS(km/h)	7	100	-	-	-	-
026-03-00	WS(km/h)	8	98	-	-	-	-
364232-00-00	WS(km/h)	9	100	-	-	-	-
228044-00-00	WS(km/h)	11	93	-	-	-	-
247548-00-00	WS(km/h)	13	100	-	-	-	-
231302-00-00	WS(km/h)	14	99	-	-	-	-
246984-01-00	WS(km/h)	17	100	-	-	-	-
153125-01-00	WS(km/h)	18	92	-	-	-	-
	WS(km/h)	19	81	-	-	-	-
	WS(km/h)	20	99	-	-	-	-
	WS(km/h)	21	99	-	-	-	-
	WS(km/h)	22	99	-	-	-	-
	WS(km/h)	23	99	-	-	-	-
	WS(km/h)	25	86	-	-	-	-
	WS(km/h)	26	95	-	-	-	-
	WS(km/h)	27	99	-	-	-	-
	WS(km/h)	29	98	-	-	-	-
	WS(km/h)	30	99	-	-	-	-
	WS(km/h)	501	99	-	-	-	-
	WS(km/h)	505	100	-	-	-	-
	WS(km/h)	506	100	-	-	-	-
	WS(km/h)	507	99	-	-	-	-
	WS(km/h)	508	99	-	-	-	-
	WS(km/h)	511	98	-	-	-	-
							
SIGNATURE OF ASSOCIATION REPRESENTATIVE					FOR ALBERTA ENVIRONMENT USE ONLY		



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

SULPHUR DIOXIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	706	1.0	14.3	0	3.1	0	100.0	0.0	0.0	0.0	0.0
February	96	616	1.3	77.5	0	6.8	0	99.4	0.5	0.2	0.0	0.0
March	100	706	1.9	38.0	0	9.9	0	98.7	1.3	0.0	0.0	0.0
April	99	681	1.4	21.7	0	5.1	0	99.6	0.4	0.0	0.0	0.0
May	100	705	1.8	65.8	0	8.4	0	98.7	1.1	0.1	0.0	0.0
June	99	677	1.3	35.8	0	6.6	0	98.8	1.2	0.0	0.0	0.0
July	100	707	0.6	16.5	0	3.1	0	100.0	0.0	0.0	0.0	0.0
August	100	706	0.8	16.0	0	4.4	0	100.0	0.0	0.0	0.0	0.0
September	100	684	1.1	13.1	0	5.3	0	100.0	0.0	0.0	0.0	0.0
October	97	690	1.1	22.2	0	4.8	0	99.7	0.3	0.0	0.0	0.0
November	100	685	0.5	8.2	0	3.2	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.9	14.5	0	4.1	0	100.0	0.0	0.0	0.0	0.0
Annual	99	8272	1.1	77.5	0	9.9	0	99.6	0.4	0.0	0.0	0.0



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	708	1.0	16.4	0	4.1	0	100.0	0.0	0.0	0.0	0.0
February	100	641	2.6	53.8	0	9.5	0	97.7	2.3	0.0	0.0	0.0
March	100	707	2.2	65.8	0	8.0	0	98.2	1.7	0.1	0.0	0.0
April	100	685	2.4	41.6	0	15.0	0	97.8	2.2	0.0	0.0	0.0
May	100	708	2.9	56.3	0	9.6	0	97.2	2.8	0.0	0.0	0.0
June	100	683	1.0	25.3	0	4.5	0	99.9	0.2	0.0	0.0	0.0
July	100	707	1.1	28.1	0	4.9	0	99.6	0.4	0.0	0.0	0.0
August	100	707	1.6	45.1	0	7.7	0	98.6	1.4	0.0	0.0	0.0
September	100	682	1.6	32.8	0	8.6	0	99.0	1.0	0.0	0.0	0.0
October	100	709	3.3	70.3	0	19.3	0	96.8	3.1	0.1	0.0	0.0
November	96	662	2.8	92.9	0	19.8	0	96.2	3.2	0.6	0.0	0.0
December	100	708	2.9	52.2	0	9.1	0	96.6	3.4	0.0	0.0	0.0
Annual	100	8307	2.1	92.9	0	19.8	0	98.1	1.8	0.1	0.0	0.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				1-Hour	1-Hour	24-Hour	24-Hour	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	710	0.4	12.6	0	1.6	0	100.0	0.0	0.0	0.0	0.0
February	97	618	1.7	59.7	0	12.9	0	98.2	1.8	0.0	0.0	0.0
March	100	710	1.1	35.4	0	8.2	0	99.0	1.0	0.0	0.0	0.0
April	100	686	0.8	35.3	0	3.7	0	99.6	0.4	0.0	0.0	0.0
May	100	708	1.3	43.7	0	6.5	0	98.6	1.4	0.0	0.0	0.0
June	100	686	1.5	46.7	0	12.8	0	98.0	2.0	0.0	0.0	0.0
July	100	709	1.3	127.3	0	13.2	0	99.0	0.7	0.0	0.3	0.0
August	100	710	0.4	12.3	0	2.7	0	100.0	0.0	0.0	0.0	0.0
September	100	686	0.4	31.6	0	6.5	0	99.6	0.4	0.0	0.0	0.0
October	100	710	0.4	24.2	0	3.9	0	99.9	0.1	0.0	0.0	0.0
November	100	686	0.5	23.5	0	2.1	0	99.9	0.2	0.0	0.0	0.0
December	100	709	0.3	9.8	0	2.2	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8328	0.8	127.3	0	13.2	0	99.3	0.7	0.0	0.0	0.0



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	708	1.0	42.7	0	4.7	0	99.7	0.3	0.0	0.0	0.0
February	100	641	3.9	62.5	0	13.3	0	96.4	3.4	0.2	0.0	0.0
March	99	705	2.4	50.9	0	9.7	0	98.9	1.1	0.0	0.0	0.0
April	100	686	1.3	48.3	0	11.0	0	98.8	1.2	0.0	0.0	0.0
May	100	707	2.3	67.9	0	17.0	0	97.3	2.4	0.3	0.0	0.0
June	100	686	1.6	34.2	0	6.2	0	99.0	1.0	0.0	0.0	0.0
July	100	708	1.7	59.8	0	6.9	0	98.7	1.3	0.0	0.0	0.0
August	100	708	1.7	68.3	0	13.3	0	97.7	2.1	0.1	0.0	0.0
September	100	685	0.5	15.4	0	5.1	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.9	48.7	0	8.9	0	99.6	0.4	0.0	0.0	0.0
November	100	684	0.9	18.9	0	4.6	0	100.0	0.0	0.0	0.0	0.0
December	100	709	1.9	424.1	2	36.3	0	98.9	0.7	0.0	0.1	0.1
Annual	100	8335	1.7	424.1	2	36.3	0	98.8	1.2	0.1	0.0	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.7	28.5	0	2.8	0	99.9	0.1	0.0	0.0	0.0
February	100	638	2.4	28.1	0	6.5	0	99.2	0.8	0.0	0.0	0.0
March	100	707	1.8	41.6	0	10.8	0	99.4	0.6	0.0	0.0	0.0
April	100	686	0.7	13.0	0	5.0	0	100.0	0.0	0.0	0.0	0.0
May	100	708	0.5	11.4	0	1.7	0	100.0	0.0	0.0	0.0	0.0
June	100	685	0.7	10.5	0	4.1	0	100.0	0.0	0.0	0.0	0.0
July	100	708	0.8	25.4	0	5.1	0	99.4	0.6	0.0	0.0	0.0
August	100	705	0.6	13.5	0	3.2	0	100.0	0.0	0.0	0.0	0.0
September	98	669	0.3	7.6	0	1.2	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.5	38.1	0	6.9	0	99.7	0.3	0.0	0.0	0.0
November	100	686	0.3	5.0	0	0.9	0	100.0	0.0	0.0	0.0	0.0
December	100	708	0.6	21.4	0	3.9	0	99.9	0.1	0.0	0.0	0.0
Annual	100	8317	0.8	41.6	0	10.8	0	99.8	0.2	0.0	0.0	0.0



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.4	12.7	0	1.5	0	100.0	0.0	0.0	0.0	0.0
February	100	639	1.8	24.4	0	6.7	0	99.8	0.2	0.0	0.0	0.0
March	100	710	1.4	35.9	0	7.8	0	99.6	0.4	0.0	0.0	0.0
April	100	685	0.7	15.3	0	4.3	0	100.0	0.0	0.0	0.0	0.0
May	100	709	0.4	9.6	0	1.6	0	100.0	0.0	0.0	0.0	0.0
June	100	685	0.5	10.4	0	2.8	0	100.0	0.0	0.0	0.0	0.0
July	100	703	0.5	18.9	0	2.5	0	100.0	0.0	0.0	0.0	0.0
August	99	704	0.4	11.5	0	2.0	0	100.0	0.0	0.0	0.0	0.0
September	97	668	0.2	3.1	0	0.8	0	100.0	0.0	0.0	0.0	0.0
October	100	709	0.3	15.2	0	3.5	0	100.0	0.0	0.0	0.0	0.0
November	100	683	0.2	10.3	0	1.2	0	100.0	0.0	0.0	0.0	0.0
December	100	708	0.4	12.8	0	3.0	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8312	0.6	35.9	0	7.8	0	100.0	0.1	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.6	9.1	0	4.3	0	100.0	0.0	0.0	0.0	0.0
February	98	630	0.2	4.0	0	1.9	0	100.0	0.0	0.0	0.0	0.0
March	100	709	0.3	6.0	0	4.0	0	100.0	0.0	0.0	0.0	0.0
April	100	687	0.1	1.7	0	0.5	0	100.0	0.0	0.0	0.0	0.0
May	100	707	0.3	6.7	0	1.1	0	100.0	0.0	0.0	0.0	0.0
June	100	687	0.2	2.7	0	1.4	0	100.0	0.0	0.0	0.0	0.0
July	98	697	0.2	1.9	0	0.9	0	100.0	0.0	0.0	0.0	0.0
August	97	693	0.3	4.9	0	1.7	0	100.0	0.0	0.0	0.0	0.0
September	99	680	0.6	7.0	0	2.7	0	100.0	0.0	0.0	0.0	0.0
October	97	685	0.3	8.1	0	1.5	0	100.0	0.0	0.0	0.0	0.0
November	100	685	0.3	4.5	0	2.1	0	100.0	0.0	0.0	0.0	0.0
December	100	710	0.7	9.1	0	3.6	0	100.0	0.0	0.0	0.0	0.0
Annual	99	8279	0.4	9.1	0	4.3	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.9	13.4	0	3.0	0	100.0	0.0	0.0	0.0	0.0
February	99	635	1.0	19.7	0	5.8	0	100.0	0.0	0.0	0.0	0.0
March	100	710	1.8	44.6	0	7.1	0	97.8	2.3	0.0	0.0	0.0
April	99	677	1.2	20.2	0	5.5	0	100.0	0.0	0.0	0.0	0.0
May	100	708	1.7	59.8	0	7.8	0	98.3	1.7	0.0	0.0	0.0
June	99	680	1.1	25.4	0	5.5	0	99.3	0.7	0.0	0.0	0.0
July	100	710	0.5	14.1	0	2.8	0	100.0	0.0	0.0	0.0	0.0
August	100	708	0.5	13.6	0	3.0	0	100.0	0.0	0.0	0.0	0.0
September	100	685	0.8	17.8	0	3.2	0	100.0	0.0	0.0	0.0	0.0
October	99	703	0.7	17.9	0	3.3	0	100.0	0.0	0.0	0.0	0.0
November	100	686	0.4	4.9	0	1.4	0	100.0	0.0	0.0	0.0	0.0
December	100	710	1.0	7.4	0	3.6	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8321	1.0	59.8	0	7.8	0	99.6	0.4	0.0	0.0	0.0



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	2.2	132.0	0	24.2	0	98.3	1.1	0.3	0.3	0.0
February	100	638	2.5	77.5	0	8.8	0	97.3	2.5	0.2	0.0	0.0
March	99	704	1.4	43.6	0	7.9	0	98.6	1.4	0.0	0.0	0.0
April	100	685	2.2	47.3	0	9.2	0	98.3	1.8	0.0	0.0	0.0
May	99	705	6.5	238.7	5	35.8	0	94.2	3.6	1.3	0.3	0.7
June	100	686	2.3	90.2	0	7.9	0	97.5	2.2	0.3	0.0	0.0
July	92	653	2.2	138.9	0	20.6	0	98.2	1.7	0.0	0.2	0.0
August	99	704	2.1	83.3	0	7.2	0	98.4	1.3	0.3	0.0	0.0
September	100	686	4.6	218.4	1	18.2	0	94.5	4.2	1.2	0.0	0.2
October	100	709	3.1	131.3	0	25.9	0	96.5	2.8	0.4	0.3	0.0
November	100	686	2.2	143.0	0	13.2	0	98.3	1.3	0.3	0.2	0.0
December	100	709	2.2	146.5	0	12.5	0	97.3	2.0	0.6	0.1	0.0
Annual	99	8274	2.8	238.7	6	35.8	0	97.2	2.2	0.4	0.1	0.1



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	1.0	15.9	0	2.9	0	100.0	0.0	0.0	0.0	0.0
February	100	640	1.2	30.0	0	4.4	0	99.8	0.2	0.0	0.0	0.0
March	100	704	2.1	45.9	0	9.4	0	98.9	1.1	0.0	0.0	0.0
April	100	686	1.7	38.9	0	6.0	0	99.1	0.9	0.0	0.0	0.0
May	100	709	2.2	51.3	0	6.8	0	98.7	1.3	0.0	0.0	0.0
June	99	679	1.9	39.6	0	8.4	0	97.6	2.4	0.0	0.0	0.0
July	100	709	1.0	17.0	0	4.1	0	100.0	0.0	0.0	0.0	0.0
August	100	710	1.1	24.6	0	5.5	0	99.6	0.4	0.0	0.0	0.0
September	100	684	1.3	25.2	0	5.7	0	99.9	0.2	0.0	0.0	0.0
October	100	708	1.5	32.4	0	7.1	0	98.7	1.3	0.0	0.0	0.0
November	100	686	0.7	9.9	0	2.5	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.8	10.0	0	2.5	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8333	1.4	51.3	0	9.4	0	99.4	0.6	0.0	0.0	0.0



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.7	17.2	0	1.9	0	100.0	0.0	0.0	0.0	0.0
February	100	641	1.7	31.4	0	8.0	0	99.7	0.3	0.0	0.0	0.0
March	100	710	1.2	22.6	0	3.3	0	99.9	0.1	0.0	0.0	0.0
April	99	683	1.2	24.5	0	3.9	0	99.6	0.4	0.0	0.0	0.0
May	100	709	0.5	5.8	0	1.4	0	100.0	0.0	0.0	0.0	0.0
June	99	678	0.5	12.0	0	2.7	0	100.0	0.0	0.0	0.0	0.0
July	99	705	0.5	17.8	0	2.1	0	100.0	0.0	0.0	0.0	0.0
August	98	693	0.3	5.9	0	1.1	0	100.0	0.0	0.0	0.0	0.0
September	100	685	0.5	8.1	0	1.3	0	100.0	0.0	0.0	0.0	0.0
October	100	709	0.5	4.8	0	1.4	0	100.0	0.0	0.0	0.0	0.0
November	100	686	0.4	9.5	0	2.2	0	100.0	0.0	0.0	0.0	0.0
December	100	707	0.8	15.3	0	4.2	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8315	0.7	31.4	0	8.0	0	99.9	0.1	0.0	0.0	0.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	710	1.8	46.4	0	10.8	0	99.6	0.4	0.0	0.0	0.0
February	100	640	1.1	28.0	0	6.9	0	99.7	0.3	0.0	0.0	0.0
March	100	708	0.4	17.8	0	3.4	0	100.0	0.0	0.0	0.0	0.0
April	100	685	0.4	21.1	0	3.5	0	99.9	0.2	0.0	0.0	0.0
May	100	709	0.5	15.2	0	2.8	0	100.0	0.0	0.0	0.0	0.0
June	100	684	0.6	12.8	0	2.9	0	100.0	0.0	0.0	0.0	0.0
July	100	708	0.4	13.1	0	2.7	0	100.0	0.0	0.0	0.0	0.0
August	100	709	1.0	28.0	0	5.3	0	99.4	0.6	0.0	0.0	0.0
September	100	686	1.4	24.8	0	3.9	0	99.7	0.3	0.0	0.0	0.0
October	100	709	0.3	11.5	0	4.0	0	100.0	0.0	0.0	0.0	0.0
November	100	687	1.2	29.2	0	9.5	0	99.1	0.9	0.0	0.0	0.0
December	100	708	3.1	34.6	0	9.9	0	99.6	0.4	0.0	0.0	0.0
Annual	100	8343	1.0	46.4	0	10.8	0	99.8	0.3	0.0	0.0	0.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	707	0.4	7.2	0	1.5	0	100.0	0.0	0.0	0.0	0.0
February	100	638	0.9	9.9	0	3.3	0	100.0	0.0	0.0	0.0	0.0
March	100	709	0.7	10.1	0	2.3	0	100.0	0.0	0.0	0.0	0.0
April	100	687	0.4	18.5	0	1.4	0	100.0	0.0	0.0	0.0	0.0
May	100	709	0.4	3.9	0	1.1	0	100.0	0.0	0.0	0.0	0.0
June	100	684	0.3	5.1	0	1.4	0	100.0	0.0	0.0	0.0	0.0
July	100	709	0.3	4.4	0	1.6	0	100.0	0.0	0.0	0.0	0.0
August	100	708	0.2	2.5	0	0.7	0	100.0	0.0	0.0	0.0	0.0
September	98	674	0.3	3.7	0	0.7	0	100.0	0.0	0.0	0.0	0.0
October	100	709	0.2	2.8	0	0.5	0	100.0	0.0	0.0	0.0	0.0
November	100	685	0.2	1.9	0	0.6	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.5	8.9	0	2.8	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8328	0.4	18.5	0	3.3	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	708	1.8	48.5	0	9.6	0	99.3	0.7	0.0	0.0	0.0
February	97	621	1.2	23.8	0	4.6	0	99.7	0.3	0.0	0.0	0.0
March	100	708	0.5	14.7	0	2.2	0	100.0	0.0	0.0	0.0	0.0
April	100	685	0.5	9.6	0	3.0	0	100.0	0.0	0.0	0.0	0.0
May	100	707	0.6	18.8	0	3.7	0	100.0	0.0	0.0	0.0	0.0
June	100	685	0.5	11.1	0	2.3	0	100.0	0.0	0.0	0.0	0.0
July	100	708	0.5	18.5	0	2.7	0	100.0	0.0	0.0	0.0	0.0
August	100	708	0.8	35.6	0	5.5	0	99.7	0.3	0.0	0.0	0.0
September	100	685	2.6	31.6	0	6.8	0	99.0	1.0	0.0	0.0	0.0
October	100	708	0.4	14.5	0	3.5	0	100.0	0.0	0.0	0.0	0.0
November	100	687	1.4	56.1	0	8.3	0	99.4	0.6	0.0	0.0	0.0
December	100	708	2.6	49.8	0	11.9	0	99.0	1.0	0.0	0.0	0.0
Annual	100	8318	1.1	56.1	0	11.9	0	99.6	0.4	0.0	0.0	0.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.6	25.9	0	5.0	0	99.7	0.3	0.0	0.0	0.0
February	100	637	1.2	18.3	0	4.9	0	100.0	0.0	0.0	0.0	0.0
March	100	707	1.7	30.2	0	7.7	0	99.3	0.7	0.0	0.0	0.0
April	100	685	0.5	7.1	0	2.8	0	100.0	0.0	0.0	0.0	0.0
May	100	708	0.6	16.3	0	6.1	0	100.0	0.0	0.0	0.0	0.0
June	100	687	0.6	19.9	0	2.6	0	100.0	0.0	0.0	0.0	0.0
July	100	710	0.6	15.3	0	3.3	0	100.0	0.0	0.0	0.0	0.0
August	100	709	0.4	19.6	0	3.4	0	100.0	0.0	0.0	0.0	0.0
September	100	686	0.2	11.0	0	1.2	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.5	13.6	0	3.6	0	100.0	0.0	0.0	0.0	0.0
November	100	688	0.5	24.6	0	4.4	0	99.6	0.4	0.0	0.0	0.0
December	100	710	0.2	9.6	0	0.6	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8344	0.6	30.2	0	7.7	0	99.9	0.1	0.0	0.0	0.0



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	0.4	11.2	0	1.9	0	100.0	0.0	0.0	0.0	0.0
February	100	639	0.8	8.0	0	2.4	0	100.0	0.0	0.0	0.0	0.0
March	100	709	0.5	10.1	0	1.2	0	100.0	0.0	0.0	0.0	0.0
April	100	687	0.4	4.2	0	1.0	0	100.0	0.0	0.0	0.0	0.0
May	100	709	0.4	6.6	0	0.9	0	100.0	0.0	0.0	0.0	0.0
June	100	684	0.2	3.1	0	0.6	0	100.0	0.0	0.0	0.0	0.0
July	100	710	0.2	3.5	0	1.0	0	100.0	0.0	0.0	0.0	0.0
August	100	708	0.2	2.8	0	0.6	0	100.0	0.0	0.0	0.0	0.0
September	100	686	0.2	1.8	0	0.5	0	100.0	0.0	0.0	0.0	0.0
October	99	702	0.2	4.7	0	0.8	0	100.0	0.0	0.0	0.0	0.0
November	100	686	0.2	1.1	0	0.3	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.3	6.2	0	1.4	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8338	0.3	11.2	0	2.4	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	93	660	0.4	6.7	0	1.5	0	100.0	0.0	0.0	0.0	0.0
February	100	638	0.7	7.9	0	3.1	0	100.0	0.0	0.0	0.0	0.0
March	100	707	0.5	5.3	0	1.7	0	100.0	0.0	0.0	0.0	0.0
April	100	686	0.3	4.4	0	1.2	0	100.0	0.0	0.0	0.0	0.0
May	100	709	0.3	4.7	0	1.4	0	100.0	0.0	0.0	0.0	0.0
June	99	681	0.2	2.6	0	0.4	0	100.0	0.0	0.0	0.0	0.0
July	100	709	0.2	3.6	0	0.7	0	100.0	0.0	0.0	0.0	0.0
August	100	709	0.1	0.9	0	0.3	0	100.0	0.0	0.0	0.0	0.0
September	100	685	0.2	2.6	0	0.5	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.2	2.3	0	0.8	0	100.0	0.0	0.0	0.0	0.0
November	100	685	0.1	2.8	0	0.6	0	100.0	0.0	0.0	0.0	0.0
December	100	705	0.3	2.5	0	1.0	0	100.0	0.0	0.0	0.0	0.0
Annual	99	8282	0.3	7.9	0	3.1	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	709	1.0	10.9	0	3.1	0	100.0	0.0	0.0	0.0	0.0
February	100	639	1.1	33.7	0	4.7	0	99.7	0.3	0.0	0.0	0.0
March	100	707	1.5	63.5	0	10.4	0	99.3	0.6	0.1	0.0	0.0
April	94	647	0.9	17.3	0	4.1	0	100.0	0.0	0.0	0.0	0.0
May	99	702	1.1	28.5	0	6.6	0	99.9	0.1	0.0	0.0	0.0
June	100	687	0.8	16.3	0	5.7	0	100.0	0.0	0.0	0.0	0.0
July	99	708	0.6	20.8	0	3.2	0	99.9	0.1	0.0	0.0	0.0
August	96	682	0.5	20.3	0	3.3	0	100.0	0.0	0.0	0.0	0.0
September	100	687	0.8	35.4	0	6.0	0	99.9	0.2	0.0	0.0	0.0
October	100	707	0.7	18.9	0	4.2	0	100.0	0.0	0.0	0.0	0.0
November	100	689	0.6	10.5	0	2.4	0	100.0	0.0	0.0	0.0	0.0
December	100	708	0.7	15.8	0	3.2	0	100.0	0.0	0.0	0.0	0.0
Annual	99	8272	0.9	63.5	0	10.4	0	99.9	0.1	0.0	0.0	0.0



Wood Buffalo Environmental Association - Waskow ohci Pimatisiwin (AMS25)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	85	605	1.1	15.3	0	3.2	0	100.0	0.0	0.0	0.0	0.0
February	0	0	-9999.0	-9999.0	0	-9999.0	0	0.0	0.0	0.0	0.0	0.0
March	51	357	2.4	37.6	0	9.4	0	97.5	2.5	0.0	0.0	0.0
April	99	682	1.3	22.4	0	4.9	0	99.6	0.4	0.0	0.0	0.0
May	100	708	1.8	61.3	0	8.0	0	98.7	1.1	0.1	0.0	0.0
June	97	666	1.3	33.4	0	6.4	0	99.0	1.1	0.0	0.0	0.0
July	100	709	0.6	15.7	0	2.9	0	100.0	0.0	0.0	0.0	0.0
August	100	709	0.6	16.3	0	3.6	0	100.0	0.0	0.0	0.0	0.0
September	100	685	0.9	11.3	0	4.7	0	100.0	0.0	0.0	0.0	0.0
October	100	709	0.9	20.5	0	4.3	0	100.0	0.0	0.0	0.0	0.0
November	98	673	0.4	5.2	0	2.0	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.7	12.6	0	3.0	0	100.0	0.0	0.0	0.0	0.0
Annual	86	7212	1.0	61.3	0	9.4	0	99.6	0.4	0.0	0.0	0.0



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	708	1.7	50.2	0	10.0	0	99.6	0.4	0.0	0.0	0.0
February	100	638	1.5	26.4	0	4.6	0	99.8	0.2	0.0	0.0	0.0
March	100	708	1.1	15.8	0	3.8	0	100.0	0.0	0.0	0.0	0.0
April	100	686	1.5	31.6	0	9.0	0	98.8	1.2	0.0	0.0	0.0
May	100	707	1.0	27.3	0	7.3	0	99.3	0.7	0.0	0.0	0.0
June	97	661	1.0	19.0	0	3.0	0	100.0	0.0	0.0	0.0	0.0
July	100	706	0.9	27.9	0	4.1	0	99.9	0.1	0.0	0.0	0.0
August	99	705	1.4	30.7	0	4.9	0	99.3	0.7	0.0	0.0	0.0
September	100	687	1.0	21.4	0	6.3	0	99.9	0.2	0.0	0.0	0.0
October	100	709	1.1	16.3	0	7.1	0	100.0	0.0	0.0	0.0	0.0
November	100	687	0.9	30.5	0	7.8	0	99.3	0.7	0.0	0.0	0.0
December	100	710	1.1	13.2	0	3.1	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8312	1.2	50.2	0	10.0	0	99.6	0.4	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	99	705	0.8	11.1	0	3.3	0	100.0	0.0	0.0	0.0	0.0
February	100	639	1.0	8.5	0	2.2	0	100.0	0.0	0.0	0.0	0.0
March	100	707	0.7	9.7	0	2.2	0	100.0	0.0	0.0	0.0	0.0
April	100	684	0.4	4.6	0	1.2	0	100.0	0.0	0.0	0.0	0.0
May	100	708	0.5	8.8	0	1.1	0	100.0	0.0	0.0	0.0	0.0
June	99	681	1.3	8.8	0	2.9	0	100.0	0.0	0.0	0.0	0.0
July	100	708	0.6	6.8	0	1.7	0	100.0	0.0	0.0	0.0	0.0
August	100	708	0.5	5.3	0	1.5	0	100.0	0.0	0.0	0.0	0.0
September	100	687	0.4	5.7	0	1.5	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.5	7.9	0	2.1	0	100.0	0.0	0.0	0.0	0.0
November	100	685	0.7	28.3	0	7.6	0	99.6	0.4	0.0	0.0	0.0
December	98	695	0.8	15.1	0	2.1	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8315	0.7	28.3	0	7.6	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	708	0.5	12.5	0	1.7	0	100.0	0.0	0.0	0.0	0.0
February	100	639	1.2	21.5	0	7.1	0	99.8	0.2	0.0	0.0	0.0
March	99	704	0.6	12.6	0	2.5	0	100.0	0.0	0.0	0.0	0.0
April	100	684	0.3	4.3	0	1.1	0	100.0	0.0	0.0	0.0	0.0
May	100	705	0.6	12.1	0	1.7	0	100.0	0.0	0.0	0.0	0.0
June	99	680	0.4	5.4	0	1.0	0	100.0	0.0	0.0	0.0	0.0
July	100	708	0.3	5.4	0	1.1	0	100.0	0.0	0.0	0.0	0.0
August	100	710	0.2	7.9	0	0.7	0	100.0	0.0	0.0	0.0	0.0
September	99	678	0.4	6.6	0	1.4	0	100.0	0.0	0.0	0.0	0.0
October	100	708	0.3	4.4	0	1.2	0	100.0	0.0	0.0	0.0	0.0
November	100	685	0.3	3.8	0	1.0	0	100.0	0.0	0.0	0.0	0.0
December	100	708	0.4	8.5	0	1.6	0	100.0	0.0	0.0	0.0	0.0
Annual	100	8317	0.5	21.5	0	7.1	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	1-Hour Objective	Maximum 24-Hour Value	24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	710	0.4	7.5	0	1.4	0	100.0	0.0	0.0	0.0	0.0
February	100	639	0.7	14.8	0	2.9	0	100.0	0.0	0.0	0.0	0.0
March	100	709	1.8	43.3	0	6.6	0	98.7	1.3	0.0	0.0	0.0
April	100	685	1.2	29.7	0	5.3	0	99.9	0.2	0.0	0.0	0.0
May	100	709	1.1	19.7	0	4.9	0	100.0	0.0	0.0	0.0	0.0
June	97	666	0.7	22.6	0	4.7	0	99.9	0.2	0.0	0.0	0.0
July	100	709	0.6	28.7	0	3.4	0	99.7	0.3	0.0	0.0	0.0
August	93	659	1.6	43.7	0	6.3	0	99.9	0.2	0.0	0.0	0.0
September	100	687	0.8	35.1	0	5.4	0	99.7	0.3	0.0	0.0	0.0
October	100	709	1.0	54.5	0	6.4	0	99.4	0.6	0.0	0.0	0.0
November	100	685	0.5	17.6	0	3.5	0	100.0	0.0	0.0	0.0	0.0
December	100	709	0.2	6.3	0	1.9	0	100.0	0.0	0.0	0.0	0.0
Annual	99	8276	0.9	54.5	0	6.6	0	99.8	0.2	0.0	0.0	0.0



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
October	100	707	1.7	30.0	0	17.2	0	97.9	2.1	0.0	0.0	0.0
November	100	685	1.2	25.2	0	8.2	0	99.3	0.7	0.0	0.0	0.0
December	100	710	1.0	29.9	0	8.0	0	99.4	0.6	0.0	0.0	0.0
Annual	100	2102	1.3	30.0	0	17.2	0	98.9	1.1	0.0	0.0	0.0



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
July	99	705	0.9	12.5	0	4.7	0	100.0	0.0	0.0	0.0	0.0
August	100	710	0.9	11.1	0	2.8	0	100.0	0.0	0.0	0.0	0.0
September	100	686	1.0	13.0	0	5.2	0	100.0	0.0	0.0	0.0	0.0
October	100	709	0.7	12.3	0	3.6	0	100.0	0.0	0.0	0.0	0.0
November	100	686	1.3	15.9	0	6.1	0	100.0	0.0	0.0	0.0	0.0
December	100	708	2.1	20.8	0	10.6	0	99.9	0.1	0.0	0.0	0.0
Annual	100	4204	1.1	20.8	0	10.6	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Maximum Exceeding		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	710	1.5	52.9	0	14.5	0	97.9	2.1	0.0	0.0	0.0
February	100	637	1.7	34.7	0	6.4	0	99.1	0.9	0.0	0.0	0.0
March	100	709	1.1	26.6	0	6.2	0	99.6	0.4	0.0	0.0	0.0
April	100	686	0.8	39.5	0	7.5	0	99.7	0.3	0.0	0.0	0.0
May	100	710	0.6	37.9	0	4.7	0	99.7	0.3	0.0	0.0	0.0
June	100	687	0.5	6.9	0	1.8	0	100.0	0.0	0.0	0.0	0.0
July	100	710	0.6	9.8	0	1.9	0	100.0	0.0	0.0	0.0	0.0
Annual	100	4849	1.0	52.9	0	14.5	0	99.4	0.6	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
July	96	560	0.4	6.0	0	1.6	0	100.0	0.0	0.0	0.0	0.0
August	97	690	0.5	9.7	0	2.3	0	100.0	0.0	0.0	0.0	0.0
September	100	685	0.7	18.3	0	2.2	0	100.0	0.0	0.0	0.0	0.0
October	99	704	0.4	6.5	0	2.4	0	100.0	0.0	0.0	0.0	0.0
November	100	687	0.5	8.5	0	2.0	0	100.0	0.0	0.0	0.0	0.0
December	98	692	0.7	10.5	0	2.2	0	100.0	0.0	0.0	0.0	0.0
Annual	98	4018	0.5	18.3	0	2.4	0	100.0	0.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
January	100	706	0.5	11.7	0	2.8	0	100.0	0.0	0.0	0.0	0.0
February	100	637	1.0	12.8	0	3.1	0	100.0	0.0	0.0	0.0	0.0
March	100	706	0.8	20.0	0	2.9	0	100.0	0.0	0.0	0.0	0.0
April	100	685	0.5	13.9	0	2.9	0	100.0	0.0	0.0	0.0	0.0
May	100	707	0.4	9.6	0	1.5	0	100.0	0.0	0.0	0.0	0.0
June	100	682	0.7	14.5	0	3.3	0	100.0	0.0	0.0	0.0	0.0
Annual	100	4123	0.6	20.0	0	3.3	0	100.0	0.0	0.0	0.0	0.0



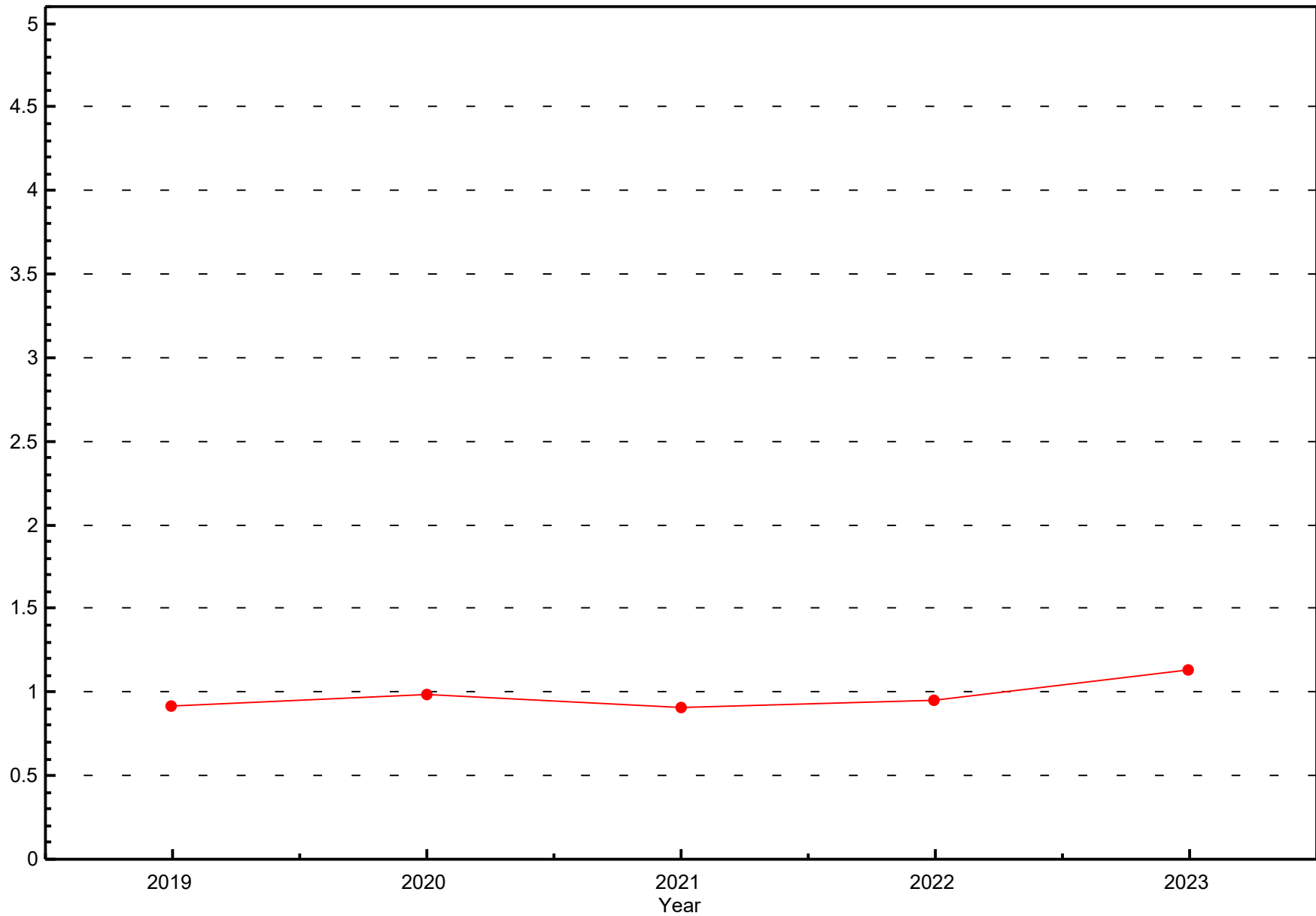
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Sulphur Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 20	21 - 60	61 - 110	111 - 170	171 - 340
October	100	705	0.8	15.8	0	8.0	0	100.0	0.0	0.0	0.0	0.0
November	100	688	1.3	19.0	0	6.0	0	100.0	0.0	0.0	0.0	0.0
December	99	704	1.8	17.6	0	6.5	0	100.0	0.0	0.0	0.0	0.0
Annual	100	2097	1.3	19.0	0	6.8	0	100.0	0.0	0.0	0.0	0.0



Yearly Averages

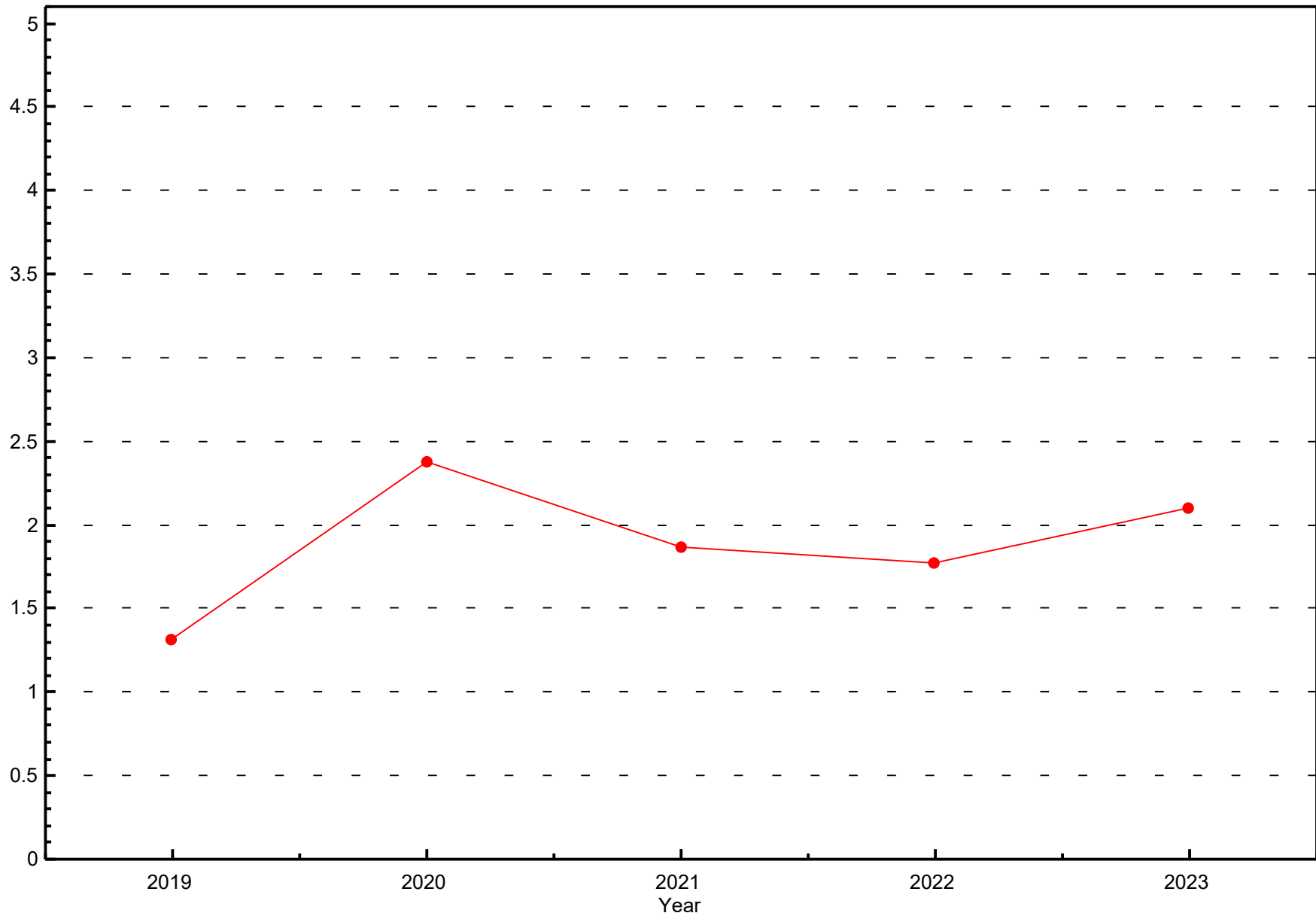
Sulphur Dioxide (SO₂) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

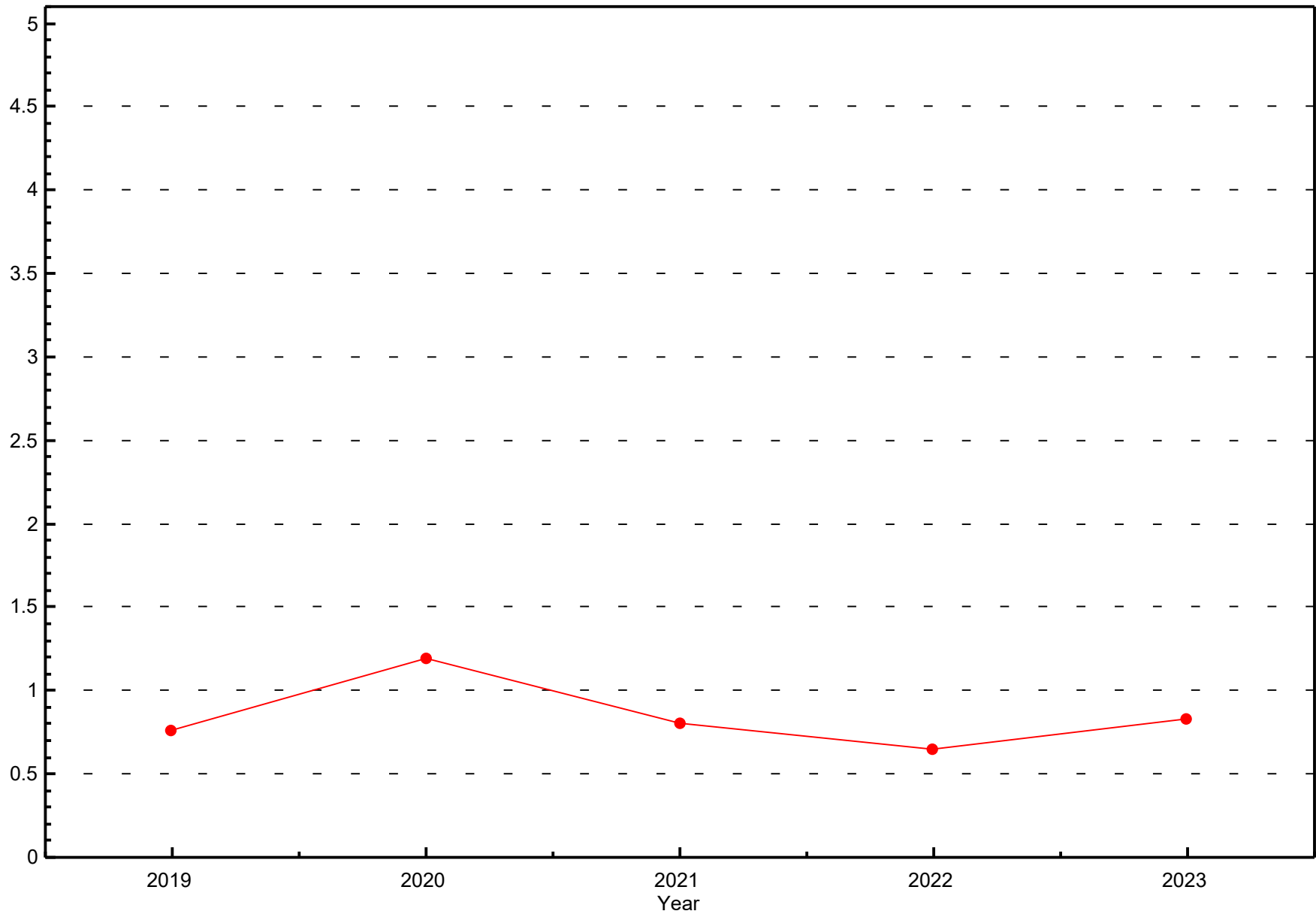
Sulphur Dioxide (SO₂) - ppb
Mildred Lake (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Buffalo Viewpoint (2019 to 2023)

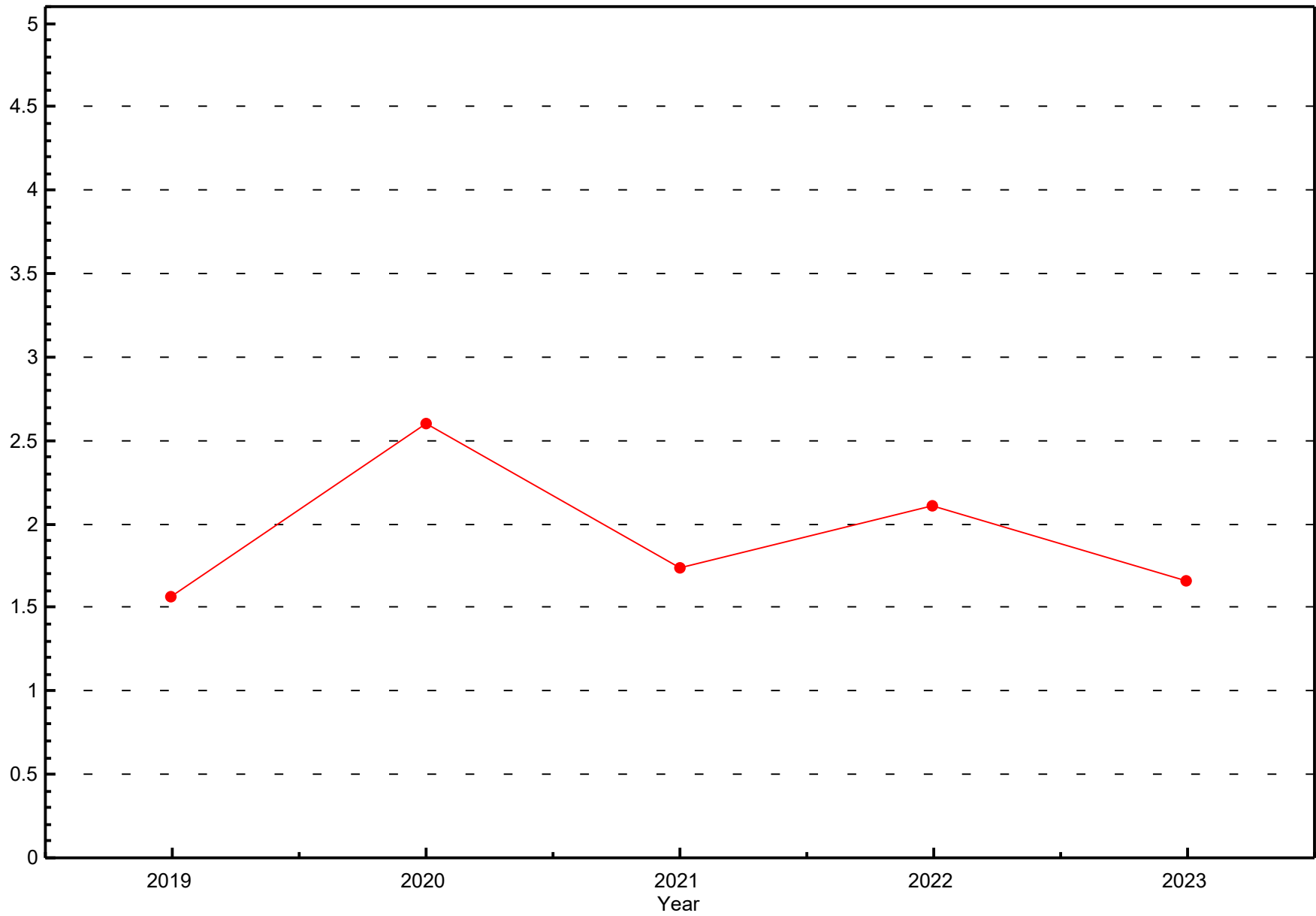




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

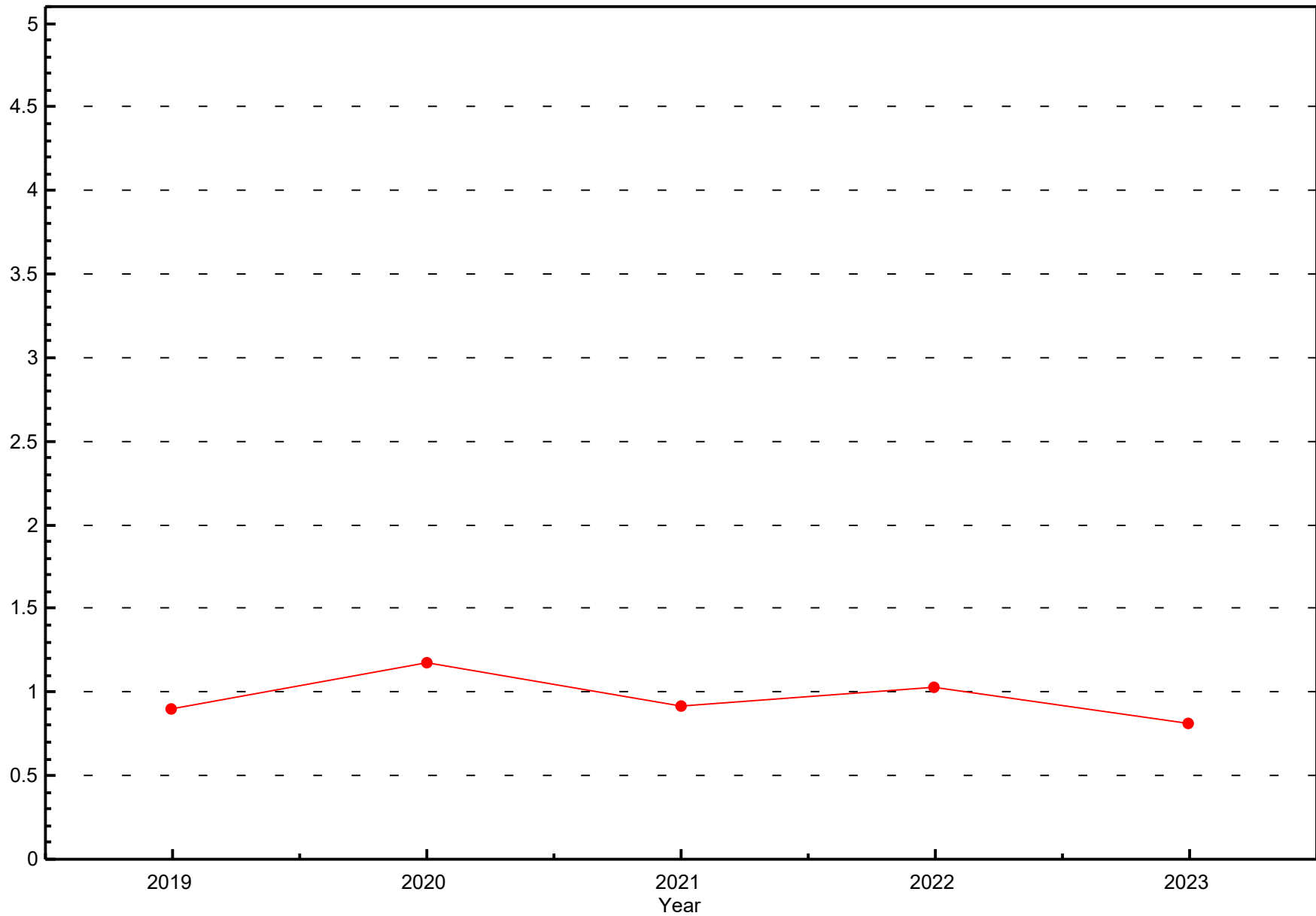
Mannix (2019 to 2023)





Yearly Averages

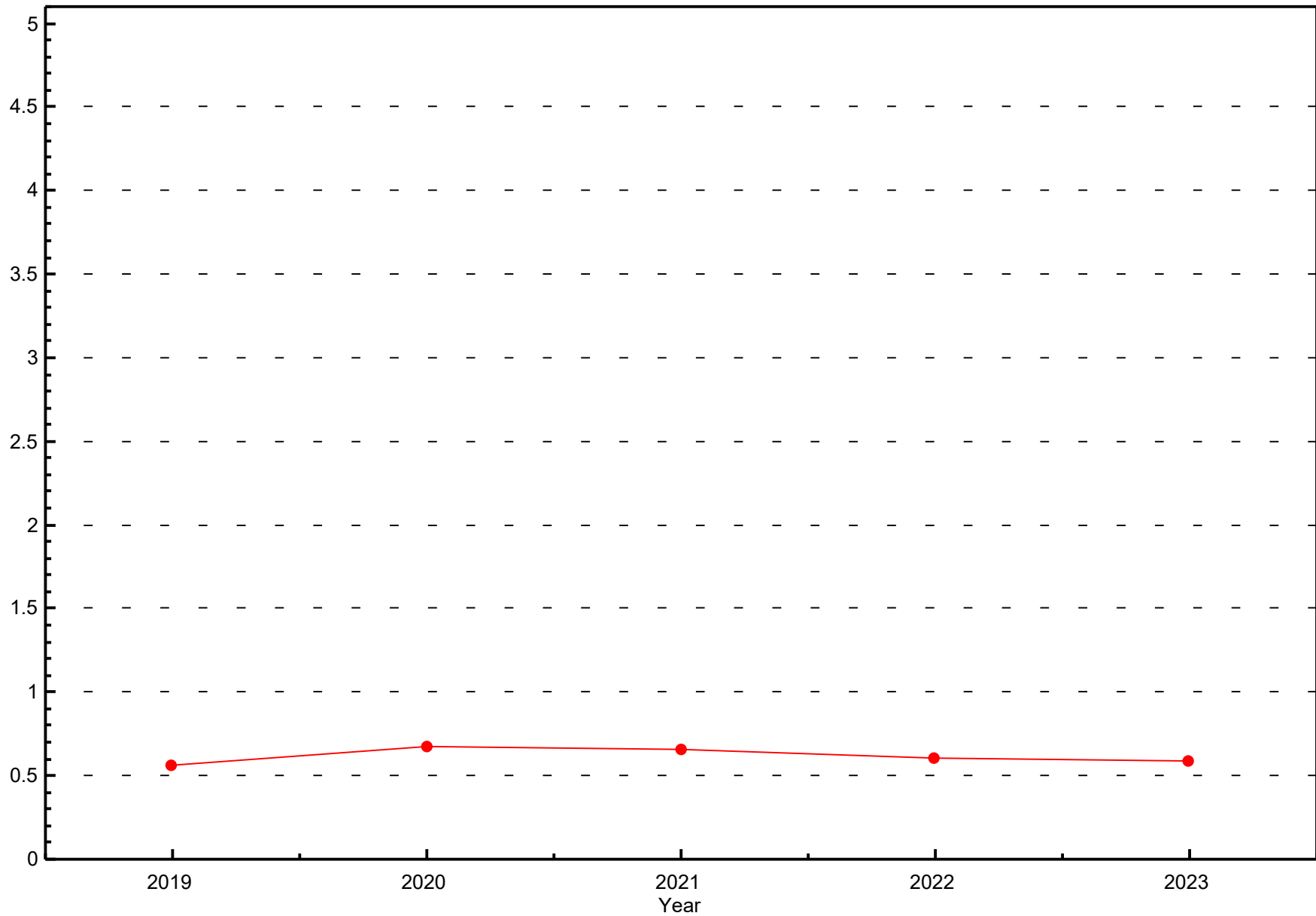
Sulphur Dioxide (SO₂) - ppb
Patricia McInnes (2019 to 2023)





Yearly Averages

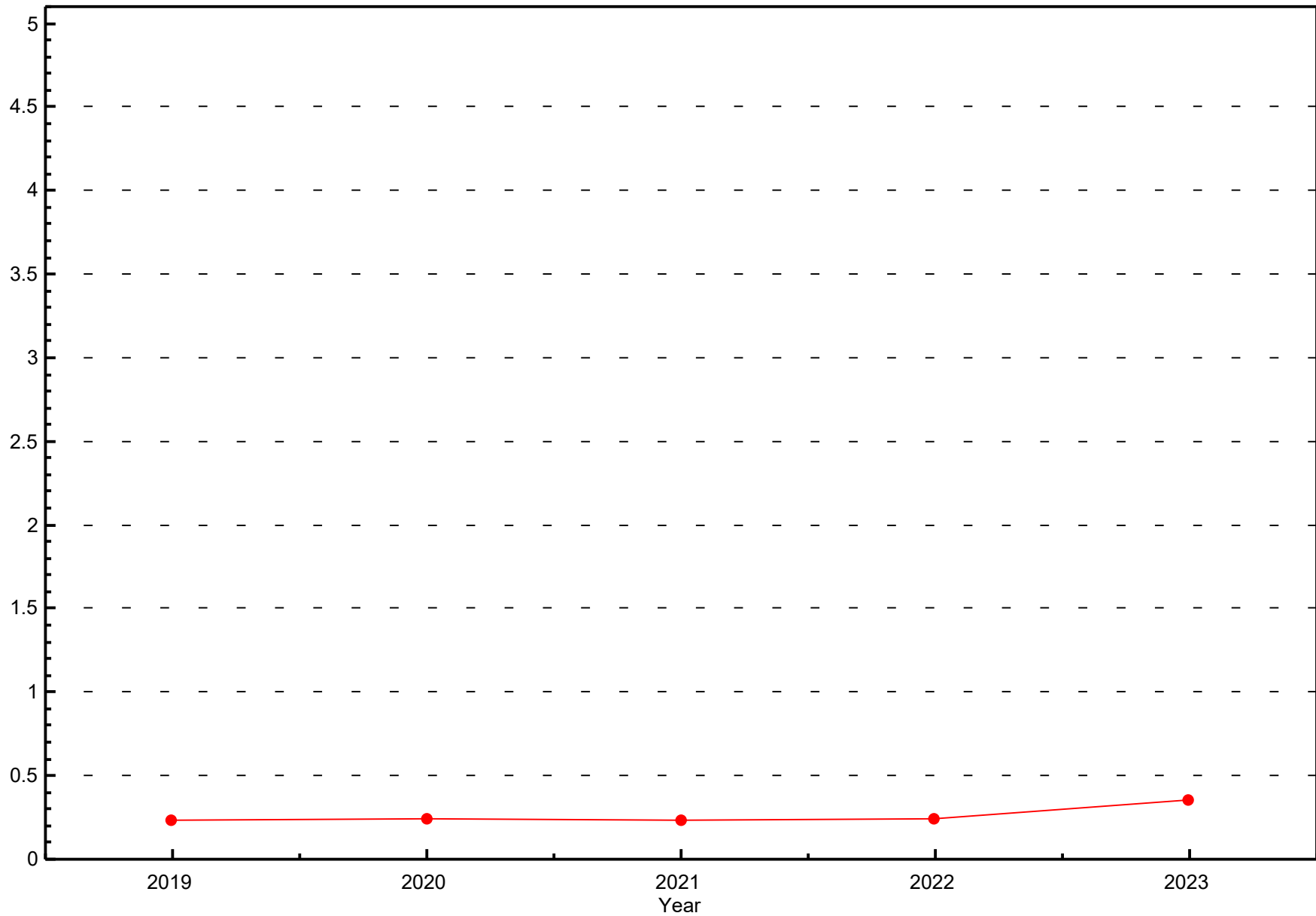
Sulphur Dioxide (SO₂) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

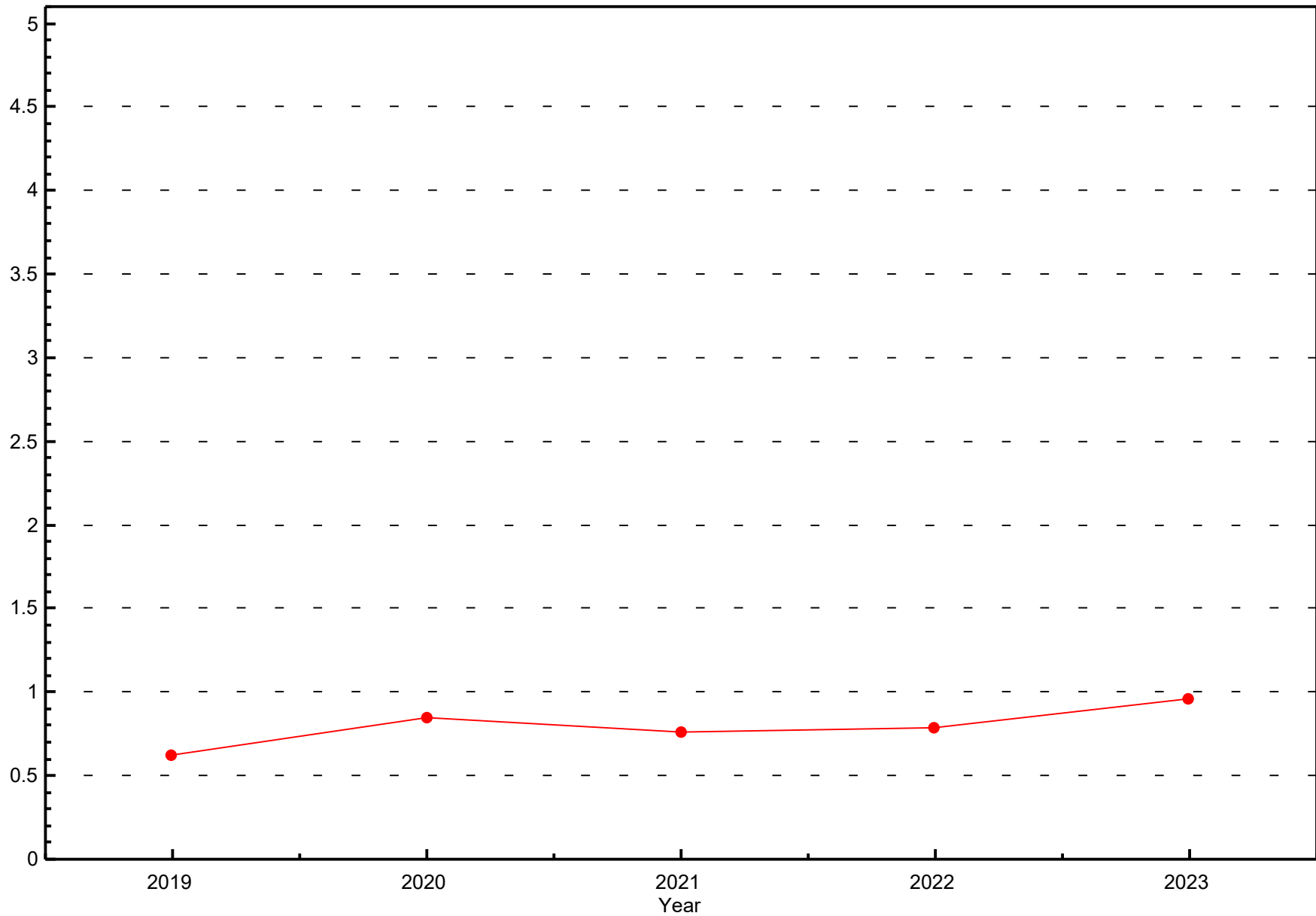
Sulphur Dioxide (SO₂) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

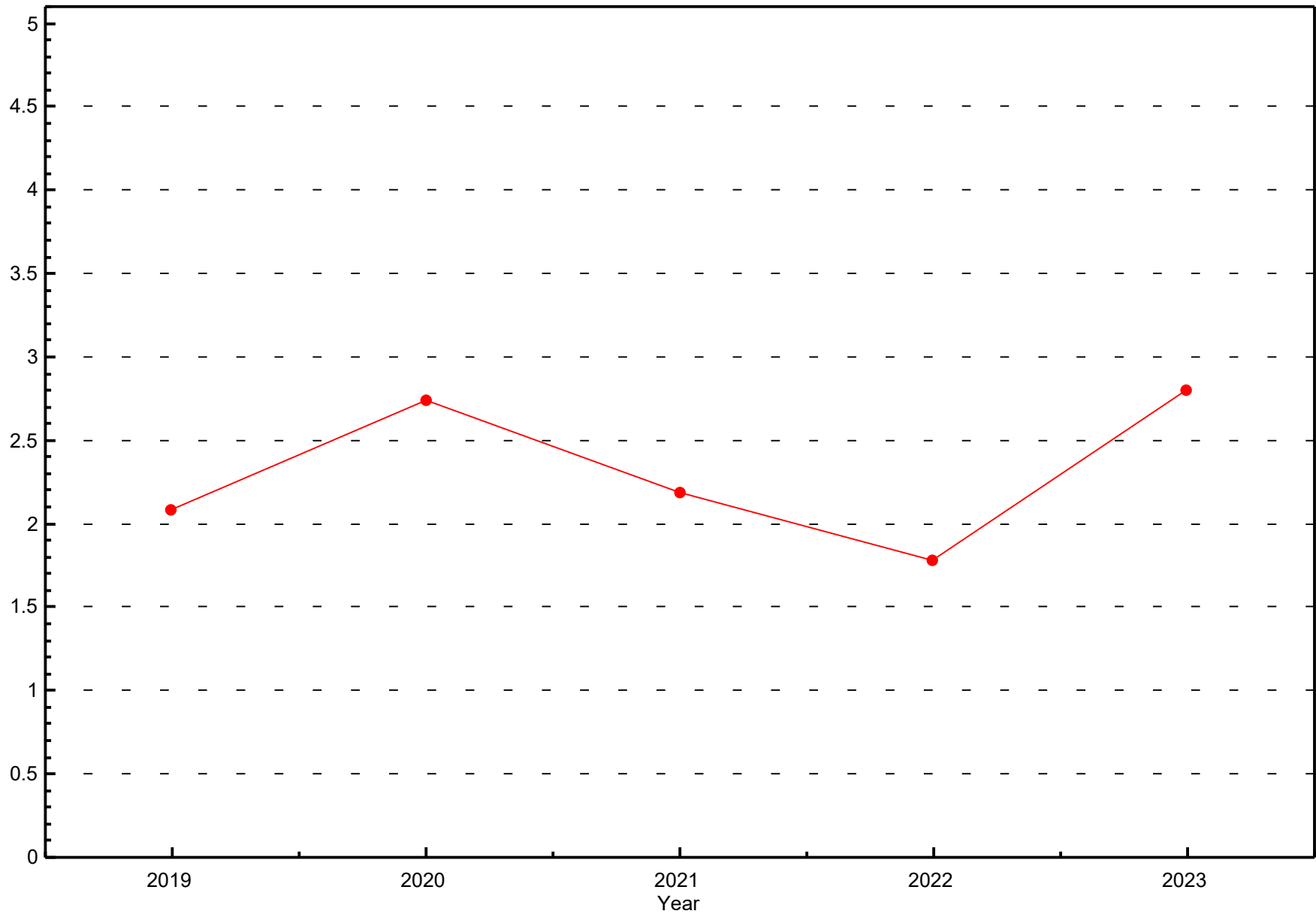
Sulphur Dioxide (SO₂) - ppb
Barge Landing (2019 to 2023)





Yearly Averages

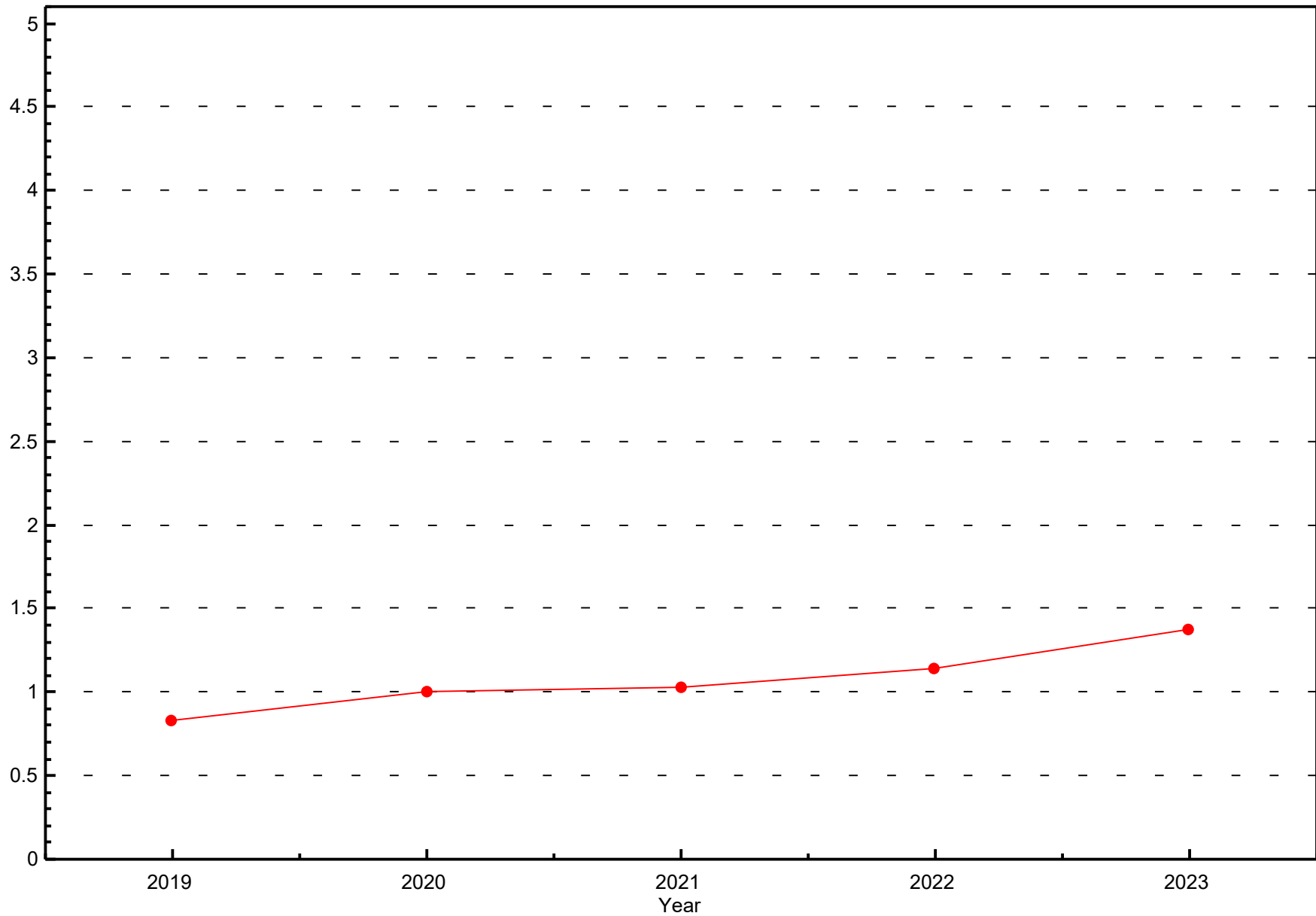
Sulphur Dioxide (SO₂) - ppb
Lower Camp (2019 to 2023)





Yearly Averages

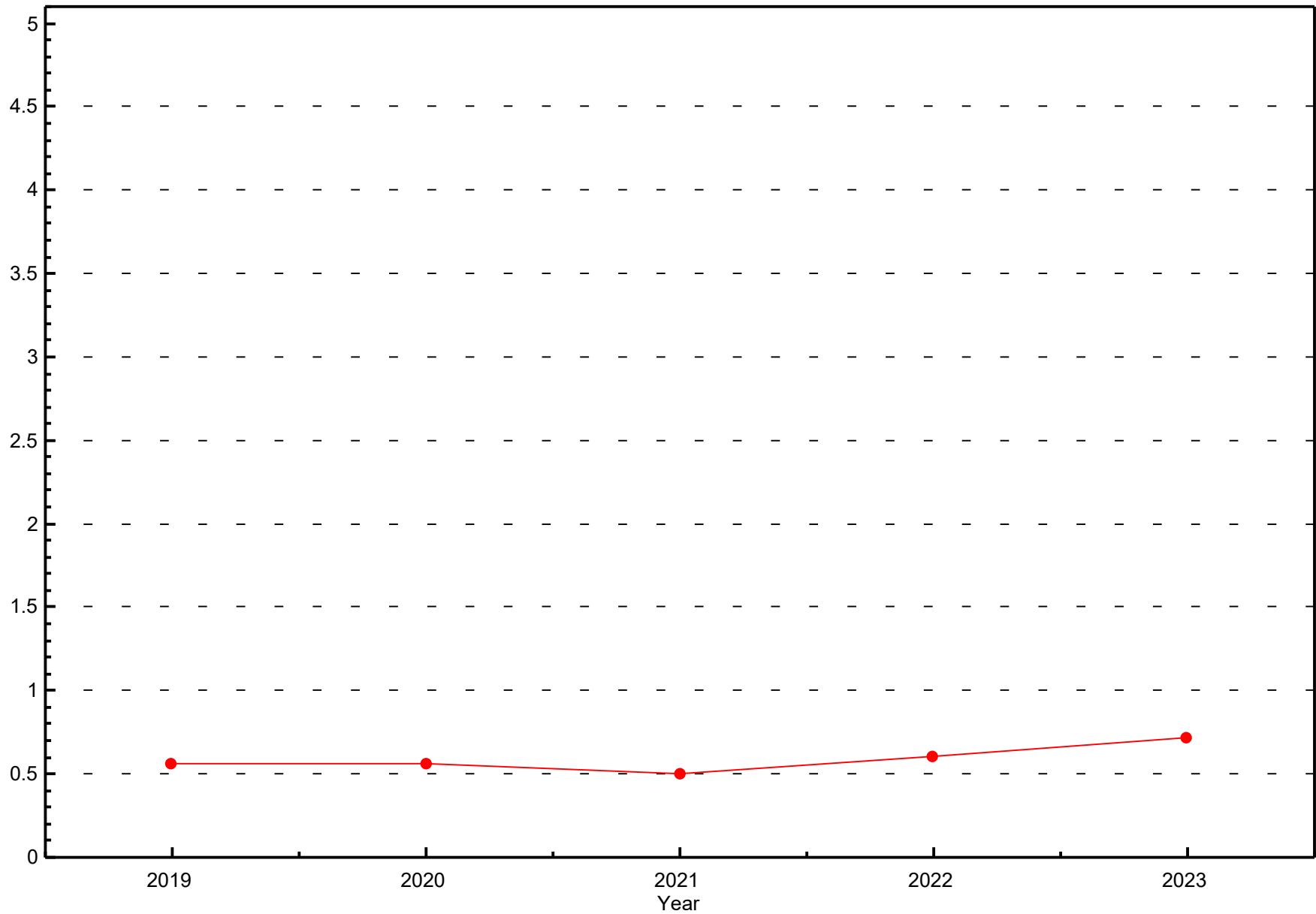
Sulphur Dioxide (SO₂) - ppb
Fort McKay South (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Anzac (2019 to 2023)

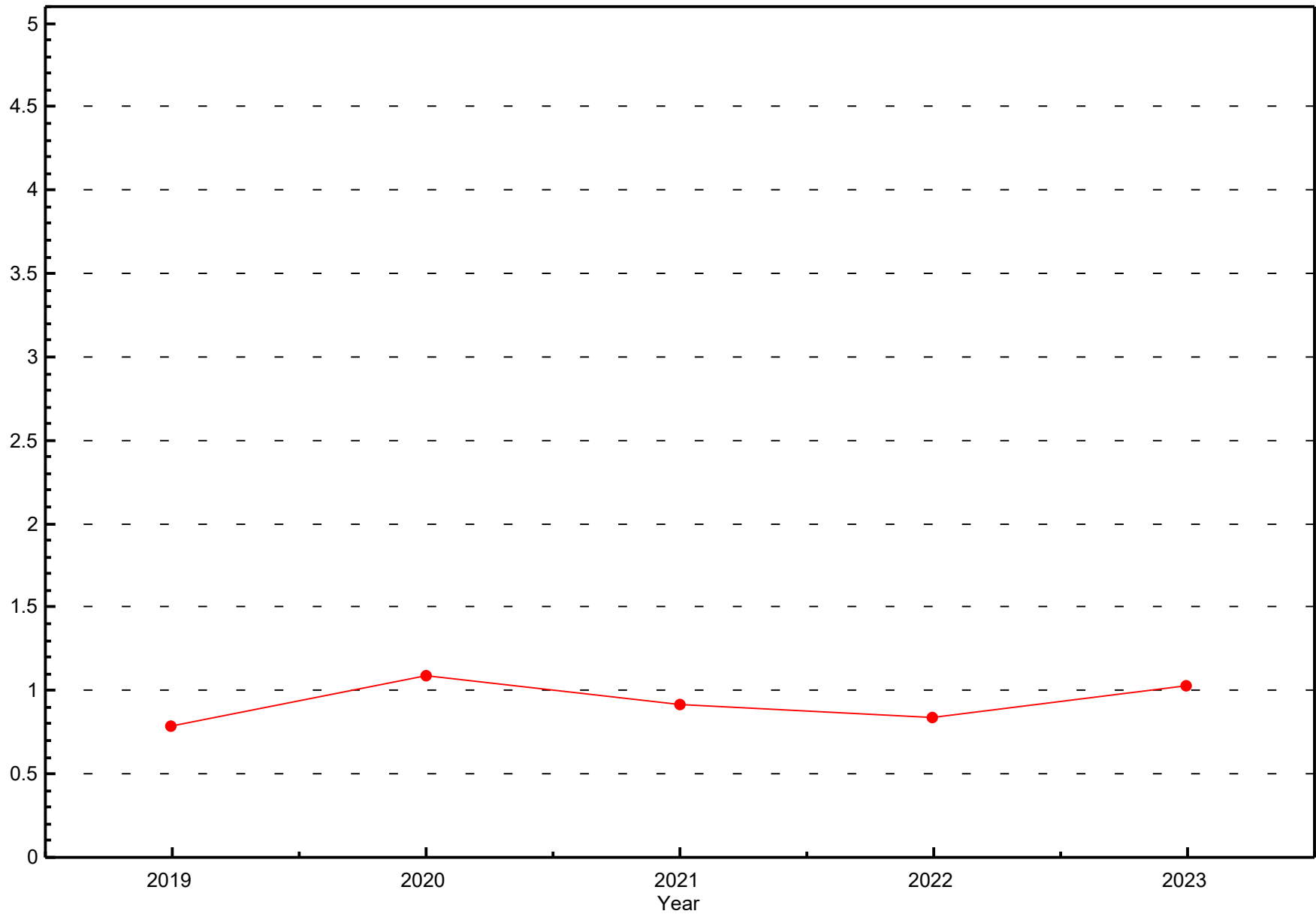




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

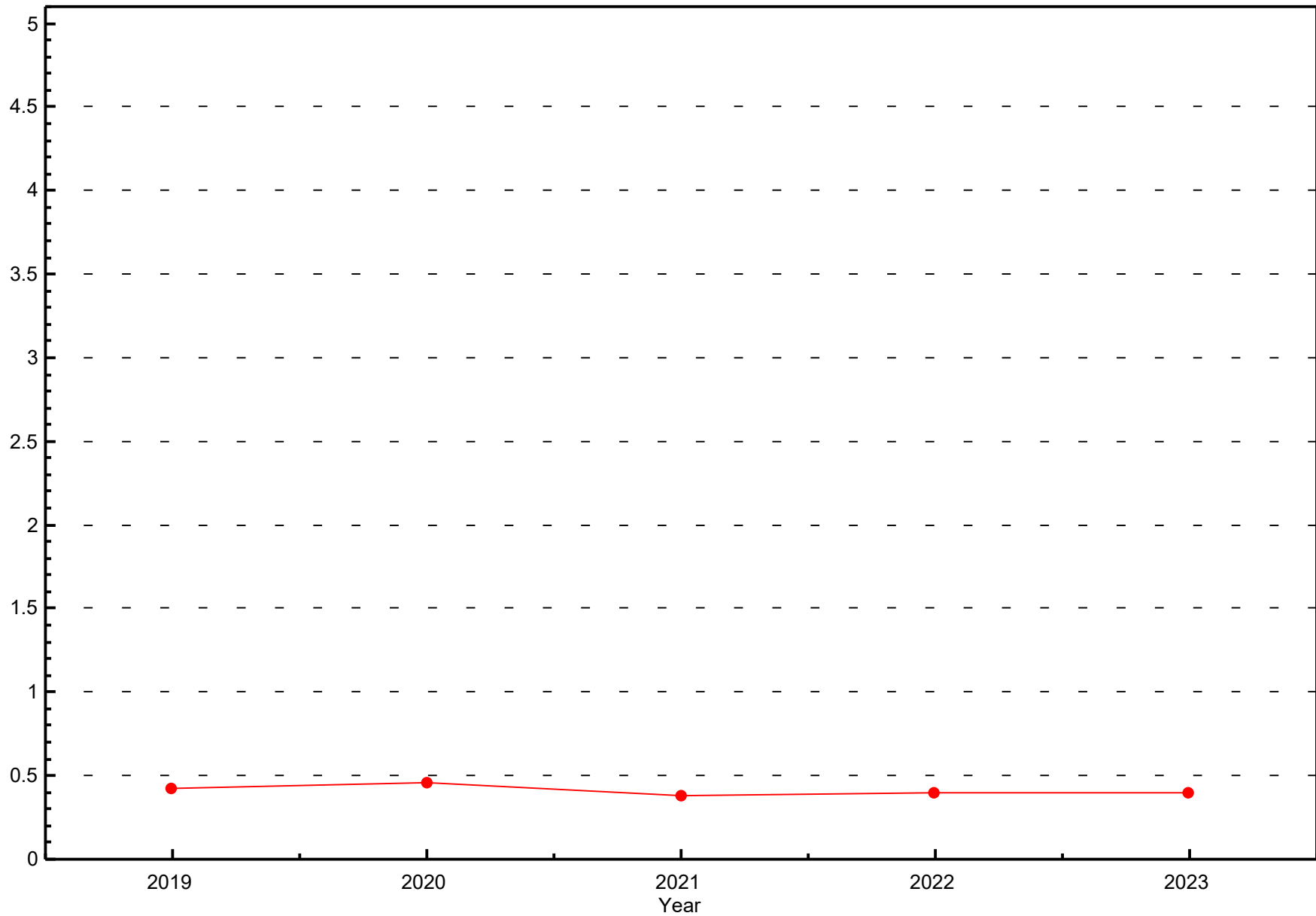
Wapasu (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Stony Mountain (2019 to 2023)

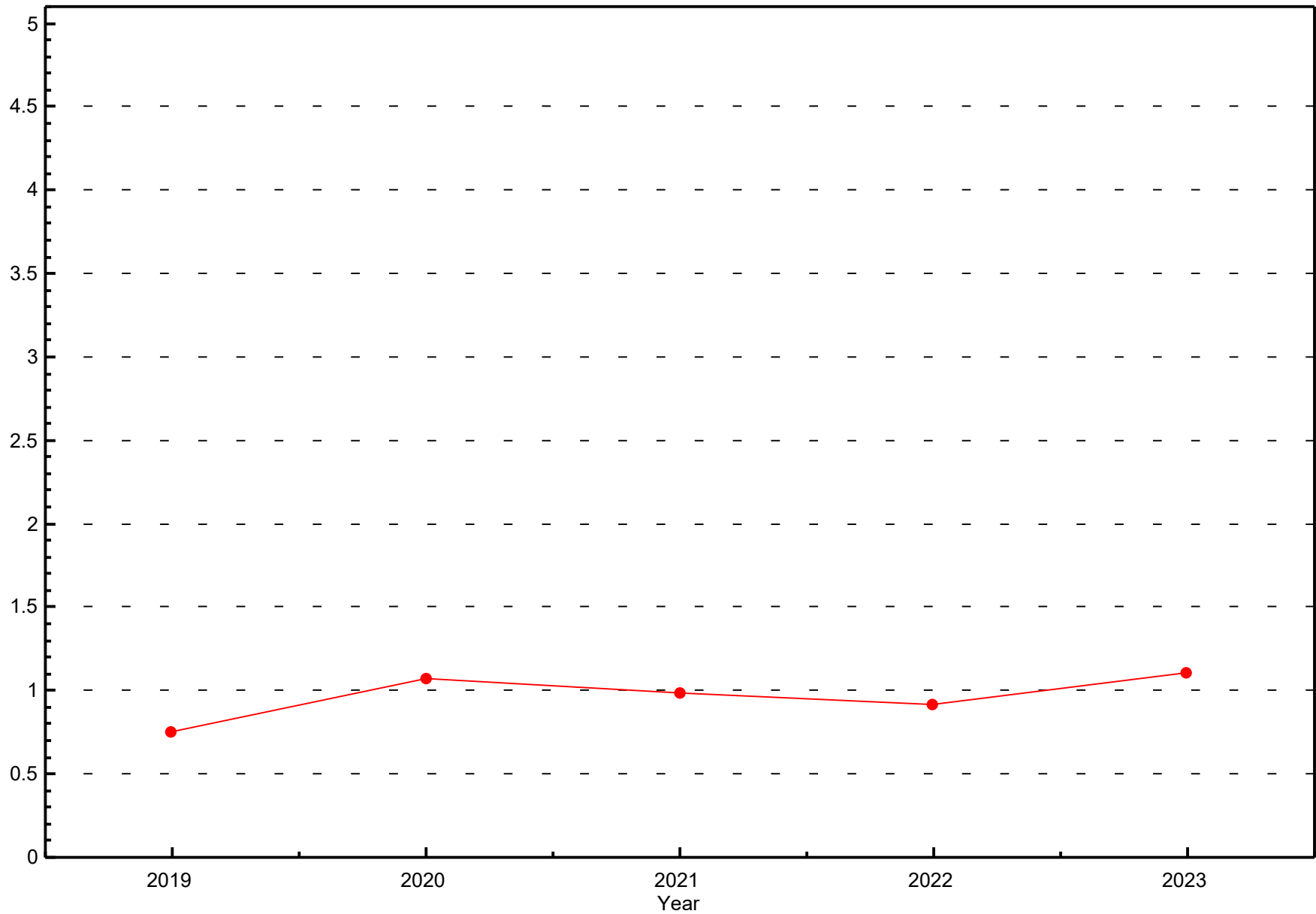




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

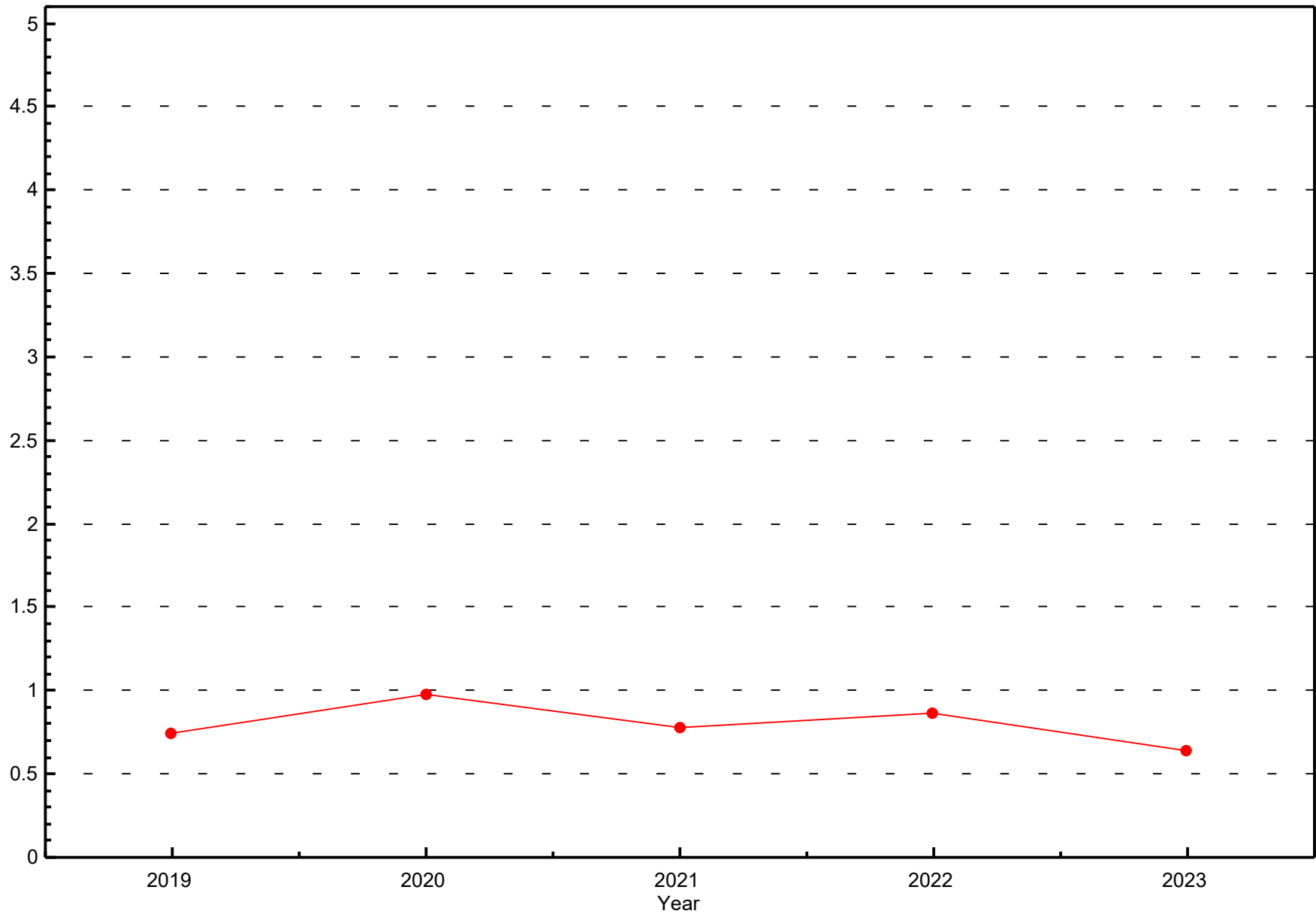
Firebag (2019 to 2023)





Yearly Averages

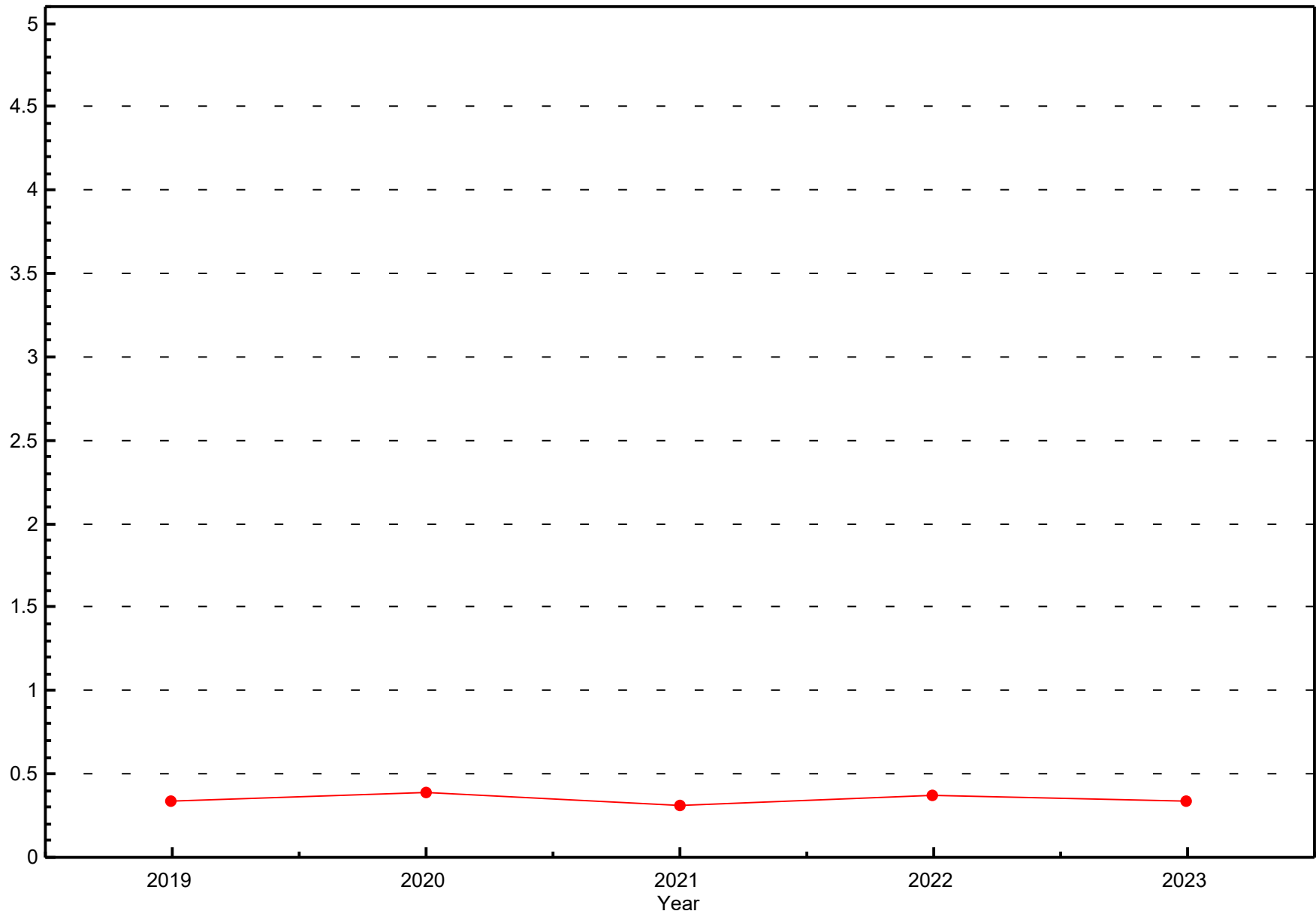
Sulphur Dioxide (SO₂) - ppb
Mackay River (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Conklin (2019 to 2023)

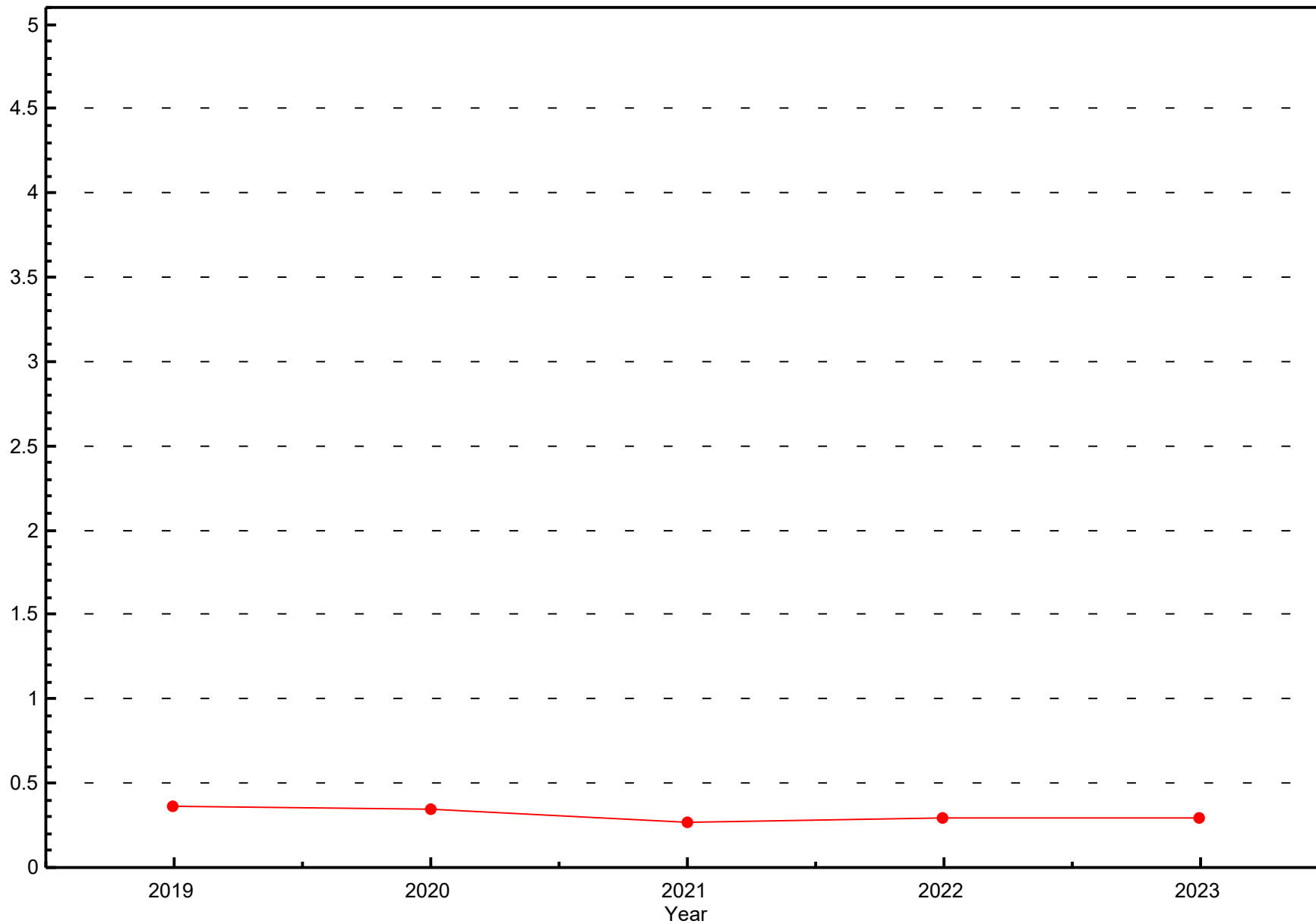




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

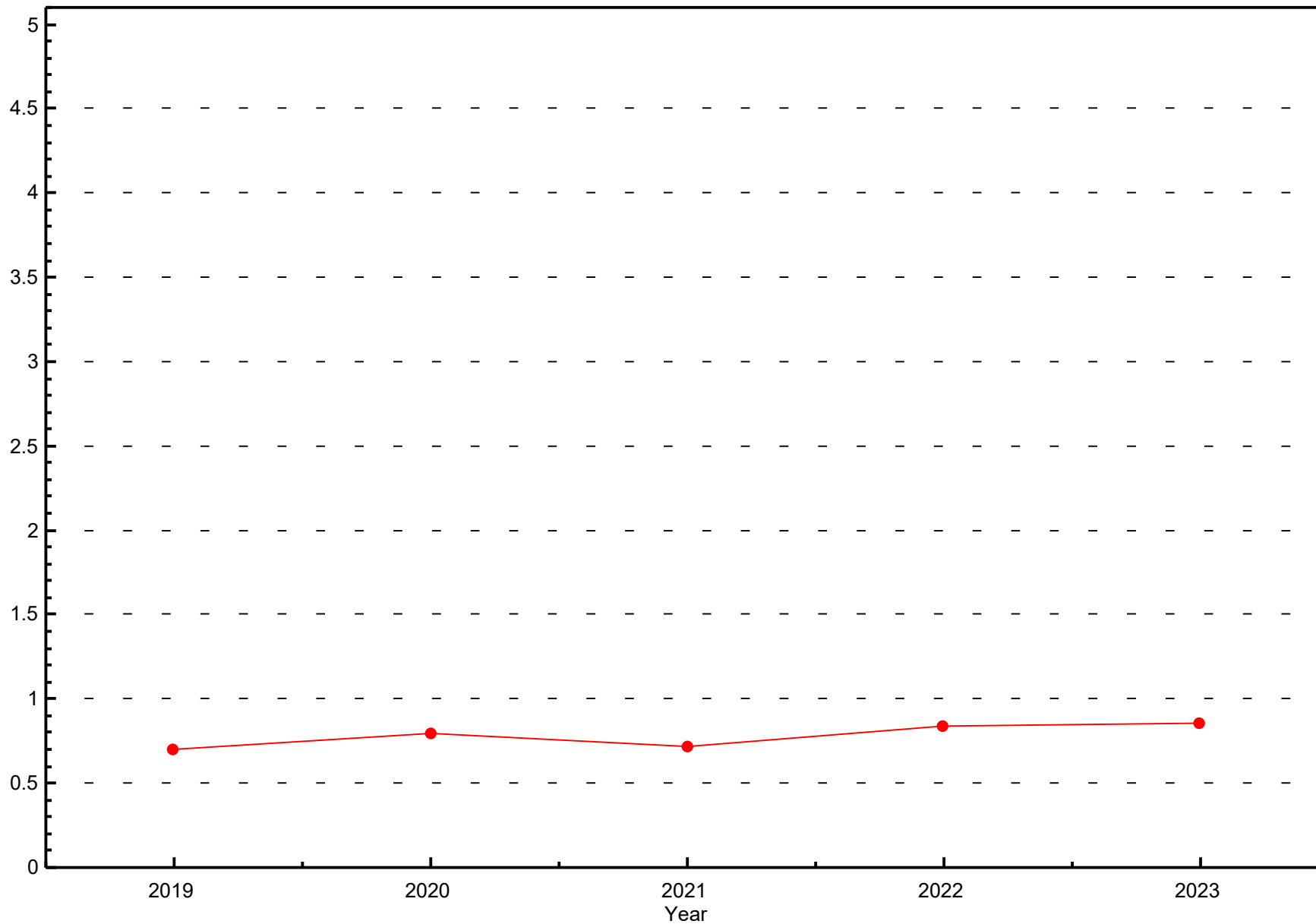
Janvier (2019 to 2023)





Yearly Averages

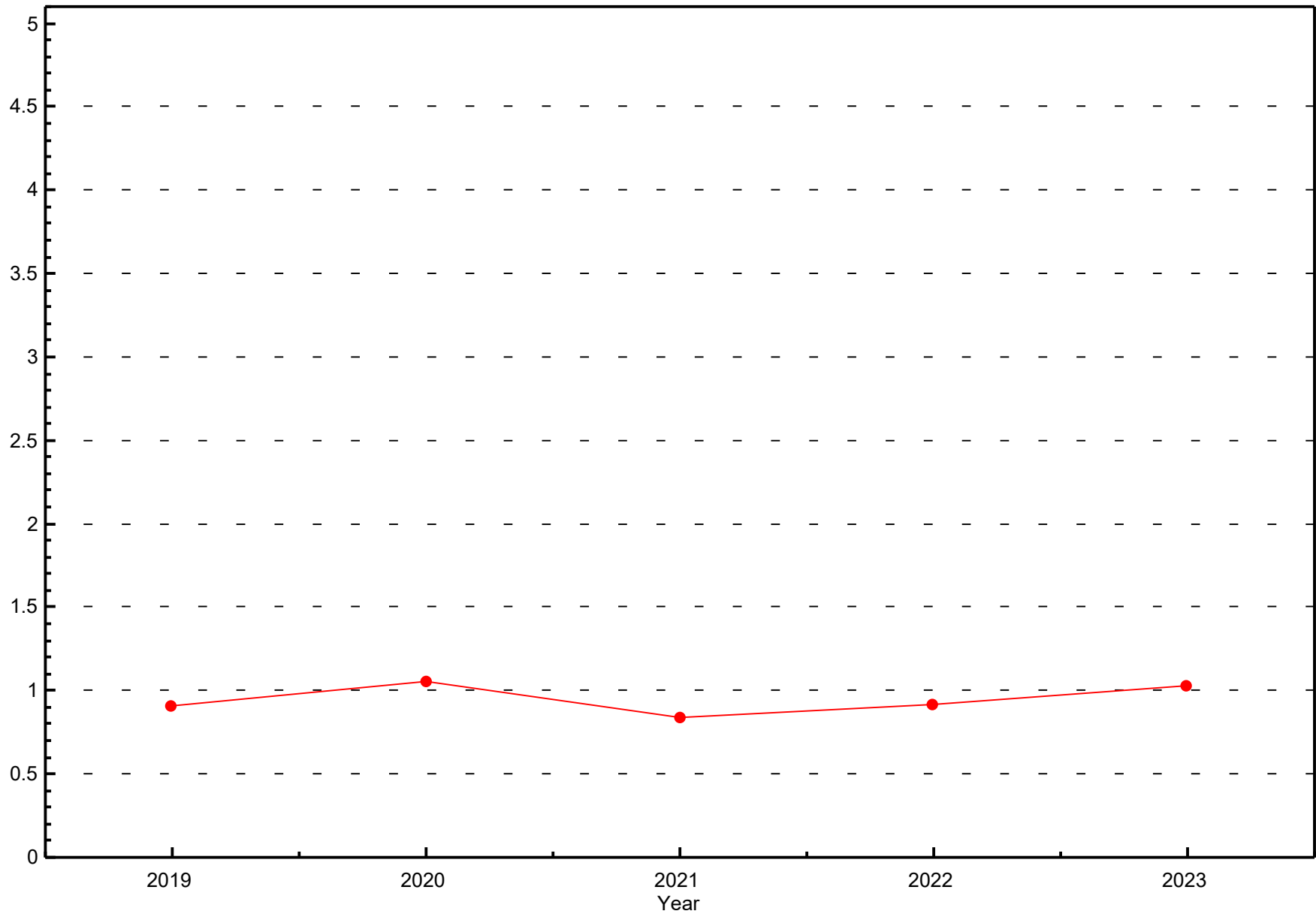
Sulphur Dioxide (SO₂) - ppb
Fort Hills (2019 to 2023)





Yearly Averages

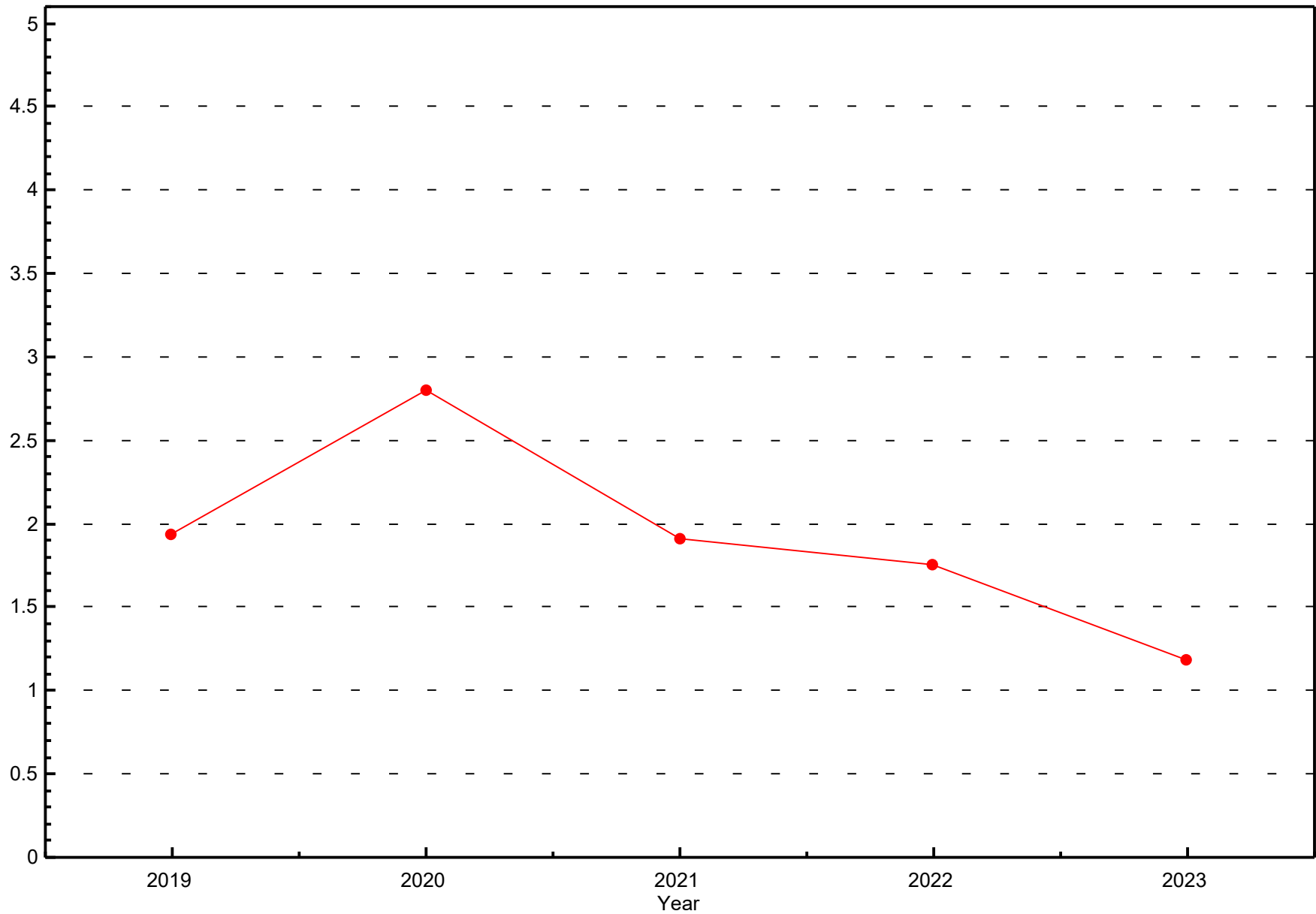
Sulphur Dioxide (SO₂) - ppb
Waskow ohci Pimatisiwin (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Christina Lake (2019 to 2023)

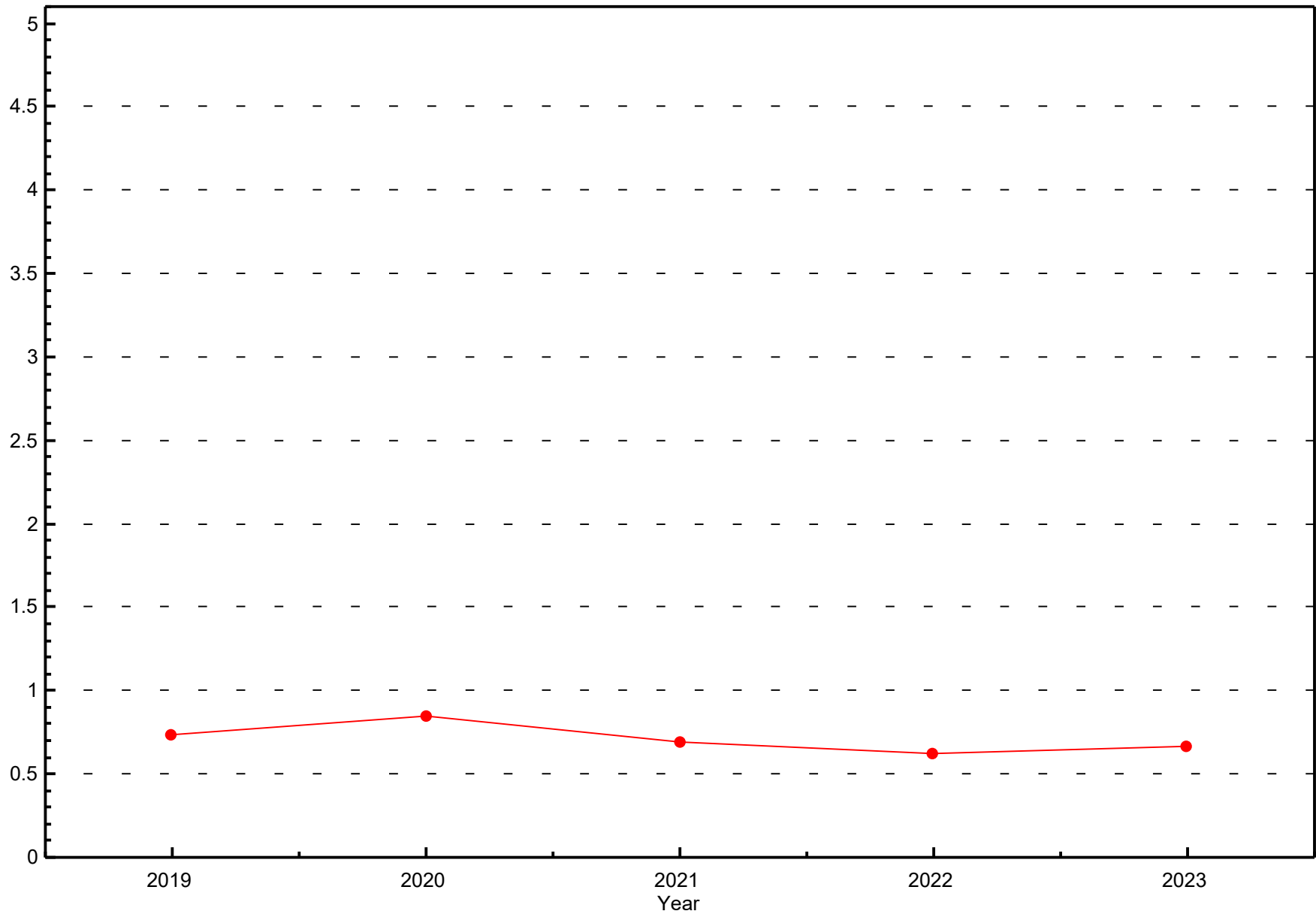




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

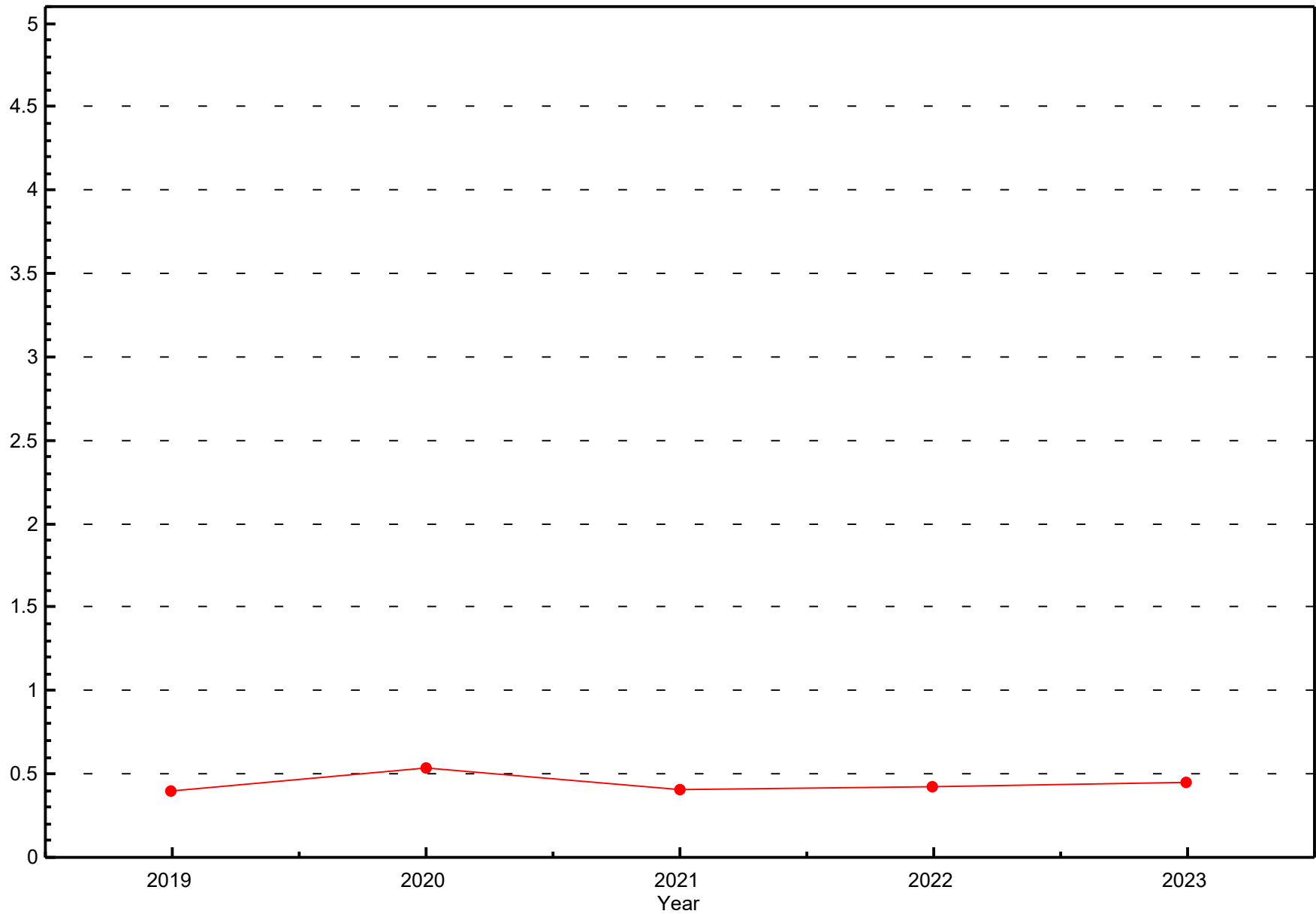
Jackfish 2/3 (2019 to 2023)





Yearly Averages

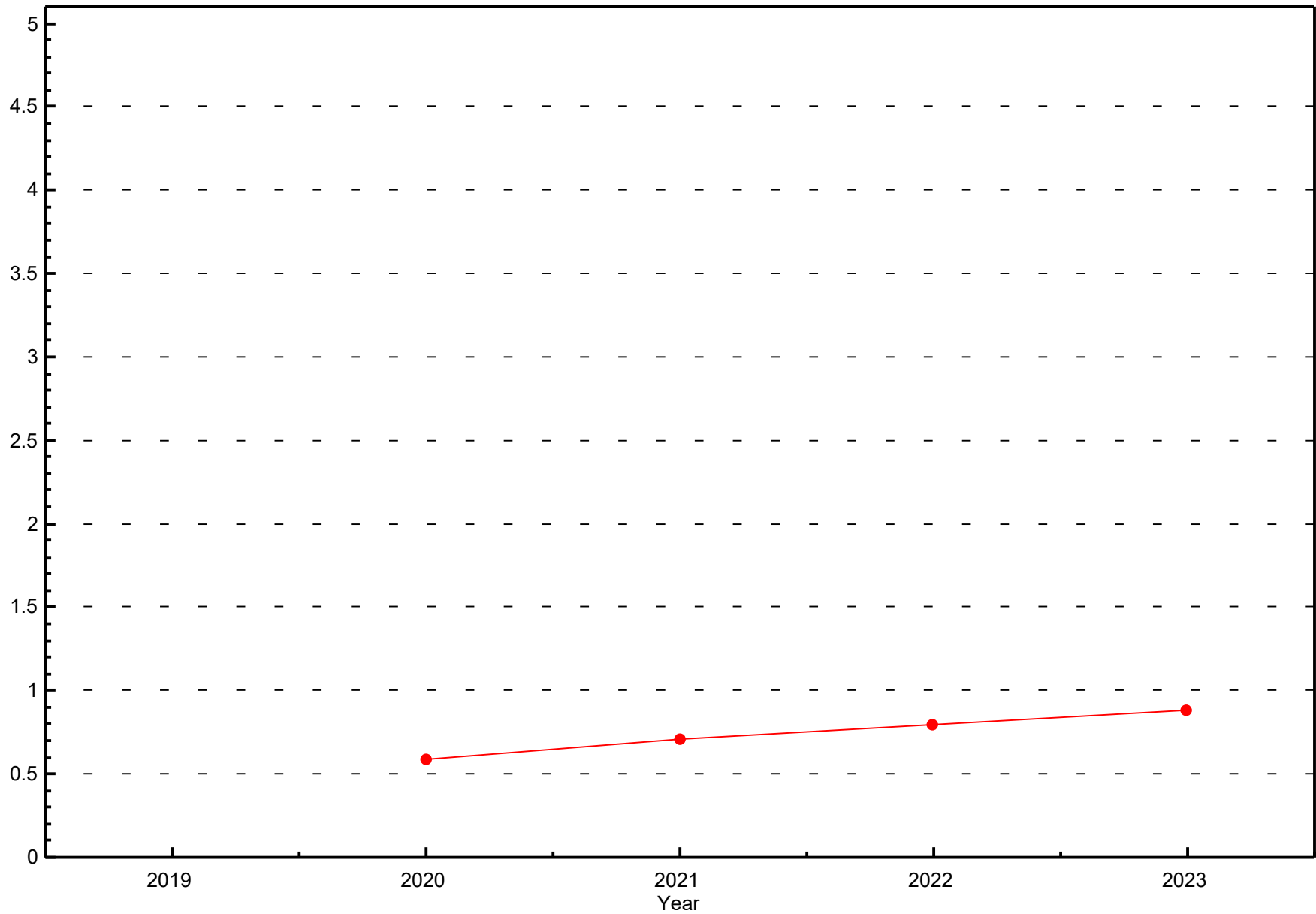
Sulphur Dioxide (SO₂) - ppb
Surmont 2 (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Ells River (2019 to 2023)

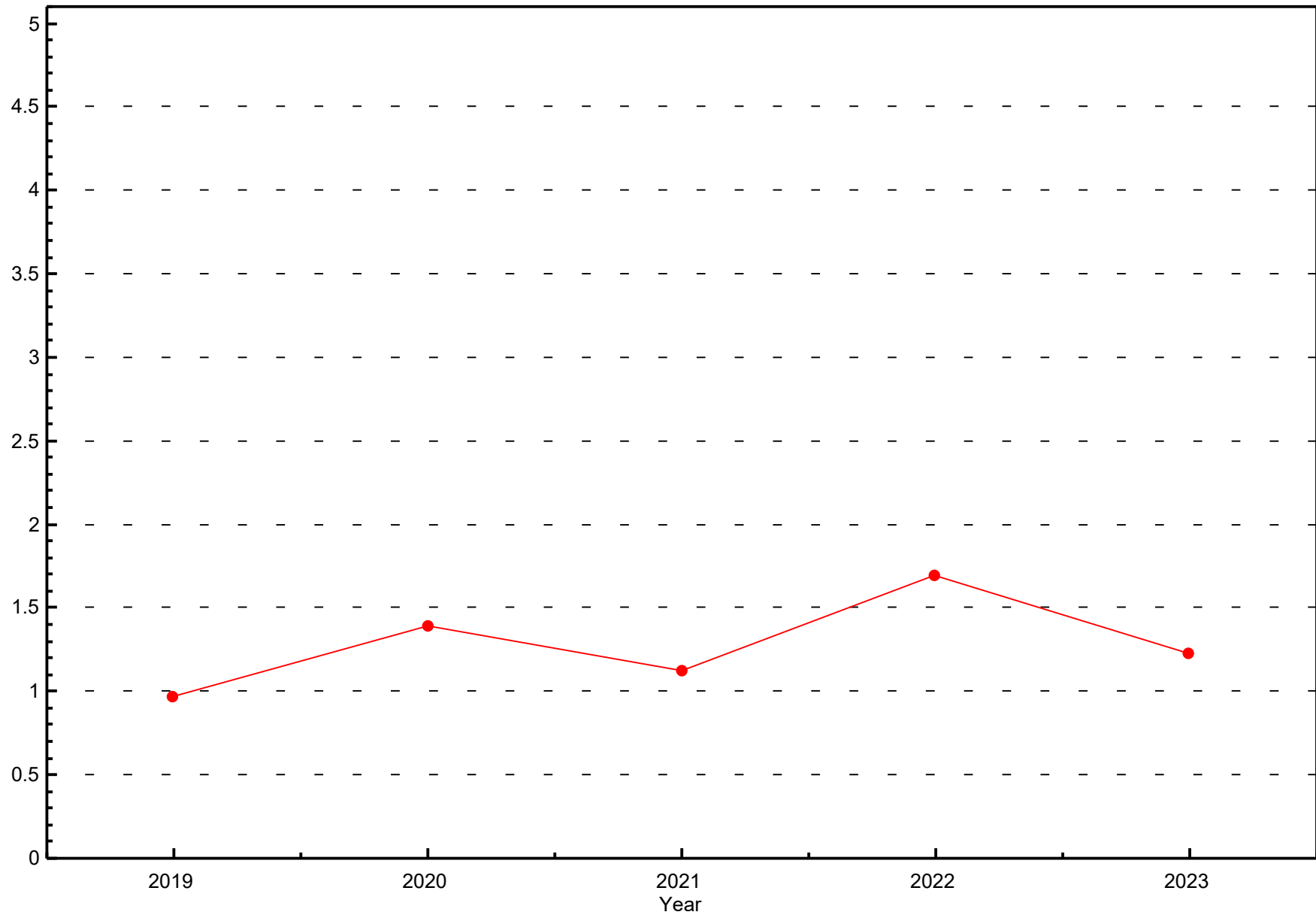




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

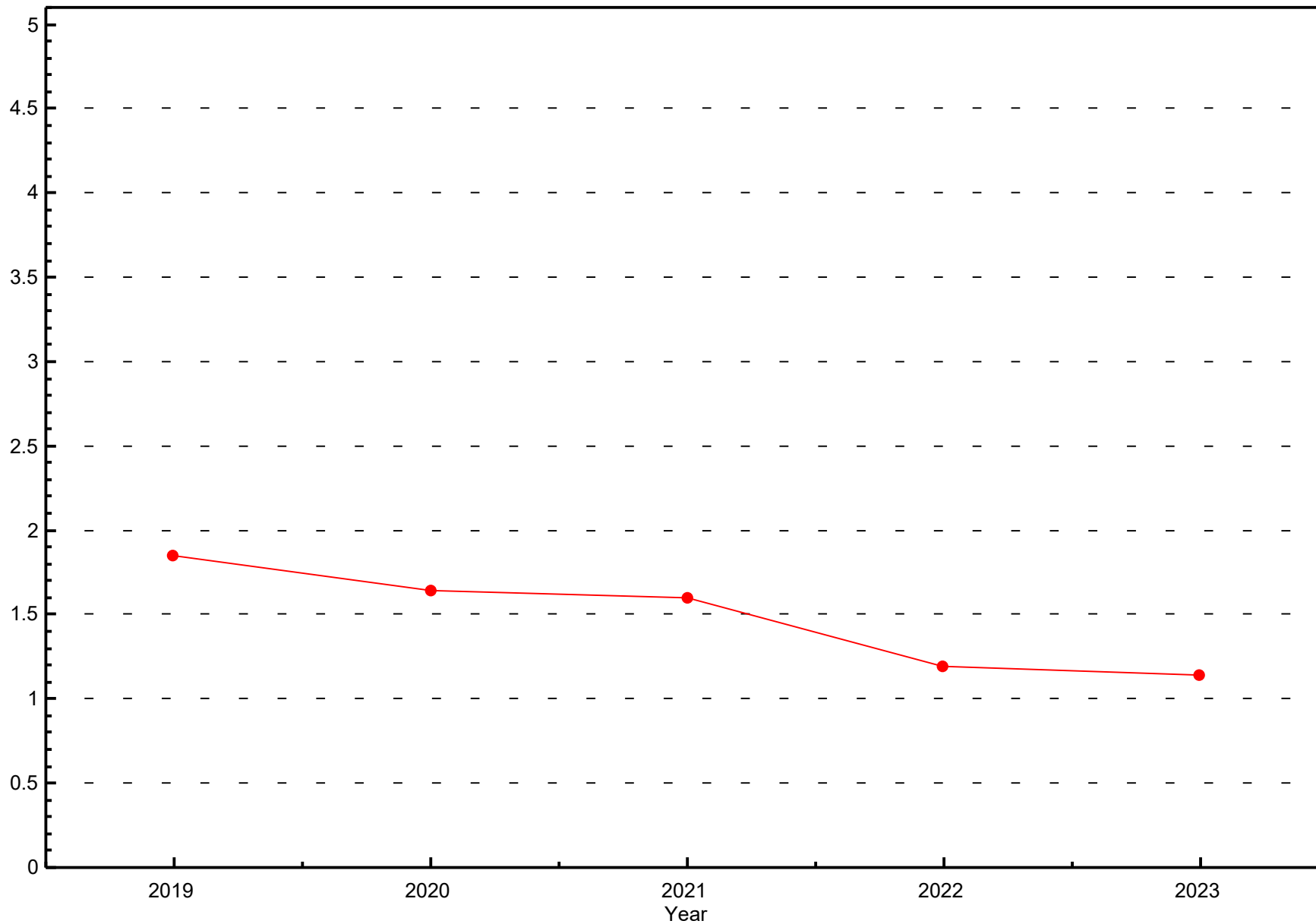
Leismer (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Sawbones Bay (2019 to 2023)

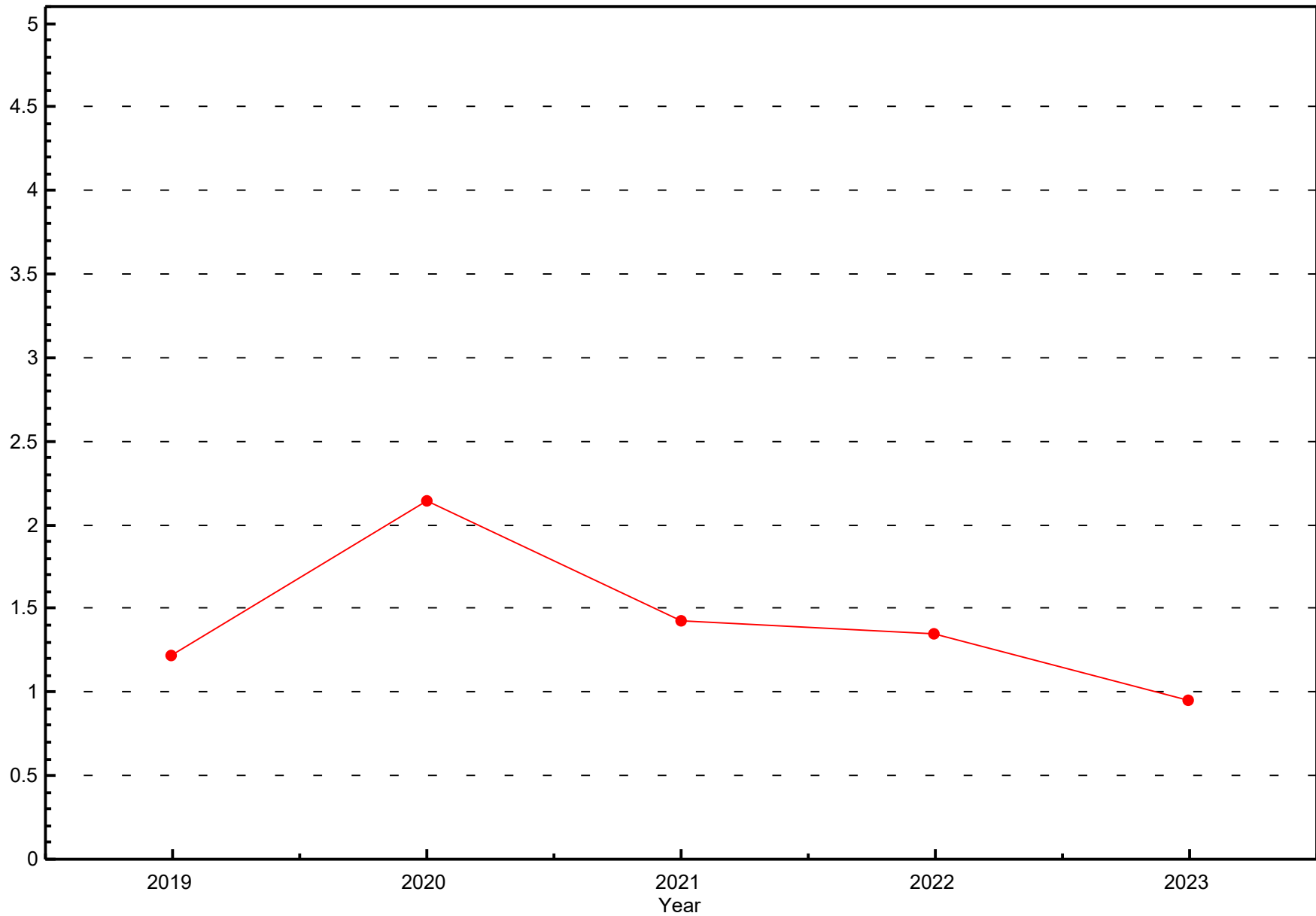




Yearly Averages

Sulphur Dioxide (SO₂) - ppb

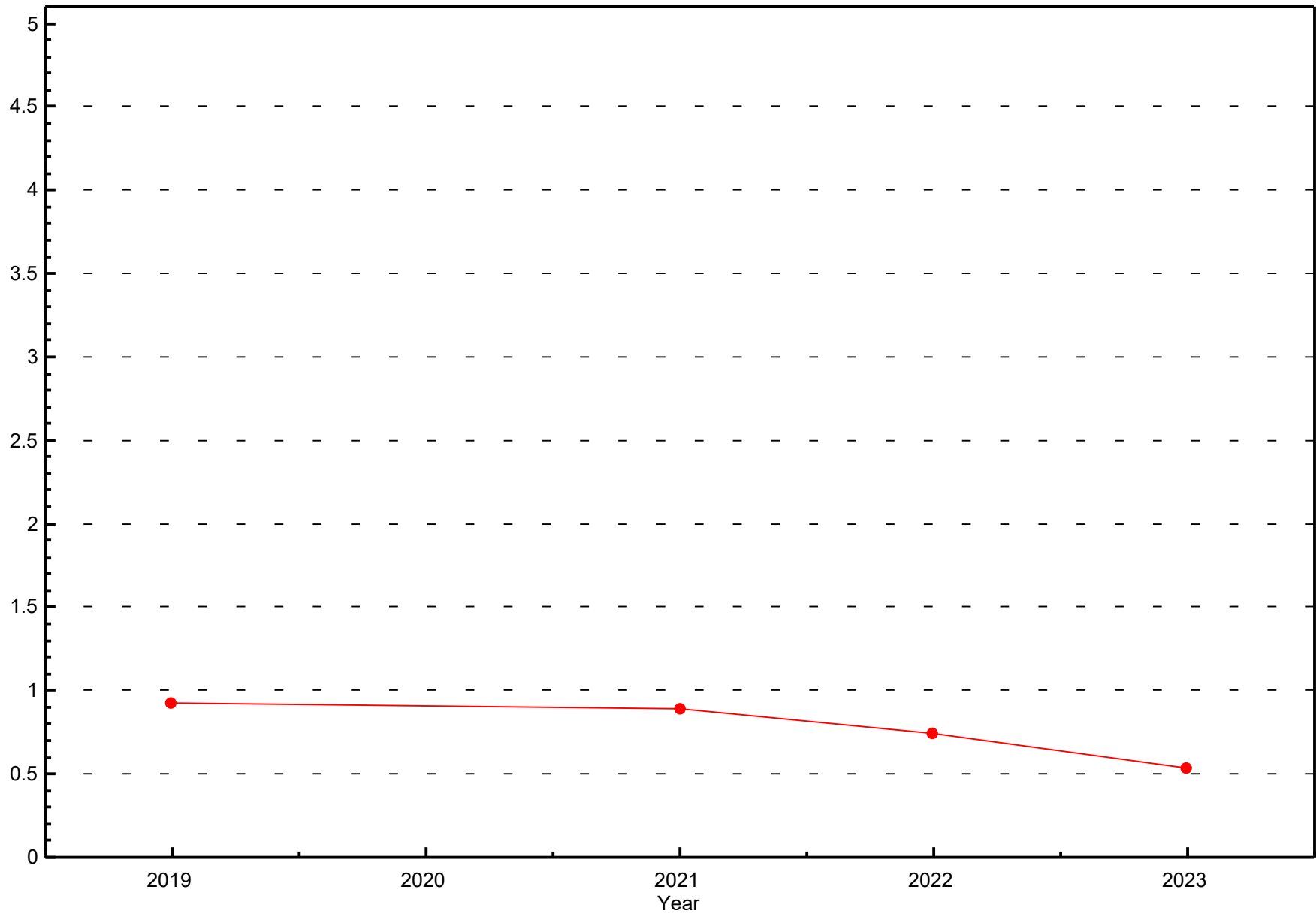
Jackfish 1 (2019 to 2023)





Yearly Averages

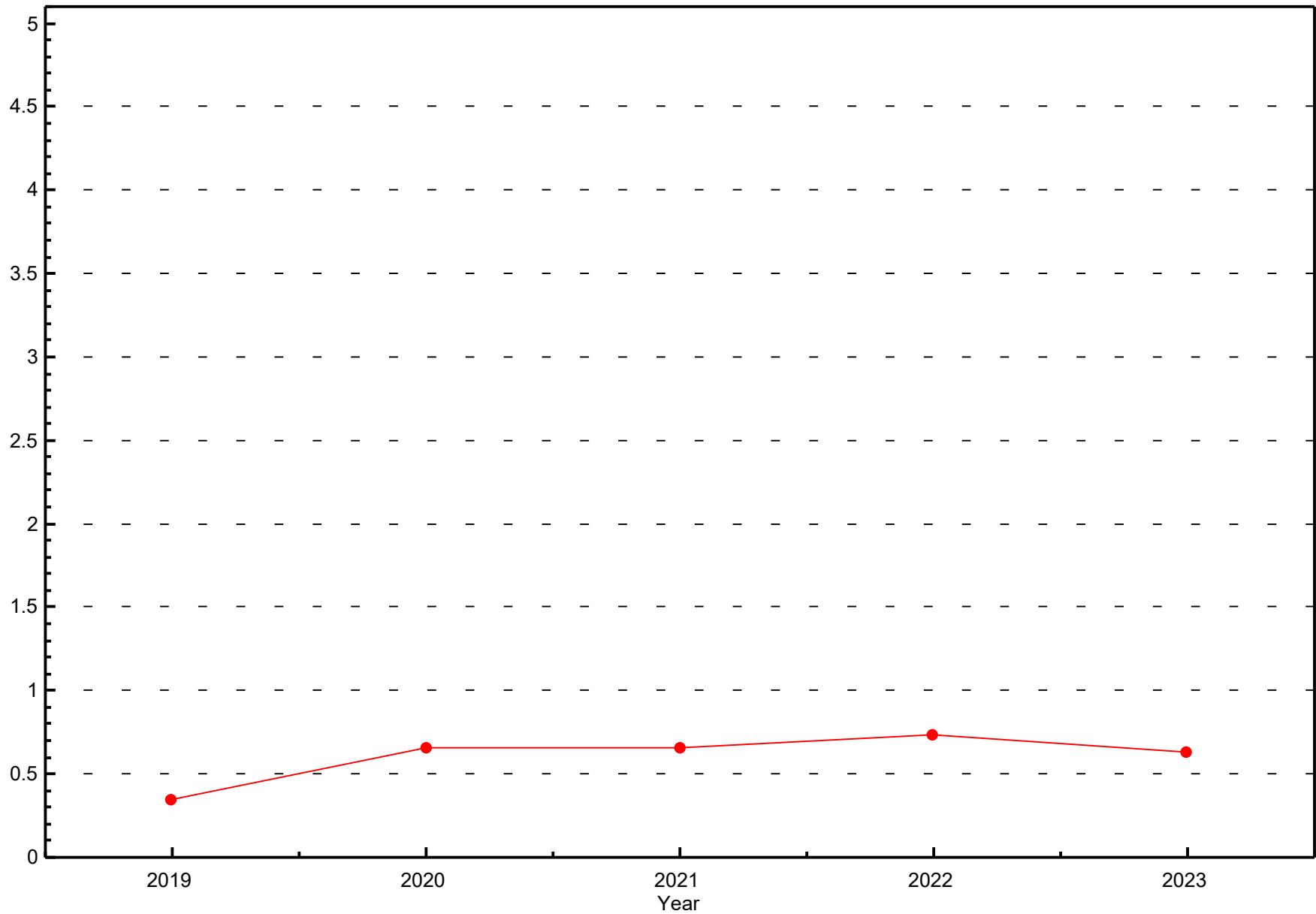
Sulphur Dioxide (SO₂) - ppb
Kirby South (2019 to 2023)





Yearly Averages

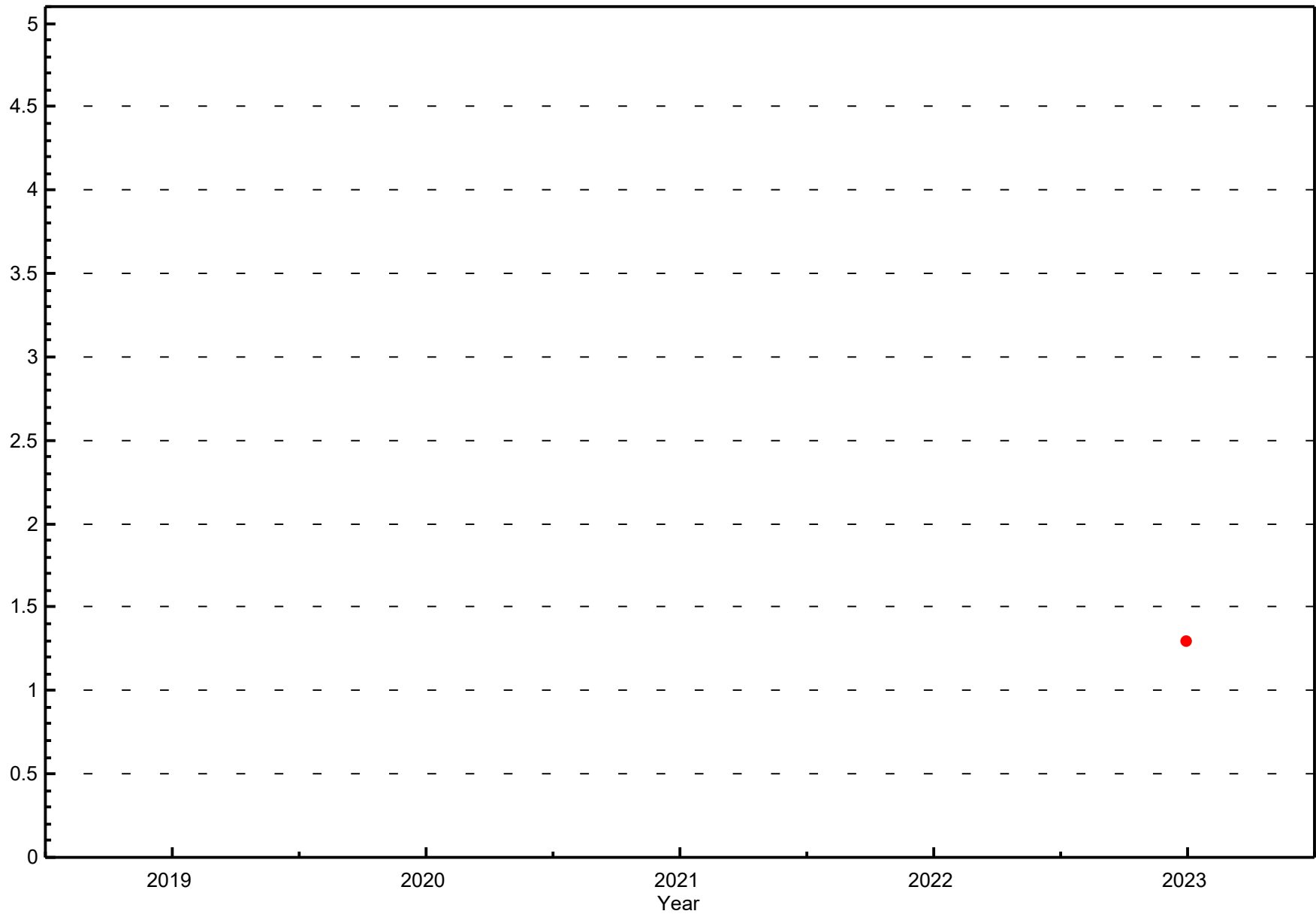
Sulphur Dioxide (SO₂) - ppb
Kirby North (2019 to 2023)





Yearly Averages

Sulphur Dioxide (SO₂) - ppb
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

HYDROGEN SULPHIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	97	684	0.5	3.2	0	1.3	0	100.0	0.0	0.0	0.0
February	100	634	0.4	3.1	0	1.2	0	100.0	0.0	0.0	0.0
March	100	703	0.3	5.4	0	1.2	0	99.7	0.3	0.0	0.0
April	98	669	0.1	1.4	0	0.4	0	100.0	0.0	0.0	0.0
May	100	705	0.3	2.9	0	0.8	0	100.0	0.0	0.0	0.0
June	96	653	0.3	2.1	0	0.7	0	100.0	0.0	0.0	0.0
July	98	689	0.3	2.8	0	0.6	0	100.0	0.0	0.0	0.0
August	100	702	0.3	2.4	0	0.9	0	100.0	0.0	0.0	0.0
September	100	681	0.4	6.3	0	0.8	0	99.7	0.3	0.0	0.0
October	100	703	0.2	3.5	0	0.5	0	100.0	0.0	0.0	0.0
November	100	682	0.3	2.3	0	1.0	0	100.0	0.0	0.0	0.0
December	100	705	0.5	3.3	0	1.6	0	100.0	0.0	0.0	0.0
Annual	99	8210	0.3	6.3	0	1.6	0	100.0	0.1	0.0	0.0



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	706	0.4	3.5	0	1.0	0	99.9	0.1	0.0	0.0
February	100	639	0.6	9.4	0	2.8	0	98.0	2.0	0.0	0.0
March	100	708	0.4	5.5	0	1.2	0	98.9	1.1	0.0	0.0
April	98	669	0.3	4.9	0	0.8	0	99.3	0.8	0.0	0.0
May	100	708	0.5	7.5	0	1.3	0	99.2	0.9	0.0	0.0
June	100	682	0.4	7.3	0	1.3	0	98.4	1.6	0.0	0.0
July	100	706	0.4	4.5	0	0.8	0	99.7	0.3	0.0	0.0
August	100	704	0.5	5.1	0	1.4	0	99.4	0.6	0.0	0.0
September	100	680	0.5	9.0	0	1.0	0	99.4	0.6	0.0	0.0
October	100	709	0.5	6.5	0	1.7	0	98.9	1.1	0.0	0.0
November	100	684	0.5	12.3	1	2.3	0	98.3	1.6	0.2	0.0
December	100	708	0.8	13.2	4	3.2	1	94.6	4.9	0.4	0.0
Annual	100	8303	0.5	13.2	5	3.2	1	98.7	1.3	0.1	0.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	707	0.3	3.2	0	1.1	0	100.0	0.0	0.0	0.0
February	100	639	0.4	7.4	0	1.7	0	99.4	0.6	0.0	0.0
March	100	710	0.2	3.0	0	0.7	0	100.0	0.0	0.0	0.0
April	100	685	0.1	2.8	0	0.4	0	100.0	0.0	0.0	0.0
May	100	707	0.2	2.7	0	0.5	0	100.0	0.0	0.0	0.0
June	100	684	0.3	4.4	0	0.8	0	99.7	0.3	0.0	0.0
July	100	706	0.3	5.6	0	0.9	0	99.7	0.3	0.0	0.0
August	100	709	0.3	2.8	0	1.3	0	100.0	0.0	0.0	0.0
September	100	686	0.2	2.3	0	0.6	0	100.0	0.0	0.0	0.0
October	100	709	0.2	5.7	0	0.9	0	99.3	0.7	0.0	0.0
November	100	684	0.2	11.8	1	0.9	0	99.7	0.2	0.2	0.0
December	100	709	0.2	2.9	0	1.2	0	100.0	0.0	0.0	0.0
Annual	100	8335	0.3	11.8	1	1.7	0	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
January	100	707	0.8	45.9	7	10.2	1	97.9	1.1	1.0	0.0
February	100	639	0.7	5.0	0	1.9	0	98.3	1.7	0.0	0.0
March	99	704	0.5	6.2	0	1.5	0	98.6	1.4	0.0	0.0
April	100	685	0.3	6.8	0	1.5	0	99.4	0.6	0.0	0.0
May	100	706	0.4	5.6	0	1.7	0	99.2	0.9	0.0	0.0
June	100	684	0.5	5.1	0	1.5	0	98.7	1.3	0.0	0.0
July	100	708	0.7	16.1	5	2.5	0	96.6	2.7	0.7	0.0
August	100	708	0.7	14.3	2	2.9	0	96.8	3.0	0.3	0.0
September	100	682	0.4	10.3	1	1.5	0	99.6	0.4	0.0	0.0
October	100	706	0.3	9.9	0	2.0	0	99.6	0.4	0.0	0.0
November	100	683	0.3	4.0	0	1.0	0	99.7	0.3	0.0	0.0
December	100	706	0.4	12.9	1	2.4	0	98.6	1.3	0.1	0.0
Annual	100	8318	0.5	45.9	16	10.2	1	98.6	1.2	0.2	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
January	100	653	0.2	1.9	0	0.8	0	100.0	0.0	0.0	0.0
February	100	637	0.3	1.8	0	0.7	0	100.0	0.0	0.0	0.0
March	100	707	0.2	1.5	0	0.4	0	100.0	0.0	0.0	0.0
April	100	684	0.1	0.6	0	0.2	0	100.0	0.0	0.0	0.0
May	99	692	0.1	1.1	0	0.3	0	100.0	0.0	0.0	0.0
June	100	261	0.2	1.7	0	0.4	0	100.0	0.0	0.0	0.0
Annual	100	3634	0.2	1.9	0	0.8	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	709	0.6	15.0	3	2.7	0	99.2	0.4	0.4	0.0
February	100	639	0.6	9.4	0	1.8	0	98.4	1.6	0.0	0.0
March	99	700	0.5	13.8	2	1.8	0	99.0	0.7	0.3	0.0
April	100	683	0.4	9.7	0	1.3	0	98.2	1.8	0.0	0.0
May	100	706	1.0	29.3	13	4.0	2	95.0	3.3	1.7	0.0
June	100	686	0.6	12.7	1	1.6	0	97.7	2.2	0.2	0.0
July	99	698	0.9	13.8	3	2.6	0	96.0	3.6	0.4	0.0
August	99	703	0.8	16.4	2	2.9	0	96.4	3.3	0.3	0.0
September	100	686	0.9	24.6	1	1.9	0	96.7	3.2	0.2	0.0
October	100	706	0.5	19.5	3	3.0	0	98.3	1.3	0.4	0.0
November	100	684	0.6	29.8	4	3.3	1	96.6	2.8	0.6	0.0
December	100	707	0.9	35.8	4	3.9	1	97.0	2.4	0.6	0.0
Annual	100	8307	0.7	35.8	36	4.0	4	97.5	2.1	0.4	0.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	708	0.2	2.9	0	0.9	0	100.0	0.0	0.0	0.0
February	100	638	0.2	1.9	0	0.5	0	100.0	0.0	0.0	0.0
March	100	707	0.1	0.8	0	0.4	0	100.0	0.0	0.0	0.0
April	100	684	0.1	0.8	0	0.2	0	100.0	0.0	0.0	0.0
May	100	708	0.1	1.0	0	0.3	0	100.0	0.0	0.0	0.0
June	100	684	0.1	1.0	0	0.5	0	100.0	0.0	0.0	0.0
July	100	707	0.2	1.6	0	0.5	0	100.0	0.0	0.0	0.0
August	100	708	0.2	3.7	0	0.5	0	99.9	0.1	0.0	0.0
September	100	683	0.2	1.3	0	0.6	0	100.0	0.0	0.0	0.0
October	100	708	0.1	0.7	0	0.2	0	100.0	0.0	0.0	0.0
November	100	684	0.2	0.7	0	0.3	0	100.0	0.0	0.0	0.0
December	100	707	0.2	0.9	0	0.4	0	100.0	0.0	0.0	0.0
Annual	100	8326	0.1	3.7	0	0.9	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	97	685	0.2	2.8	0	0.6	0	100.0	0.0	0.0	0.0
February	100	639	0.2	3.4	0	0.7	0	100.0	0.0	0.0	0.0
March	100	707	0.2	2.6	0	0.8	0	100.0	0.0	0.0	0.0
April	100	686	0.1	4.2	0	0.5	0	99.9	0.2	0.0	0.0
May	100	708	0.2	4.9	0	0.4	0	99.9	0.1	0.0	0.0
June	92	620	0.2	3.6	0	0.4	0	99.8	0.2	0.0	0.0
July	100	709	0.3	5.7	0	0.7	0	99.4	0.6	0.0	0.0
August	100	707	0.2	4.2	0	0.5	0	99.9	0.1	0.0	0.0
September	100	684	0.3	2.4	0	0.6	0	100.0	0.0	0.0	0.0
October	100	706	0.1	8.8	0	1.0	0	99.7	0.3	0.0	0.0
November	100	685	0.2	2.1	0	0.5	0	100.0	0.0	0.0	0.0
December	100	707	0.2	3.3	0	0.4	0	100.0	0.0	0.0	0.0
Annual	99	8243	0.2	8.8	0	1.0	0	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	708	0.3	3.0	0	0.5	0	100.0	0.0	0.0	0.0
February	100	636	0.4	2.2	0	0.9	0	100.0	0.0	0.0	0.0
March	99	700	0.3	3.2	0	0.6	0	100.0	0.0	0.0	0.0
April	99	681	0.2	1.7	0	0.4	0	100.0	0.0	0.0	0.0
May	97	686	0.3	3.8	0	0.8	0	99.9	0.2	0.0	0.0
June	100	685	0.2	2.7	0	0.6	0	100.0	0.0	0.0	0.0
July	100	709	0.3	4.5	0	0.9	0	99.7	0.3	0.0	0.0
August	100	706	0.2	2.8	0	0.7	0	100.0	0.0	0.0	0.0
September	100	685	0.2	2.1	0	0.6	0	100.0	0.0	0.0	0.0
October	97	683	0.1	1.1	0	0.3	0	100.0	0.0	0.0	0.0
November	100	685	0.1	1.3	0	0.3	0	100.0	0.0	0.0	0.0
December	100	708	0.1	0.9	0	0.3	0	100.0	0.0	0.0	0.0
Annual	99	8272	0.2	4.5	0	0.9	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Waskow ohci Pimatisiwin (AMS25)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	85	603	0.5	3.2	0	1.3	0	100.0	0.0	0.0	0.0
February	0	0	-9999.0	-9999.0	0	-9999.0	0	0.0	0.0	0.0	0.0
March	51	358	0.4	2.0	0	0.9	0	100.0	0.0	0.0	0.0
April	99	680	0.2	1.5	0	0.5	0	100.0	0.0	0.0	0.0
May	99	697	0.3	2.7	0	0.8	0	100.0	0.0	0.0	0.0
June	95	647	0.3	2.1	0	0.7	0	100.0	0.0	0.0	0.0
July	100	706	0.3	2.0	0	0.5	0	100.0	0.0	0.0	0.0
August	100	708	0.3	2.3	0	0.9	0	100.0	0.0	0.0	0.0
September	100	683	0.4	5.3	0	0.9	0	99.9	0.2	0.0	0.0
October	100	707	0.2	2.8	0	0.5	0	100.0	0.0	0.0	0.0
November	100	685	0.3	1.8	0	0.9	0	100.0	0.0	0.0	0.0
December	100	706	0.5	3.3	0	1.7	0	100.0	0.0	0.0	0.0
Annual	86	7180	0.3	5.3	0	1.7	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	707	0.2	1.4	0	0.6	0	100.0	0.0	0.0	0.0
February	100	637	0.1	1.0	0	0.3	0	100.0	0.0	0.0	0.0
March	100	706	0.1	1.2	0	0.3	0	100.0	0.0	0.0	0.0
April	100	685	0.1	1.5	0	0.5	0	100.0	0.0	0.0	0.0
May	100	705	0.3	2.7	0	0.7	0	100.0	0.0	0.0	0.0
June	97	665	0.3	3.5	0	0.6	0	99.9	0.2	0.0	0.0
July	100	705	0.3	3.8	0	0.7	0	99.9	0.1	0.0	0.0
August	99	704	0.3	2.7	0	0.8	0	100.0	0.0	0.0	0.0
September	100	685	0.3	1.4	0	0.8	0	100.0	0.0	0.0	0.0
October	100	706	0.2	1.2	0	0.4	0	100.0	0.0	0.0	0.0
November	100	686	0.2	0.9	0	0.5	0	100.0	0.0	0.0	0.0
December	99	704	0.2	1.1	0	0.5	0	100.0	0.0	0.0	0.0
Annual	99	8295	0.2	3.8	0	0.8	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	99	703	0.2	1.3	0	0.4	0	100.0	0.0	0.0	0.0
February	100	636	0.2	1.5	0	0.3	0	100.0	0.0	0.0	0.0
March	100	705	0.2	0.6	0	0.2	0	100.0	0.0	0.0	0.0
April	99	681	0.2	0.7	0	0.3	0	100.0	0.0	0.0	0.0
May	100	706	0.2	1.0	0	0.4	0	100.0	0.0	0.0	0.0
June	99	675	0.2	2.0	0	0.4	0	100.0	0.0	0.0	0.0
July	100	708	0.2	1.3	0	0.4	0	100.0	0.0	0.0	0.0
August	100	709	0.2	0.8	0	0.5	0	100.0	0.0	0.0	0.0
September	100	685	0.3	1.0	0	0.6	0	100.0	0.0	0.0	0.0
October	100	708	0.2	0.9	0	0.5	0	100.0	0.0	0.0	0.0
November	100	685	0.2	3.8	0	0.8	0	99.9	0.2	0.0	0.0
December	98	691	0.2	0.8	0	0.4	0	100.0	0.0	0.0	0.0
Annual	99	8292	0.2	3.8	0	0.8	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
January	100	707	0.1	0.6	0	0.2	0	100.0	0.0	0.0	0.0
February	100	638	0.1	1.1	0	0.5	0	100.0	0.0	0.0	0.0
March	96	679	0.1	0.4	0	0.3	0	100.0	0.0	0.0	0.0
April	100	682	0.1	0.2	0	0.1	0	100.0	0.0	0.0	0.0
May	100	707	0.1	0.9	0	0.3	0	100.0	0.0	0.0	0.0
June	100	681	0.1	0.6	0	0.2	0	100.0	0.0	0.0	0.0
July	100	707	0.2	0.9	0	0.3	0	100.0	0.0	0.0	0.0
August	100	706	0.2	1.0	0	0.5	0	100.0	0.0	0.0	0.0
September	98	669	0.2	1.1	0	0.5	0	100.0	0.0	0.0	0.0
October	100	706	0.1	0.2	0	0.1	0	100.0	0.0	0.0	0.0
November	100	686	0.1	0.3	0	0.1	0	100.0	0.0	0.0	0.0
December	100	706	0.1	0.5	0	0.2	0	100.0	0.0	0.0	0.0
Annual	99	8274	0.1	1.1	0	0.5	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
October	100	706	0.3	8.0	0	4.0	1	97.6	2.4	0.0	0.0
November	100	685	0.1	2.7	0	0.7	0	100.0	0.0	0.0	0.0
December	100	708	0.1	0.9	0	0.3	0	100.0	0.0	0.0	0.0
Annual	100	2099	0.2	8.0	0	4.0	1	99.2	0.8	0.0	0.0



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
July	99	704	0.2	2.6	0	0.8	0	100.0	0.0	0.0	0.0
August	100	708	0.2	1.7	0	0.5	0	100.0	0.0	0.0	0.0
September	100	685	0.3	1.6	0	0.9	0	100.0	0.0	0.0	0.0
October	100	708	0.2	1.6	0	0.3	0	100.0	0.0	0.0	0.0
November	100	686	0.2	2.0	0	0.8	0	100.0	0.0	0.0	0.0
December	100	707	0.2	1.9	0	0.9	0	100.0	0.0	0.0	0.0
Annual	100	4198	0.2	2.6	0	0.9	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
January	99	703	0.2	1.3	0	0.4	0	100.0	0.0	0.0	0.0
February	91	578	0.1	0.7	0	0.2	0	100.0	0.0	0.0	0.0
March	100	707	0.1	0.6	0	0.2	0	100.0	0.0	0.0	0.0
April	100	686	0.1	0.7	0	0.2	0	100.0	0.0	0.0	0.0
May	100	708	0.2	8.6	0	0.8	0	99.6	0.4	0.0	0.0
June	100	684	0.4	10.5	1	0.7	0	99.6	0.3	0.2	0.0
July	100	708	0.3	3.5	0	0.8	0	100.0	0.0	0.0	0.0
Annual	99	4774	0.2	10.5	1	0.8	0	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
July	95	547	0.1	0.8	0	0.3	0	100.0	0.0	0.0	0.0
August	100	708	0.1	1.0	0	0.4	0	100.0	0.0	0.0	0.0
September	100	683	0.2	1.7	0	0.7	0	100.0	0.0	0.0	0.0
October	99	704	0.1	0.8	0	0.3	0	100.0	0.0	0.0	0.0
November	100	685	0.1	1.5	0	0.3	0	100.0	0.0	0.0	0.0
December	100	707	0.2	2.1	0	0.5	0	100.0	0.0	0.0	0.0
Annual	99	4034	0.2	2.1	0	0.7	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	0-10	11 - 50	> 50
January	100	708	0.1	0.4	0	0.2	0	100.0	0.0	0.0	0.0
February	92	577	0.1	0.8	0	0.3	0	100.0	0.0	0.0	0.0
March	100	705	0.1	1.0	0	0.1	0	100.0	0.0	0.0	0.0
April	98	666	0.1	0.6	0	0.1	0	100.0	0.0	0.0	0.0
May	100	703	0.1	0.8	0	0.3	0	100.0	0.0	0.0	0.0
June	91	617	0.1	0.5	0	0.3	0	100.0	0.0	0.0	0.0
Annual	97	3976	0.1	1.0	0	0.3	0	100.0	0.0	0.0	0.0



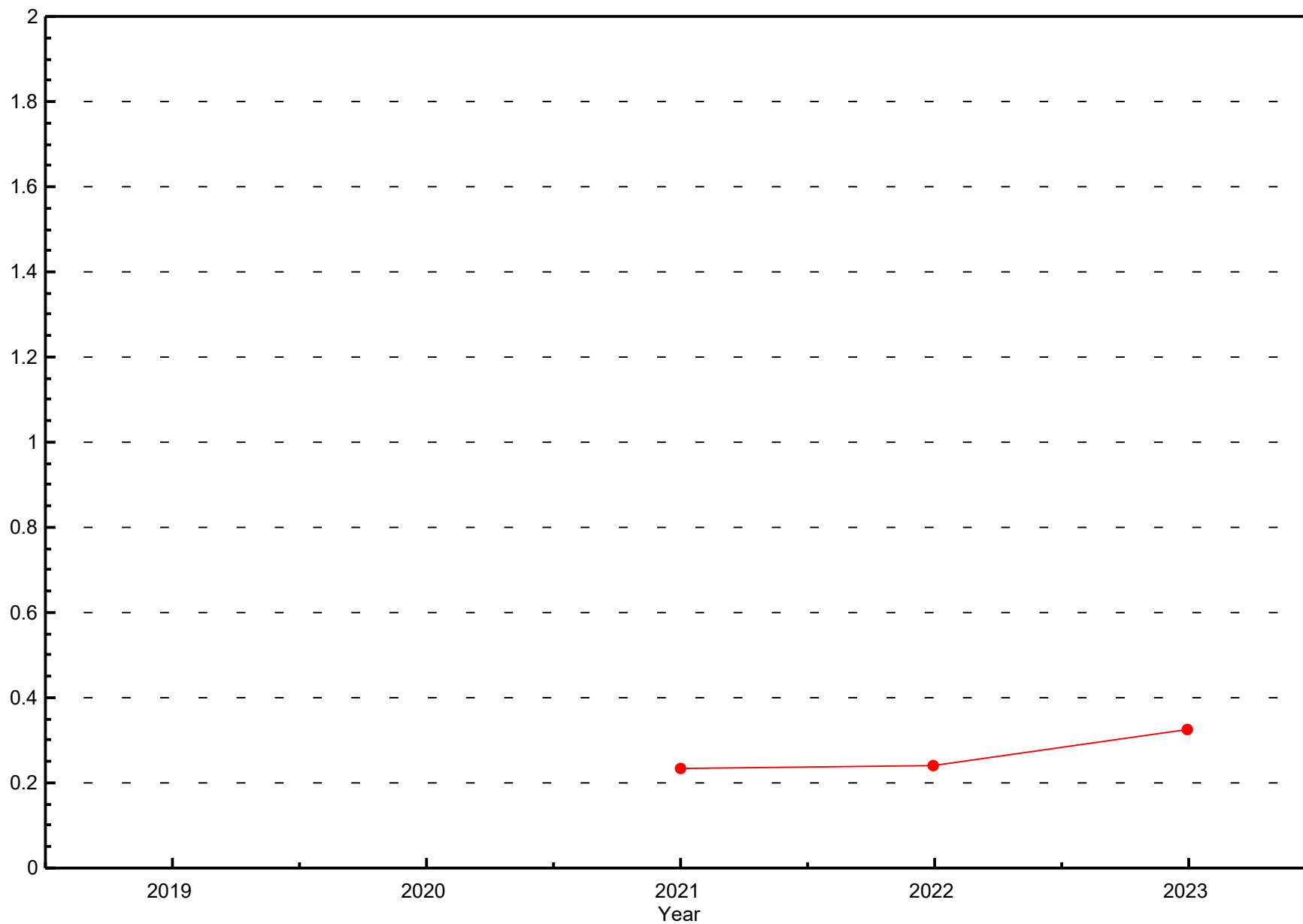
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Hydrogen Sulphide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	0-10	11 - 50	> 50
October	100	707	0.1	1.1	0	0.3	0	100.0	0.0	0.0	0.0
November	100	685	0.2	1.8	0	0.5	0	100.0	0.0	0.0	0.0
December	99	699	0.2	1.9	0	0.5	0	100.0	0.0	0.0	0.0
Annual	100	2091	0.2	1.9	0	0.5	0	100.0	0.0	0.0	0.0



Yearly Averages

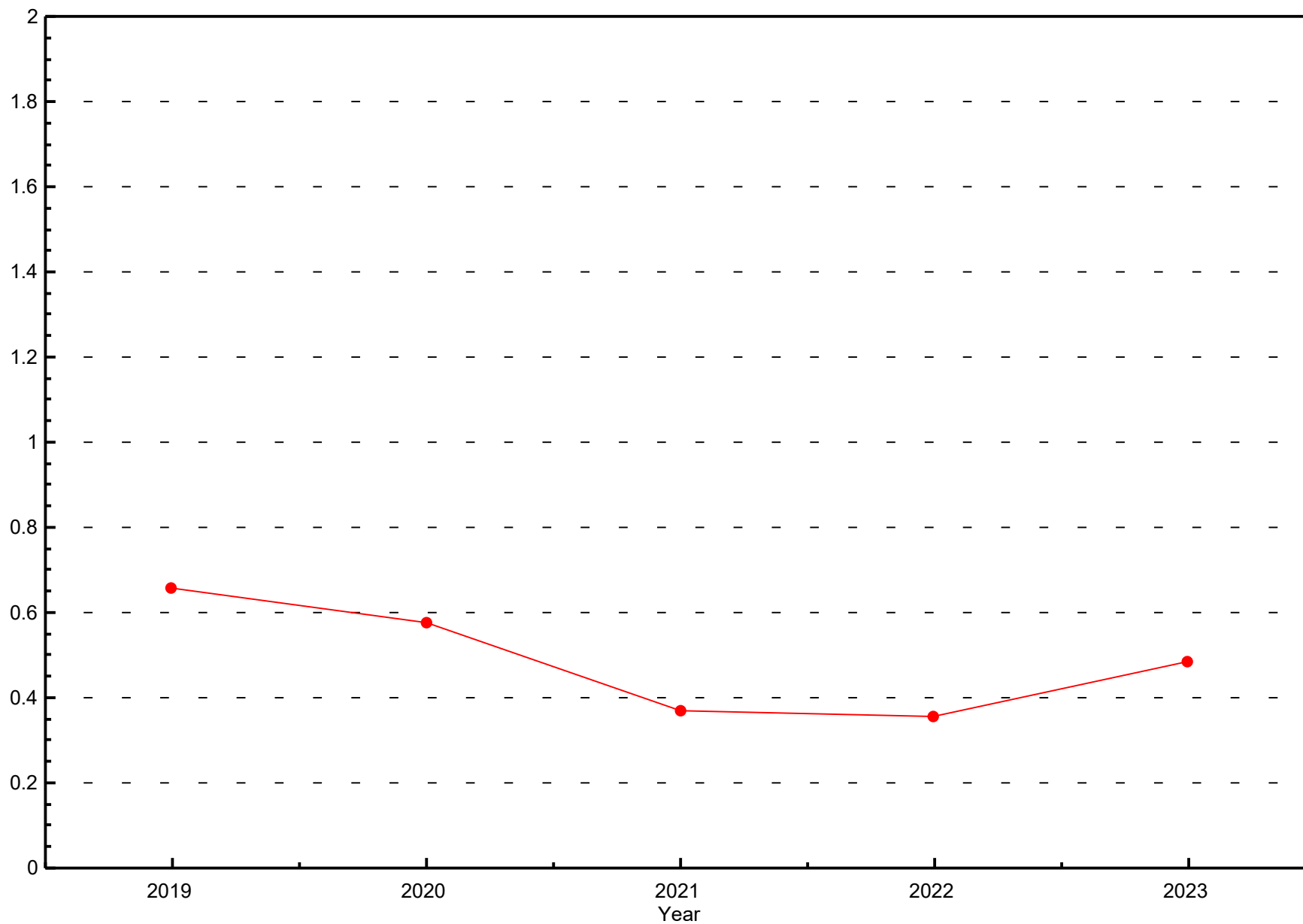
Hydrogen Sulphide (H₂S) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

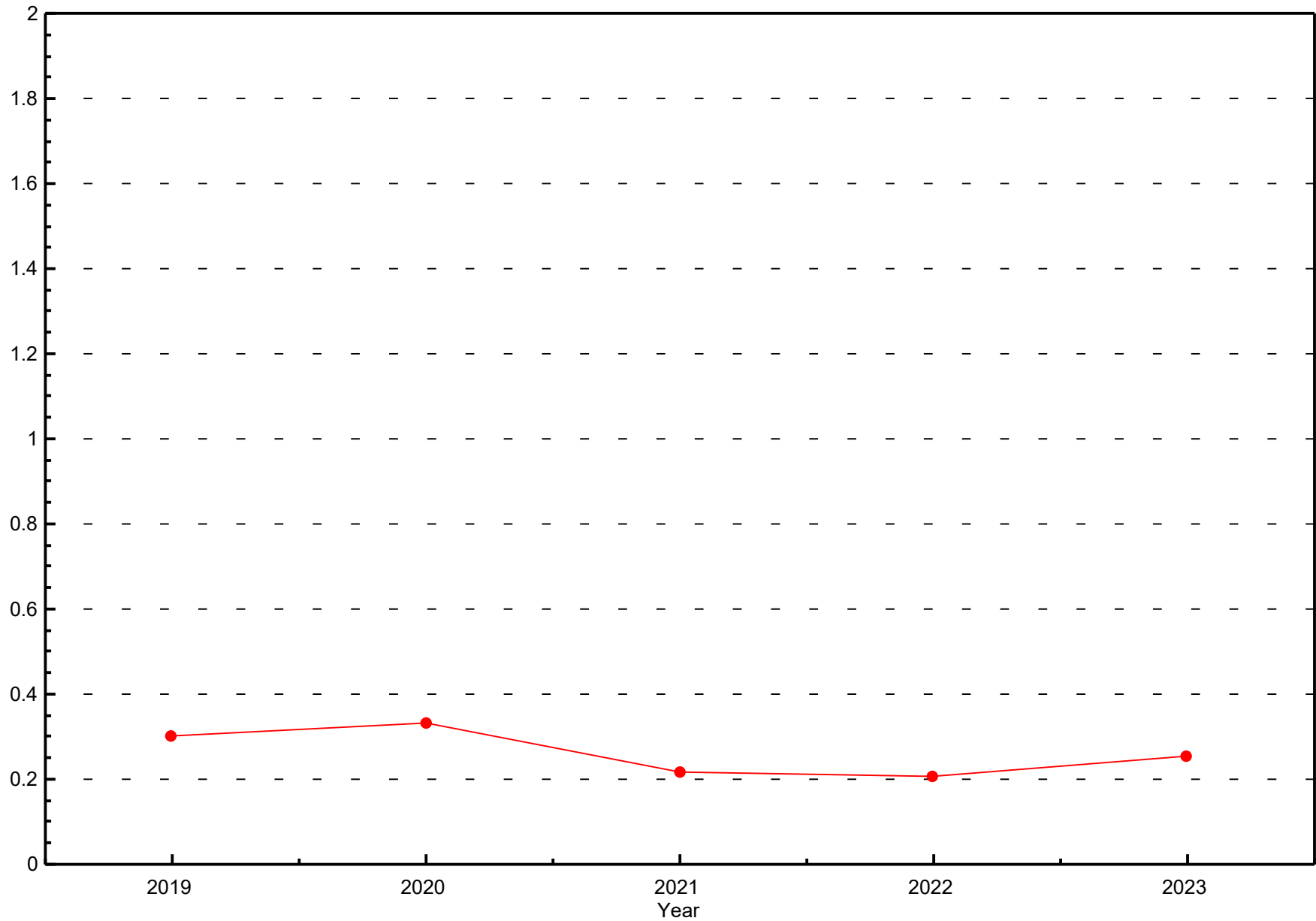
Hydrogen Sulphide (H₂S) - ppb
Mildred Lake (2019 to 2023)





Yearly Averages

Hydrogen Sulphide (H₂S) - ppb
Buffalo Viewpoint (2019 to 2023)

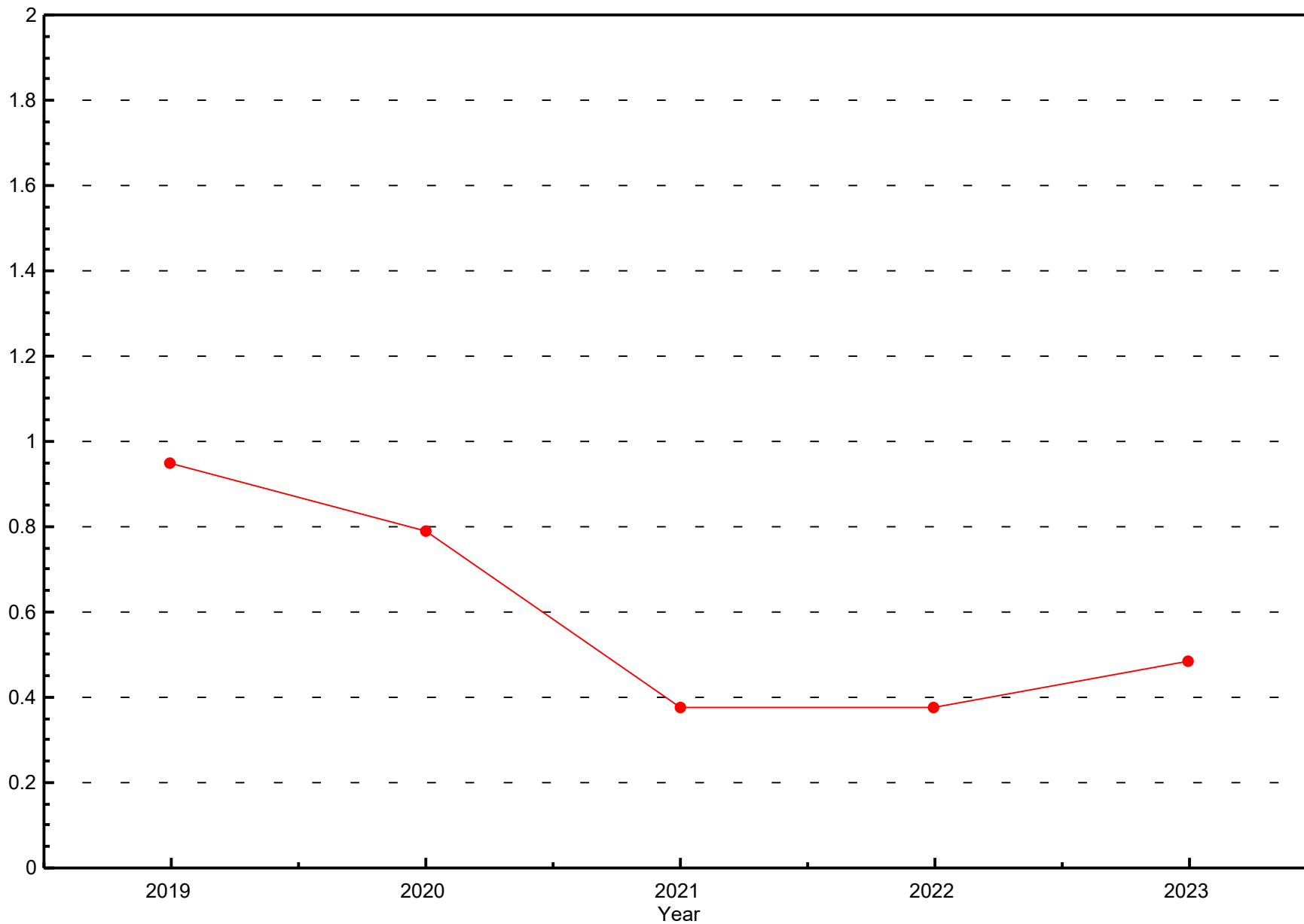




Yearly Averages

Hydrogen Sulphide (H₂S) - ppb

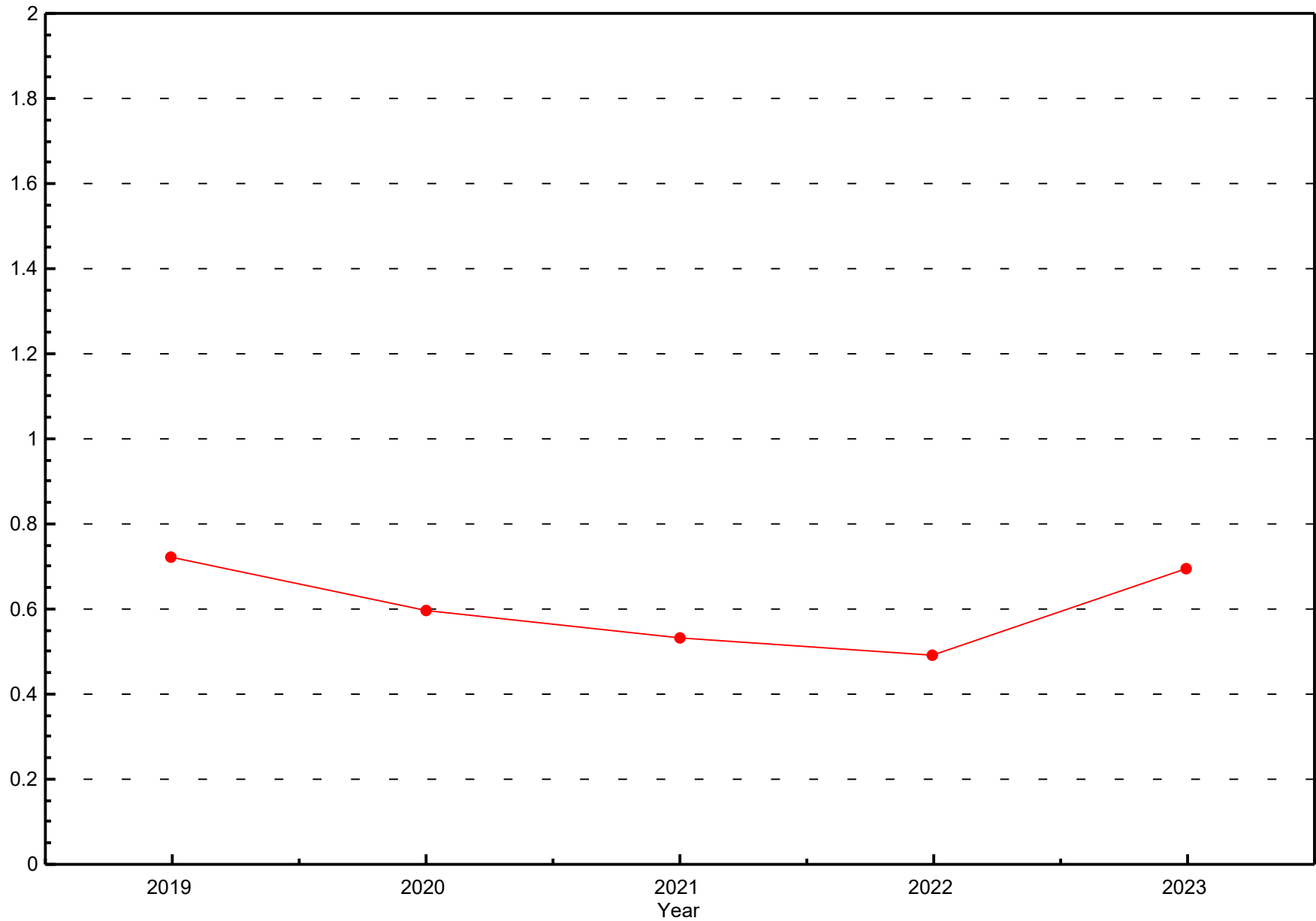
Mannix (2019 to 2023)





Yearly Averages

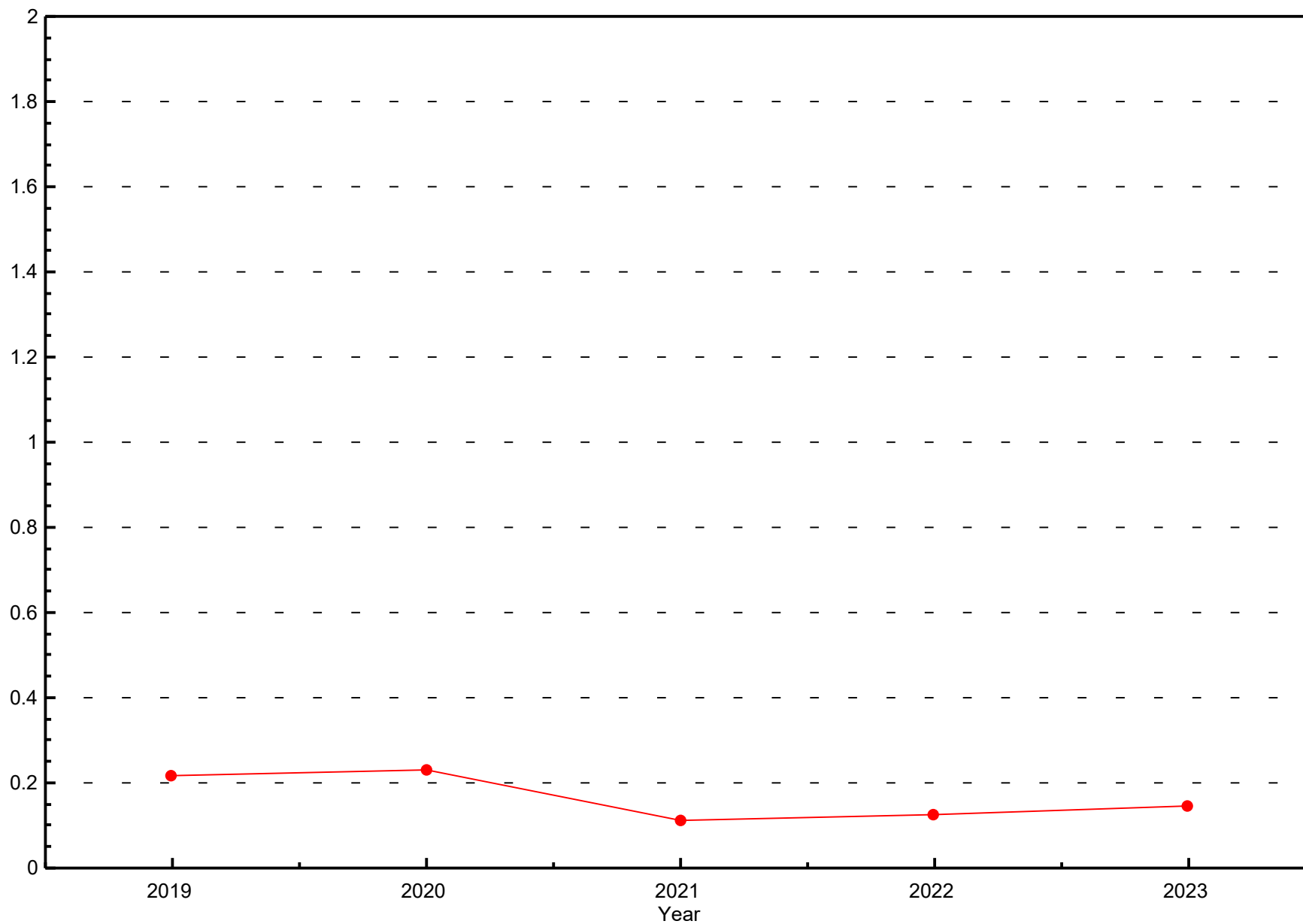
Hydrogen Sulphide (H₂S) - ppb
Lower Camp (2019 to 2023)





Yearly Averages

Hydrogen Sulphide (H₂S) - ppb
Wapasu (2019 to 2023)

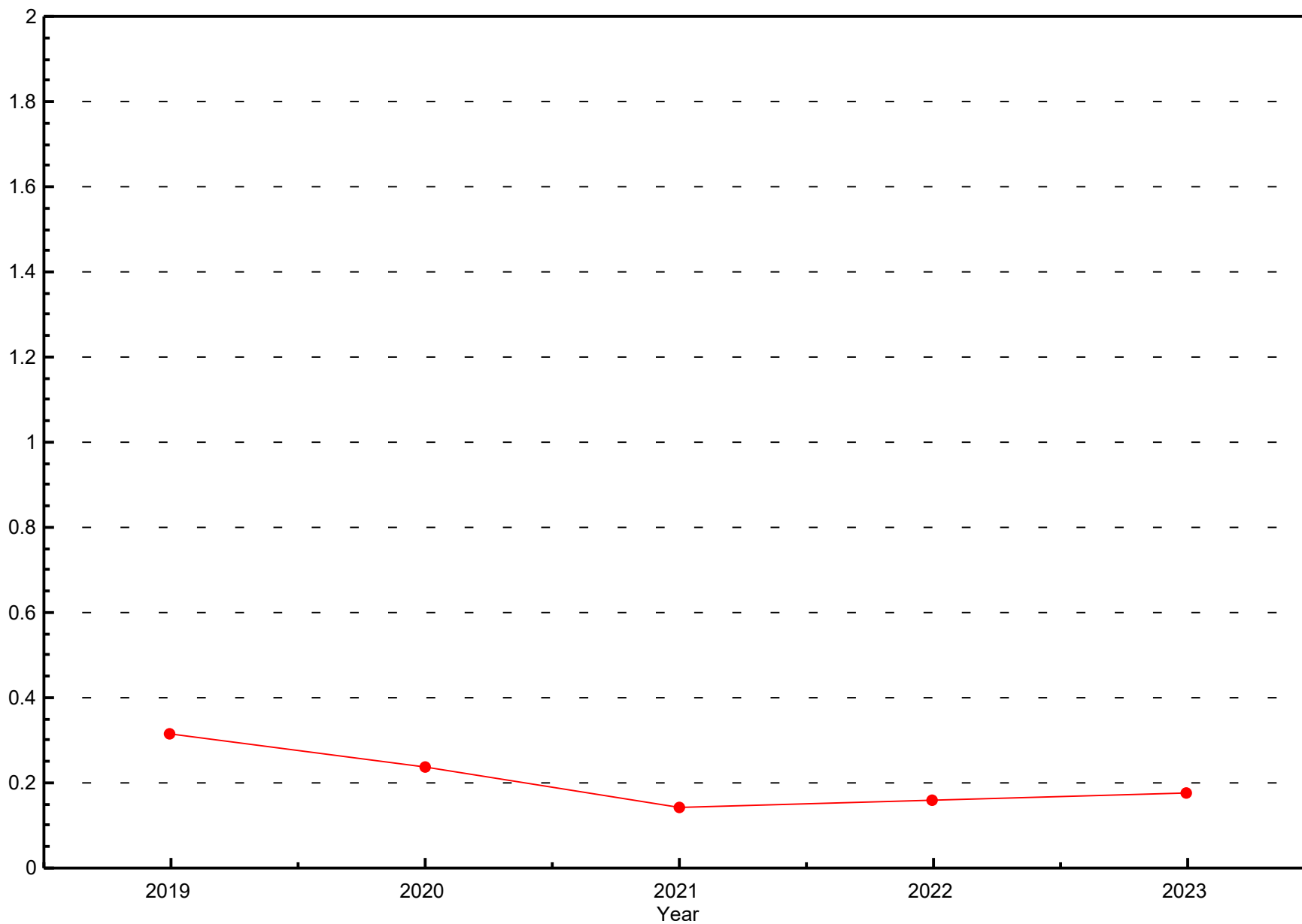




Yearly Averages

Hydrogen Sulphide (H₂S) - ppb

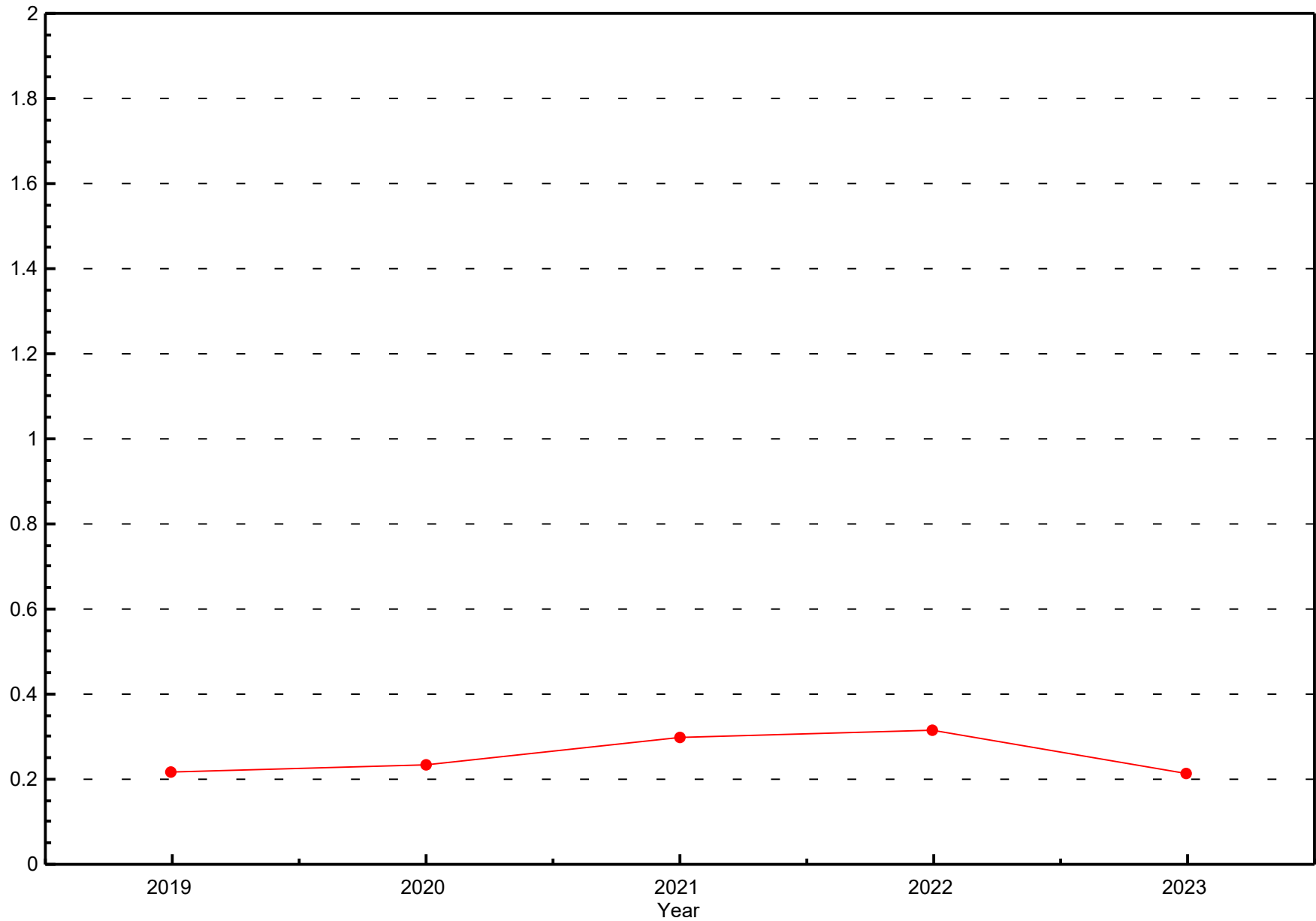
Firebag (2019 to 2023)





Yearly Averages

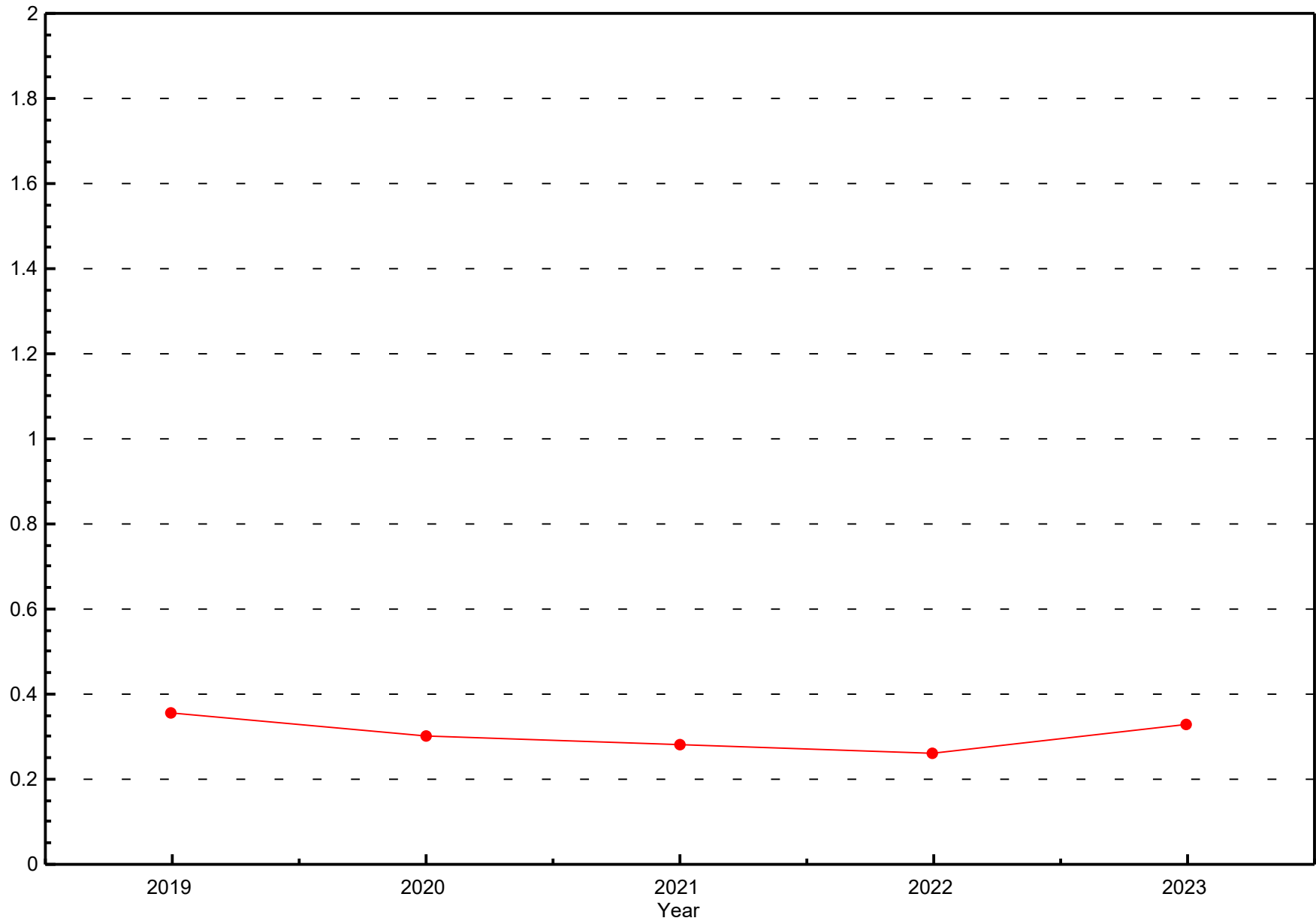
Hydrogen Sulphide (H₂S) - ppb
Mackay River (2019 to 2023)





Yearly Averages

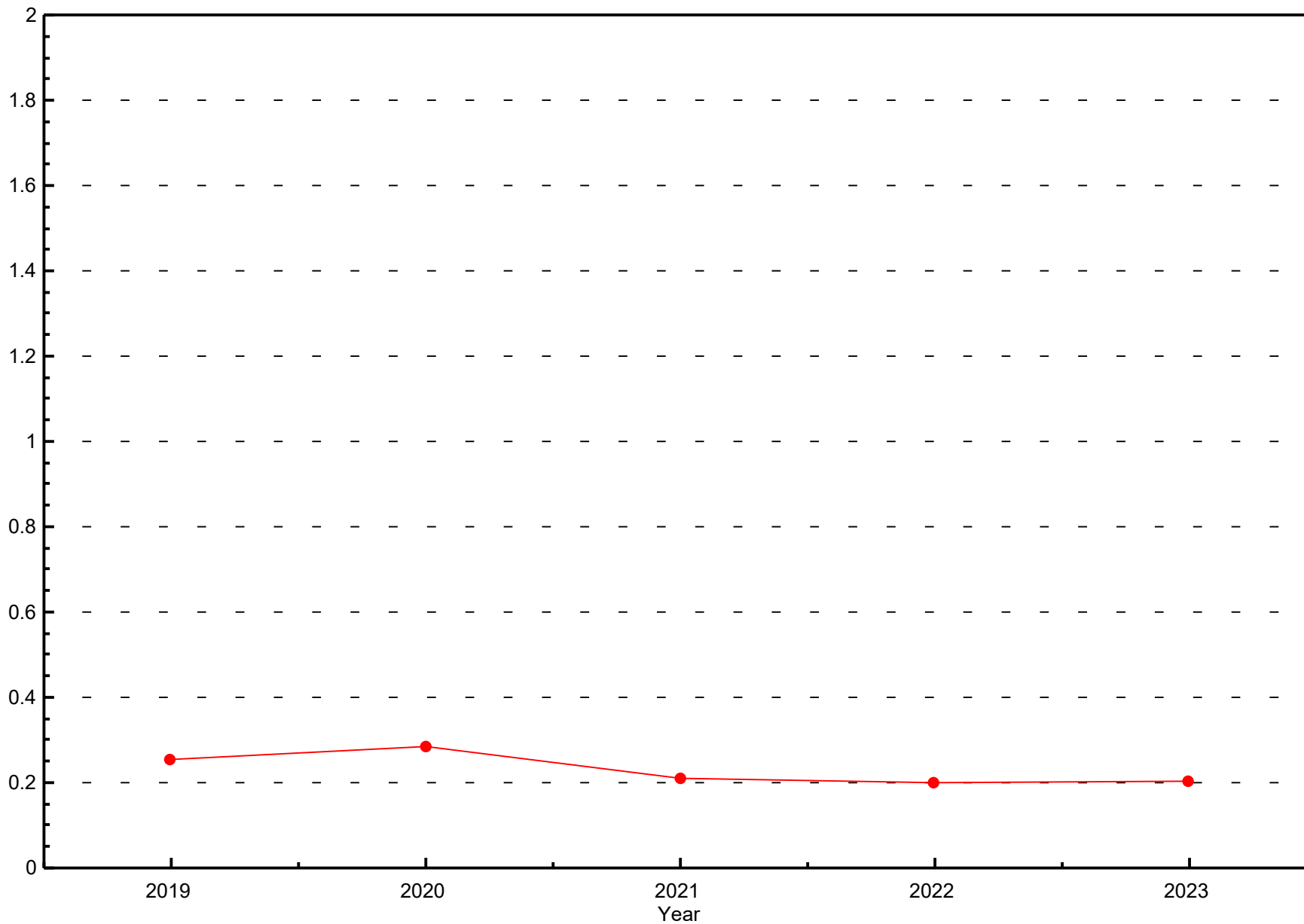
Hydrogen Sulphide (H₂S) - ppb
Waskow ohci Pimatisiwin (2019 to 2023)





Yearly Averages

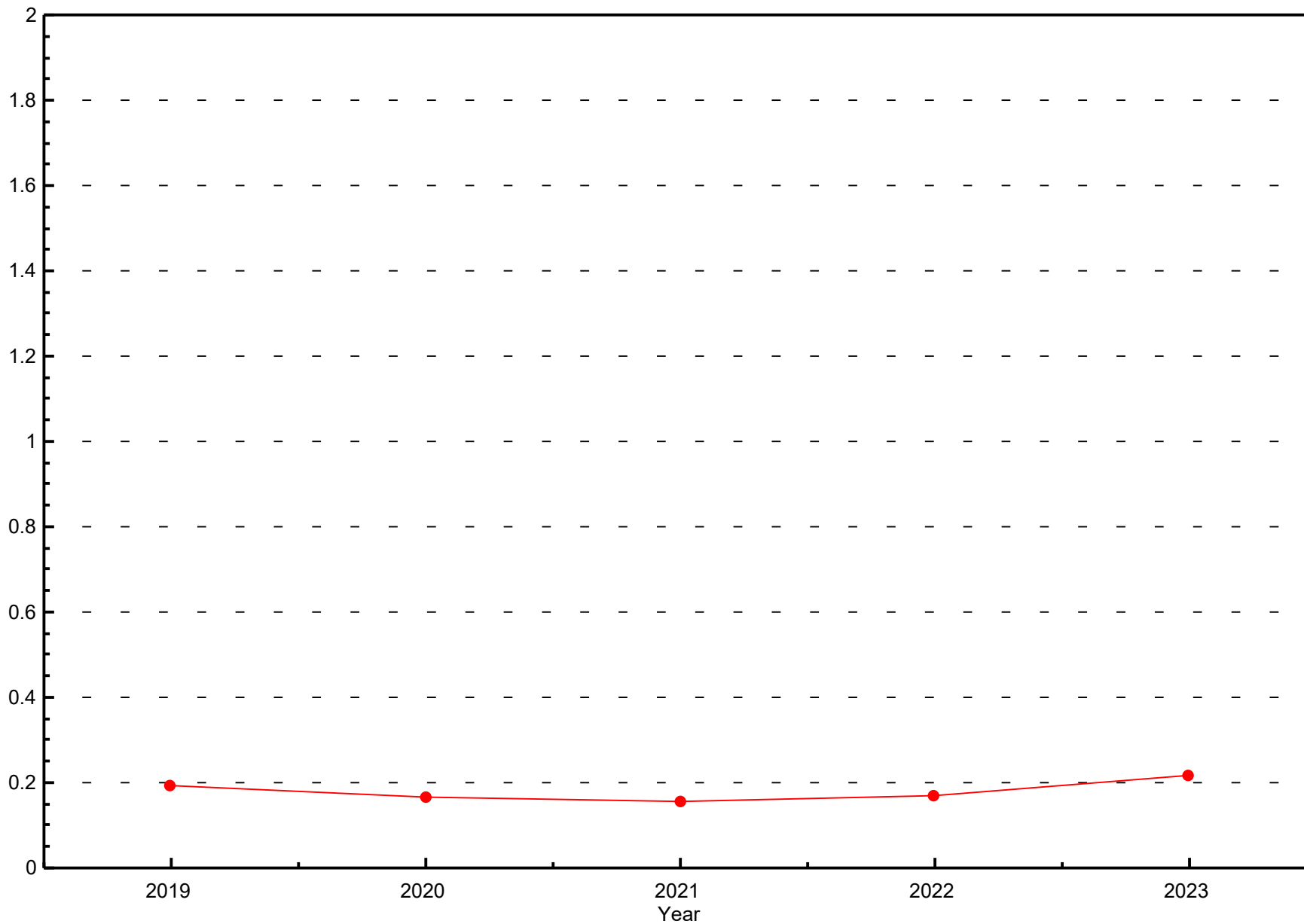
Hydrogen Sulphide (H₂S) - ppb
Christina Lake (2019 to 2023)





Yearly Averages

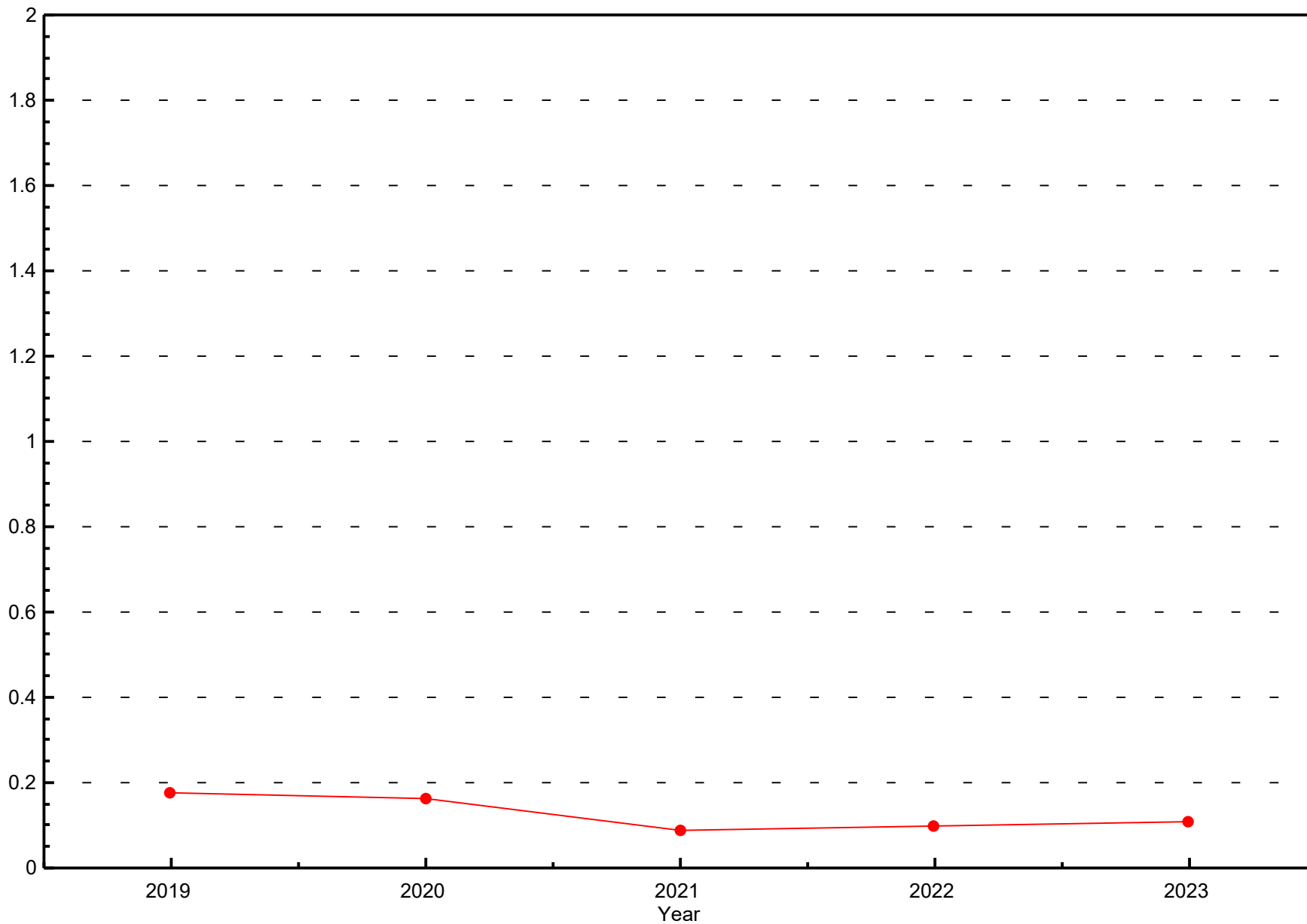
Hydrogen Sulphide (H₂S) - ppb
Jackfish 2/3 (2019 to 2023)





Yearly Averages

Hydrogen Sulphide (H₂S) - ppb
Surmont 2 (2019 to 2023)

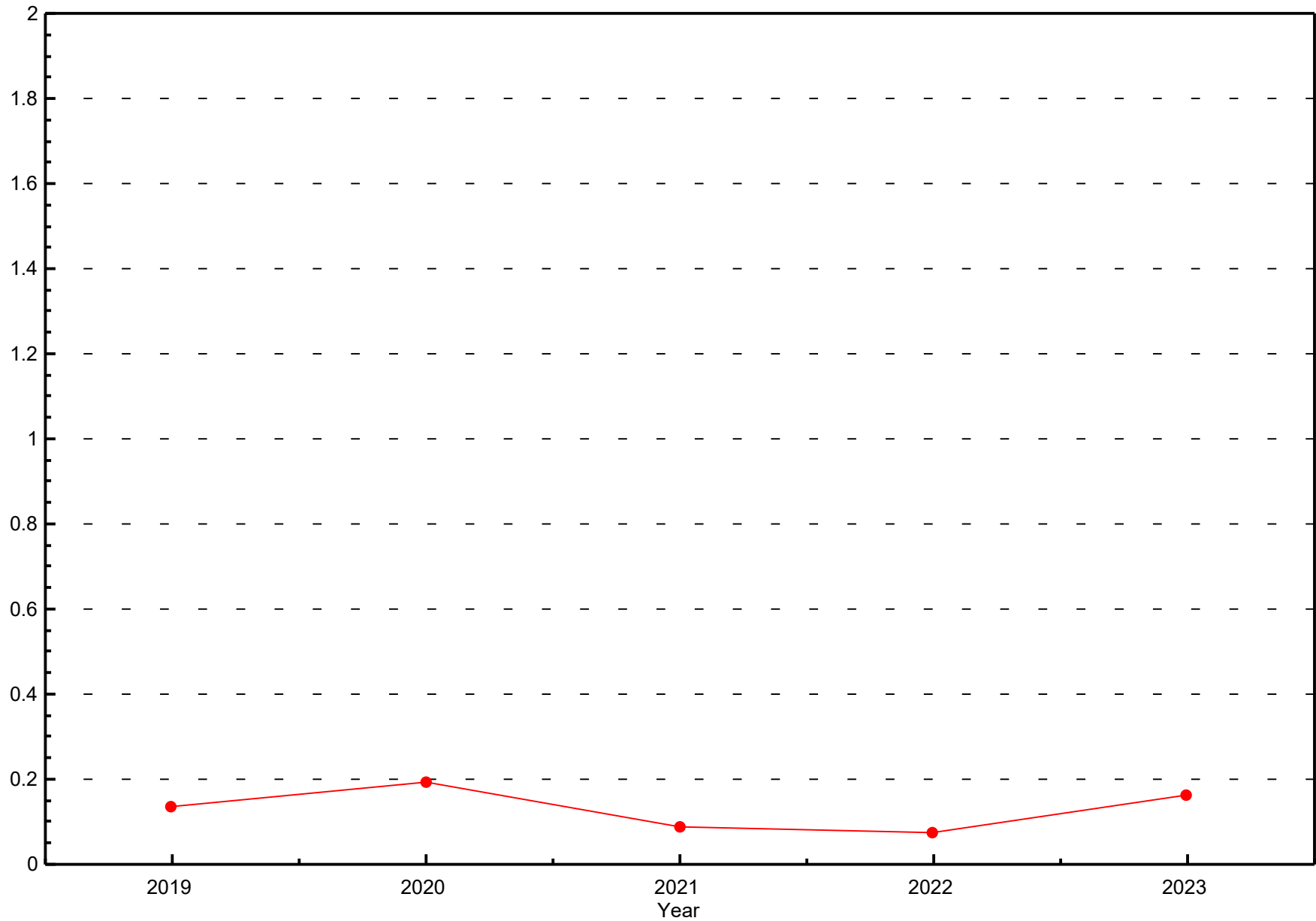




Yearly Averages

Hydrogen Sulphide (H₂S) - ppb

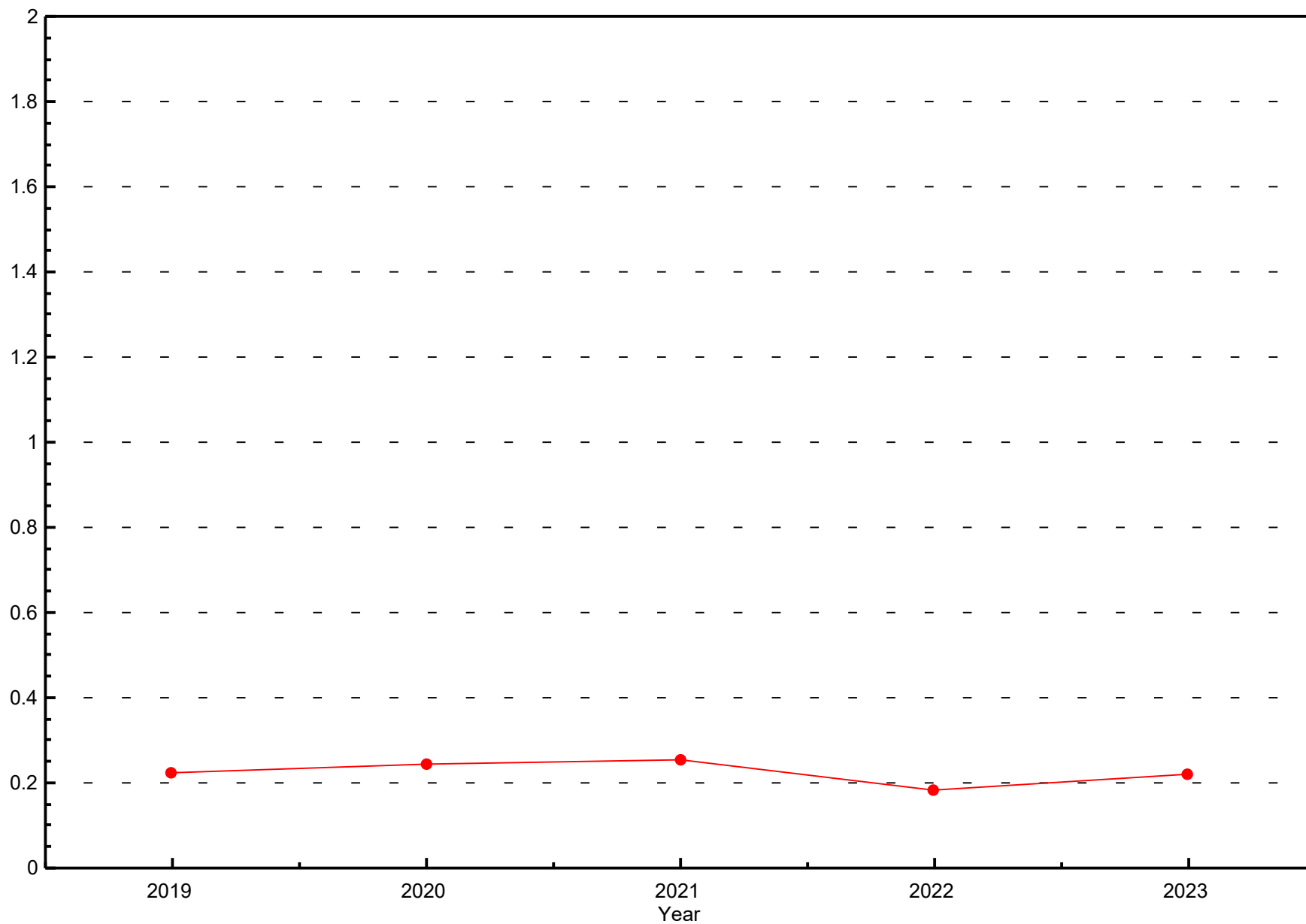
Leismer (2019 to 2023)





Yearly Averages

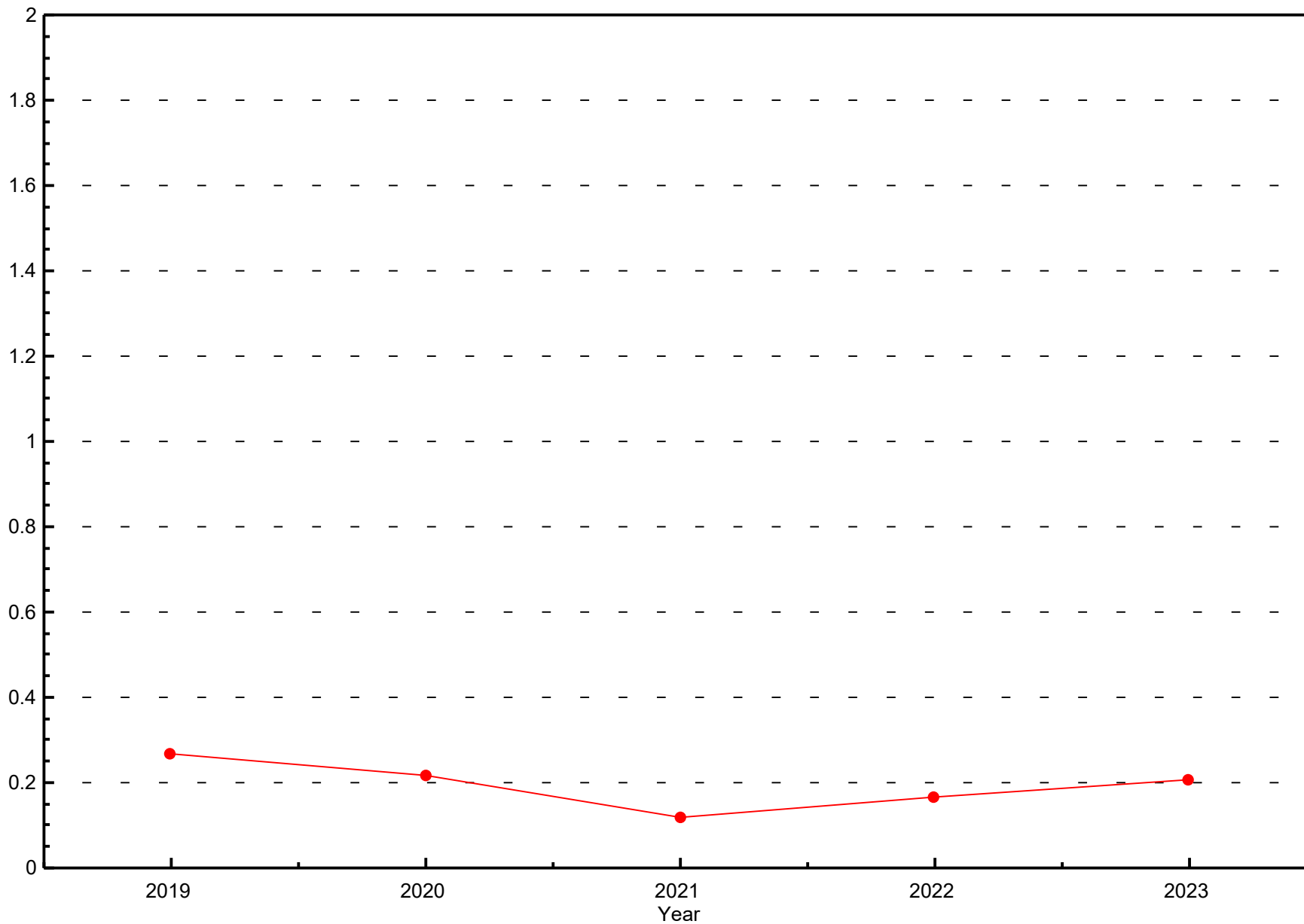
Hydrogen Sulphide (H₂S) - ppb
Sawbones Bay (2019 to 2023)





Yearly Averages

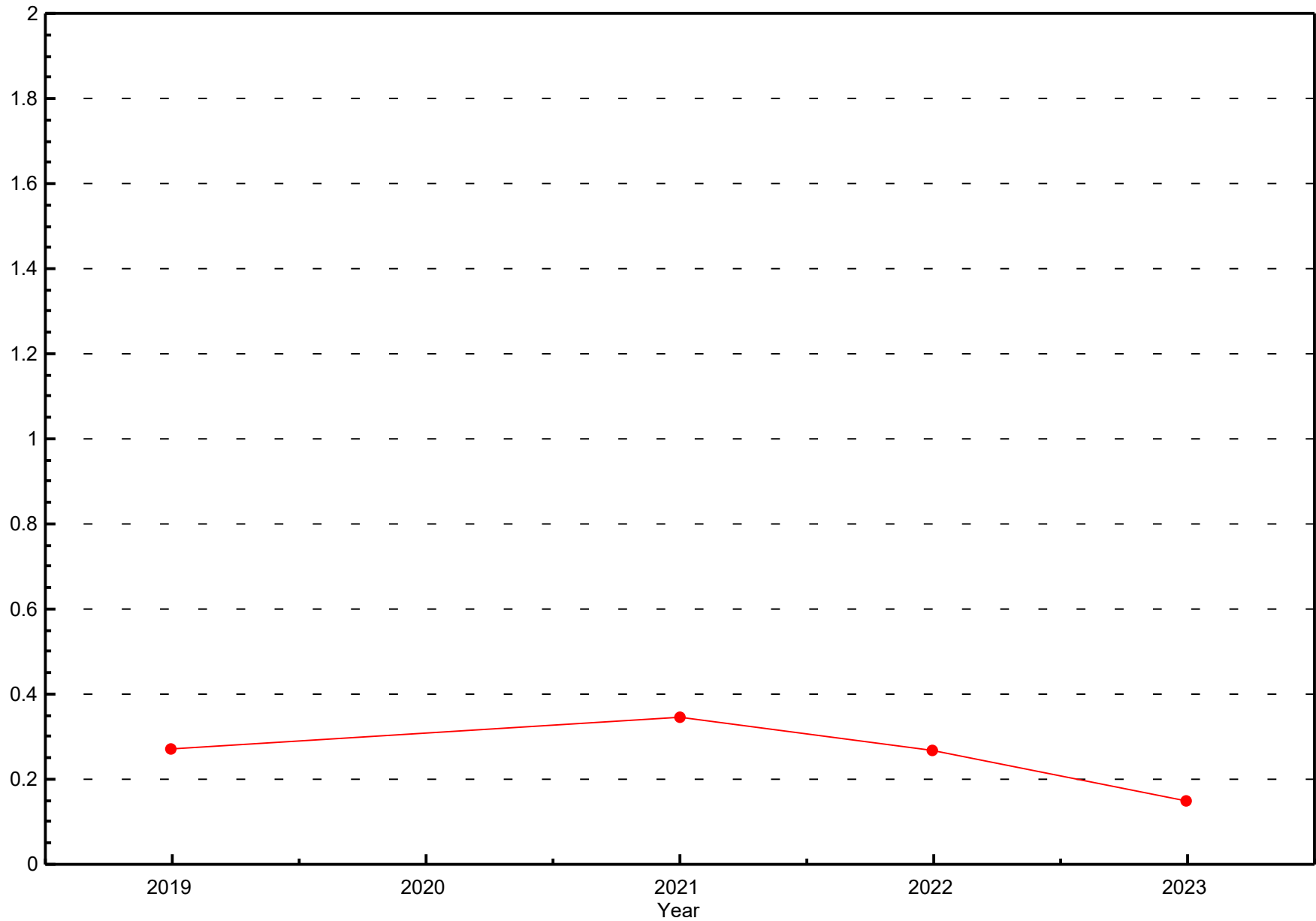
Hydrogen Sulphide (H₂S) - ppb
Jackfish 1 (2019 to 2023)





Yearly Averages

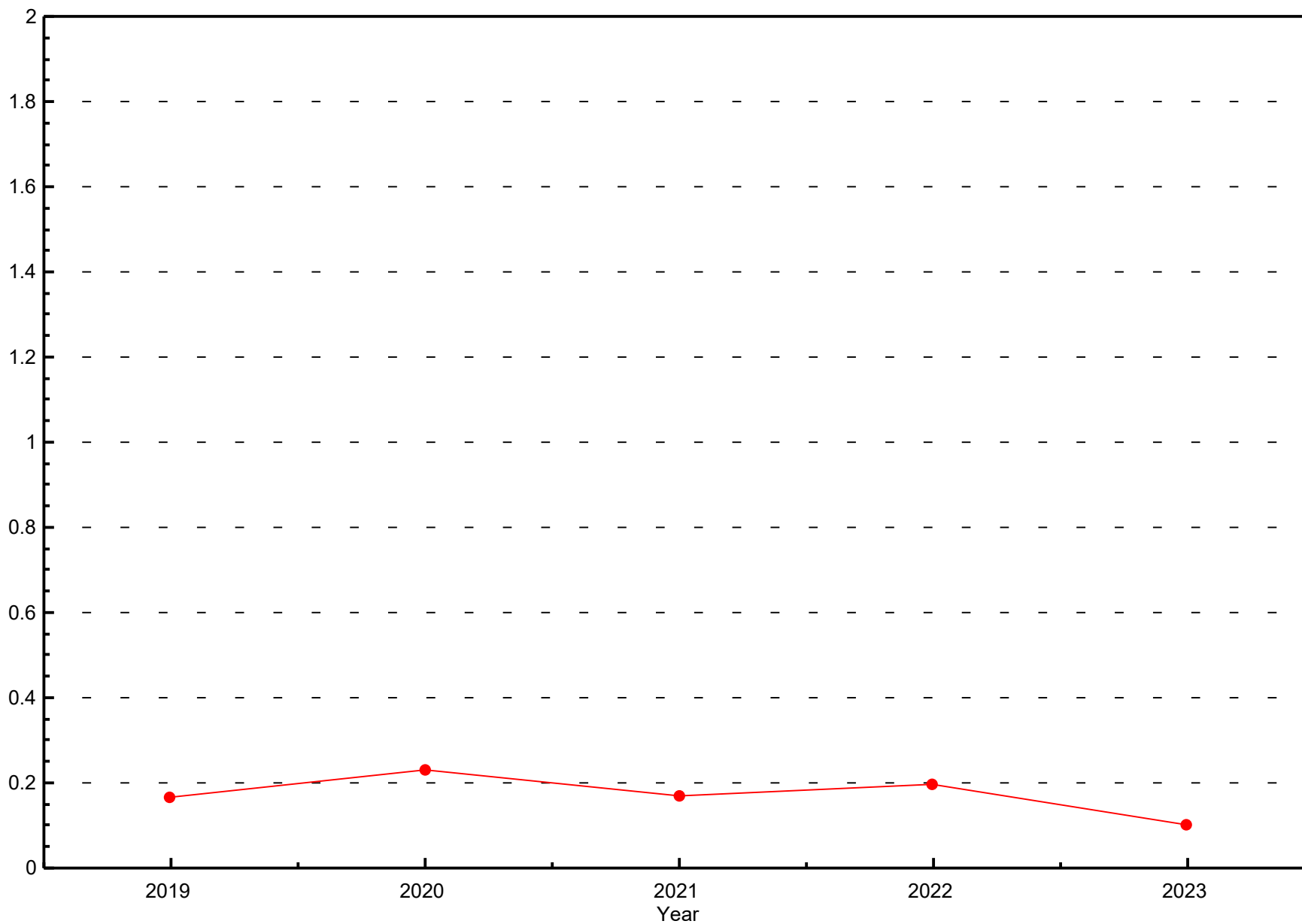
Hydrogen Sulphide (H₂S) - ppb
Kirby South (2019 to 2023)





Yearly Averages

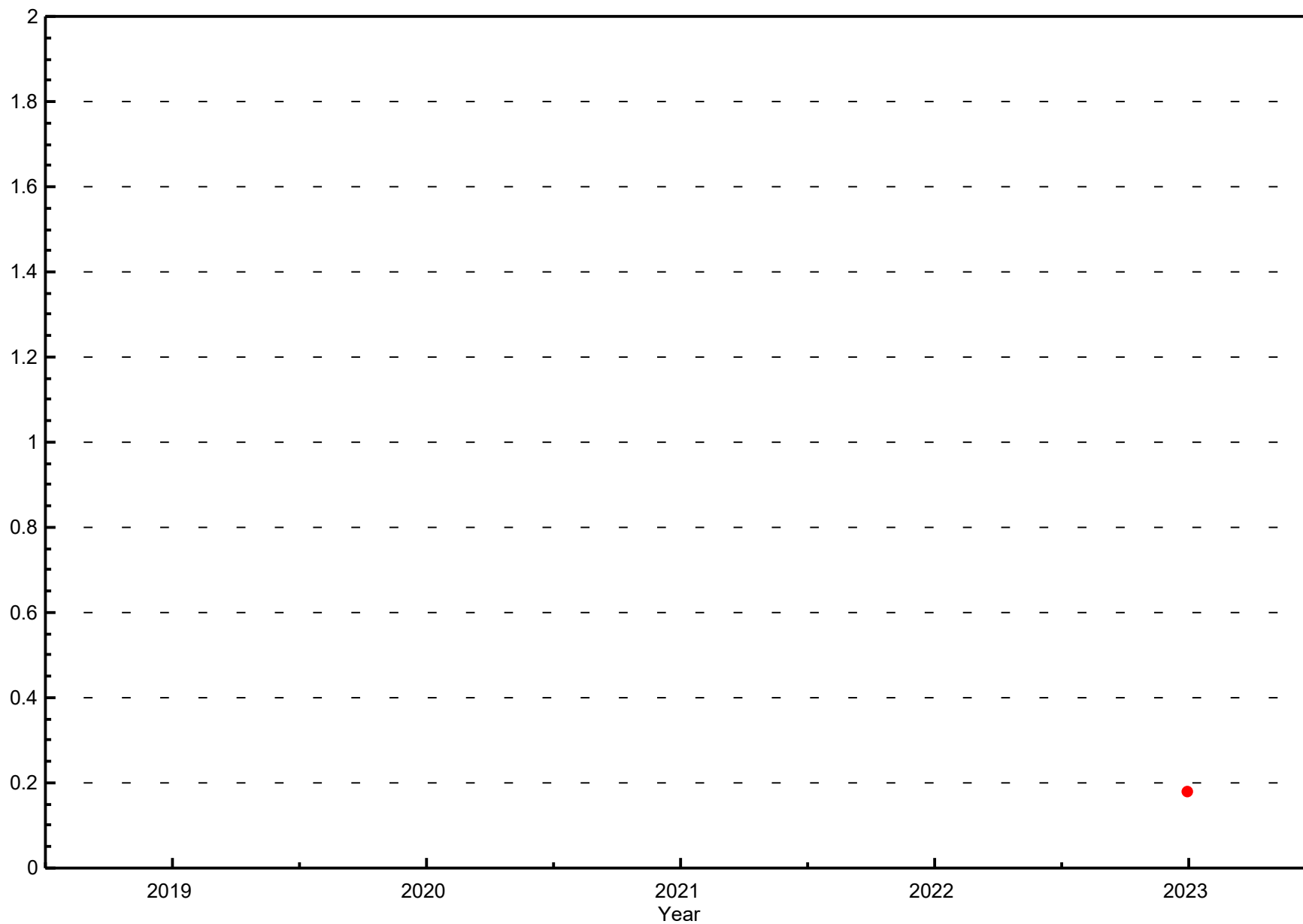
Hydrogen Sulphide (H₂S) - ppb
Kirby North (2019 to 2023)





Yearly Averages

Hydrogen Sulphide (H₂S) - ppb
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

TOTAL REDUCED SULPHUR ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	10-Apr	11 - 50	> 50
January	99	699	0.8	3.8	0	1.7	0	99.7	0.3	0.0	0.0
February	100	635	0.7	3.6	0	1.7	0	99.8	0.2	0.0	0.0
March	100	702	0.6	6.1	0	1.5	0	99.7	0.3	0.0	0.0
April	100	681	0.5	2.1	0	0.9	0	100.0	0.0	0.0	0.0
May	100	706	0.6	3.8	0	1.4	0	99.9	0.1	0.0	0.0
June	99	677	0.6	2.5	0	1.0	0	100.0	0.0	0.0	0.0
July	97	681	0.6	2.8	0	1.0	0	100.0	0.0	0.0	0.0
August	100	704	0.6	2.5	0	1.2	0	100.0	0.0	0.0	0.0
September	97	659	0.7	6.6	0	1.2	0	99.7	0.3	0.0	0.0
October	100	703	0.5	3.5	0	0.9	0	99.9	0.1	0.0	0.0
November	100	682	0.6	2.6	0	1.3	0	100.0	0.0	0.0	0.0
December	100	703	0.9	4.7	0	2.4	0	99.2	0.9	0.0	0.0
Annual	99	8232	0.6	6.6	0	2.4	0	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range			
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
July	100	704	0.5	2.5	0	1.2	0	100.0	0.0	0.0	0.0
August	99	701	0.5	3.2	0	1.2	0	100.0	0.0	0.0	0.0
September	100	683	0.4	2.2	0	1.0	0	100.0	0.0	0.0	0.0
October	100	707	0.3	2.0	0	0.9	0	100.0	0.0	0.0	0.0
November	100	685	0.4	1.1	0	0.5	0	100.0	0.0	0.0	0.0
December	100	708	0.4	1.7	0	0.9	0	100.0	0.0	0.0	0.0
Annual	99	4625	0.4	3.2	0	1.2	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	10-Apr	11 - 50	> 50
January	100	709	0.3	4.5	0	0.9	0	99.7	0.3	0.0	0.0
February	100	636	0.4	2.4	0	1.0	0	100.0	0.0	0.0	0.0
March	100	708	0.2	1.6	0	0.5	0	100.0	0.0	0.0	0.0
April	100	684	0.1	0.8	0	0.3	0	100.0	0.0	0.0	0.0
May	100	707	0.2	1.1	0	0.5	0	100.0	0.0	0.0	0.0
June	100	684	0.3	1.9	0	0.7	0	100.0	0.0	0.0	0.0
July	100	707	0.3	3.1	0	1.1	0	100.0	0.0	0.0	0.0
August	99	703	0.4	4.7	0	1.7	0	99.3	0.7	0.0	0.0
September	100	684	0.3	1.9	0	0.8	0	100.0	0.0	0.0	0.0
October	100	707	0.2	1.8	0	0.8	0	100.0	0.0	0.0	0.0
November	100	681	0.2	1.1	0	0.3	0	100.0	0.0	0.0	0.0
December	62	431	0.3	1.1	0	0.6	0	100.0	0.0	0.0	0.0
Annual	97	8041	0.3	4.7	0	1.7	0	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	10-Apr	11 - 50	> 50
January	100	708	0.2	0.5	0	0.3	0	100.0	0.0	0.0	0.0
February	100	637	0.2	0.6	0	0.3	0	100.0	0.0	0.0	0.0
March	100	707	0.2	0.4	0	0.3	0	100.0	0.0	0.0	0.0
April	99	675	0.1	0.5	0	0.3	0	100.0	0.0	0.0	0.0
May	100	706	0.2	1.1	0	0.5	0	100.0	0.0	0.0	0.0
June	100	685	0.2	1.5	0	0.7	0	100.0	0.0	0.0	0.0
July	99	698	0.2	1.8	0	0.6	0	100.0	0.0	0.0	0.0
August	100	708	0.4	3.5	0	1.2	0	100.0	0.0	0.0	0.0
September	100	682	0.4	4.5	0	1.2	0	99.7	0.3	0.0	0.0
October	100	706	0.2	0.9	0	0.5	0	100.0	0.0	0.0	0.0
November	100	685	0.2	0.6	0	0.3	0	100.0	0.0	0.0	0.0
December	100	708	0.2	0.5	0	0.3	0	100.0	0.0	0.0	0.0
Annual	100	8305	0.2	4.5	0	1.2	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
January	100	707	0.7	3.2	0	1.3	0	100.0	0.0	0.0	0.0
February	99	630	0.6	3.7	0	1.5	0	99.8	0.2	0.0	0.0
March	100	708	0.5	2.9	0	1.2	0	100.0	0.0	0.0	0.0
April	99	676	0.3	3.5	0	0.8	0	99.9	0.2	0.0	0.0
May	100	707	0.4	3.3	0	0.9	0	100.0	0.0	0.0	0.0
June	99	680	0.4	1.9	0	0.8	0	100.0	0.0	0.0	0.0
July	100	708	0.4	2.4	0	0.8	0	100.0	0.0	0.0	0.0
August	100	708	0.5	2.5	0	1.1	0	100.0	0.0	0.0	0.0
September	100	685	0.6	5.2	0	1.2	0	99.7	0.3	0.0	0.0
October	98	692	0.4	4.9	0	0.7	0	99.9	0.1	0.0	0.0
November	100	686	0.5	3.3	0	1.4	0	100.0	0.0	0.0	0.0
December	100	709	0.8	3.6	0	1.8	0	99.4	0.6	0.0	0.0
Annual	100	8296	0.5	5.2	0	1.8	0	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding	Maximum 24-Hour Value	Number of Values Exceeding	% of Data in Each Concentration Range			
					1-Hour Objective		24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
January	100	707	0.8	4.6	0	1.5	0	99.7	0.3	0.0	0.0
February	100	638	0.8	2.6	0	1.4	0	100.0	0.0	0.0	0.0
March	99	702	0.7	2.9	0	1.0	0	100.0	0.0	0.0	0.0
April	100	684	0.5	2.4	0	0.8	0	100.0	0.0	0.0	0.0
May	100	708	0.7	4.2	0	1.5	0	99.7	0.3	0.0	0.0
June	91	624	0.6	3.7	0	1.3	0	99.7	0.3	0.0	0.0
July	99	704	0.6	2.9	0	1.0	0	100.0	0.0	0.0	0.0
August	100	708	0.6	3.7	0	1.1	0	99.7	0.3	0.0	0.0
September	100	686	0.7	7.3	0	1.3	0	99.4	0.6	0.0	0.0
October	100	709	0.5	5.8	0	1.1	0	99.9	0.1	0.0	0.0
November	100	685	0.6	3.5	0	1.1	0	100.0	0.0	0.0	0.0
December	100	709	0.8	4.6	0	2.0	0	99.4	0.6	0.0	0.0
Annual	99	8264	0.7	7.3	0	2.0	0	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values	Maximum 24-Hour Value	Number of Values	% of Data in Each Concentration Range			
					Exceeding 1-Hour Objective		Exceeding 24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
January	100	708	0.3	1.2	0	0.4	0	100.0	0.0	0.0	0.0
February	100	639	0.3	1.5	0	0.6	0	100.0	0.0	0.0	0.0
March	100	709	0.4	2.1	0	0.6	0	100.0	0.0	0.0	0.0
April	99	682	0.4	1.2	0	0.6	0	100.0	0.0	0.0	0.0
May	100	709	0.4	2.4	0	0.8	0	100.0	0.0	0.0	0.0
June	96	654	0.3	1.1	0	0.5	0	100.0	0.0	0.0	0.0
July	94	669	0.2	0.8	0	0.4	0	100.0	0.0	0.0	0.0
August	98	688	0.2	1.4	0	0.6	0	100.0	0.0	0.0	0.0
September	100	684	0.2	1.6	0	0.8	0	100.0	0.0	0.0	0.0
October	100	708	0.2	0.9	0	0.3	0	100.0	0.0	0.0	0.0
November	100	685	0.2	1.3	0	0.4	0	100.0	0.0	0.0	0.0
December	99	703	0.2	1.6	0	0.5	0	100.0	0.0	0.0	0.0
Annual	99	8238	0.3	2.4	0	0.8	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
					0 - 3		10-Apr	11 - 50	> 50		
January	100	706	0.2	0.5	0	0.3	0	100.0	0.0	0.0	0.0
February	100	637	0.2	0.6	0	0.3	0	100.0	0.0	0.0	0.0
March	100	707	0.2	0.3	0	0.2	0	100.0	0.0	0.0	0.0
April	100	684	0.1	0.3	0	0.2	0	100.0	0.0	0.0	0.0
May	100	707	0.2	1.0	0	0.5	0	100.0	0.0	0.0	0.0
June	100	682	0.2	0.5	0	0.3	0	100.0	0.0	0.0	0.0
July	100	707	0.2	0.8	0	0.5	0	100.0	0.0	0.0	0.0
August	100	708	0.2	1.2	0	0.5	0	100.0	0.0	0.0	0.0
September	98	673	0.3	1.3	0	0.8	0	100.0	0.0	0.0	0.0
October	100	707	0.2	0.3	0	0.2	0	100.0	0.0	0.0	0.0
November	100	684	0.2	0.4	0	0.3	0	100.0	0.0	0.0	0.0
December	100	706	0.2	0.4	0	0.3	0	100.0	0.0	0.0	0.0
Annual	100	8308	0.2	1.3	0	0.8	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range			
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
January	100	708	0.4	0.7	0	0.6	0	100.0	0.0	0.0	0.0
February	100	637	0.4	0.6	0	0.5	0	100.0	0.0	0.0	0.0
March	100	707	0.4	0.5	0	0.4	0	100.0	0.0	0.0	0.0
April	100	685	0.4	0.6	0	0.5	0	100.0	0.0	0.0	0.0
May	100	707	0.5	1.6	0	0.9	0	100.0	0.0	0.0	0.0
June	100	683	0.4	0.8	0	0.6	0	100.0	0.0	0.0	0.0
July	100	709	0.4	1.0	0	0.7	0	100.0	0.0	0.0	0.0
August	100	707	0.4	1.3	0	0.8	0	100.0	0.0	0.0	0.0
September	100	684	0.4	1.6	0	1.0	0	100.0	0.0	0.0	0.0
October	99	700	0.3	1.3	0	0.4	0	100.0	0.0	0.0	0.0
November	100	684	0.4	0.5	0	0.5	0	100.0	0.0	0.0	0.0
December	100	708	0.4	4.1	0	0.5	0	99.9	0.1	0.0	0.0
Annual	100	8319	0.4	4.1	0	1.0	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values	Maximum 24-Hour Value	Number of Values	% of Data in Each Concentration Range			
					Exceeding 1-Hour Objective		Exceeding 24-Hour Objective	0 - 3	10-Apr	11 - 50	> 50
January	89	628	0.2	0.3	0	0.3	0	100.0	0.0	0.0	0.0
February	100	638	0.1	0.5	0	0.2	0	100.0	0.0	0.0	0.0
March	100	707	0.1	0.4	0	0.2	0	100.0	0.0	0.0	0.0
April	100	682	0.1	0.6	0	0.2	0	100.0	0.0	0.0	0.0
May	100	706	0.2	1.1	0	0.5	0	100.0	0.0	0.0	0.0
June	96	645	0.2	1.4	0	0.6	0	100.0	0.0	0.0	0.0
July	100	705	0.1	0.7	0	0.3	0	100.0	0.0	0.0	0.0
August	97	687	0.1	0.6	0	0.3	0	100.0	0.0	0.0	0.0
September	93	631	0.1	1.2	0	0.4	0	100.0	0.0	0.0	0.0
October	100	706	0.1	0.3	0	0.2	0	100.0	0.0	0.0	0.0
November	100	685	0.2	0.3	0	0.2	0	100.0	0.0	0.0	0.0
December	100	709	0.2	0.4	0	0.3	0	100.0	0.0	0.0	0.0
Annual	98	8129	0.1	1.4	0	0.6	0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	10-Apr	11 - 50	> 50
January	100	708	0.4	2.3	0	1.1	0	100.0	0.0	0.0	0.0
February	99	631	0.4	2.6	0	1.0	0	100.0	0.0	0.0	0.0
March	100	701	0.3	2.7	0	1.1	0	100.0	0.0	0.0	0.0
April	95	648	0.2	0.9	0	0.4	0	100.0	0.0	0.0	0.0
May	99	699	0.3	1.6	0	0.8	0	100.0	0.0	0.0	0.0
June	100	686	0.2	1.3	0	0.8	0	100.0	0.0	0.0	0.0
July	100	706	0.2	1.6	0	0.5	0	100.0	0.0	0.0	0.0
August	96	683	0.2	1.9	0	0.7	0	100.0	0.0	0.0	0.0
September	100	685	0.3	2.7	0	0.6	0	100.0	0.0	0.0	0.0
October	100	707	0.2	2.3	0	0.4	0	100.0	0.0	0.0	0.0
November	100	688	0.3	1.7	0	0.9	0	100.0	0.0	0.0	0.0
December	100	706	0.4	2.9	0	0.9	0	100.0	0.0	0.0	0.0
Annual	99	8248	0.3	2.9	0	1.1	0	100.0	0.0	0.0	0.0



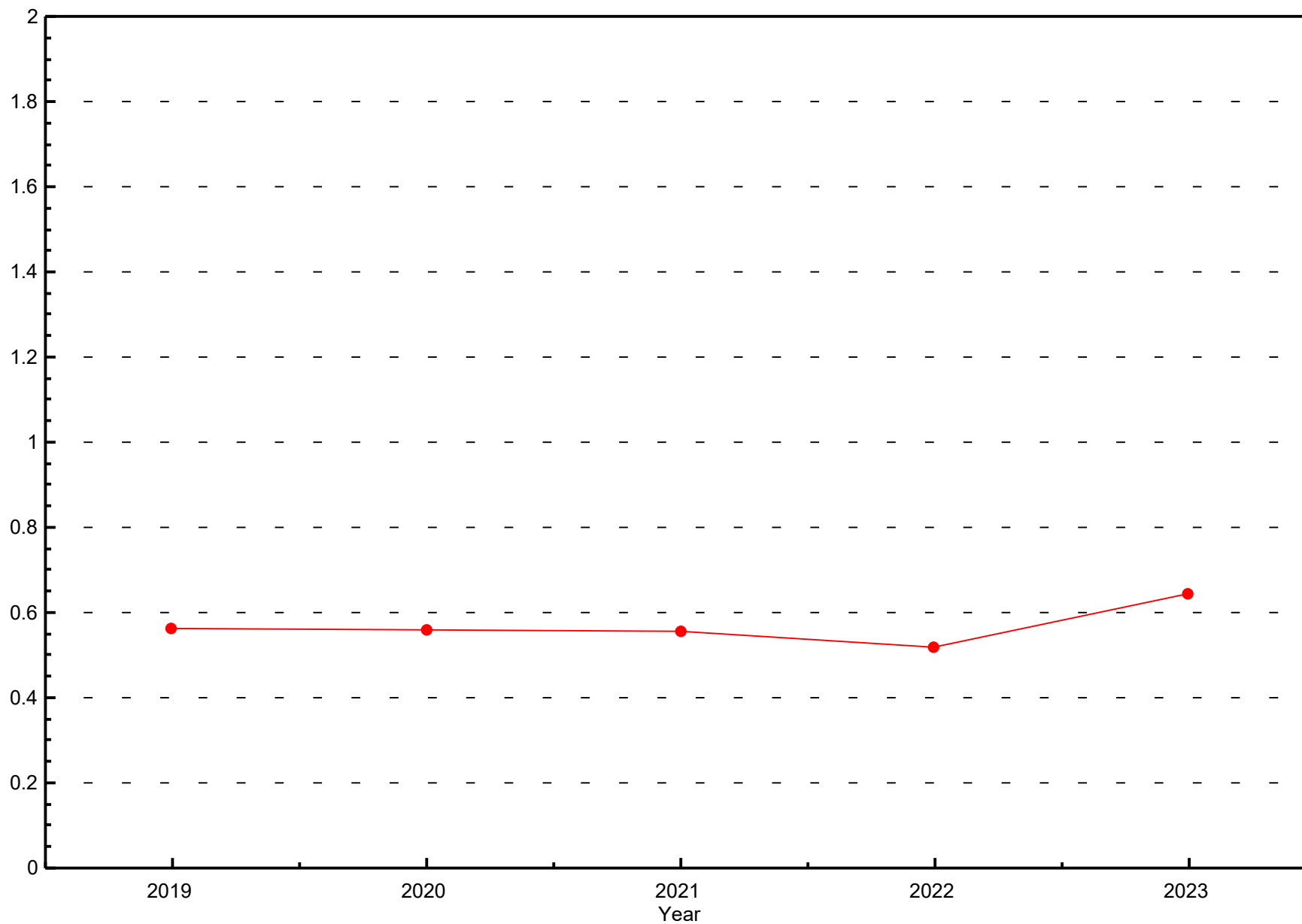
Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Total Reduced Sulphur (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range			
								0 - 3	10-Apr	11 - 50	> 50
January	100	708	0.6	1.5	0	1.1	0	100.0	0.0	0.0	0.0
February	99	633	0.6	2.2	0	1.0	0	100.0	0.0	0.0	0.0
March	100	707	0.6	1.5	0	0.8	0	100.0	0.0	0.0	0.0
April	100	684	0.5	1.4	0	0.7	0	100.0	0.0	0.0	0.0
May	100	708	0.6	2.6	0	1.2	0	100.0	0.0	0.0	0.0
June	97	661	0.6	2.5	0	1.1	0	100.0	0.0	0.0	0.0
July	100	707	0.6	1.8	0	1.1	0	100.0	0.0	0.0	0.0
August	100	705	0.5	2.6	0	0.8	0	100.0	0.0	0.0	0.0
September	100	684	0.6	4.1	0	1.1	0	99.9	0.2	0.0	0.0
October	100	709	0.5	2.3	0	0.8	0	100.0	0.0	0.0	0.0
November	100	685	0.5	1.8	0	1.0	0	100.0	0.0	0.0	0.0
December	100	708	0.5	2.8	0	1.0	0	100.0	0.0	0.0	0.0
Annual	100	8299	0.6	4.1	0	1.2	0	100.0	0.0	0.0	0.0



Yearly Averages

Total Reduced Sulphur (TRS) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)

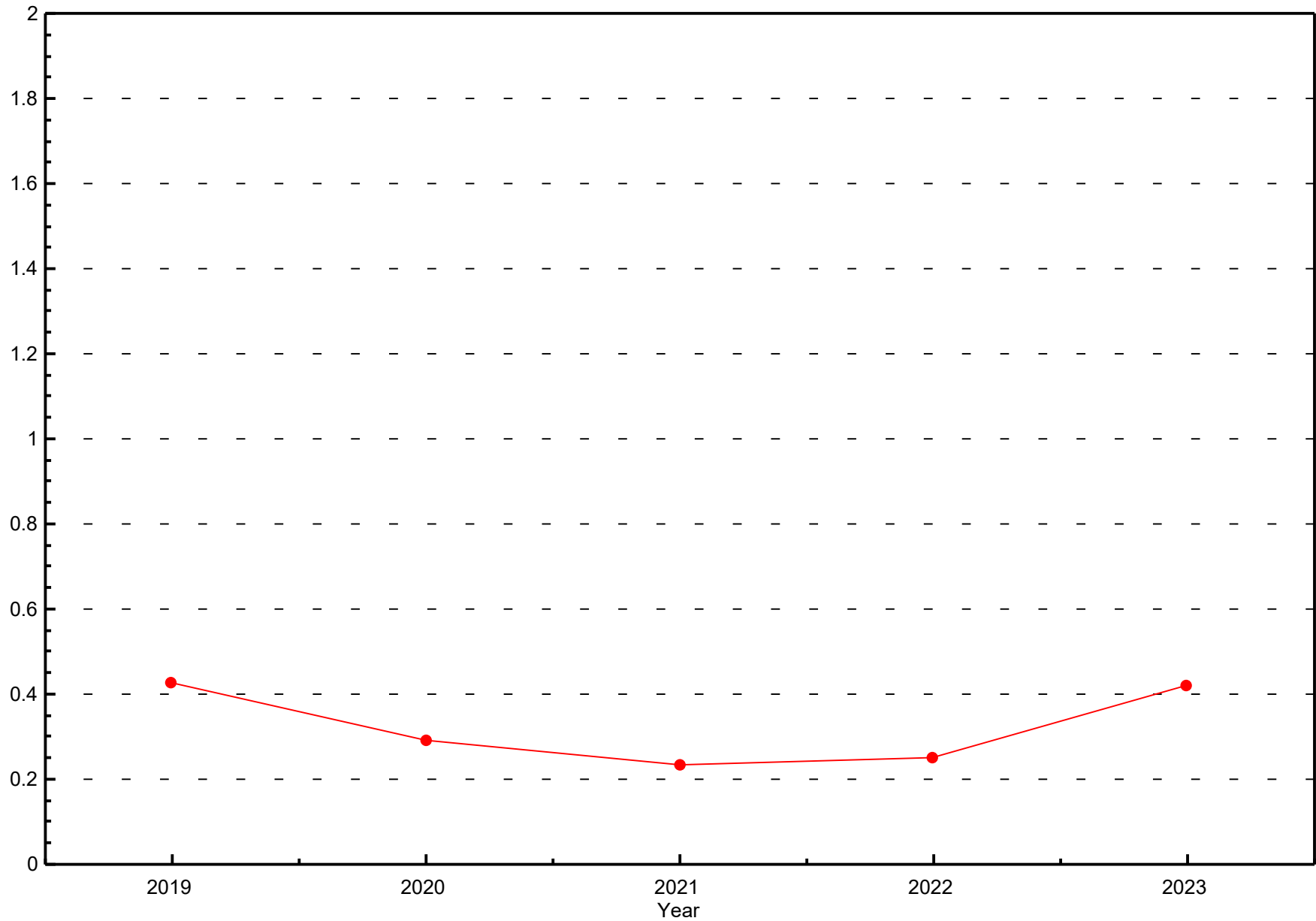




Yearly Averages

Total Reduced Sulphur (TRS) - ppb

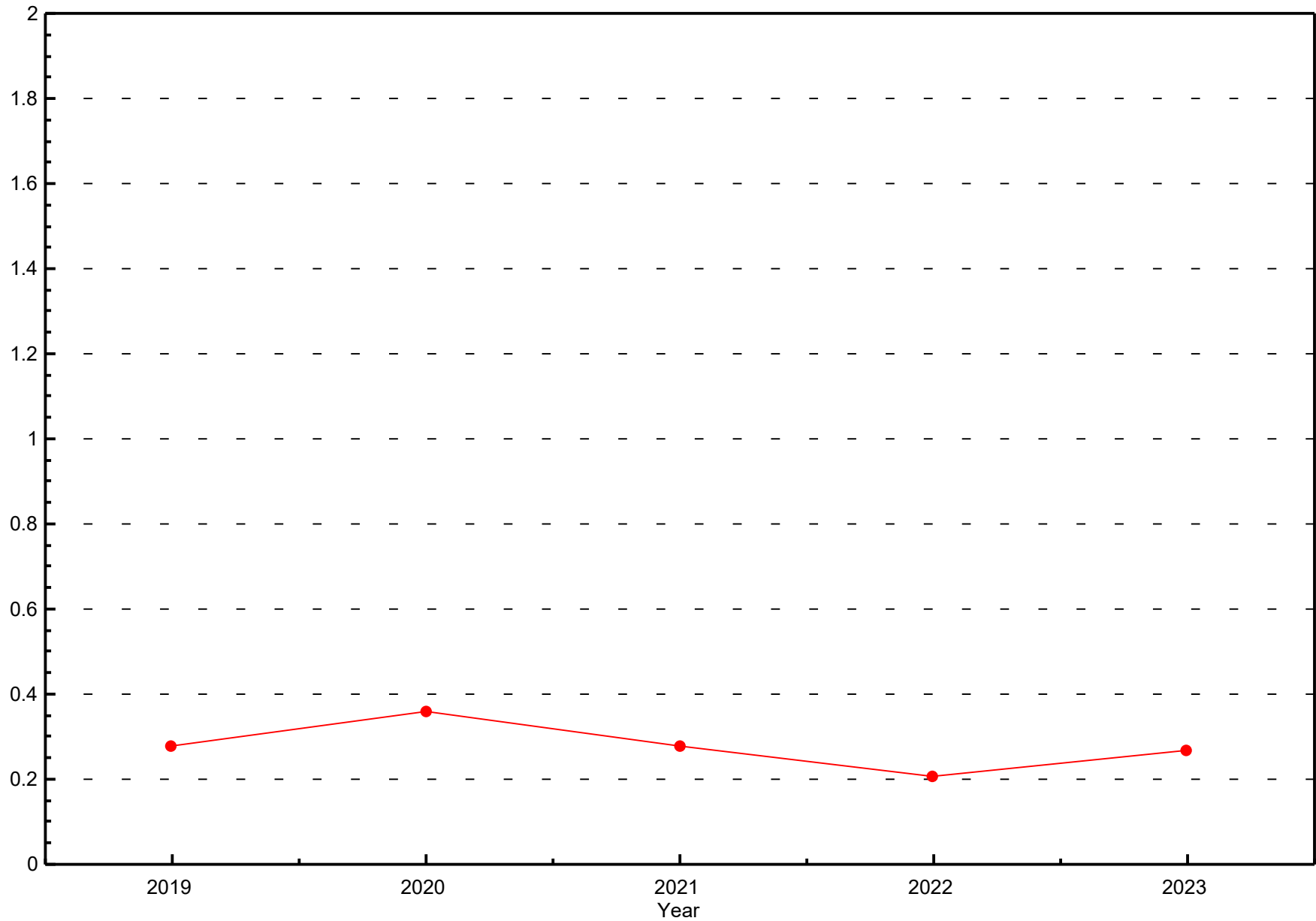
Patricia McInnes (2019 to 2023)





Yearly Averages

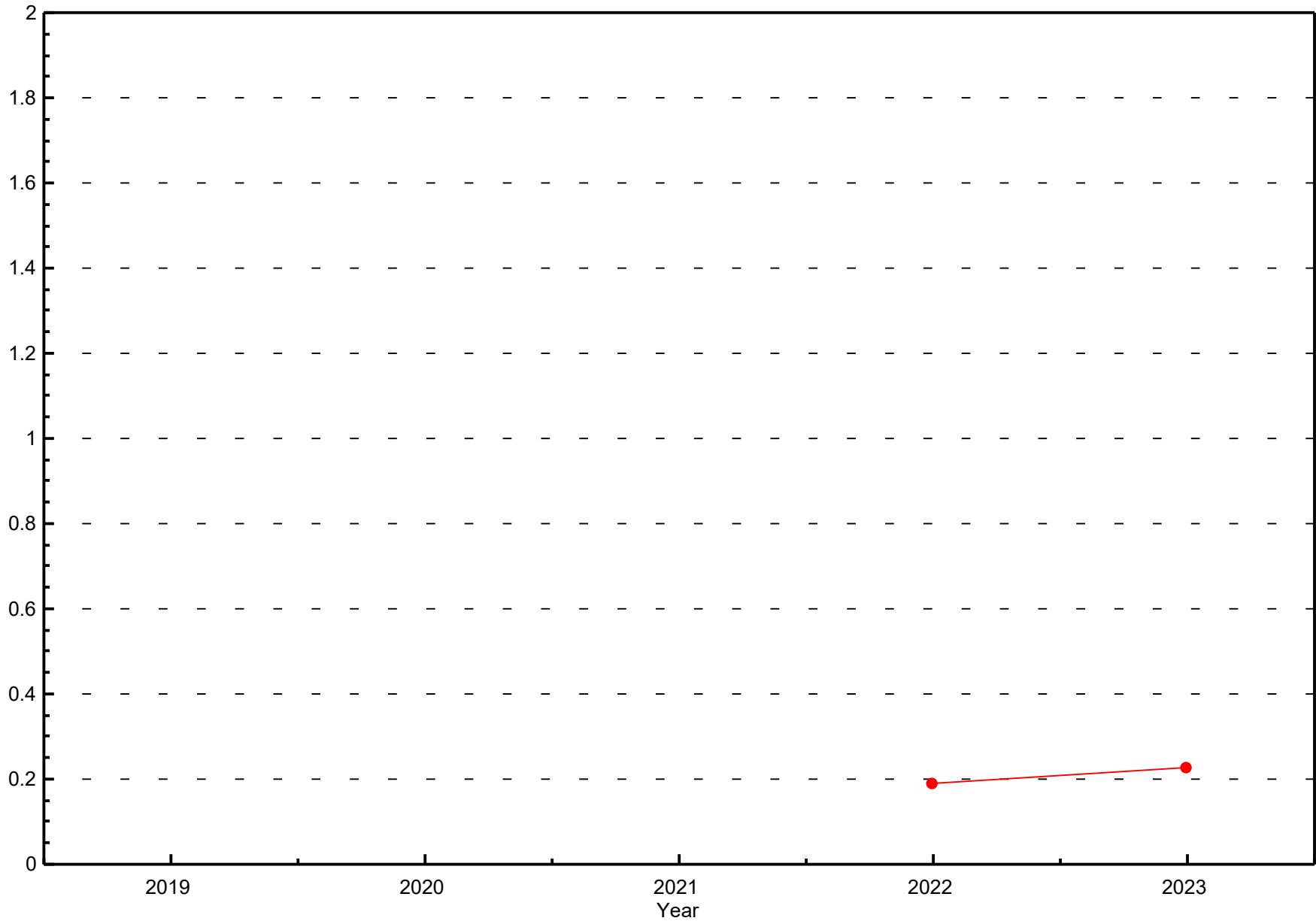
Total Reduced Sulphur (TRS) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

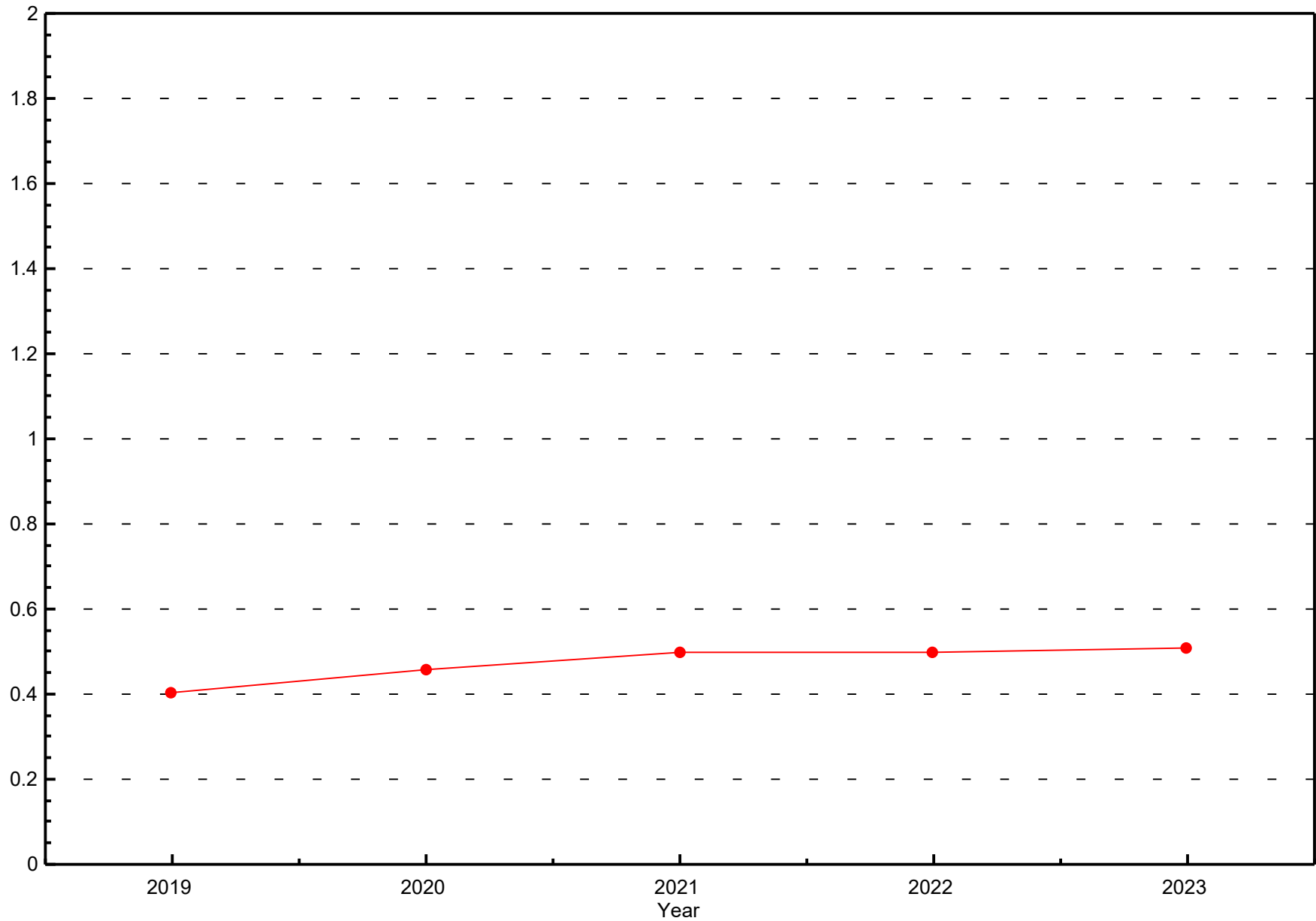
Total Reduced Sulphur (TRS) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

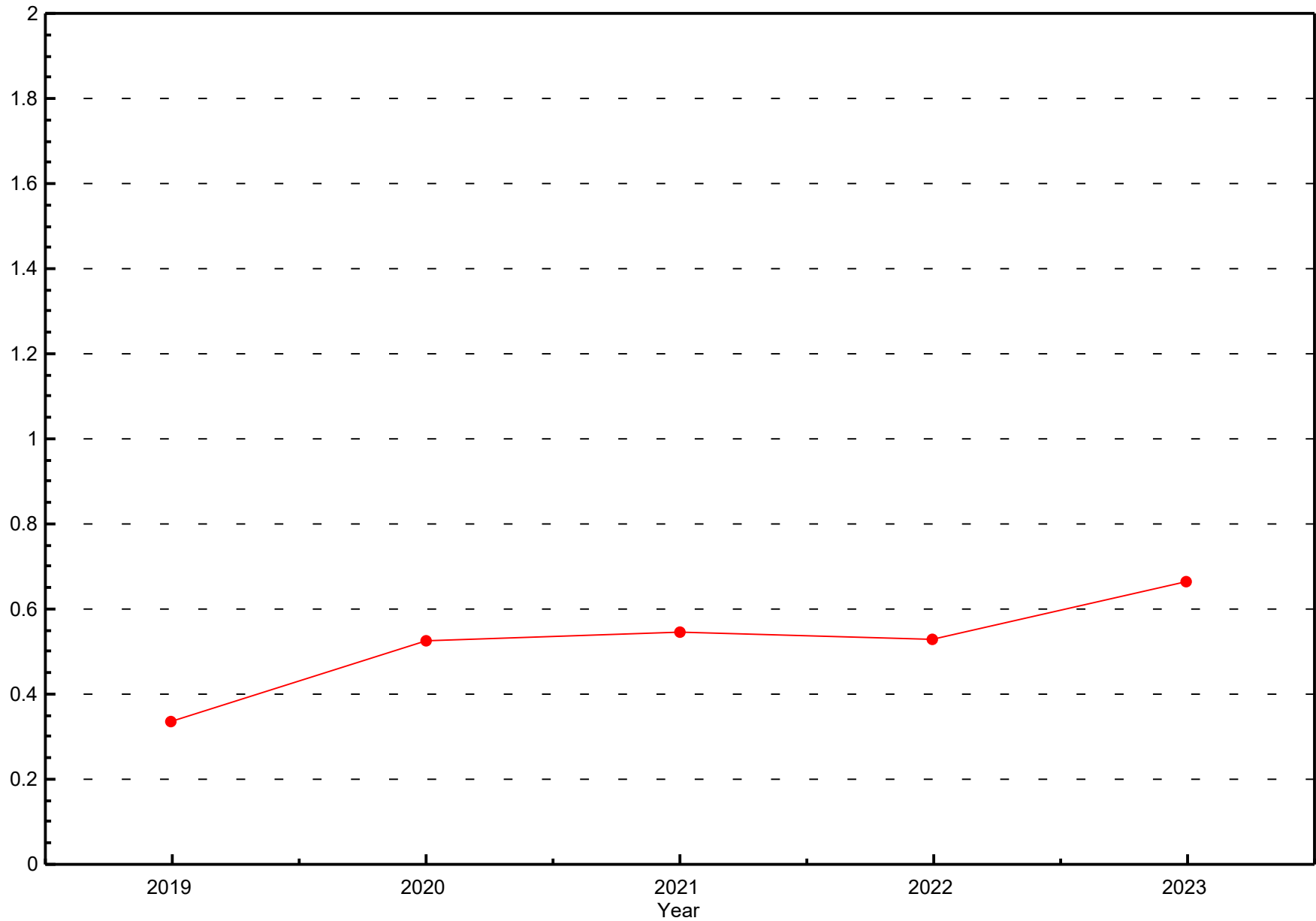
Total Reduced Sulphur (TRS) - ppb
Barge Landing (2019 to 2023)





Yearly Averages

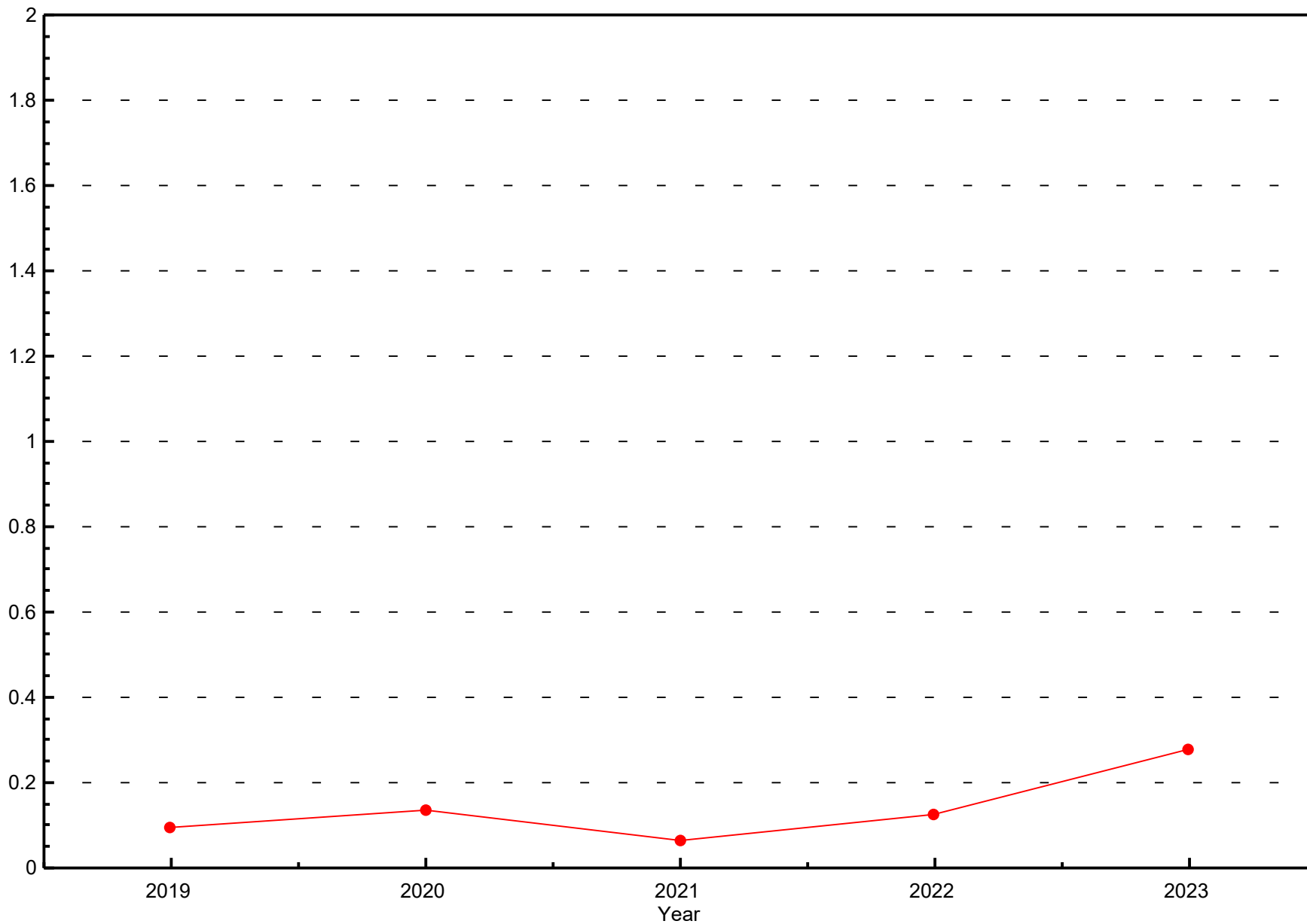
Total Reduced Sulphur (TRS) - ppb
Fort McKay South (2019 to 2023)





Yearly Averages

Total Reduced Sulphur (TRS) - ppb
Anzac (2019 to 2023)

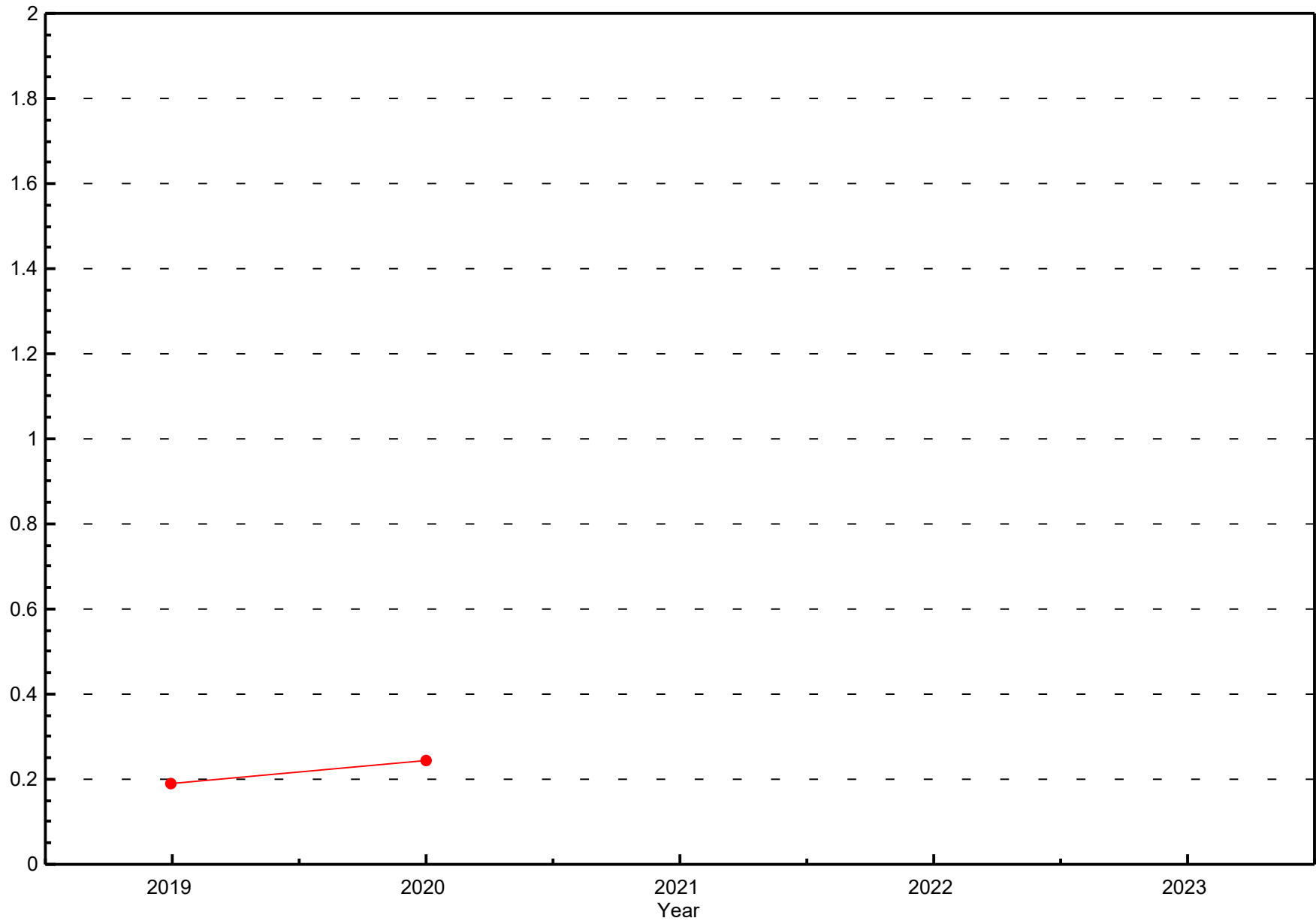




Yearly Averages

Total Reduced Sulphur (TRS) - ppb

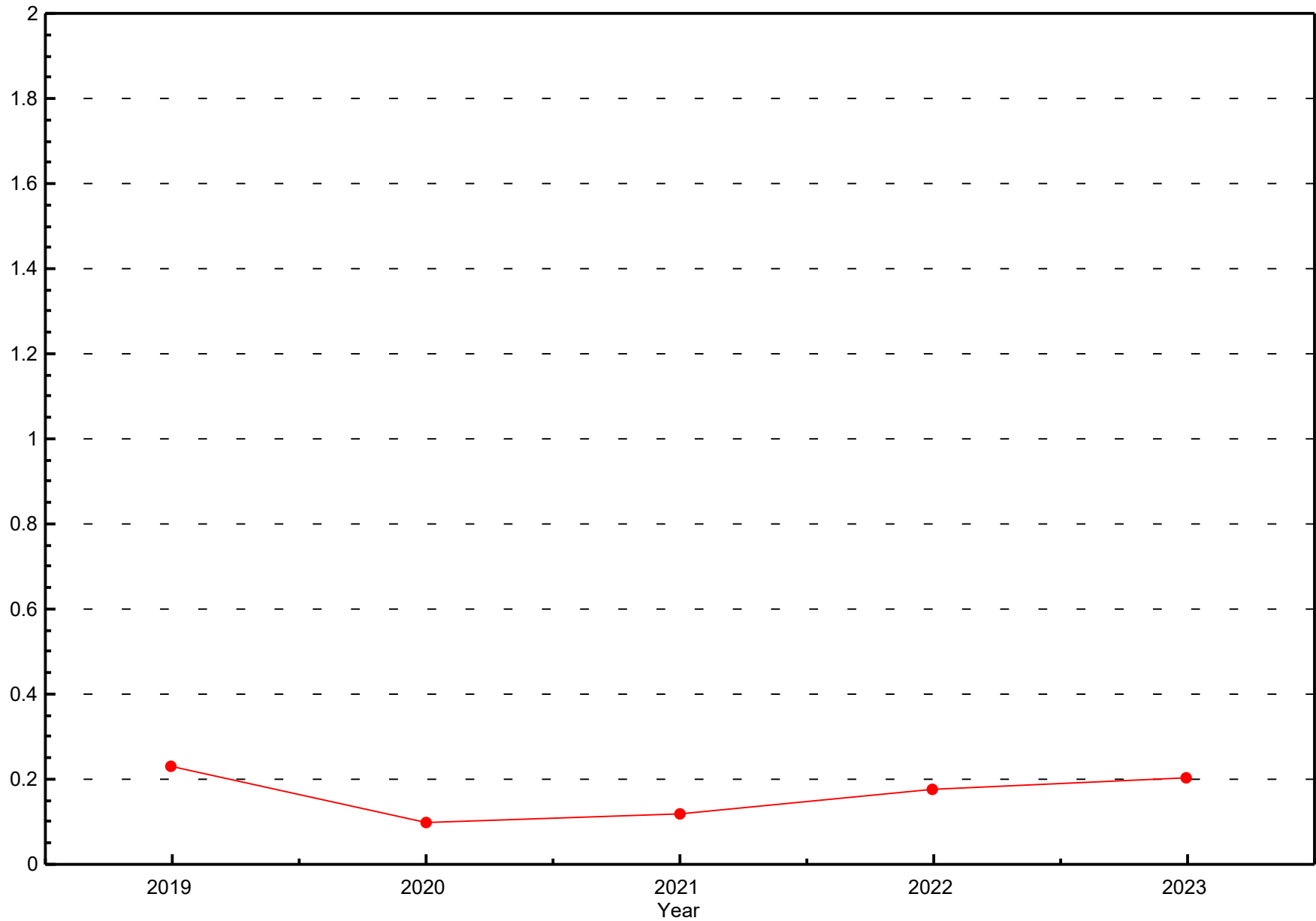
Horizon (2019 to 2023)





Yearly Averages

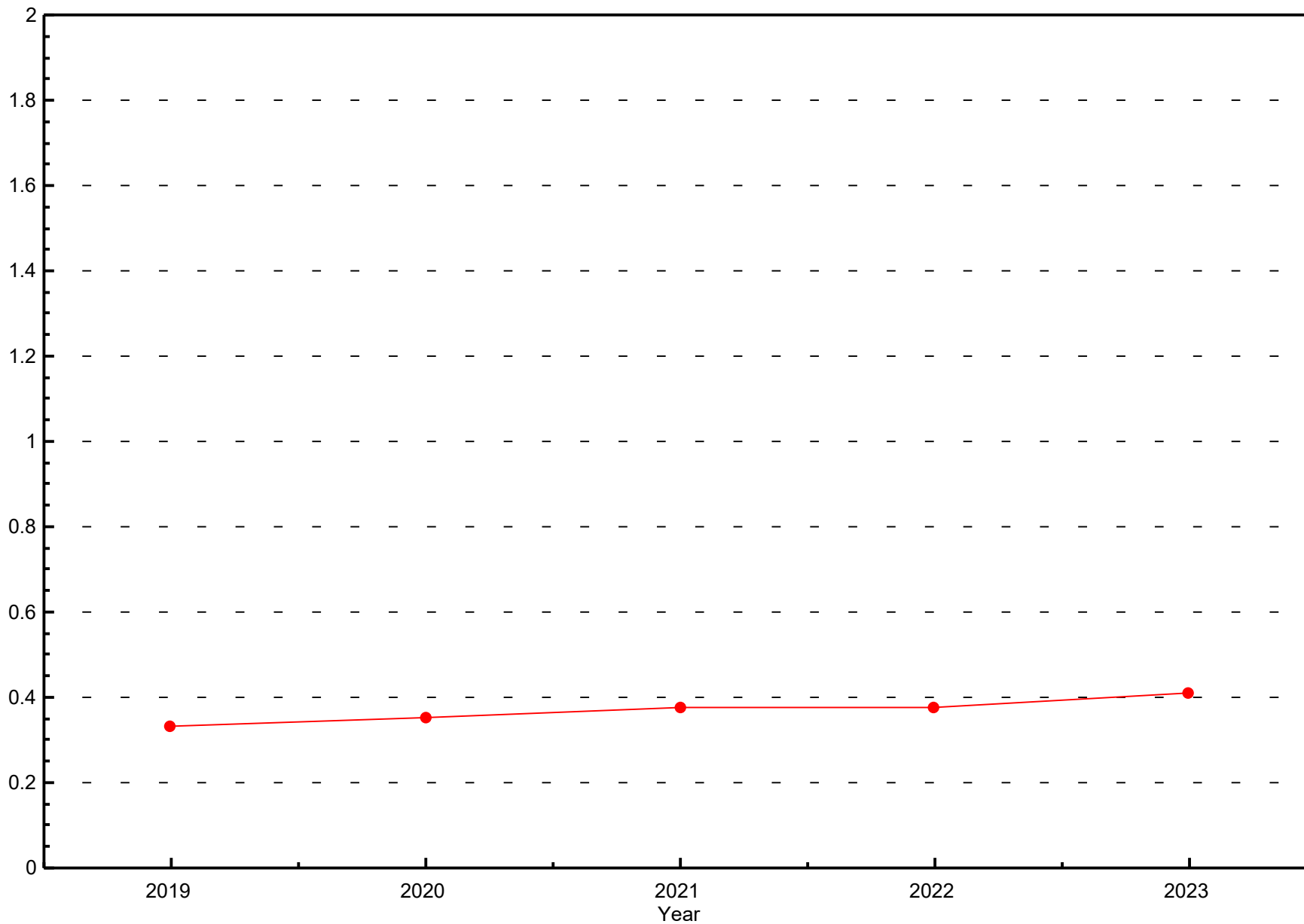
Total Reduced Sulphur (TRS) - ppb
Stony Mountain (2019 to 2023)





Yearly Averages

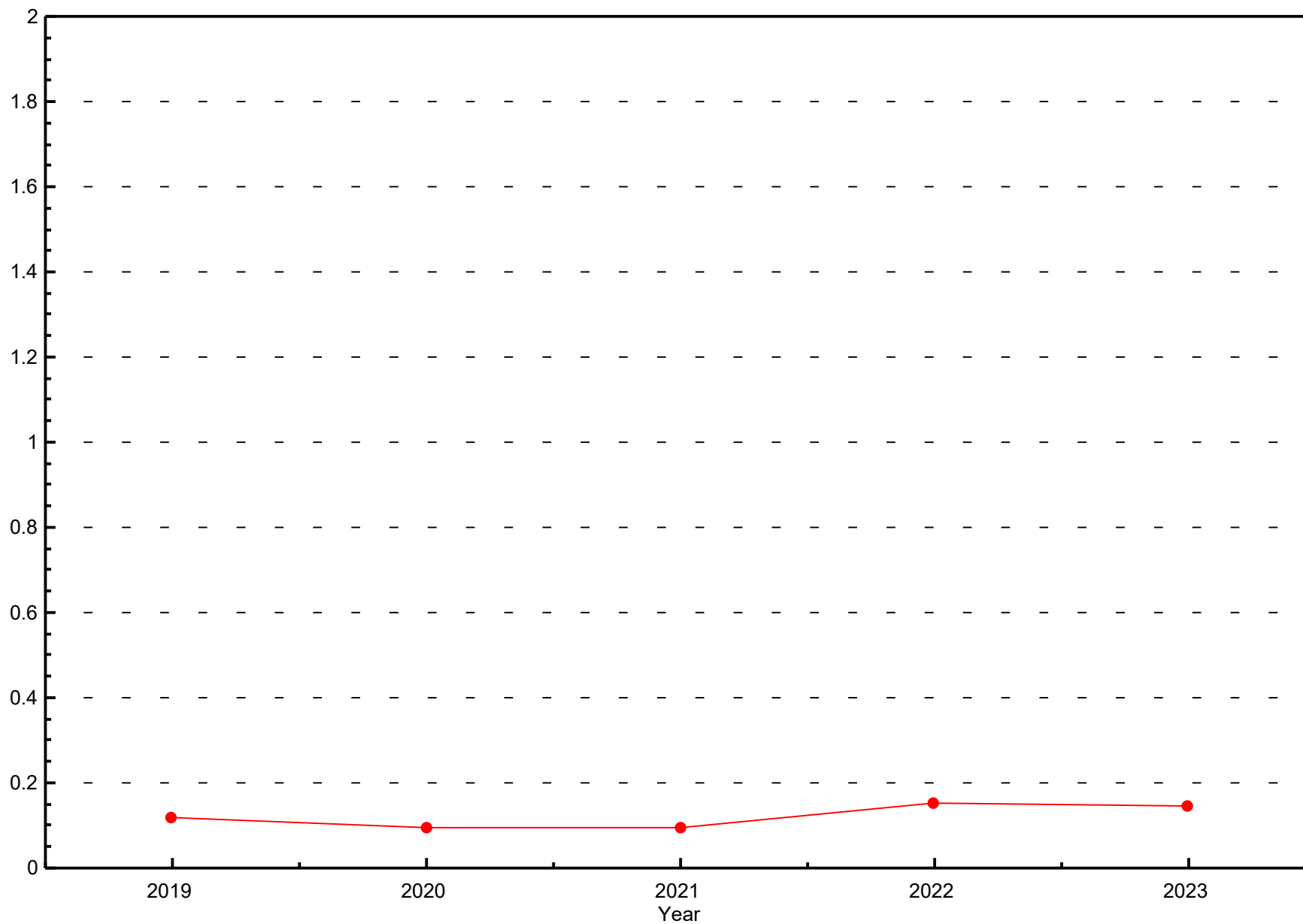
Total Reduced Sulphur (TRS) - ppb
Conklin (2019 to 2023)





Yearly Averages

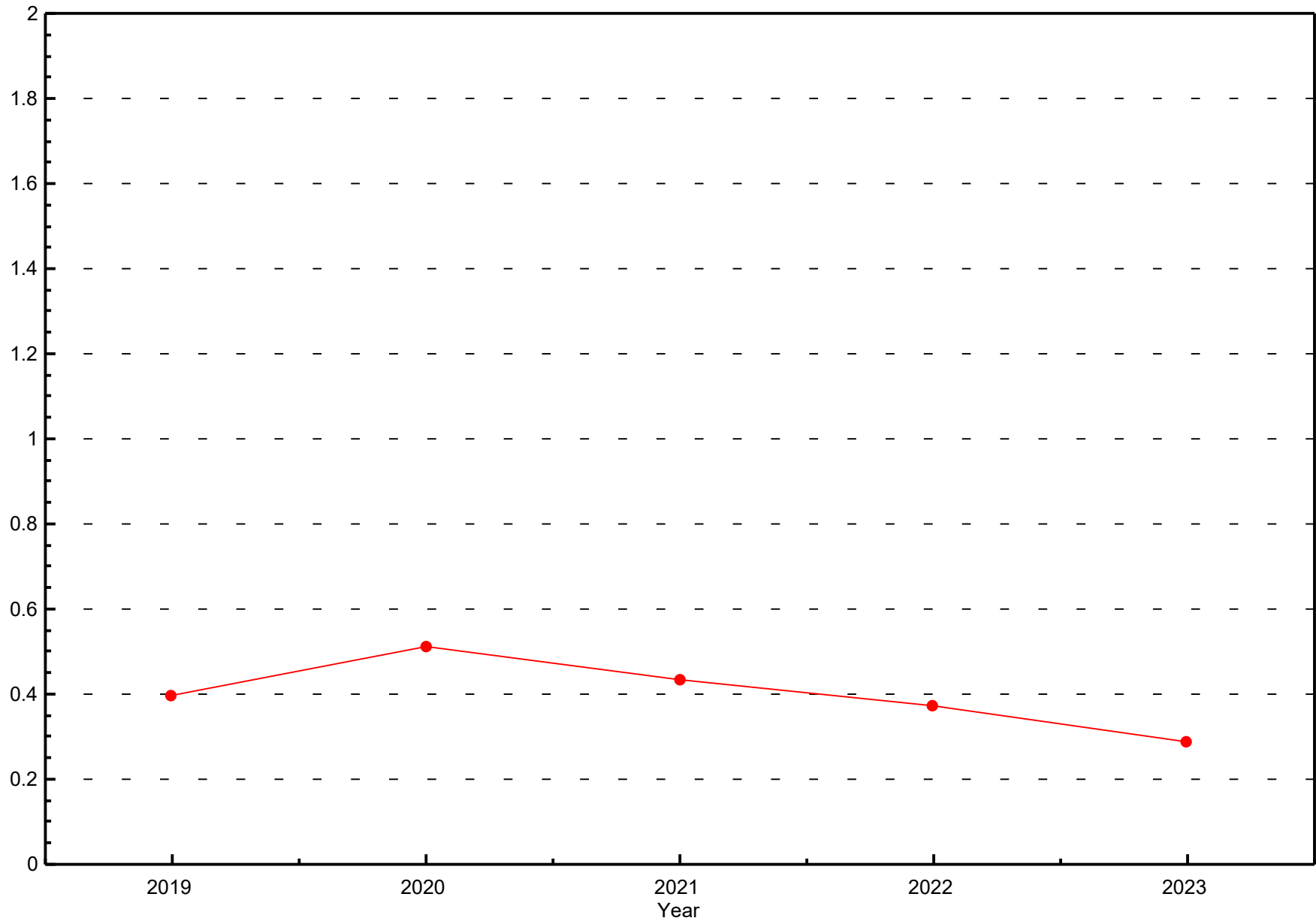
Total Reduced Sulphur (TRS) - ppb
Janvier (2019 to 2023)





Yearly Averages

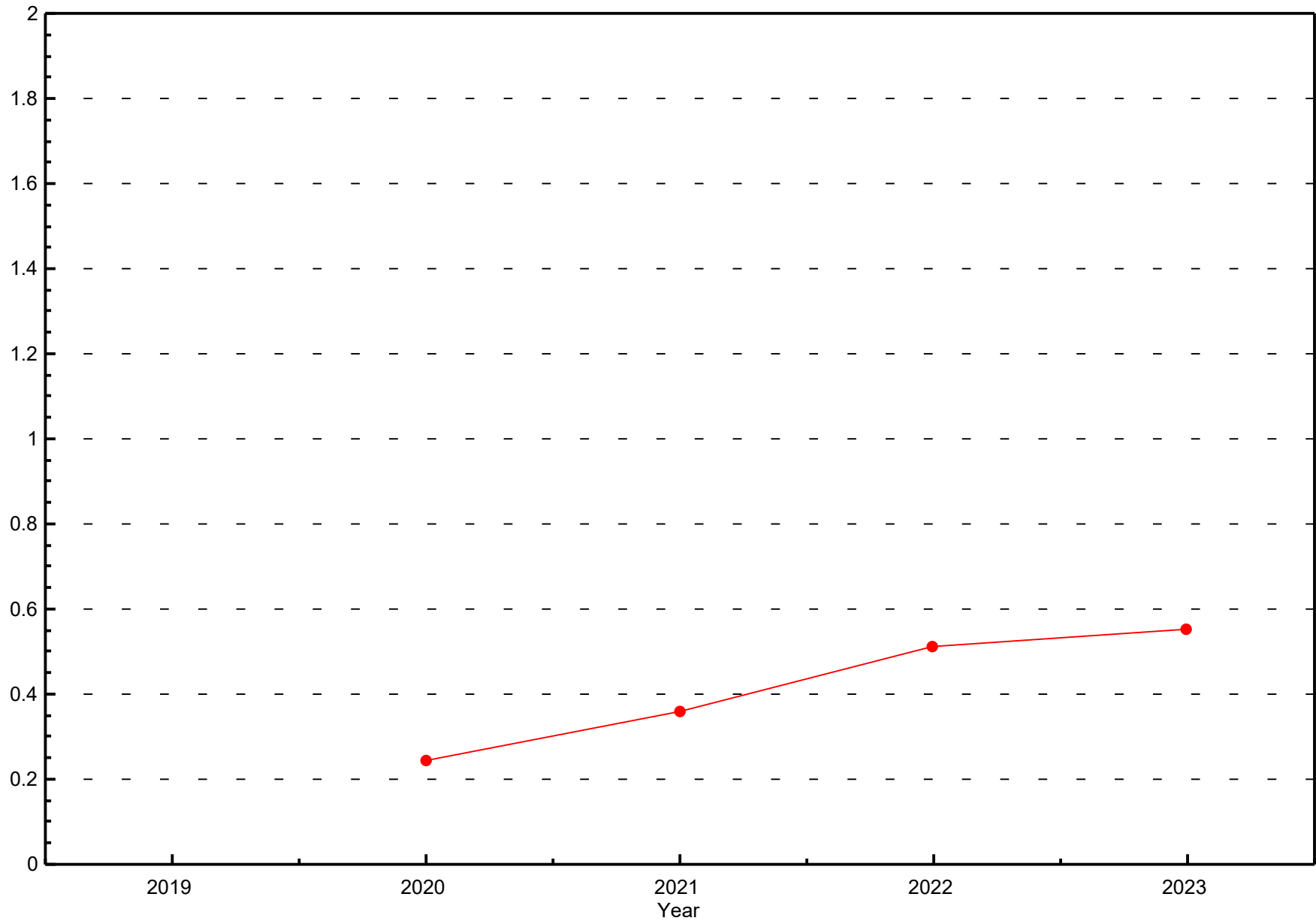
Total Reduced Sulphur (TRS) - ppb
Fort Hills (2019 to 2023)





Yearly Averages

Total Reduced Sulphur (TRS) - ppb
Ells River (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

NITROGEN DIOXIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	14.7	36.3	0	22.8	100	0.0	0.0	0.0
February	100	636	16.2	37.8	0	28.8	100	0.0	0.0	0.0
March	100	704	12.1	51.3	0	22.5	99	0.6	0.0	0.0
April	98	671	6.0	34.6	0	13.8	100	0.0	0.0	0.0
May	100	706	6.2	44.4	0	14.1	100	0.1	0.0	0.0
June	88	600	4.7	27.3	0	12.3	100	0.0	0.0	0.0
July	100	706	4.4	28.9	0	8.0	100	0.0	0.0	0.0
August	100	707	4.6	26.2	0	9.2	100	0.0	0.0	0.0
September	100	683	5.2	30.4	0	10.5	100	0.0	0.0	0.0
October	97	690	5.0	25.0	0	10.7	100	0.0	0.0	0.0
November	100	686	8.2	28.3	0	16.9	100	0.0	0.0	0.0
December	100	708	12.6	33.1	0	21.4	100	0.0	0.0	0.0
Annual	98	8204	8.3	51.3	0	28.8	100	0.1	0.0	0.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	705	8.2	40.2	0	20.3	100	0.0	0.0	0.0
February	97	617	14.0	45.6	0	27.6	99	1.1	0.0	0.0
March	100	708	8.7	47.2	0	25.5	99	0.6	0.0	0.0
April	100	684	5.2	45.2	0	13.0	100	0.4	0.0	0.0
May	96	680	3.0	28.8	0	10.1	100	0.0	0.0	0.0
June	100	683	3.1	42.5	0	10.0	100	0.2	0.0	0.0
July	97	674	3.5	43.4	0	11.3	100	0.2	0.0	0.0
August	100	707	2.9	26.5	0	14.1	100	0.0	0.0	0.0
September	100	684	2.5	26.0	0	8.5	100	0.0	0.0	0.0
October	100	707	3.2	31.9	0	12.3	100	0.0	0.0	0.0
November	100	684	4.9	30.5	0	11.8	100	0.0	0.0	0.0
December	100	707	5.6	39.4	0	19.2	100	0.0	0.0	0.0
Annual	99	8240	5.3	47.2	0	27.6	100	0.2	0.0	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	9.7	38.8	0	20.1	100	0.0	0.0	0.0
February	100	637	12.4	46.4	0	25.7	99	0.8	0.0	0.0
March	100	706	7.9	41.9	0	21.0	100	0.1	0.0	0.0
April	100	683	3.8	31.0	0	10.0	100	0.0	0.0	0.0
May	100	705	2.6	22.9	0	5.5	100	0.0	0.0	0.0
June	100	684	2.5	21.8	0	7.1	100	0.0	0.0	0.0
July	100	706	2.4	15.8	0	6.4	100	0.0	0.0	0.0
August	100	707	2.4	27.0	0	10.9	100	0.0	0.0	0.0
September	100	684	2.3	22.7	0	4.7	100	0.0	0.0	0.0
October	100	707	2.9	28.1	0	11.5	100	0.0	0.0	0.0
November	100	684	5.2	31.9	0	12.5	100	0.0	0.0	0.0
December	100	707	8.1	34.7	0	17.3	100	0.0	0.0	0.0
Annual	100	8318	5.2	46.4	0	25.7	100	0.1	0.0	0.0



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	12.3	36.6	0	21.5	100	0.0	0.0	0.0
February	100	638	14.0	40.5	0	24.7	100	0.2	0.0	0.0
March	100	707	9.6	42.2	0	21.0	100	0.1	0.0	0.0
April	100	683	5.8	31.7	0	10.9	100	0.0	0.0	0.0
May	100	708	4.3	21.8	0	8.8	100	0.0	0.0	0.0
June	100	683	3.9	23.7	0	7.4	100	0.0	0.0	0.0
July	100	706	3.8	15.1	0	7.8	100	0.0	0.0	0.0
August	99	705	4.4	32.8	0	14.5	100	0.0	0.0	0.0
September	100	683	5.1	28.9	0	7.5	100	0.0	0.0	0.0
October	100	707	5.7	29.2	0	11.9	100	0.0	0.0	0.0
November	99	680	7.5	30.5	0	14.9	100	0.0	0.0	0.0
December	100	706	10.8	33.2	0	18.8	100	0.0	0.0	0.0
Annual	100	8314	7.2	42.2	0	24.7	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	706	2.3	20.0	0	7.7	100	0.0	0.0	0.0
February	100	636	1.2	33.6	0	7.8	100	0.0	0.0	0.0
March	100	705	1.0	10.4	0	6.5	100	0.0	0.0	0.0
April	100	685	0.7	8.2	0	2.9	100	0.0	0.0	0.0
May	100	705	1.2	11.4	0	3.4	100	0.0	0.0	0.0
June	100	685	0.9	12.6	0	2.4	100	0.0	0.0	0.0
July	99	698	0.8	9.2	0	2.3	100	0.0	0.0	0.0
August	97	680	0.9	10.2	0	4.3	100	0.0	0.0	0.0
September	99	678	1.3	14.1	0	6.3	100	0.0	0.0	0.0
October	99	704	1.1	11.5	0	3.5	100	0.0	0.0	0.0
November	100	683	1.8	20.0	0	7.4	100	0.0	0.0	0.0
December	100	708	3.4	19.8	0	8.6	100	0.0	0.0	0.0
Annual	99	8273	1.4	33.6	0	8.6	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	16.6	45.3	0	26.2	99	0.9	0.0	0.0
February	99	635	21.1	52.9	0	37.8	94	6.5	0.0	0.0
March	100	708	15.4	53.8	0	27.3	97	2.5	0.0	0.0
April	99	675	8.0	41.6	0	13.9	100	0.3	0.0	0.0
May	100	707	7.9	42.4	0	14.5	100	0.1	0.0	0.0
June	99	679	5.7	29.3	0	11.2	100	0.0	0.0	0.0
July	100	708	5.4	30.6	0	9.8	100	0.0	0.0	0.0
August	100	708	5.9	26.8	0	10.6	100	0.0	0.0	0.0
September	100	683	7.0	31.3	0	12.4	100	0.0	0.0	0.0
October	99	701	7.0	30.4	0	13.0	100	0.0	0.0	0.0
November	100	685	9.7	32.8	0	17.8	100	0.0	0.0	0.0
December	100	708	14.5	37.9	0	24.8	100	0.0	0.0	0.0
Annual	100	8304	10.3	53.8	0	37.8	99	0.8	0.0	0.0



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	14.4	37.9	0	23.6	100	0.0	0.0	0.0
February	100	638	16.0	37.6	0	27.2	100	0.0	0.0	0.0
March	99	703	11.3	46.8	0	20.1	100	0.3	0.0	0.0
April	100	684	6.5	39.2	0	14.6	100	0.0	0.0	0.0
May	97	680	5.7	44.4	0	13.4	100	0.3	0.0	0.0
June	99	677	4.1	24.5	0	9.5	100	0.0	0.0	0.0
July	100	707	4.0	34.7	0	7.9	100	0.0	0.0	0.0
August	100	707	4.0	23.8	0	8.9	100	0.0	0.0	0.0
September	100	685	4.6	26.2	0	11.1	100	0.0	0.0	0.0
October	100	707	4.3	25.1	0	9.7	100	0.0	0.0	0.0
November	100	686	7.1	26.1	0	13.2	100	0.0	0.0	0.0
December	100	707	11.6	33.8	0	17.5	100	0.0	0.0	0.0
Annual	100	8289	7.8	46.8	0	27.2	100	0.1	0.0	0.0



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	3.6	22.6	0	7.1	100	0.0	0.0	0.0
February	100	638	5.6	36.5	0	11.8	100	0.0	0.0	0.0
March	100	707	4.0	27.7	0	8.9	100	0.0	0.0	0.0
April	99	681	1.9	15.7	0	3.9	100	0.0	0.0	0.0
May	100	708	1.9	10.6	0	3.7	100	0.0	0.0	0.0
June	99	676	1.4	8.7	0	3.1	100	0.0	0.0	0.0
July	99	703	1.4	11.9	0	4.2	100	0.0	0.0	0.0
August	98	692	1.4	9.3	0	3.3	100	0.0	0.0	0.0
September	100	683	1.9	9.4	0	4.2	100	0.0	0.0	0.0
October	100	708	1.8	15.6	0	5.8	100	0.0	0.0	0.0
November	100	685	2.4	16.4	0	5.3	100	0.0	0.0	0.0
December	99	704	3.6	28.2	0	11.2	100	0.0	0.0	0.0
Annual	100	8292	2.5	36.5	0	11.8	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	5.8	31.4	0	19.3	100	0.0	0.0	0.0
February	100	639	5.2	30.0	0	11.3	100	0.0	0.0	0.0
March	100	707	2.5	21.6	0	6.3	100	0.0	0.0	0.0
April	100	684	1.2	16.8	0	5.8	100	0.0	0.0	0.0
May	100	707	1.8	18.7	0	4.5	100	0.0	0.0	0.0
June	97	660	1.8	15.2	0	3.5	100	0.0	0.0	0.0
July	100	705	2.2	20.0	0	6.1	100	0.0	0.0	0.0
August	100	707	2.5	26.1	0	6.2	100	0.0	0.0	0.0
September	100	684	3.0	13.7	0	7.9	100	0.0	0.0	0.0
October	100	708	2.3	18.2	0	5.7	100	0.0	0.0	0.0
November	100	685	3.9	31.0	0	10.6	100	0.0	0.0	0.0
December	100	708	5.1	28.6	0	11.1	100	0.0	0.0	0.0
Annual	100	8302	3.1	31.4	0	19.3	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	99	702	2.5	16.1	0	6.7	100	0.0	0.0	0.0
February	100	639	2.0	13.5	0	4.7	100	0.0	0.0	0.0
March	100	706	1.6	10.2	0	2.7	100	0.0	0.0	0.0
April	100	685	1.1	13.4	0	2.3	100	0.0	0.0	0.0
May	97	686	1.4	15.2	0	4.1	100	0.0	0.0	0.0
June	100	684	0.9	4.2	0	2.2	100	0.0	0.0	0.0
July	100	706	0.9	7.7	0	4.0	100	0.0	0.0	0.0
August	97	686	0.6	3.3	0	1.5	100	0.0	0.0	0.0
September	98	673	1.1	5.1	0	3.4	100	0.0	0.0	0.0
October	100	707	0.7	3.6	0	1.5	100	0.0	0.0	0.0
November	100	684	1.1	7.4	0	3.1	100	0.0	0.0	0.0
December	100	707	2.4	9.6	0	5.5	100	0.0	0.0	0.0
Annual	99	8265	1.4	16.1	0	6.7	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	706	7.5	38.7	0	20.7	100	0.0	0.0	0.0
February	100	639	6.8	63.3	0	18.0	98	2.2	0.0	0.0
March	100	707	4.9	51.0	0	9.6	100	0.3	0.0	0.0
April	100	685	2.3	14.1	0	5.4	100	0.0	0.0	0.0
May	100	706	2.1	15.5	0	5.2	100	0.0	0.0	0.0
June	100	685	1.6	12.2	0	4.3	100	0.0	0.0	0.0
July	100	708	2.0	15.2	0	4.3	100	0.0	0.0	0.0
August	100	708	2.2	15.3	0	4.3	100	0.0	0.0	0.0
September	100	685	3.3	17.1	0	6.7	100	0.0	0.0	0.0
October	100	708	2.4	22.9	0	5.8	100	0.0	0.0	0.0
November	100	686	3.9	22.2	0	8.9	100	0.0	0.0	0.0
December	100	706	5.3	29.8	0	12.2	100	0.0	0.0	0.0
Annual	100	8329	3.7	63.3	0	20.7	100	0.2	0.0	0.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	709	3.0	30.3	0	7.7	100	0.0	0.0	0.0
February	100	638	5.6	34.3	0	22.9	100	0.0	0.0	0.0
March	100	706	3.8	29.9	0	12.8	100	0.0	0.0	0.0
April	100	685	1.4	15.4	0	4.2	100	0.0	0.0	0.0
May	100	707	1.5	27.2	0	6.6	100	0.0	0.0	0.0
June	100	685	1.3	12.5	0	3.4	100	0.0	0.0	0.0
July	100	709	1.6	17.0	0	5.4	100	0.0	0.0	0.0
August	100	707	1.0	12.2	0	4.1	100	0.0	0.0	0.0
September	100	685	1.0	13.5	0	4.4	100	0.0	0.0	0.0
October	100	706	1.2	27.2	0	11.8	100	0.0	0.0	0.0
November	98	670	1.9	23.7	0	7.9	100	0.0	0.0	0.0
December	99	701	1.8	33.9	0	9.4	100	0.0	0.0	0.0
Annual	100	8308	2.1	34.3	0	22.9	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	3.3	18.6	0	6.7	100	0.0	0.0	0.0
February	100	637	2.8	21.0	0	5.1	100	0.0	0.0	0.0
March	100	707	2.4	18.4	0	5.8	100	0.0	0.0	0.0
April	100	685	1.5	9.5	0	2.6	100	0.0	0.0	0.0
May	100	708	2.0	16.0	0	4.7	100	0.0	0.0	0.0
June	100	683	1.4	9.7	0	3.4	100	0.0	0.0	0.0
July	100	708	1.3	9.0	0	4.4	100	0.0	0.0	0.0
August	100	707	1.8	15.0	0	4.5	100	0.0	0.0	0.0
September	100	683	2.1	13.2	0	3.5	100	0.0	0.0	0.0
October	99	702	2.0	16.6	0	3.7	100	0.0	0.0	0.0
November	100	685	1.8	15.9	0	4.0	100	0.0	0.0	0.0
December	100	705	3.2	16.0	0	6.7	100	0.0	0.0	0.0
Annual	100	8318	2.1	21.0	0	6.7	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	94	664	2.3	9.7	0	4.4	100	0.0	0.0	0.0
February	100	637	2.2	13.0	0	5.3	100	0.0	0.0	0.0
March	100	707	1.5	10.3	0	3.8	100	0.0	0.0	0.0
April	100	682	0.8	8.9	0	1.9	100	0.0	0.0	0.0
May	98	684	1.6	10.6	0	3.4	100	0.0	0.0	0.0
June	99	676	1.0	5.4	0	2.0	100	0.0	0.0	0.0
July	90	638	0.9	5.1	0	2.7	100	0.0	0.0	0.0
August	100	707	1.0	8.7	0	3.0	100	0.0	0.0	0.0
September	99	678	1.1	5.5	0	2.9	100	0.0	0.0	0.0
October	100	708	1.1	17.5	0	3.0	100	0.0	0.0	0.0
November	100	685	1.4	7.0	0	3.6	100	0.0	0.0	0.0
December	100	706	2.6	9.6	0	6.4	100	0.0	0.0	0.0
Annual	98	8172	1.5	17.5	0	6.4	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	16.2	47.4	0	27.8	99	0.7	0.0	0.0
February	92	589	19.4	55.5	0	31.0	97	3.4	0.0	0.0
March	96	676	17.9	55.4	0	31.8	97	3.1	0.0	0.0
April	94	646	13.4	47.2	0	23.5	97	2.6	0.0	0.0
May	99	703	11.2	46.1	0	19.9	98	1.7	0.0	0.0
June	99	680	7.1	42.9	0	17.3	100	0.2	0.0	0.0
July	99	700	6.9	40.6	0	15.0	100	0.1	0.0	0.0
August	96	681	8.1	44.7	0	19.1	100	0.4	0.0	0.0
September	100	684	9.0	36.5	0	14.9	100	0.0	0.0	0.0
October	100	706	10.7	40.7	0	21.0	100	0.1	0.0	0.0
November	100	686	13.5	43.5	0	25.3	100	0.3	0.0	0.0
December	100	705	14.7	65.4	0	33.2	99	1.3	0.0	0.0
Annual	98	8163	12.3	65.4	0	33.2	99	1.1	0.0	0.0



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	6.0	28.2	0	17.4	100	0.0	0.0	0.0
February	100	636	5.0	28.1	0	10.9	100	0.0	0.0	0.0
March	100	706	4.3	25.2	0	9.0	100	0.0	0.0	0.0
April	100	683	2.8	16.8	0	6.0	100	0.0	0.0	0.0
May	100	707	2.9	18.7	0	5.5	100	0.0	0.0	0.0
June	97	663	2.5	15.2	0	4.9	100	0.0	0.0	0.0
July	97	681	2.0	16.9	0	5.4	100	0.0	0.0	0.0
August	100	704	4.0	30.1	0	9.1	100	0.0	0.0	0.0
September	100	682	3.5	21.3	0	14.0	100	0.0	0.0	0.0
October	100	707	3.0	17.1	0	7.1	100	0.0	0.0	0.0
November	100	685	3.6	19.7	0	7.8	100	0.0	0.0	0.0
December	100	707	5.4	19.7	0	9.3	100	0.0	0.0	0.0
Annual	99	8268	3.8	30.1	0	17.4	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	99	701	2.7	22.1	0	8.7	100	0.0	0.0	0.0
February	100	636	2.3	12.6	0	5.2	100	0.0	0.0	0.0
March	100	706	1.6	7.4	0	3.1	100	0.0	0.0	0.0
April	97	661	0.7	6.8	0	1.5	100	0.0	0.0	0.0
May	100	706	1.7	19.5	0	5.2	100	0.0	0.0	0.0
June	96	656	1.0	7.2	0	2.0	100	0.0	0.0	0.0
July	100	705	0.6	8.3	0	3.1	100	0.0	0.0	0.0
August	100	707	0.5	5.0	0	1.8	100	0.0	0.0	0.0
September	100	685	0.8	6.9	0	2.9	100	0.0	0.0	0.0
October	100	707	0.8	5.7	0	1.5	100	0.0	0.0	0.0
November	94	647	1.1	6.6	0	3.1	100	0.0	0.0	0.0
December	98	692	2.2	10.1	0	4.7	100	0.0	0.0	0.0
Annual	99	8209	1.3	22.1	0	8.7	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	705	2.7	20.3	0	5.2	100	0.0	0.0	0.0
February	100	635	3.9	28.4	0	11.1	100	0.0	0.0	0.0
March	99	696	2.3	13.7	0	5.9	100	0.0	0.0	0.0
April	100	684	1.1	7.2	0	3.2	100	0.0	0.0	0.0
May	100	706	1.7	11.9	0	3.4	100	0.0	0.0	0.0
June	100	681	1.3	7.4	0	2.6	100	0.0	0.0	0.0
July	100	707	1.1	8.8	0	4.0	100	0.0	0.0	0.0
August	100	705	1.0	9.0	0	2.6	100	0.0	0.0	0.0
September	99	676	1.4	7.6	0	4.0	100	0.0	0.0	0.0
October	100	705	1.1	8.5	0	3.4	100	0.0	0.0	0.0
November	100	687	1.3	8.6	0	2.7	100	0.0	0.0	0.0
December	100	708	2.3	20.4	0	8.9	100	0.0	0.0	0.0
Annual	100	8295	1.7	28.4	0	11.1	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	707	13.5	38.8	0	24.2	100	0.0	0.0	0.0
February	99	632	12.6	41.0	0	23.6	100	0.2	0.0	0.0
March	100	707	8.7	40.2	0	16.4	100	0.0	0.0	0.0
April	100	684	6.4	43.0	0	13.3	100	0.4	0.0	0.0
May	100	707	5.4	36.8	0	12.6	100	0.0	0.0	0.0
June	97	663	4.6	29.9	0	13.2	100	0.0	0.0	0.0
July	100	708	4.2	29.0	0	10.0	100	0.0	0.0	0.0
August	100	707	3.7	24.6	0	8.5	100	0.0	0.0	0.0
September	100	685	4.2	33.5	0	8.3	100	0.0	0.0	0.0
October	100	708	4.3	27.8	0	14.1	100	0.0	0.0	0.0
November	100	684	6.9	30.1	0	16.6	100	0.0	0.0	0.0
December	100	708	7.8	33.0	0	18.6	100	0.0	0.0	0.0
Annual	100	8300	6.8	43.0	0	24.2	100	0.1	0.0	0.0



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
October	100	704	1.4	10.8	0	4.1	100	0.0	0.0	0.0
November	100	685	1.6	13.1	0	4.2	100	0.0	0.0	0.0
December	100	707	2.6	19.2	0	8.3	100	0.0	0.0	0.0
Annual	100	2096	1.9	19.2	0	8.3	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
July	93	659	1.8	18.7	0	7.6	100	0.0	0.0	0.0
August	89	632	2.3	16.1	0	4.9	100	0.0	0.0	0.0
September	100	684	2.4	16.3	0	10.8	100	0.0	0.0	0.0
October	100	708	1.8	14.5	0	5.9	100	0.0	0.0	0.0
November	100	685	3.2	16.4	0	8.6	100	0.0	0.0	0.0
December	100	707	5.5	20.8	0	12.7	100	0.0	0.0	0.0
Annual	97	4075	2.8	20.8	0	12.7	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	100	708	3.6	20.6	0	7.0	100	0.0	0.0	0.0
February	99	635	3.5	15.0	0	5.8	100	0.0	0.0	0.0
March	100	707	2.5	16.8	0	5.1	100	0.0	0.0	0.0
April	100	685	1.6	13.5	0	3.8	100	0.0	0.0	0.0
May	100	708	2.1	23.1	0	4.5	100	0.0	0.0	0.0
June	100	684	1.7	9.4	0	3.1	100	0.0	0.0	0.0
July	100	708	1.7	13.8	0	4.9	100	0.0	0.0	0.0
Annual	100	4835	2.4	23.1	0	7.0	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
July	97	560	1.3	31.4	0	4.3	100	0.0	0.0	0.0
August	100	707	1.3	43.4	0	10.9	100	0.1	0.0	0.0
September	100	685	2.0	16.9	0	5.8	100	0.0	0.0	0.0
October	99	700	1.6	19.4	0	10.8	100	0.0	0.0	0.0
November	100	685	1.7	8.7	0	3.5	100	0.0	0.0	0.0
December	100	708	3.0	13.0	0	6.3	100	0.0	0.0	0.0
Annual	99	4045	1.8	43.4	0	10.9	100	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
January	99	701	3.2	14.4	0	9.5	100	0.0	0.0	0.0
February	100	637	2.7	18.4	0	6.2	100	0.0	0.0	0.0
March	100	706	2.0	10.6	0	4.0	100	0.0	0.0	0.0
April	100	683	1.3	9.1	0	3.3	100	0.0	0.0	0.0
May	94	663	1.4	18.2	0	4.6	100	0.0	0.0	0.0
June	91	618	1.0	5.1	0	2.0	100	0.0	0.0	0.0
Annual	97	4008	1.9	18.4	0	9.5	100	0.0	0.0	0.0



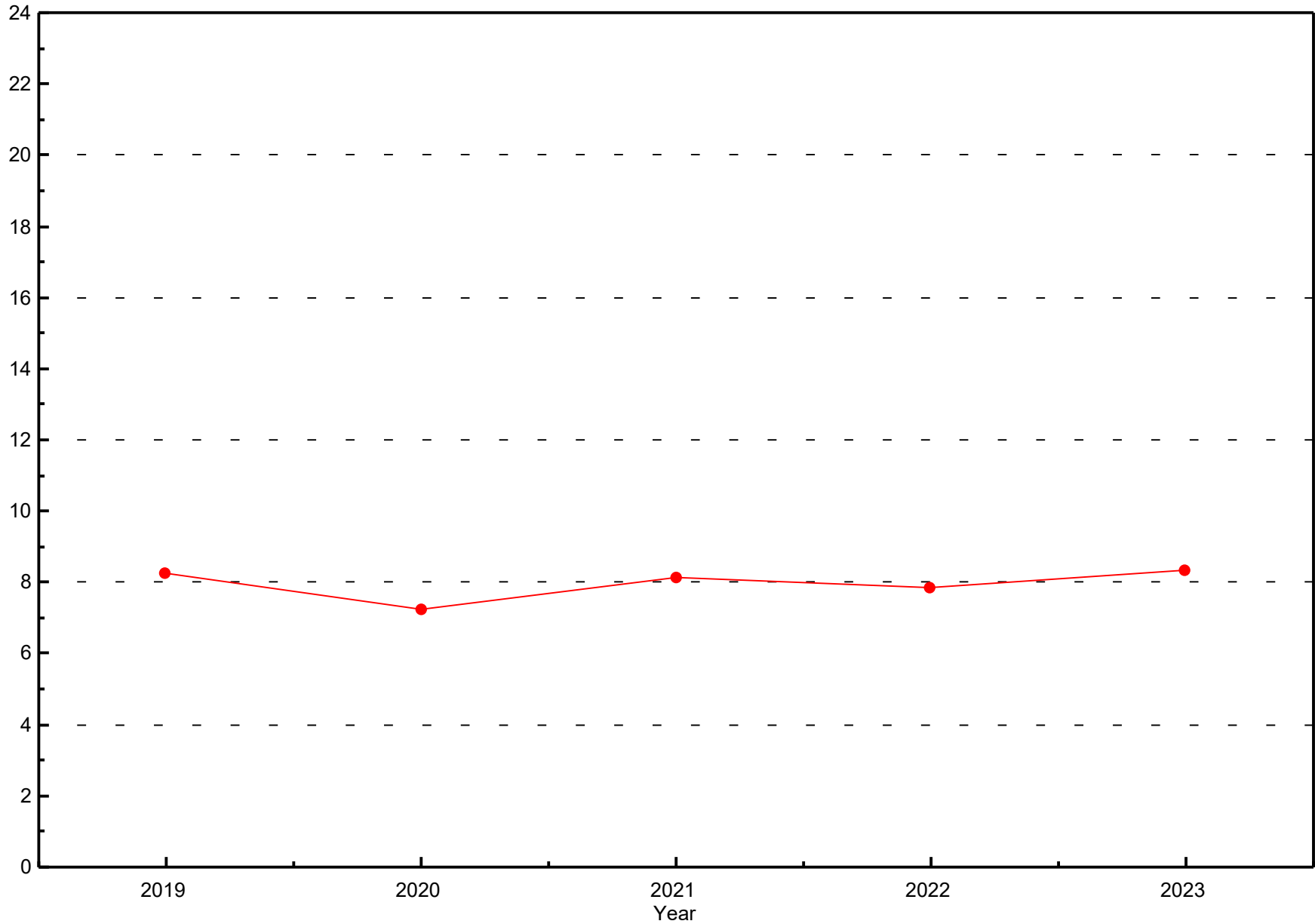
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Nitrogen Dioxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range			
							0 - 40	41 - 80	81 - 159	>159
October	99	693	1.4	13.3	0	4.2	100	0.0	0.0	0.0
November	100	685	2.1	17.1	0	4.1	100	0.0	0.0	0.0
December	99	701	4.0	37.3	0	10.7	100	0.0	0.0	0.0
Annual	99	2079	2.5	37.3	0	10.7	100	0.0	0.0	0.0



Yearly Averages

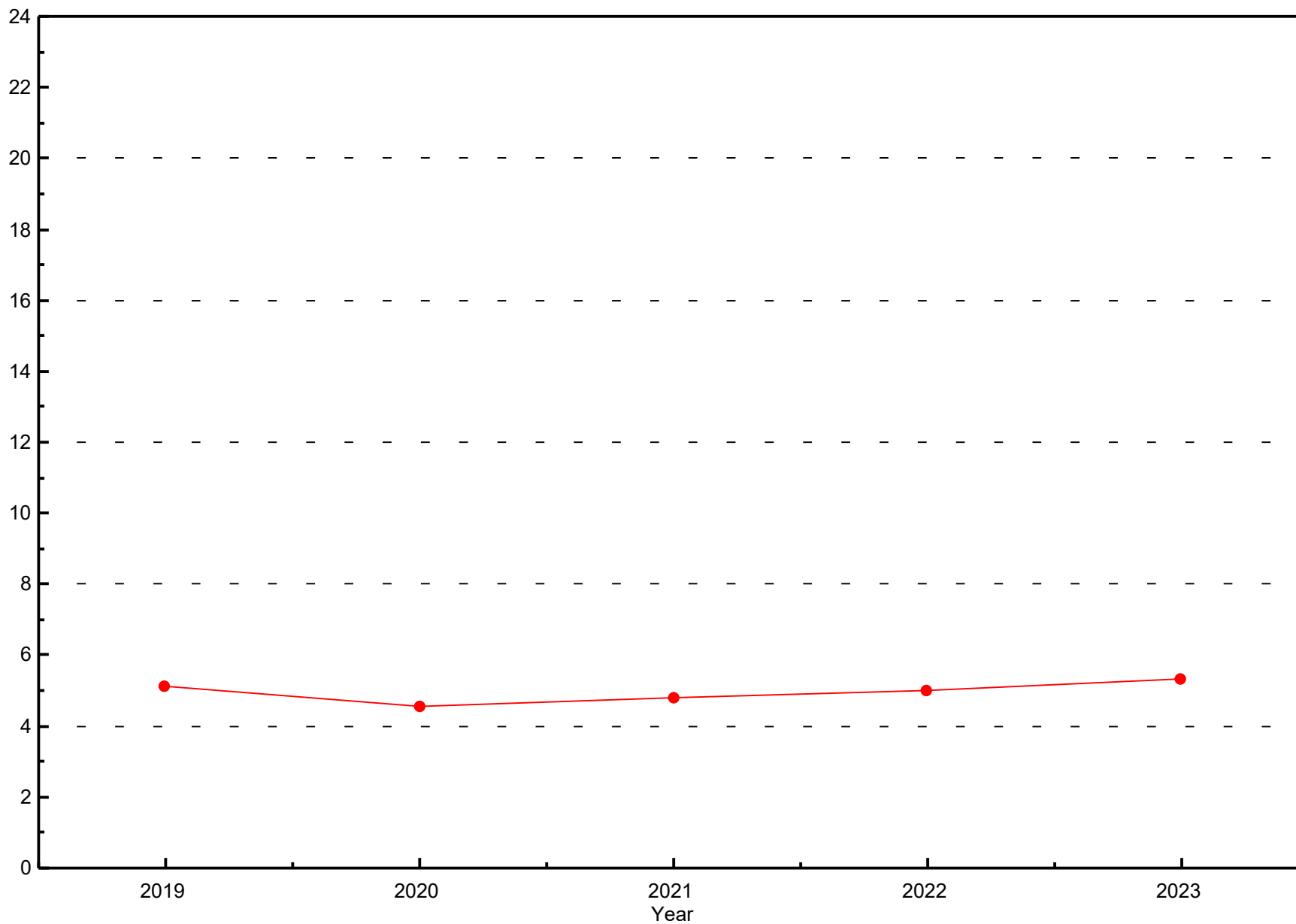
Nitrogen Dioxide (NO₂) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

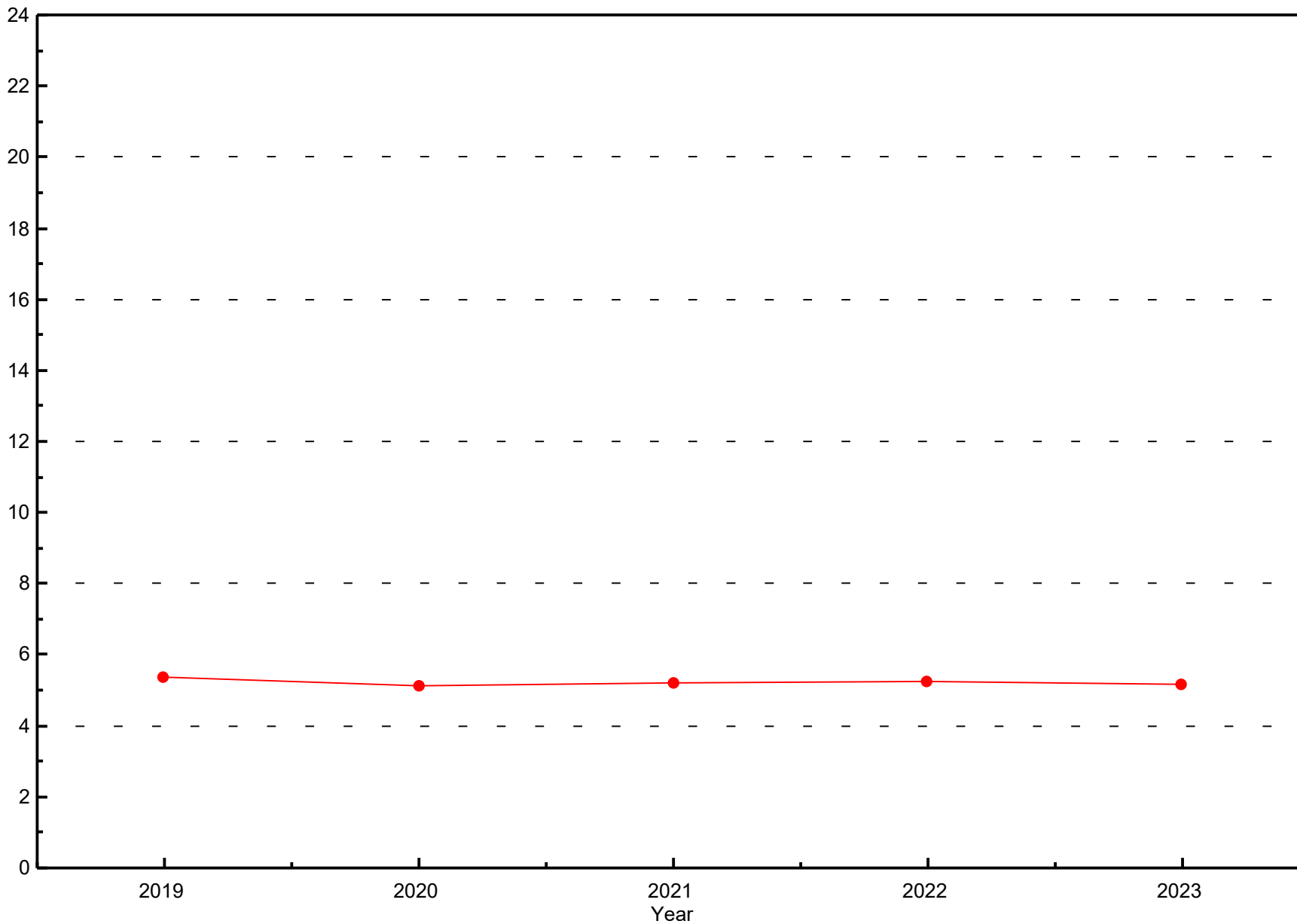
Nitrogen Dioxide (NO₂) - ppb
Buffalo Viewpoint (2019 to 2023)





Yearly Averages

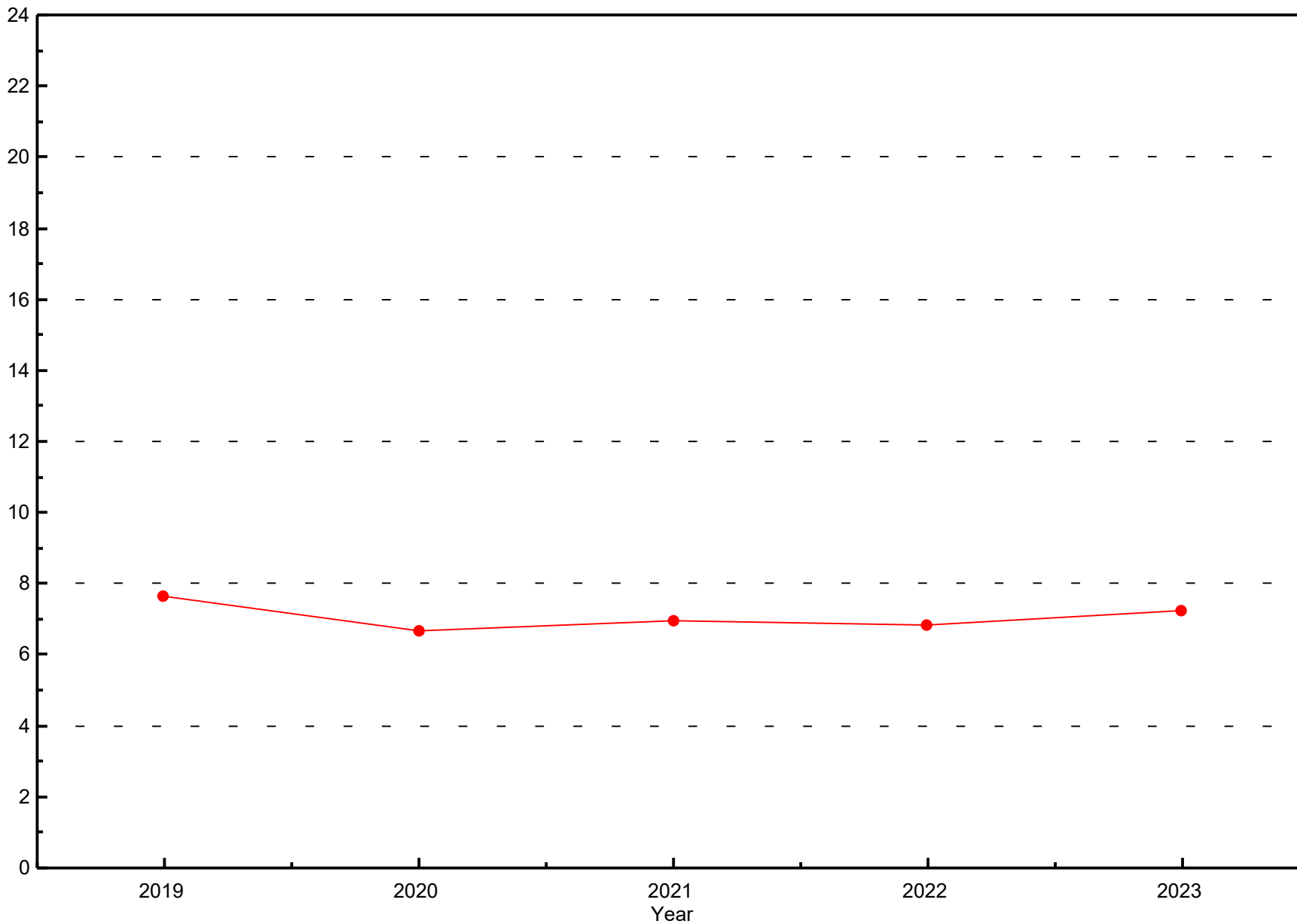
Nitrogen Dioxide (NO₂) - ppb
Patricia McInnes (2019 to 2023)





Yearly Averages

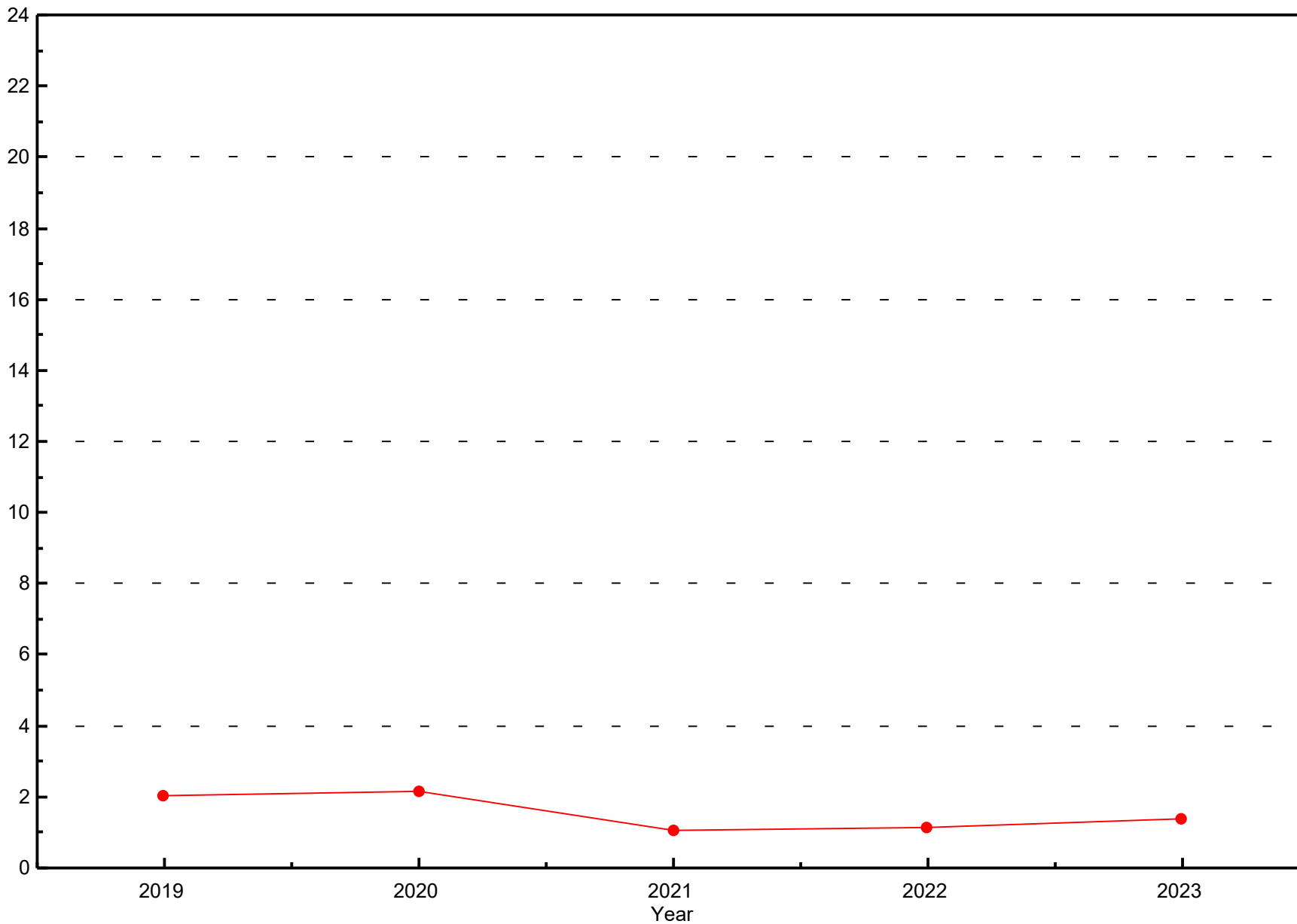
Nitrogen Dioxide (NO₂) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

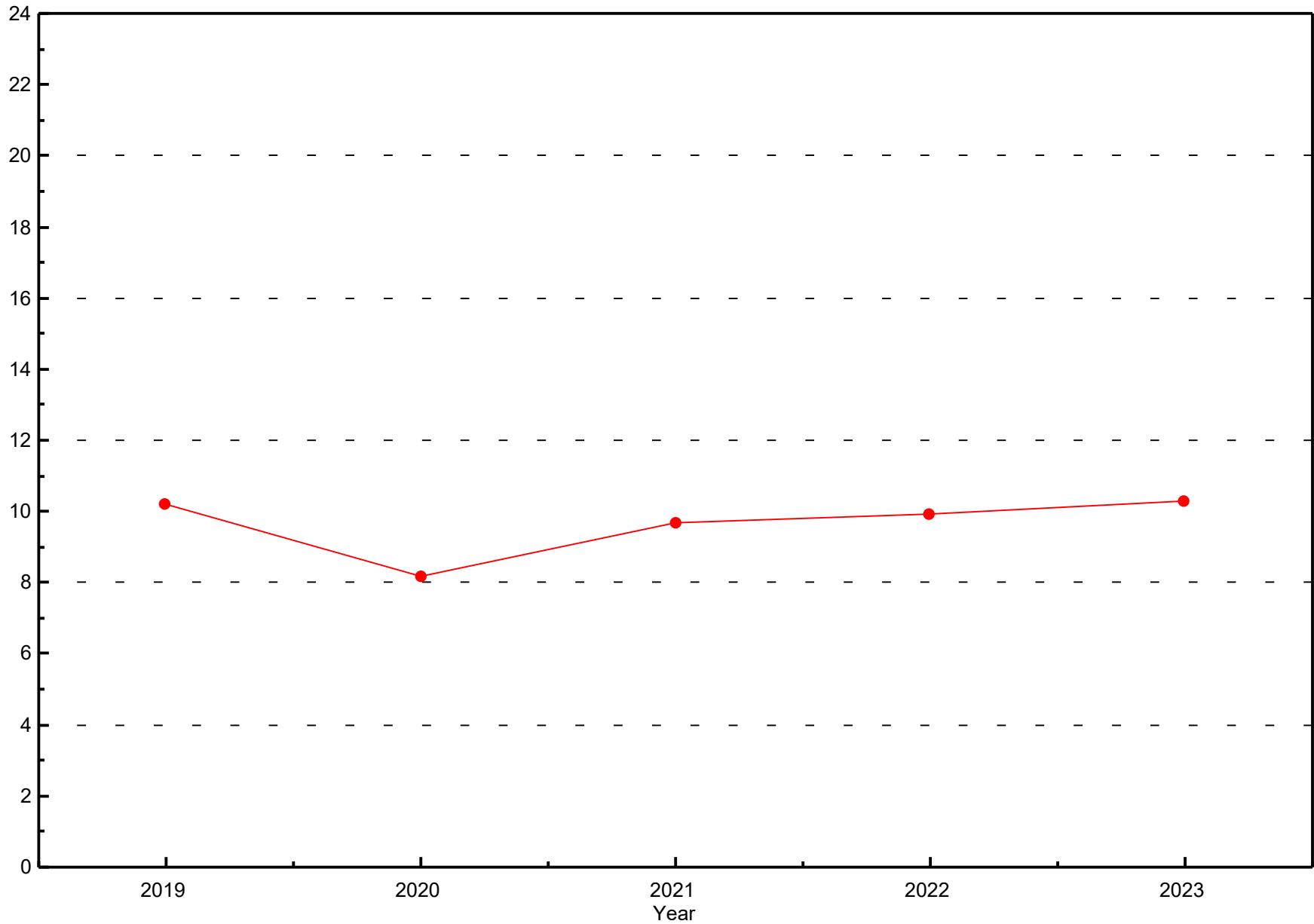
Nitrogen Dioxide (NO₂) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

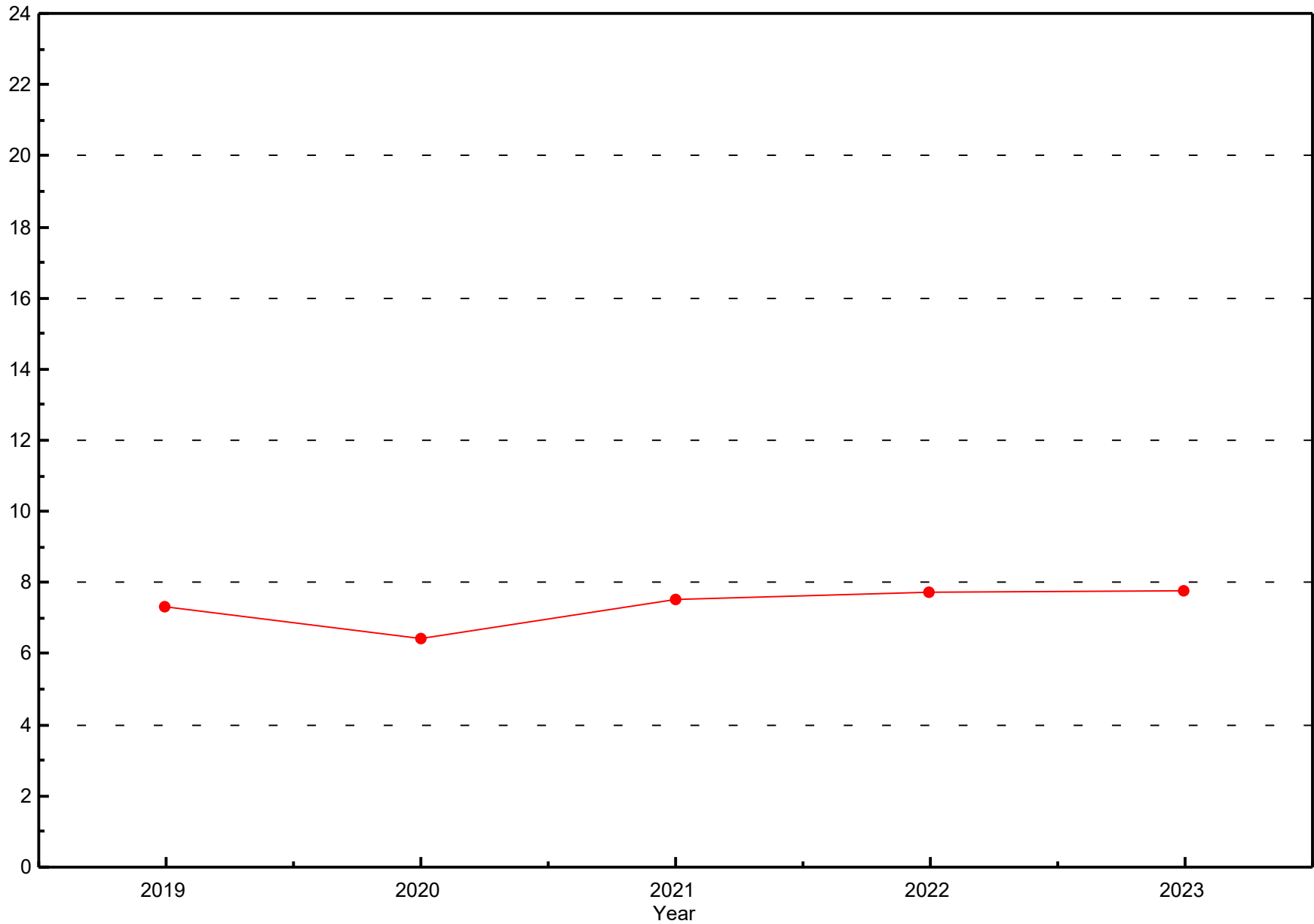
Nitrogen Dioxide (NO₂) - ppb
Barge Landing (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Fort McKay South (2019 to 2023)

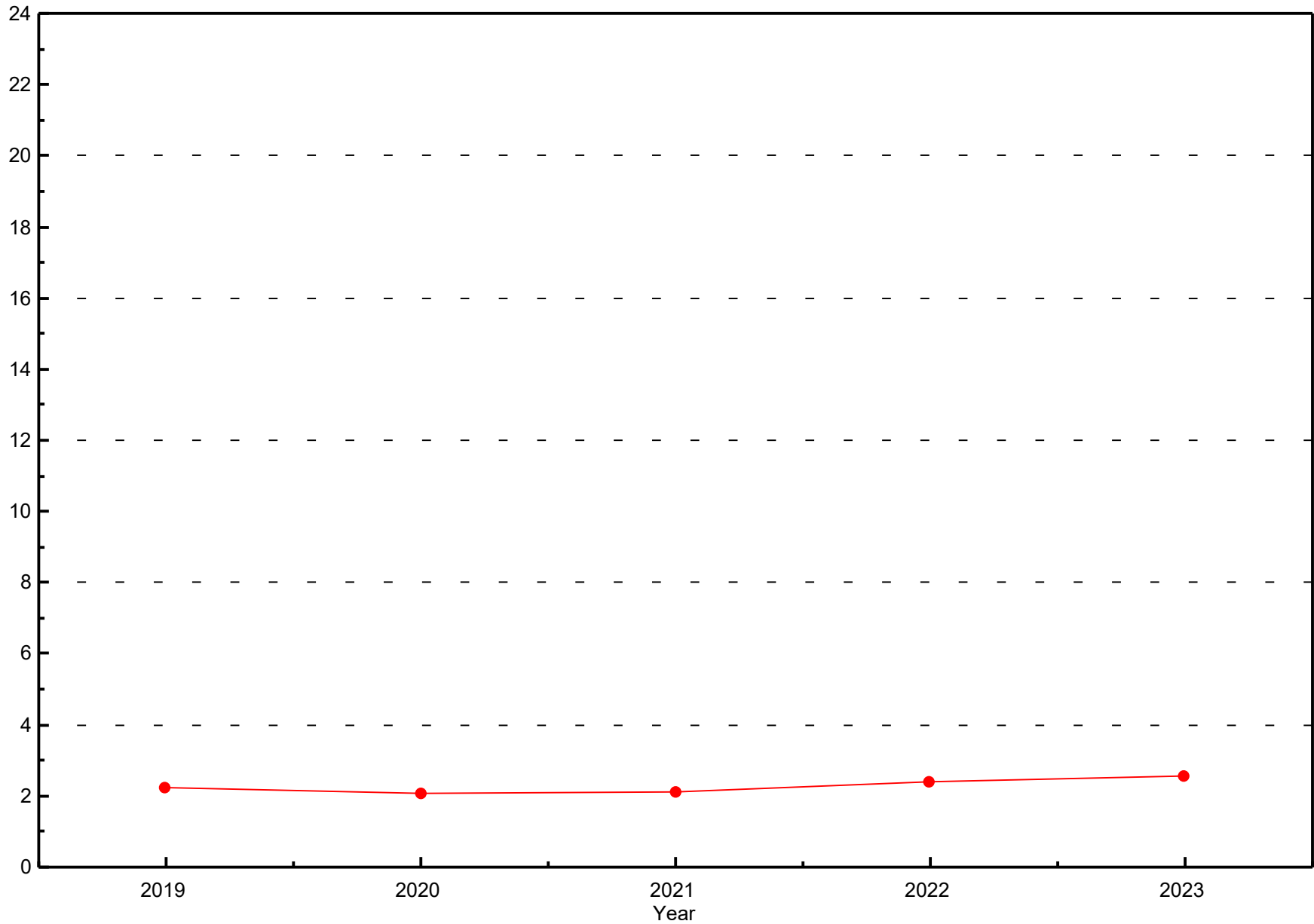




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

Anzac (2019 to 2023)

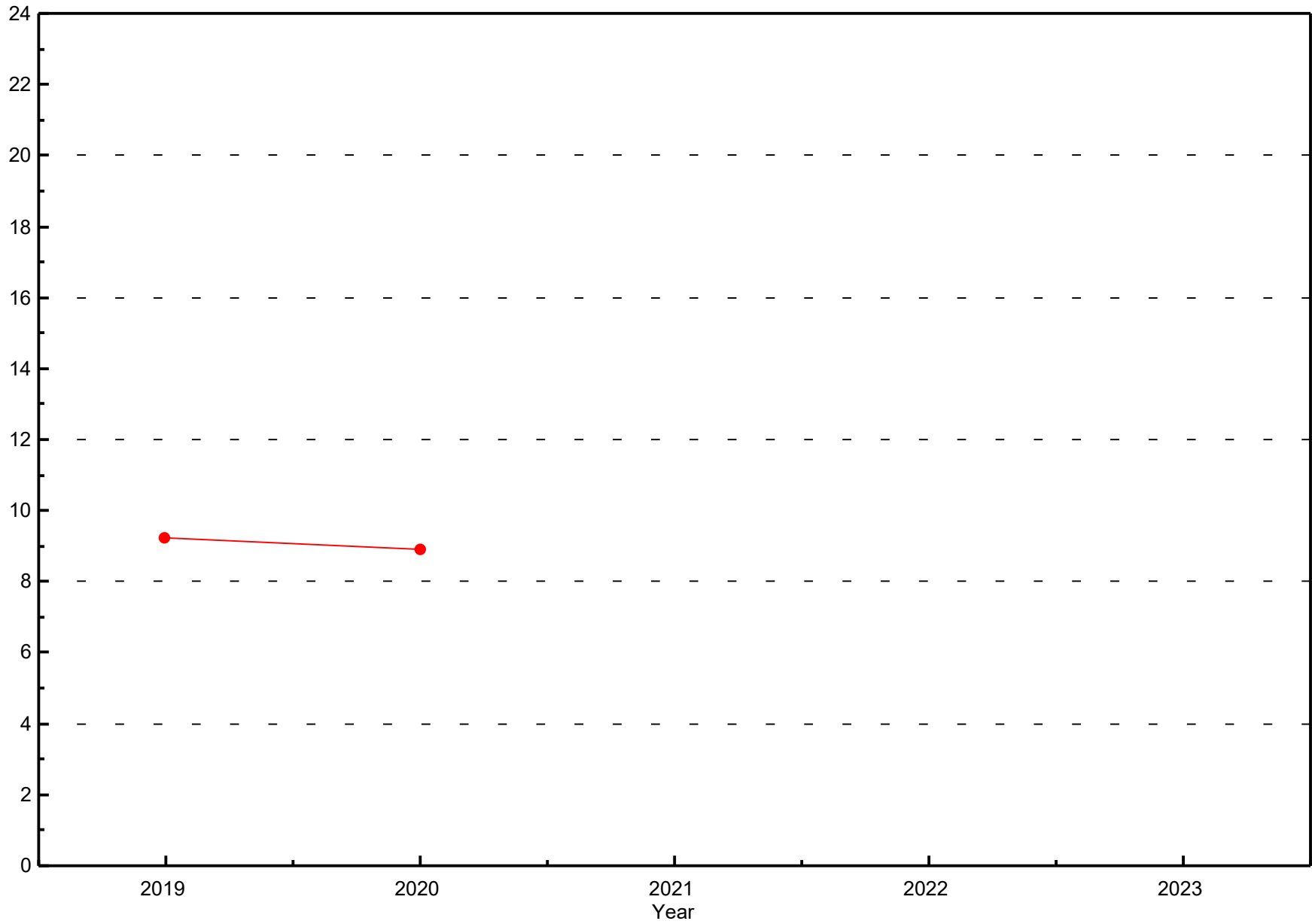




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

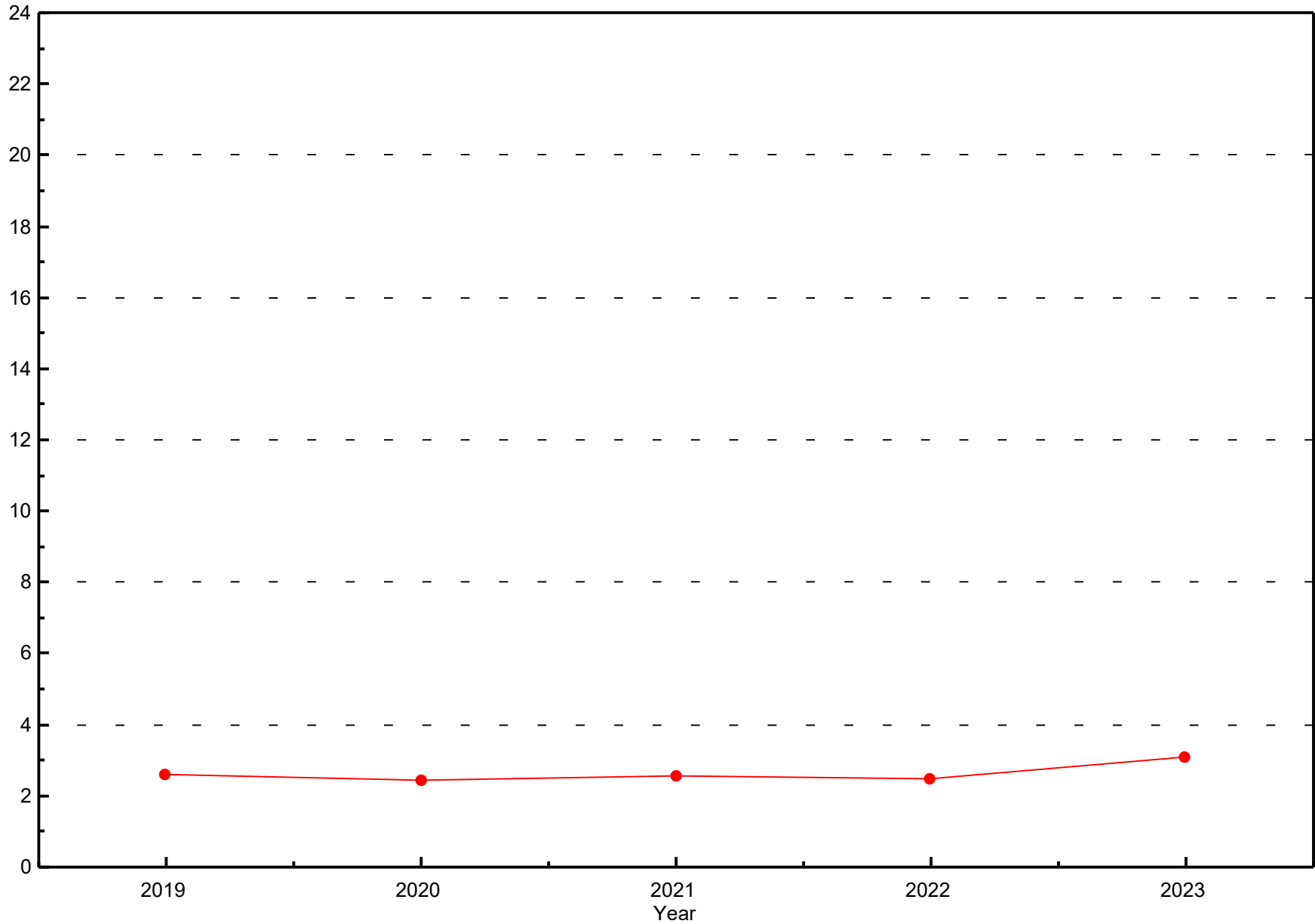
Horizon (2019 to 2023)





Yearly Averages

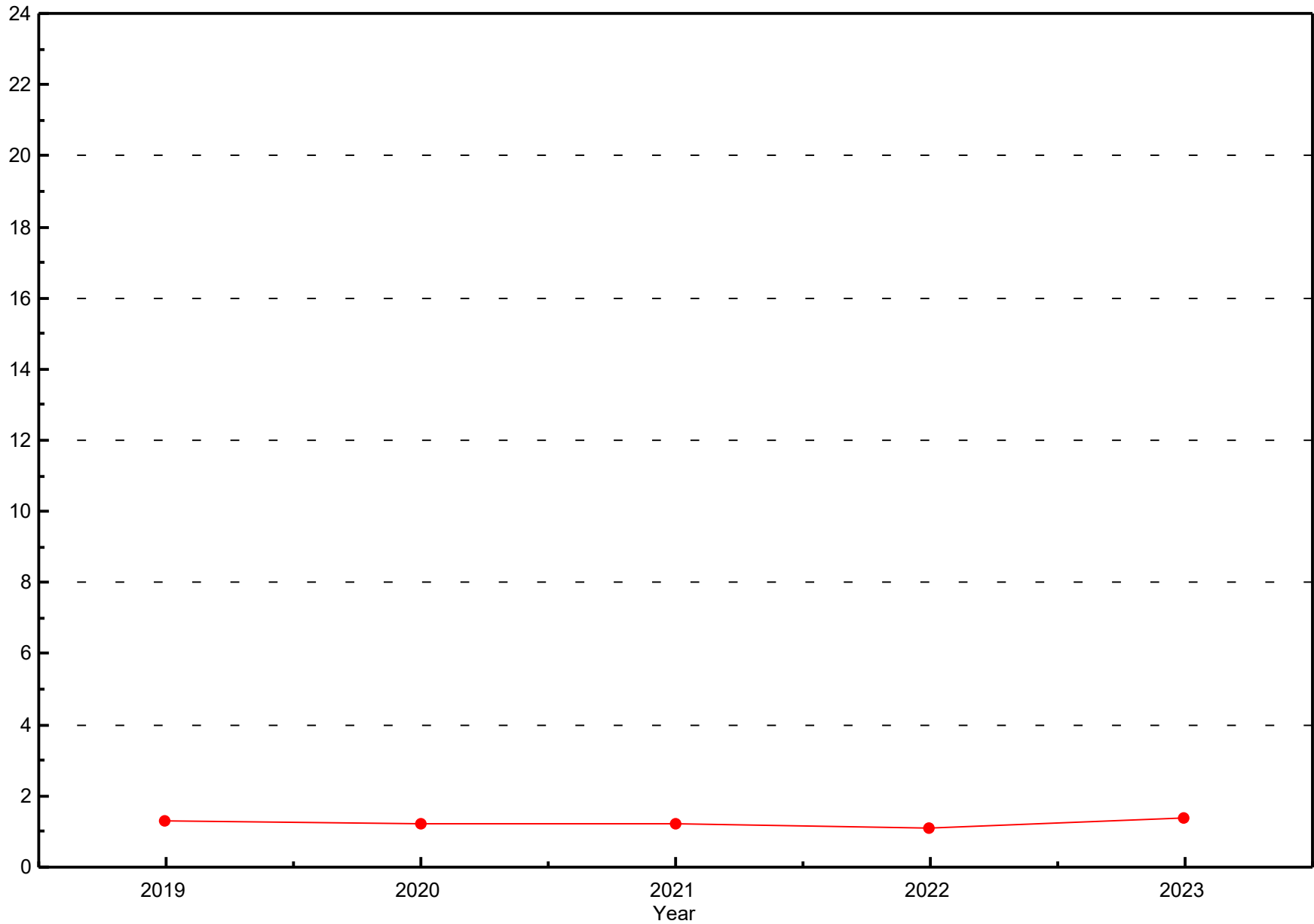
Nitrogen Dioxide (NO₂) - ppb
Wapasu (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Stony Mountain (2019 to 2023)

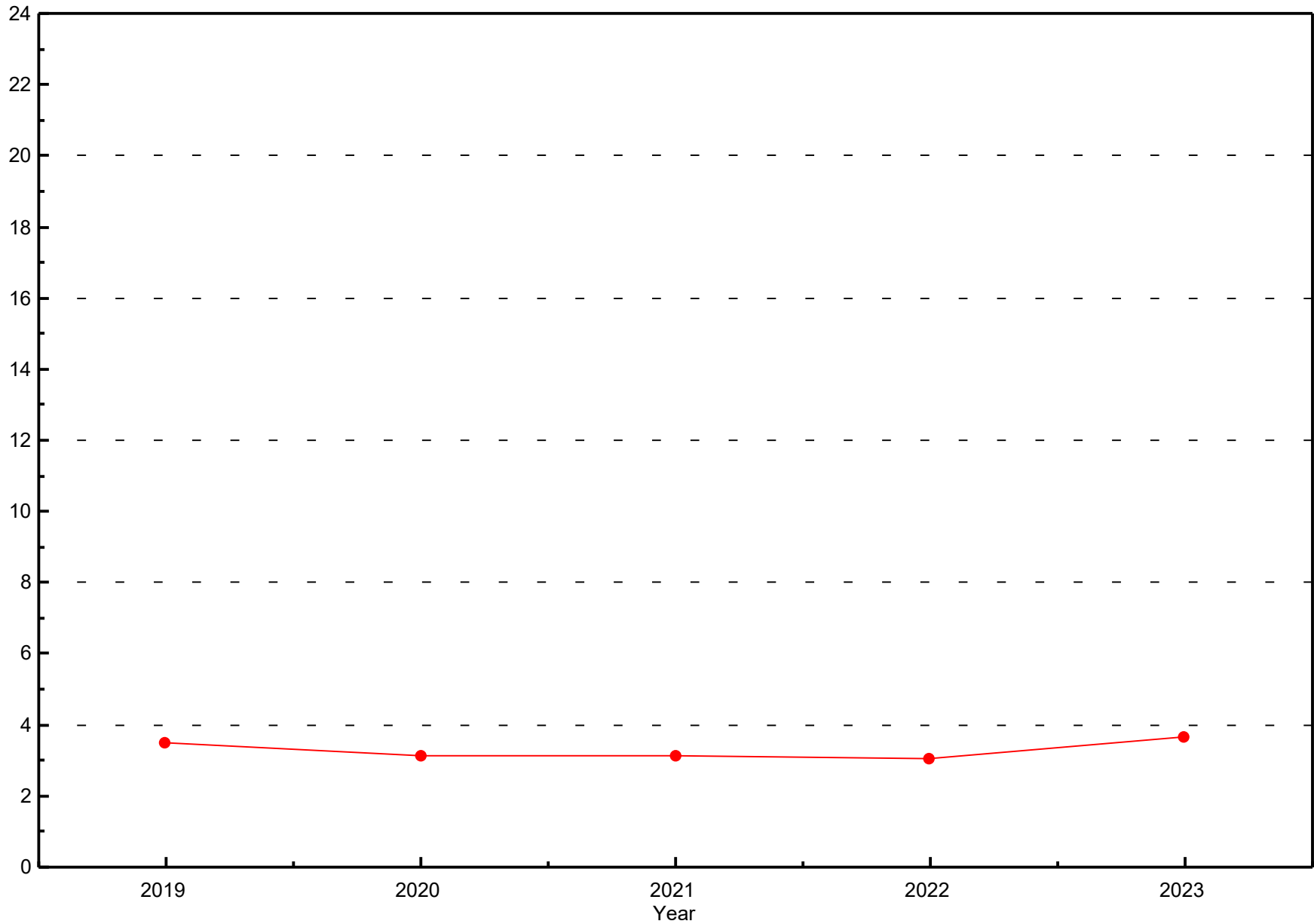




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

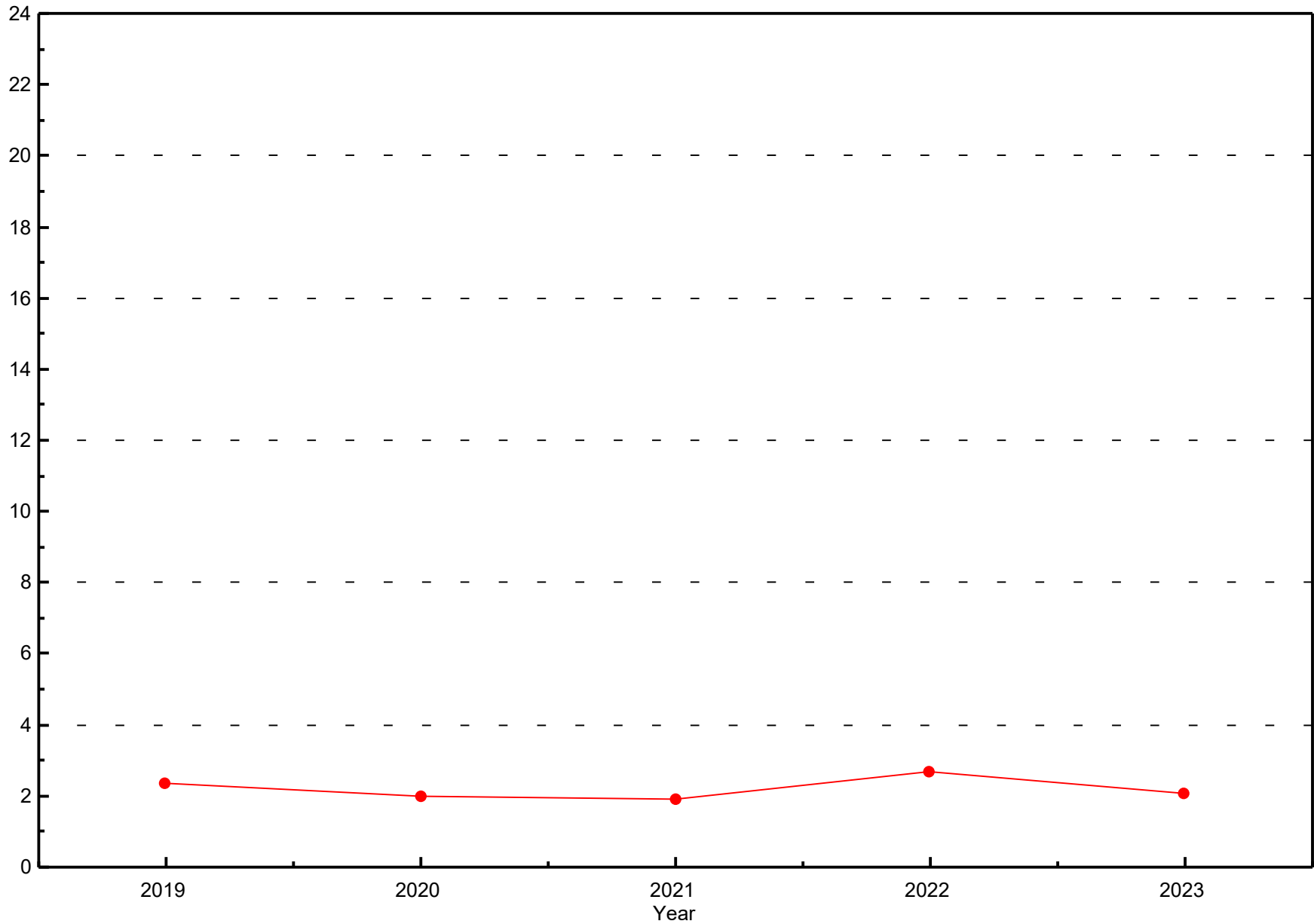
Firebag (2019 to 2023)





Yearly Averages

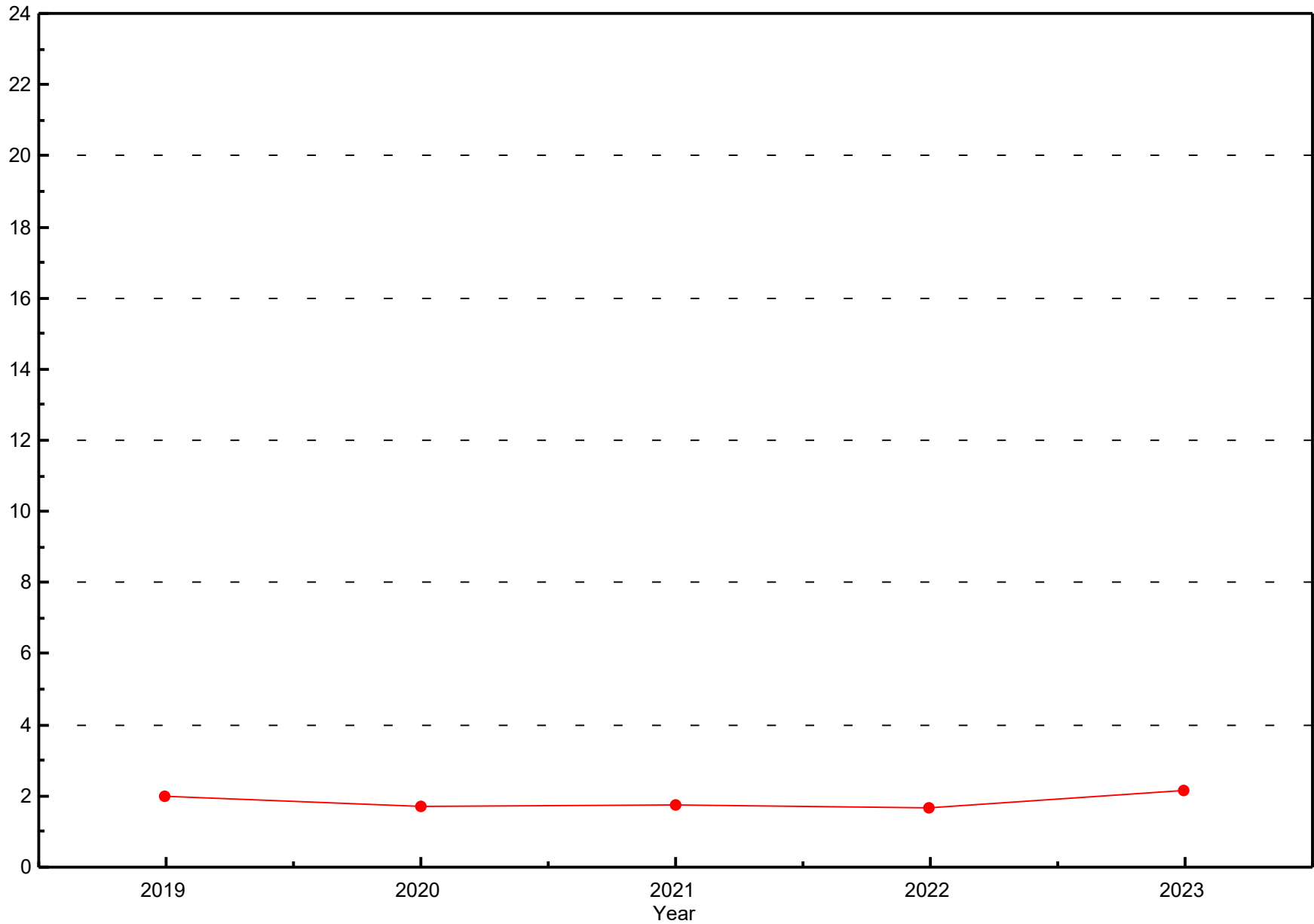
Nitrogen Dioxide (NO₂) - ppb
Mackay River (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Conklin (2019 to 2023)

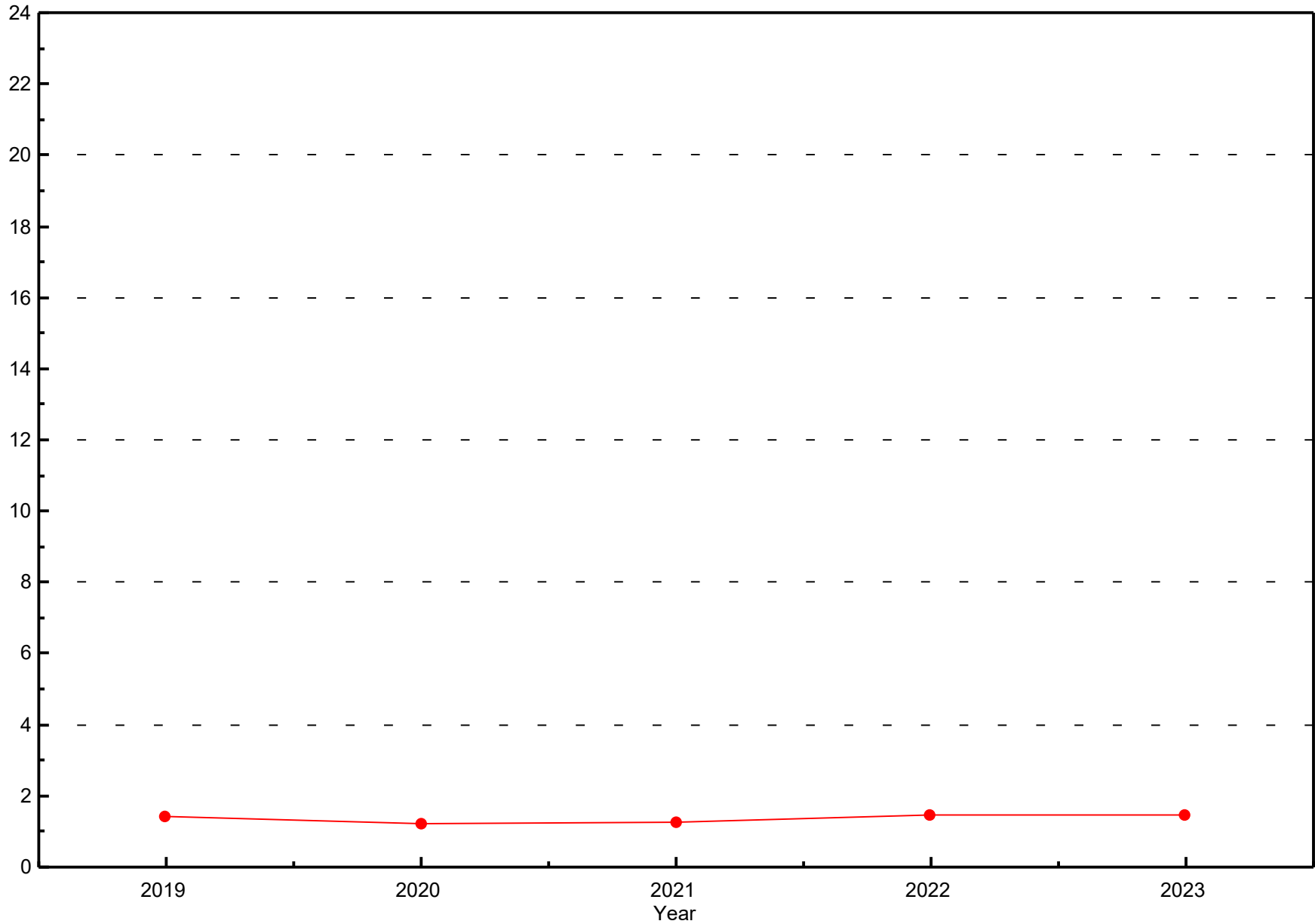




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

Janvier (2019 to 2023)

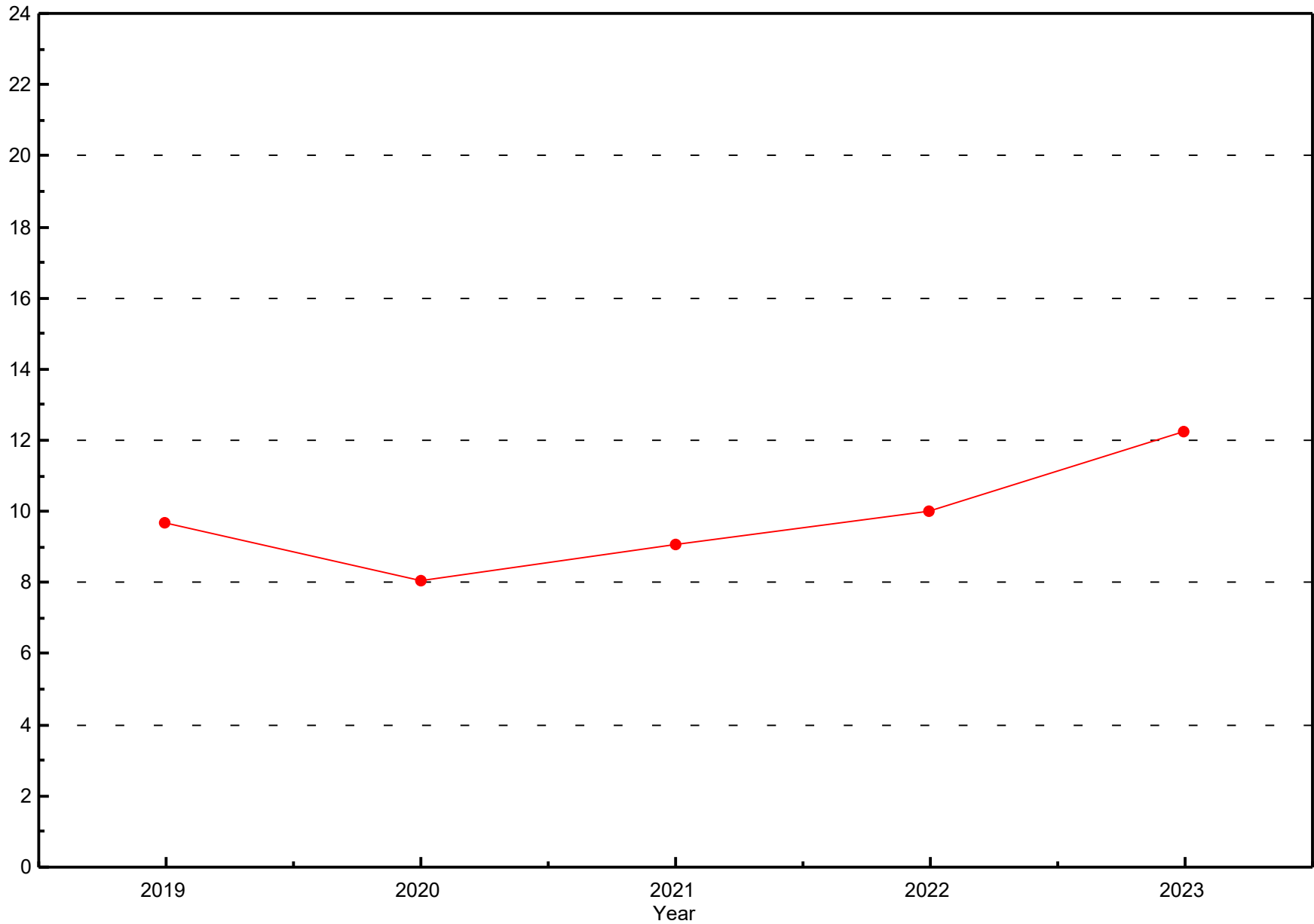




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

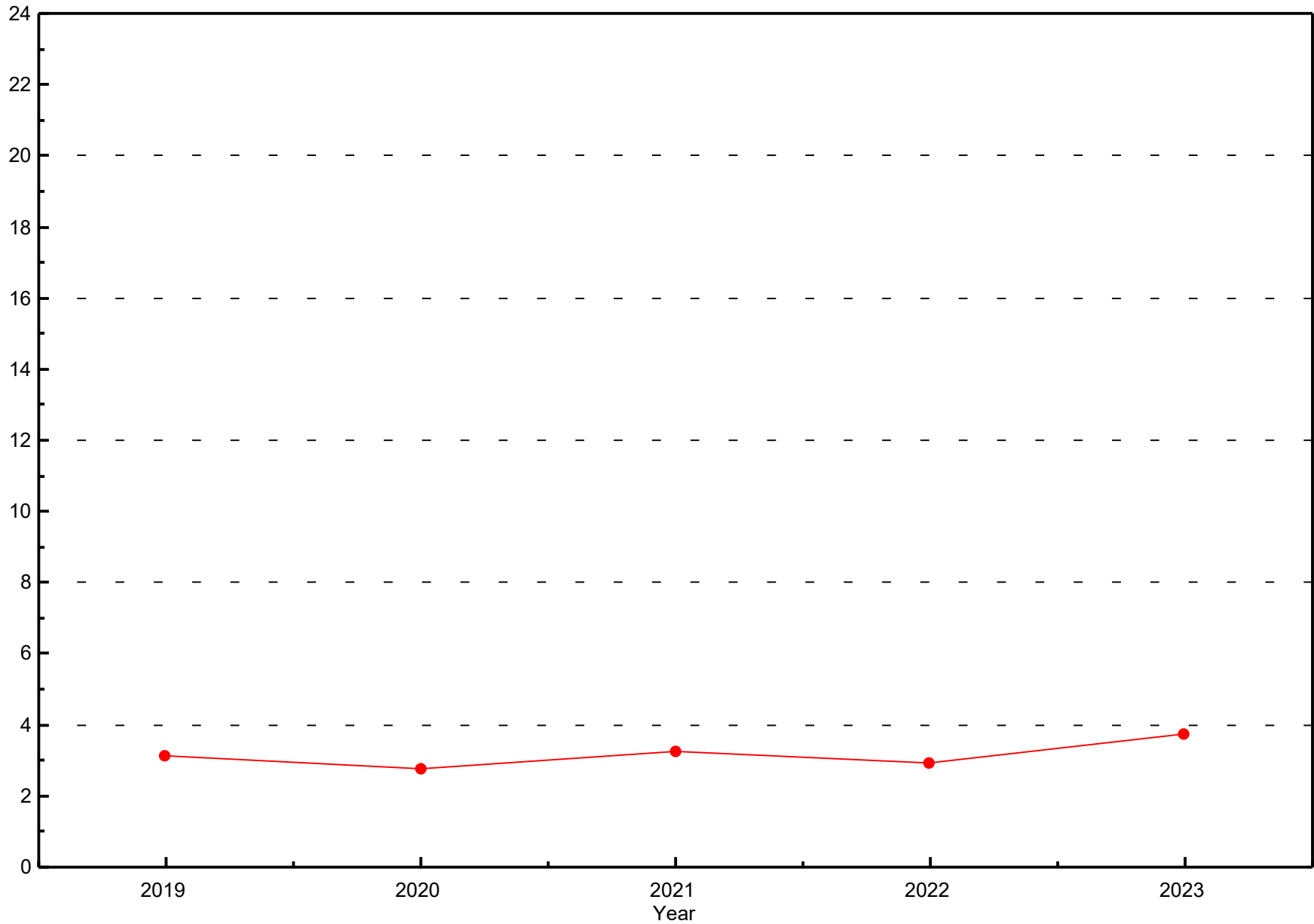
Fort Hills (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Christina Lake (2019 to 2023)

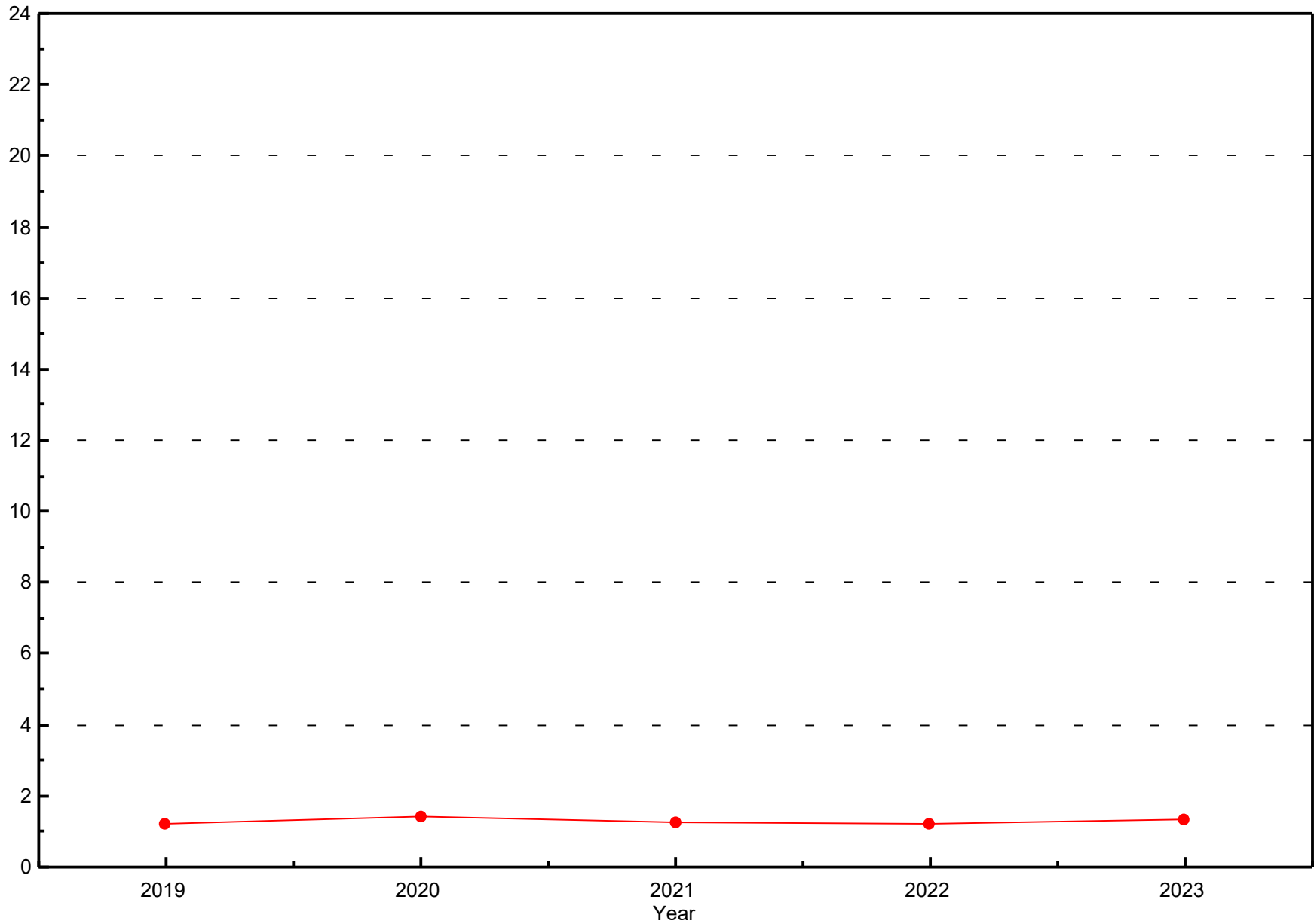




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

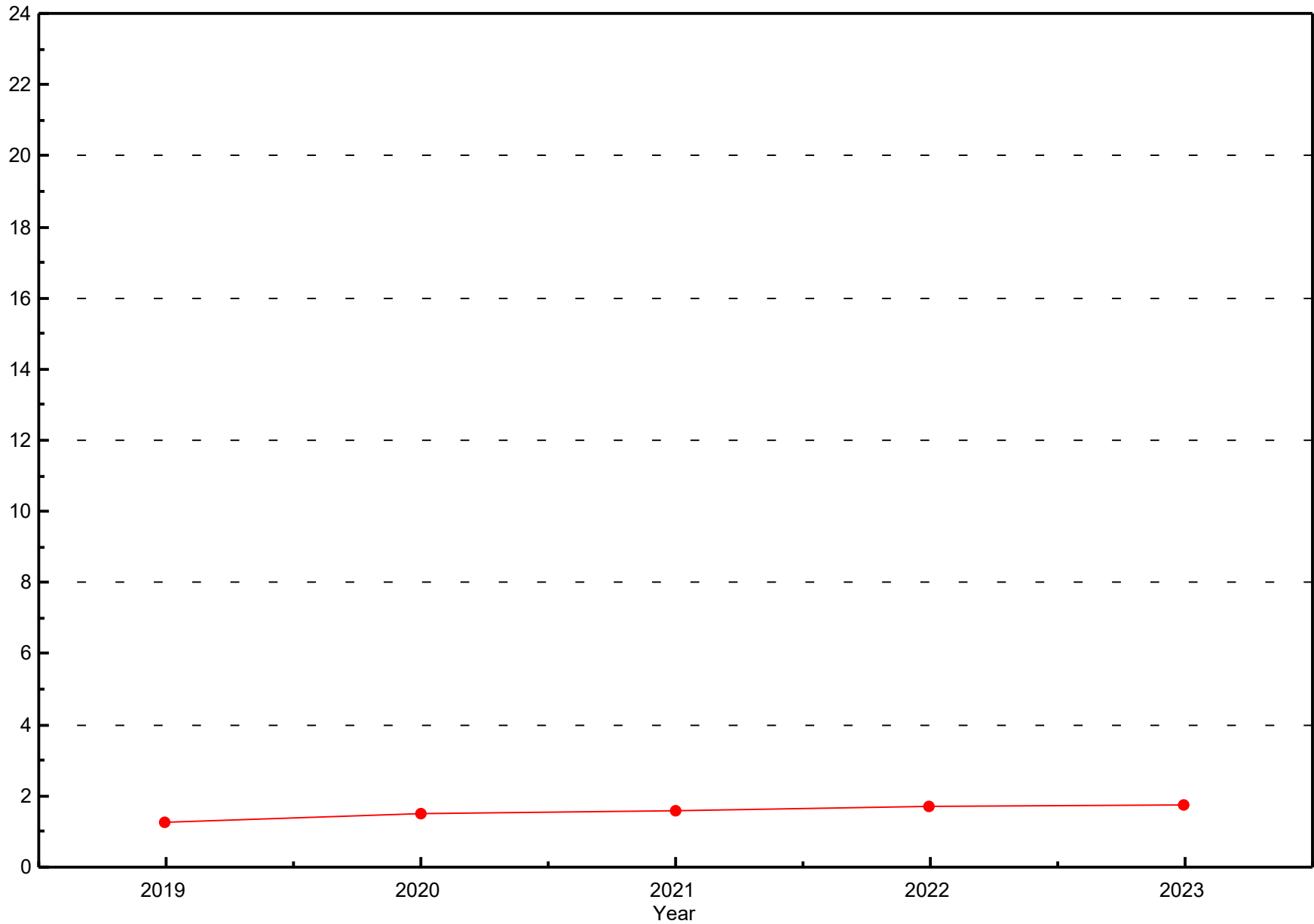
Jackfish 2/3 (2019 to 2023)





Yearly Averages

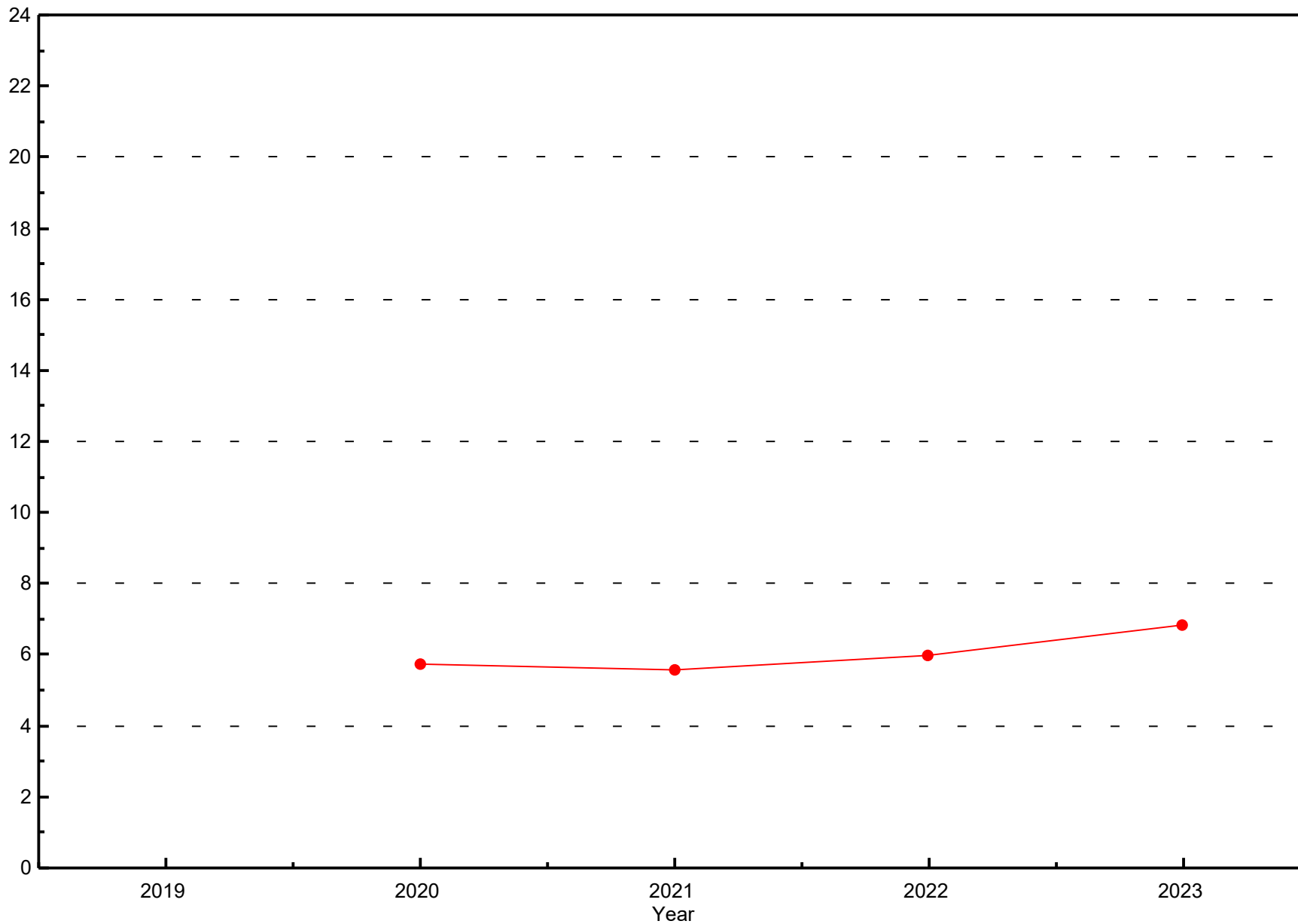
Nitrogen Dioxide (NO₂) - ppb
Surmont 2 (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Ells River (2019 to 2023)

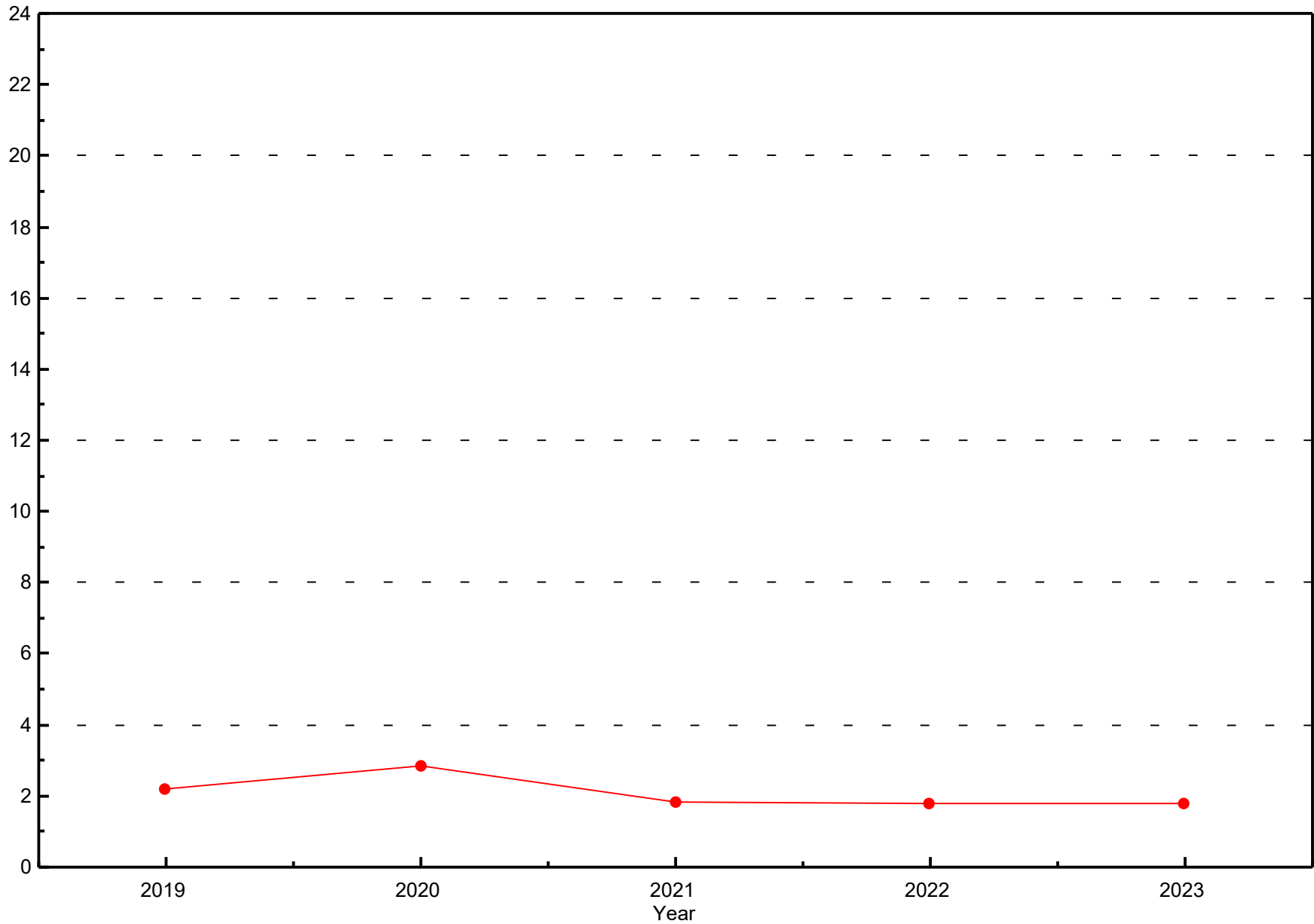




Yearly Averages

Nitrogen Dioxide (NO₂) - ppb

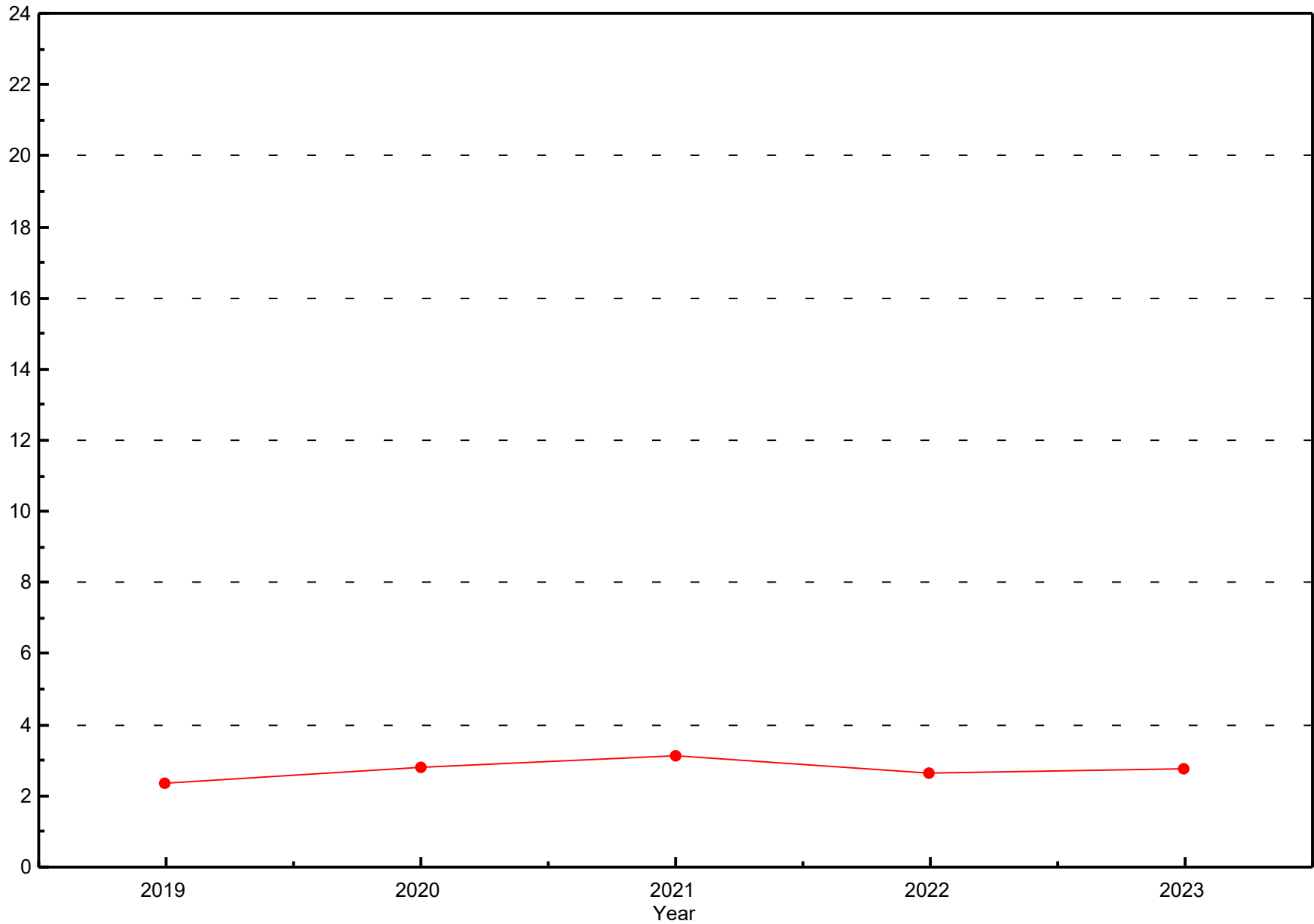
Leismer (2019 to 2023)





Yearly Averages

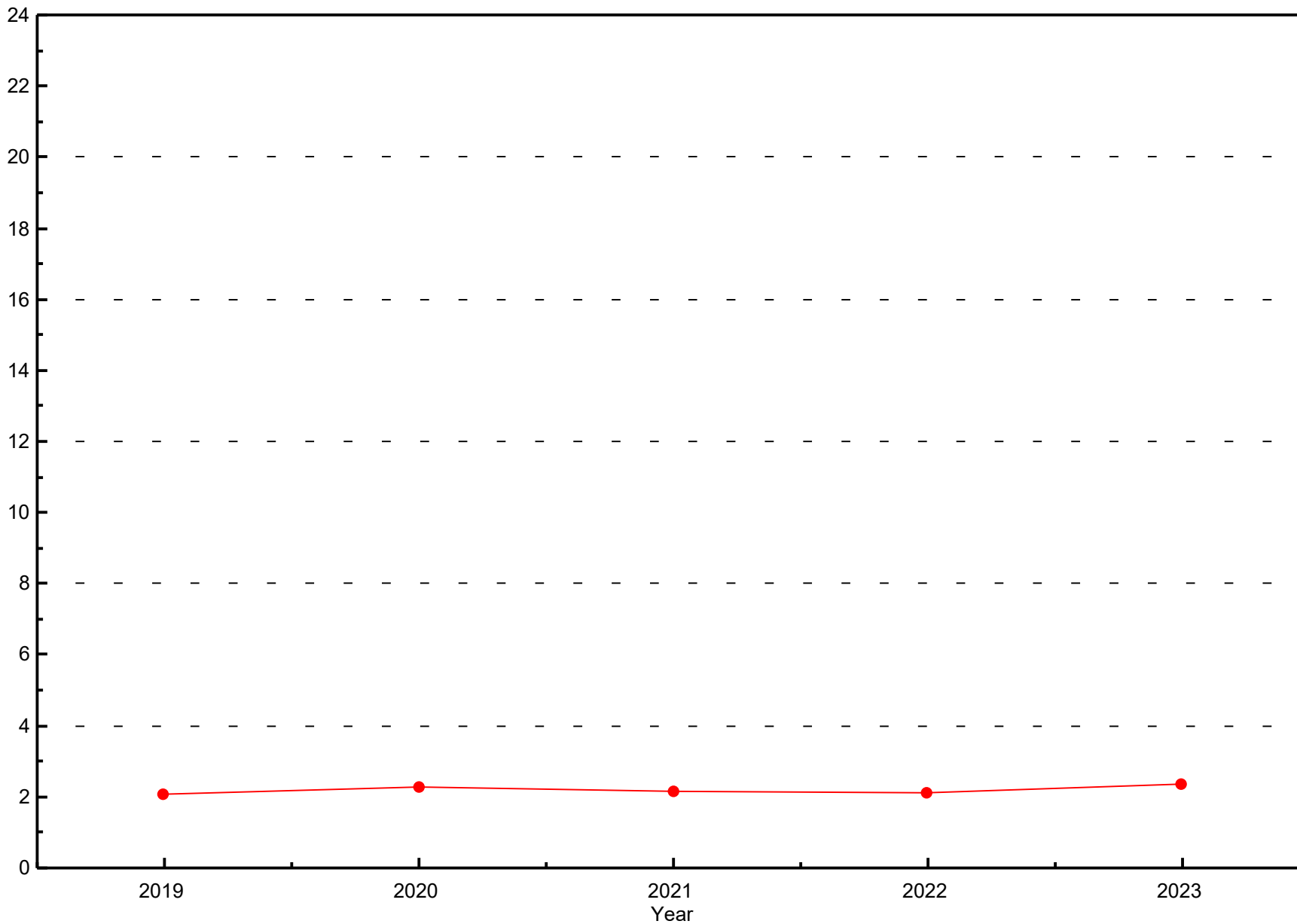
Nitrogen Dioxide (NO₂) - ppb
Sawbones Bay (2019 to 2023)





Yearly Averages

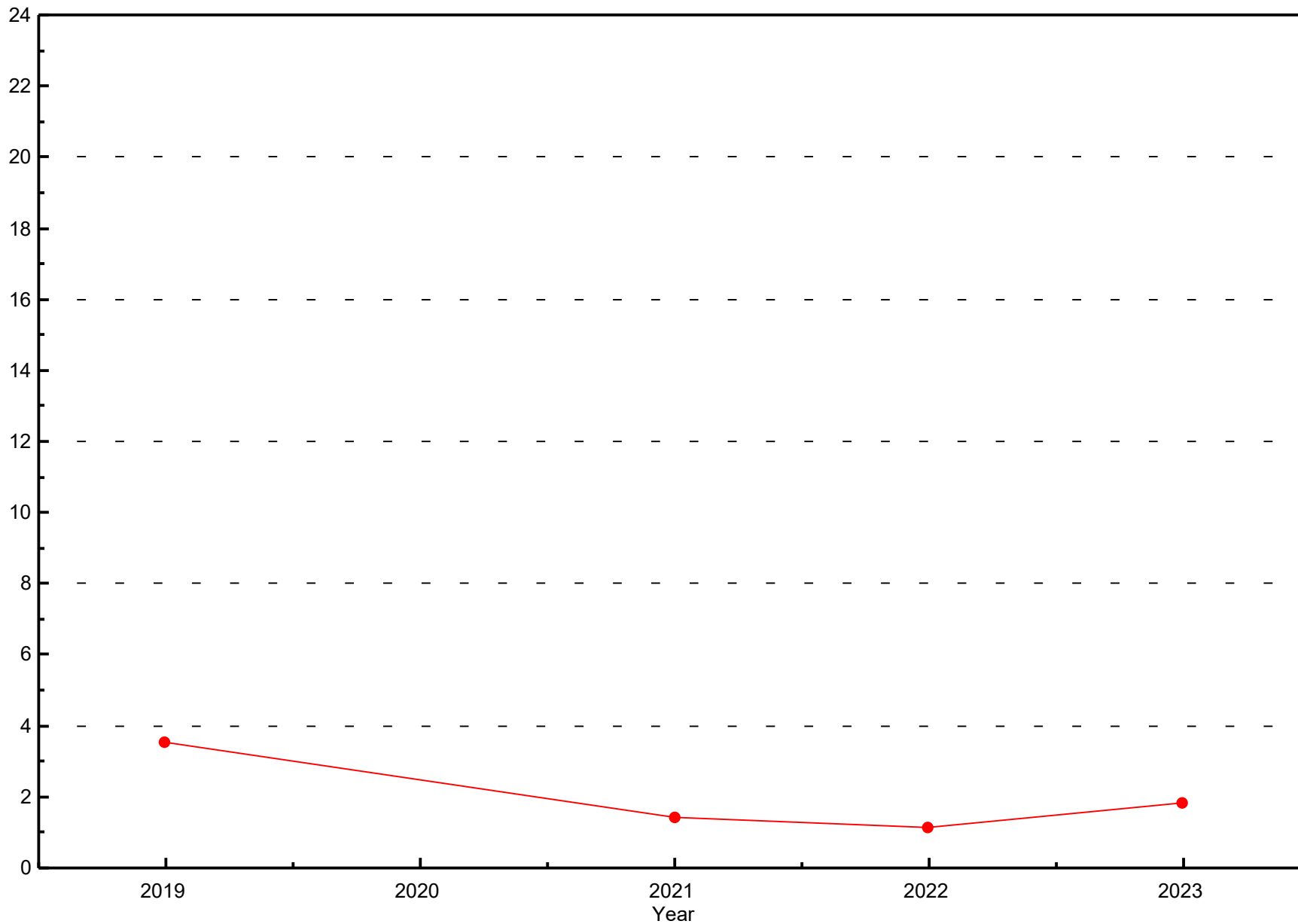
Nitrogen Dioxide (NO₂) - ppb
Jackfish 1 (2019 to 2023)





Yearly Averages

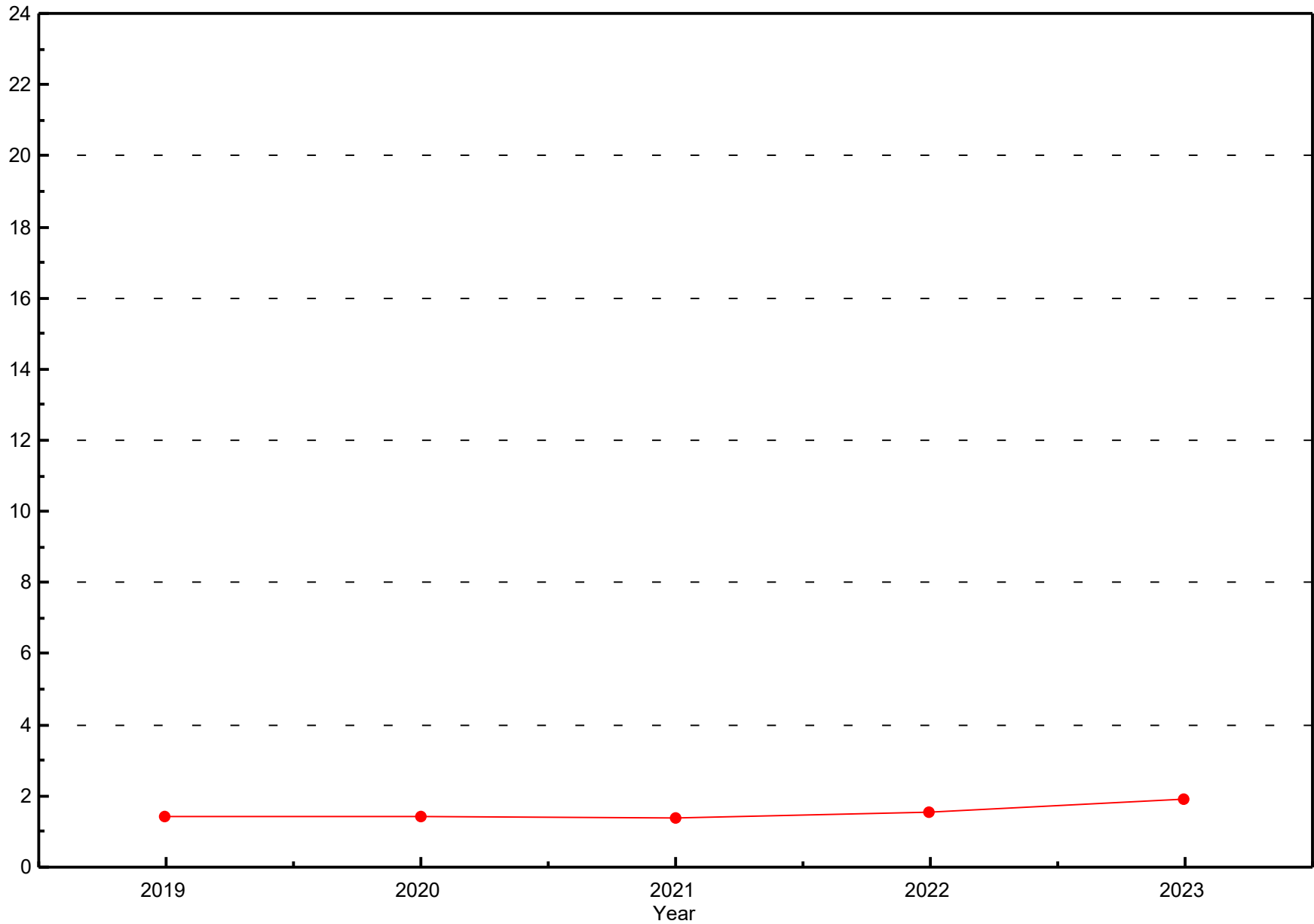
Nitrogen Dioxide (NO₂) - ppb
Kirby South (2019 to 2023)





Yearly Averages

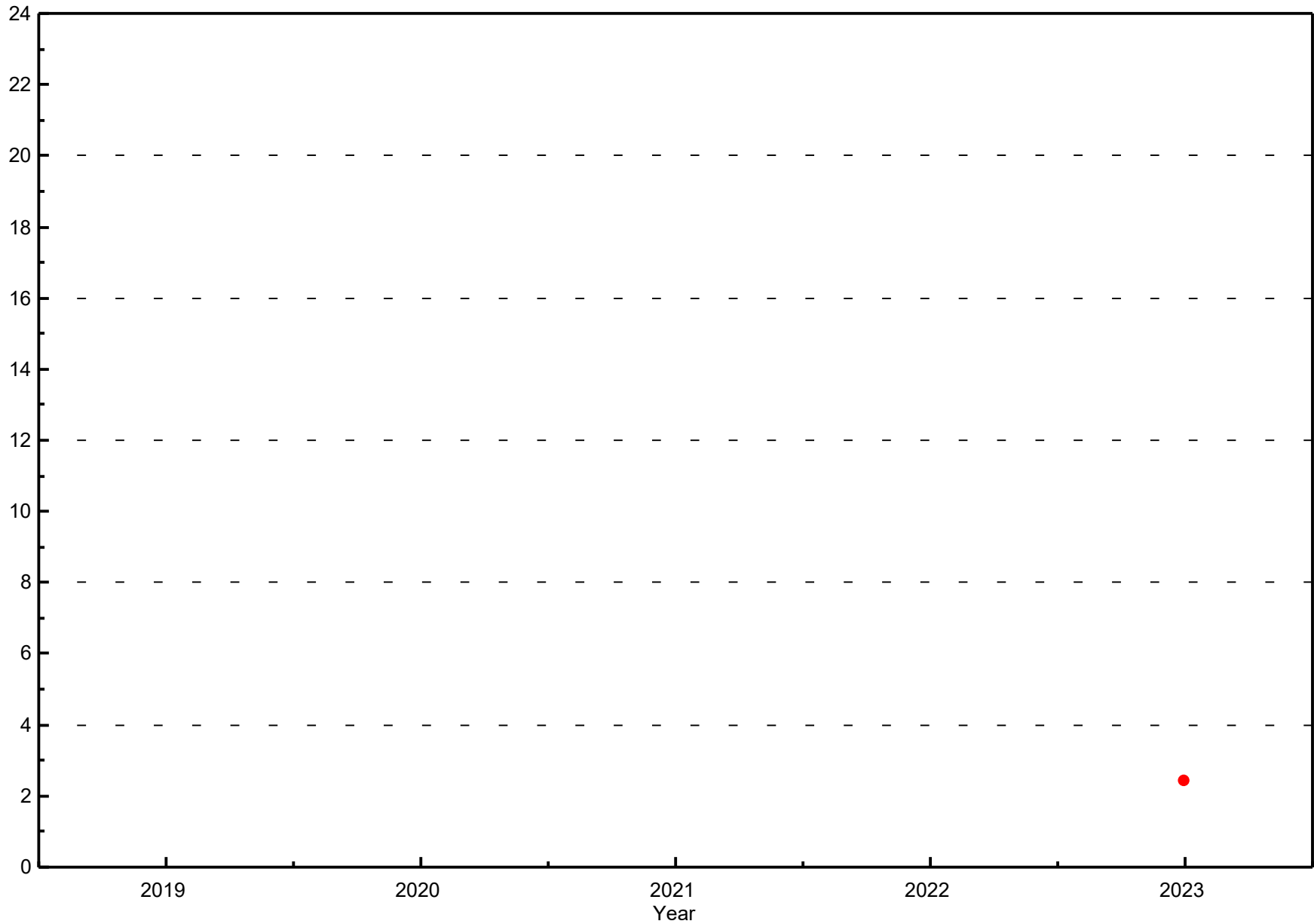
Nitrogen Dioxide (NO₂) - ppb
Kirby North (2019 to 2023)





Yearly Averages

Nitrogen Dioxide (NO₂) - ppb
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

OXIDES OF NITROGEN ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	23.1	124.5	72.3	83.6	14.7	1.7	0.0
February	100	636	24.9	139.2	73.7	82.6	14.0	3.5	0.0
March	100	704	15.7	115.7	44.4	96.3	2.8	0.9	0.0
April	98	671	7.2	79.9	17.9	99.6	0.5	0.0	0.0
May	100	706	7.0	63.7	17.8	99.2	0.9	0.0	0.0
June	88	600	5.7	31.8	13.6	100.0	0.0	0.0	0.0
July	100	706	5.5	67.7	11.6	99.4	0.6	0.0	0.0
August	100	707	6.8	130.0	31.5	98.4	1.3	0.3	0.0
September	100	683	7.1	64.8	15.0	99.0	1.0	0.0	0.0
October	97	690	7.4	121.7	28.8	98.7	1.0	0.3	0.0
November	100	686	14.5	125.4	60.9	91.8	5.8	2.3	0.0
December	100	708	19.6	121.3	55.4	88.8	10.0	1.1	0.0
Annual	98	8204	12.1	139.2	73.7	94.8	4.4	0.8	0.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	705	12.6	119.0	50.6	92.2	7.0	0.9	0.0
February	97	617	20.6	161.7	50.1	85.3	13.0	1.6	0.2
March	100	708	11.4	118.4	38.8	94.8	4.7	0.6	0.0
April	100	684	6.1	74.4	17.5	99.1	0.9	0.0	0.0
May	96	680	3.4	47.6	15.5	99.3	0.7	0.0	0.0
June	100	683	3.9	54.9	12.6	99.6	0.4	0.0	0.0
July	97	674	4.4	82.2	12.8	98.8	1.0	0.2	0.0
August	100	707	4.0	114.2	33.0	99.0	0.6	0.4	0.0
September	100	684	3.3	52.2	14.5	99.4	0.6	0.0	0.0
October	100	707	4.3	208.2	25.8	99.0	0.7	0.1	0.1
November	100	684	5.8	115.9	15.1	98.8	1.0	0.2	0.0
December	100	707	8.0	190.5	45.3	96.5	2.4	0.9	0.3
Annual	99	8240	7.2	208.2	50.6	96.9	2.7	0.4	0.1



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	14.4	103.7	43.2	92.8	6.1	1.1	0.0
February	100	637	17.4	136.4	41.8	90.9	8.2	0.9	0.0
March	100	706	10.4	85.0	30.1	97.9	2.0	0.1	0.0
April	100	683	4.8	48.3	14.8	99.4	0.6	0.0	0.0
May	100	705	3.1	26.9	6.6	100.0	0.0	0.0	0.0
June	100	684	3.0	25.7	8.2	100.0	0.0	0.0	0.0
July	100	706	3.1	36.2	9.3	100.0	0.0	0.0	0.0
August	100	707	3.2	38.7	15.4	100.0	0.0	0.0	0.0
September	100	684	3.0	32.4	6.0	100.0	0.0	0.0	0.0
October	100	707	4.3	103.8	22.5	98.7	1.1	0.1	0.0
November	100	684	7.5	80.8	21.3	98.0	1.9	0.2	0.0
December	100	707	12.1	107.6	35.7	94.2	5.2	0.6	0.0
Annual	100	8318	7.1	136.4	43.2	97.7	2.1	0.3	0.0



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	19.4	125.0	58.9	90.7	7.8	1.6	0.0
February	100	638	19.7	126.3	42.4	90.1	9.6	0.3	0.0
March	100	707	12.5	65.6	34.0	97.2	2.8	0.0	0.0
April	100	683	7.1	44.3	13.4	99.9	0.2	0.0	0.0
May	100	708	4.8	23.1	9.5	100.0	0.0	0.0	0.0
June	100	683	4.7	29.4	8.5	100.0	0.0	0.0	0.0
July	100	706	4.7	27.7	9.5	100.0	0.0	0.0	0.0
August	99	705	5.9	64.5	24.0	99.3	0.7	0.0	0.0
September	100	683	6.9	36.0	11.0	100.0	0.0	0.0	0.0
October	100	707	8.1	81.4	22.1	98.9	1.0	0.1	0.0
November	99	680	10.9	92.0	23.1	97.7	1.9	0.4	0.0
December	100	706	17.6	103.6	43.2	92.2	7.7	0.1	0.0
Annual	100	8314	10.1	126.3	58.9	97.2	2.6	0.2	0.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	706	2.5	21.8	8.5	100.0	0.0	0.0	0.0
February	100	636	1.3	43.3	10.1	99.8	0.2	0.0	0.0
March	100	705	1.1	10.5	7.7	100.0	0.0	0.0	0.0
April	100	685	0.8	11.4	3.3	100.0	0.0	0.0	0.0
May	100	705	1.3	11.4	3.7	100.0	0.0	0.0	0.0
June	100	685	1.0	15.8	2.9	100.0	0.0	0.0	0.0
July	99	698	0.8	9.4	2.5	100.0	0.0	0.0	0.0
August	97	680	1.1	10.4	4.5	100.0	0.0	0.0	0.0
September	99	678	1.6	15.1	6.6	100.0	0.0	0.0	0.0
October	99	704	1.7	11.9	4.9	100.0	0.0	0.0	0.0
November	100	683	1.9	22.3	8.4	100.0	0.0	0.0	0.0
December	100	708	3.7	27.2	10.1	100.0	0.0	0.0	0.0
Annual	99	8273	1.6	43.3	10.1	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	26.6	137.4	69.9	78.9	17.5	3.5	0.0
February	99	635	39.9	216.6	85.7	66.1	18.4	14.3	1.1
March	100	708	22.3	142.4	52.7	86.4	10.0	3.5	0.0
April	99	675	10.1	99.7	17.0	97.5	2.2	0.3	0.0
May	100	707	9.5	73.0	18.6	98.2	1.8	0.0	0.0
June	99	679	7.4	58.9	13.5	99.6	0.4	0.0	0.0
July	100	708	7.9	74.4	17.4	97.7	2.3	0.0	0.0
August	100	708	9.2	83.3	20.8	98.0	1.8	0.1	0.0
September	100	683	12.3	164.1	29.2	96.1	2.9	0.9	0.2
October	99	701	11.7	203.4	40.3	96.0	3.4	0.3	0.3
November	100	685	16.4	98.6	47.0	90.2	9.1	0.7	0.0
December	100	708	23.0	122.6	49.9	84.8	13.0	2.3	0.0
Annual	100	8304	16.2	216.6	85.7	91.0	6.8	2.1	0.1



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	24.8	141.4	66.5	81.8	16.1	2.1	0.0
February	100	638	30.9	213.0	72.4	76.5	14.3	7.5	1.7
March	99	703	16.8	276.2	61.9	93.3	5.4	1.0	0.3
April	100	684	8.5	95.8	21.7	98.5	1.3	0.2	0.0
May	97	680	6.6	62.8	14.6	99.4	0.6	0.0	0.0
June	99	677	5.3	66.6	12.5	99.7	0.3	0.0	0.0
July	100	707	5.6	73.7	12.1	99.0	1.0	0.0	0.0
August	100	707	7.1	113.8	33.2	98.3	1.3	0.4	0.0
September	100	685	8.1	67.7	17.8	97.5	2.5	0.0	0.0
October	100	707	6.7	89.6	18.8	99.0	0.9	0.1	0.0
November	100	686	14.2	135.8	61.6	92.4	5.3	2.3	0.0
December	100	707	22.8	137.7	60.0	84.7	12.5	2.8	0.0
Annual	100	8289	13.0	276.2	72.4	93.5	5.0	1.3	0.2



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	4.3	51.1	9.0	99.9	0.1	0.0	0.0
February	100	638	6.8	62.4	16.9	99.7	0.3	0.0	0.0
March	100	707	5.2	60.6	12.5	99.7	0.3	0.0	0.0
April	99	681	2.2	16.1	4.7	100.0	0.0	0.0	0.0
May	100	708	2.0	16.5	3.9	100.0	0.0	0.0	0.0
June	99	676	1.6	12.0	3.6	100.0	0.0	0.0	0.0
July	99	703	1.6	17.3	4.4	100.0	0.0	0.0	0.0
August	98	692	1.6	21.2	3.8	100.0	0.0	0.0	0.0
September	100	683	2.3	18.7	4.4	100.0	0.0	0.0	0.0
October	100	708	2.2	27.7	7.8	100.0	0.0	0.0	0.0
November	100	685	3.0	24.0	6.5	100.0	0.0	0.0	0.0
December	99	704	4.4	39.3	13.9	100.0	0.0	0.0	0.0
Annual	100	8292	3.1	62.4	16.9	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	7.6	136.0	40.6	97.3	2.4	0.3	0.0
February	100	639	6.1	58.8	14.1	99.7	0.3	0.0	0.0
March	100	707	3.0	28.5	7.6	100.0	0.0	0.0	0.0
April	100	684	1.5	17.0	6.3	100.0	0.0	0.0	0.0
May	100	707	2.0	24.1	4.7	100.0	0.0	0.0	0.0
June	97	660	2.0	25.7	4.2	100.0	0.0	0.0	0.0
July	100	705	2.5	28.9	6.3	100.0	0.0	0.0	0.0
August	100	707	2.9	32.1	7.6	100.0	0.0	0.0	0.0
September	100	684	3.4	18.9	8.3	100.0	0.0	0.0	0.0
October	100	708	2.5	20.3	6.3	100.0	0.0	0.0	0.0
November	100	685	4.3	46.4	12.5	99.9	0.2	0.0	0.0
December	100	708	5.5	50.8	11.4	99.9	0.1	0.0	0.0
Annual	100	8302	3.6	136.0	40.6	99.7	0.3	0.0	0.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	702	3.0	28.2	7.2	100.0	0.0	0.0	0.0
February	100	639	2.2	23.6	5.0	100.0	0.0	0.0	0.0
March	100	706	1.8	13.7	3.1	100.0	0.0	0.0	0.0
April	100	685	1.2	17.9	2.6	100.0	0.0	0.0	0.0
May	97	686	1.5	15.4	4.3	100.0	0.0	0.0	0.0
June	100	684	1.1	4.4	2.5	100.0	0.0	0.0	0.0
July	100	706	1.0	7.8	4.1	100.0	0.0	0.0	0.0
August	97	686	0.8	4.5	1.7	100.0	0.0	0.0	0.0
September	98	673	1.2	7.6	3.7	100.0	0.0	0.0	0.0
October	100	707	0.8	4.0	1.7	100.0	0.0	0.0	0.0
November	100	684	1.2	7.4	3.2	100.0	0.0	0.0	0.0
December	100	707	2.4	9.6	5.7	100.0	0.0	0.0	0.0
Annual	99	8265	1.5	28.2	7.2	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	706	9.9	80.0	28.9	97.7	2.3	0.0	0.0
February	100	639	9.7	164.9	34.7	95.3	2.8	1.7	0.2
March	100	707	6.3	104.7	14.4	99.0	0.9	0.1	0.0
April	100	685	2.6	15.1	6.2	100.0	0.0	0.0	0.0
May	100	706	2.3	26.1	6.3	100.0	0.0	0.0	0.0
June	100	685	1.7	13.3	4.5	100.0	0.0	0.0	0.0
July	100	708	2.3	23.3	4.8	100.0	0.0	0.0	0.0
August	100	708	2.5	18.6	4.8	100.0	0.0	0.0	0.0
September	100	685	3.7	20.9	7.0	100.0	0.0	0.0	0.0
October	100	708	2.7	26.3	6.4	100.0	0.0	0.0	0.0
November	100	686	4.6	29.6	10.5	100.0	0.0	0.0	0.0
December	100	706	6.4	75.0	14.0	99.6	0.4	0.0	0.0
Annual	100	8329	4.5	164.9	34.7	99.4	0.5	0.1	0.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	709	3.2	58.6	10.7	99.7	0.3	0.0	0.0
February	100	638	6.5	81.2	29.1	98.8	1.1	0.2	0.0
March	100	706	4.5	33.9	14.9	100.0	0.0	0.0	0.0
April	100	685	1.5	23.0	5.7	100.0	0.0	0.0	0.0
May	100	707	1.5	27.5	6.9	100.0	0.0	0.0	0.0
June	100	685	1.4	17.3	4.3	100.0	0.0	0.0	0.0
July	100	709	1.8	24.2	6.6	100.0	0.0	0.0	0.0
August	100	707	1.1	14.3	4.5	100.0	0.0	0.0	0.0
September	100	685	1.1	23.8	6.0	100.0	0.0	0.0	0.0
October	100	706	1.5	69.9	20.9	99.6	0.4	0.0	0.0
November	98	670	2.1	34.4	8.7	100.0	0.0	0.0	0.0
December	99	701	2.0	55.0	11.3	99.7	0.3	0.0	0.0
Annual	100	8308	2.3	81.2	29.1	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	3.7	18.9	7.7	100.0	0.0	0.0	0.0
February	100	637	3.3	28.1	5.5	100.0	0.0	0.0	0.0
March	100	707	2.7	22.7	6.7	100.0	0.0	0.0	0.0
April	100	685	1.7	12.4	2.8	100.0	0.0	0.0	0.0
May	100	708	2.3	23.4	5.5	100.0	0.0	0.0	0.0
June	100	683	1.8	21.6	4.9	100.0	0.0	0.0	0.0
July	100	708	1.6	24.7	4.6	100.0	0.0	0.0	0.0
August	100	707	3.0	35.3	9.0	100.0	0.0	0.0	0.0
September	100	683	2.9	29.6	5.2	100.0	0.0	0.0	0.0
October	99	702	3.1	55.8	7.9	99.9	0.1	0.0	0.0
November	100	685	2.3	26.5	5.8	100.0	0.0	0.0	0.0
December	100	705	4.0	34.5	8.4	100.0	0.0	0.0	0.0
Annual	100	8318	2.7	55.8	9.0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	94	664	2.5	14.1	4.9	100.0	0.0	0.0	0.0
February	100	637	2.5	15.0	5.9	100.0	0.0	0.0	0.0
March	100	707	1.8	12.3	4.8	100.0	0.0	0.0	0.0
April	100	682	0.9	17.6	2.2	100.0	0.0	0.0	0.0
May	98	684	1.7	10.9	3.6	100.0	0.0	0.0	0.0
June	99	676	1.2	8.0	2.2	100.0	0.0	0.0	0.0
July	90	638	1.1	6.1	3.0	100.0	0.0	0.0	0.0
August	100	707	1.4	15.5	5.5	100.0	0.0	0.0	0.0
September	99	678	1.4	8.0	3.2	100.0	0.0	0.0	0.0
October	100	708	1.4	39.8	4.2	100.0	0.0	0.0	0.0
November	100	685	1.8	14.8	4.9	100.0	0.0	0.0	0.0
December	100	706	3.0	12.9	7.4	100.0	0.0	0.0	0.0
Annual	98	8172	1.7	39.8	7.4	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	28.2	168.6	78.7	77.7	17.1	5.1	0.1
February	92	589	33.8	277.9	89.1	71.5	20.2	7.3	1.0
March	96	676	26.4	191.7	54.3	82.4	14.4	2.8	0.4
April	94	646	21.2	185.7	43.5	84.7	10.7	4.2	0.5
May	99	703	17.6	175.1	30.9	88.1	8.3	3.3	0.4
June	99	680	10.1	98.5	28.8	96.2	3.4	0.4	0.0
July	99	700	10.1	130.2	20.2	96.9	2.6	0.6	0.0
August	96	681	14.8	282.3	59.2	92.1	5.1	2.5	0.3
September	100	684	19.3	522.7	66.5	89.2	6.7	3.4	0.7
October	100	706	22.1	246.4	91.0	84.8	11.1	2.6	1.6
November	100	686	27.1	249.2	81.9	81.3	11.4	6.0	1.3
December	100	705	25.7	497.7	148.5	84.8	11.5	2.4	1.3
Annual	98	8163	21.2	522.7	148.5	86.0	10.0	3.3	0.6



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	8.6	76.8	34.0	98.3	1.7	0.0	0.0
February	100	636	6.7	85.0	18.5	99.8	0.0	0.2	0.0
March	100	706	5.7	51.8	13.8	99.2	0.9	0.0	0.0
April	100	683	3.7	41.2	8.8	99.9	0.2	0.0	0.0
May	100	707	3.7	26.6	8.2	100.0	0.0	0.0	0.0
June	97	663	3.3	22.6	8.2	100.0	0.0	0.0	0.0
July	97	681	2.6	26.3	6.6	100.0	0.0	0.0	0.0
August	100	704	8.4	89.3	24.2	97.2	2.7	0.1	0.0
September	100	682	6.6	72.9	38.1	97.7	2.4	0.0	0.0
October	100	707	4.7	42.8	22.3	99.7	0.3	0.0	0.0
November	100	685	5.4	44.3	16.1	99.9	0.2	0.0	0.0
December	100	707	7.8	45.2	15.1	99.7	0.3	0.0	0.0
Annual	99	8268	5.6	89.3	38.1	99.2	0.8	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	701	3.1	24.1	9.5	100.0	0.0	0.0	0.0
February	100	636	2.6	24.0	5.6	100.0	0.0	0.0	0.0
March	100	706	1.8	9.4	3.8	100.0	0.0	0.0	0.0
April	97	661	0.8	9.6	1.5	100.0	0.0	0.0	0.0
May	100	706	1.9	19.9	5.4	100.0	0.0	0.0	0.0
June	96	656	1.3	11.6	2.3	100.0	0.0	0.0	0.0
July	100	705	0.8	9.0	3.3	100.0	0.0	0.0	0.0
August	100	707	0.7	7.5	1.9	100.0	0.0	0.0	0.0
September	100	685	0.9	13.9	2.9	100.0	0.0	0.0	0.0
October	100	707	0.9	13.7	1.9	100.0	0.0	0.0	0.0
November	94	647	1.3	6.8	3.4	100.0	0.0	0.0	0.0
December	98	692	2.4	10.2	5.1	100.0	0.0	0.0	0.0
Annual	99	8209	1.5	24.1	9.5	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	705	2.8	21.9	5.6	100.0	0.0	0.0	0.0
February	100	635	4.4	31.4	13.5	100.0	0.0	0.0	0.0
March	99	696	2.6	13.7	6.6	100.0	0.0	0.0	0.0
April	100	684	1.2	7.9	3.6	100.0	0.0	0.0	0.0
May	100	706	1.9	12.1	3.6	100.0	0.0	0.0	0.0
June	100	681	1.6	8.1	2.8	100.0	0.0	0.0	0.0
July	100	707	1.5	10.4	4.2	100.0	0.0	0.0	0.0
August	100	705	1.3	9.6	3.0	100.0	0.0	0.0	0.0
September	99	676	1.7	10.4	4.1	100.0	0.0	0.0	0.0
October	100	705	1.3	8.8	3.8	100.0	0.0	0.0	0.0
November	100	687	1.4	10.0	3.1	100.0	0.0	0.0	0.0
December	100	708	2.4	21.1	9.8	100.0	0.0	0.0	0.0
Annual	100	8295	2.0	31.4	13.5	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	26.2	189.3	88.2	78.2	15.0	6.4	0.4
February	99	632	18.5	169.3	62.9	90.7	7.1	1.9	0.3
March	100	707	11.5	114.8	37.6	97.6	1.7	0.7	0.0
April	100	684	8.0	98.2	21.0	98.3	1.5	0.3	0.0
May	100	707	6.5	102.7	20.1	99.0	0.7	0.3	0.0
June	97	663	6.3	75.2	20.1	98.8	1.2	0.0	0.0
July	100	708	5.3	68.0	13.5	99.2	0.9	0.0	0.0
August	100	707	5.4	74.5	14.9	99.0	1.0	0.0	0.0
September	100	685	5.7	77.8	11.7	98.5	1.5	0.0	0.0
October	100	708	6.1	75.5	20.3	99.3	0.7	0.0	0.0
November	100	684	13.6	160.4	67.1	89.9	8.6	1.3	0.2
December	100	708	13.0	134.5	47.2	90.4	8.9	0.7	0.0
Annual	100	8300	10.5	189.3	88.2	94.9	4.1	1.0	0.1



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
October	100	704	2.2	20.0	11.6	100.0	0.0	0.0	0.0
November	100	685	2.3	24.4	7.7	100.0	0.0	0.0	0.0
December	100	707	3.2	48.9	14.2	99.7	0.3	0.0	0.0
Annual	100	2096	2.6	48.9	14.2	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
July	93	659	2.2	25.0	9.7	100.0	0.0	0.0	0.0
August	89	632	2.9	23.3	7.1	100.0	0.0	0.0	0.0
September	100	684	3.2	25.2	15.2	100.0	0.0	0.0	0.0
October	100	708	2.2	24.2	8.5	100.0	0.0	0.0	0.0
November	100	685	4.2	39.7	12.9	100.0	0.0	0.0	0.0
December	100	707	6.9	37.2	19.9	100.0	0.0	0.0	0.0
Annual	97	4075	3.6	39.7	19.9	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	4.4	32.5	9.8	100.0	0.0	0.0	0.0
February	99	635	4.3	21.7	7.1	100.0	0.0	0.0	0.0
March	100	707	3.2	23.8	6.3	100.0	0.0	0.0	0.0
April	100	685	2.0	24.0	5.4	100.0	0.0	0.0	0.0
May	100	708	2.4	28.5	4.8	100.0	0.0	0.0	0.0
June	100	684	2.0	15.8	3.9	100.0	0.0	0.0	0.0
July	100	708	2.0	24.2	5.2	100.0	0.0	0.0	0.0
Annual	100	4835	2.9	32.5	9.8	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
July	97	560	1.5	66.3	8.2	99.6	0.4	0.0	0.0
August	100	707	2.7	171.6	45.2	98.6	0.7	0.6	0.1
September	100	685	2.4	19.9	7.2	100.0	0.0	0.0	0.0
October	99	700	2.3	71.9	26.5	99.6	0.4	0.0	0.0
November	100	685	1.9	14.4	4.1	100.0	0.0	0.0	0.0
December	100	708	3.2	19.5	7.0	100.0	0.0	0.0	0.0
Annual	99	4045	2.3	171.6	45.2	99.6	0.3	0.1	0.0



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	701	3.5	15.6	10.2	100.0	0.0	0.0	0.0
February	100	637	3.1	18.9	6.8	100.0	0.0	0.0	0.0
March	100	706	2.3	15.4	5.1	100.0	0.0	0.0	0.0
April	100	683	1.5	12.1	4.8	100.0	0.0	0.0	0.0
May	94	663	1.5	40.2	4.6	100.0	0.0	0.0	0.0
June	91	618	1.1	9.0	2.3	100.0	0.0	0.0	0.0
Annual	97	4008	2.2	40.2	10.2	100.0	0.0	0.0	0.0



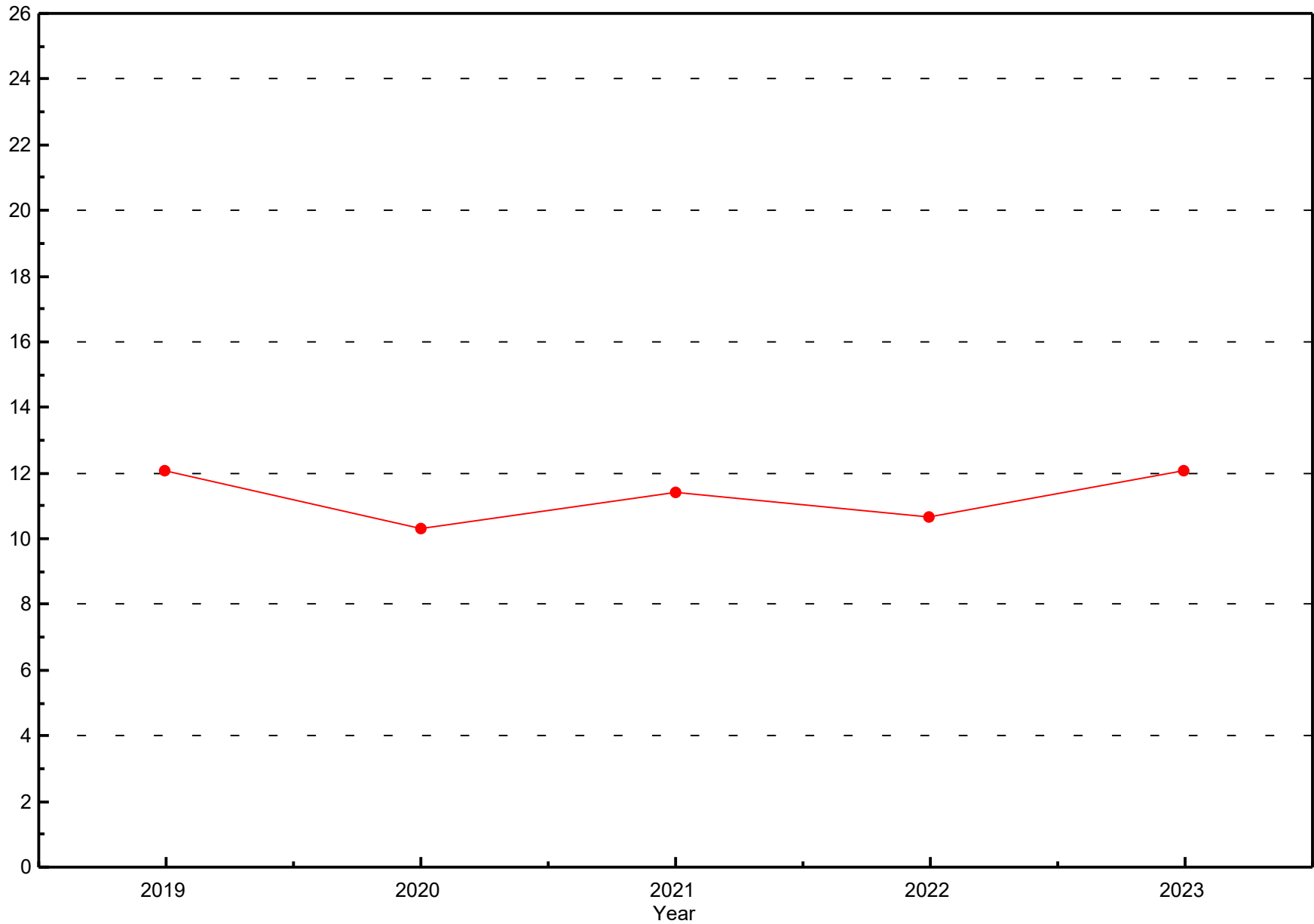
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Oxides of Nitrogen (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
October	99	693	2.0	37.6	6.1	100.0	0.0	0.0	0.0
November	100	685	2.6	21.8	5.9	100.0	0.0	0.0	0.0
December	99	701	5.4	96.0	23.0	99.0	0.9	0.1	0.0
Annual	99	2079	3.3	96.0	23.0	99.7	0.3	0.0	0.0



Yearly Averages

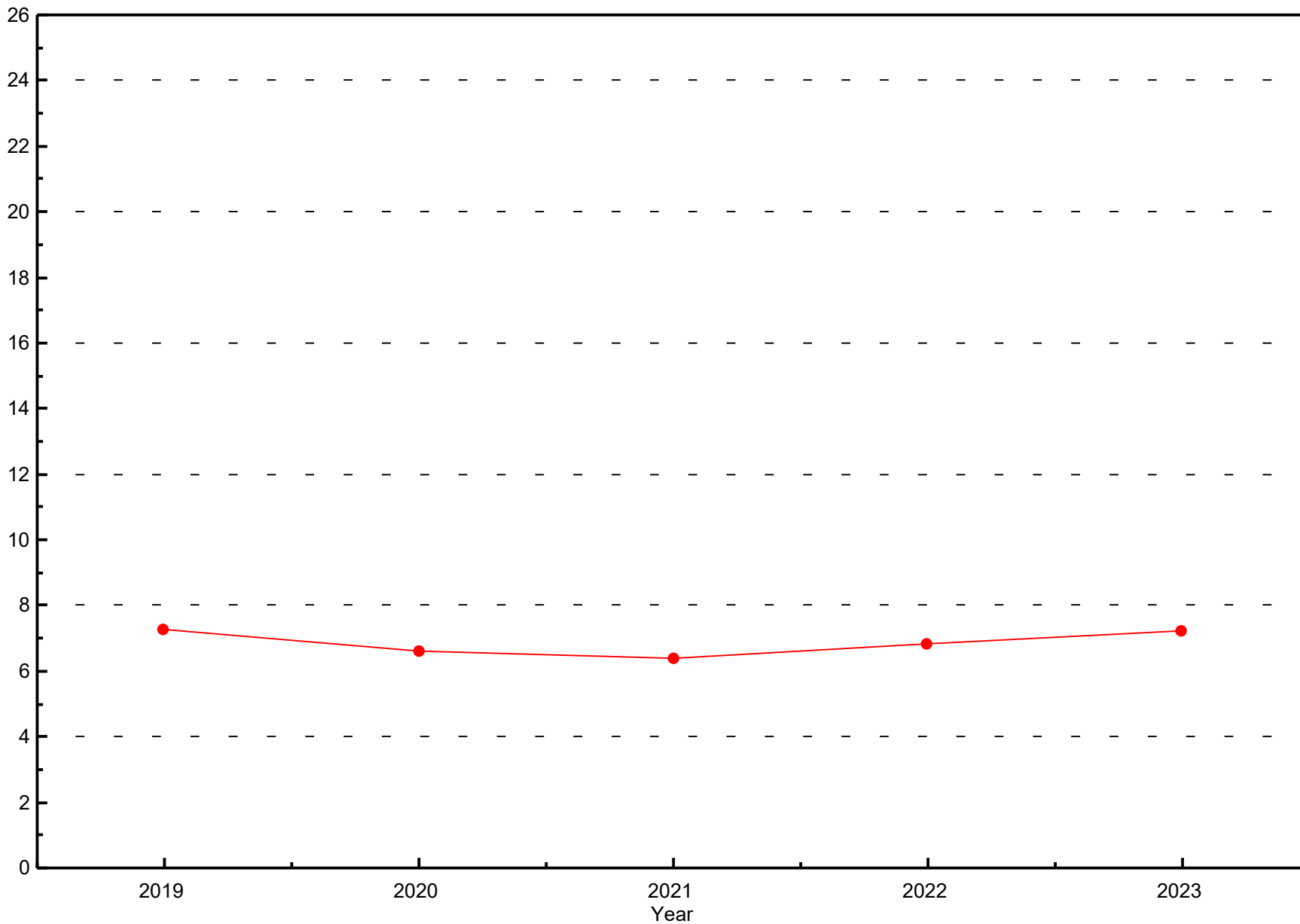
Nitrogen Oxides (NO_x) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

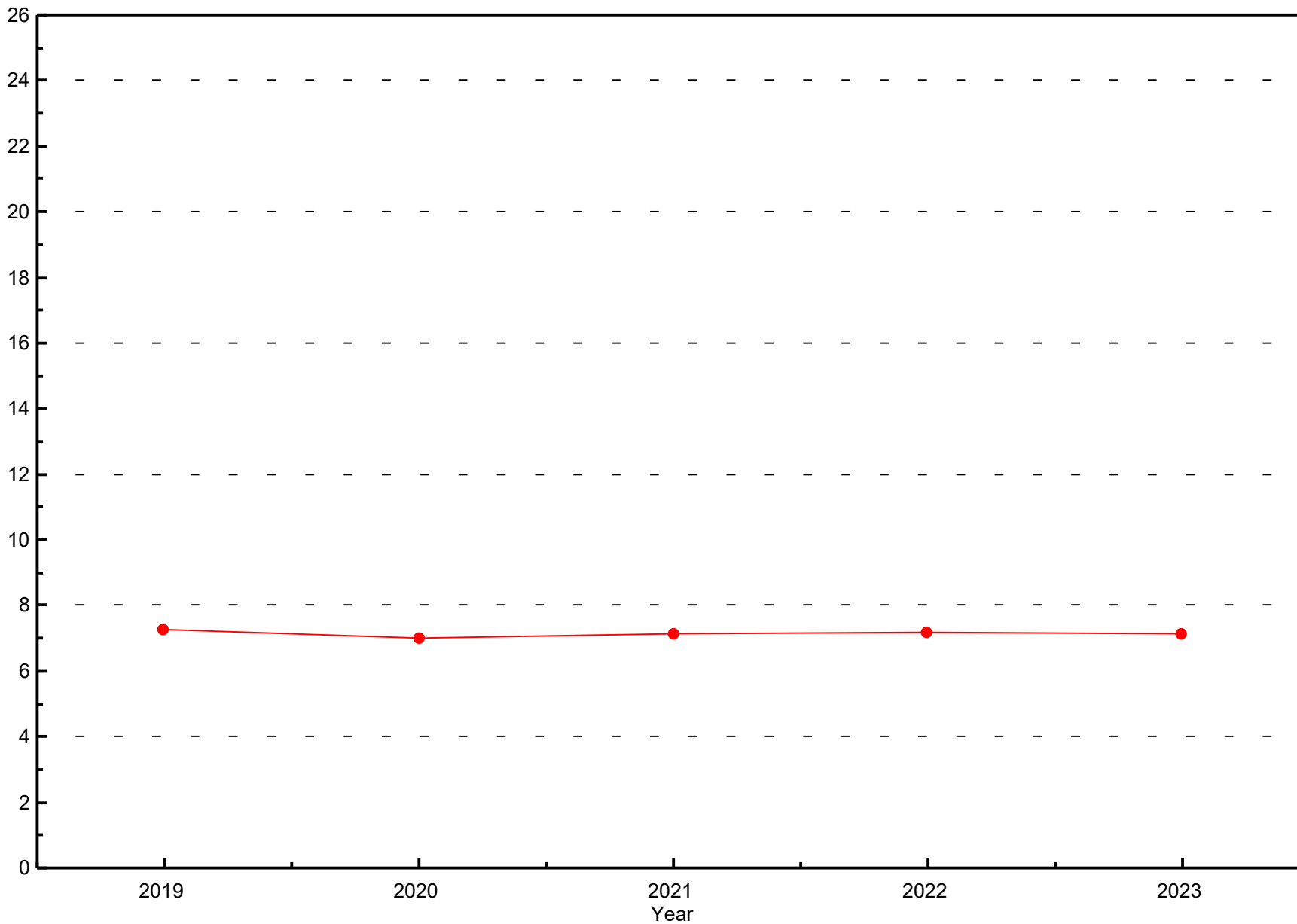
Nitrogen Oxides (NO_x) - ppb
Buffalo Viewpoint (2019 to 2023)





Yearly Averages

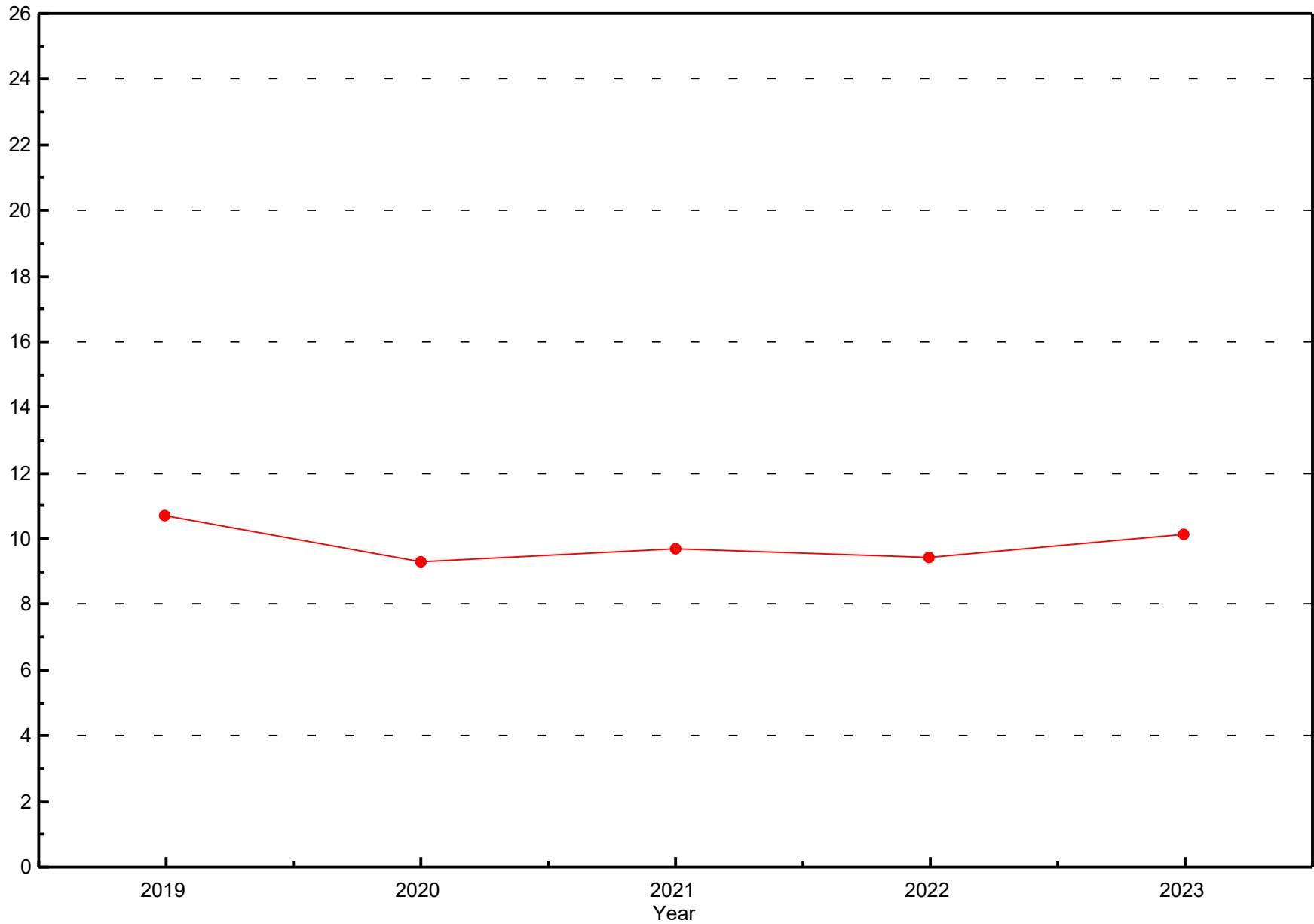
Nitrogen Oxides (NO_x) - ppb
Patricia McInnes (2019 to 2023)





Yearly Averages

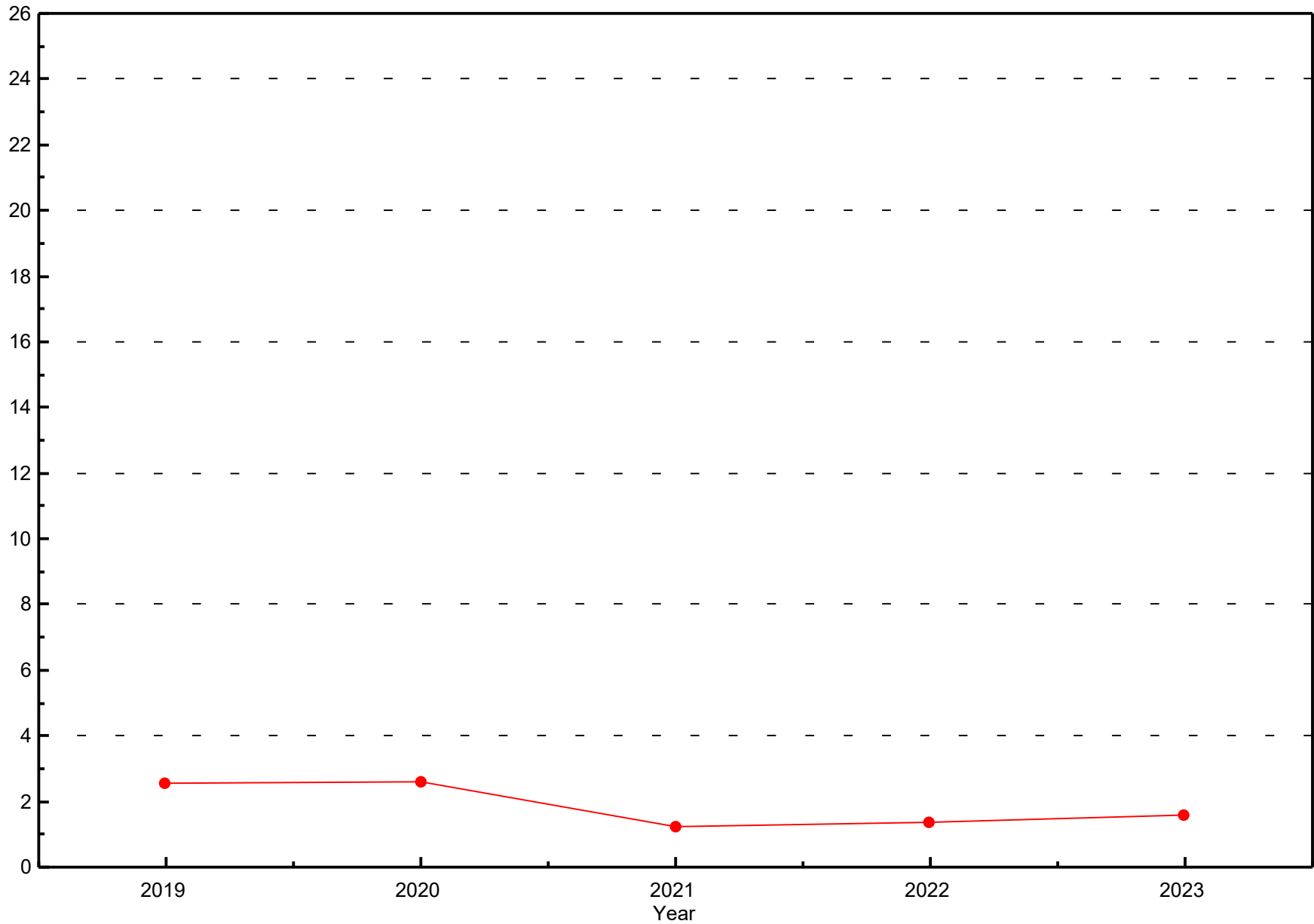
Nitrogen Oxides (NO_x) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

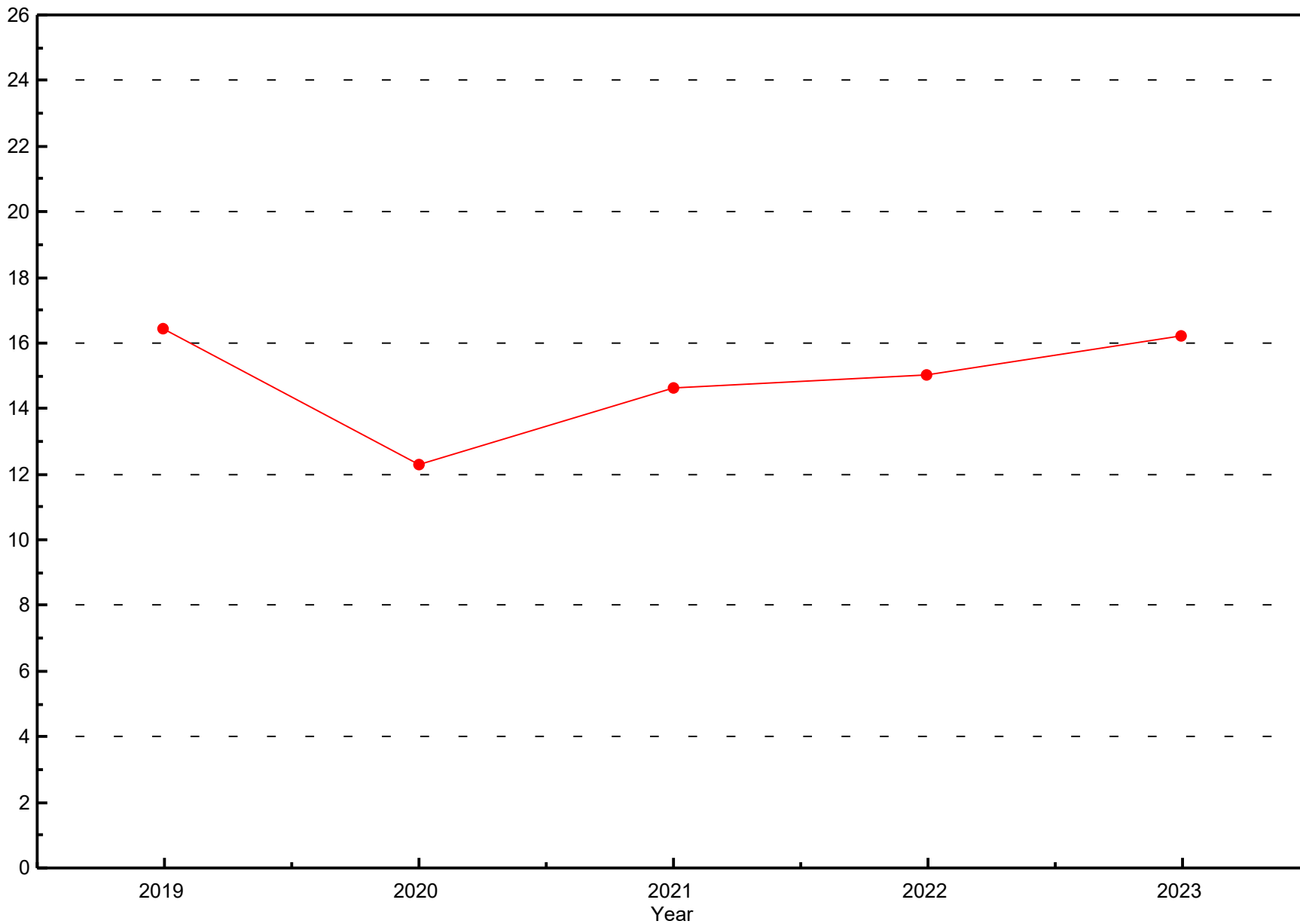
Nitrogen Oxides (NO_x) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

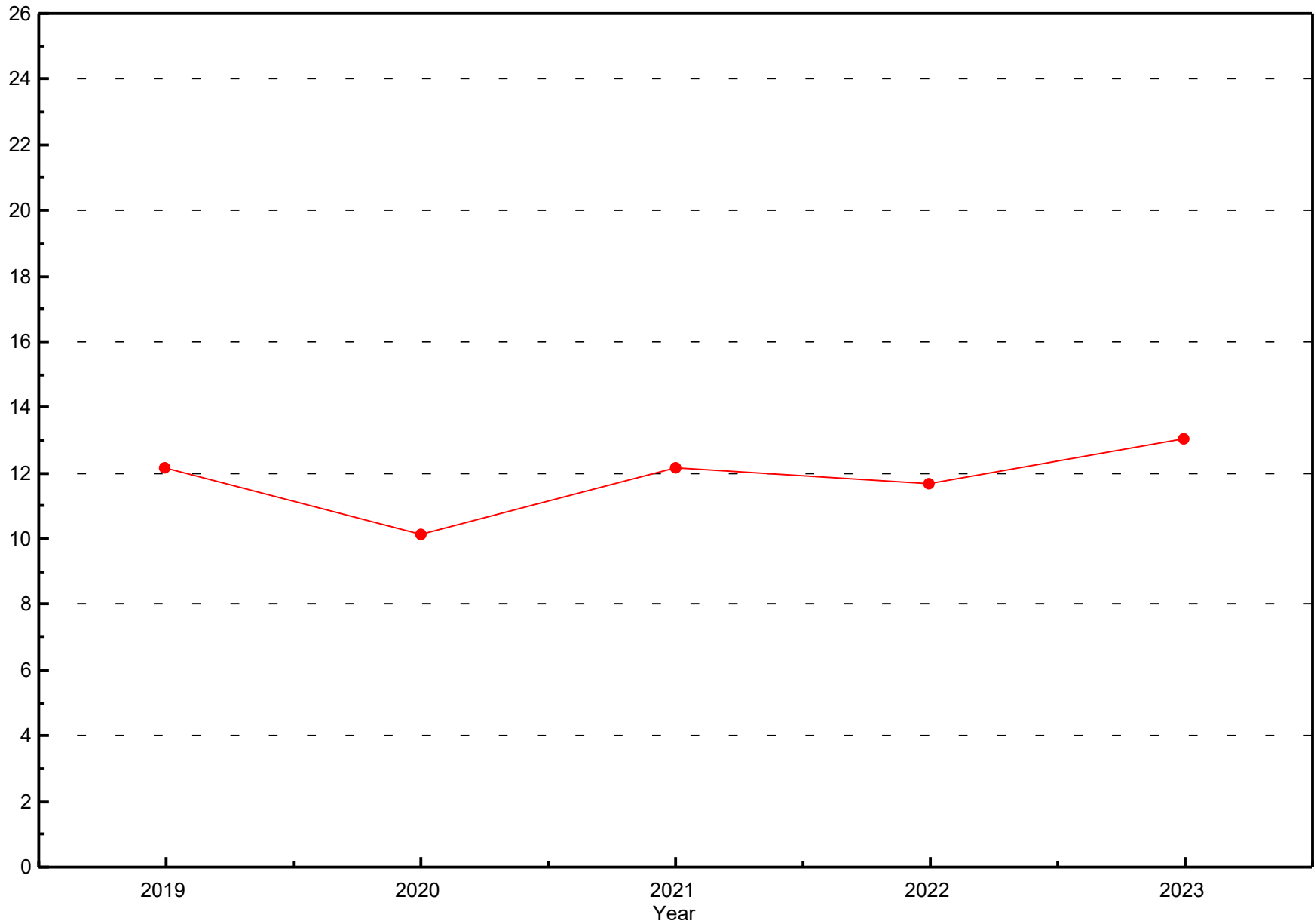
Nitrogen Oxides (NO_x) - ppb
Barge Landing (2019 to 2023)





Yearly Averages

Nitrogen Oxides (NO_x) - ppb
Fort McKay South (2019 to 2023)

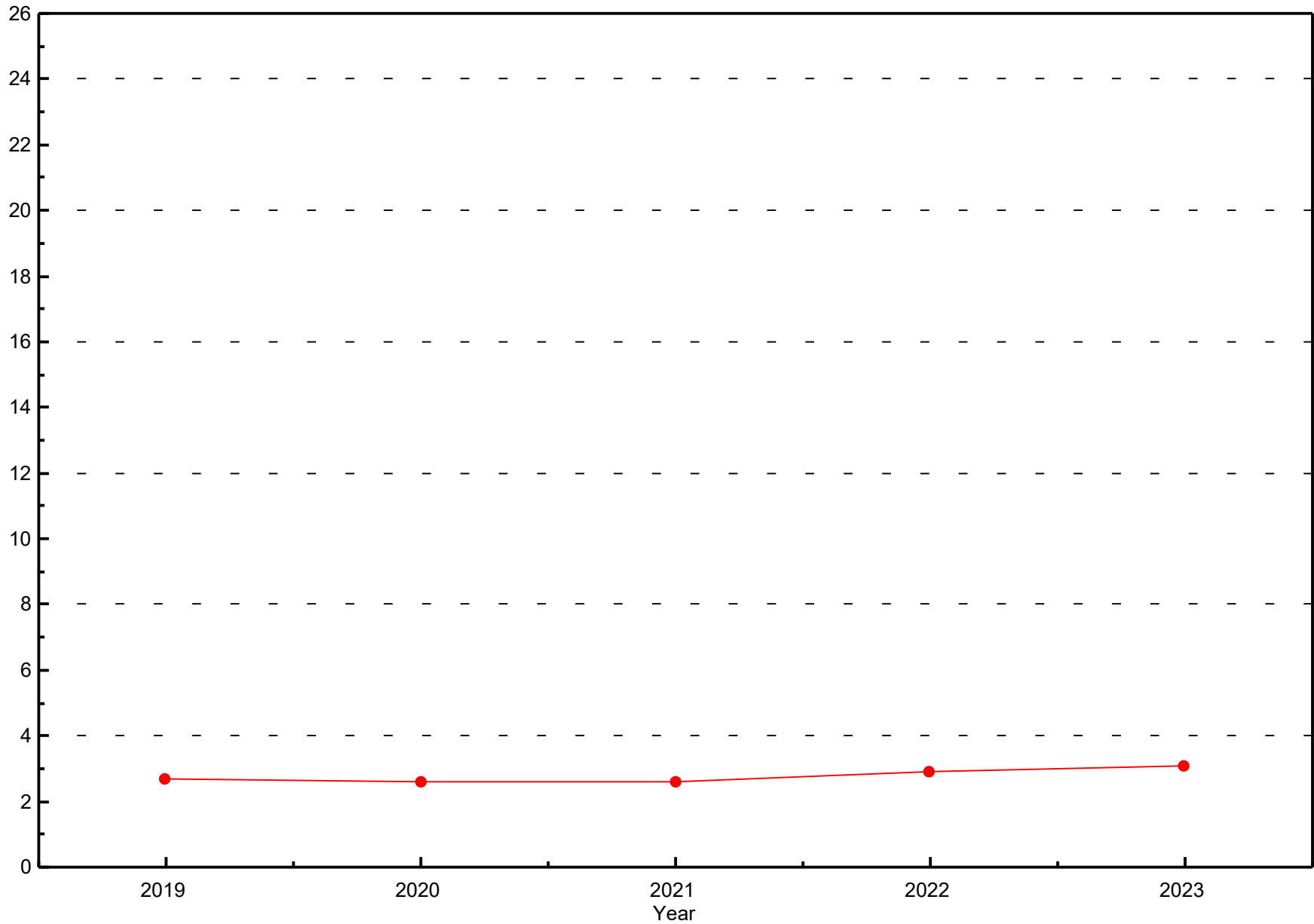




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

Anzac (2019 to 2023)

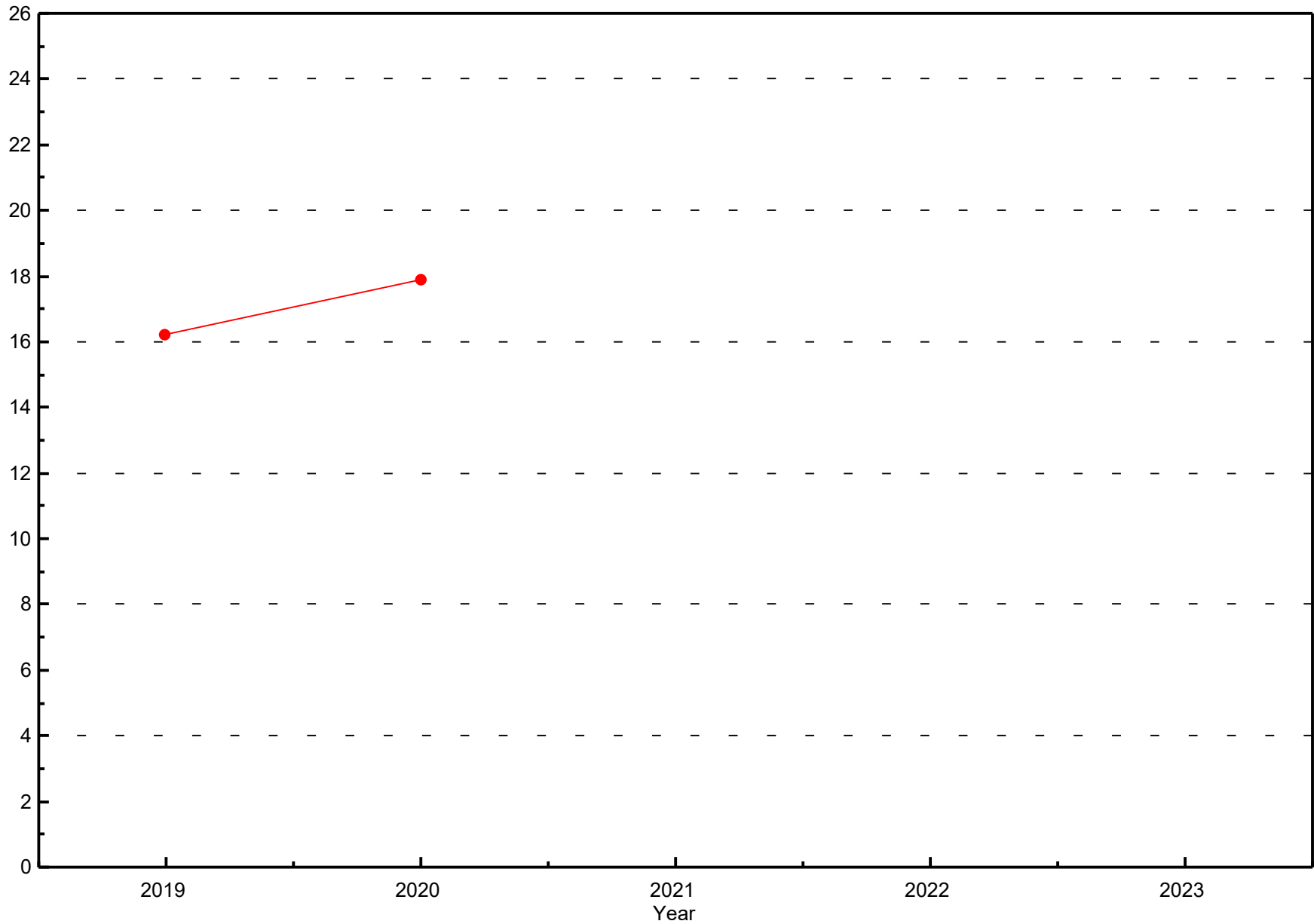




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

Horizon (2019 to 2023)

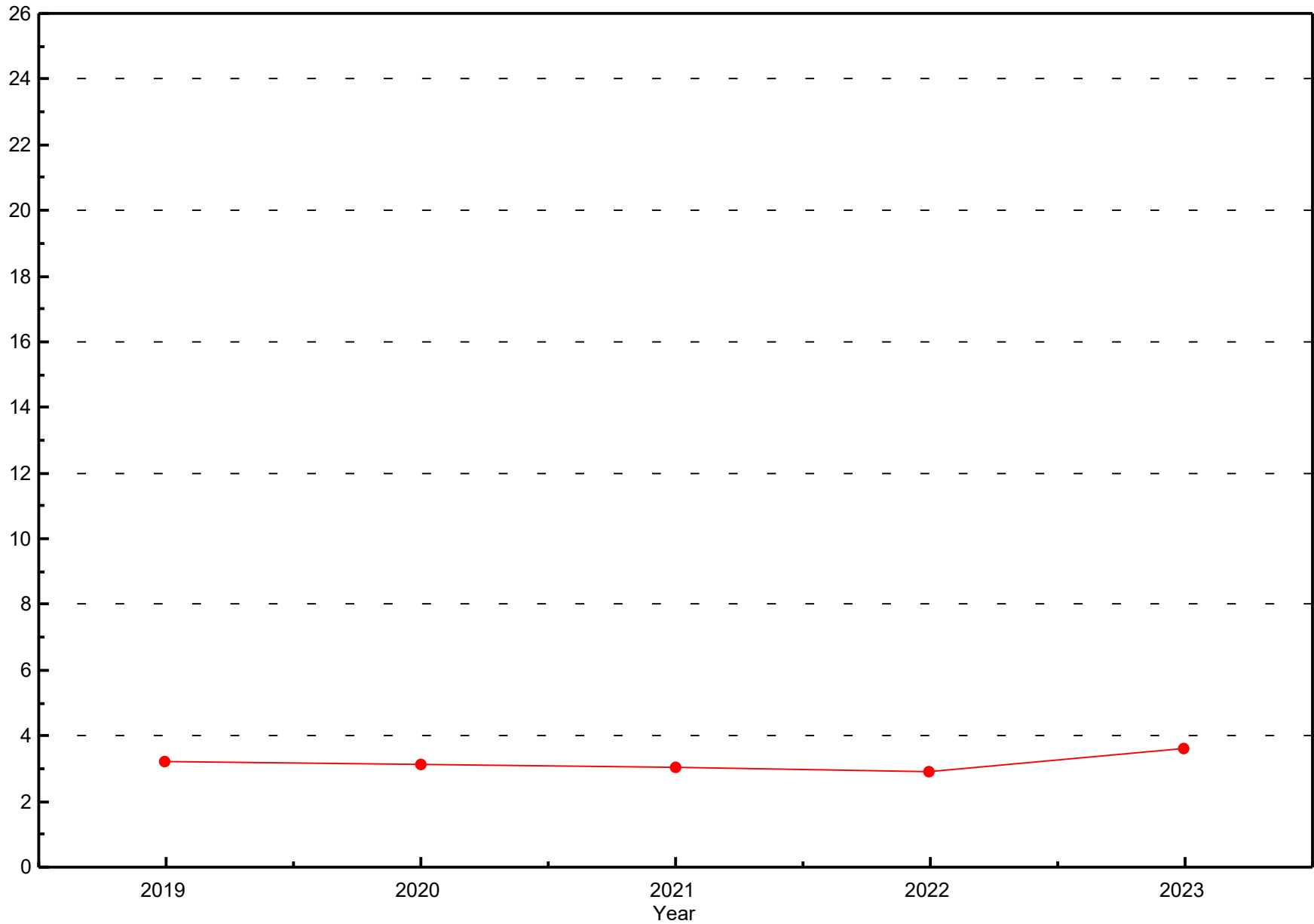




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

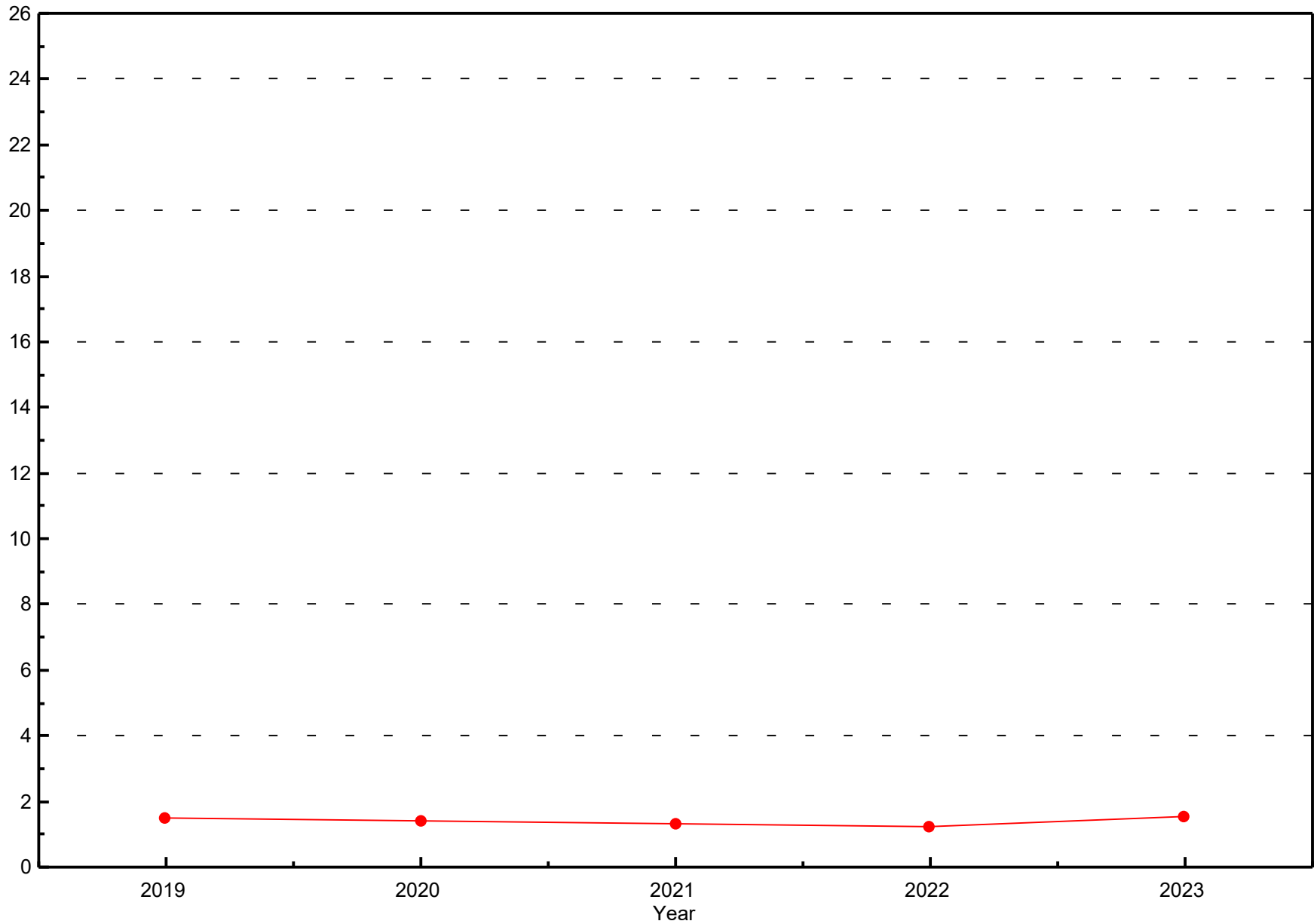
Wapasu (2019 to 2023)





Yearly Averages

Nitrogen Oxides (NO_x) - ppb
Stony Mountain (2019 to 2023)

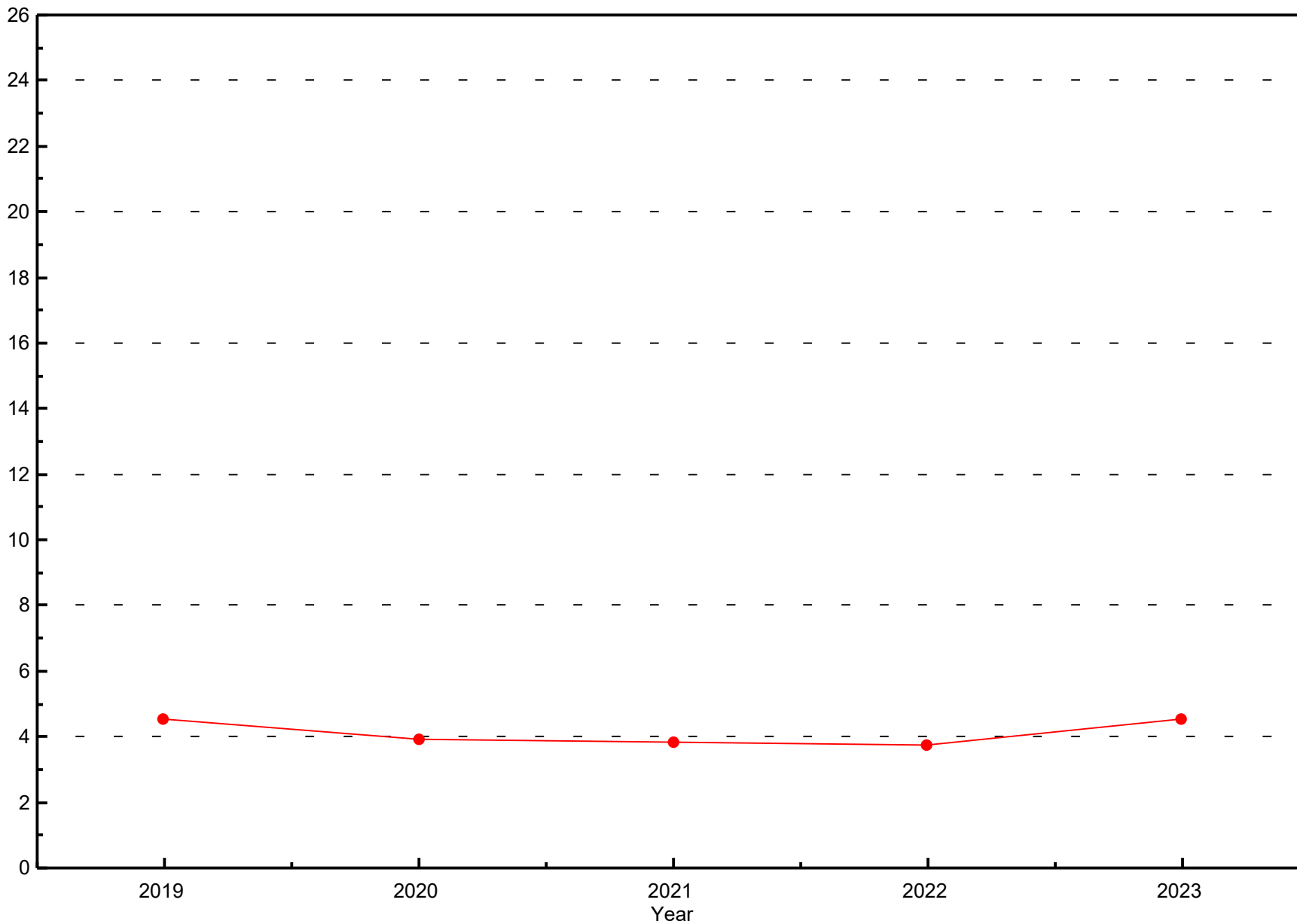




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

Firebag (2019 to 2023)

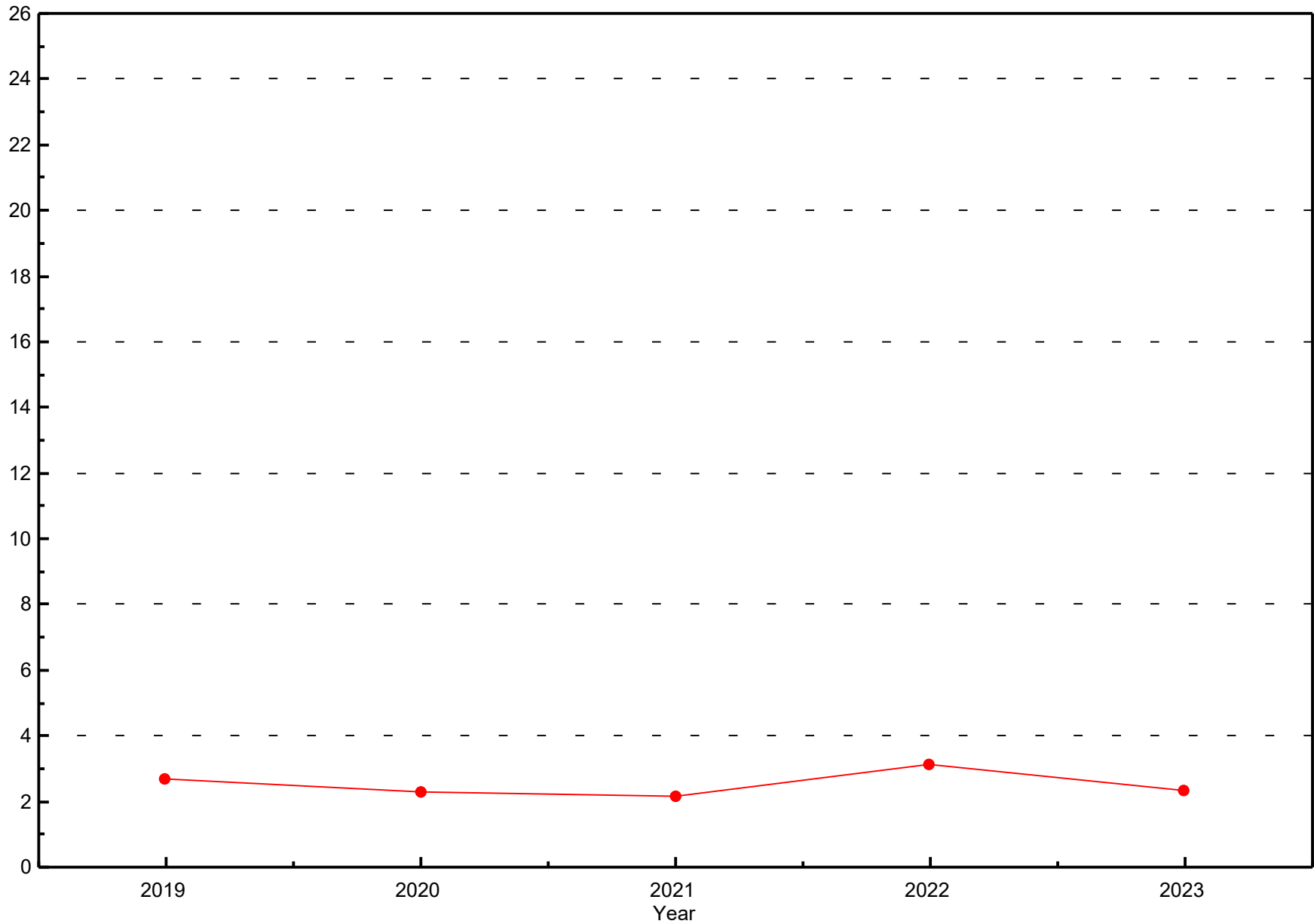




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

Mackay River (2019 to 2023)

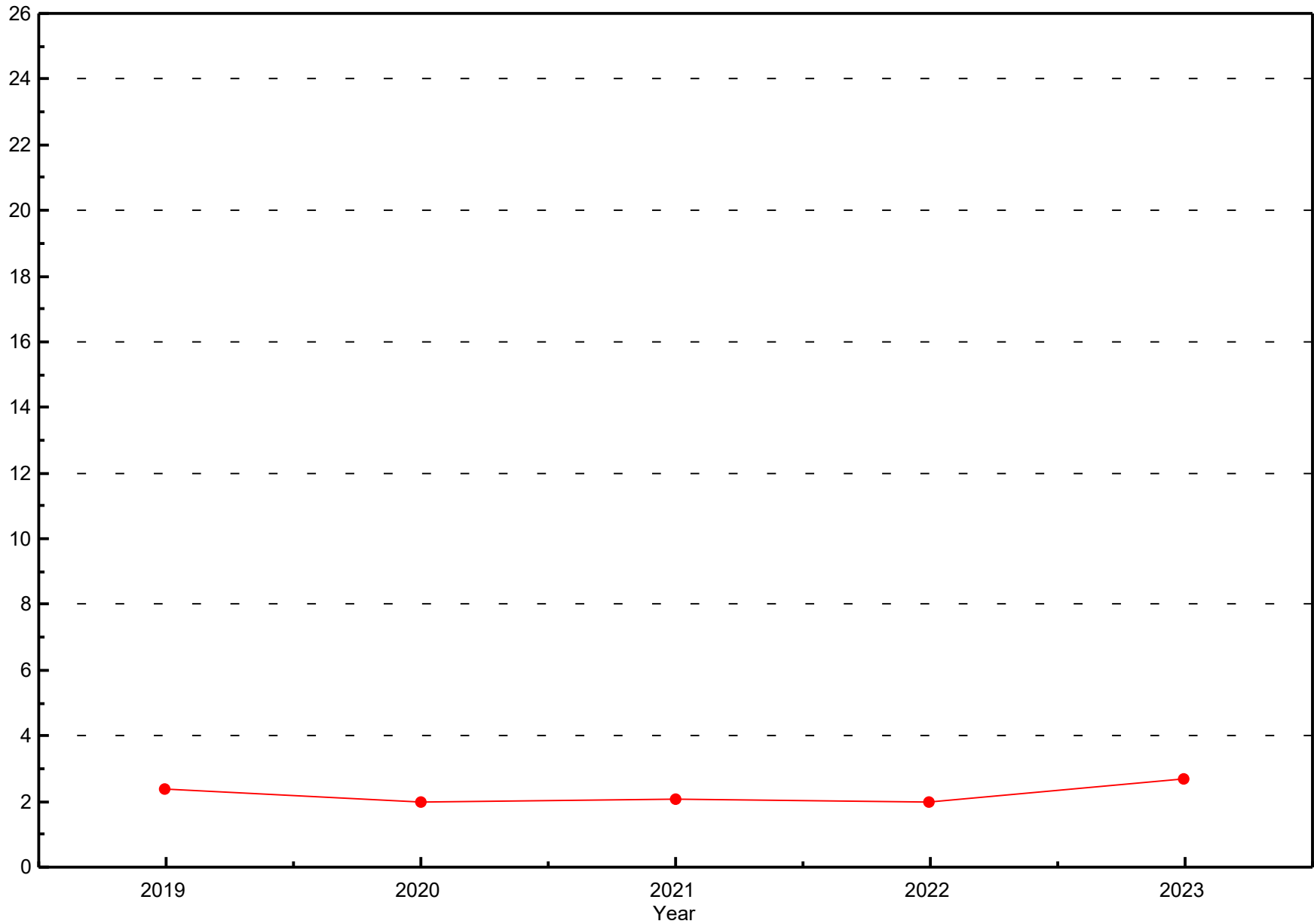




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

Conklin (2019 to 2023)

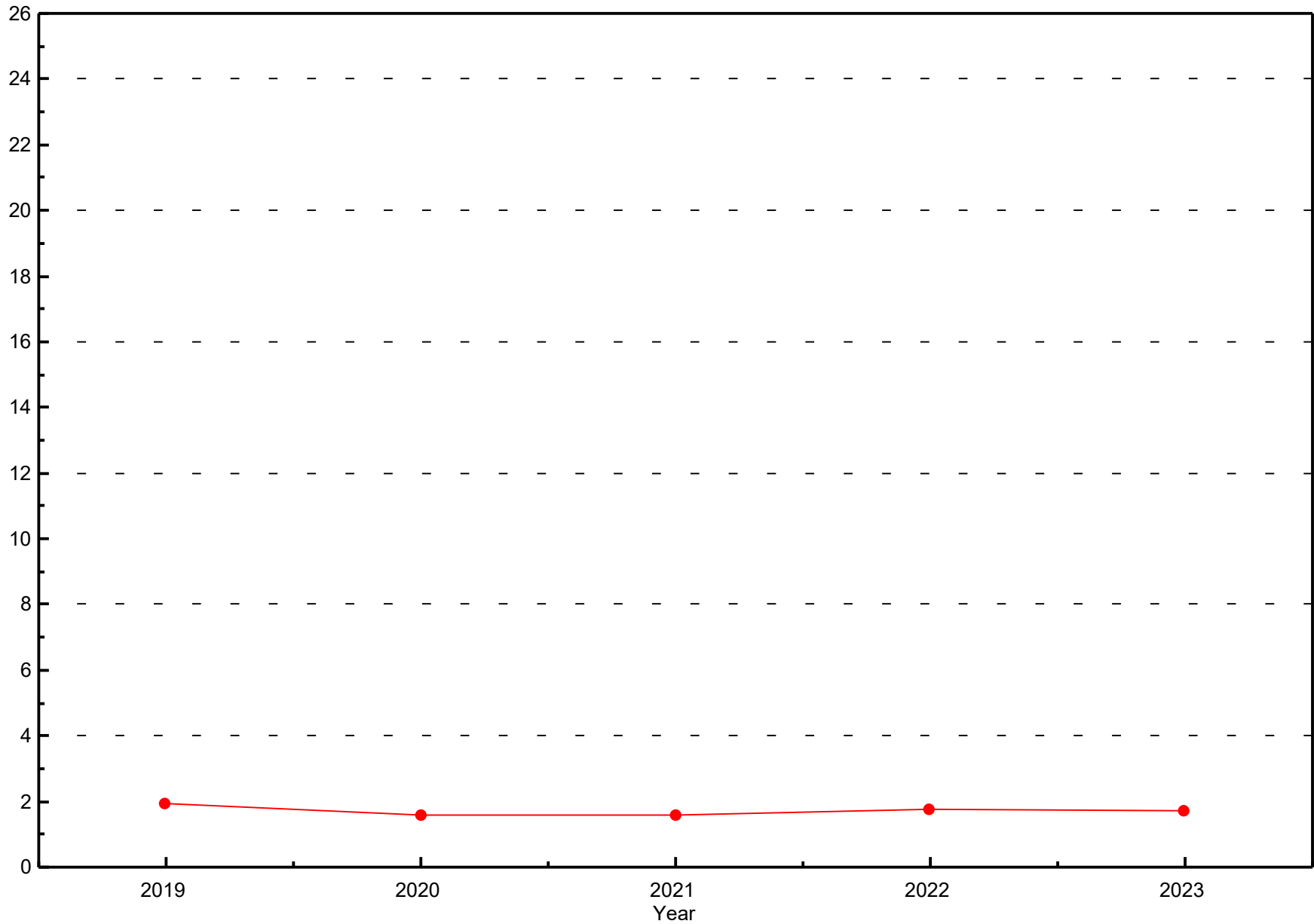




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

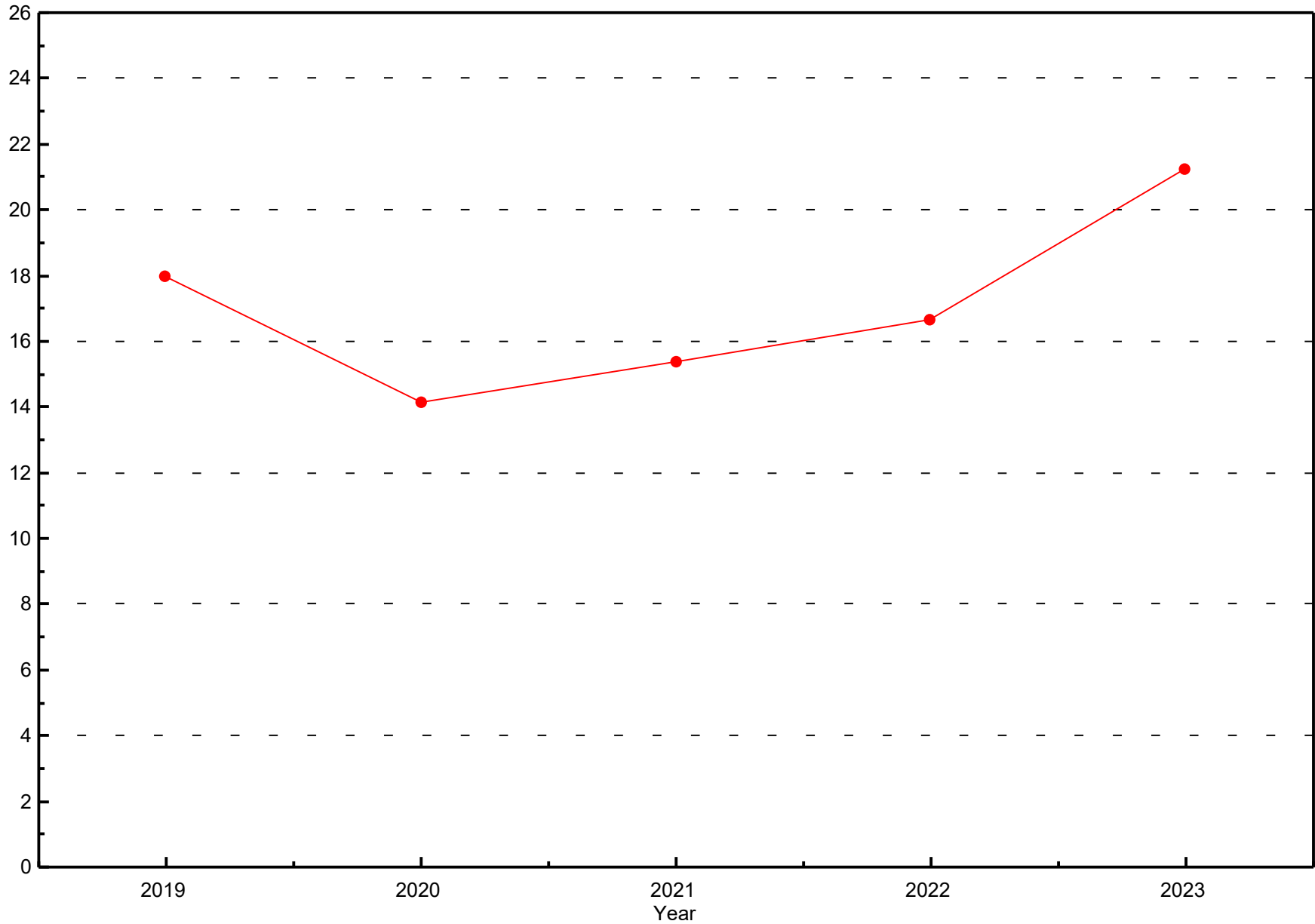
Janvier (2019 to 2023)





Yearly Averages

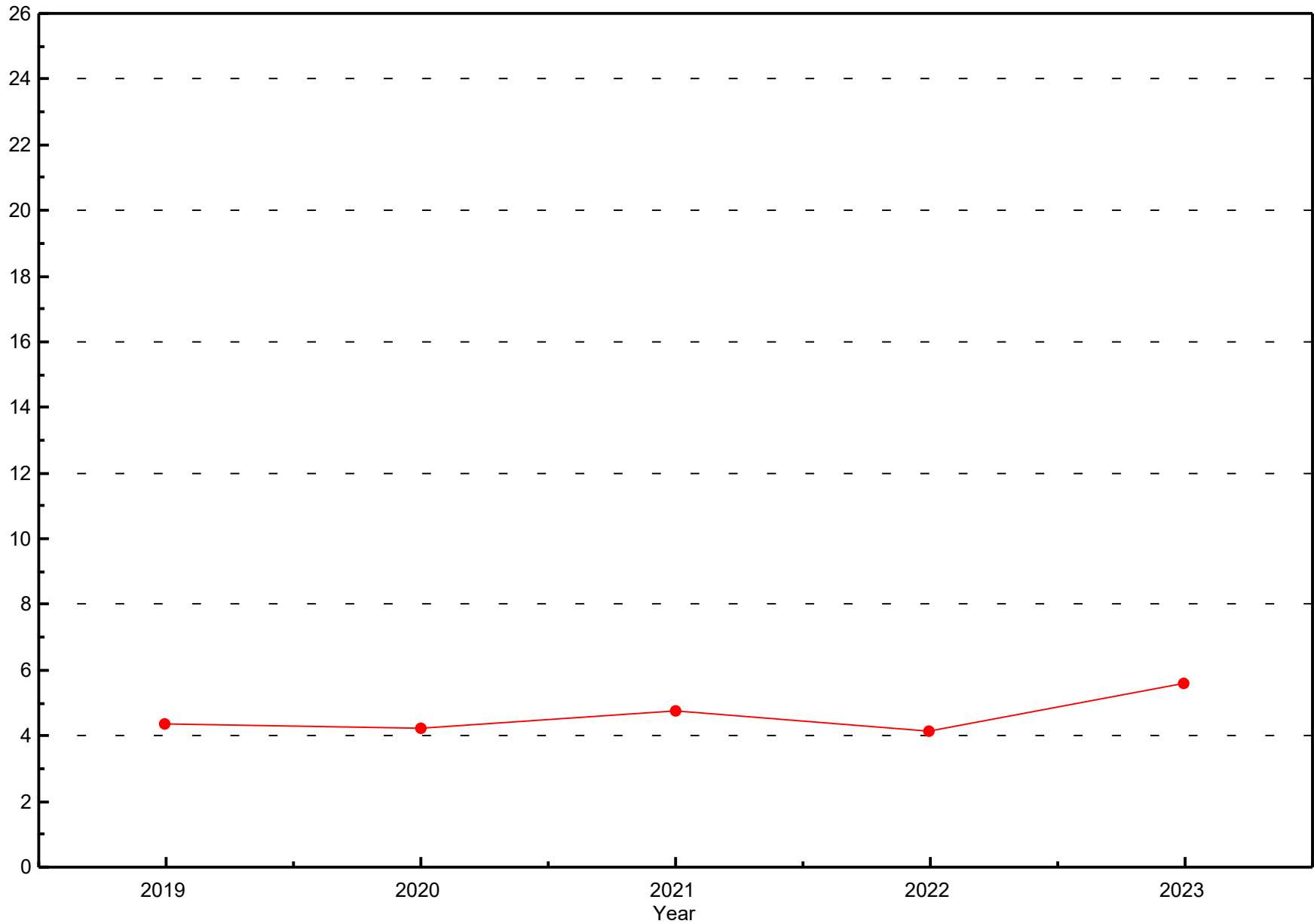
Nitrogen Oxides (NO_x) - ppb
Fort Hills (2019 to 2023)





Yearly Averages

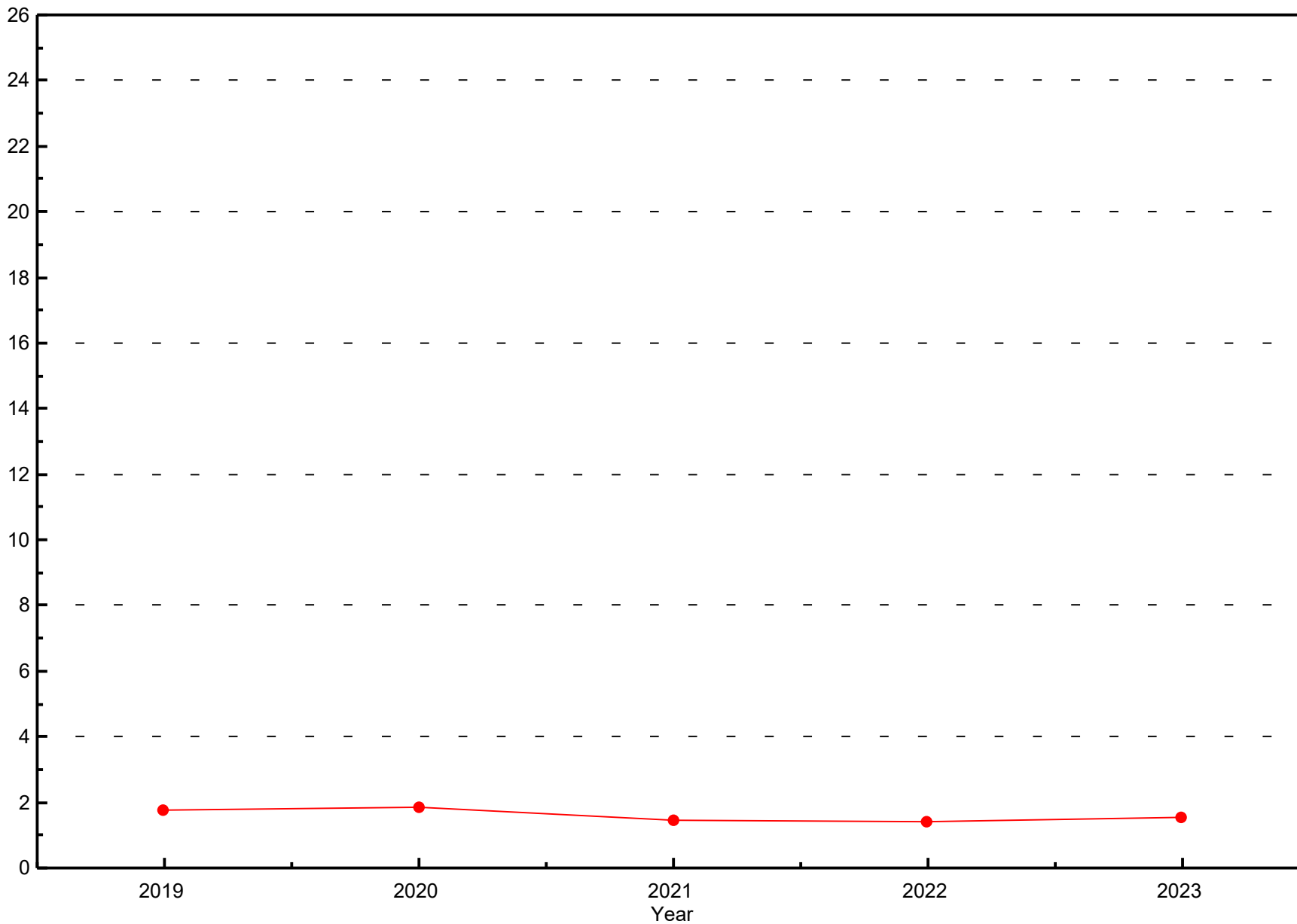
Nitrogen Oxides (NO_x) - ppb
Christina Lake (2019 to 2023)





Yearly Averages

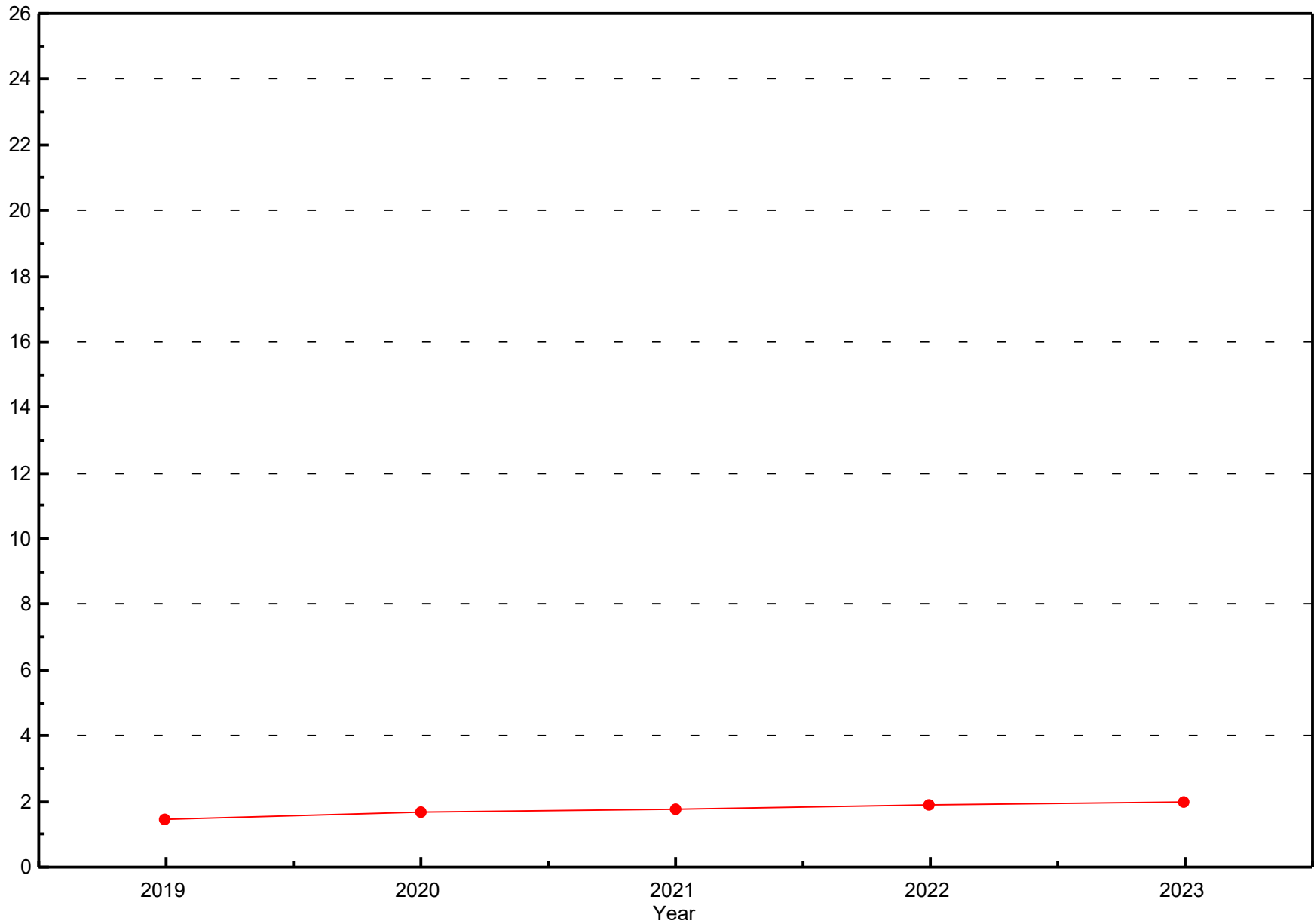
Nitrogen Oxides (NO_x) - ppb
Jackfish 2/3 (2019 to 2023)





Yearly Averages

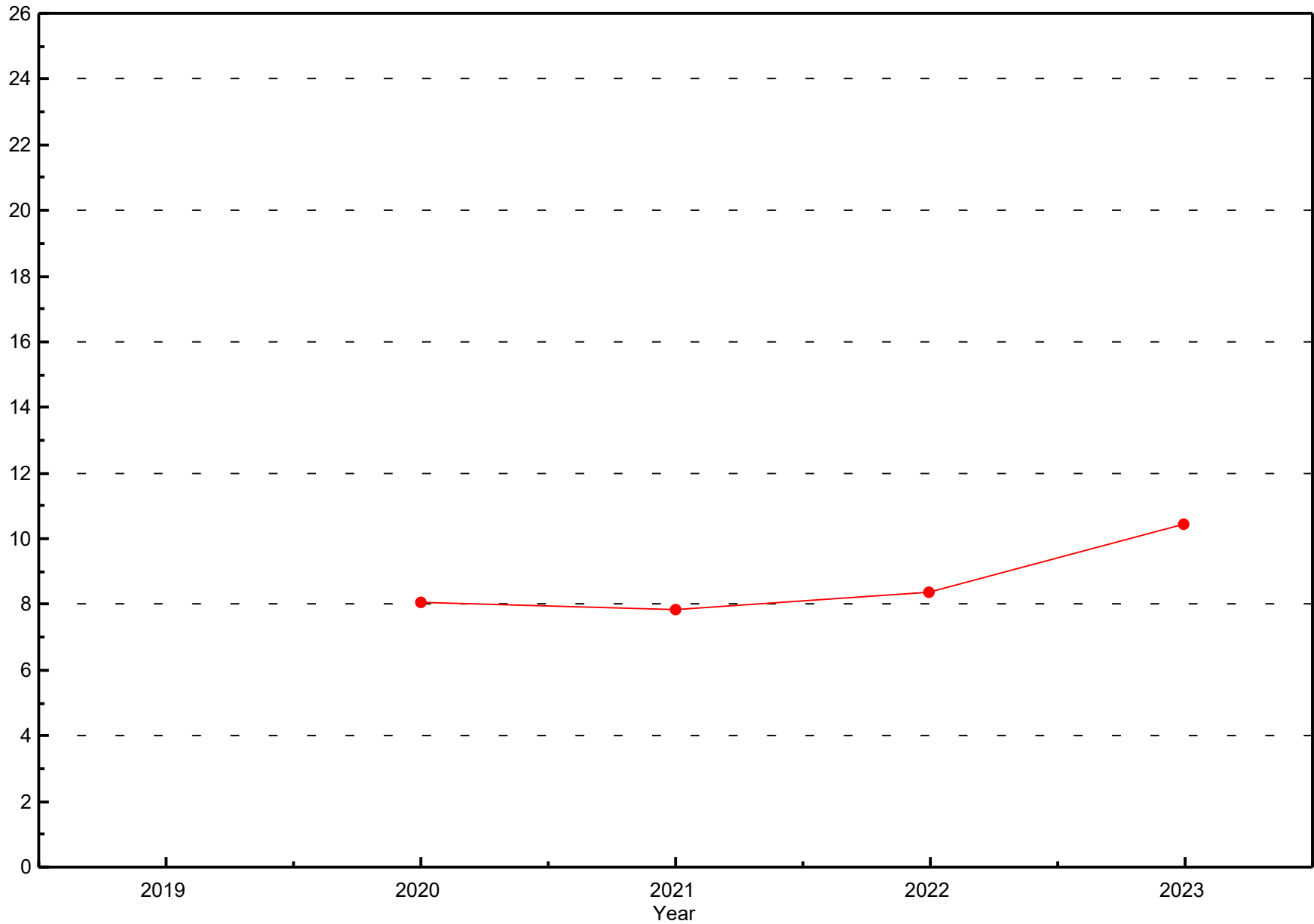
Nitrogen Oxides (NO_x) - ppb
Surmont 2 (2019 to 2023)





Yearly Averages

Nitrogen Oxides (NO_x) - ppb
Ells River (2019 to 2023)

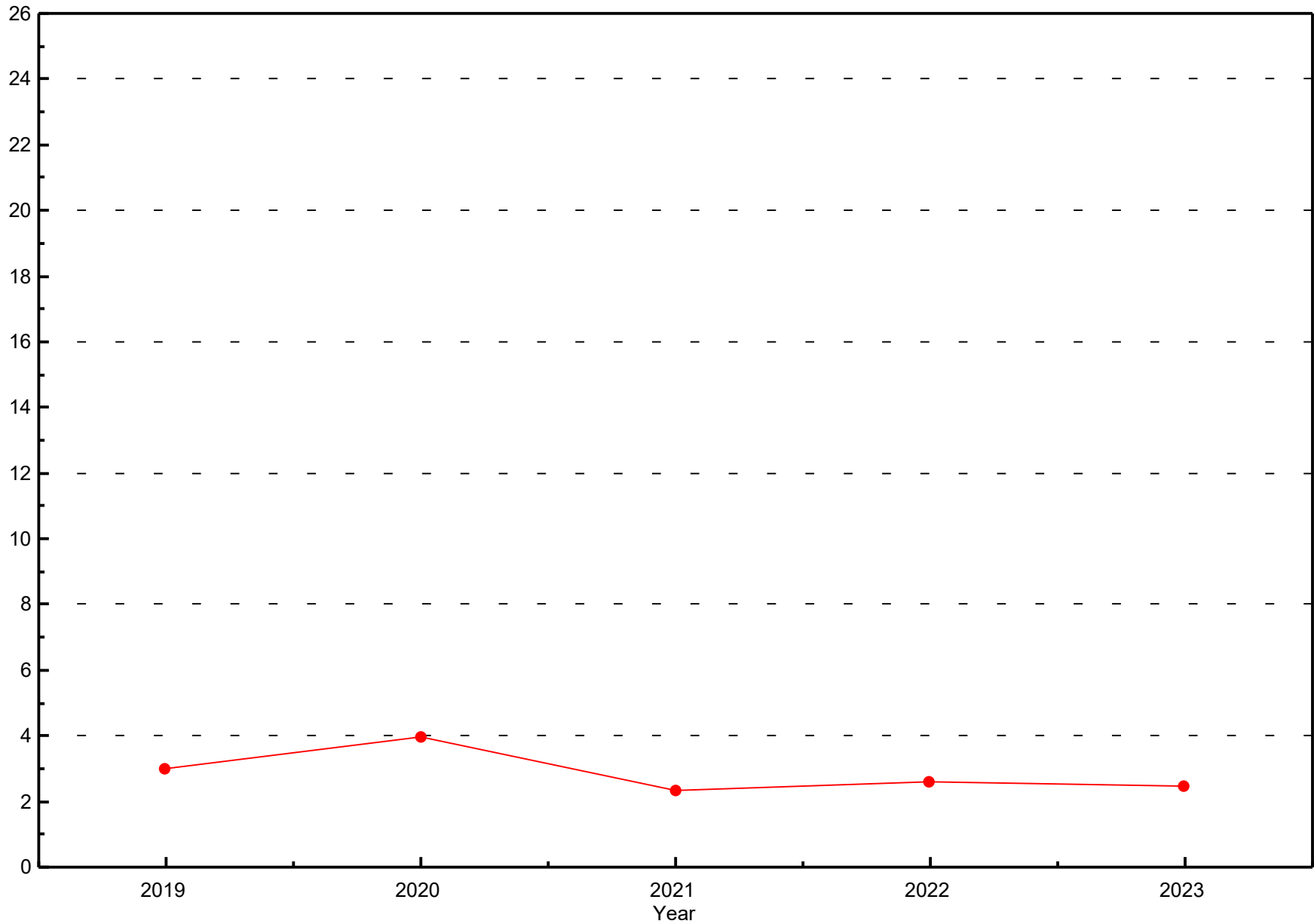




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

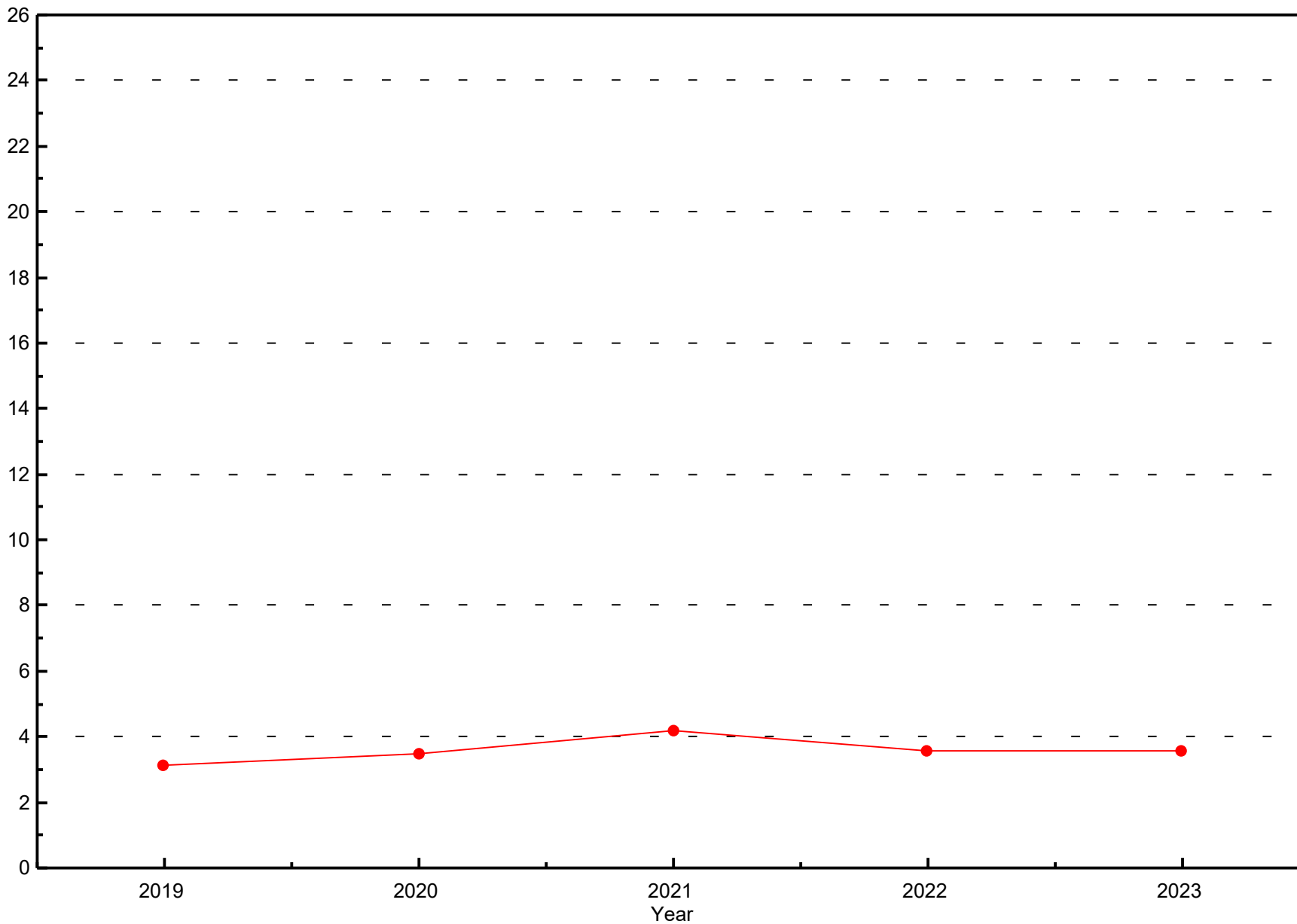
Leismer (2019 to 2023)





Yearly Averages

Nitrogen Oxides (NO_x) - ppb
Sawbones Bay (2019 to 2023)

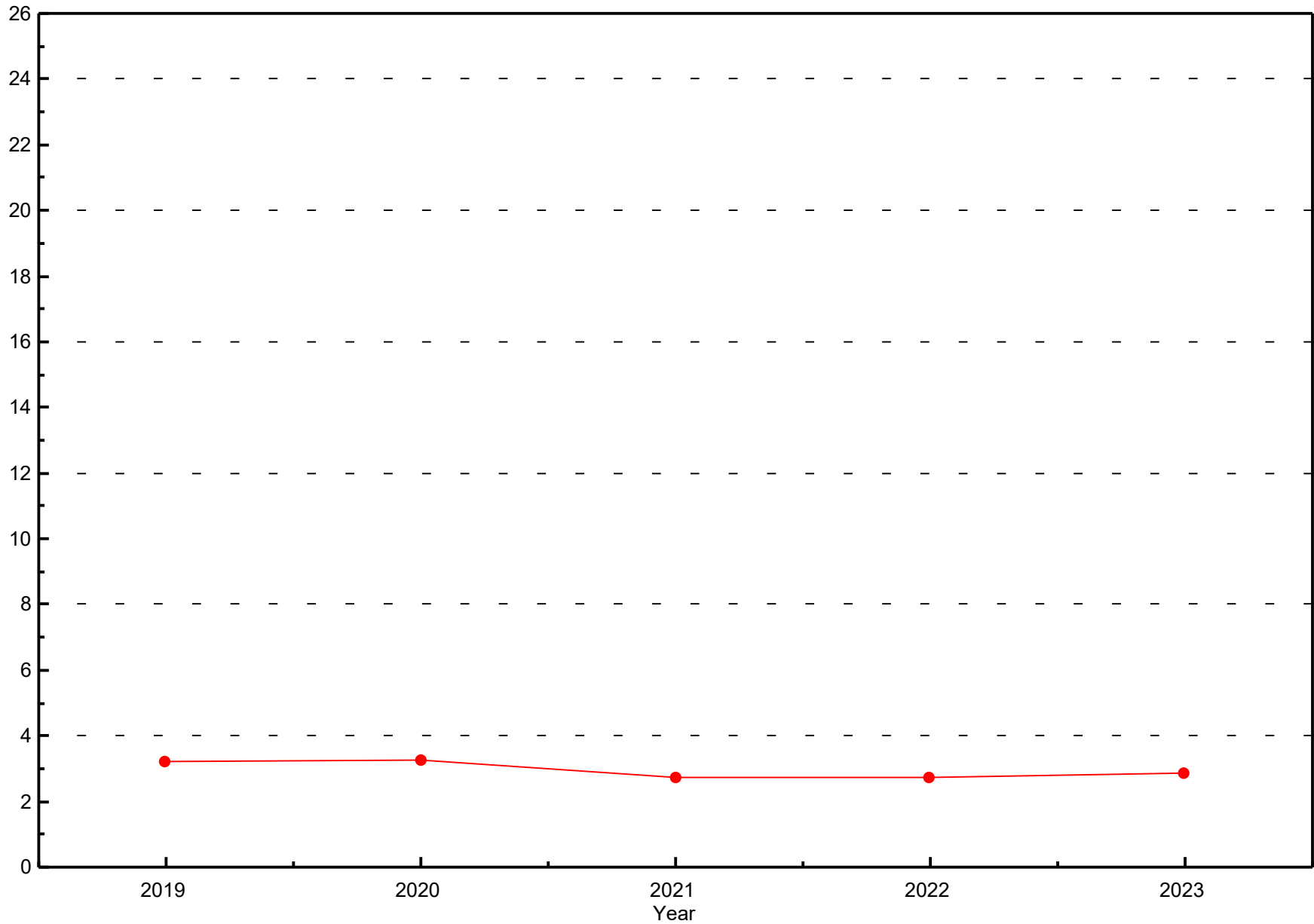




Yearly Averages

Nitrogen Oxides (NO_x) - ppb

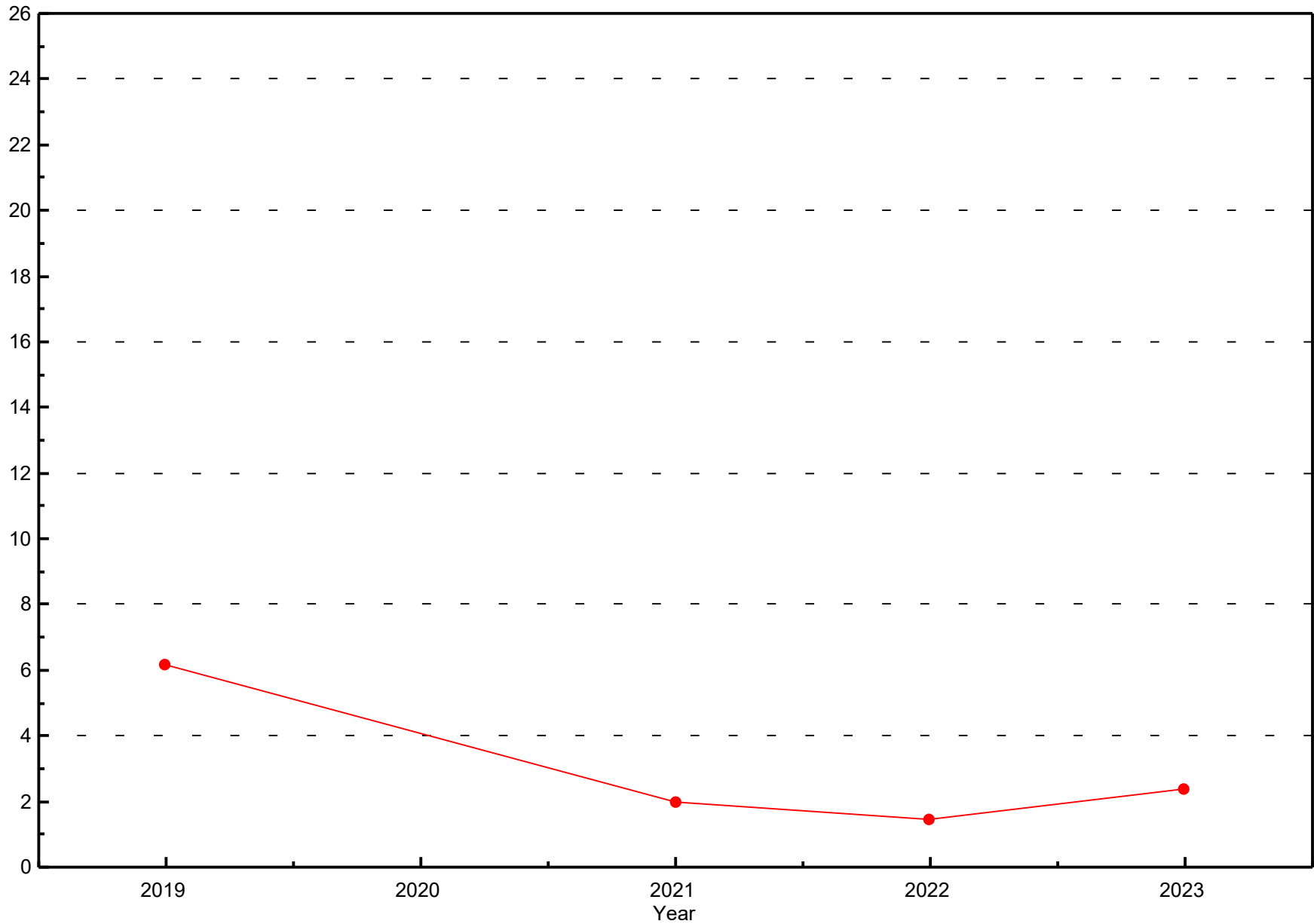
Jackfish 1 (2019 to 2023)





Yearly Averages

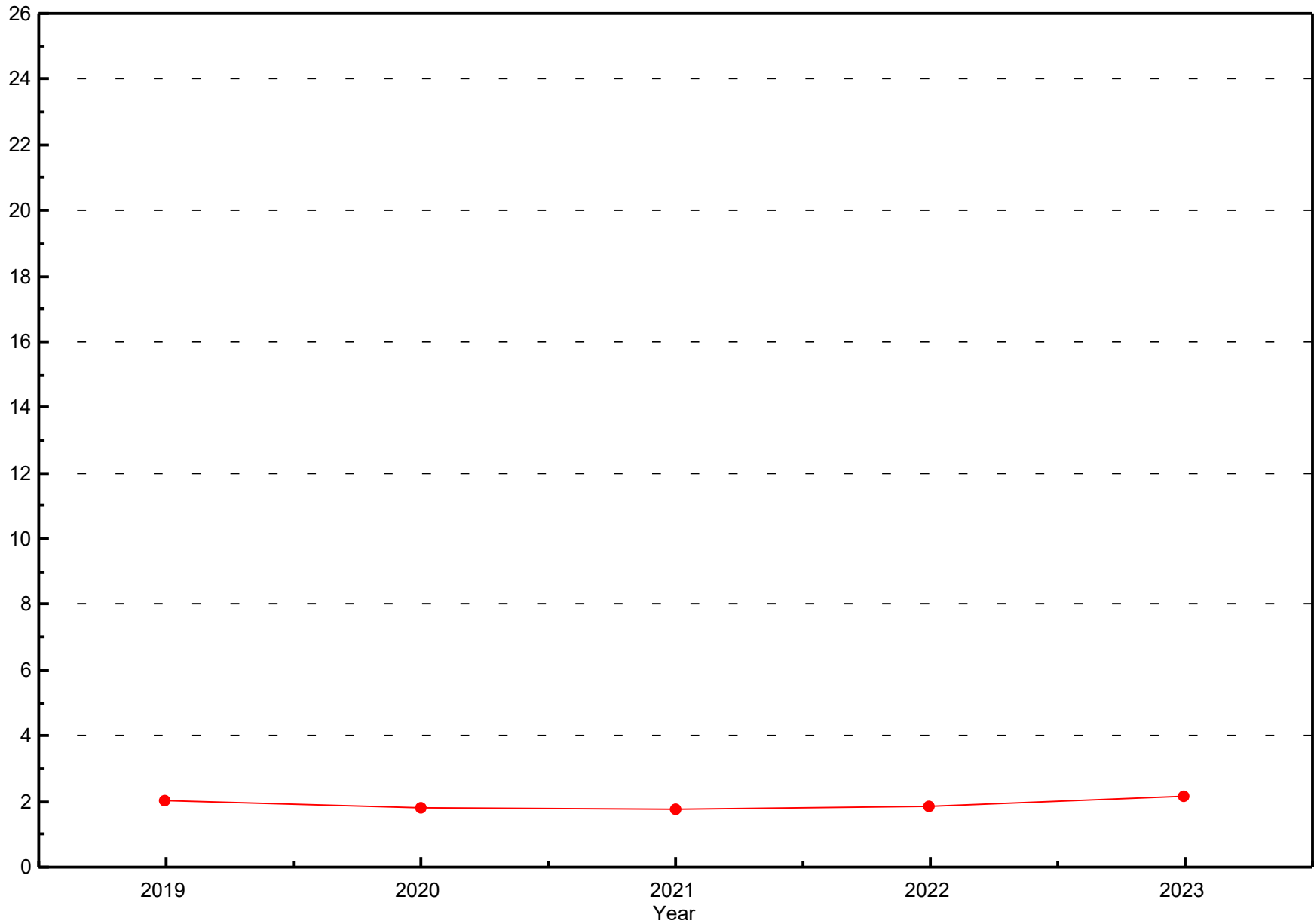
Nitrogen Oxides (NO_x) - ppb
Kirby South (2019 to 2023)





Yearly Averages

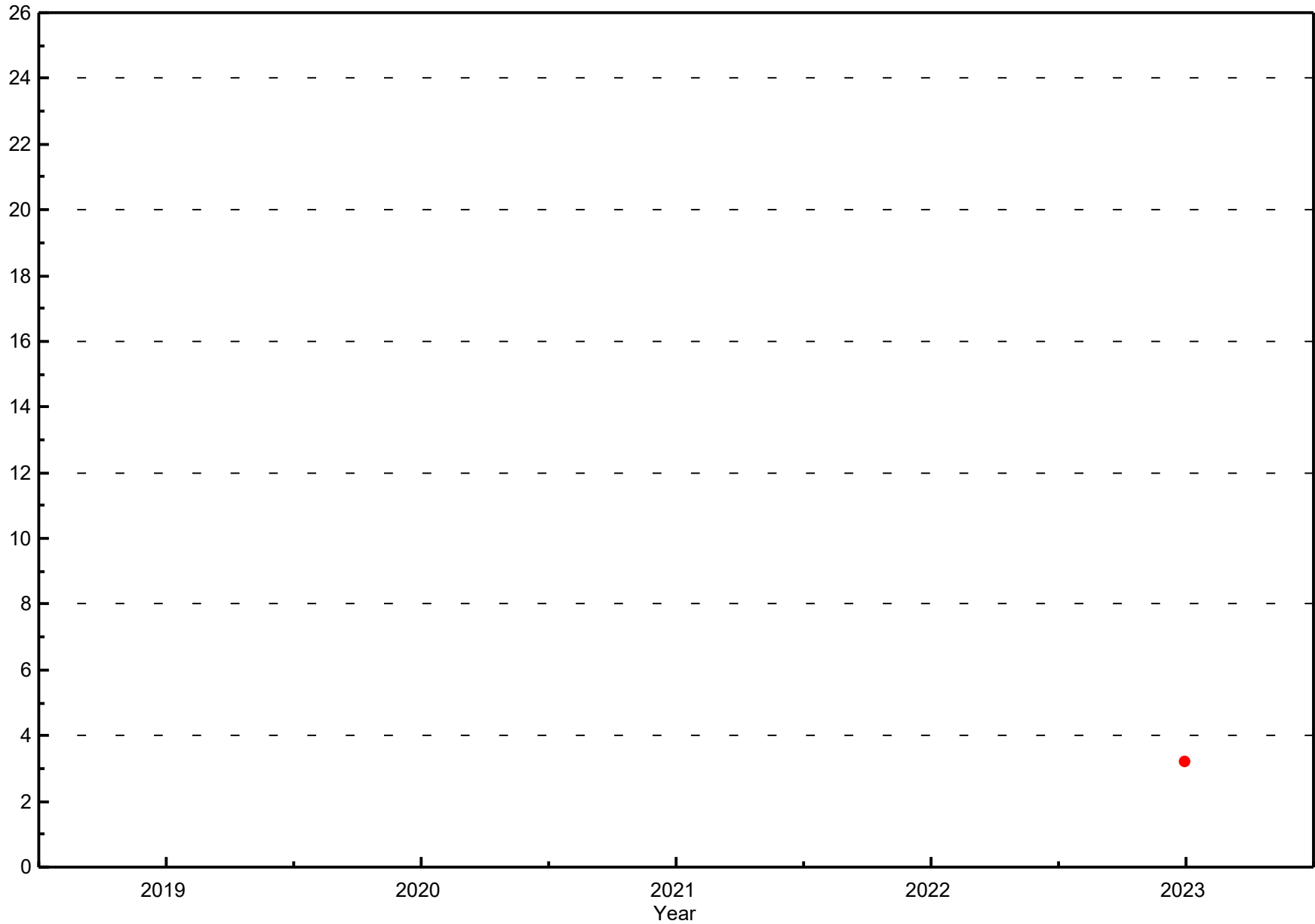
Nitrogen Oxides (NO_x) - ppb
Kirby North (2019 to 2023)





Yearly Averages

Nitrogen Oxides (NO_x) - ppb
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

NITRIC OXIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	8.4	94.4	49.6	95.9	3.3	0.9	0.0
February	100	636	8.7	101.4	44.8	95.1	3.9	0.9	0.0
March	100	704	3.7	78.5	26.0	98.3	1.7	0.0	0.0
April	98	671	1.2	52.3	4.2	99.9	0.2	0.0	0.0
May	100	706	0.9	40.9	4.2	99.9	0.1	0.0	0.0
June	88	600	1.0	15.3	2.8	100.0	0.0	0.0	0.0
July	100	706	1.2	38.8	5.5	100.0	0.0	0.0	0.0
August	100	707	2.1	116.7	23.3	99.0	0.7	0.3	0.0
September	100	683	1.9	53.9	7.7	99.6	0.4	0.0	0.0
October	97	690	2.3	109.7	21.3	99.0	0.9	0.1	0.0
November	100	686	6.3	102.5	46.8	94.8	3.6	1.6	0.0
December	100	708	6.9	101.7	38.4	95.9	3.7	0.4	0.0
Annual	98	8204	3.7	116.7	49.6	98.1	1.5	0.3	0.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	705	4.5	90.0	30.3	96.7	3.0	0.3	0.0
February	97	617	6.7	116.1	24.8	97.4	1.9	0.7	0.0
March	100	708	2.7	76.5	13.4	99.2	0.9	0.0	0.0
April	100	684	0.9	29.2	4.5	100.0	0.0	0.0	0.0
May	96	680	0.4	25.8	5.5	100.0	0.0	0.0	0.0
June	100	683	0.8	25.8	4.8	100.0	0.0	0.0	0.0
July	97	674	0.8	69.2	6.3	99.9	0.2	0.0	0.0
August	100	707	1.1	90.8	18.9	99.3	0.4	0.3	0.0
September	100	684	0.7	34.1	5.9	100.0	0.0	0.0	0.0
October	100	707	1.1	176.3	16.2	99.4	0.4	0.0	0.1
November	100	684	0.8	91.8	5.7	99.9	0.0	0.2	0.0
December	100	707	2.4	151.1	27.2	98.2	1.6	0.3	0.0
Annual	99	8240	1.9	176.3	30.3	99.2	0.7	0.1	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	4.7	66.5	25.8	97.3	2.7	0.0	0.0
February	100	637	5.0	90.0	16.2	99.1	0.8	0.2	0.0
March	100	706	2.5	53.2	9.1	99.9	0.1	0.0	0.0
April	100	683	0.9	23.6	4.8	100.0	0.0	0.0	0.0
May	100	705	0.4	8.5	1.1	100.0	0.0	0.0	0.0
June	100	684	0.6	11.4	1.7	100.0	0.0	0.0	0.0
July	100	706	0.7	24.4	4.4	100.0	0.0	0.0	0.0
August	100	707	0.7	14.7	4.5	100.0	0.0	0.0	0.0
September	100	684	0.7	17.9	2.0	100.0	0.0	0.0	0.0
October	100	707	1.4	75.7	10.9	99.7	0.3	0.0	0.0
November	100	684	2.3	55.8	10.0	99.6	0.4	0.0	0.0
December	100	707	3.9	73.9	19.7	99.2	0.9	0.0	0.0
Annual	100	8318	2.0	90.0	25.8	99.6	0.4	0.0	0.0



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	7.1	94.1	38.1	97.6	1.7	0.7	0.0
February	100	638	5.7	93.5	17.6	99.5	0.3	0.2	0.0
March	100	707	2.9	34.9	13.0	100.0	0.0	0.0	0.0
April	100	683	1.3	16.1	3.4	100.0	0.0	0.0	0.0
May	100	708	0.6	10.0	1.3	100.0	0.0	0.0	0.0
June	100	683	0.8	8.5	1.6	100.0	0.0	0.0	0.0
July	100	706	0.9	18.2	3.2	100.0	0.0	0.0	0.0
August	99	705	1.5	42.5	9.5	99.9	0.1	0.0	0.0
September	100	683	1.8	19.1	3.8	100.0	0.0	0.0	0.0
October	100	707	2.4	61.6	11.4	99.6	0.4	0.0	0.0
November	99	680	3.4	63.2	11.4	99.4	0.6	0.0	0.0
December	100	706	6.8	70.4	24.9	98.0	2.0	0.0	0.0
Annual	100	8314	2.9	94.1	38.1	99.5	0.4	0.1	0.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	706	0.2	8.7	0.9	100.0	0.0	0.0	0.0
February	100	636	0.2	13.1	2.2	100.0	0.0	0.0	0.0
March	100	705	0.1	3.9	1.2	100.0	0.0	0.0	0.0
April	100	685	0.1	3.2	0.5	100.0	0.0	0.0	0.0
May	100	705	0.1	2.1	0.4	100.0	0.0	0.0	0.0
June	100	685	0.1	4.6	0.5	100.0	0.0	0.0	0.0
July	99	698	0.1	1.0	0.2	100.0	0.0	0.0	0.0
August	97	680	0.1	3.0	0.4	100.0	0.0	0.0	0.0
September	99	678	0.3	7.4	1.2	100.0	0.0	0.0	0.0
October	99	704	0.6	3.6	1.9	100.0	0.0	0.0	0.0
November	100	683	0.1	7.4	1.0	100.0	0.0	0.0	0.0
December	100	708	0.3	10.6	1.6	100.0	0.0	0.0	0.0
Annual	99	8273	0.2	13.1	2.2	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	10.0	97.4	45.9	94.6	4.5	0.9	0.0
February	99	635	18.9	168.3	51.9	83.3	11.8	4.7	0.2
March	100	708	7.0	101.6	28.3	95.5	3.8	0.7	0.0
April	99	675	2.1	70.9	5.6	99.7	0.3	0.0	0.0
May	100	707	1.6	36.6	4.9	100.0	0.0	0.0	0.0
June	99	679	1.7	45.3	7.9	99.9	0.2	0.0	0.0
July	100	708	2.6	44.3	7.5	99.7	0.3	0.0	0.0
August	100	708	3.3	66.0	11.7	98.9	1.1	0.0	0.0
September	100	683	5.3	152.6	21.0	98.1	1.3	0.6	0.0
October	99	701	4.7	174.1	27.9	98.2	1.4	0.3	0.1
November	100	685	6.6	78.4	32.7	96.2	3.8	0.0	0.0
December	100	708	8.5	84.7	30.7	95.2	4.7	0.1	0.0
Annual	100	8304	5.9	174.1	51.9	96.7	2.7	0.6	0.0



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	10.4	110.4	45.6	91.5	7.9	0.6	0.0
February	100	638	15.0	183.5	45.2	88.9	6.6	3.9	0.6
March	99	703	5.5	229.4	41.8	97.9	1.6	0.3	0.3
April	100	684	2.0	66.0	7.1	99.7	0.3	0.0	0.0
May	97	680	0.9	22.4	2.8	100.0	0.0	0.0	0.0
June	99	677	1.2	54.0	4.0	99.9	0.2	0.0	0.0
July	100	707	1.6	50.2	5.3	99.7	0.3	0.0	0.0
August	100	707	3.0	113.3	27.9	98.4	1.1	0.4	0.0
September	100	685	3.4	64.7	14.0	98.8	1.2	0.0	0.0
October	100	707	2.5	75.9	11.9	99.6	0.4	0.0	0.0
November	100	686	7.1	129.7	55.1	94.9	3.5	1.6	0.0
December	100	707	11.2	124.3	47.2	93.4	5.2	1.4	0.0
Annual	100	8289	5.3	229.4	55.1	97.0	2.3	0.7	0.1



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	0.7	36.1	2.5	100.0	0.0	0.0	0.0
February	100	638	1.2	25.9	5.3	100.0	0.0	0.0	0.0
March	100	707	1.2	41.6	4.7	99.9	0.1	0.0	0.0
April	99	681	0.3	7.4	1.3	100.0	0.0	0.0	0.0
May	100	708	0.2	8.3	1.0	100.0	0.0	0.0	0.0
June	99	676	0.2	5.4	0.6	100.0	0.0	0.0	0.0
July	99	703	0.2	12.7	0.9	100.0	0.0	0.0	0.0
August	98	692	0.2	14.8	1.3	100.0	0.0	0.0	0.0
September	100	683	0.5	14.3	1.3	100.0	0.0	0.0	0.0
October	100	708	0.4	13.5	2.0	100.0	0.0	0.0	0.0
November	100	685	0.6	12.1	2.6	100.0	0.0	0.0	0.0
December	99	704	0.8	29.5	3.3	100.0	0.0	0.0	0.0
Annual	100	8292	0.5	41.6	5.3	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	1.8	104.6	21.4	99.2	0.6	0.3	0.0
February	100	639	0.9	30.6	3.2	100.0	0.0	0.0	0.0
March	100	707	0.5	13.1	1.4	100.0	0.0	0.0	0.0
April	100	684	0.2	4.5	1.2	100.0	0.0	0.0	0.0
May	100	707	0.2	14.6	1.6	100.0	0.0	0.0	0.0
June	97	660	0.2	12.1	1.5	100.0	0.0	0.0	0.0
July	100	705	0.3	15.3	1.0	100.0	0.0	0.0	0.0
August	100	707	0.5	18.2	1.9	100.0	0.0	0.0	0.0
September	100	684	0.4	8.2	1.0	100.0	0.0	0.0	0.0
October	100	708	0.3	5.5	0.9	100.0	0.0	0.0	0.0
November	100	685	0.5	24.8	4.0	100.0	0.0	0.0	0.0
December	100	708	0.4	30.7	2.4	100.0	0.0	0.0	0.0
Annual	100	8302	0.5	104.6	21.4	99.9	0.1	0.0	0.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	702	0.5	20.2	3.0	100.0	0.0	0.0	0.0
February	100	639	0.2	19.4	1.0	100.0	0.0	0.0	0.0
March	100	706	0.2	8.3	0.4	100.0	0.0	0.0	0.0
April	100	685	0.1	4.5	0.8	100.0	0.0	0.0	0.0
May	97	686	0.1	0.5	0.2	100.0	0.0	0.0	0.0
June	100	684	0.2	0.7	0.3	100.0	0.0	0.0	0.0
July	100	706	0.2	0.7	0.2	100.0	0.0	0.0	0.0
August	97	686	0.2	1.6	0.2	100.0	0.0	0.0	0.0
September	98	673	0.1	2.6	0.4	100.0	0.0	0.0	0.0
October	100	707	0.1	0.8	0.2	100.0	0.0	0.0	0.0
November	100	684	0.1	1.7	0.3	100.0	0.0	0.0	0.0
December	100	707	0.1	2.0	0.4	100.0	0.0	0.0	0.0
Annual	99	8265	0.2	20.2	3.0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	706	2.4	42.6	10.8	99.7	0.3	0.0	0.0
February	100	639	3.0	101.6	16.7	98.3	1.4	0.3	0.0
March	100	707	1.5	53.7	4.9	99.9	0.1	0.0	0.0
April	100	685	0.3	5.6	0.9	100.0	0.0	0.0	0.0
May	100	706	0.2	14.8	2.5	100.0	0.0	0.0	0.0
June	100	685	0.2	6.3	0.4	100.0	0.0	0.0	0.0
July	100	708	0.2	12.3	1.2	100.0	0.0	0.0	0.0
August	100	708	0.3	4.7	0.6	100.0	0.0	0.0	0.0
September	100	685	0.4	8.0	1.1	100.0	0.0	0.0	0.0
October	100	708	0.4	9.2	1.3	100.0	0.0	0.0	0.0
November	100	686	0.7	12.6	2.2	100.0	0.0	0.0	0.0
December	100	706	1.0	45.2	4.9	99.9	0.1	0.0	0.0
Annual	100	8329	0.9	101.6	16.7	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	709	0.3	34.3	3.7	100.0	0.0	0.0	0.0
February	100	638	0.9	46.9	6.2	99.8	0.2	0.0	0.0
March	100	706	0.7	15.2	4.0	100.0	0.0	0.0	0.0
April	100	685	0.1	9.0	1.4	100.0	0.0	0.0	0.0
May	100	707	0.1	3.6	0.6	100.0	0.0	0.0	0.0
June	100	685	0.1	7.6	1.1	100.0	0.0	0.0	0.0
July	100	709	0.2	17.3	2.2	100.0	0.0	0.0	0.0
August	100	707	0.1	4.4	0.9	100.0	0.0	0.0	0.0
September	100	685	0.1	10.3	1.6	100.0	0.0	0.0	0.0
October	100	706	0.4	43.3	9.1	99.9	0.1	0.0	0.0
November	98	670	0.1	10.7	1.2	100.0	0.0	0.0	0.0
December	99	701	0.2	22.6	2.1	100.0	0.0	0.0	0.0
Annual	100	8308	0.3	46.9	9.1	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	0.4	7.8	1.2	100.0	0.0	0.0	0.0
February	100	637	0.4	7.8	0.9	100.0	0.0	0.0	0.0
March	100	707	0.4	8.5	1.4	100.0	0.0	0.0	0.0
April	100	685	0.2	4.7	0.4	100.0	0.0	0.0	0.0
May	100	708	0.4	13.4	1.6	100.0	0.0	0.0	0.0
June	100	683	0.4	20.8	1.6	100.0	0.0	0.0	0.0
July	100	708	0.3	20.1	2.4	100.0	0.0	0.0	0.0
August	100	707	1.1	29.0	4.5	100.0	0.0	0.0	0.0
September	100	683	0.8	18.9	2.3	100.0	0.0	0.0	0.0
October	99	702	1.0	45.4	5.6	99.9	0.1	0.0	0.0
November	100	685	0.4	10.6	2.6	100.0	0.0	0.0	0.0
December	100	705	0.7	18.5	1.9	100.0	0.0	0.0	0.0
Annual	100	8318	0.6	45.4	5.6	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	94	664	0.2	5.8	0.8	100.0	0.0	0.0	0.0
February	100	637	0.4	4.7	1.0	100.0	0.0	0.0	0.0
March	100	707	0.3	3.7	1.0	100.0	0.0	0.0	0.0
April	100	682	0.1	10.2	0.7	100.0	0.0	0.0	0.0
May	98	684	0.2	4.6	0.7	100.0	0.0	0.0	0.0
June	99	676	0.2	3.6	0.5	100.0	0.0	0.0	0.0
July	90	638	0.2	2.0	0.4	100.0	0.0	0.0	0.0
August	100	707	0.4	11.3	2.5	100.0	0.0	0.0	0.0
September	99	678	0.3	2.6	0.6	100.0	0.0	0.0	0.0
October	100	708	0.3	22.3	2.1	100.0	0.0	0.0	0.0
November	100	685	0.4	10.5	1.3	100.0	0.0	0.0	0.0
December	100	706	0.4	5.1	1.2	100.0	0.0	0.0	0.0
Annual	98	8172	0.3	22.3	2.5	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	12.0	133.5	53.0	90.4	7.4	2.3	0.0
February	92	589	14.4	222.4	59.1	90.0	6.8	3.1	0.2
March	96	676	8.5	146.2	24.4	96.5	2.4	1.2	0.0
April	94	646	7.8	154.6	24.4	94.4	4.0	1.6	0.0
May	99	703	6.4	139.7	15.4	95.7	2.6	1.7	0.0
June	99	680	3.0	72.6	11.5	99.1	0.9	0.0	0.0
July	99	700	3.2	106.4	11.3	99.0	0.7	0.3	0.0
August	96	681	6.7	254.1	44.1	95.6	3.5	0.7	0.2
September	100	684	10.3	489.1	51.9	94.0	4.1	1.2	0.7
October	100	706	11.4	213.9	70.0	92.8	4.8	1.1	1.3
November	100	686	13.6	205.7	64.5	90.8	4.8	3.6	0.7
December	100	705	11.1	432.3	115.3	94.9	2.8	1.1	1.1
Annual	98	8163	9.0	489.1	115.3	94.5	3.7	1.4	0.4



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	2.6	48.6	16.6	99.4	0.6	0.0	0.0
February	100	636	1.6	56.9	7.5	99.8	0.2	0.0	0.0
March	100	706	1.4	29.6	5.4	100.0	0.0	0.0	0.0
April	100	683	0.9	24.4	3.2	100.0	0.0	0.0	0.0
May	100	707	0.8	18.0	2.7	100.0	0.0	0.0	0.0
June	97	663	0.8	12.2	3.6	100.0	0.0	0.0	0.0
July	97	681	0.6	11.7	1.9	100.0	0.0	0.0	0.0
August	100	704	4.4	64.8	15.8	99.2	0.9	0.0	0.0
September	100	682	3.2	54.2	24.1	99.3	0.7	0.0	0.0
October	100	707	1.7	34.8	15.1	100.0	0.0	0.0	0.0
November	100	685	1.8	25.8	8.3	100.0	0.0	0.0	0.0
December	100	707	2.4	31.5	5.8	100.0	0.0	0.0	0.0
Annual	99	8268	1.9	64.8	24.1	99.8	0.2	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	701	0.3	4.8	0.8	100.0	0.0	0.0	0.0
February	100	636	0.3	11.4	1.0	100.0	0.0	0.0	0.0
March	100	706	0.2	3.9	0.7	100.0	0.0	0.0	0.0
April	97	661	0.1	6.1	0.4	100.0	0.0	0.0	0.0
May	100	706	0.2	3.6	0.5	100.0	0.0	0.0	0.0
June	96	656	0.2	6.2	0.7	100.0	0.0	0.0	0.0
July	100	705	0.2	2.4	0.5	100.0	0.0	0.0	0.0
August	100	707	0.2	4.7	0.5	100.0	0.0	0.0	0.0
September	100	685	0.1	7.0	0.6	100.0	0.0	0.0	0.0
October	100	707	0.1	8.3	0.5	100.0	0.0	0.0	0.0
November	94	647	0.2	1.5	0.4	100.0	0.0	0.0	0.0
December	98	692	0.2	2.3	0.5	100.0	0.0	0.0	0.0
Annual	99	8209	0.2	11.4	1.0	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	705	0.1	2.1	0.4	100.0	0.0	0.0	0.0
February	100	635	0.5	8.3	2.8	100.0	0.0	0.0	0.0
March	99	696	0.3	4.5	0.9	100.0	0.0	0.0	0.0
April	100	684	0.1	2.6	0.4	100.0	0.0	0.0	0.0
May	100	706	0.2	1.2	0.3	100.0	0.0	0.0	0.0
June	100	681	0.4	2.4	0.6	100.0	0.0	0.0	0.0
July	100	707	0.3	3.6	0.6	100.0	0.0	0.0	0.0
August	100	705	0.3	1.7	0.4	100.0	0.0	0.0	0.0
September	99	676	0.3	3.7	0.6	100.0	0.0	0.0	0.0
October	100	705	0.2	2.5	0.5	100.0	0.0	0.0	0.0
November	100	687	0.1	2.2	0.5	100.0	0.0	0.0	0.0
December	100	708	0.1	5.3	0.9	100.0	0.0	0.0	0.0
Annual	100	8295	0.2	8.3	2.8	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	707	12.7	154.1	64.8	88.4	9.1	2.6	0.0
February	99	632	5.9	128.3	39.3	96.7	2.9	0.5	0.0
March	100	707	2.8	87.3	21.2	98.9	1.0	0.1	0.0
April	100	684	1.6	58.0	10.6	99.6	0.4	0.0	0.0
May	100	707	1.1	72.9	9.5	99.6	0.4	0.0	0.0
June	97	663	1.7	59.5	10.2	99.7	0.3	0.0	0.0
July	100	708	1.1	47.0	4.5	99.9	0.1	0.0	0.0
August	100	707	1.7	54.5	6.7	99.4	0.6	0.0	0.0
September	100	685	1.5	62.0	6.5	99.7	0.3	0.0	0.0
October	100	708	1.7	59.3	9.5	99.9	0.1	0.0	0.0
November	100	684	6.7	136.4	52.0	94.0	4.7	1.3	0.0
December	100	708	5.2	113.0	29.1	97.9	1.7	0.4	0.0
Annual	100	8300	3.6	154.1	64.8	97.8	1.8	0.4	0.0



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
October	100	704	0.8	14.8	7.5	100.0	0.0	0.0	0.0
November	100	685	0.7	18.1	4.5	100.0	0.0	0.0	0.0
December	100	707	0.6	30.2	5.9	100.0	0.0	0.0	0.0
Annual	100	2096	0.7	30.2	7.5	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
July	93	659	0.5	8.0	2.1	100.0	0.0	0.0	0.0
August	89	632	0.6	13.1	2.8	100.0	0.0	0.0	0.0
September	100	684	0.8	11.1	4.4	100.0	0.0	0.0	0.0
October	100	708	0.4	9.7	2.6	100.0	0.0	0.0	0.0
November	100	685	1.0	27.4	4.7	100.0	0.0	0.0	0.0
December	100	707	1.3	16.4	7.1	100.0	0.0	0.0	0.0
Annual	97	4075	0.8	27.4	7.1	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	100	708	0.7	14.8	3.9	100.0	0.0	0.0	0.0
February	99	635	0.8	11.0	1.6	100.0	0.0	0.0	0.0
March	100	707	0.6	9.0	1.4	100.0	0.0	0.0	0.0
April	100	685	0.4	10.5	1.5	100.0	0.0	0.0	0.0
May	100	708	0.3	7.0	0.8	100.0	0.0	0.0	0.0
June	100	684	0.3	6.4	1.3	100.0	0.0	0.0	0.0
July	100	708	0.3	10.4	1.9	100.0	0.0	0.0	0.0
Annual	100	4835	0.5	14.8	3.9	100.0	0.0	0.0	0.0



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
July	97	560	0.3	34.9	3.9	100.0	0.0	0.0	0.0
August	100	707	1.4	128.2	34.3	98.7	0.9	0.4	0.0
September	100	685	0.3	5.8	1.7	100.0	0.0	0.0	0.0
October	99	700	0.7	58.1	15.7	99.9	0.1	0.0	0.0
November	100	685	0.3	6.7	1.5	100.0	0.0	0.0	0.0
December	100	708	0.3	9.2	1.2	100.0	0.0	0.0	0.0
Annual	99	4045	0.5	128.2	34.3	99.8	0.2	0.1	0.0



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
January	99	701	0.3	4.7	0.7	100.0	0.0	0.0	0.0
February	100	637	0.4	5.5	1.0	100.0	0.0	0.0	0.0
March	100	706	0.3	6.1	1.1	100.0	0.0	0.0	0.0
April	100	683	0.2	4.9	1.5	100.0	0.0	0.0	0.0
May	94	663	0.1	37.1	2.1	100.0	0.0	0.0	0.0
June	91	618	0.2	4.4	0.8	100.0	0.0	0.0	0.0
Annual	97	4008	0.2	37.1	2.1	100.0	0.0	0.0	0.0



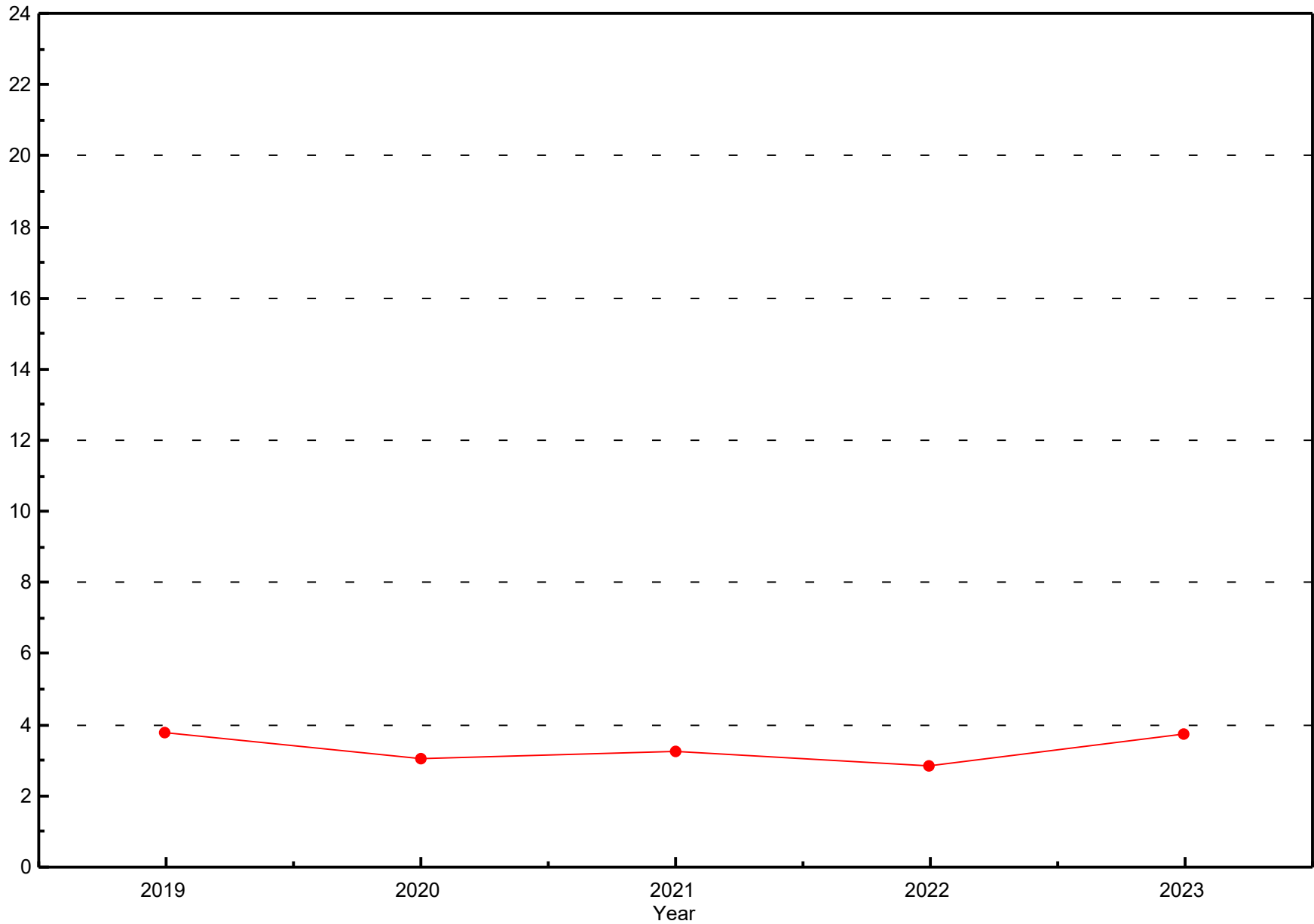
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Nitrogen Oxide (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum	% of Data in Each Concentration Range			
				1-Hour Value	24-Hour Value	0 - 40	41 - 80	81 - 159	>159
October	99	693	0.6	24.3	3.3	100.0	0.0	0.0	0.0
November	100	685	0.6	10.8	2.1	100.0	0.0	0.0	0.0
December	99	701	1.4	58.7	12.4	99.7	0.3	0.0	0.0
Annual	99	2079	0.8	58.7	12.4	99.9	0.1	0.0	0.0



Yearly Averages

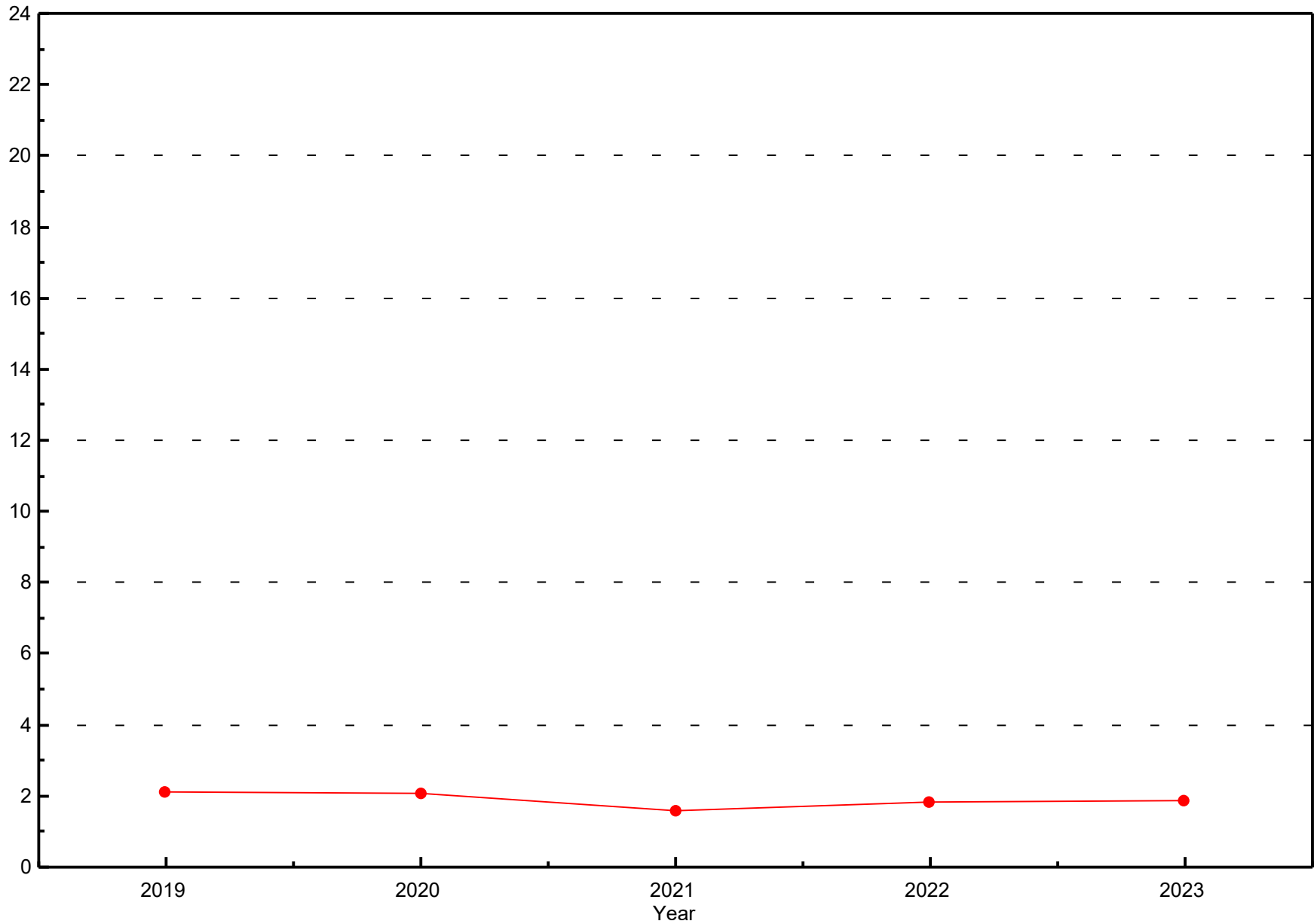
Nitric Oxide (NO) - ppb
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

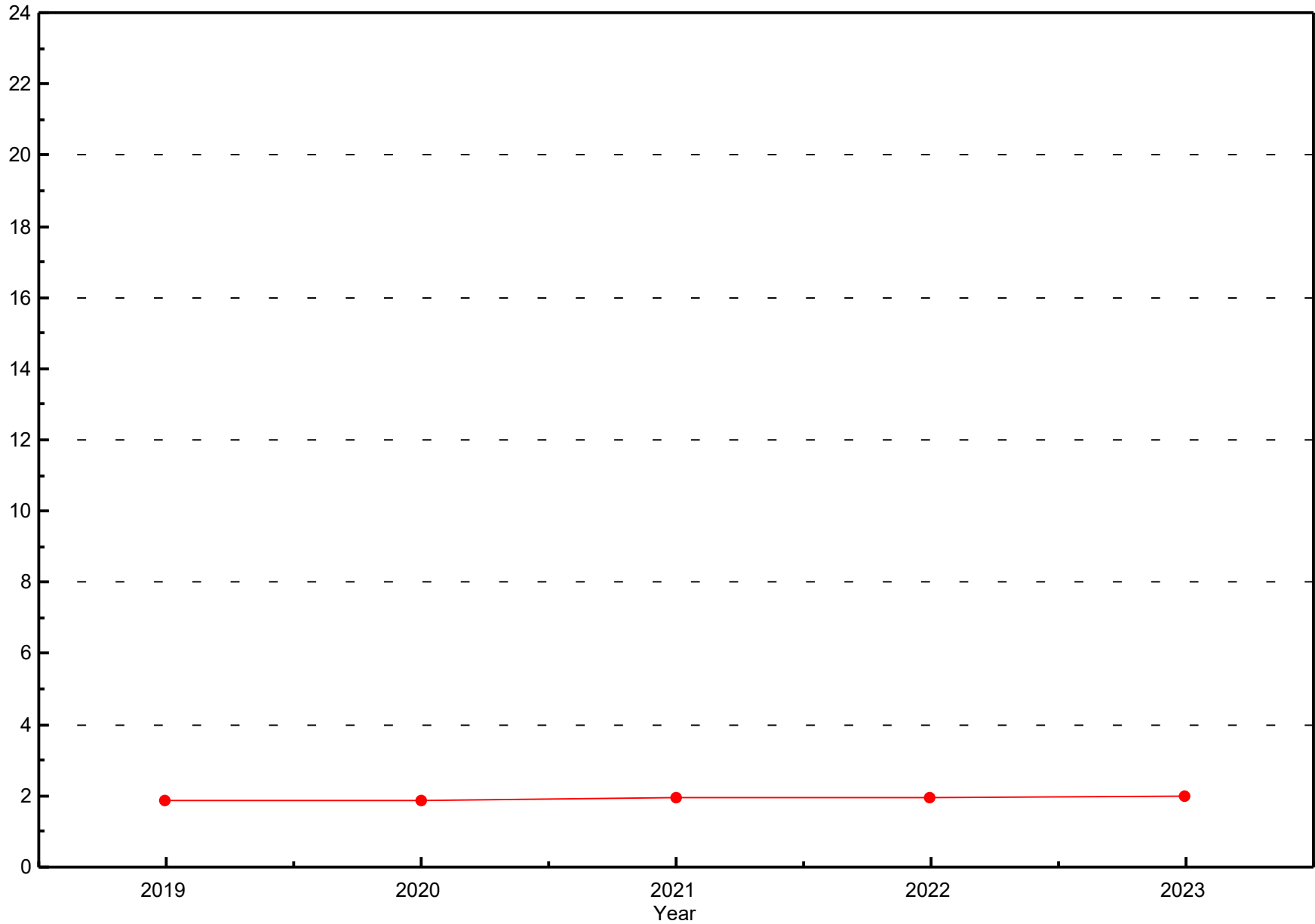
Nitric Oxide (NO) - ppb
Buffalo Viewpoint (2019 to 2023)





Yearly Averages

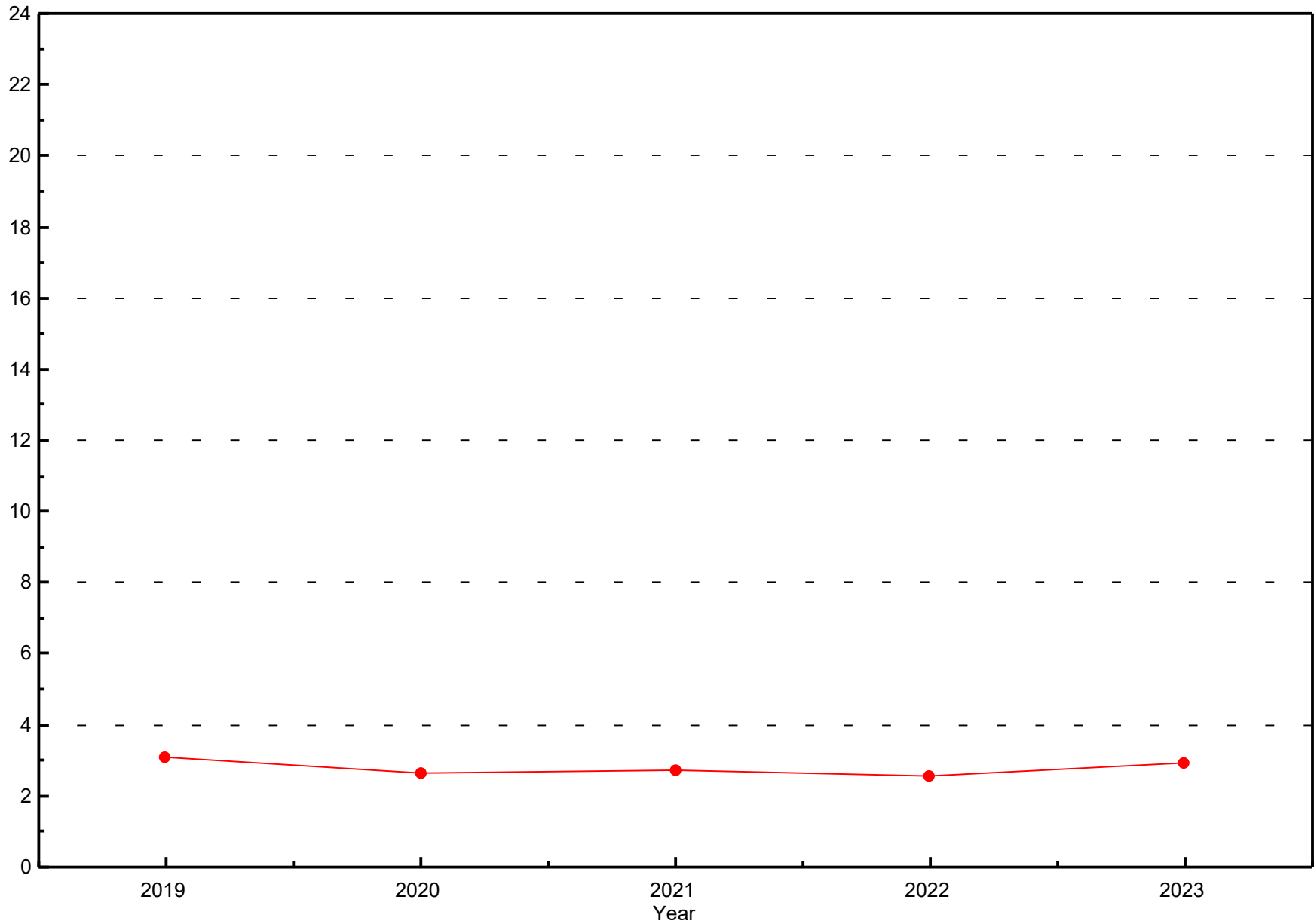
Nitric Oxide (NO) - ppb
Patricia McInnes (2019 to 2023)





Yearly Averages

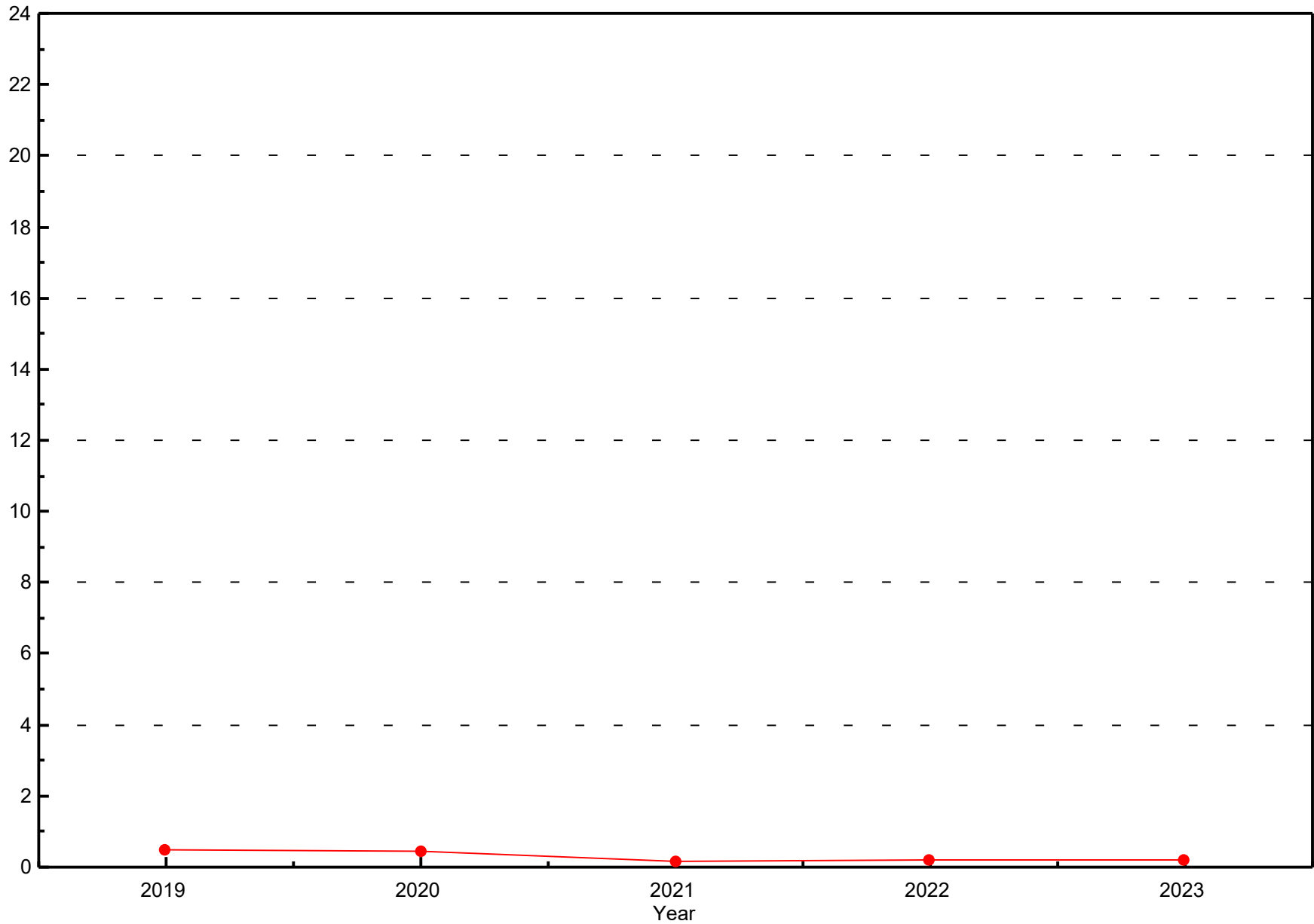
Nitric Oxide (NO) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

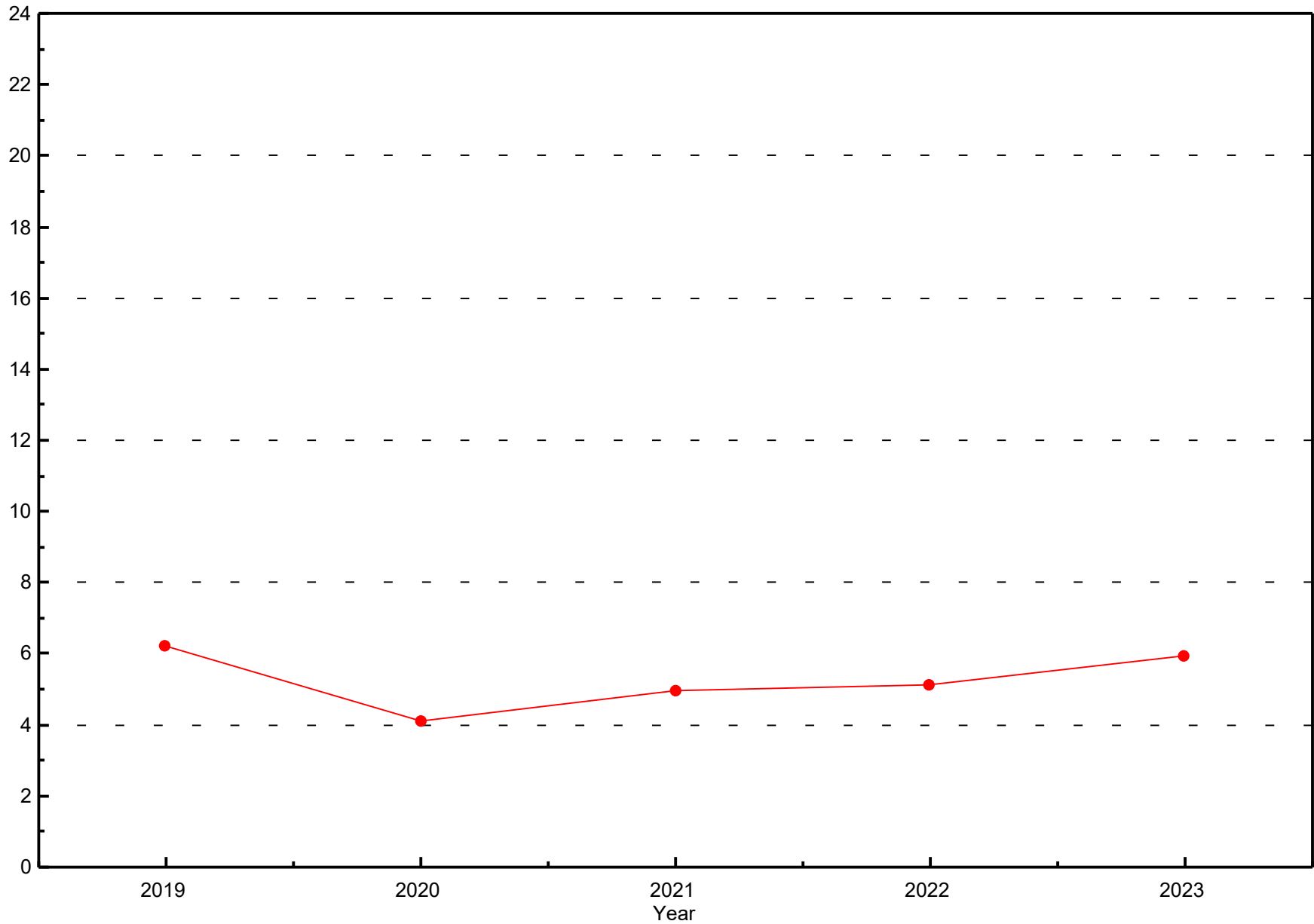
Nitric Oxide (NO) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

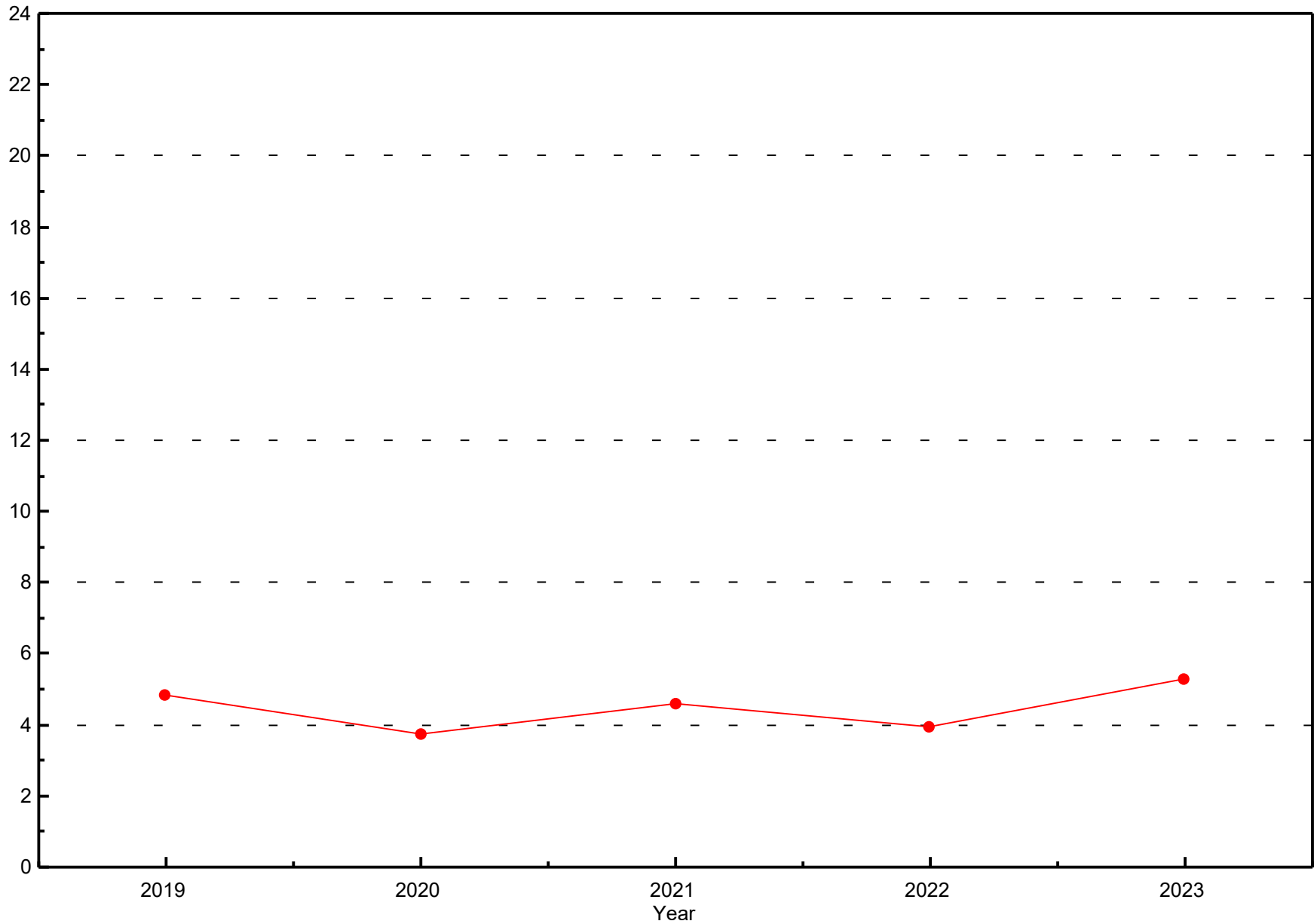
Nitric Oxide (NO) - ppb
Barge Landing (2019 to 2023)





Yearly Averages

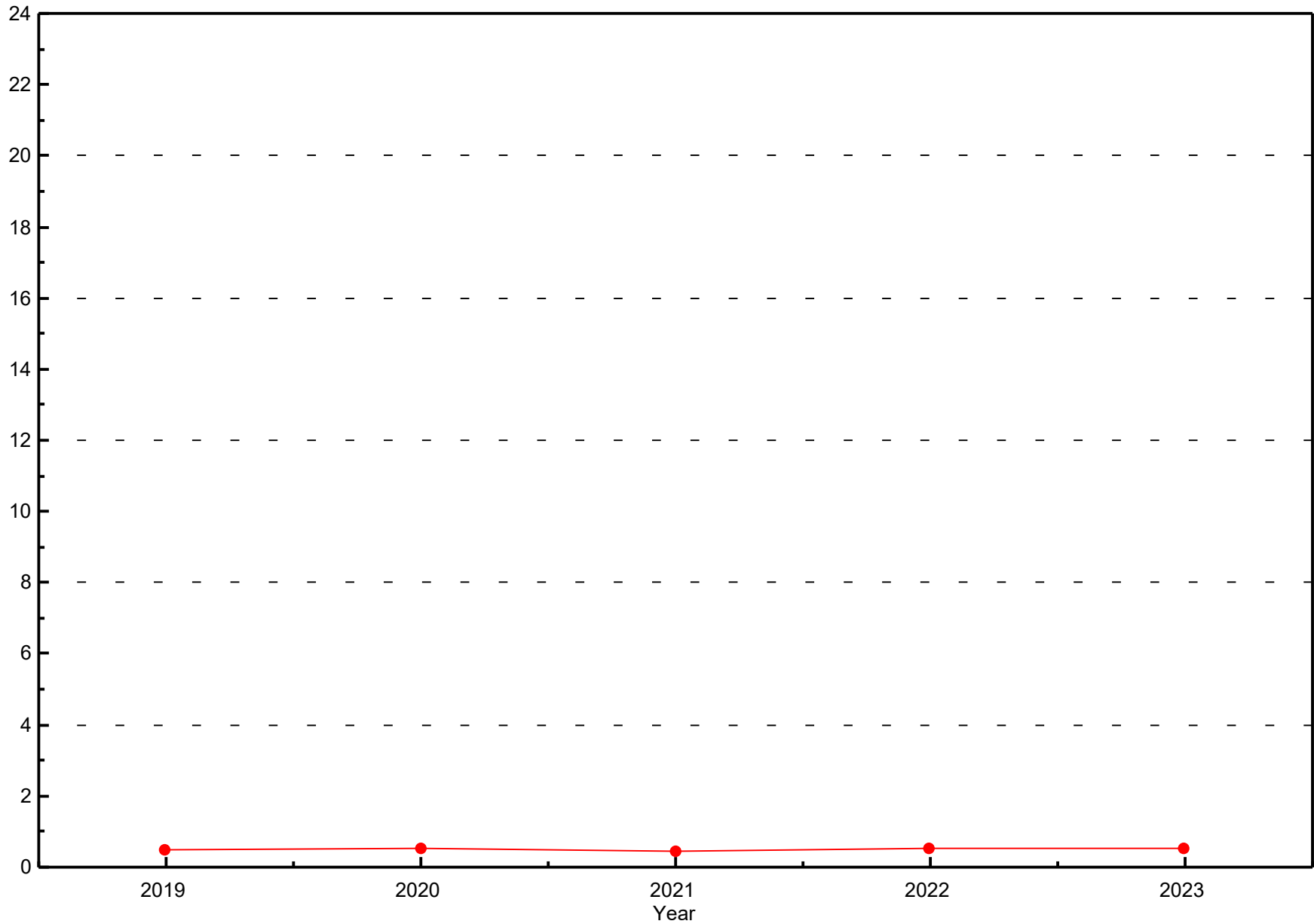
Nitric Oxide (NO) - ppb
Fort McKay South (2019 to 2023)





Yearly Averages

Nitric Oxide (NO) - ppb
Anzac (2019 to 2023)

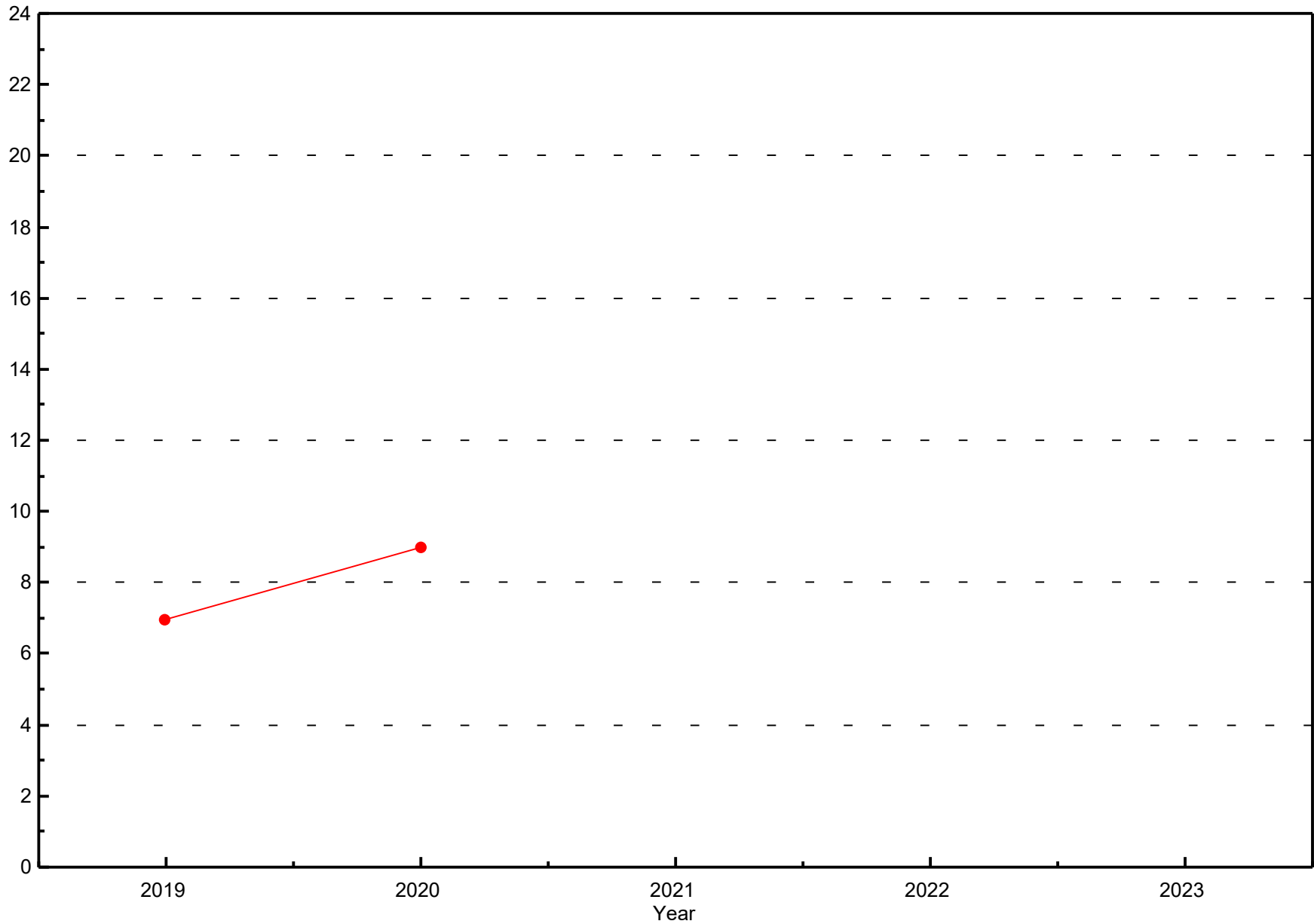




Yearly Averages

Nitric Oxide (NO) - ppb

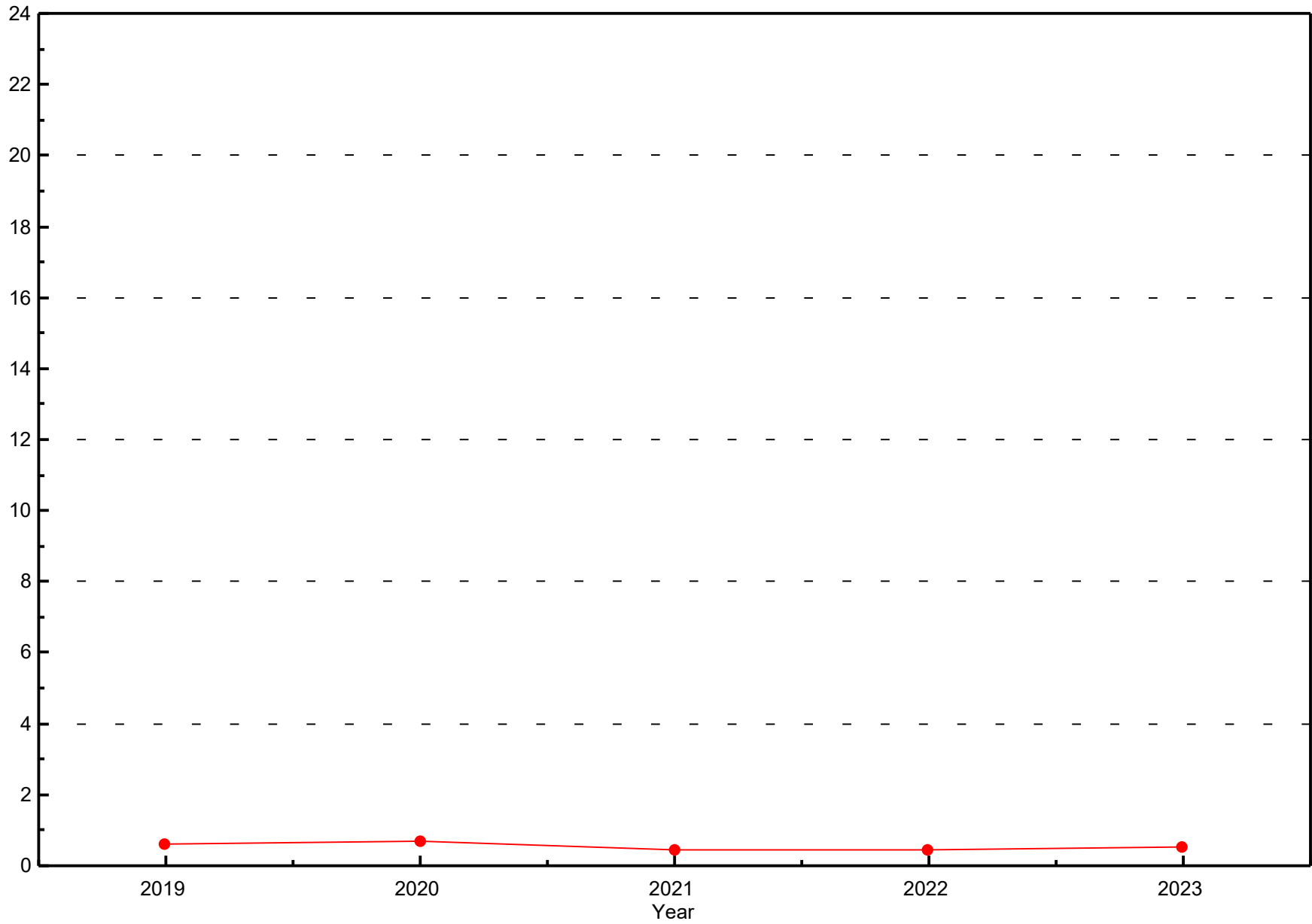
Horizon (2019 to 2023)





Yearly Averages

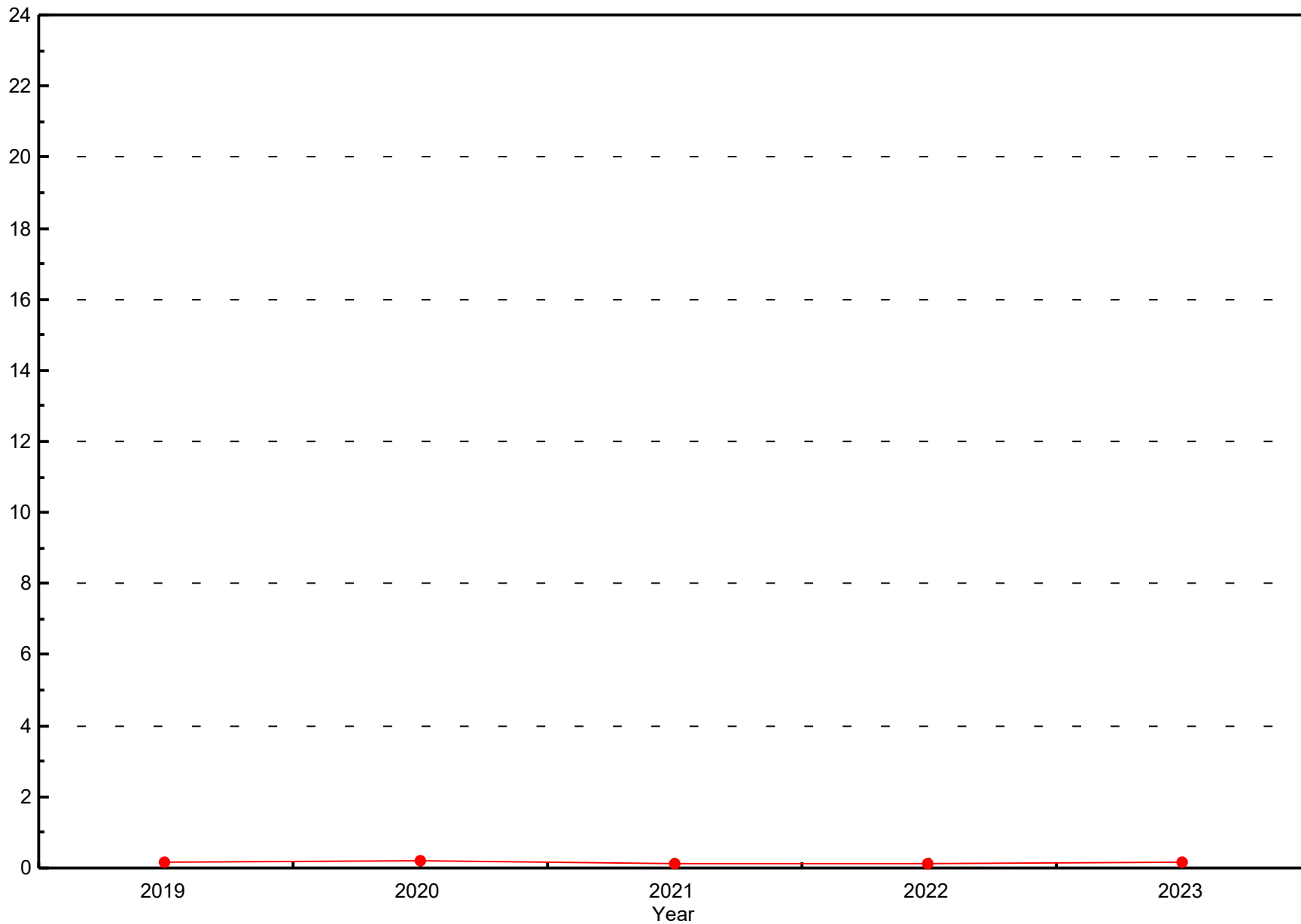
Nitric Oxide (NO) - ppb
Wapasu (2019 to 2023)





Yearly Averages

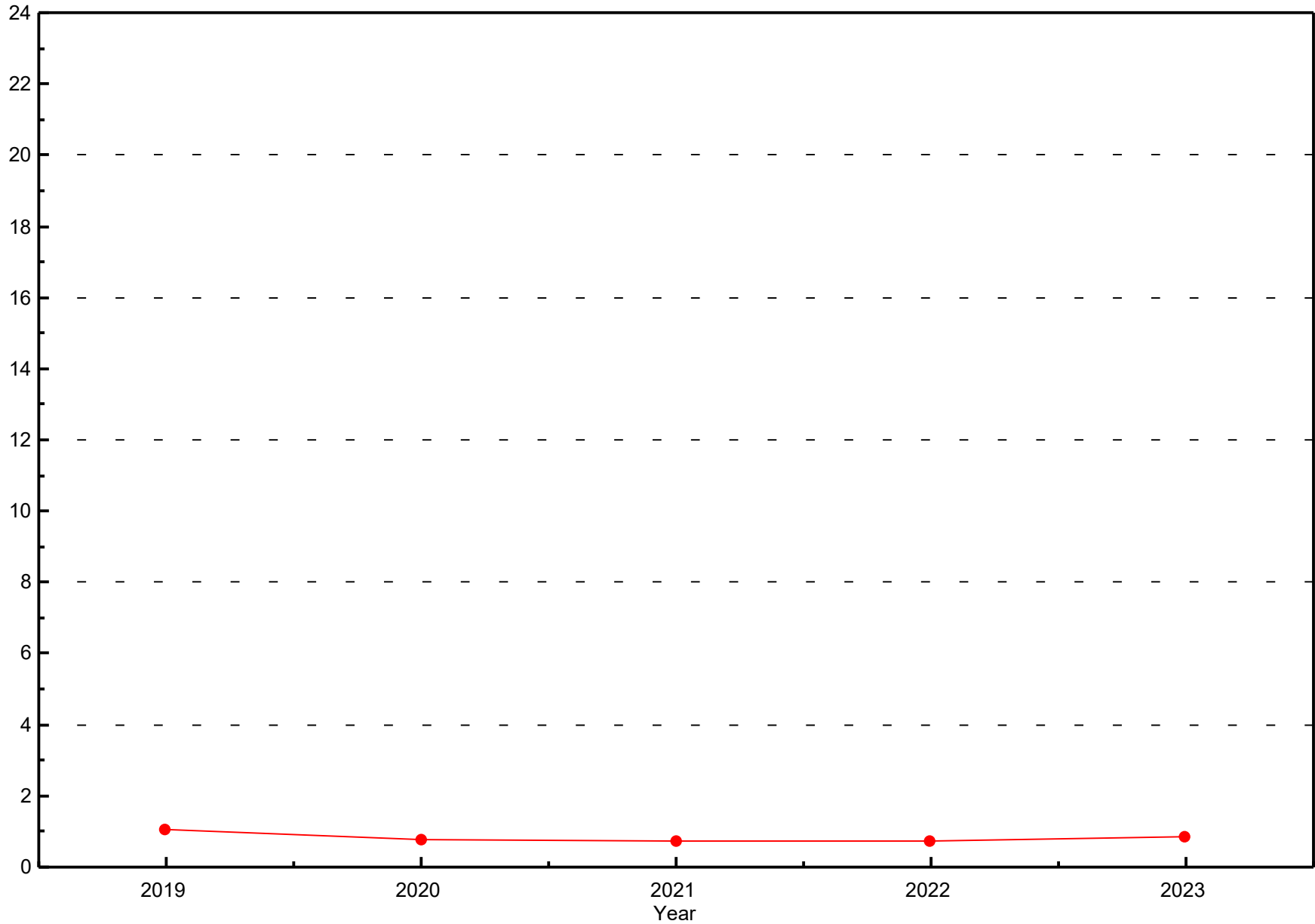
Nitric Oxide (NO) - ppb
Stony Mountain (2019 to 2023)





Yearly Averages

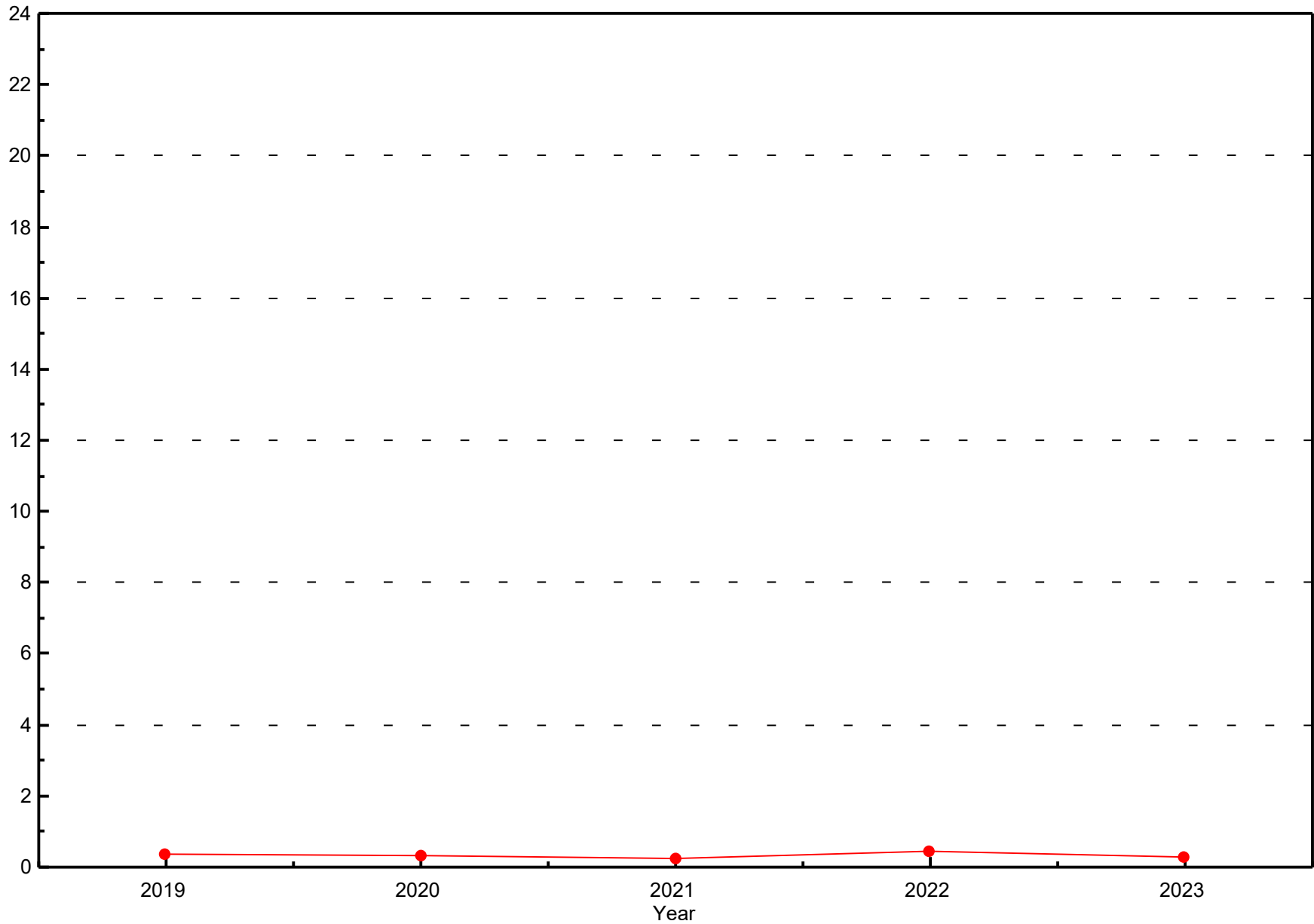
Nitric Oxide (NO) - ppb
Firebag (2019 to 2023)





Yearly Averages

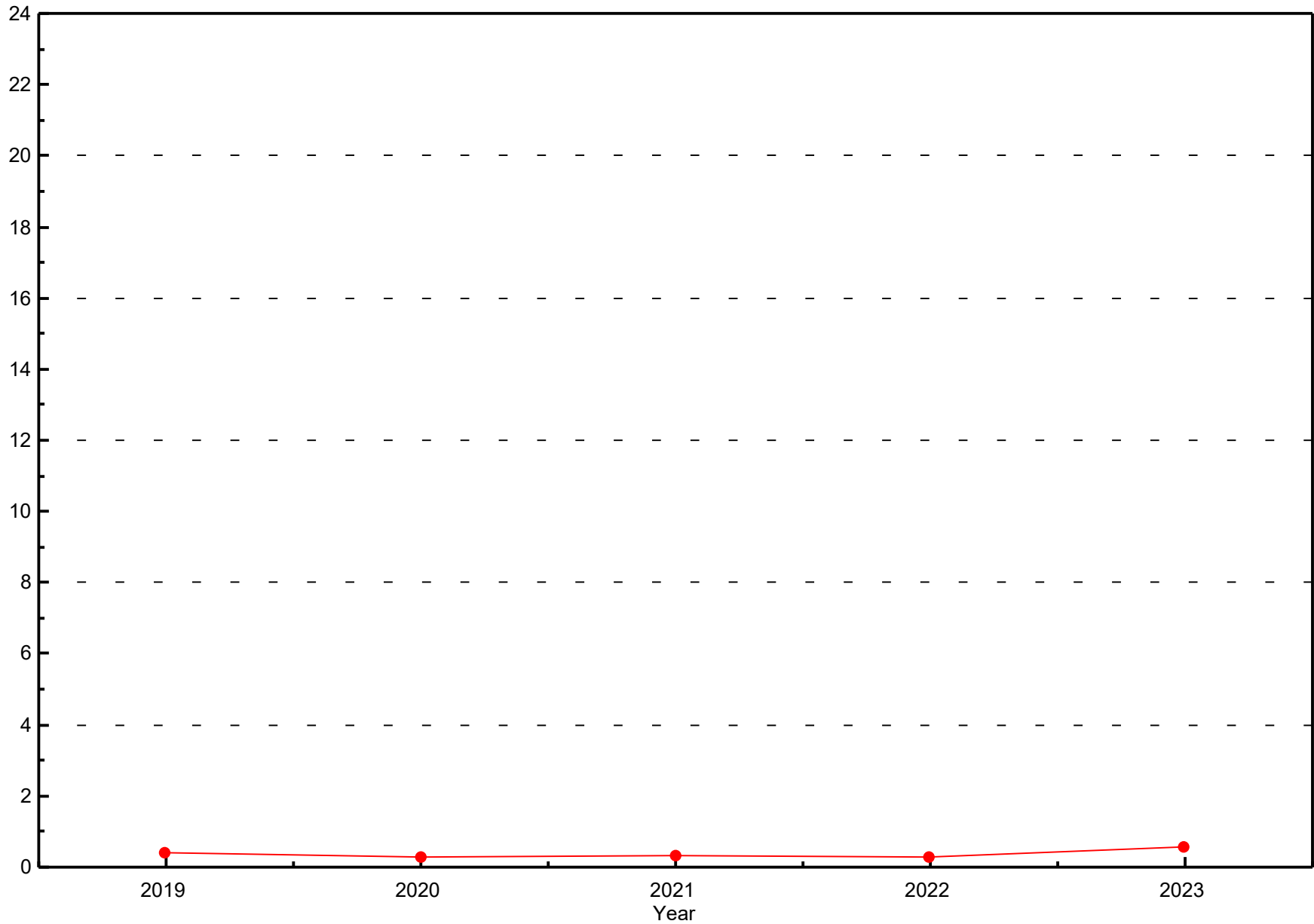
Nitric Oxide (NO) - ppb
Mackay River (2019 to 2023)





Yearly Averages

Nitric Oxide (NO) - ppb
Conklin (2019 to 2023)

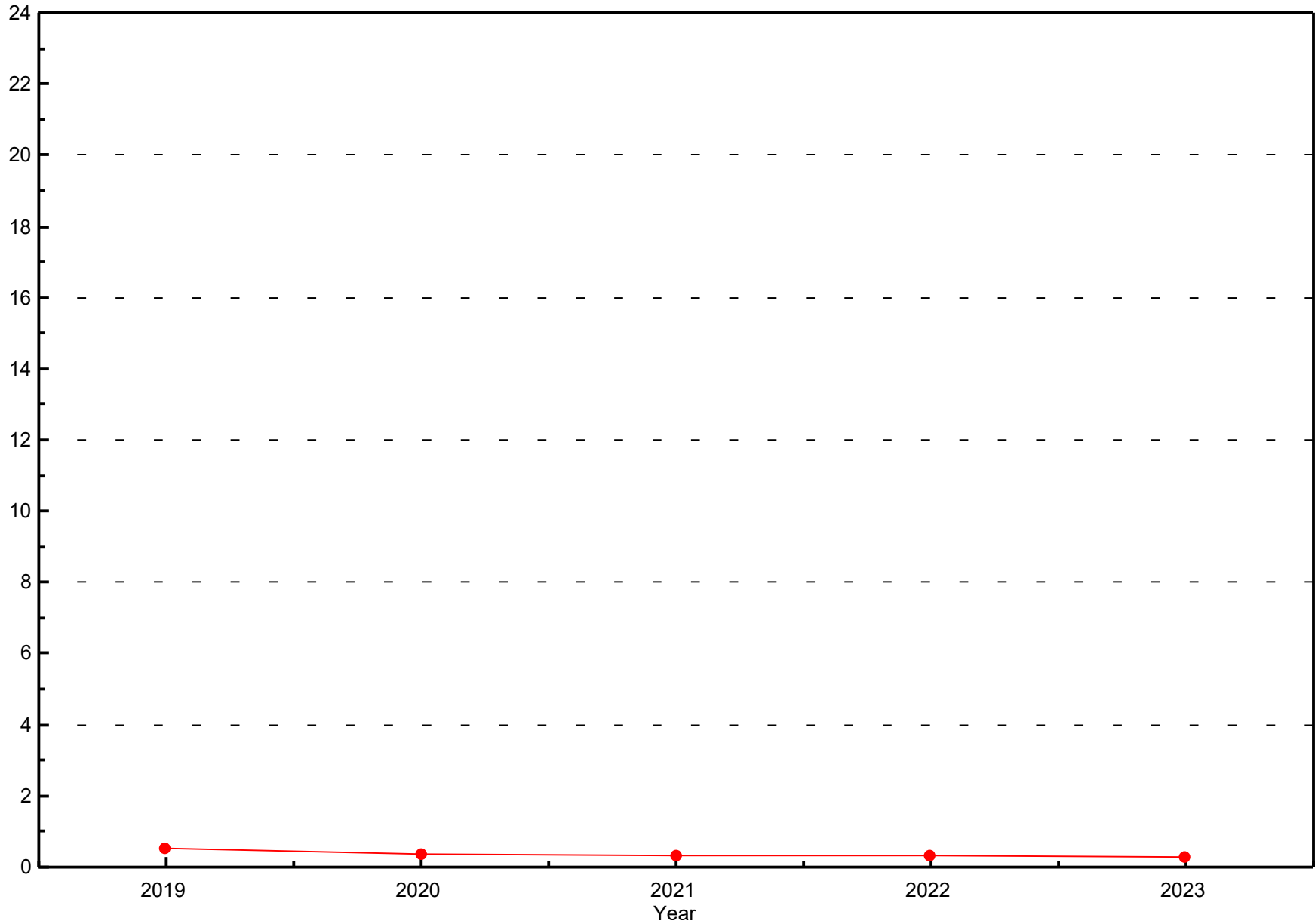




Yearly Averages

Nitric Oxide (NO) - ppb

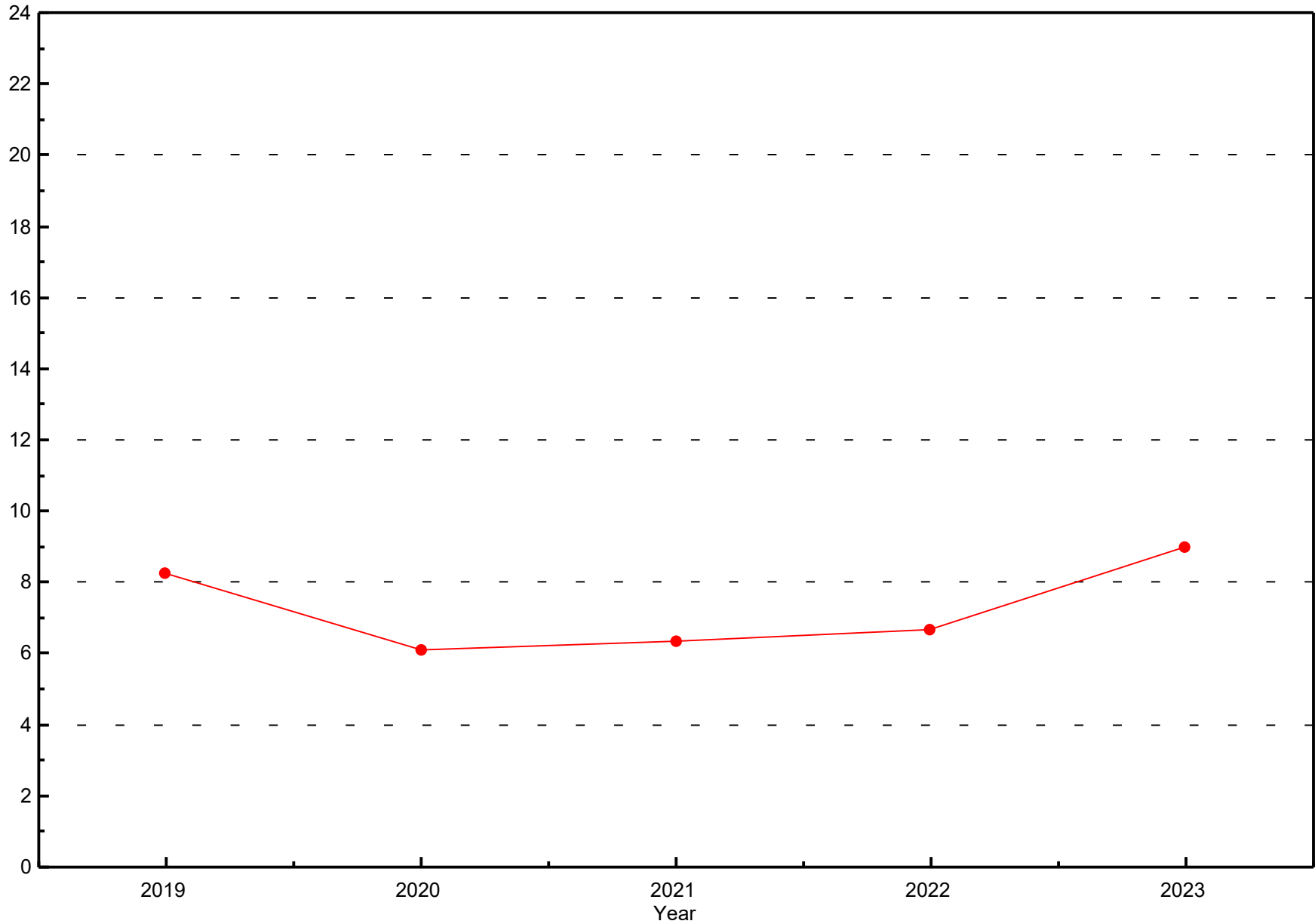
Janvier (2019 to 2023)





Yearly Averages

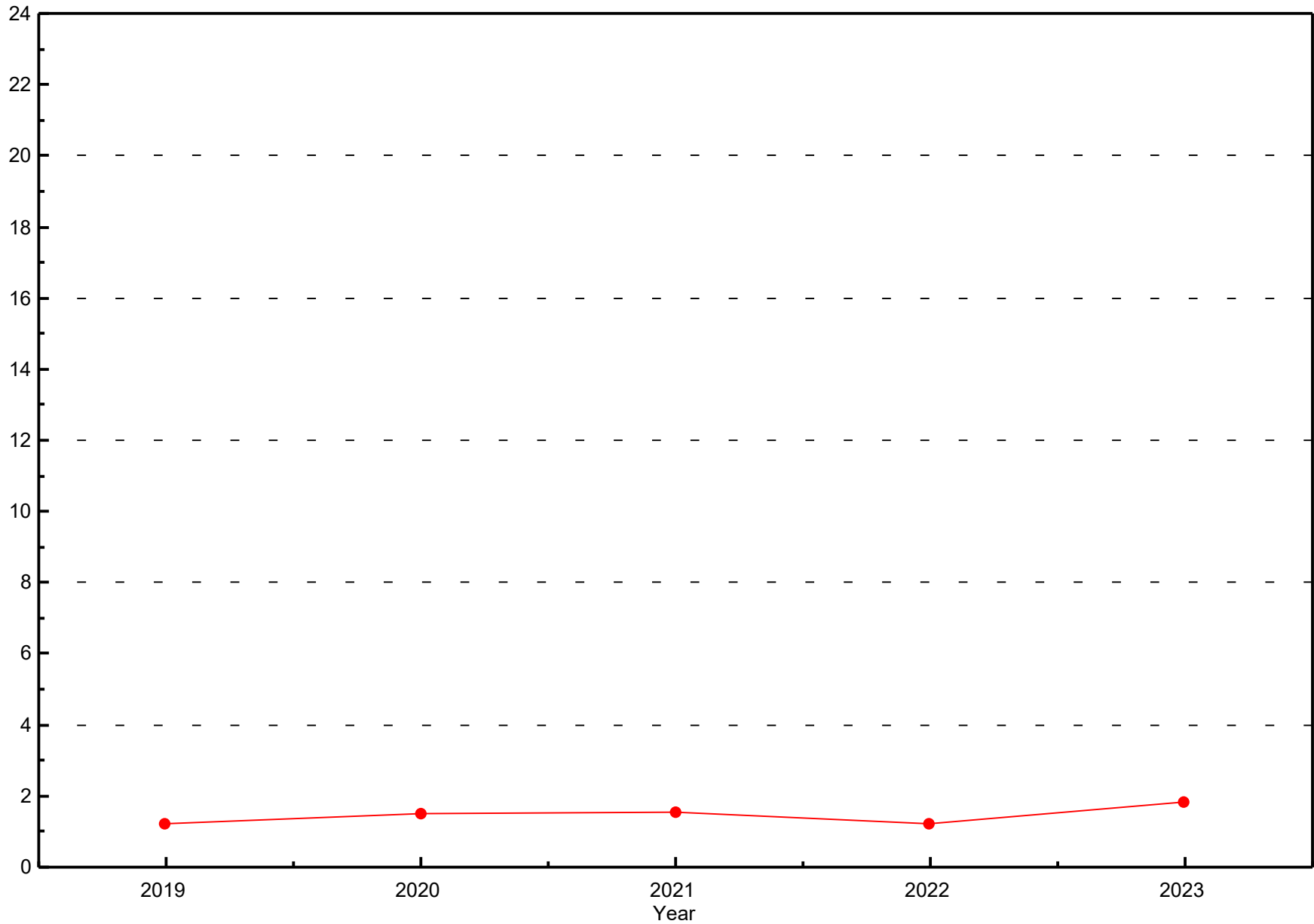
Nitric Oxide (NO) - ppb
Fort Hills (2019 to 2023)





Yearly Averages

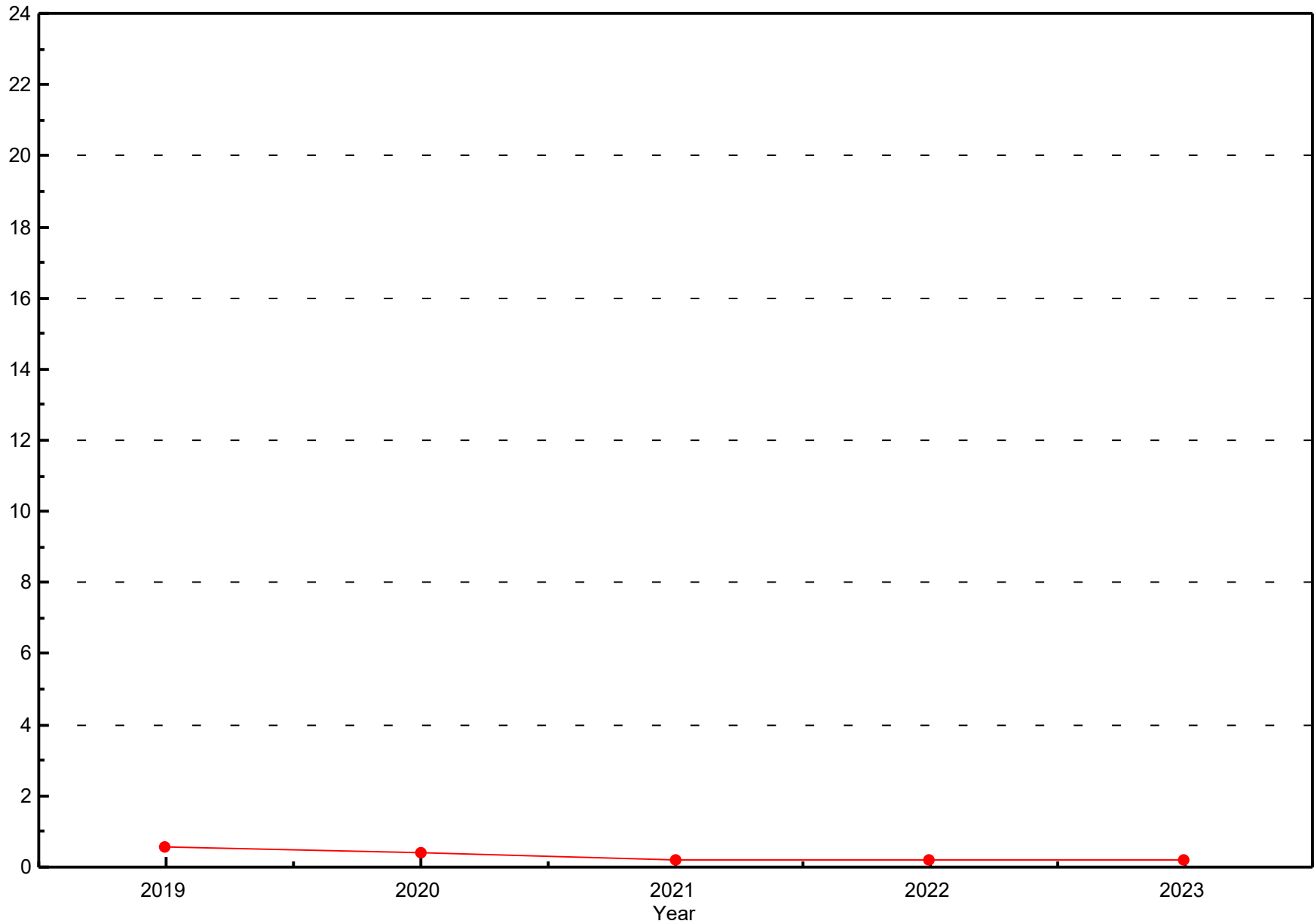
Nitric Oxide (NO) - ppb
Christina Lake (2019 to 2023)





Yearly Averages

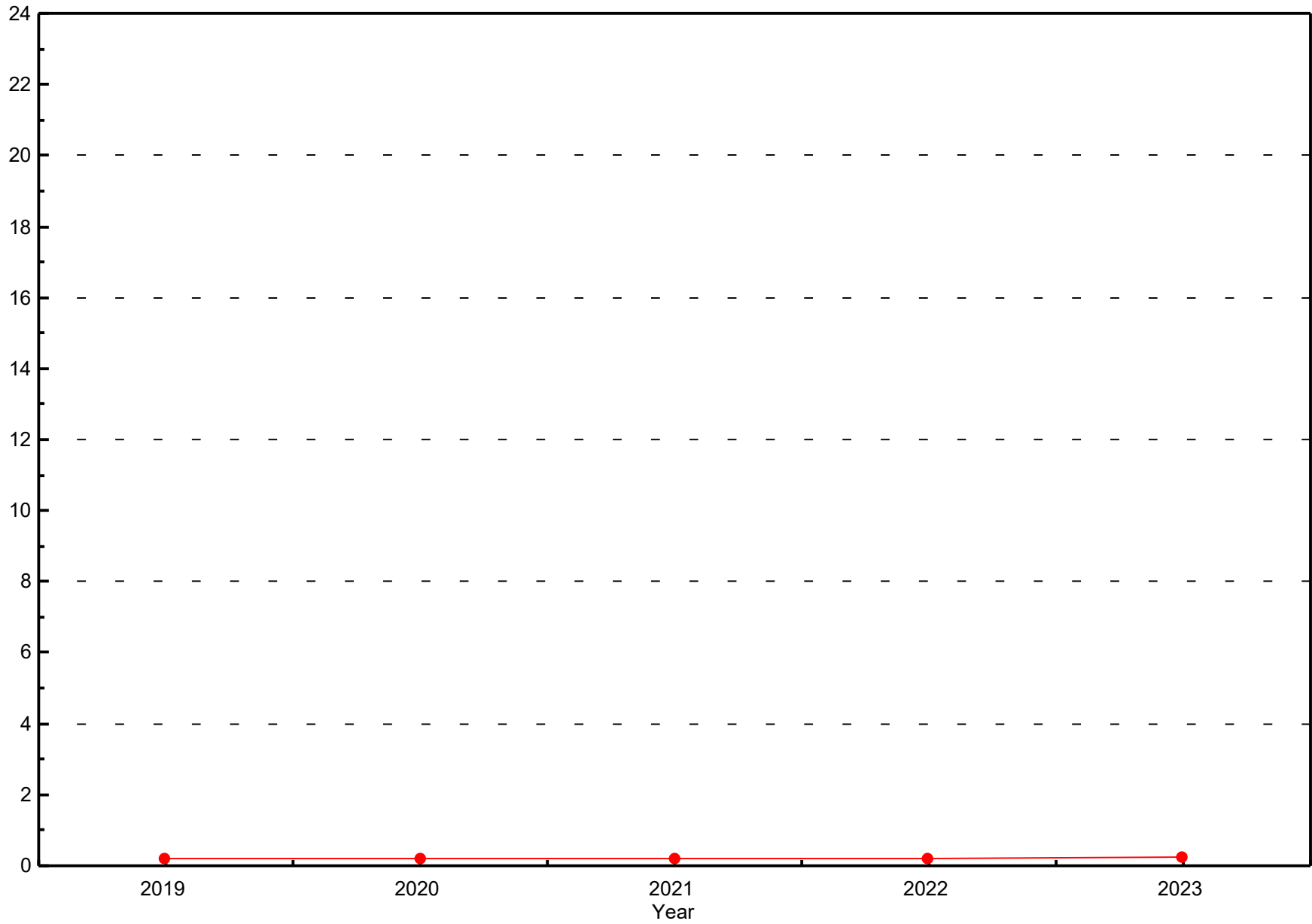
Nitric Oxide (NO) - ppb
Jackfish 2/3 (2019 to 2023)





Yearly Averages

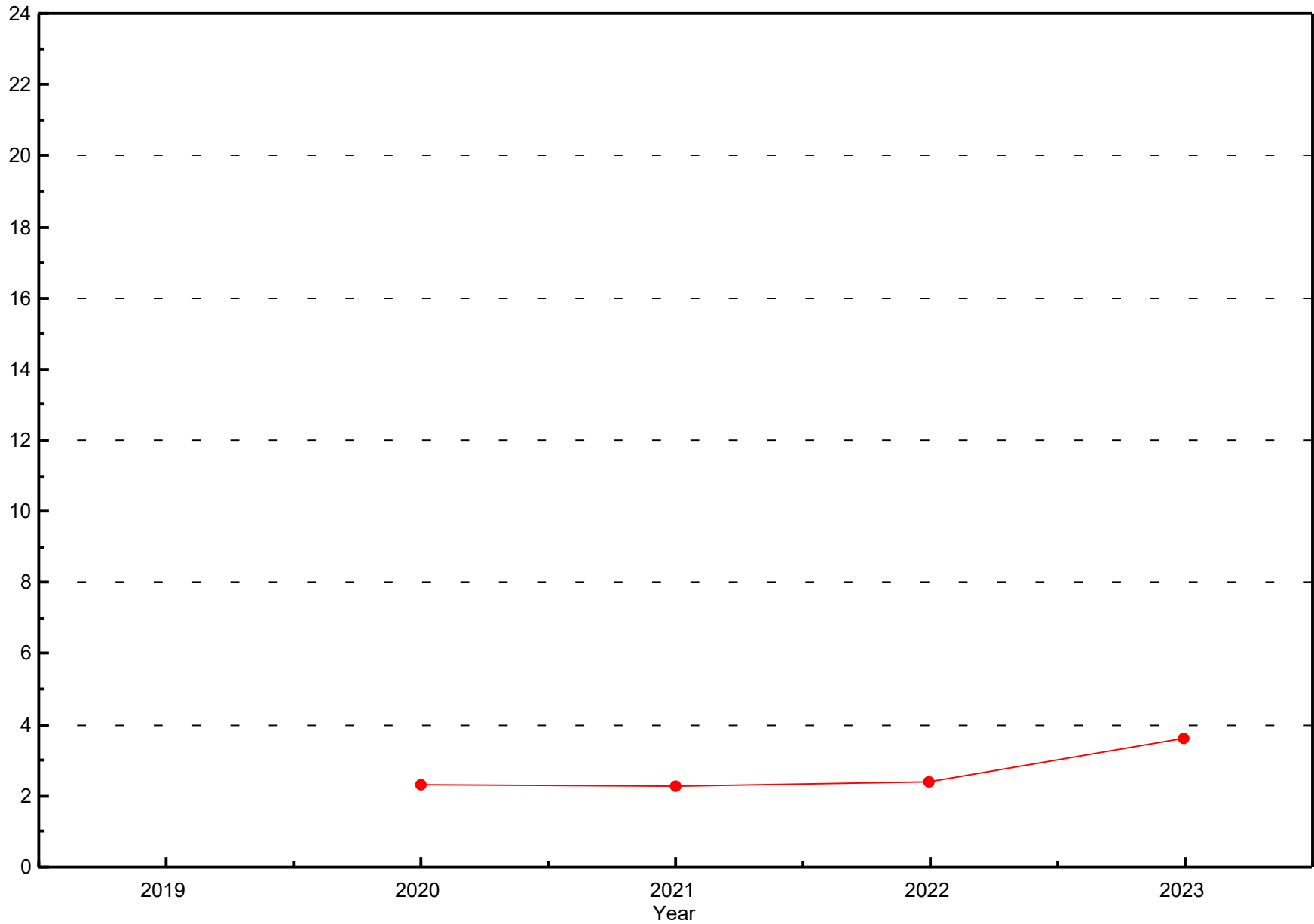
Nitric Oxide (NO) - ppb
Surmont 2 (2019 to 2023)





Yearly Averages

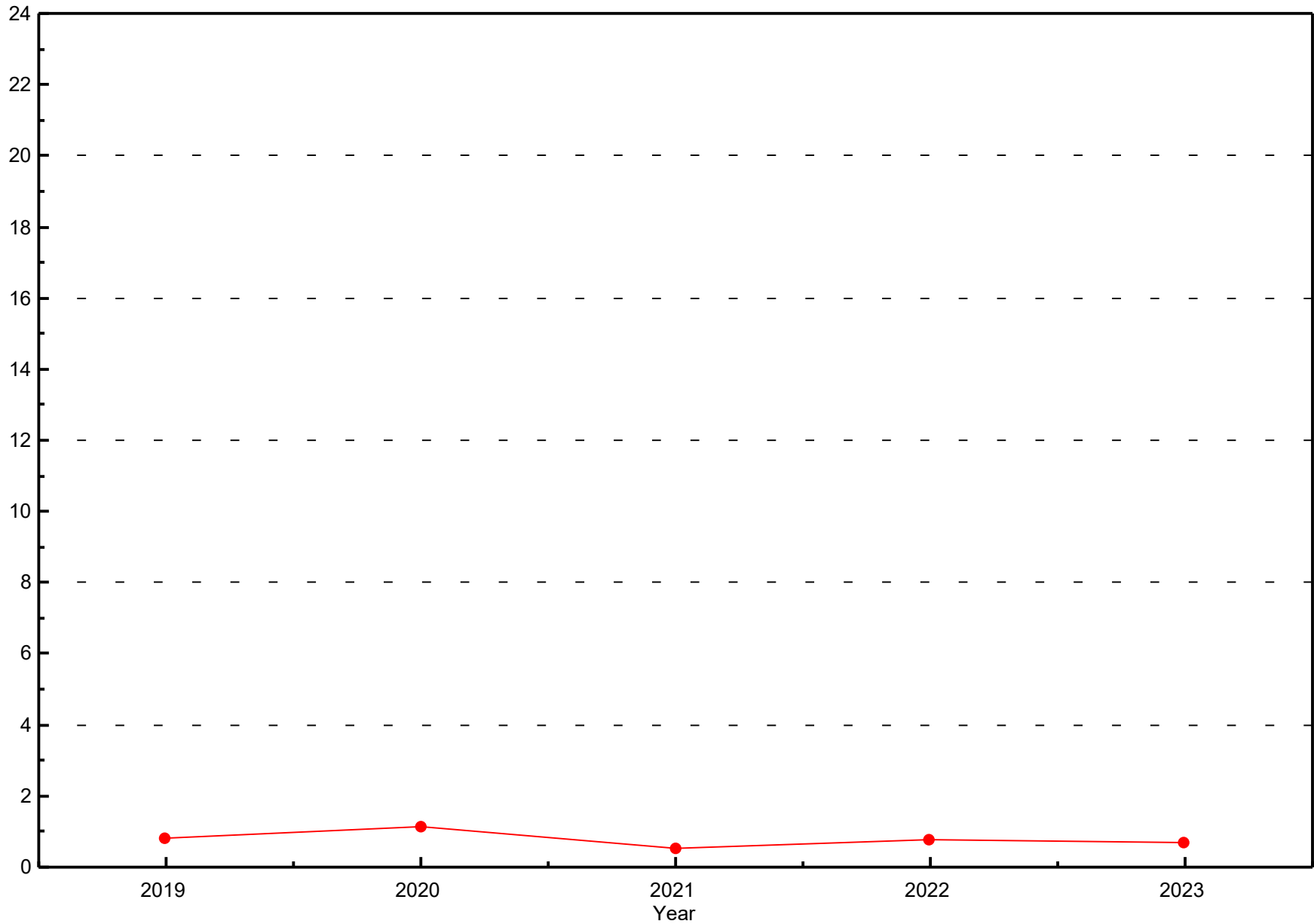
Nitric Oxide (NO) - ppb
Ells River (2019 to 2023)





Yearly Averages

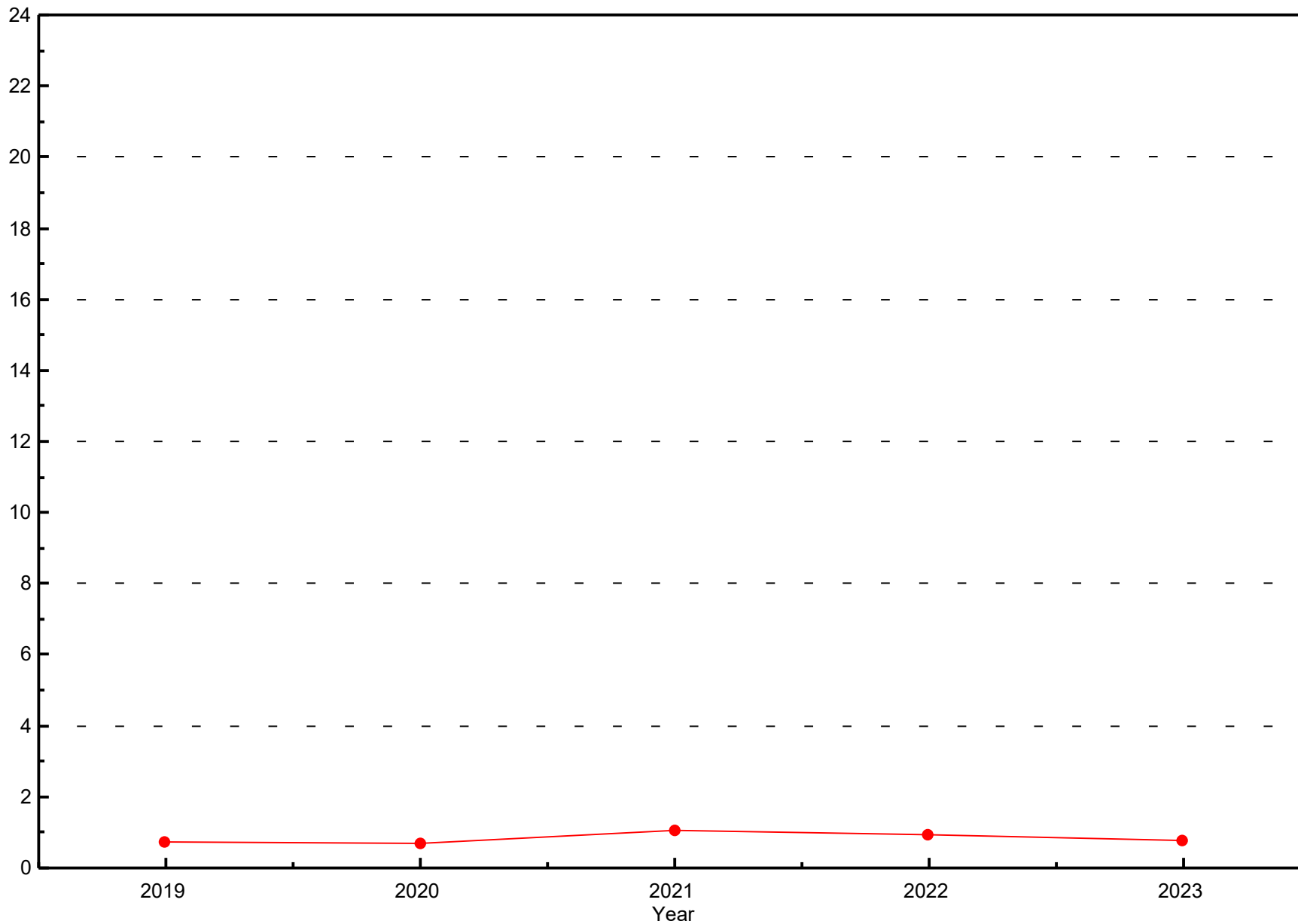
Nitric Oxide (NO) - ppb
Leismer (2019 to 2023)





Yearly Averages

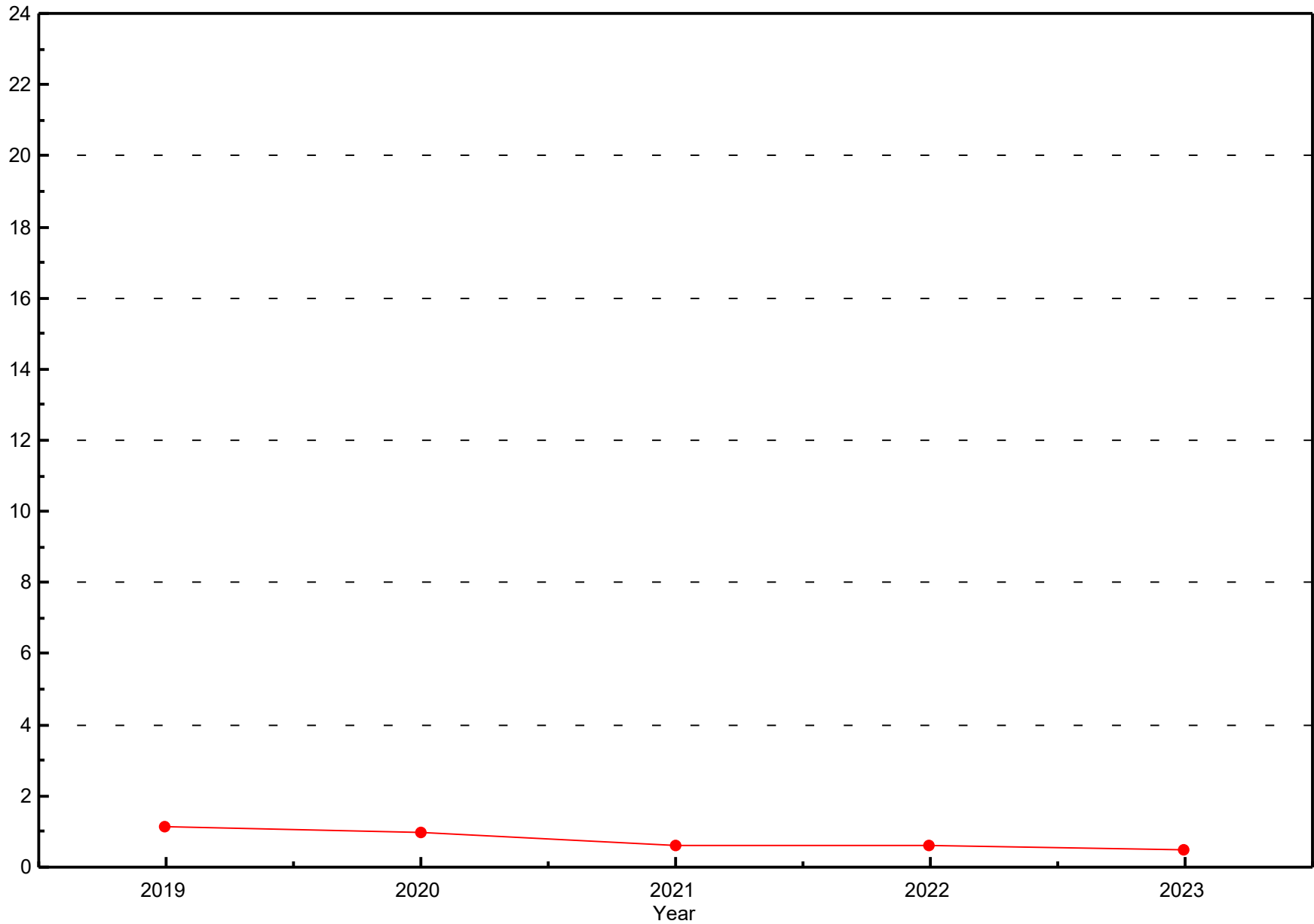
Nitric Oxide (NO) - ppb
Sawbones Bay (2019 to 2023)





Yearly Averages

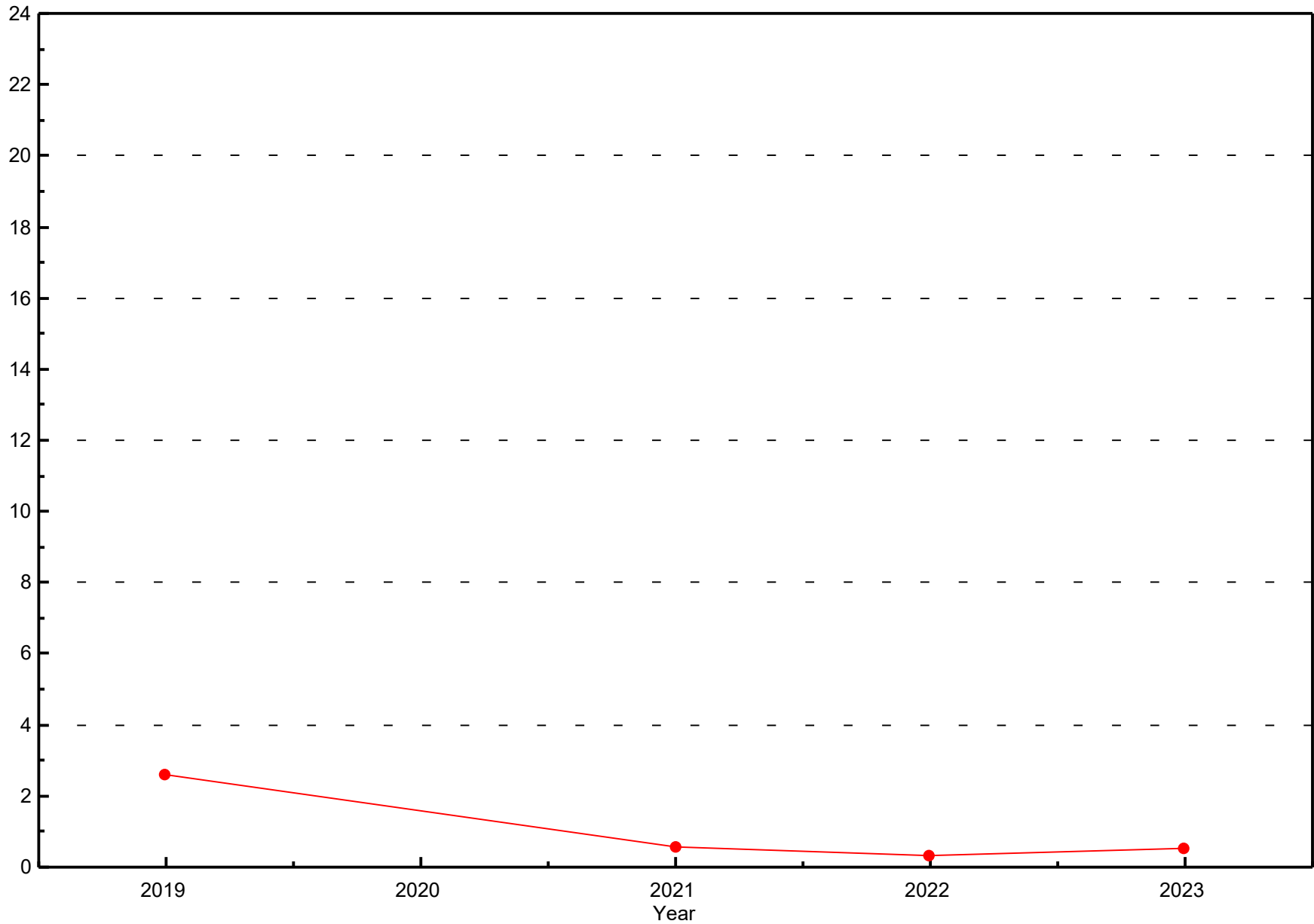
Nitric Oxide (NO) - ppb
Jackfish 1 (2019 to 2023)





Yearly Averages

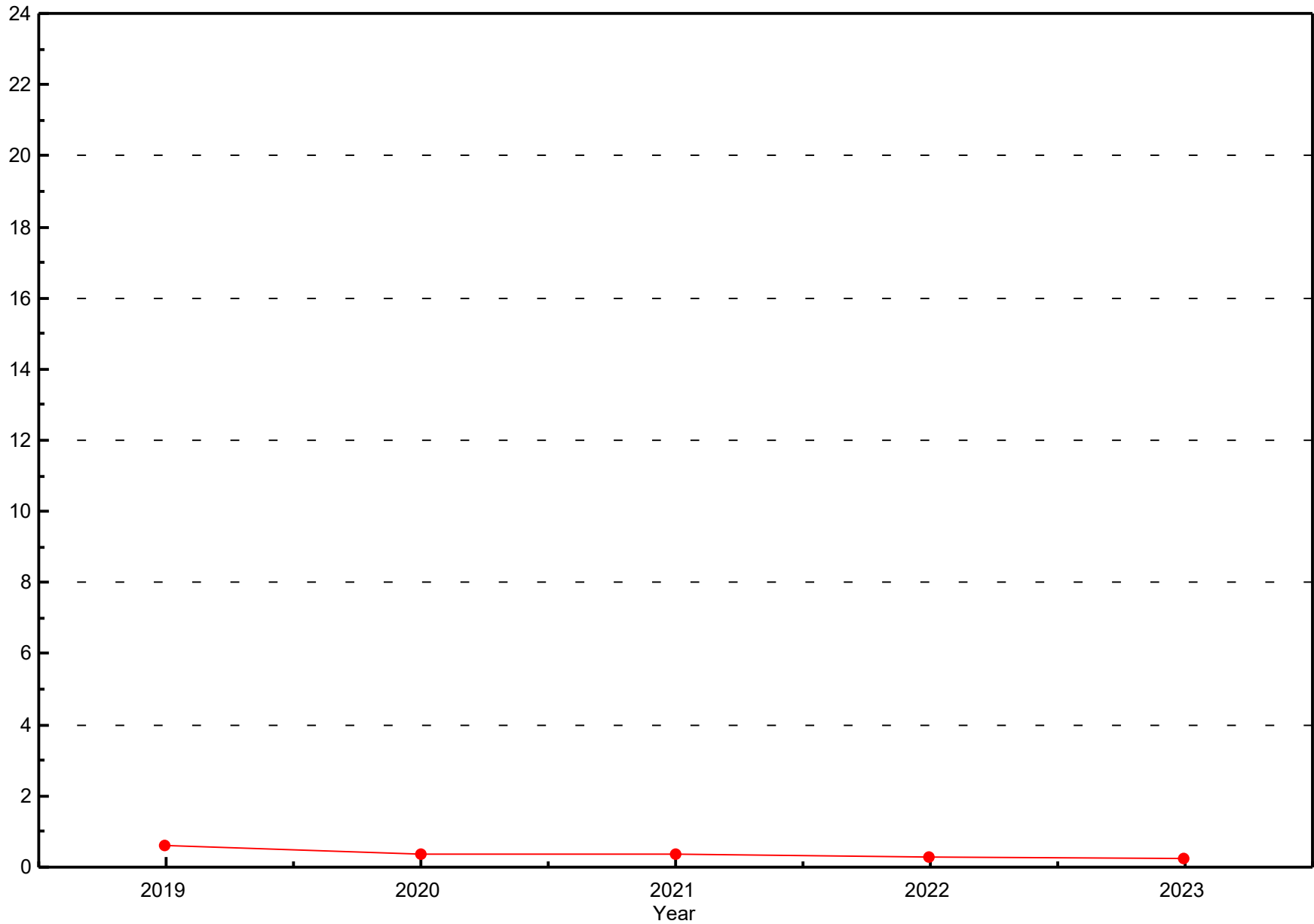
Nitric Oxide (NO) - ppb
Kirby South (2019 to 2023)





Yearly Averages

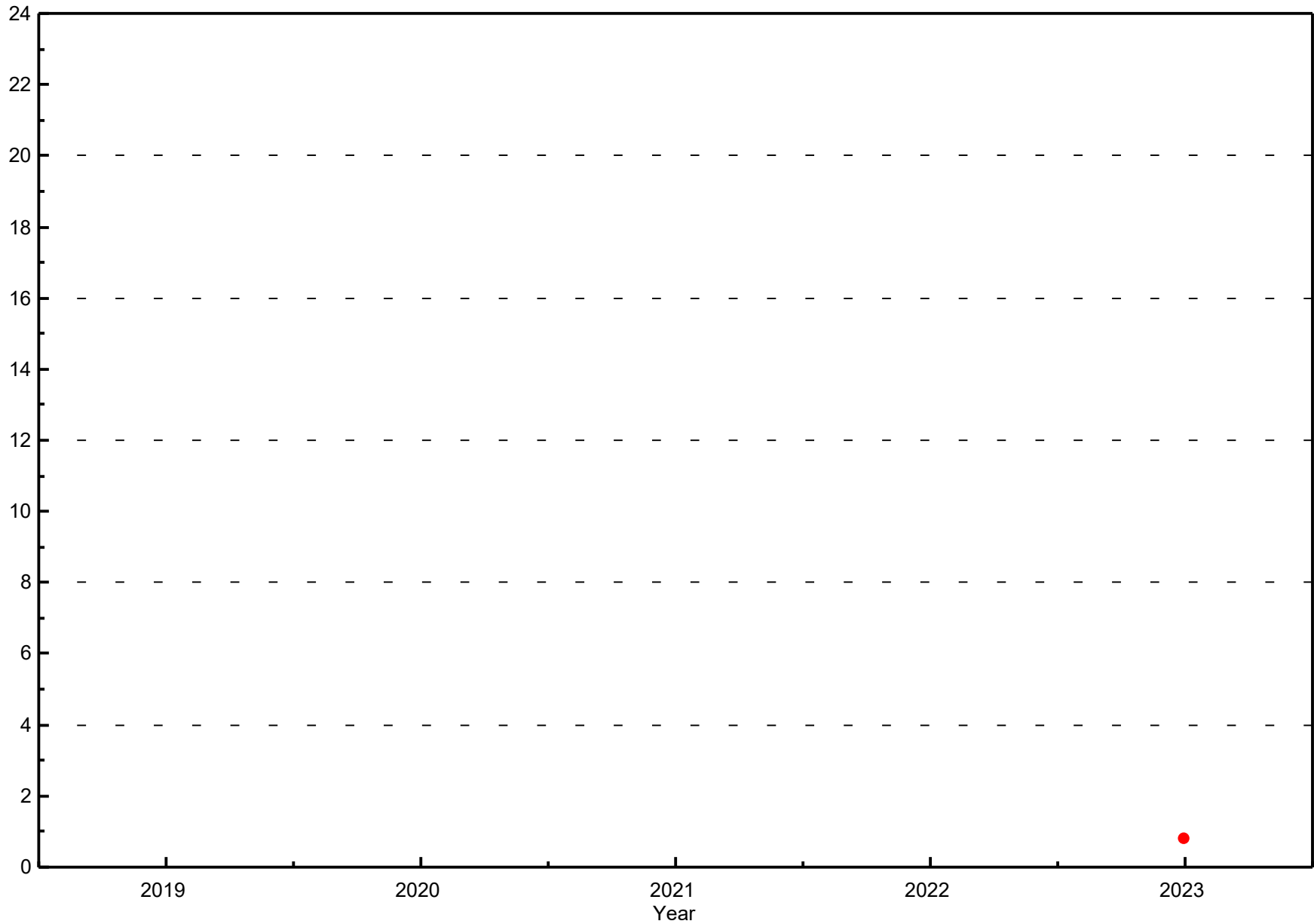
Nitric Oxide (NO) - ppb
Kirby North (2019 to 2023)





Yearly Averages

Nitrogen Oxide (NO) - ppb
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

OZONE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	12.0	37.6	0	33.3
February	99	637	15.6	38.8	0	28.7
March	100	706	24.2	47.2	0	33.8
April	99	682	31.7	49.3	0	43.7
May	100	706	30.0	68.3	0	39.3
June	99	679	22.7	76.6	1	41.5
July	100	708	22.1	68.4	0	31.2
August	100	706	16.8	69.6	0	25.1
September	100	684	17.6	45.1	0	32.1
October	100	707	16.4	36.2	0	29.3
November	100	687	14.0	35.9	0	30.4
December	100	710	12.9	39.6	0	29.8
Annual	100	8321	19.7	76.6	1	43.7



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	17.5	34.3	0	31.3
February	100	641	18.3	36.9	0	31.4
March	96	682	28.5	51.8	0	39.0
April	100	684	38.1	56.1	0	52.1
May	100	709	37.9	75.1	0	50.7
June	100	686	27.7	77.0	1	49.5
July	100	709	25.6	56.1	0	32.1
August	100	710	22.4	55.9	0	33.3
September	97	670	24.6	51.9	0	41.2
October	100	710	22.9	45.1	0	33.4
November	100	684	21.5	41.4	0	37.7
December	100	709	25.3	43.8	0	39.0
Annual	99	8303	25.9	77.0	1	52.1



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	21.1	40.0	0	37.6
February	100	638	23.4	44.9	0	39.8
March	100	709	33.0	55.6	0	43.4
April	100	685	40.2	55.2	0	49.8
May	100	709	40.1	74.3	0	54.6
June	100	686	30.7	75.5	0	51.3
July	100	709	29.1	61.6	0	37.9
August	100	708	24.3	62.2	0	31.1
September	100	684	25.0	49.9	0	40.7
October	100	708	23.8	45.6	0	32.8
November	100	687	21.2	39.1	0	36.0
December	100	708	21.8	43.7	0	37.4
Annual	100	8340	27.8	75.5	0	54.6



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	14.0	37.6	0	33.6
February	100	639	19.6	45.5	0	34.6
March	100	709	28.3	49.0	0	37.1
April	97	662	34.9	52.6	0	44.2
May	100	709	35.0	69.1	0	50.3
June	100	684	28.4	71.0	0	46.5
July	100	707	26.9	62.2	0	36.3
August	99	704	21.9	60.4	0	31.3
September	100	684	21.6	48.7	0	38.5
October	100	709	21.6	44.4	0	31.9
November	100	683	20.4	45.9	0	35.6
December	100	708	17.3	46.7	0	34.7
Annual	100	8307	24.1	71.0	0	50.3



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	708	27.9	41.4	0	39.8
February	100	641	34.9	44.7	0	40.9
March	100	707	38.4	53.5	0	46.2
April	100	685	42.4	57.6	0	53.1
May	100	707	41.2	69.6	0	49.6
June	100	687	30.6	83.4	1	57.6
July	92	656	32.0	63.4	0	42.7
August	100	708	26.4	57.2	0	39.3
September	100	684	24.9	55.6	0	41.6
October	100	707	23.1	38.2	0	32.8
November	100	687	25.2	37.8	0	34.9
December	100	710	26.9	41.0	0	39.0
Annual	99	8287	31.1	83.4	4	57.6



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	11.0	37.6	0	32.6
February	100	640	15.4	40.5	0	30.2
March	99	705	23.6	49.2	0	35.0
April	100	685	29.2	50.5	0	44.5
May	100	709	28.9	70.6	0	36.6
June	99	679	20.9	70.9	0	38.4
July	100	710	20.0	60.5	0	30.6
August	100	709	16.4	68.2	0	24.0
September	100	686	17.7	46.4	0	34.7
October	97	684	16.6	36.7	0	30.2
November	100	684	14.3	37.4	0	33.1
December	90	637	11.8	41.8	0	29.9
Annual	99	8237	18.9	70.9	0	44.5



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	710	23.8	38.2	0	35.9
February	100	637	27.5	45.5	0	39.5
March	100	709	34.9	54.0	0	47.3
April	99	681	40.2	52.3	0	49.0
May	100	710	38.5	66.1	0	53.7
June	99	679	28.3	70.9	0	46.5
July	99	704	25.9	62.4	0	35.2
August	98	693	22.2	51.8	0	31.6
September	86	591	23.9	50.7	0	37.6
October	99	701	24.4	42.6	0	33.6
November	100	680	24.8	36.7	0	33.5
December	99	705	27.5	44.6	0	38.8
Annual	98	8200	28.6	70.9	0	53.7



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	710	24.6	40.1	0	36.3
February	100	640	29.6	47.7	0	42.6
March	100	708	39.2	54.8	0	50.0
April	100	686	43.5	56.3	0	54.2
May	100	709	43.1	69.6	0	55.0
June	100	684	30.8	75.9	0	54.8
July	100	708	30.4	79.1	1	43.4
August	96	677	25.7	77.2	1	36.2
September	100	685	26.0	56.4	0	43.8
October	100	710	24.1	46.0	0	37.7
November	100	686	24.4	39.7	0	34.1
December	100	709	28.0	42.0	0	36.6
Annual	100	8312	30.8	79.1	3	55.0



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	707	27.8	37.6	0	35.6
February	100	639	33.7	43.7	0	41.2
March	100	708	41.3	54.4	0	50.8
April	100	686	43.0	52.5	0	48.7
May	100	709	39.8	61.3	0	53.9
June	100	684	30.5	67.1	0	50.4
July	100	707	29.3	61.1	0	39.0
August	100	708	24.5	47.8	0	33.1
September	97	665	26.7	49.8	0	37.6
October	100	708	26.6	42.8	0	33.4
November	100	685	25.9	38.0	0	34.2
December	100	710	26.6	38.5	0	35.4
Annual	100	8316	31.3	67.1	0	53.9



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Ozone (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	100	709	24.9	38.8	0	36.9
February	100	640	32.1	45.3	0	41.0
March	100	708	38.8	57.5	0	49.7
April	100	687	39.8	55.1	0	51.4
May	100	709	35.7	65.2	0	50.3
June	100	686	27.6	73.9	0	50.5
July	100	710	26.4	65.8	0	36.9
August	99	705	21.6	50.1	0	32.8
September	100	685	22.3	51.0	0	39.1
October	99	702	22.2	40.3	0	31.7
November	100	685	23.7	39.5	0	35.3
December	100	709	23.7	40.9	0	37.5
Annual	100	8335	28.2	73.9	0	51.4



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Ozone (ppb) Average

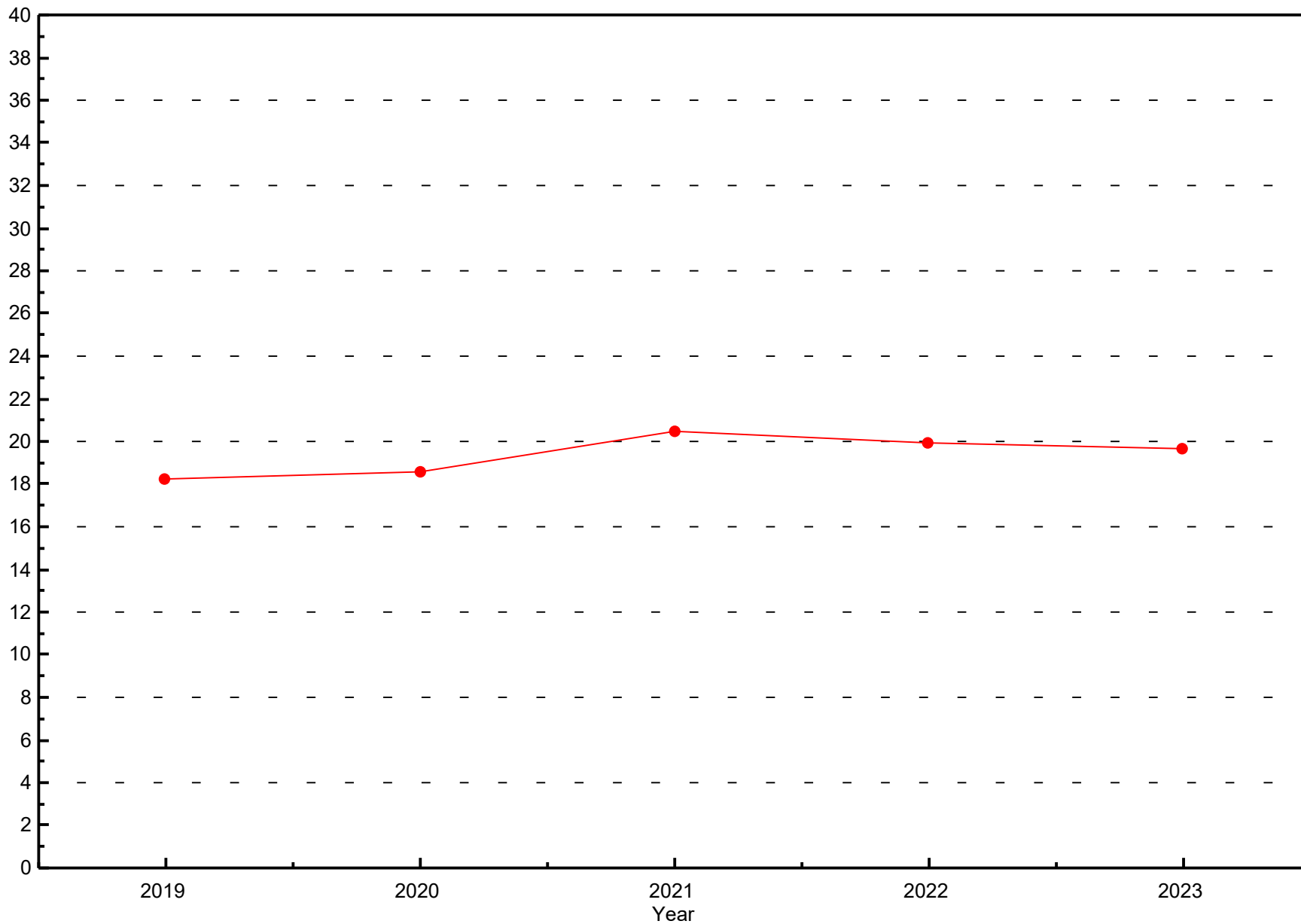
Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value
January	93	661	27.7	39.9	0	37.5
February	100	639	33.9	46.5	0	43.9
March	100	708	41.2	59.2	0	53.0
April	100	686	44.1	58.5	0	52.7
May	100	709	39.0	68.2	0	53.7
June	92	630	28.6	64.5	0	44.7
July	100	709	25.5	67.2	0	36.2
August	100	708	19.8	39.8	0	30.4
September	100	681	24.8	54.0	0	39.2
October	100	708	26.8	47.1	0	35.2
November	100	687	26.3	41.1	0	38.7
December	100	709	27.7	45.1	0	40.7
Annual	99	8235	30.4	68.2	0	53.7



Yearly Averages

Ozone (O₃) - ppb

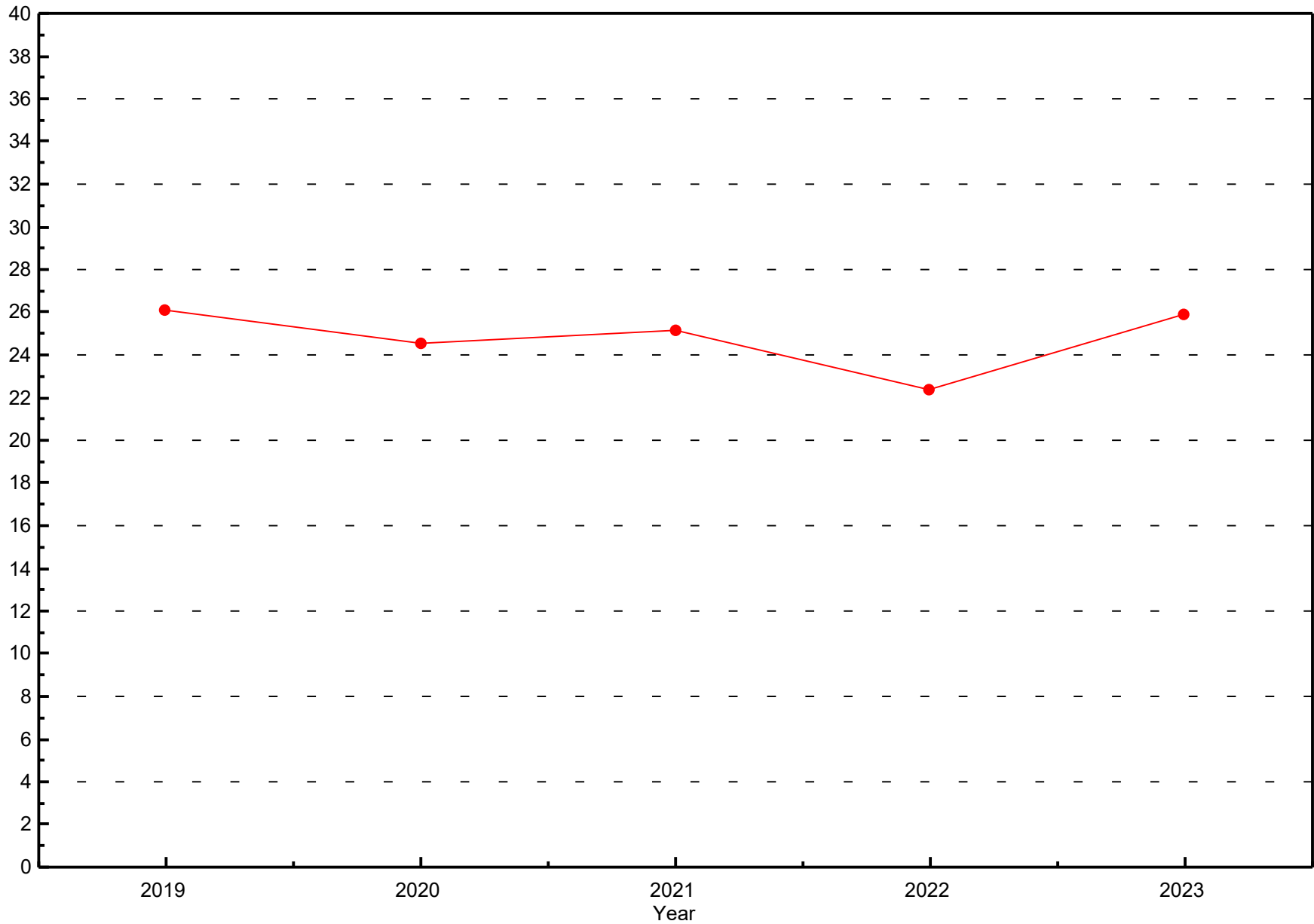
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

Ozone (O₃) - ppb
Buffalo Viewpoint (2019 to 2023)

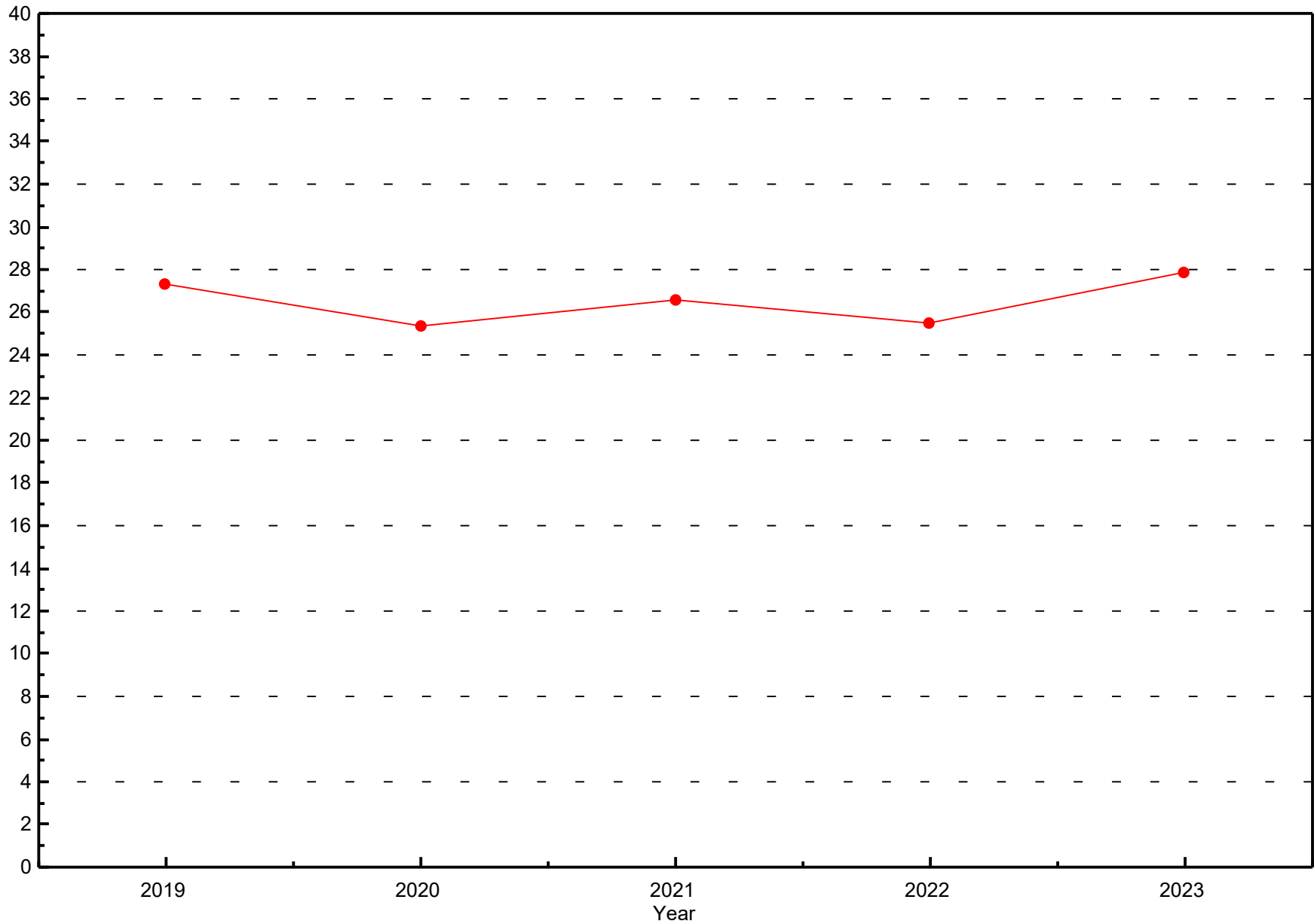




Yearly Averages

Ozone (O₃) - ppb

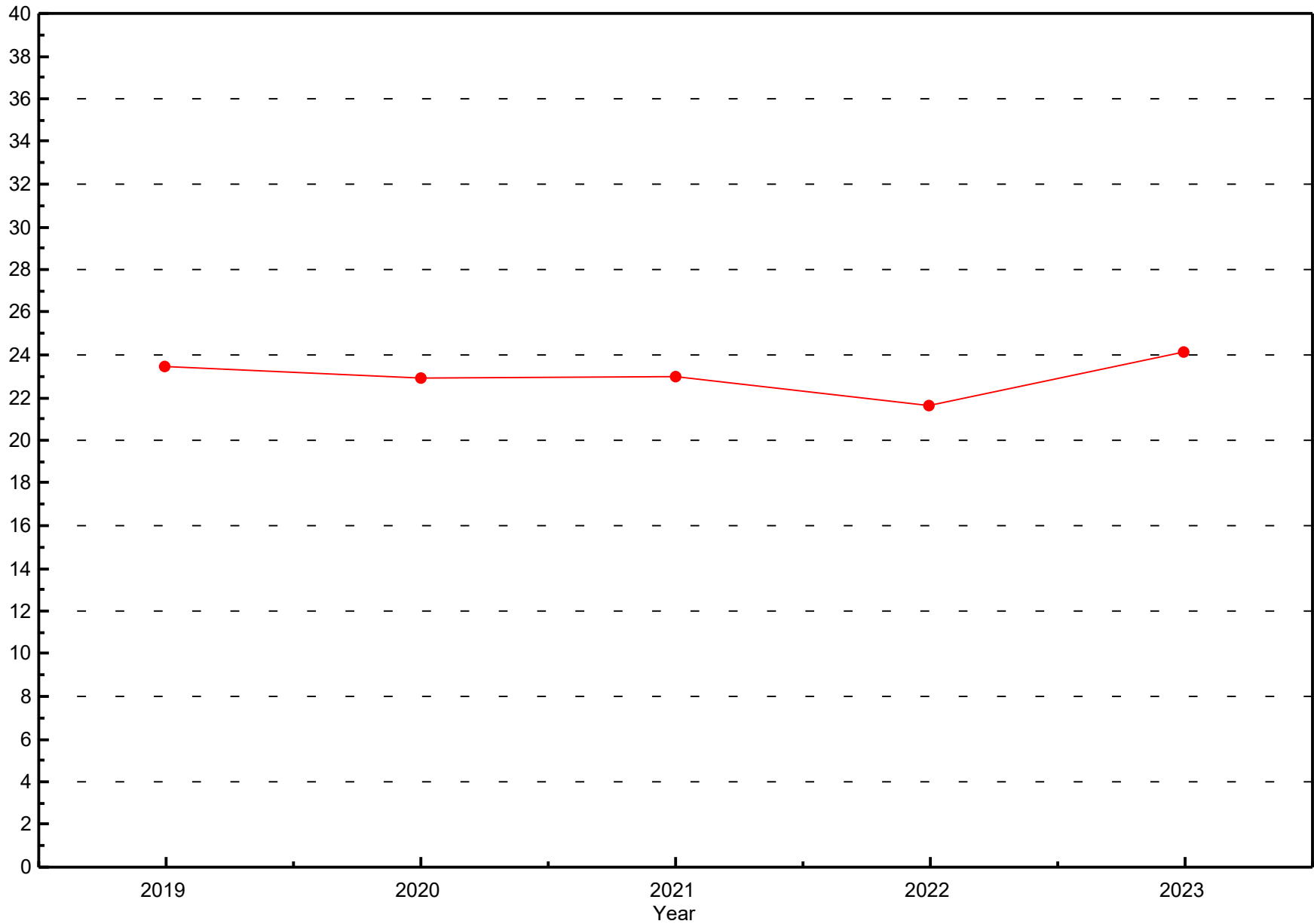
Patricia McInnes (2019 to 2023)





Yearly Averages

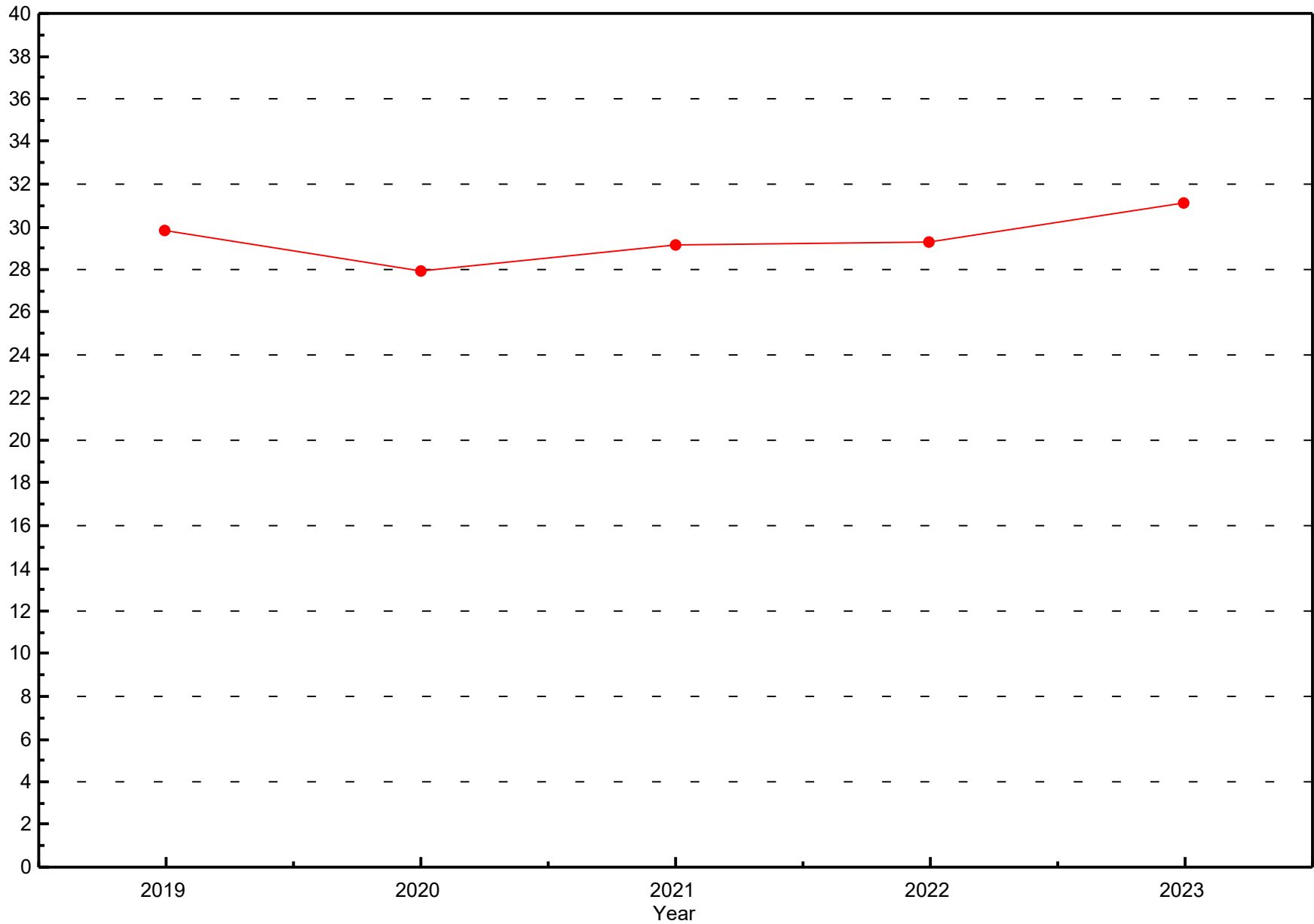
Ozone (O₃) - ppb
Athabasca Valley (2019 to 2023)





Yearly Averages

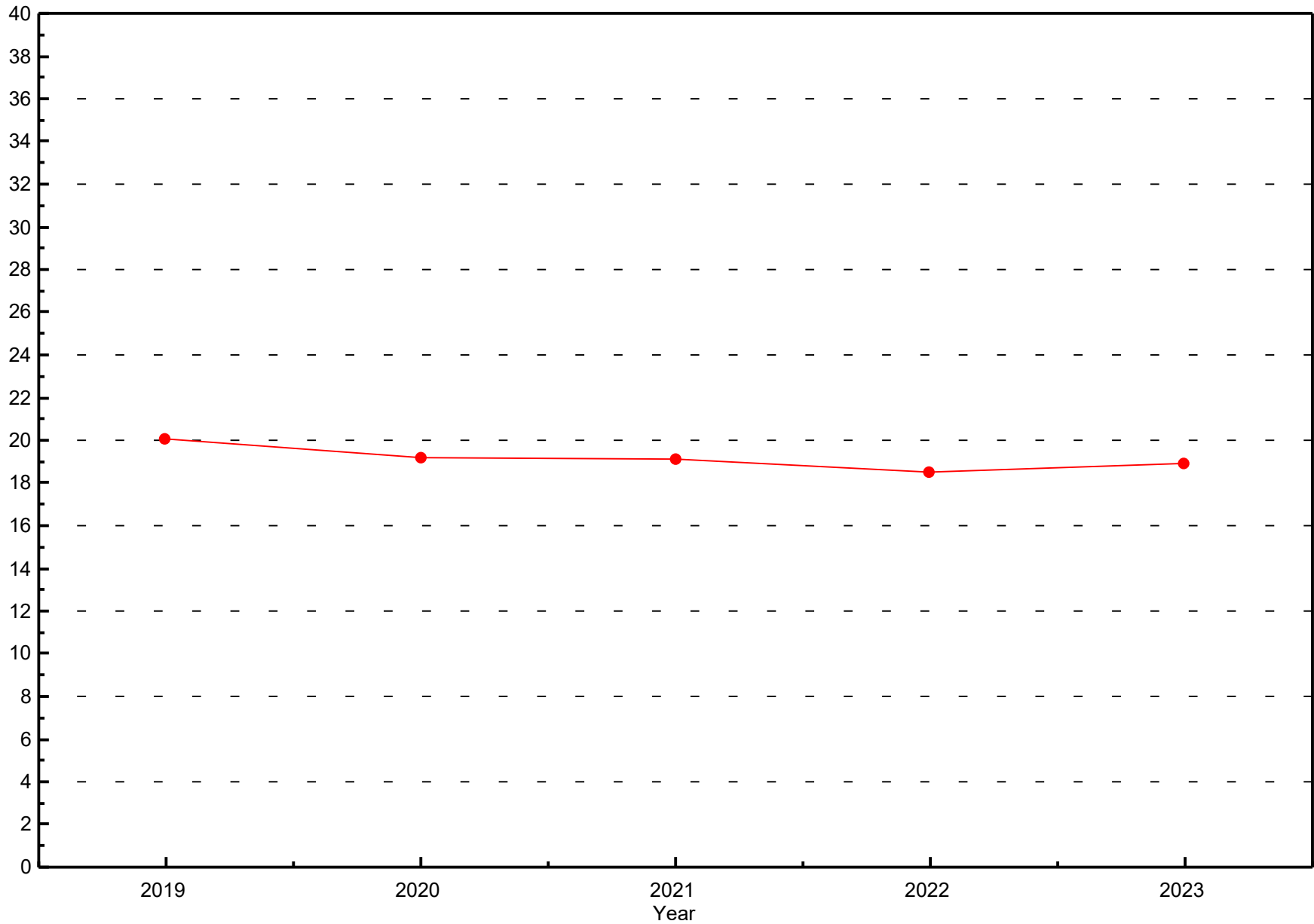
Ozone (O₃) - ppb
Fort Chipewyan (2019 to 2023)





Yearly Averages

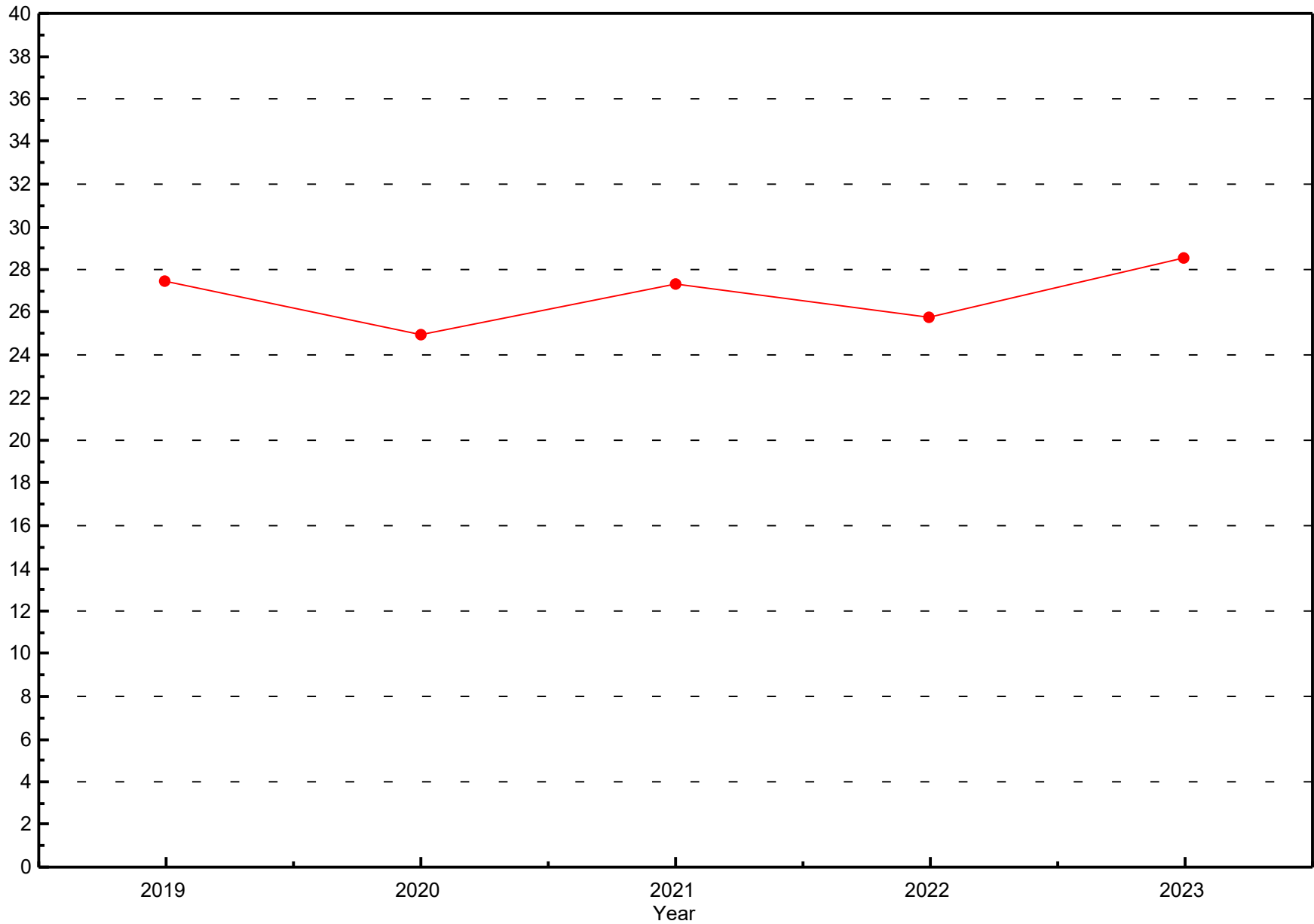
Ozone (O₃) - ppb
Fort McKay South (2019 to 2023)





Yearly Averages

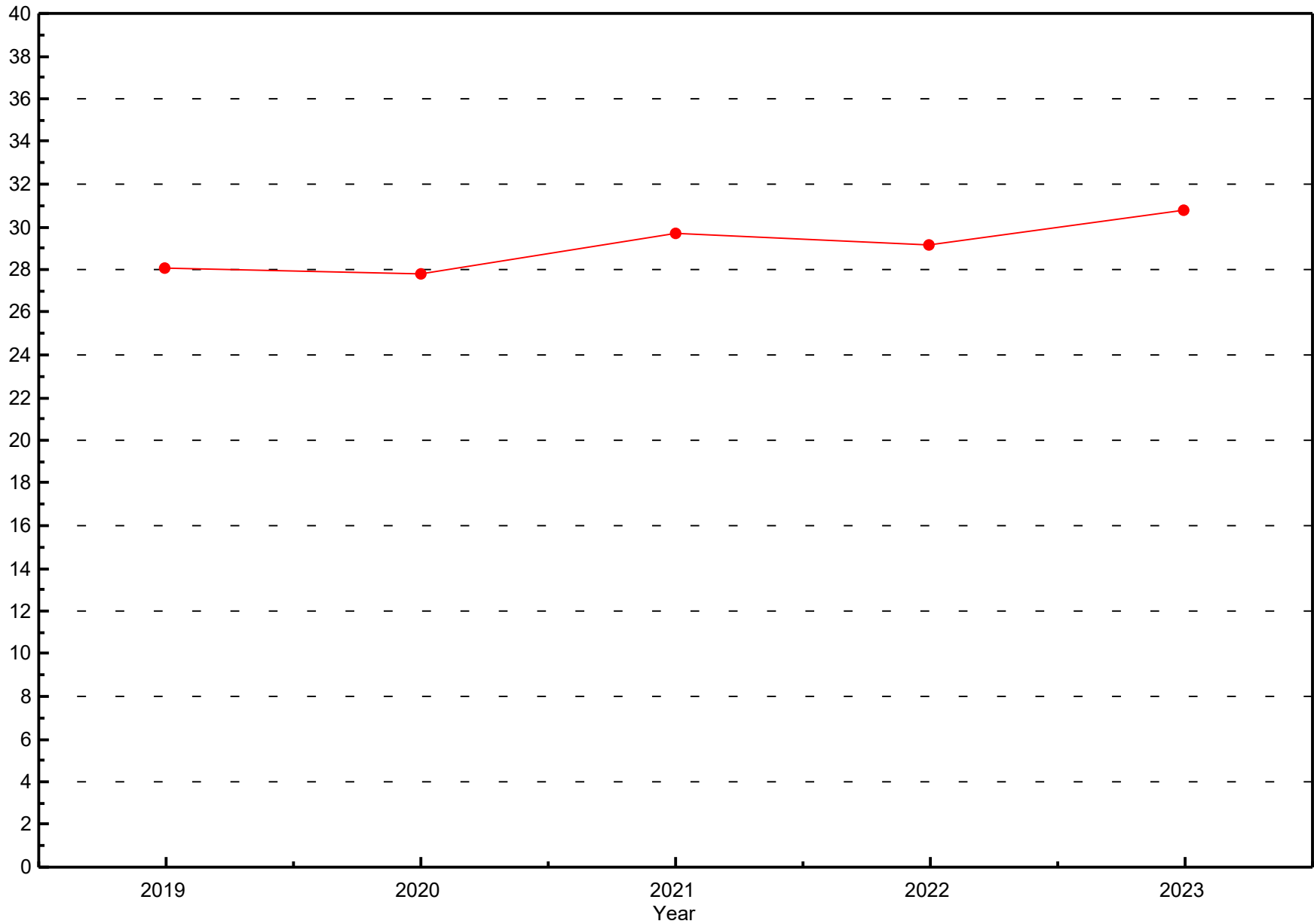
Ozone (O₃) - ppb
Anzac (2019 to 2023)





Yearly Averages

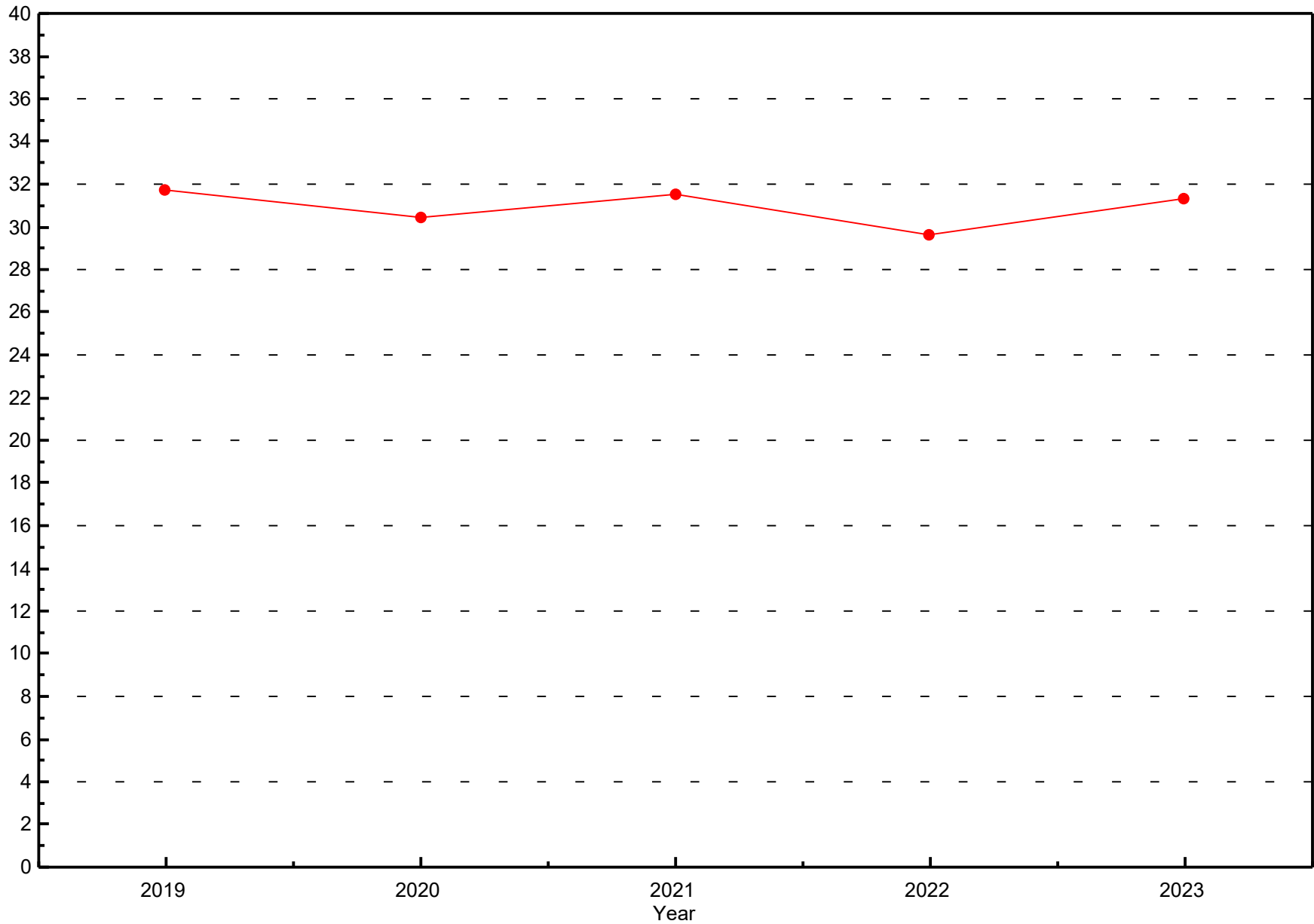
Ozone (O₃) - ppb
Wapasu (2019 to 2023)





Yearly Averages

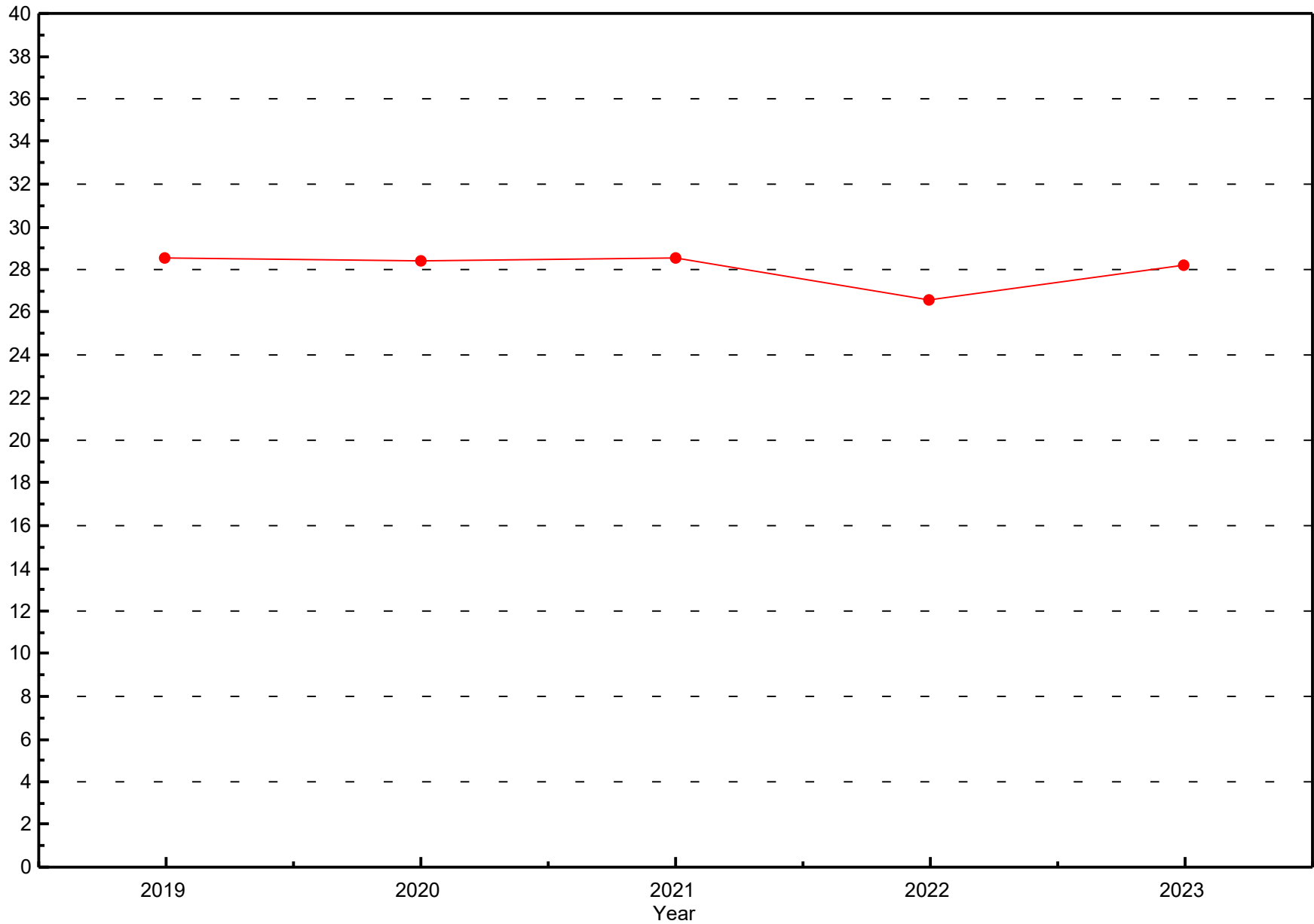
Ozone (O₃) - ppb
Stony Mountain (2019 to 2023)





Yearly Averages

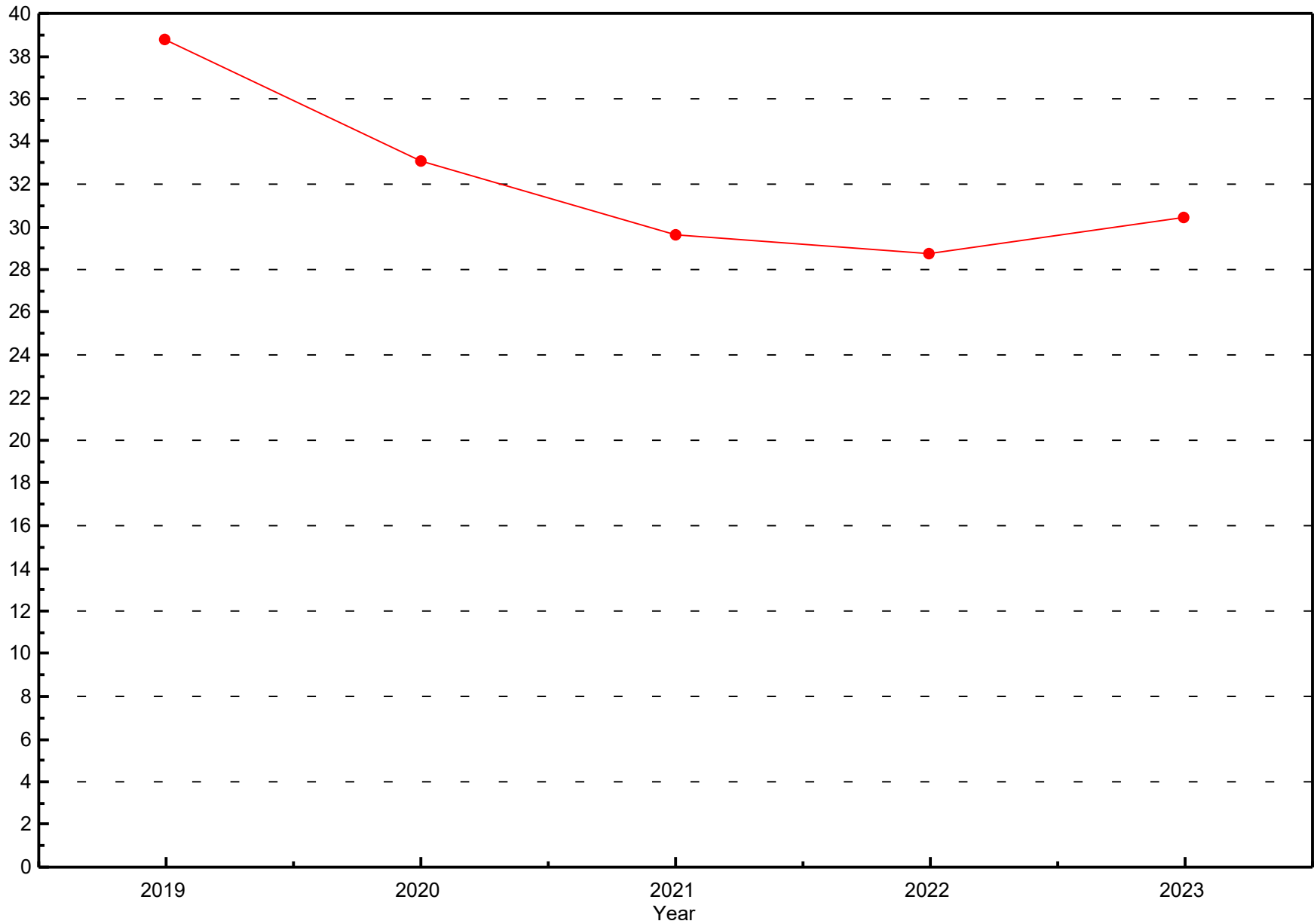
Ozone (O₃) - ppb
Conklin (2019 to 2023)





Yearly Averages

Ozone (O₃) - ppb
Janvier (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

TOTAL HYDROCARBONS ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	96.0	680.0	2.4	4.0	3.0
February	99.6	634.0	2.3	4.1	3.2
March	99.6	706.0	2.1	3.6	2.5
April	94.7	647.0	2.0	2.9	2.2
May	99.9	705.0	2.2	3.1	2.5
June	98.9	677.0	2.1	3.3	2.3
July	99.9	707.0	2.1	3.5	2.4
August	99.7	706.0	2.2	4.2	2.8
September	99.7	684.0	2.2	2.9	2.4
October	99.2	703.0	2.1	5.1	2.8
November	99.7	683.0	2.2	5.4	2.9
December	100.0	709.0	2.2	3.6	2.7
Annual	98.9	8241.0	2.2	5.4	3.2



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	99.9	709.0	2.4	5.6	3.0
February	100.0	641.0	2.3	4.3	3.1
March	99.6	707.0	2.2	4.0	2.7
April	99.9	685.0	2.1	3.6	2.3
May	99.3	704.0	2.1	4.0	2.4
June	99.7	682.0	2.1	4.6	2.6
July	99.6	706.0	2.2	3.7	2.4
August	99.7	707.0	2.3	4.3	2.7
September	99.7	682.0	2.2	3.8	2.5
October	99.1	703.0	2.2	8.1	2.7
November	99.4	682.0	2.2	4.1	2.7
December	85.9	602.0	2.3	7.1	2.6
Annual	98.5	8210.0	2.2	8.1	3.1



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	710.0	2.1	3.8	2.7
February	99.7	638.0	2.1	3.9	2.7
March	96.6	684.0	2.0	3.6	2.5
April	99.3	682.0	2.1	4.5	2.4
May	99.9	708.0	2.2	4.0	2.7
June	99.9	686.0	2.2	4.5	2.5
July	100.0	709.0	2.3	4.6	2.7
August	100.0	710.0	2.3	4.7	3.2
September	100.0	686.0	2.2	4.3	2.5
October	100.0	710.0	2.1	6.3	2.7
November	99.9	686.0	2.0	4.0	2.1
December	99.7	707.0	2.1	5.1	2.7
Annual	99.6	8316.0	2.1	6.3	3.2



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100.0	708.0	2.3	4.7	3.1
February	100.0	641.0	2.3	5.1	3.1
March	98.3	696.0	2.2	6.0	3.0
April	100.0	686.0	2.1	3.5	2.4
May	97.5	690.0	2.1	4.6	2.4
June	100.0	686.0	2.2	4.4	2.5
July	100.0	708.0	2.3	7.4	2.8
August	100.0	708.0	2.3	5.6	3.6
September	99.6	682.0	2.2	3.4	2.5
October	99.9	708.0	2.1	4.4	2.6
November	99.3	682.0	2.1	3.6	2.3
December	100.0	709.0	2.2	4.4	3.1
Annual	99.5	8304.0	2.2	7.4	3.6



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	709.0	2.1	3.3	2.6
February	90.6	577.0	2.1	2.6	2.4
March	99.6	705.0	2.1	3.3	2.2
April	96.5	662.0	2.0	2.4	2.1
May	98.1	695.0	2.0	2.3	2.1
June	95.1	649.0	2.0	2.4	2.1
July	92.1	644.0	2.1	3.0	2.4
August	99.6	703.0	2.2	2.8	2.4
September	99.7	684.0	2.1	2.5	2.2
October	99.9	708.0	2.1	3.4	2.4
November	100.0	686.0	2.1	2.6	2.2
December	99.9	708.0	2.2	3.1	2.5
Annual	97.7	8130.0	2.1	3.4	2.6



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	709.0	2.2	4.2	2.8
February	99.9	639.0	2.1	2.8	2.5
March	99.9	709.0	2.1	2.7	2.2
April	99.7	683.0	2.0	2.4	2.1
May	99.7	707.0	2.1	2.5	2.2
June	90.7	621.0	2.0	2.5	2.1
July	90.9	639.0	2.1	3.4	2.4
August	95.0	672.0	2.2	3.9	3.0
September	91.0	624.0	2.1	2.5	2.3
October	99.3	704.0	2.1	3.4	2.4
November	96.7	662.0	2.1	2.6	2.3
December	96.4	683.0	2.1	3.1	2.6
Annual	96.6	8052.0	2.1	4.2	3.0



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	709.0	2.2	3.8	2.7
February	99.3	635.0	2.2	4.3	3.0
March	78.2	546.0	2.1	3.6	2.4
April	98.8	677.0	2.1	3.2	2.2
May	99.9	708.0	2.1	3.8	2.3
June	99.2	680.0	2.1	3.0	2.3
July	93.3	660.0	2.1	3.3	2.4
August	98.8	699.0	2.2	3.7	2.7
September	99.7	685.0	2.1	2.8	2.4
October	98.8	700.0	2.1	6.4	2.7
November	92.8	636.0	2.1	4.5	2.8
December	100.0	710.0	2.2	3.8	2.7
Annual	96.5	8045.0	2.1	6.4	3.0



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	709.0	2.3	3.7	2.7
February	99.7	638.0	2.3	3.8	3.0
March	99.6	705.0	2.2	3.3	2.4
April	99.4	683.0	2.1	2.9	2.2
May	99.5	705.0	2.1	4.5	2.4
June	99.9	686.0	2.1	3.3	2.3
July	98.5	699.0	2.2	3.5	2.4
August	99.2	704.0	2.3	3.5	2.7
September	100.0	687.0	2.2	3.7	2.3
October	100.0	709.0	2.1	4.2	2.4
November	99.7	684.0	2.2	3.9	2.6
December	100.0	709.0	2.3	3.1	2.5
Annual	99.6	8318.0	2.2	4.5	3.0



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	709.0	2.3	3.6	2.8
February	99.4	637.0	2.3	4.5	3.0
March	98.8	698.0	2.2	3.7	2.5
April	99.9	686.0	2.1	2.8	2.2
May	100.0	709.0	2.1	3.6	2.4
June	98.6	676.0	2.1	3.1	2.2
July	100.0	709.0	2.1	3.0	2.3
August	100.0	708.0	2.2	4.0	2.9
September	100.0	685.0	2.2	3.3	2.4
October	99.9	708.0	2.1	4.1	2.4
November	91.4	626.0	2.2	4.8	2.7
December	100.0	709.0	2.3	4.0	2.7
Annual	99.0	8260.0	2.2	4.8	3.0



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	95.4	677.0	2.1	2.8	2.2
February	100.0	641.0	2.1	2.9	2.2
March	99.9	709.0	2.1	3.3	2.1
April	99.2	681.0	2.0	2.3	2.1
May	99.9	708.0	2.0	2.4	2.1
June	98.3	674.0	2.0	2.5	2.1
July	99.1	703.0	2.1	2.6	2.2
August	98.0	693.0	2.2	2.9	2.6
September	99.6	683.0	2.1	3.3	2.3
October	100.0	707.0	2.1	2.7	2.2
November	99.7	684.0	2.0	3.0	2.1
December	99.5	705.0	2.0	3.2	2.3
Annual	99.0	8265.0	2.1	3.3	2.6



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	99.7	708.0	2.4	3.3	2.8
February	99.9	640.0	2.3	2.9	2.4
March	99.9	708.0	2.3	2.6	2.3
April	99.9	685.0	2.2	2.4	2.3
May	99.9	709.0	2.2	2.7	2.4
June	99.7	684.0	2.1	2.6	2.5
July	100.0	708.0	2.3	3.0	2.5
August	100.0	709.0	2.4	3.4	2.6
September	99.9	686.0	2.4	3.7	2.7
October	100.0	709.0	2.3	2.7	2.4
November	99.9	687.0	2.3	3.0	2.5
December	98.3	695.0	2.3	2.9	2.5
Annual	99.7	8328.0	2.3	3.7	2.8



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	99.6	706.0	2.1	2.4	2.3
February	99.6	638.0	2.1	2.2	2.2
March	99.9	709.0	2.1	2.2	2.1
April	100.0	687.0	2.0	2.2	2.1
May	97.0	687.0	2.0	2.3	2.1
June	99.7	684.0	2.0	2.1	2.1
July	100.0	709.0	2.0	3.6	2.2
August	94.6	670.0	2.1	2.3	2.2
September	90.3	619.0	2.0	2.2	2.1
October	100.0	709.0	2.0	2.1	2.1
November	100.0	685.0	2.0	2.3	2.1
December	100.0	709.0	2.1	2.3	2.2
Annual	98.4	8212.0	2.1	3.6	2.3



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100.0	708.0	2.3	2.8	2.5
February	97.2	621.0	2.3	2.7	2.4
March	99.3	704.0	2.2	2.6	2.3
April	96.4	661.0	2.2	2.4	2.3
May	96.8	686.0	2.3	2.7	2.5
June	99.7	685.0	2.2	2.7	2.5
July	95.7	677.0	2.3	2.9	2.5
August	92.1	652.0	2.3	3.2	2.5
September	99.9	685.0	2.4	3.8	2.6
October	99.9	708.0	2.3	2.8	2.4
November	100.0	687.0	2.3	2.7	2.3
December	100.0	708.0	2.3	2.7	2.5
Annual	98.1	8182.0	2.3	3.8	2.6



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100.0	709.0	2.4	3.3	2.5
February	99.6	637.0	2.4	3.8	2.7
March	99.7	707.0	2.3	3.1	2.4
April	99.7	685.0	2.2	2.9	2.4
May	99.7	708.0	2.3	3.4	2.5
June	100.0	687.0	2.3	2.8	2.4
July	100.0	710.0	2.3	3.2	2.7
August	100.0	709.0	2.4	3.3	2.8
September	100.0	687.0	2.4	3.1	2.6
October	99.7	708.0	2.3	3.9	2.8
November	100.0	688.0	2.3	3.0	2.4
December	100.0	710.0	2.3	3.2	2.6
Annual	99.9	8345.0	2.3	3.9	2.8



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	95.0	673.0	2.2	2.5	2.3
February	99.7	636.0	2.1	2.3	2.2
March	99.6	707.0	2.1	2.4	2.2
April	98.2	671.0	2.1	2.5	2.2
May	99.7	707.0	2.1	2.7	2.2
June	99.3	681.0	2.1	4.1	2.4
July	99.7	708.0	2.1	3.5	2.3
August	99.9	708.0	2.2	4.5	2.7
September	100.0	686.0	2.2	3.2	2.4
October	78.6	552.0	2.1	2.8	2.2
November	100.0	688.0	2.1	2.4	2.3
December	95.7	673.0	2.1	2.5	2.3
Annual	97.1	8090.0	2.1	4.5	2.7



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	93.3	659.0	2.1	2.3	2.2
February	99.9	638.0	2.0	2.2	2.1
March	99.9	707.0	2.1	2.3	2.1
April	99.7	684.0	2.0	2.2	2.1
May	99.7	707.0	2.0	2.4	2.1
June	99.3	681.0	2.0	2.6	2.1
July	99.7	707.0	2.0	2.4	2.1
August	100.0	709.0	2.0	2.5	2.2
September	99.7	684.0	2.0	2.4	2.2
October	99.9	708.0	2.0	2.2	2.1
November	96.8	665.0	2.0	2.2	2.1
December	96.2	680.0	2.1	2.4	2.2
Annual	98.7	8229.0	2.0	2.6	2.2



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	95.6	677.0	2.4	6.5	3.1
February	99.7	639.0	2.4	6.0	3.1
March	99.7	707.0	2.5	36.3	4.2
April	94.0	645.0	2.3	5.6	2.6
May	96.8	687.0	2.3	7.4	2.7
June	100.0	687.0	2.2	3.7	2.6
July	98.8	702.0	2.3	10.3	2.7
August	96.2	682.0	2.5	8.8	3.8
September	99.4	684.0	2.4	5.6	2.8
October	99.7	708.0	2.4	9.0	3.6
November	99.6	687.0	2.5	5.3	3.8
December	99.7	708.0	2.4	7.9	4.0
Annual	98.3	8213.0	2.4	36.3	4.2



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	708.0	2.3	2.8	2.6
February	100.0	639.0	2.3	3.4	2.4
March	99.3	704.0	2.2	2.4	2.3
April	99.7	684.0	2.1	2.8	2.2
May	99.7	705.0	2.1	2.6	2.3
June	96.7	661.0	2.3	2.6	2.4
July	99.9	708.0	2.3	2.8	2.5
August	100.0	710.0	2.3	3.0	2.6
September	98.8	677.0	2.3	2.8	2.6
October	99.7	708.0	2.2	2.7	2.4
November	99.9	686.0	2.3	2.6	2.4
December	100.0	708.0	2.2	2.6	2.5
Annual	99.5	8298.0	2.3	3.4	2.6



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	96.9	688.0	2.4	5.4	3.4
February	85.9	544.0	2.2	5.7	3.2
March	99.1	703.0	2.1	3.1	2.4
April	99.9	685.0	2.1	3.4	2.3
May	99.7	708.0	2.1	3.8	2.3
June	96.9	665.0	2.1	3.8	2.5
July	60.0	423.0	2.1	3.5	2.4
August	99.3	704.0	2.2	4.2	2.6
September	100.0	687.0	2.2	3.3	2.4
October	96.8	686.0	2.1	3.9	2.4
November	85.3	584.0	2.2	5.0	2.6
December	99.7	707.0	2.2	4.3	2.8
Annual	93.3	7784.0	2.2	5.7	3.4



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
July	96.2	560.0	2.4	3.5	2.6
August	100.0	710.0	2.4	3.9	2.7
September	99.7	685.0	2.4	6.0	2.6
October	98.9	700.0	2.3	3.4	2.5
November	100.0	687.0	2.4	2.9	2.5
December	100.0	709.0	2.4	3.3	2.6
Annual	99.1	4051.0	2.4	6.0	2.7



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100.0	706.0	2.4	2.8	2.6
February	99.0	633.0	2.4	3.2	2.6
March	97.9	691.0	2.3	2.8	2.5
April	99.9	685.0	2.3	3.9	2.6
May	99.9	707.0	2.3	3.3	2.5
June	99.7	682.0	2.3	2.6	2.4
Annual	99.4	4104.0	2.3	3.9	2.6



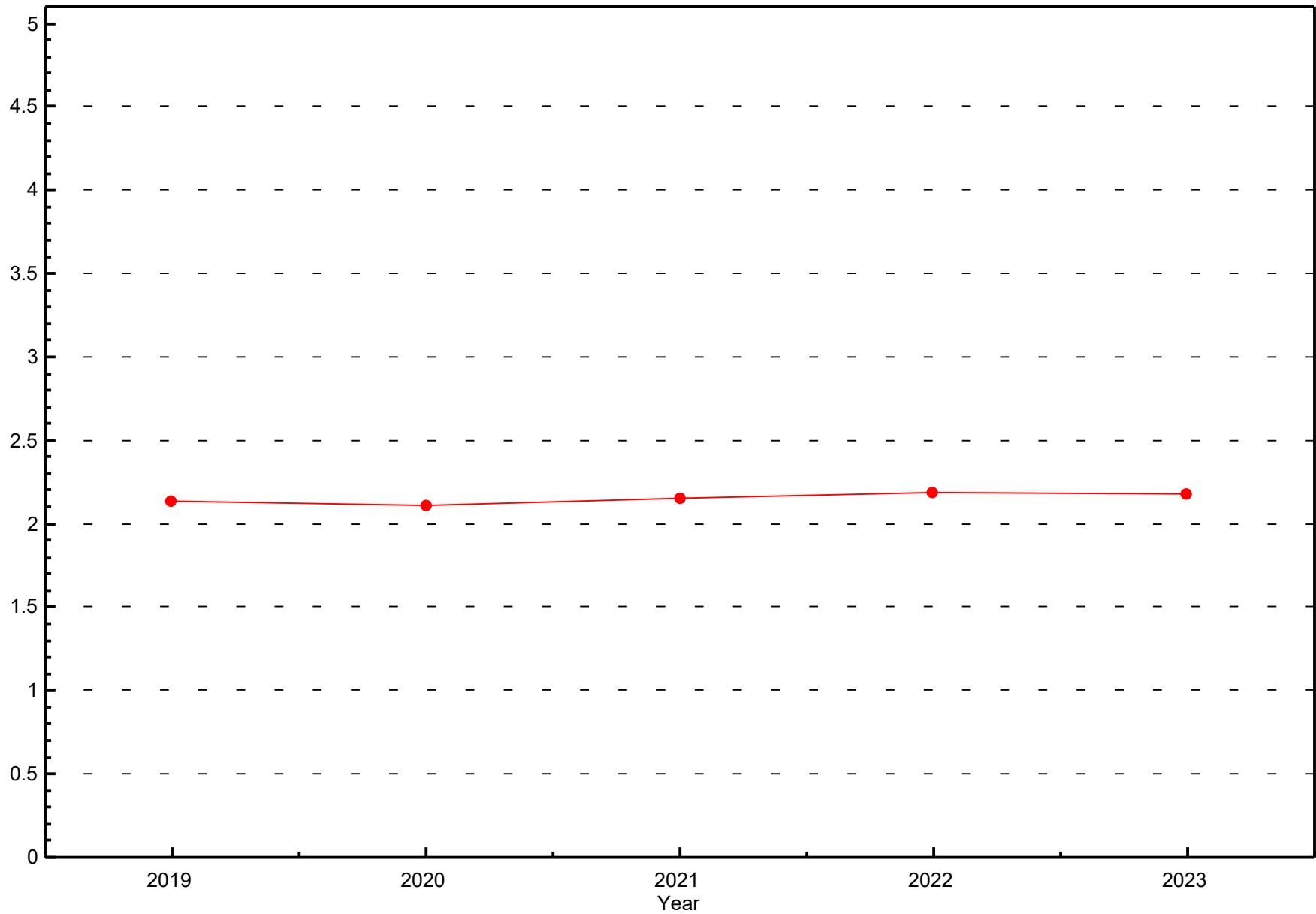
Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Total Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
October	99.7	705.0	2.2	2.8	2.4
November	100.0	688.0	2.4	2.8	2.6
December	99.2	703.0	2.4	3.0	2.6
Annual	99.6	2096.0	2.3	3.0	2.6



Yearly Averages

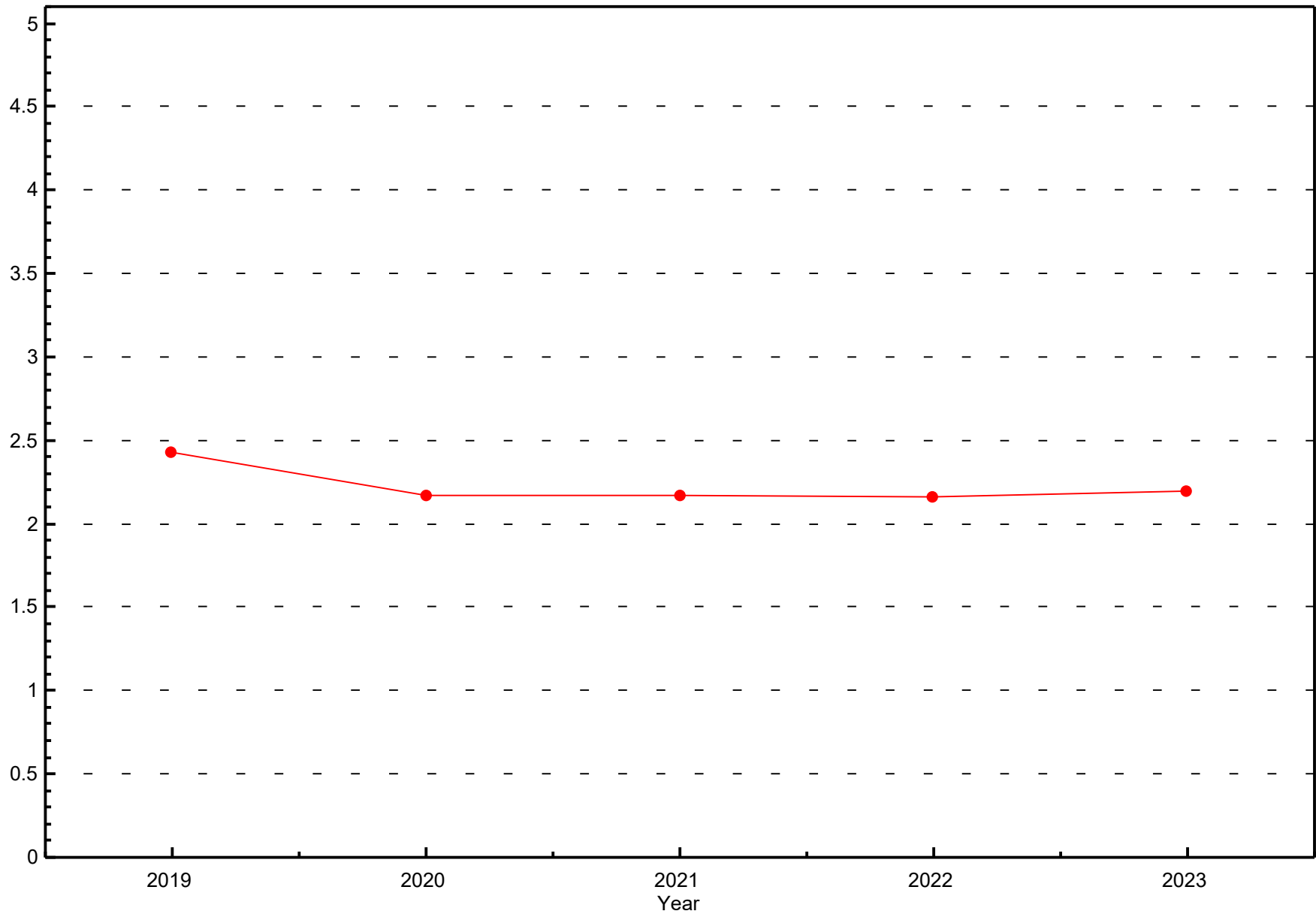
Total Hydrocarbons (THC) - ppm
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

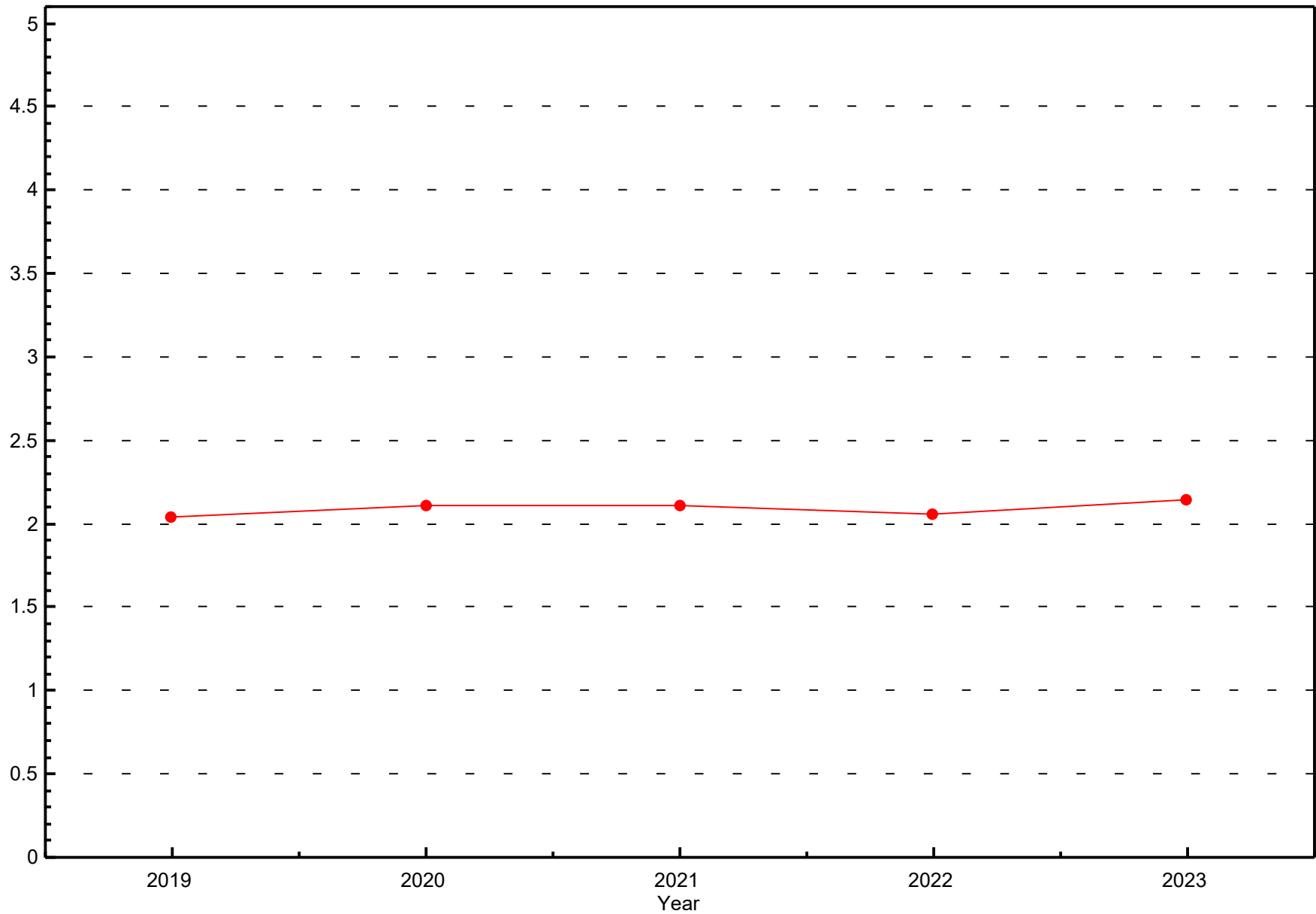
Total Hydrocarbons (THC) - ppm
Mildred Lake (2019 to 2023)





Yearly Averages

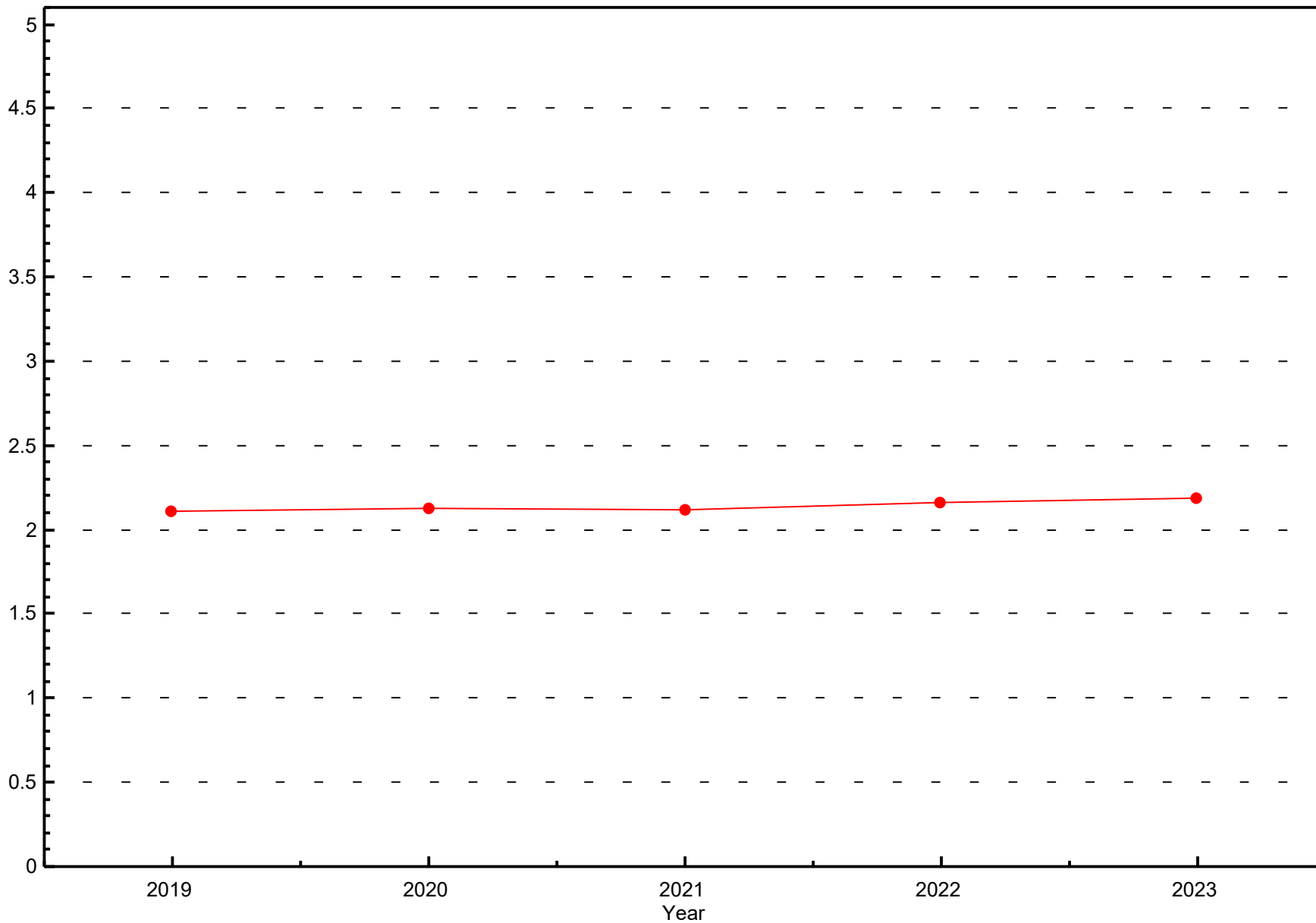
Total Hydrocarbons (THC) - ppm
Buffalo Viewpoint (2019 to 2023)





Yearly Averages

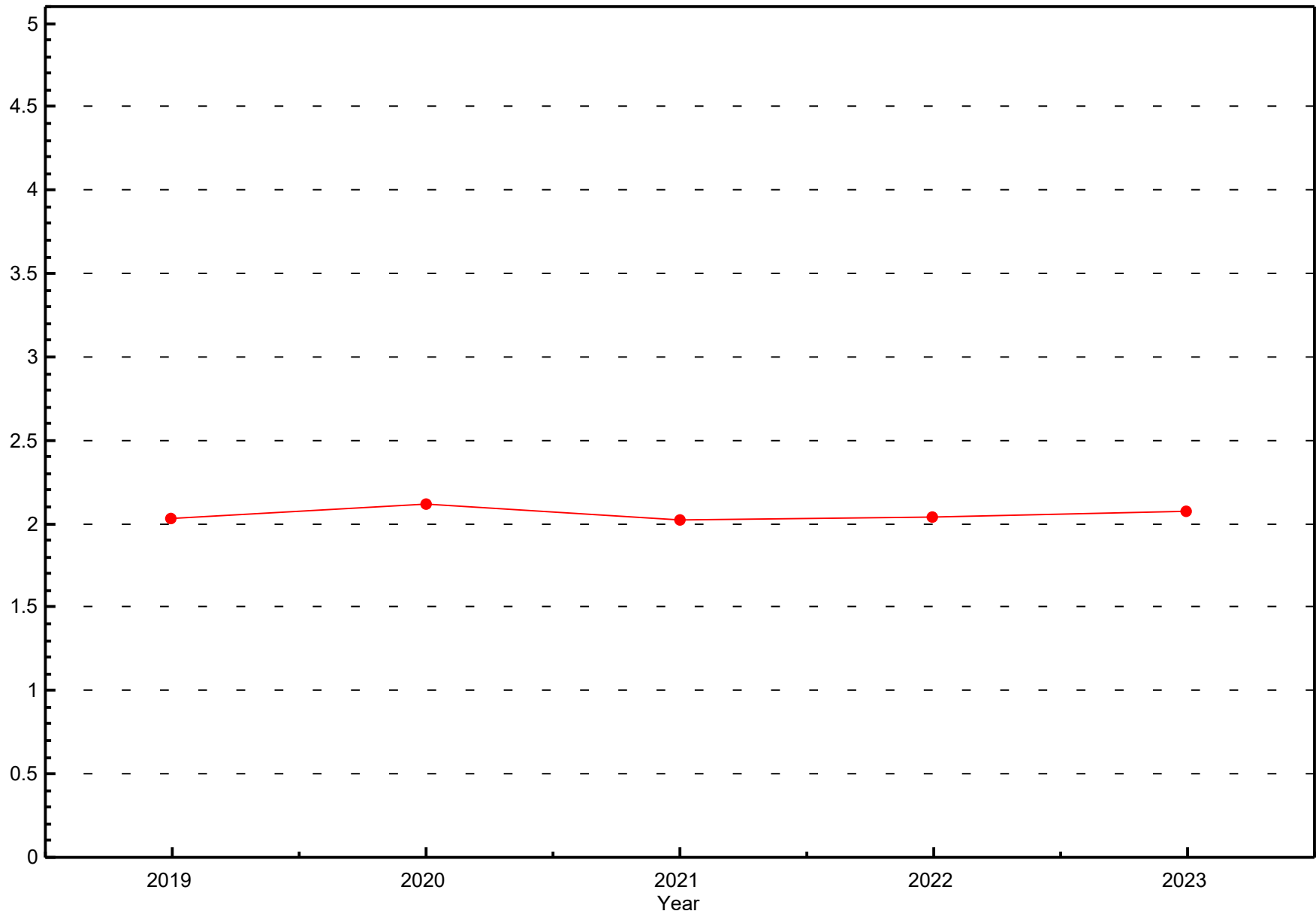
Total Hydrocarbons (THC) - ppm
Mannix (2019 to 2023)





Yearly Averages

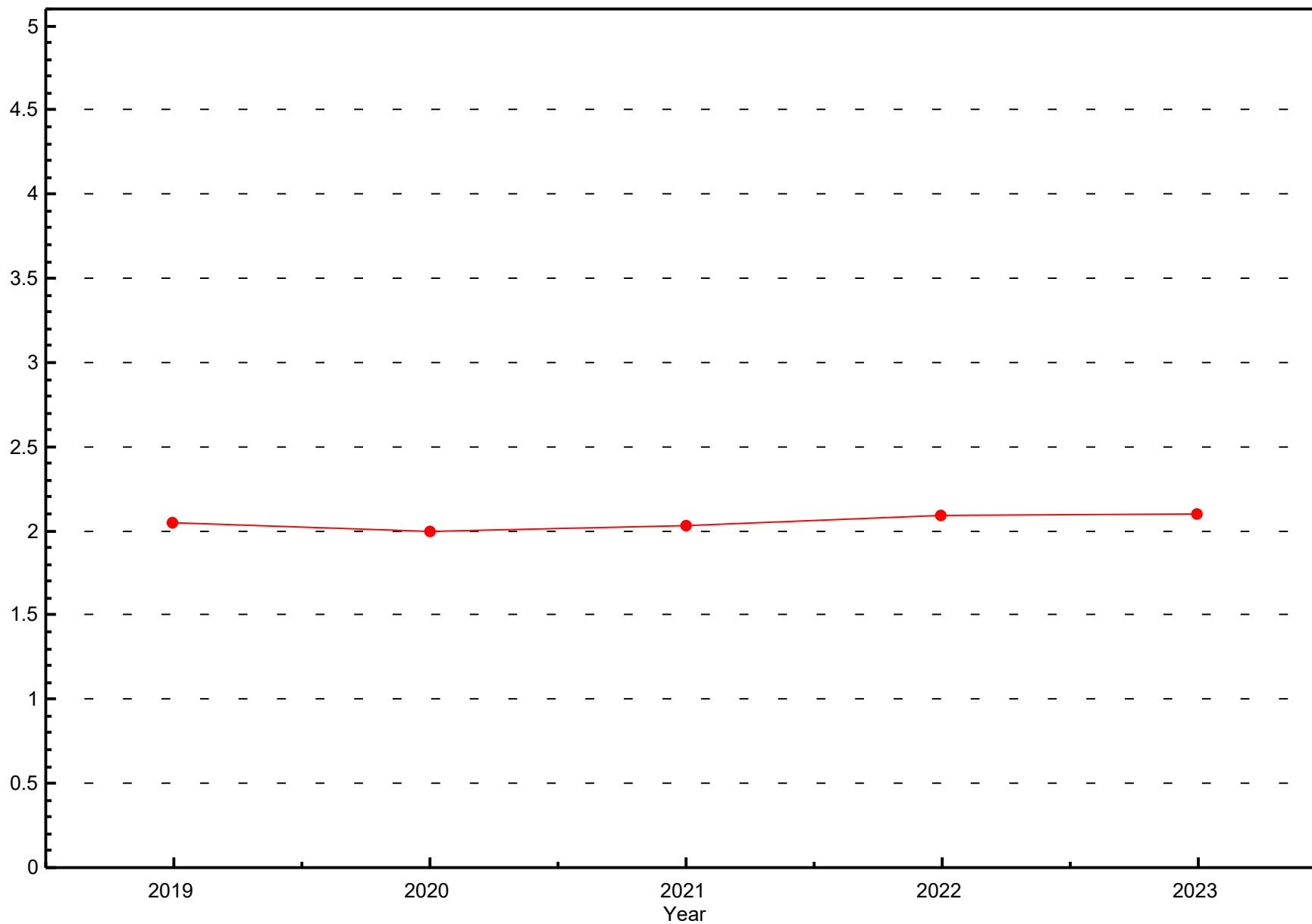
Total Hydrocarbons (THC) - ppm
Patricia McInnes (2019 to 2023)





Yearly Averages

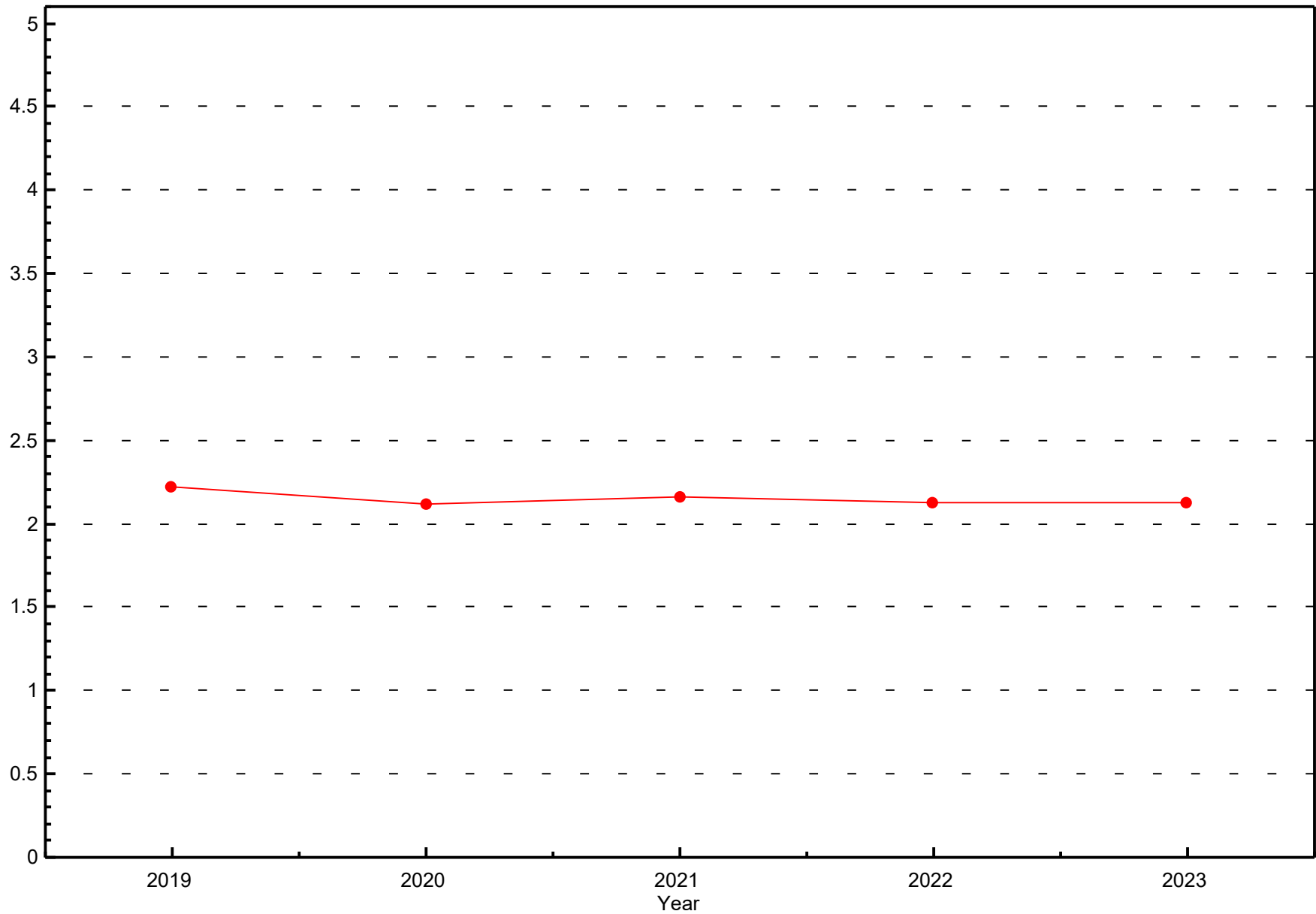
Total Hydrocarbons (THC) - ppm
Athabasca Valley (2019 to 2023)





Yearly Averages

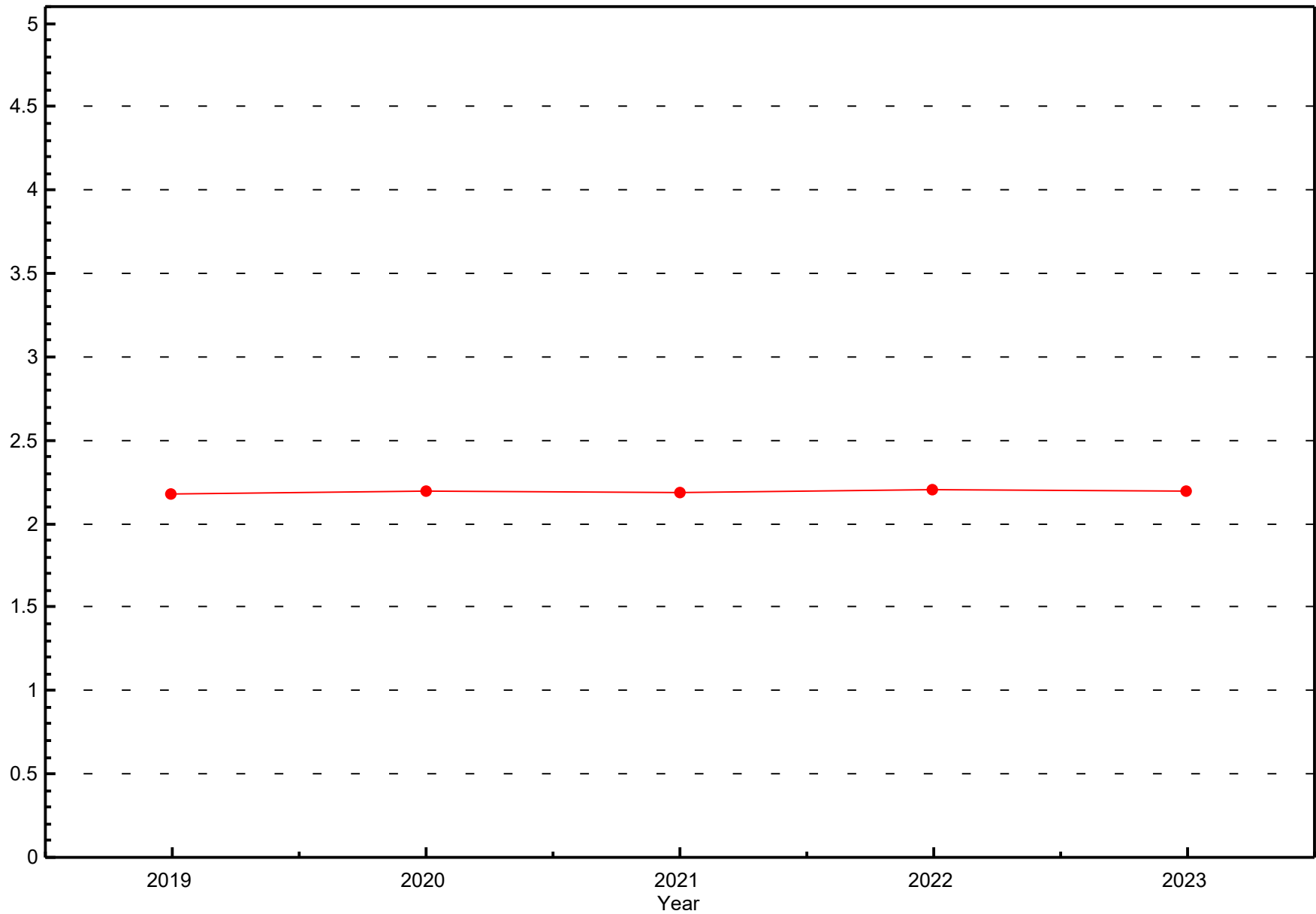
Total Hydrocarbons (THC) - ppm
Barge Landing (2019 to 2023)





Yearly Averages

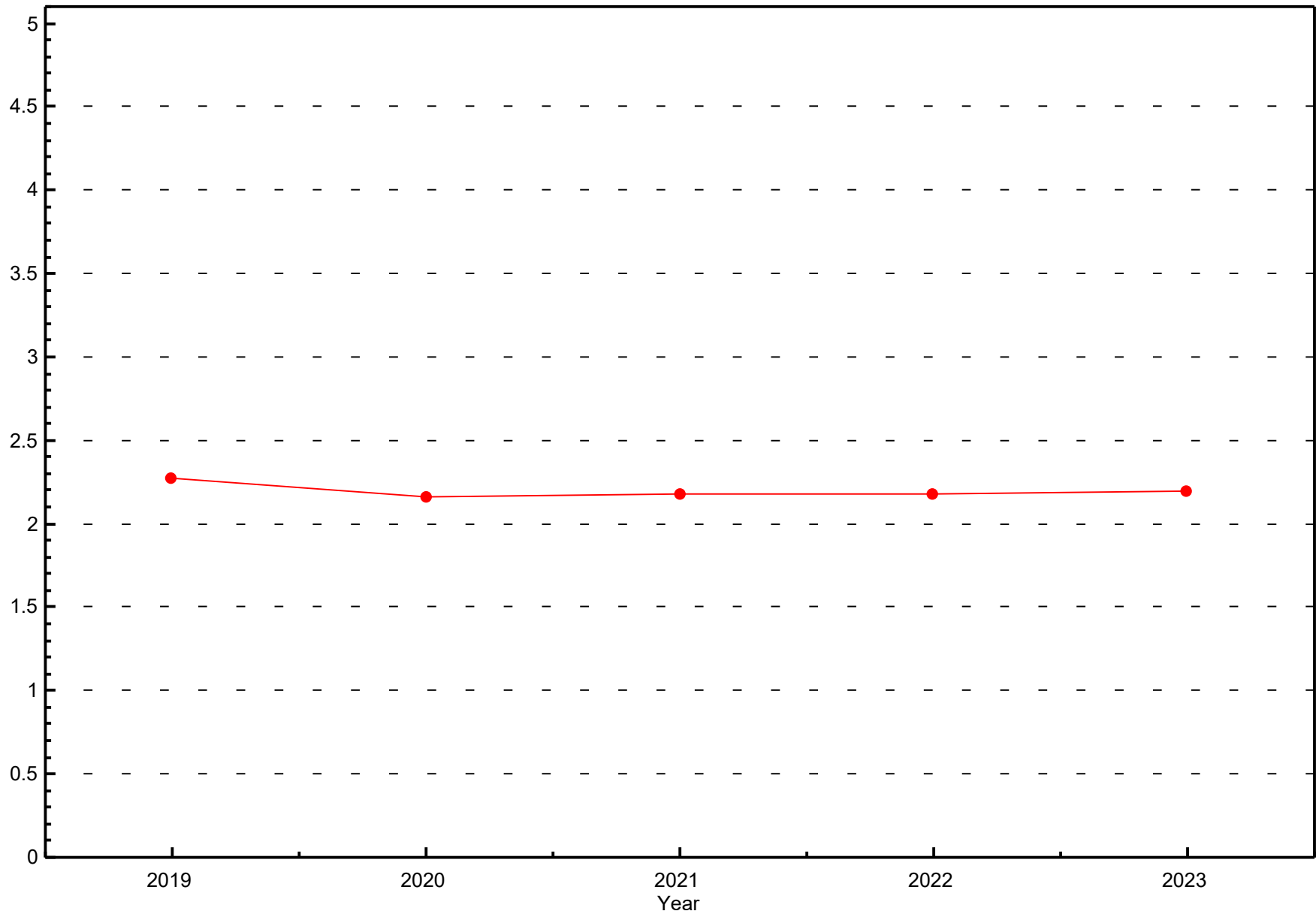
Total Hydrocarbons (THC) - ppm
Lower Camp (2019 to 2023)





Yearly Averages

Total Hydrocarbons (THC) - ppm
Fort McKay South (2019 to 2023)

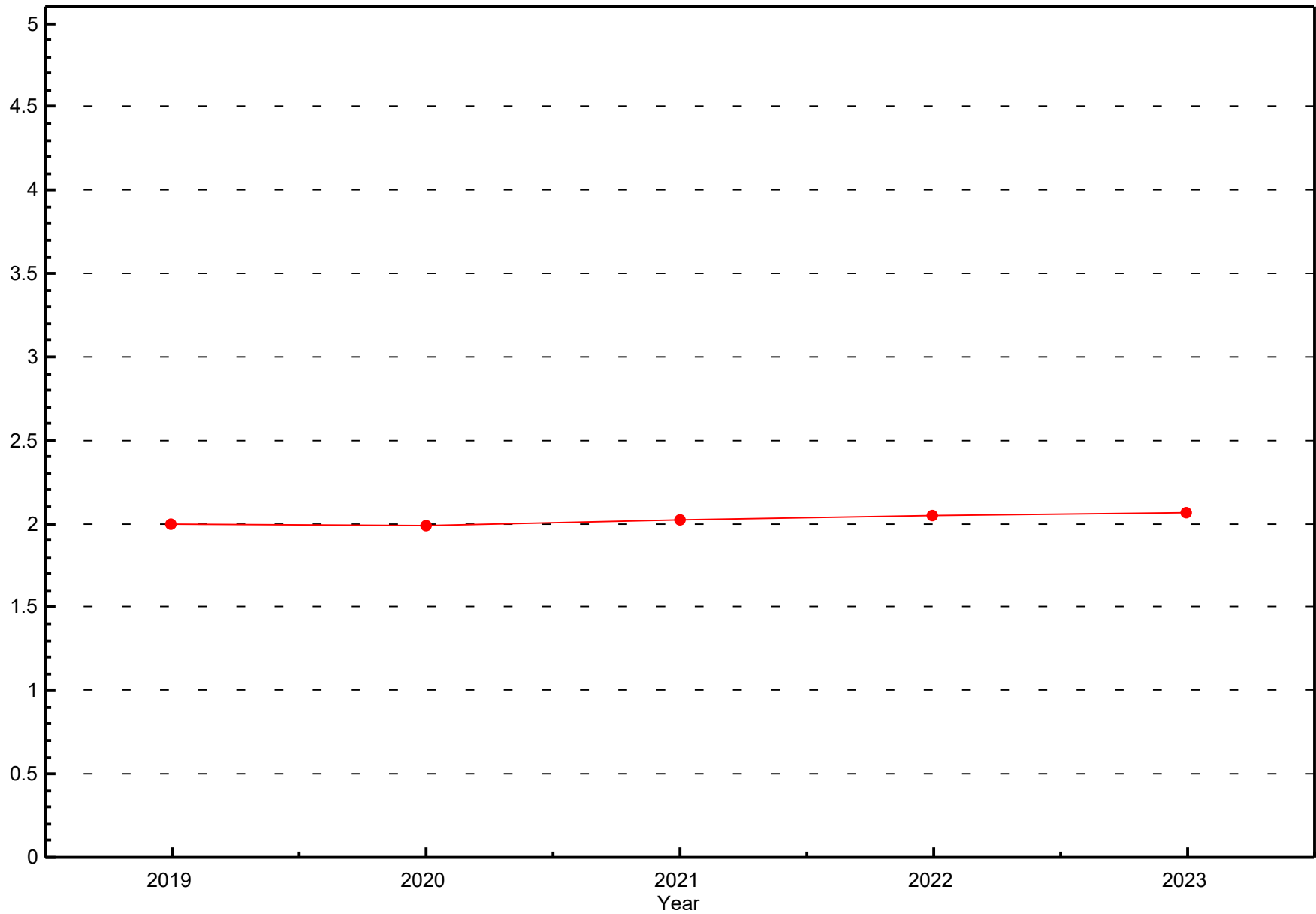




Yearly Averages

Total Hydrocarbons (THC) - ppm

Anzac (2019 to 2023)

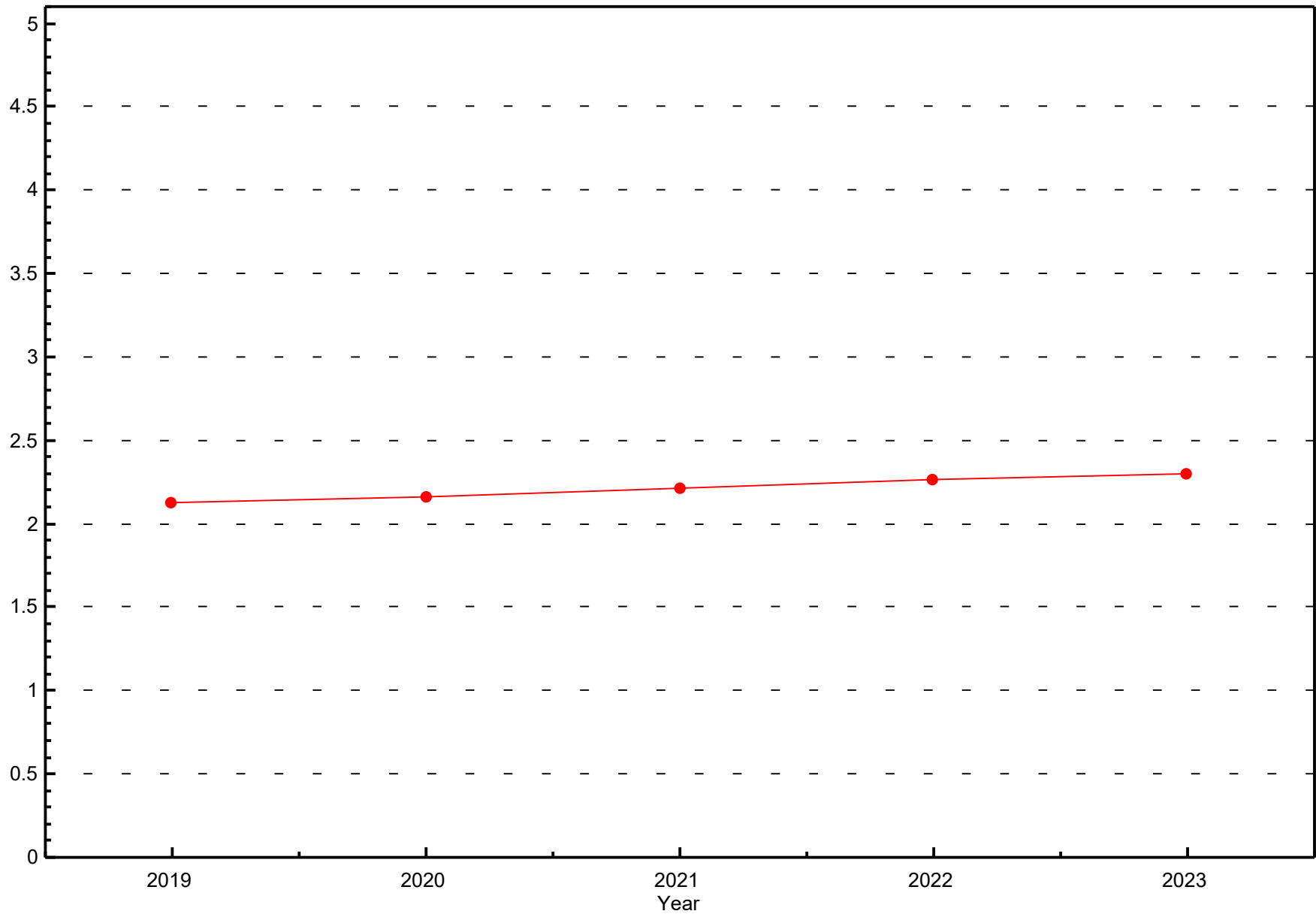




Yearly Averages

Total Hydrocarbons (THC) - ppm

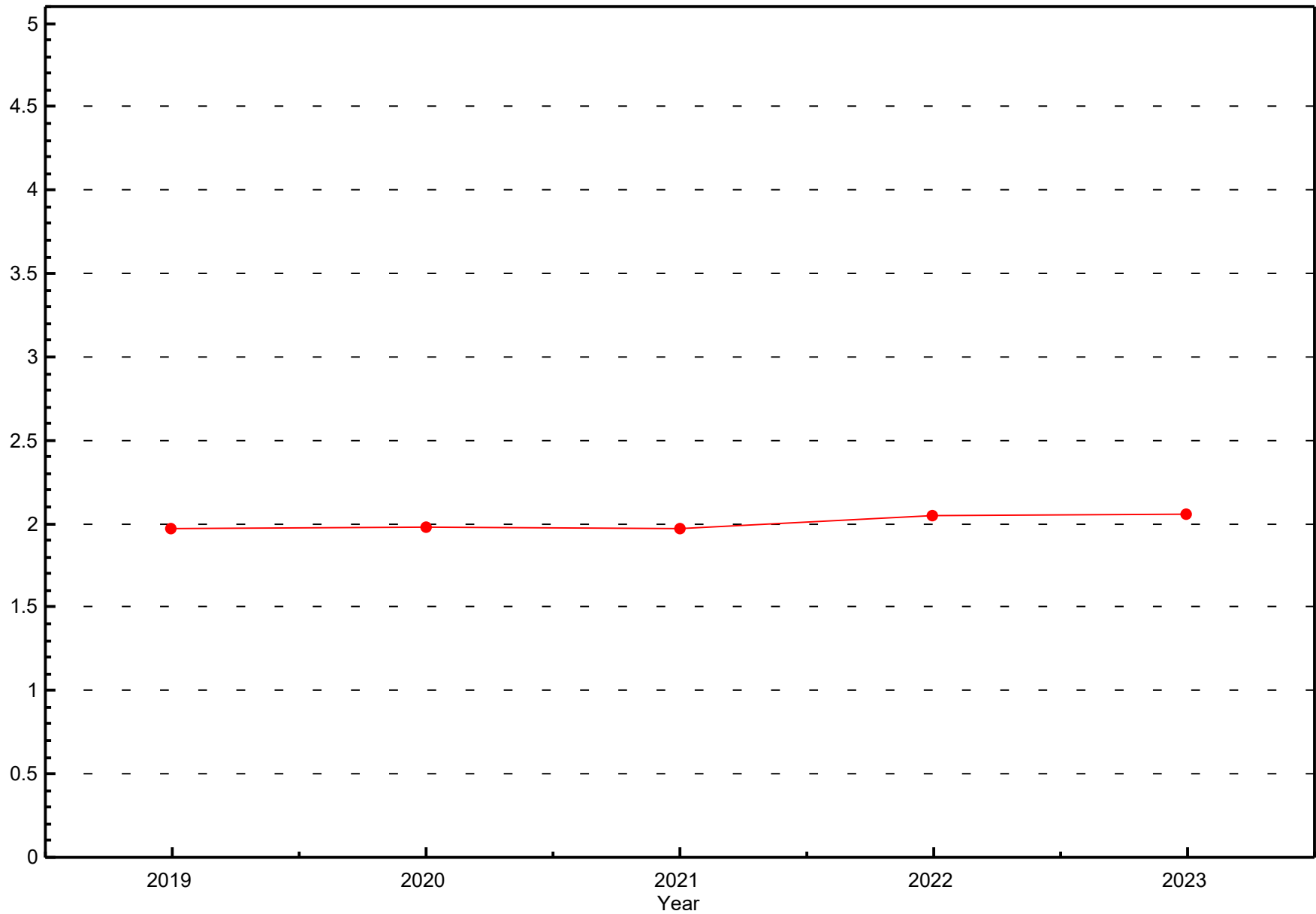
Wapasu (2019 to 2023)





Yearly Averages

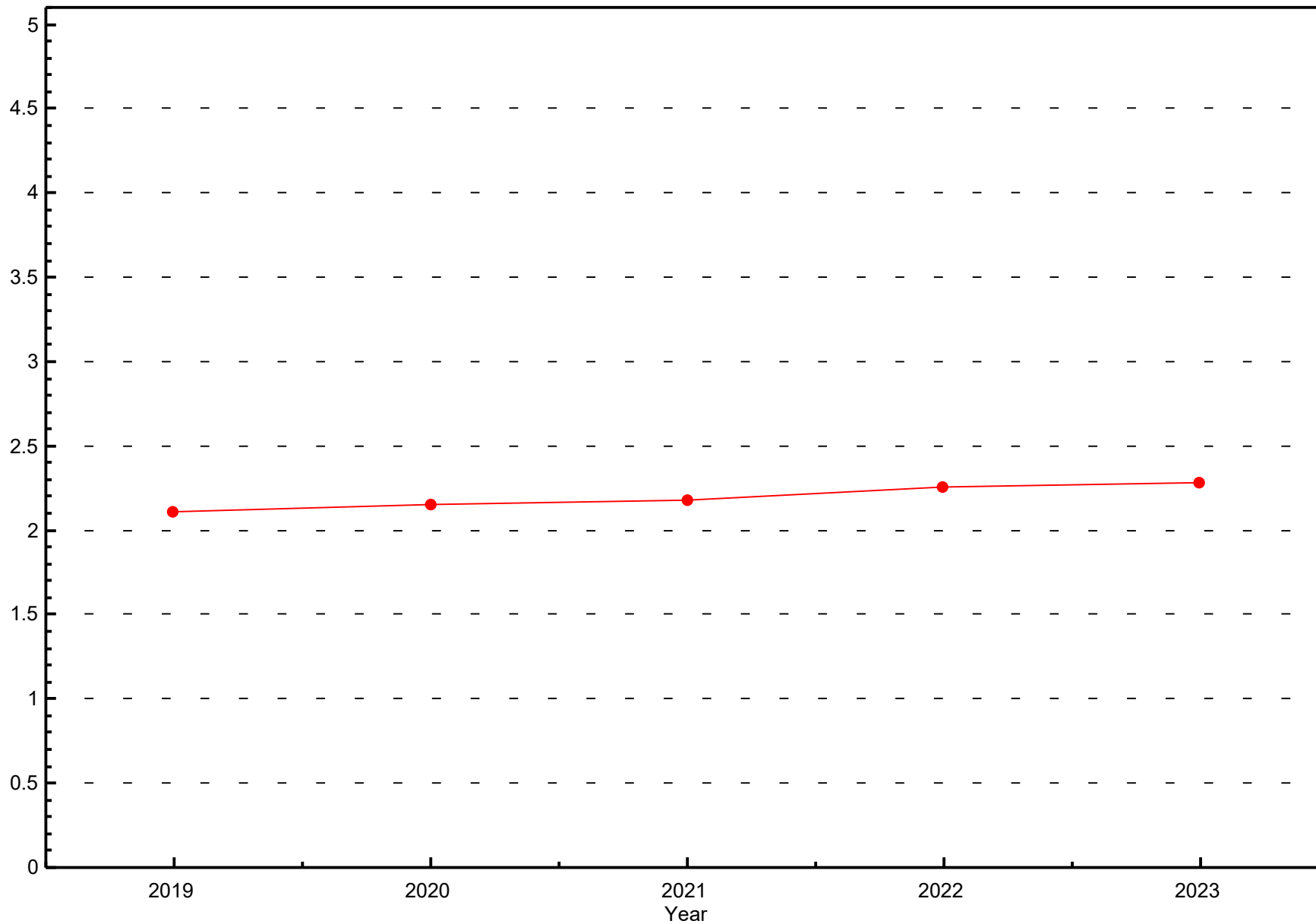
Total Hydrocarbons (THC) - ppm
Stony Mountain (2019 to 2023)





Yearly Averages

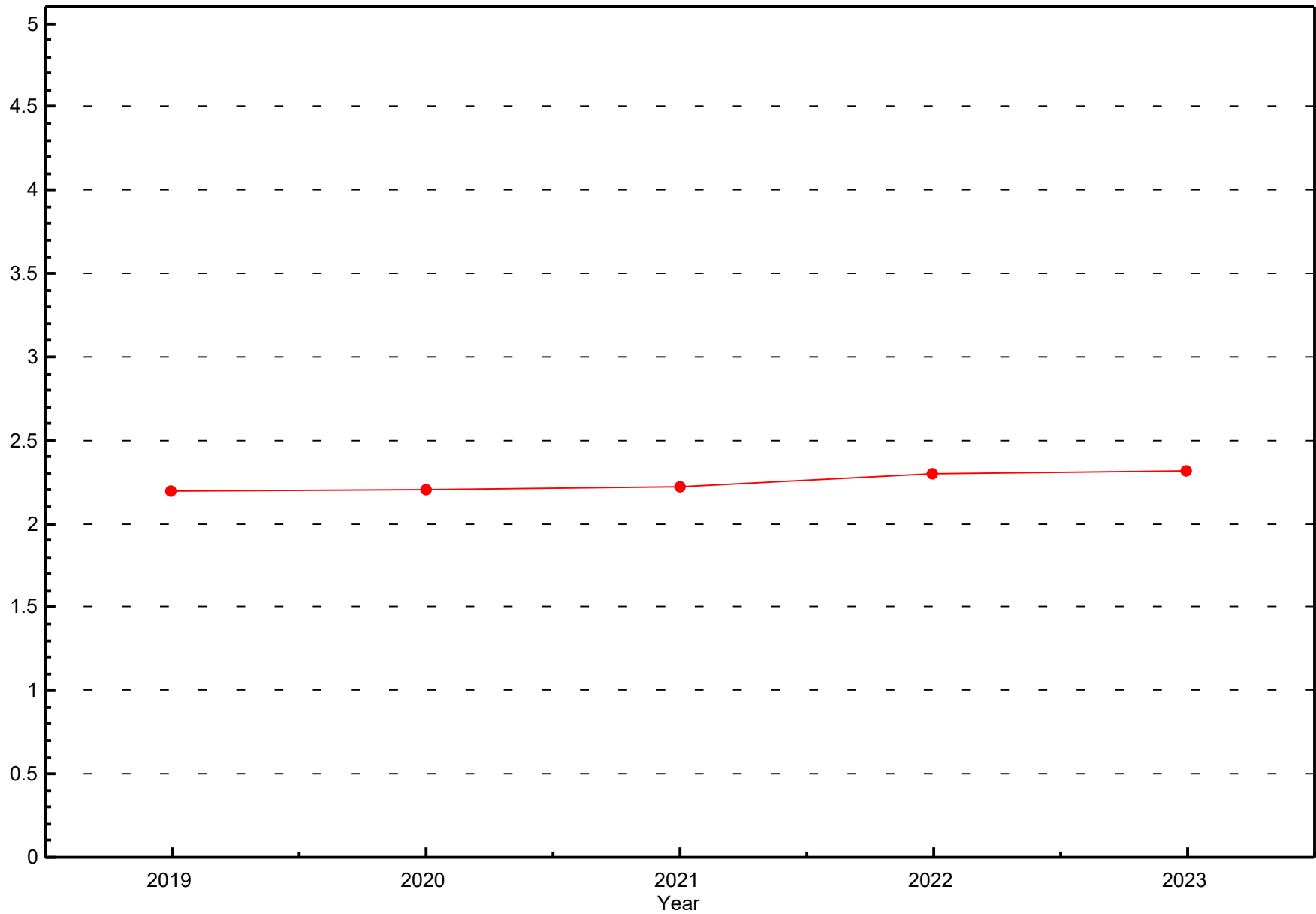
Total Hydrocarbons (THC) - ppm
Firebag (2019 to 2023)





Yearly Averages

Total Hydrocarbons (THC) - ppm
Mackay River (2019 to 2023)

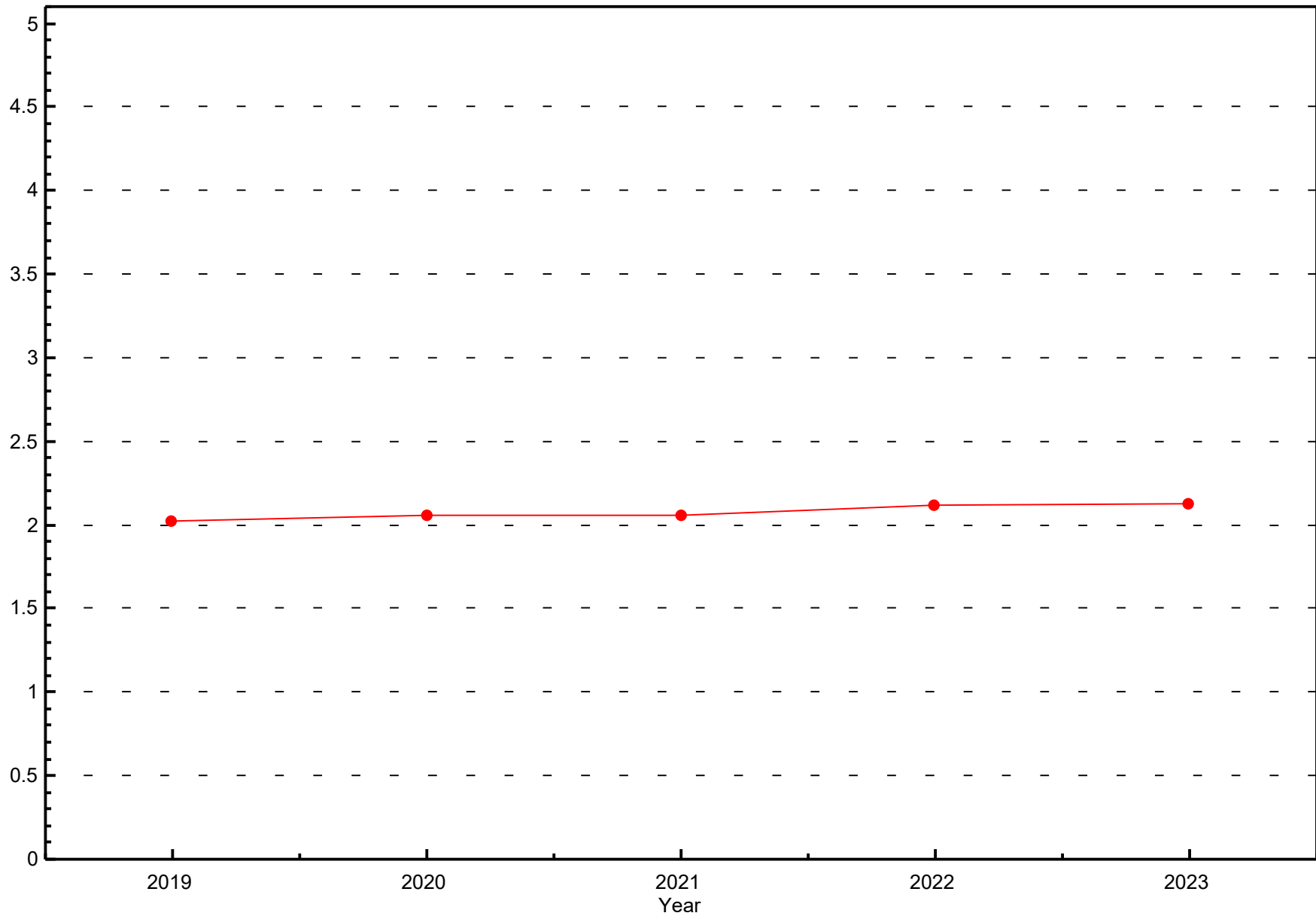




Yearly Averages

Total Hydrocarbons (THC) - ppm

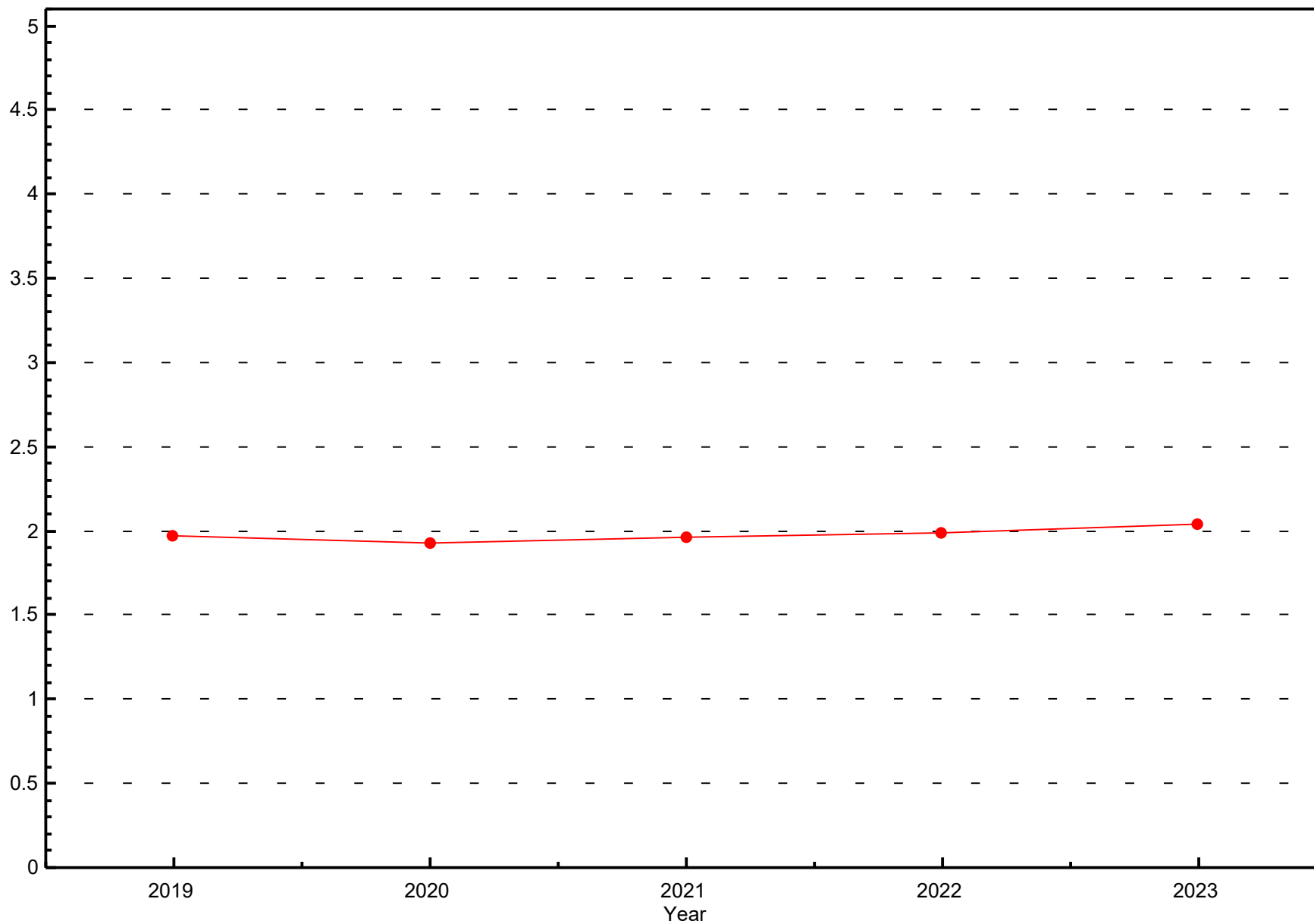
Conklin (2019 to 2023)





Yearly Averages

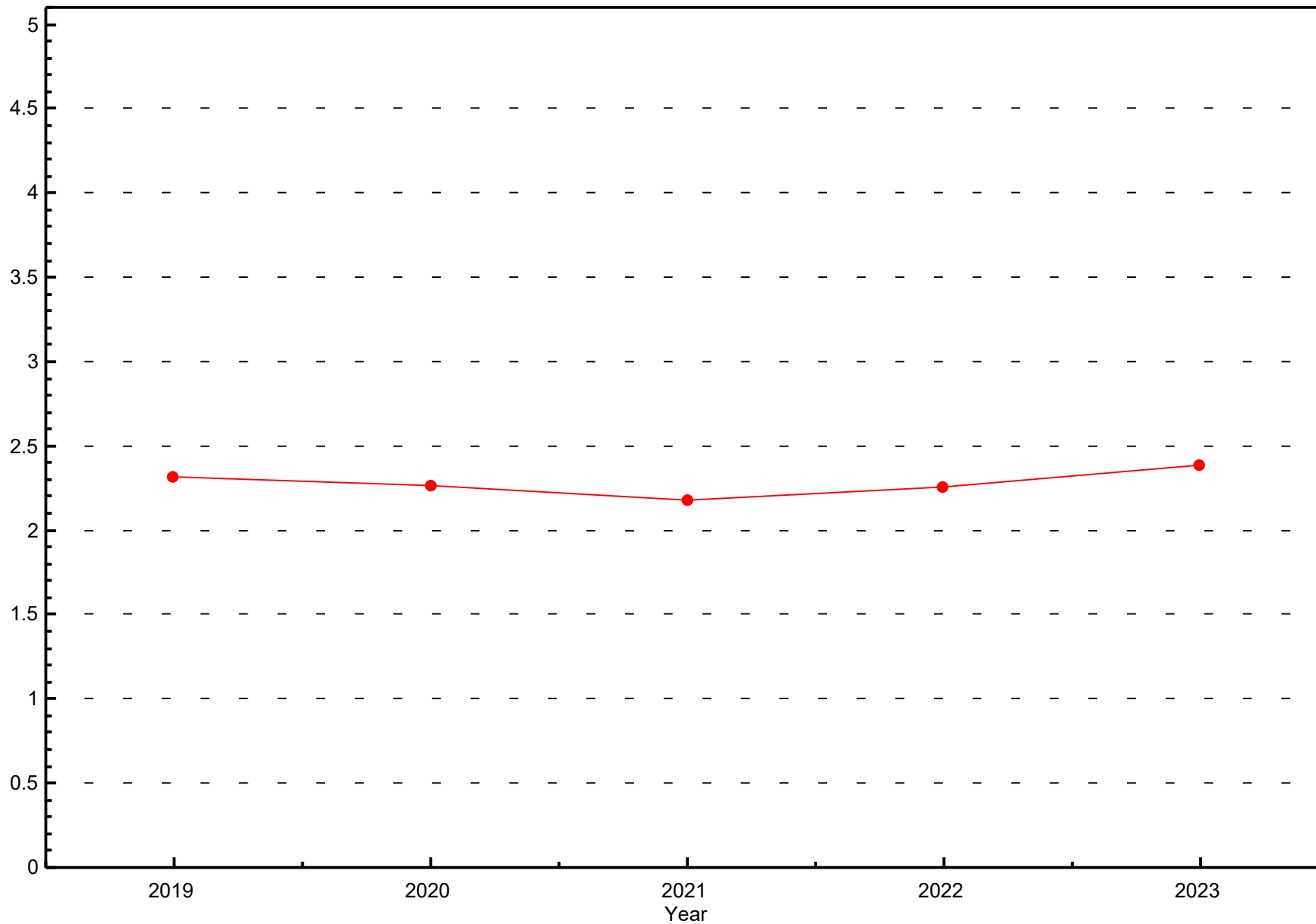
Total Hydrocarbons (THC) - ppm
Janvier (2019 to 2023)





Yearly Averages

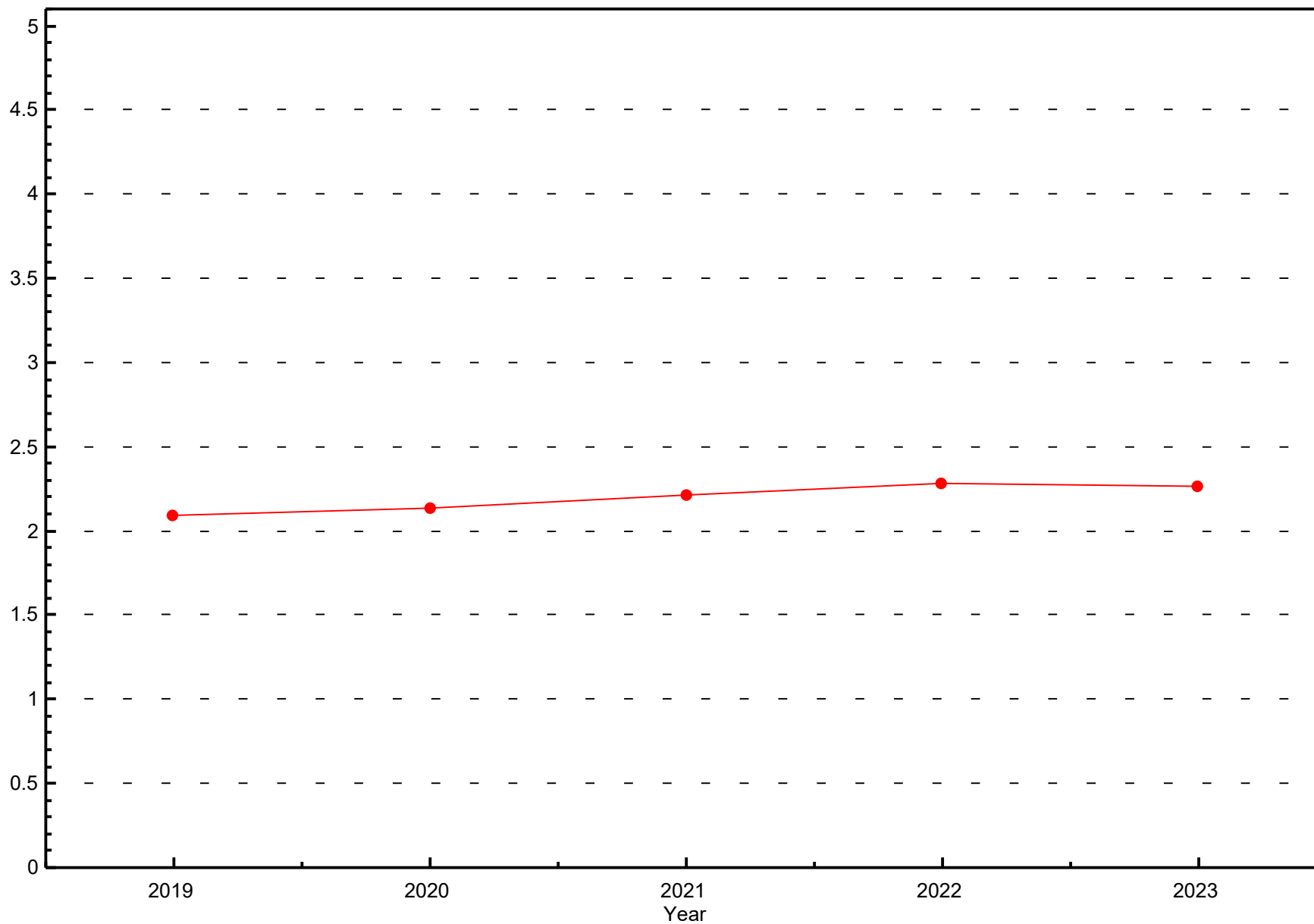
Total Hydrocarbons (THC) - ppm
Fort Hills (2019 to 2023)





Yearly Averages

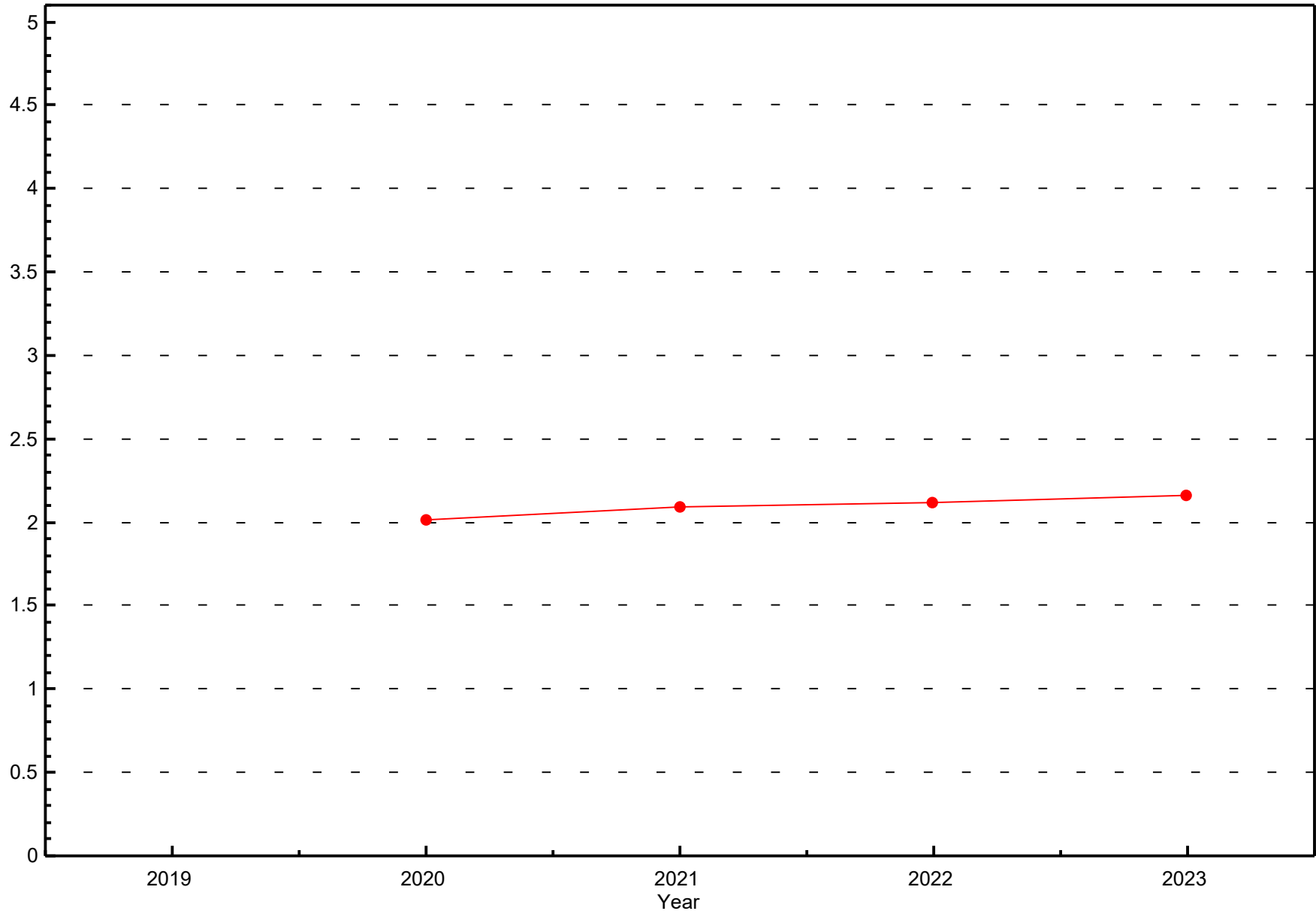
Total Hydrocarbons (THC) - ppm
Surmont 2 (2019 to 2023)





Yearly Averages

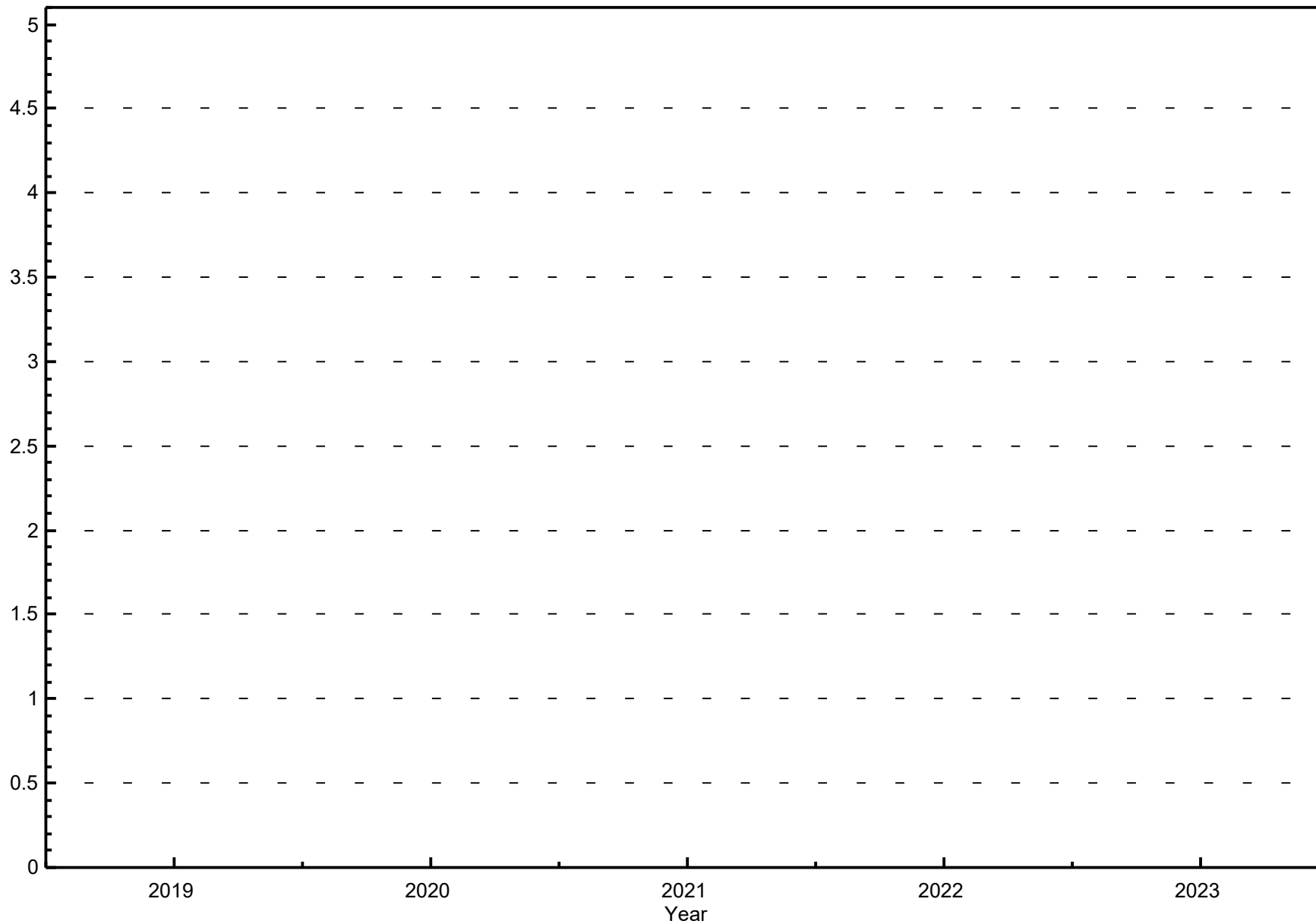
Total Hydrocarbons (THC) - ppm
Ells River (2019 to 2023)





Yearly Averages

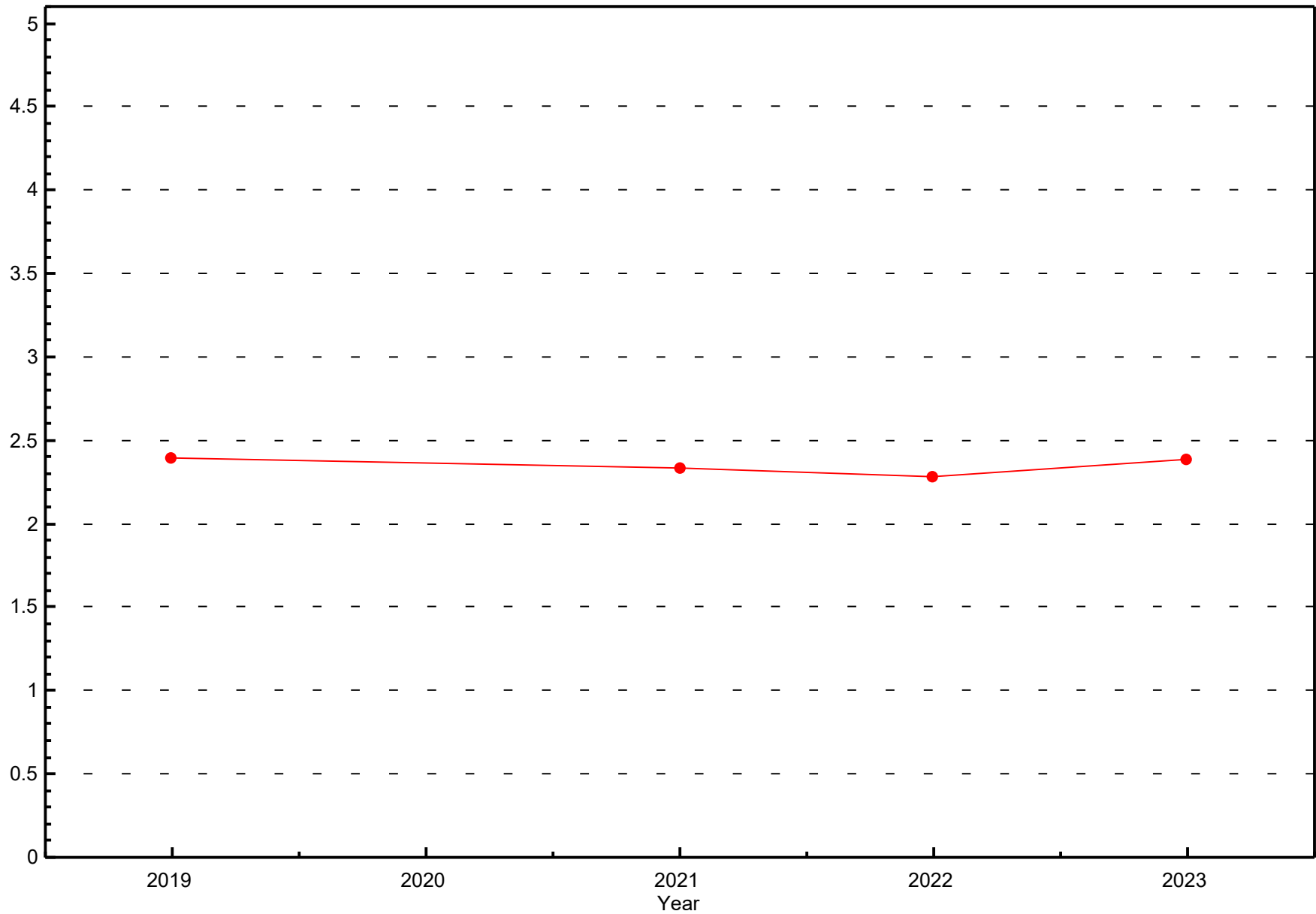
Total Hydrocarbons (THC) - ppm
Sawbones Bay (2019 to 2023)





Yearly Averages

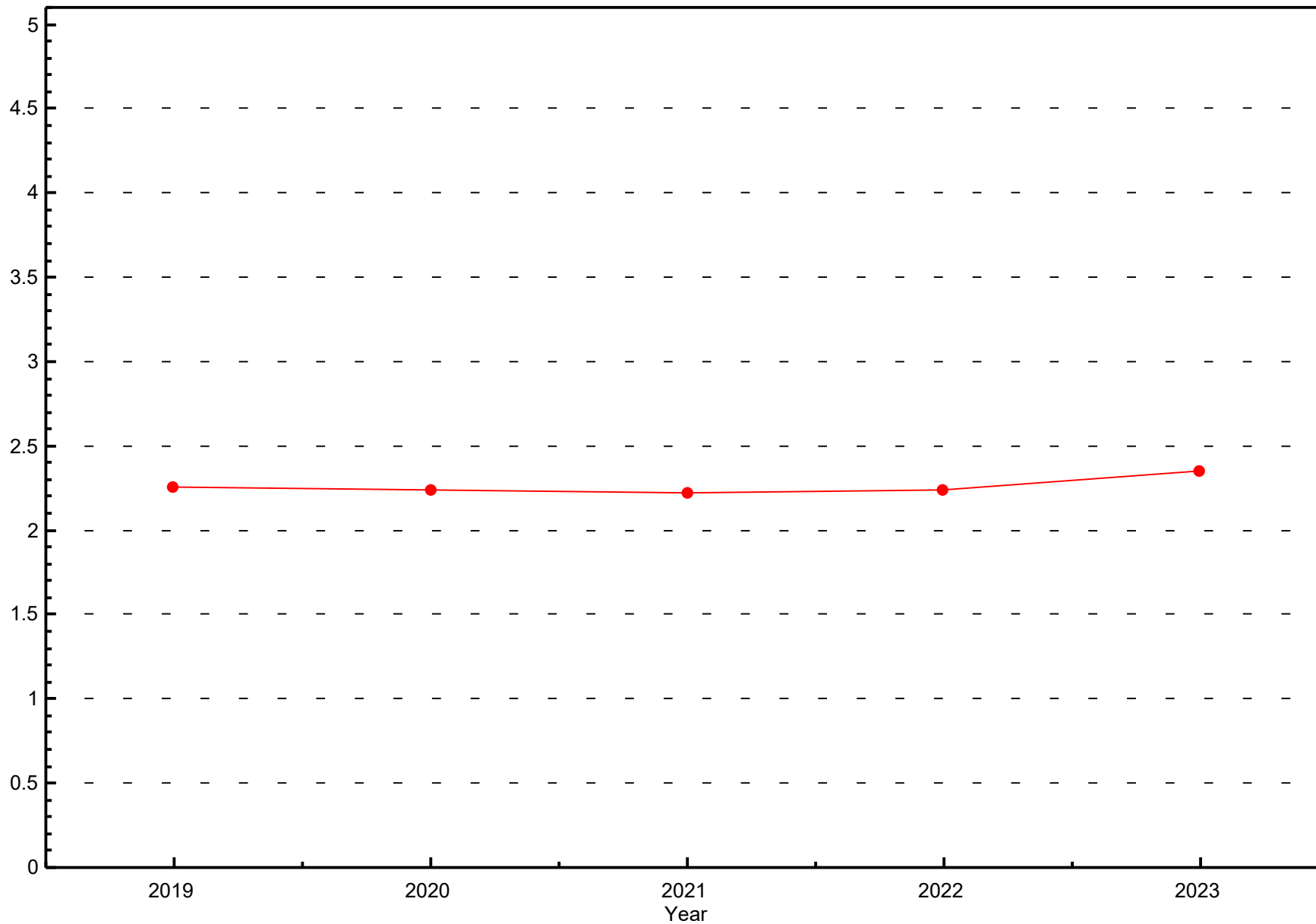
Total Hydrocarbons (THC) - ppm
Kirby South (2019 to 2023)





Yearly Averages

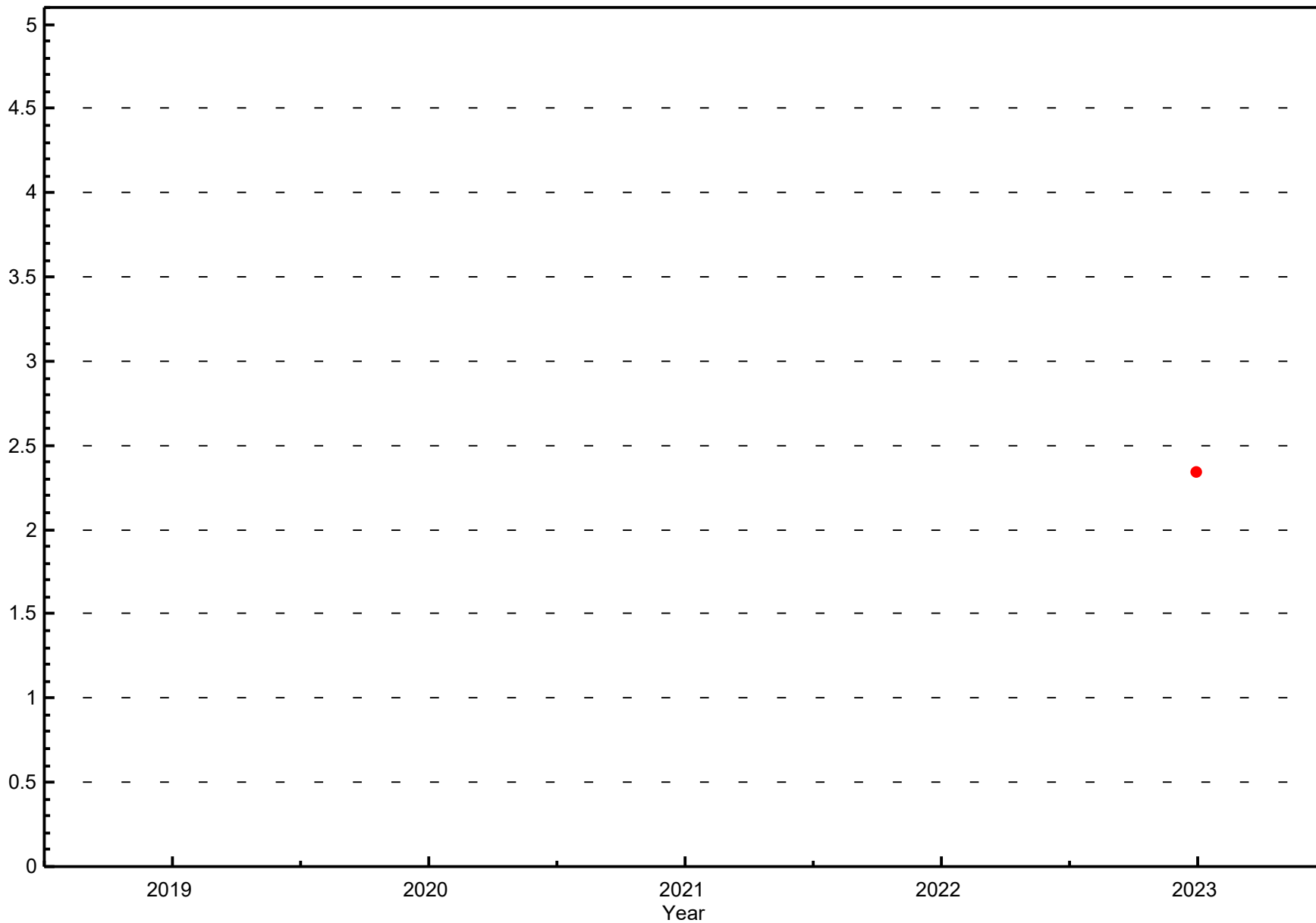
Total Hydrocarbons (THC) - ppm
Kirby North (2019 to 2023)





Yearly Averages

Total Hydrocarbon (THC) - ppm
Blackgold (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

NON-METHANE HYDROCARBONS ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	96	680	0.0771	0.4455	0.2289
February	100	634	0.0570	0.3753	0.1921
March	100	706	0.0424	1.3886	0.1322
April	95	647	0.0268	0.5639	0.0972
May	100	705	0.0650	0.5383	0.2080
June	99	677	0.0782	1.1491	0.1952
July	100	707	0.0668	0.3853	0.2152
August	100	706	0.0796	0.6570	0.2599
September	100	684	0.0598	0.4289	0.2045
October	99	703	0.0269	0.5684	0.1791
November	100	683	0.0374	0.4159	0.2064
December	100	709	0.0566	0.3793	0.1747
Annual	99	8241	0.0563	1.3886	0.2599



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	0.0579	0.3658	0.1487
February	100	641	0.0446	0.3032	0.1515
March	100	707	0.0391	0.4439	0.0905
April	100	685	0.0362	0.5640	0.1149
May	99	704	0.0450	0.5289	0.1279
June	100	682	0.0848	1.6122	0.4060
July	100	706	0.0883	0.6914	0.2054
August	100	707	0.0869	0.6849	0.2332
September	100	682	0.0683	0.6661	0.2529
October	99	703	0.0375	0.6898	0.1308
November	99	682	0.0303	0.4740	0.0916
December	86	602	0.0336	0.8804	0.1395
Annual	98	8210	0.0547	1.6122	0.4060



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	710	0.0067	0.6339	0.0683
February	100	638	0.0021	0.1863	0.0157
March	97	684	0.0131	0.5502	0.1861
April	99	682	0.0420	2.1454	0.1806
May	100	708	0.0721	1.1561	0.3444
June	100	686	0.1183	2.3021	0.3357
July	100	709	0.1487	2.0330	0.3377
August	100	710	0.1061	1.1733	0.5748
September	100	686	0.0500	0.6165	0.2374
October	100	710	0.0176	1.2299	0.1734
November	100	686	0.0151	0.5417	0.0863
December	100	707	0.0176	0.6558	0.2224
Annual	100	8316	0.0513	2.3021	0.5748



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	708	0.0640	1.0643	0.2653
February	100	641	0.0593	0.7212	0.1719
March	98	696	0.0458	0.9873	0.1552
April	100	686	0.0329	0.8232	0.1656
May	97	690	0.0592	0.9871	0.2190
June	100	686	0.1208	1.9955	0.3154
July	100	708	0.2146	3.2462	0.5011
August	100	708	0.1452	2.8016	0.7459
September	100	682	0.0484	0.7894	0.2254
October	100	708	0.0272	0.7908	0.1883
November	99	682	0.0303	0.7518	0.1468
December	100	709	0.0307	0.9985	0.3701
Annual	100	8304	0.0736	3.2462	0.7459



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	0.0081	0.3451	0.1222
February	91	577	0.0021	0.1532	0.0209
March	100	705	0.0025	0.2644	0.0196
April	97	662	0.0003	0.0393	0.0018
May	98	695	0.0019	0.1857	0.0280
June	95	649	0.0039	0.1633	0.0252
July	92	644	0.0130	0.1271	0.0337
August	100	703	0.0301	0.2252	0.0951
September	100	684	0.0304	0.1542	0.1062
October	100	708	0.0207	0.0695	0.0363
November	100	686	0.0288	0.4552	0.0560
December	100	708	0.0352	0.4828	0.0808
Annual	98	8130	0.0151	0.4828	0.1222



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	0.0263	1.3068	0.2324
February	100	639	0.0103	0.4713	0.0869
March	100	709	0.0041	0.2018	0.0448
April	100	683	0.0011	0.0934	0.0059
May	100	707	0.0131	0.4495	0.1265
June	91	621	0.0167	0.3711	0.0734
July	91	639	0.0344	0.7134	0.2451
August	95	672	0.0397	0.8718	0.4419
September	91	624	0.0064	0.3194	0.0343
October	99	704	0.0043	0.4330	0.0787
November	97	662	0.0036	0.2458	0.0126
December	96	683	0.0094	0.2863	0.1230
Annual	97	8052	0.0141	1.3068	0.4419



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	0.0218	1.2684	0.1466
February	99	635	0.0212	0.5858	0.0909
March	78	546	0.0227	0.8703	0.1335
April	99	677	0.0149	0.3038	0.0579
May	100	708	0.0431	0.7034	0.1573
June	99	680	0.0579	0.5428	0.1441
July	93	660	0.0599	0.3626	0.1500
August	99	699	0.0686	0.7156	0.2005
September	100	685	0.0417	0.3220	0.1340
October	99	700	0.0164	0.5710	0.1001
November	93	636	0.0121	0.2589	0.0966
December	100	710	0.0114	0.3231	0.0682
Annual	97	8045	0.0329	1.2684	0.2005



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	0.0226	0.2388	0.0712
February	100	638	0.0125	0.2906	0.0546
March	100	705	0.0100	0.2020	0.0507
April	99	683	0.0043	0.2494	0.0215
May	99	705	0.0192	0.1755	0.0812
June	100	686	0.0393	0.5230	0.1446
July	99	699	0.0568	0.5839	0.1119
August	99	704	0.0475	0.2759	0.1304
September	100	687	0.0199	0.2104	0.1163
October	100	709	0.0030	0.1057	0.0242
November	100	684	0.0068	0.0972	0.0429
December	100	709	0.0234	0.1258	0.0710
Annual	100	8318	0.0222	0.5839	0.1446



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	0.0022	0.2727	0.0402
February	99	637	0.0016	0.1126	0.0209
March	99	698	0.0072	0.5803	0.0565
April	100	686	0.0069	0.4613	0.0890
May	100	709	0.0049	0.1929	0.0423
June	99	676	0.0099	0.6062	0.0664
July	100	709	0.0042	0.1643	0.0150
August	100	708	0.0320	0.6175	0.1803
September	100	685	0.0081	0.3875	0.0506
October	100	708	0.0028	0.4465	0.0426
November	91	626	0.0060	0.2463	0.0768
December	100	709	0.0051	0.5281	0.0585
Annual	99	8260	0.0076	0.6175	0.1803



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	95	677	0.0074	0.6612	0.0405
February	100	641	0.0101	0.4407	0.0654
March	100	709	0.0088	0.6115	0.0714
April	99	681	0.0019	0.1352	0.0174
May	100	708	0.0024	0.1710	0.0174
June	98	674	0.0046	0.2665	0.0471
July	99	703	0.0092	0.2599	0.0702
August	98	693	0.0184	0.4113	0.2092
September	100	683	0.0064	0.3017	0.0802
October	100	707	0.0082	0.4846	0.0543
November	100	684	0.0043	0.8061	0.0593
December	99	705	0.0083	0.5121	0.0570
Annual	99	8265	0.0075	0.8061	0.2092



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	706	0.0001	0.0226	0.0012
February	100	638	0.0000	0.0052	0.0002
March	100	709	0.0001	0.0186	0.0029
April	100	687	0.0000	0.0113	0.0008
May	97	687	0.0007	0.1146	0.0118
June	100	684	0.0000	0.0103	0.0005
July	100	709	0.0024	1.5018	0.0725
August	95	670	0.0008	0.1727	0.0143
September	90	619	0.0006	0.0723	0.0089
October	100	709	0.0002	0.0218	0.0026
November	100	685	0.0006	0.1887	0.0082
December	100	709	0.0003	0.0372	0.0040
Annual	98	8212	0.0005	1.5018	0.0725



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	95	673	0.0163	0.1249	0.0792
February	100	636	0.0026	0.1162	0.0177
March	100	707	0.0006	0.0533	0.0062
April	98	671	0.0002	0.0306	0.0018
May	100	707	0.0006	0.1048	0.0082
June	99	681	0.0002	0.0277	0.0018
July	100	708	0.0002	0.0674	0.0030
August	100	708	0.0001	0.0123	0.0005
September	100	686	0.0003	0.0835	0.0075
October	79	552	0.0019	0.2136	0.0352
November	100	688	0.0001	0.0134	0.0006
December	96	673	0.0027	0.2103	0.0226
Annual	97	8090	0.0021	0.2136	0.0792



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	93	659	0.0002	0.0260	0.0016
February	100	638	0.0004	0.0900	0.0063
March	100	707	0.0001	0.0216	0.0009
April	100	684	0.0001	0.0302	0.0013
May	100	707	0.0012	0.1798	0.0191
June	99	681	0.0033	0.2959	0.0434
July	100	707	0.0013	0.1413	0.0118
August	100	709	0.0049	0.2378	0.0580
September	100	684	0.0050	0.1934	0.0921
October	100	708	0.0002	0.0944	0.0046
November	97	665	0.0013	0.0741	0.0235
December	96	680	0.0033	0.0793	0.0470
Annual	99	8229	0.0018	0.2959	0.0921



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	96	677	0.1155	0.7109	0.3431
February	100	638	0.1130	0.8458	0.2787
March	100	707	0.0938	0.9154	0.3206
April	94	645	0.1401	1.1655	0.2907
May	97	687	0.1822	1.4463	0.3374
June	100	687	0.1476	1.1651	0.4280
July	99	702	0.1641	1.8091	0.3173
August	96	682	0.2091	1.4511	0.8037
September	99	684	0.1831	1.2570	0.3967
October	100	708	0.1516	1.7387	0.6559
November	100	687	0.1390	0.9673	0.4966
December	100	708	0.1174	1.6192	0.4456
Annual	98	8212	0.1464	1.8091	0.8037



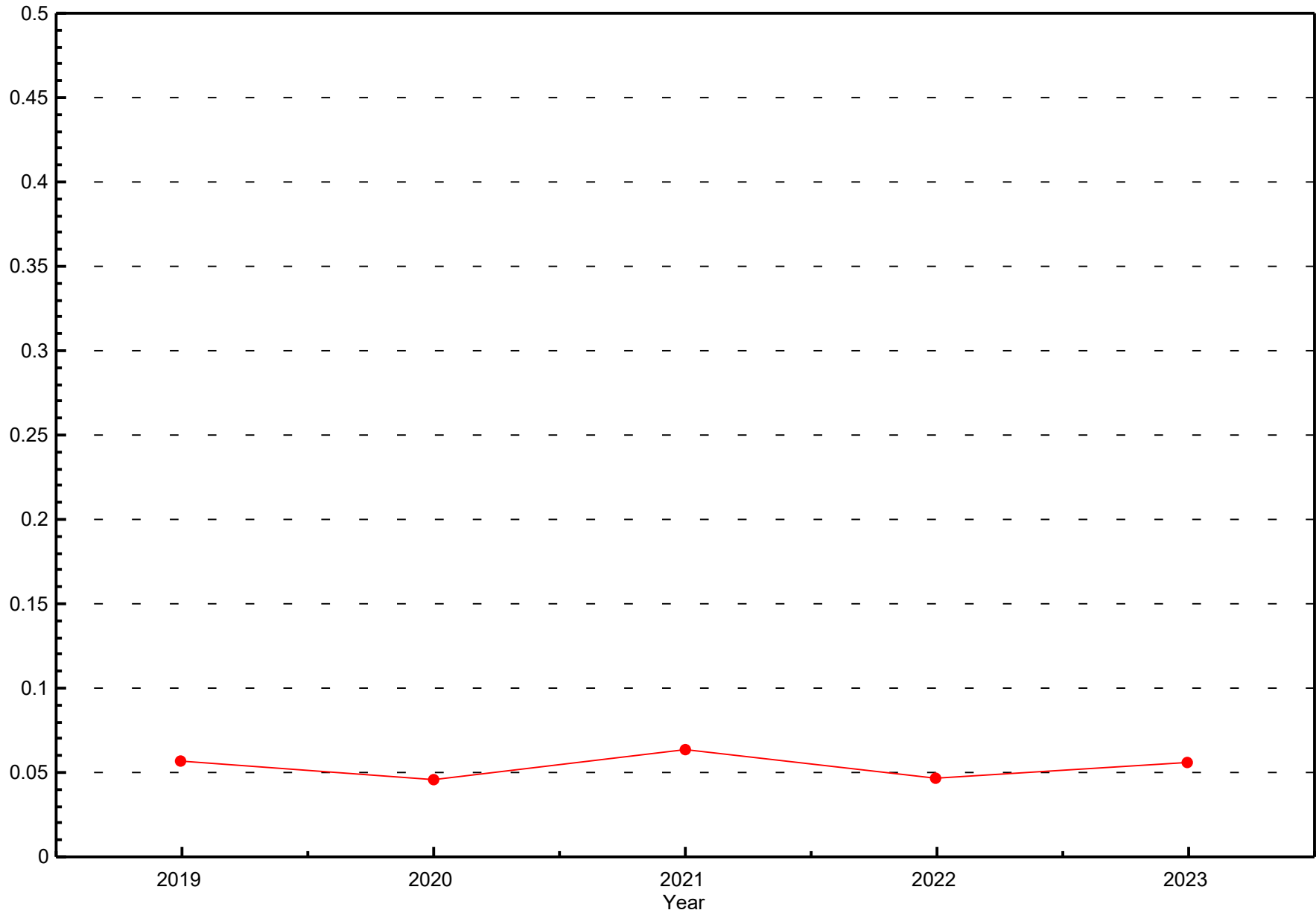
Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Non Methane Hydrocarbons (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	97	688	0.0926	0.8498	0.3530
February	86	544	0.0290	0.8333	0.2909
March	99	703	0.0040	0.2462	0.0297
April	100	685	0.0060	0.3264	0.0662
May	100	708	0.0051	0.2609	0.0613
June	97	665	0.0110	0.6468	0.0833
July	60	423	0.0106	0.2735	0.0646
August	99	704	0.0231	0.4569	0.1845
September	100	687	0.0080	0.2630	0.0497
October	97	686	0.0028	0.2078	0.0271
November	85	584	0.0067	0.2803	0.0445
December	100	707	0.0048	0.3467	0.0898
Annual	93	7784	0.0171	0.8498	0.3530



Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm
Fort McKay - Bertha Ganter (2019 to 2023)

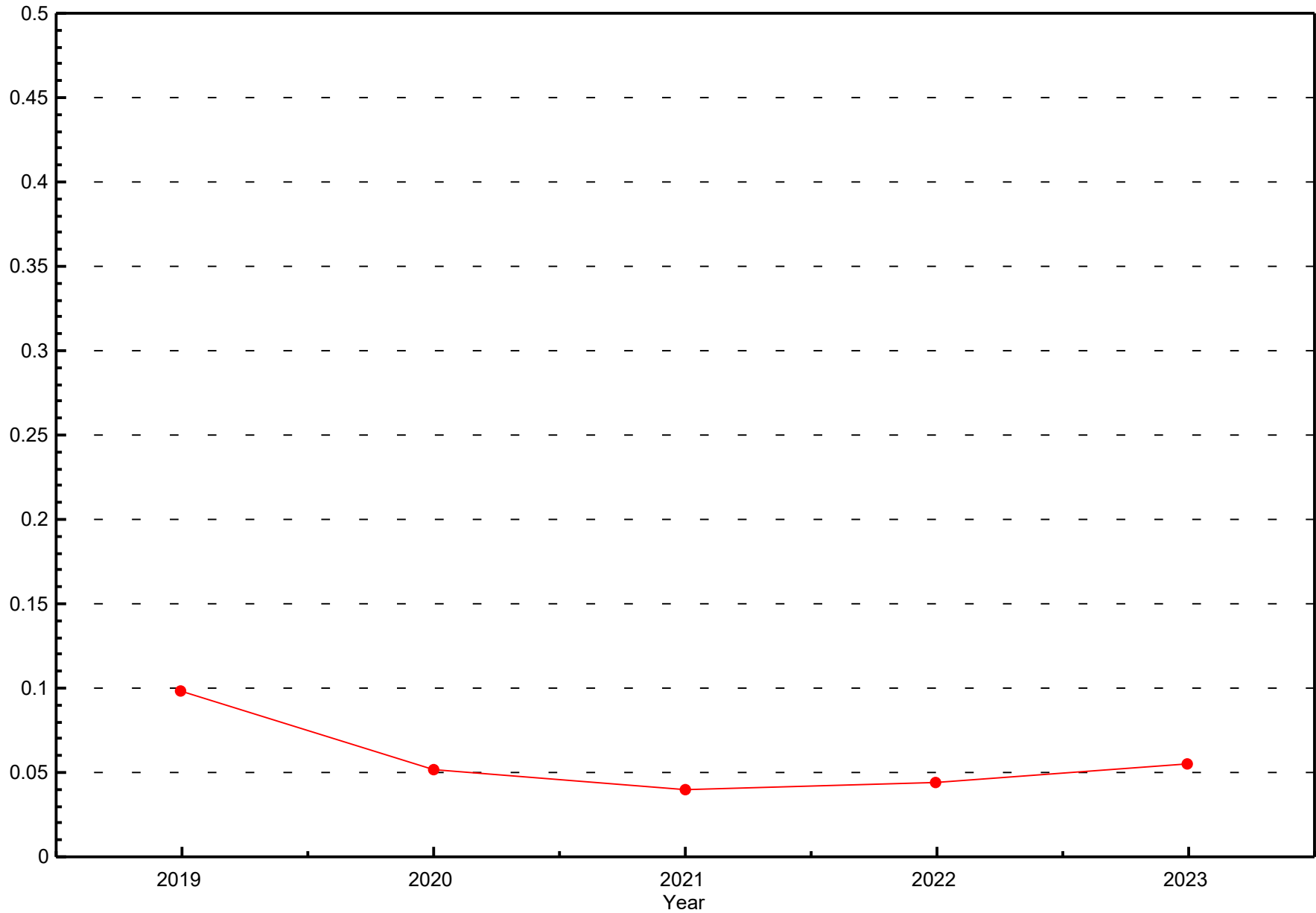




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Mildred Lake (2019 to 2023)

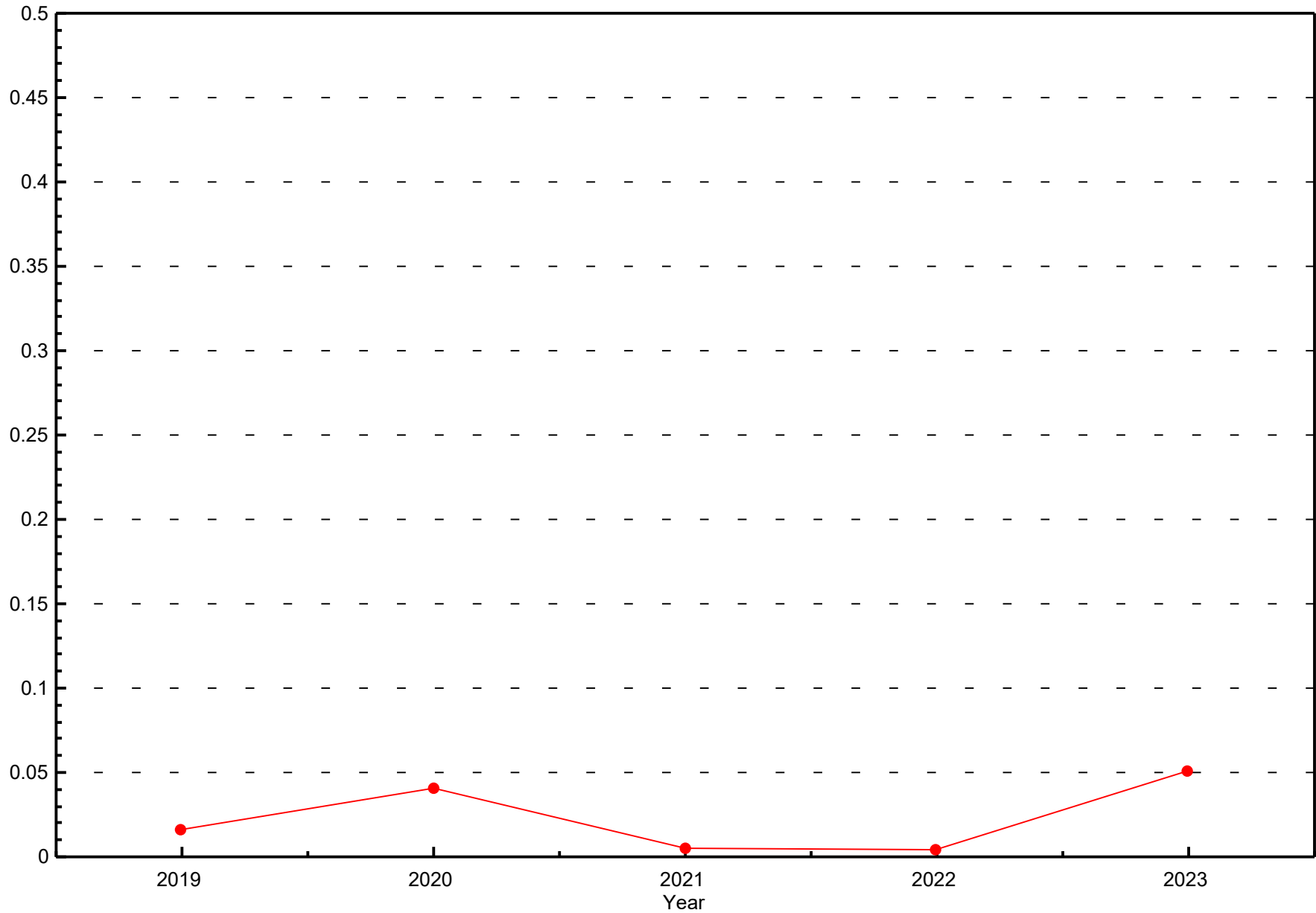




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Buffalo Viewpoint (2019 to 2023)

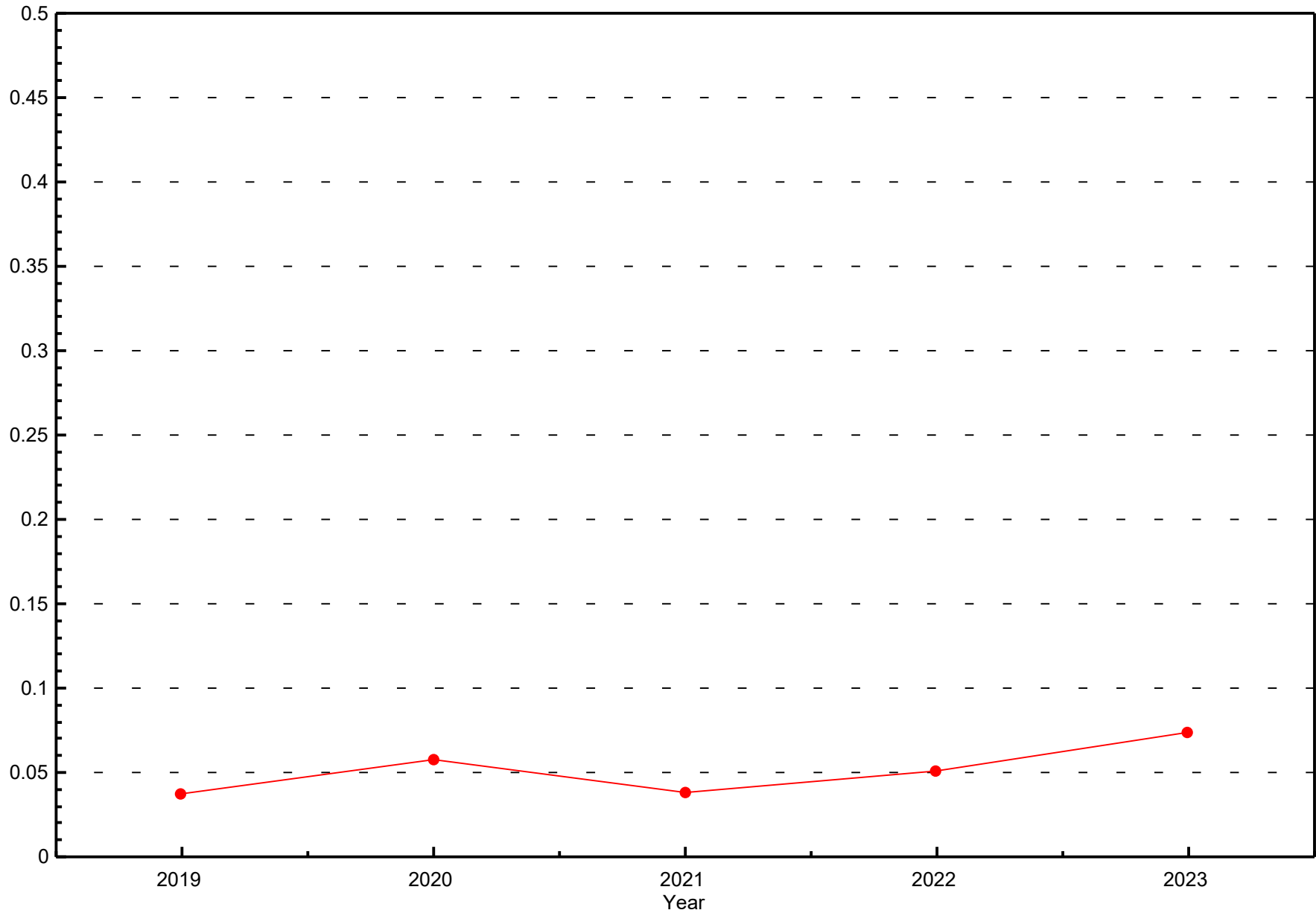




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Mannix (2019 to 2023)

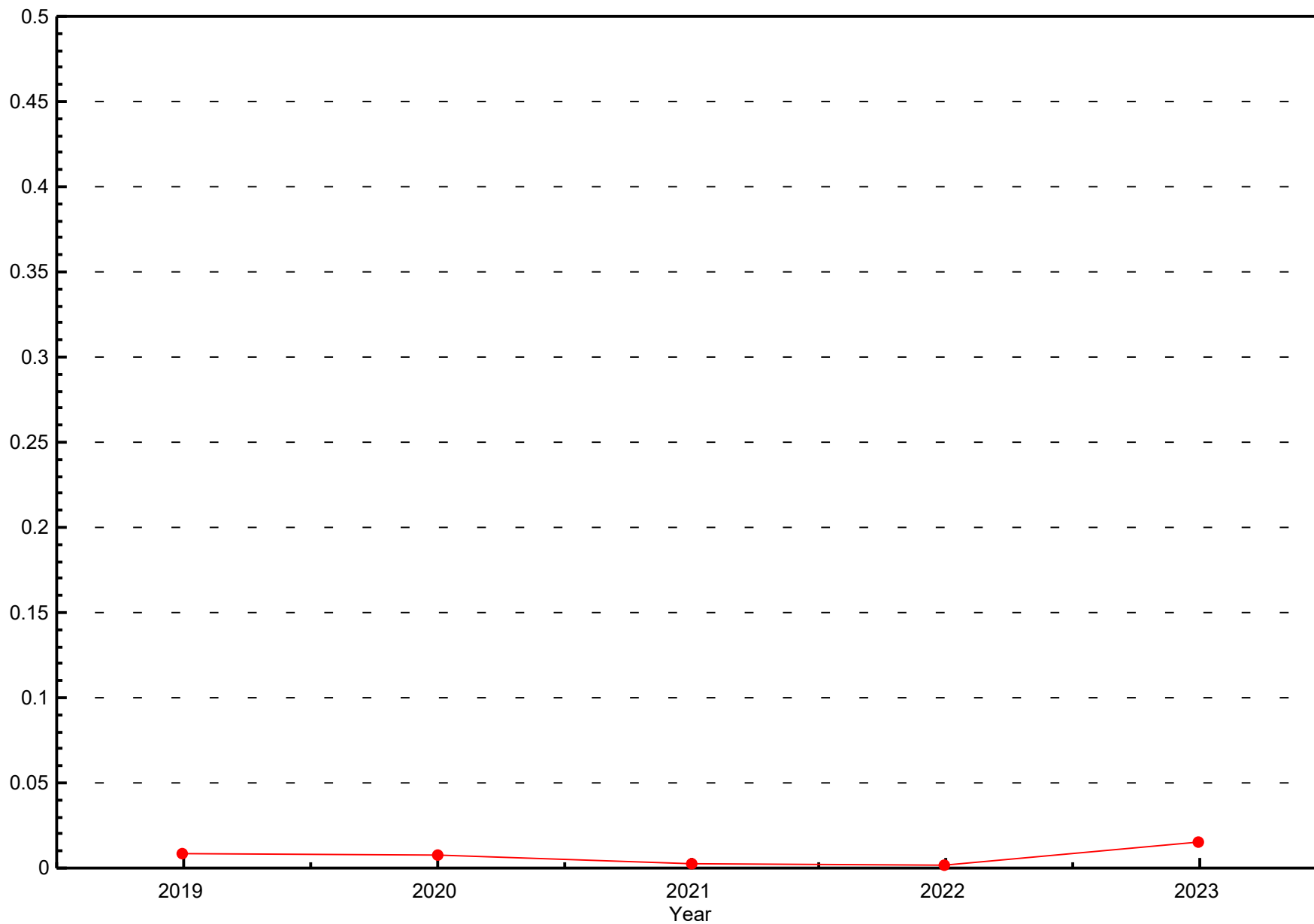




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Patricia McInnes (2019 to 2023)

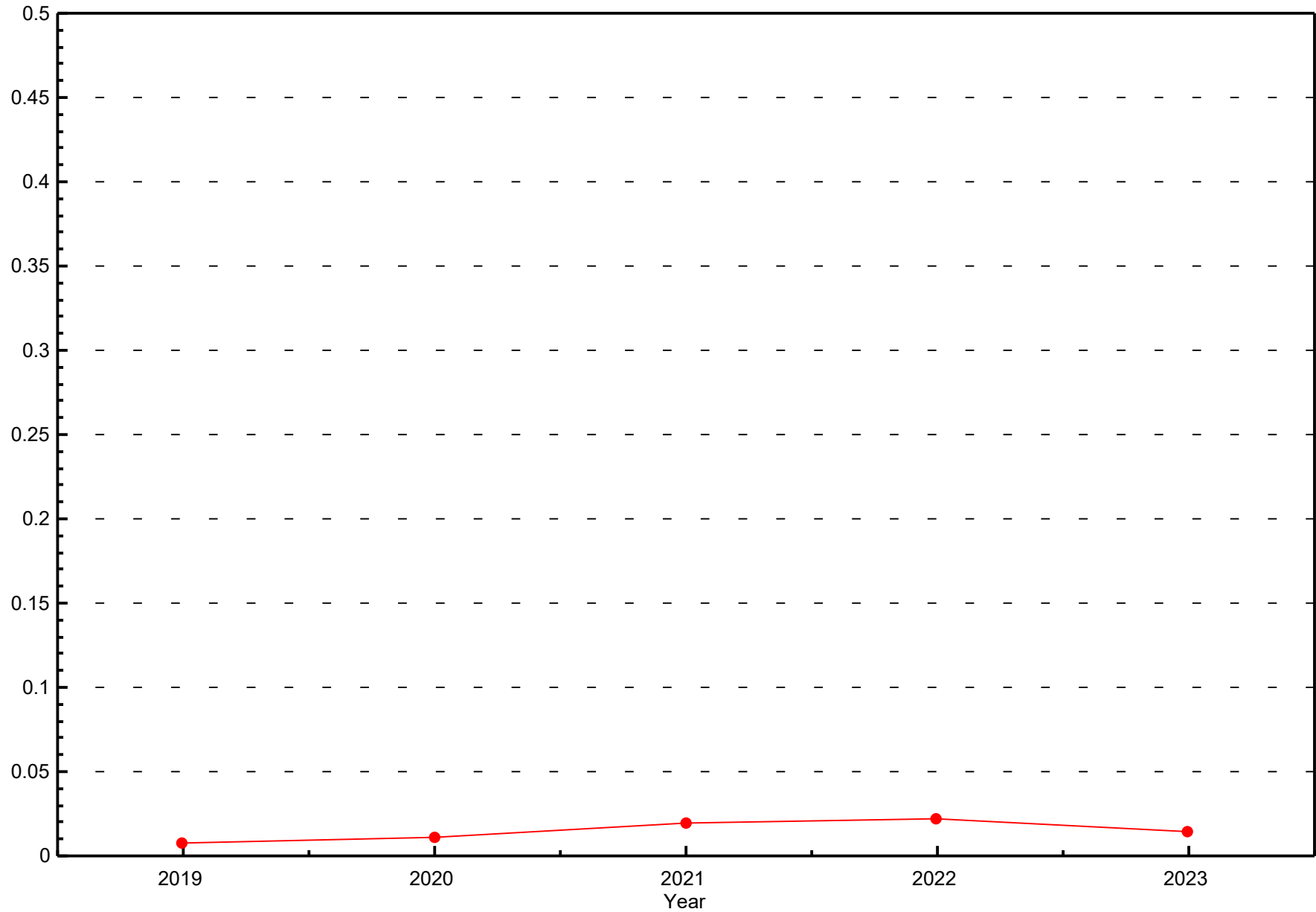




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Athabasca Valley (2019 to 2023)

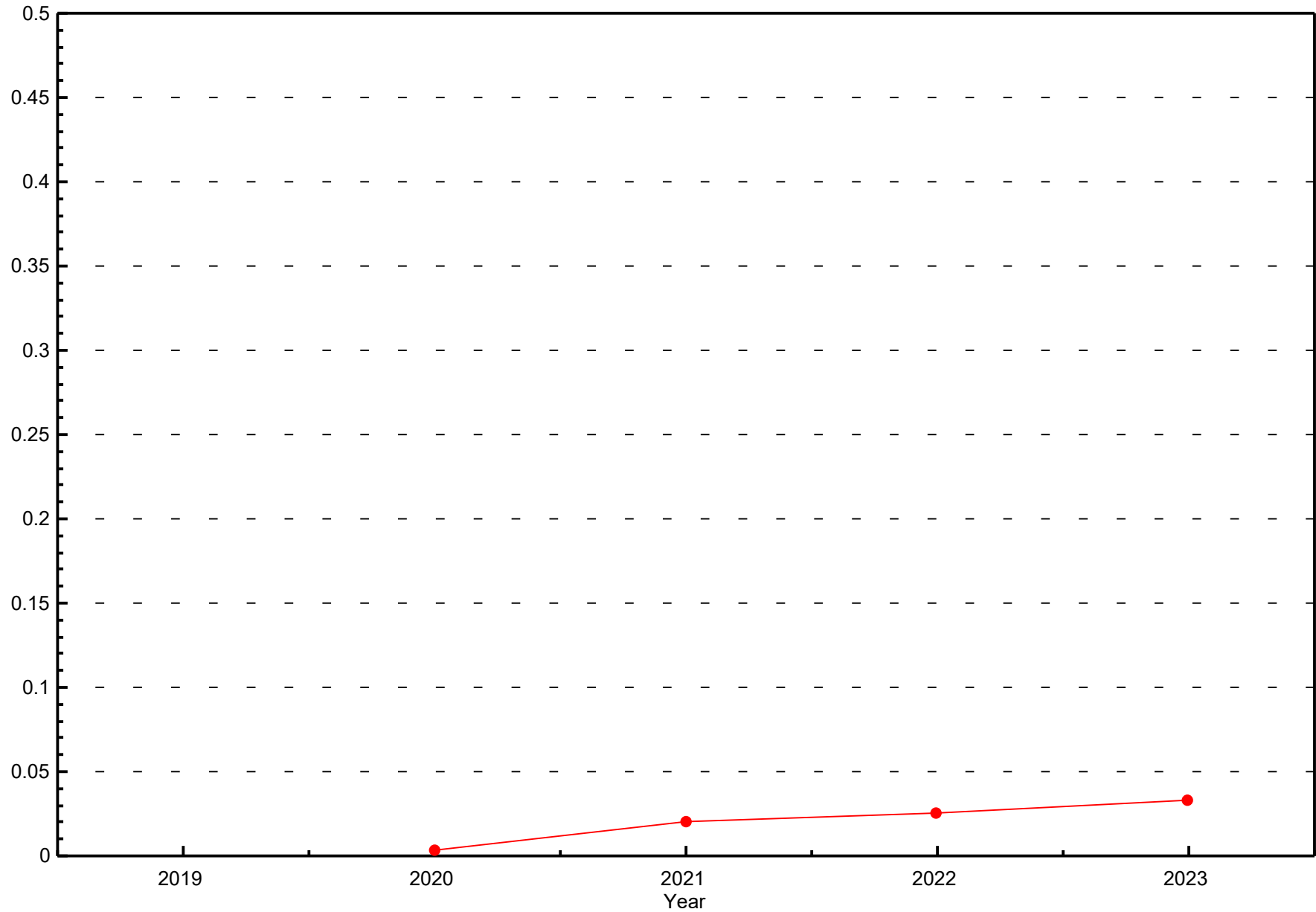




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Barge Landing (2019 to 2023)

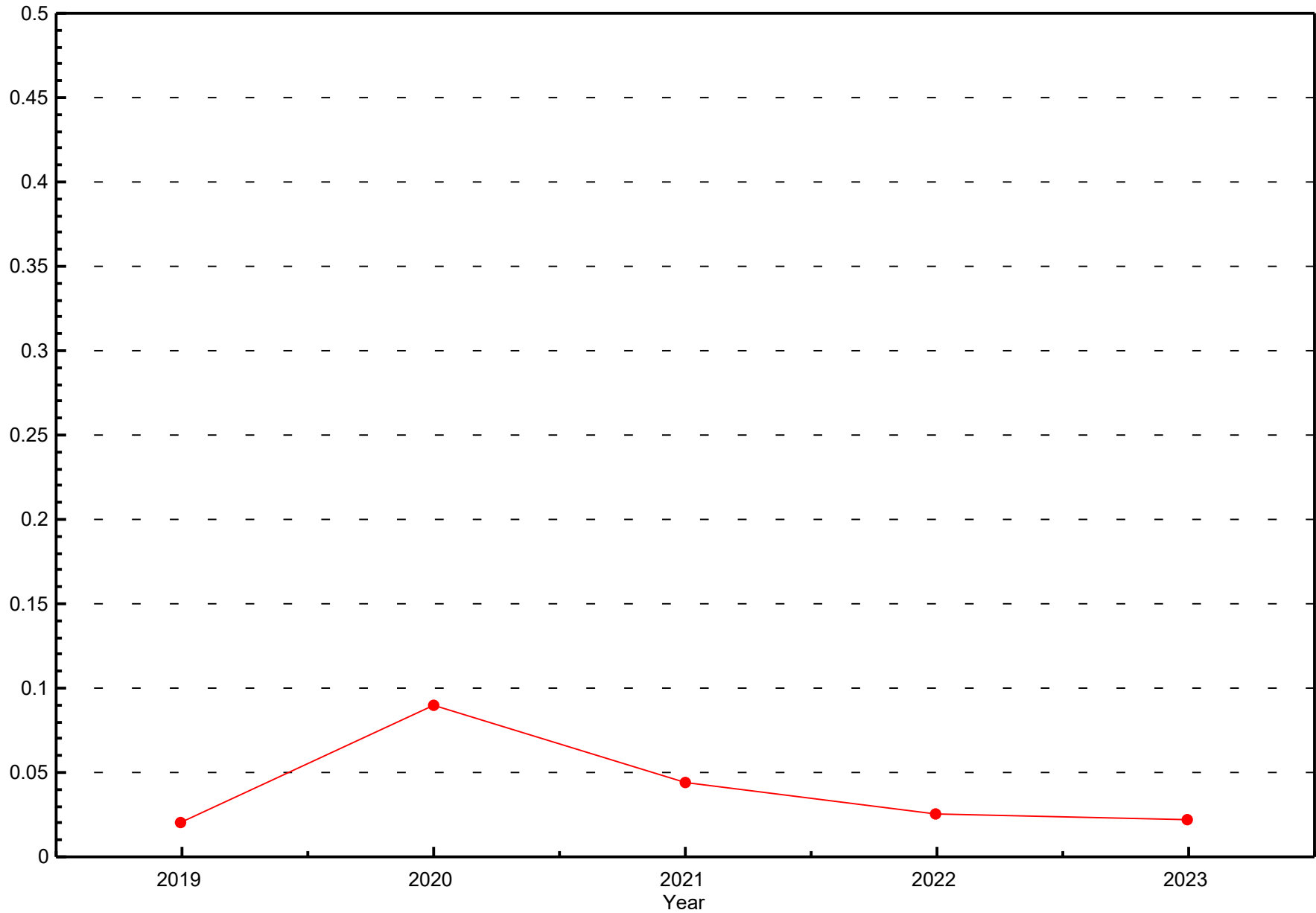




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Lower Camp (2019 to 2023)

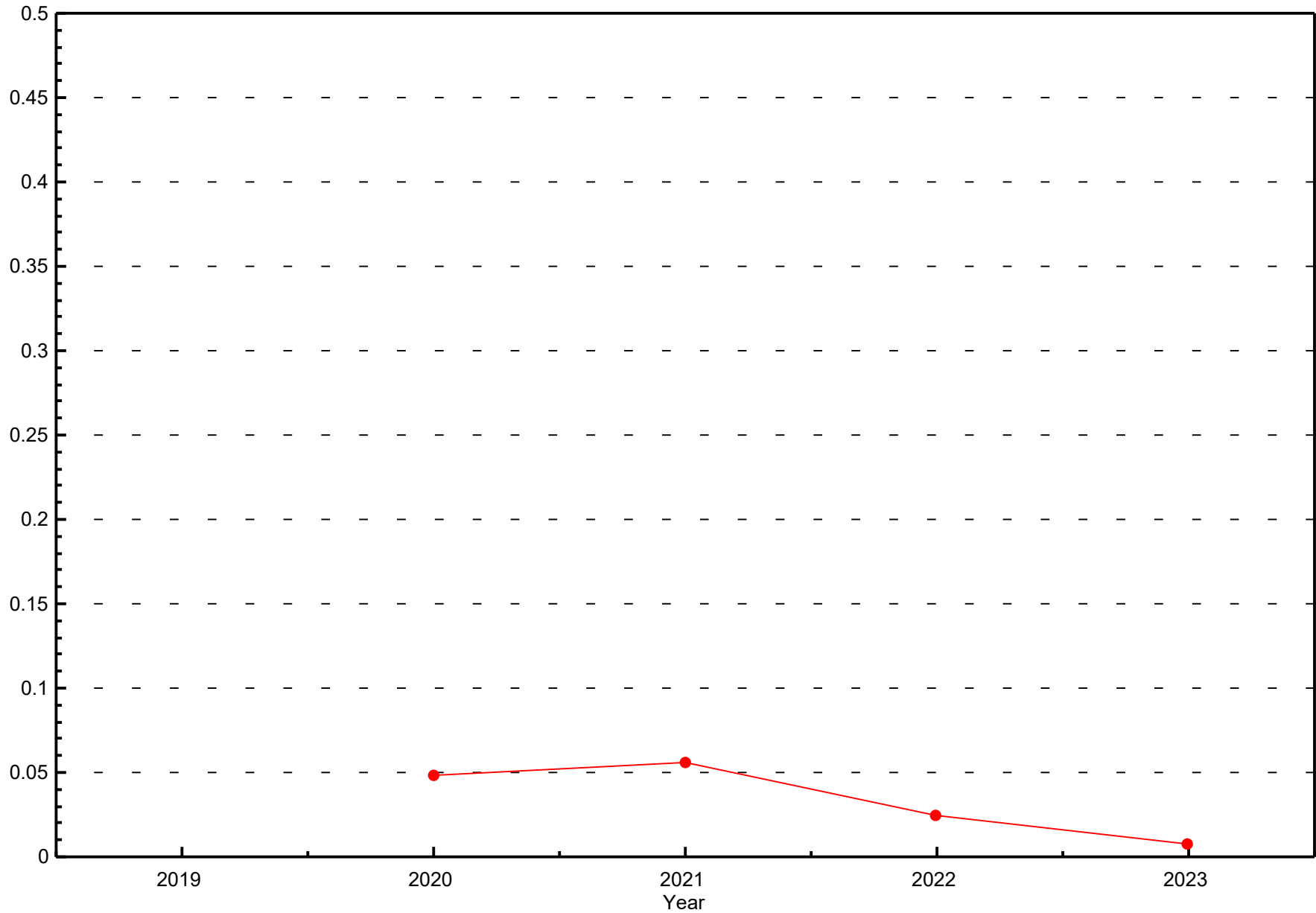




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Fort McKay South (2019 to 2023)

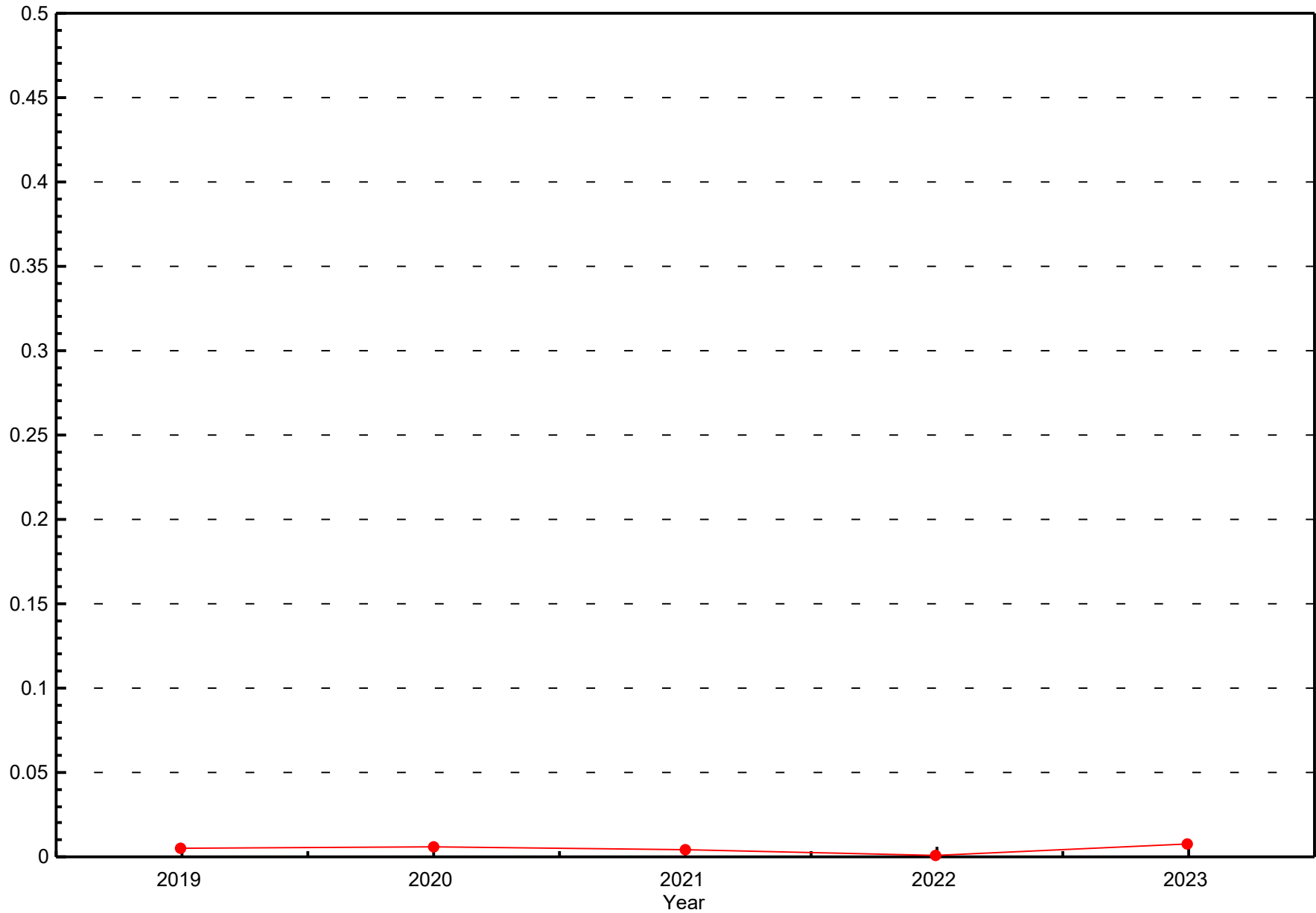




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Anzac (2019 to 2023)

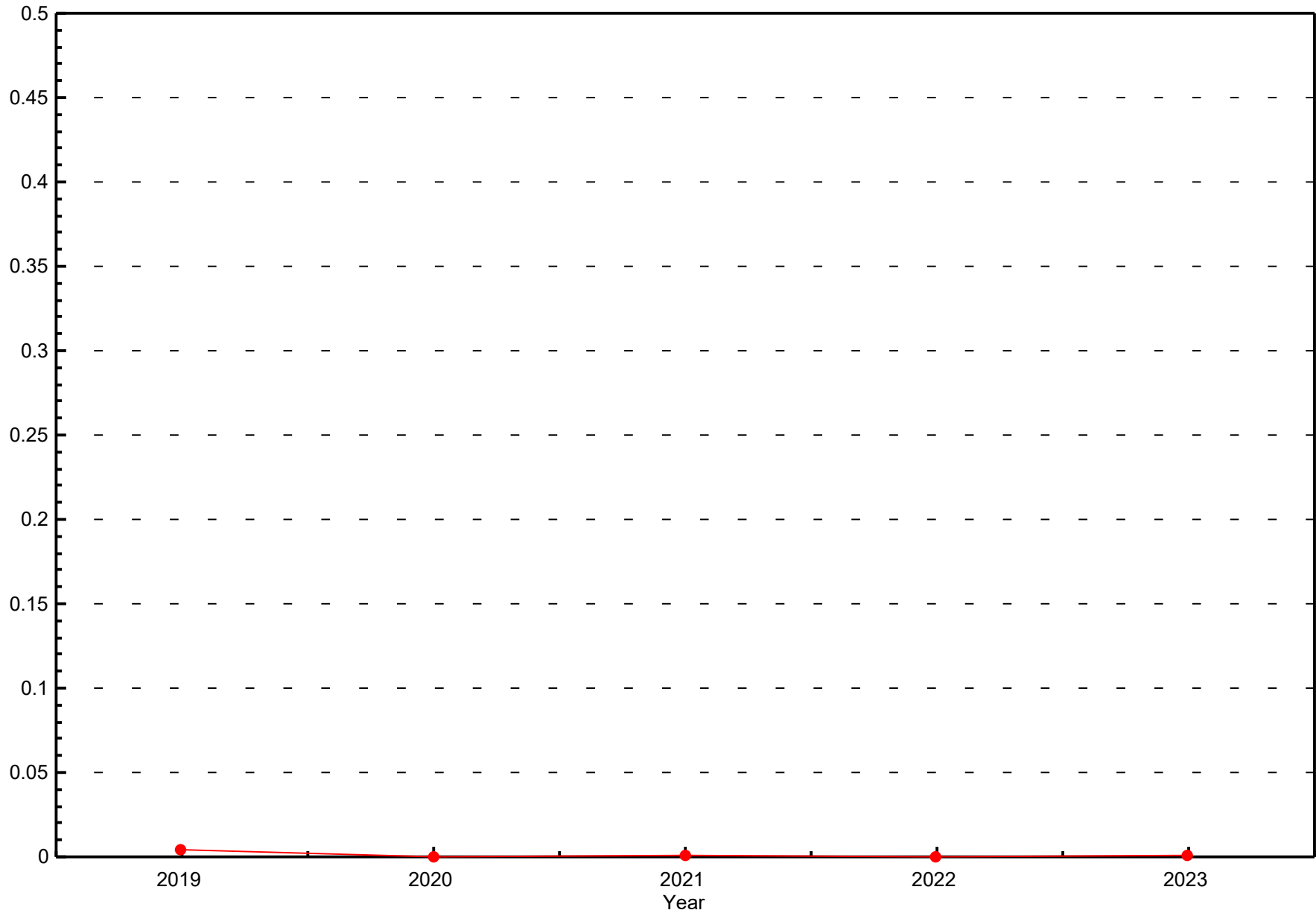




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Stony Mountain (2019 to 2023)

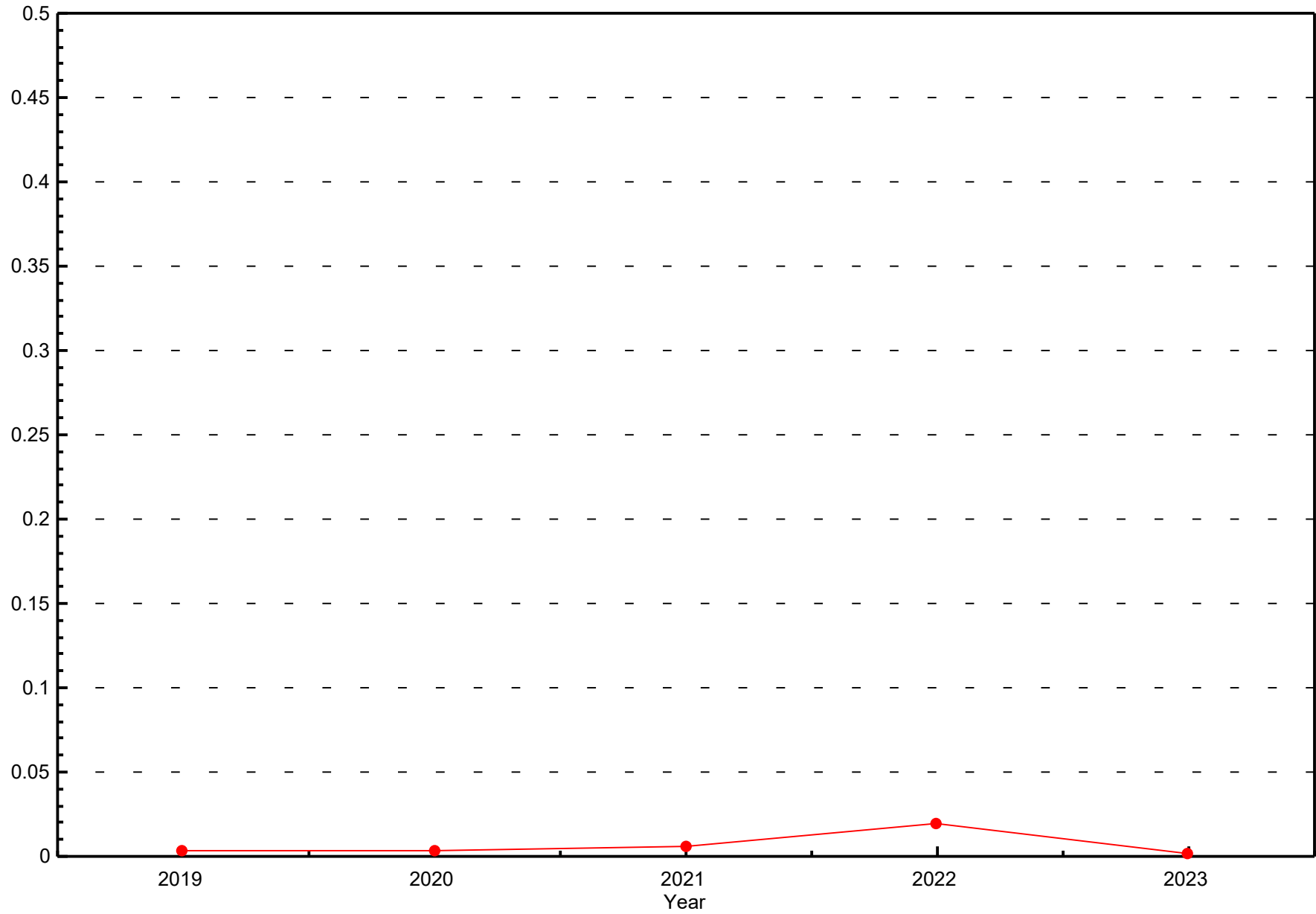




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Conklin (2019 to 2023)

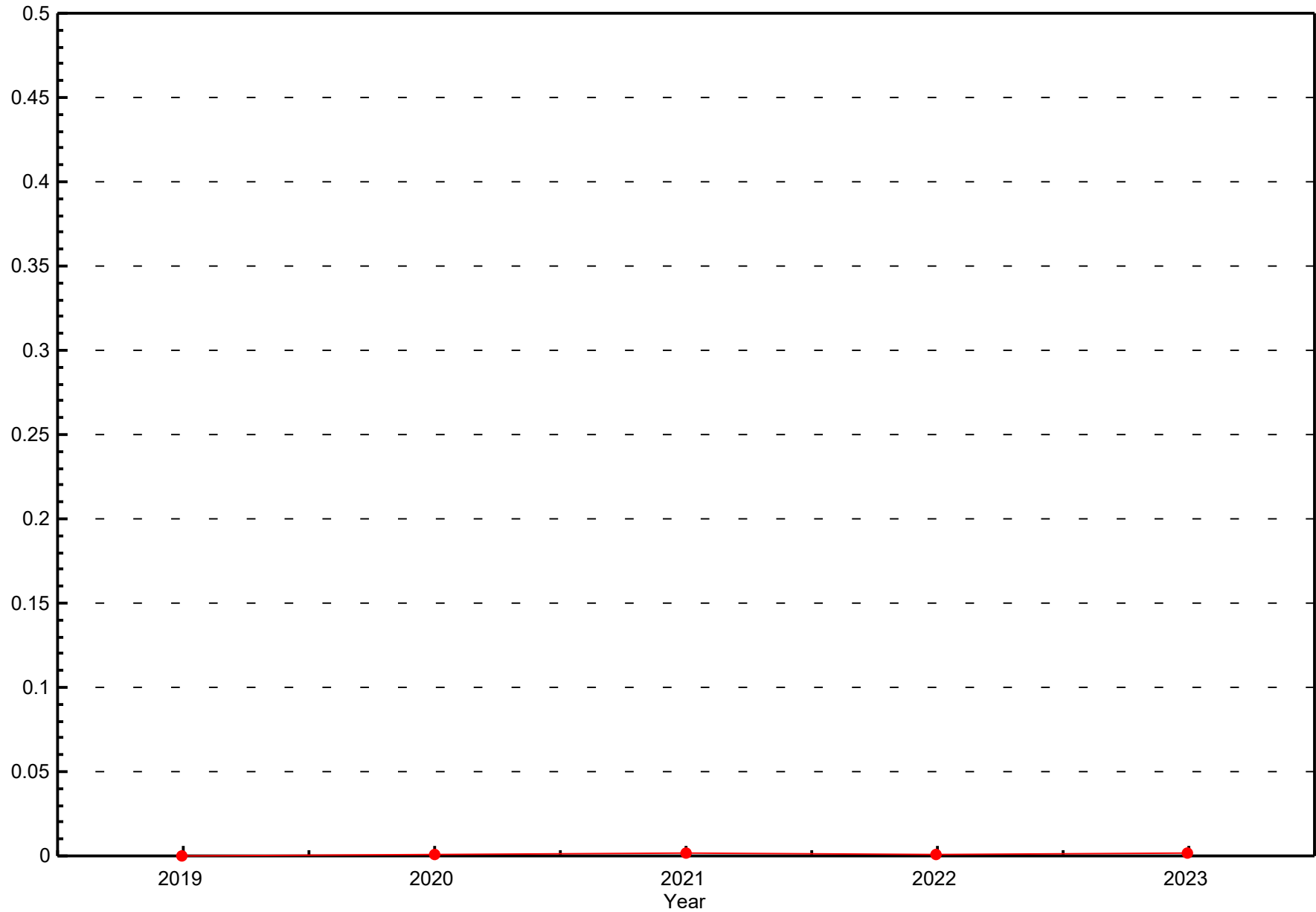




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Janvier (2019 to 2023)

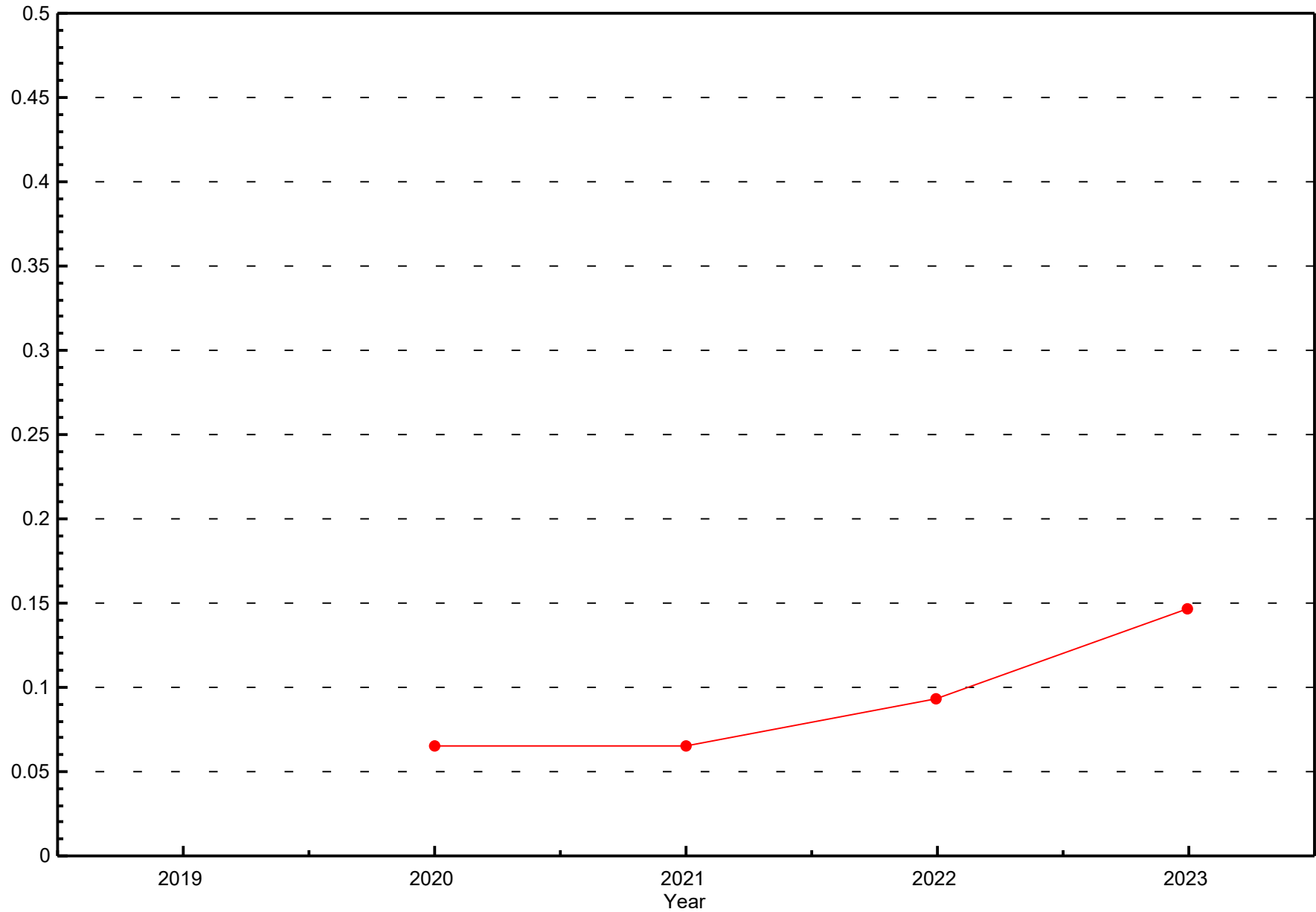




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Fort Hills (2019 to 2023)

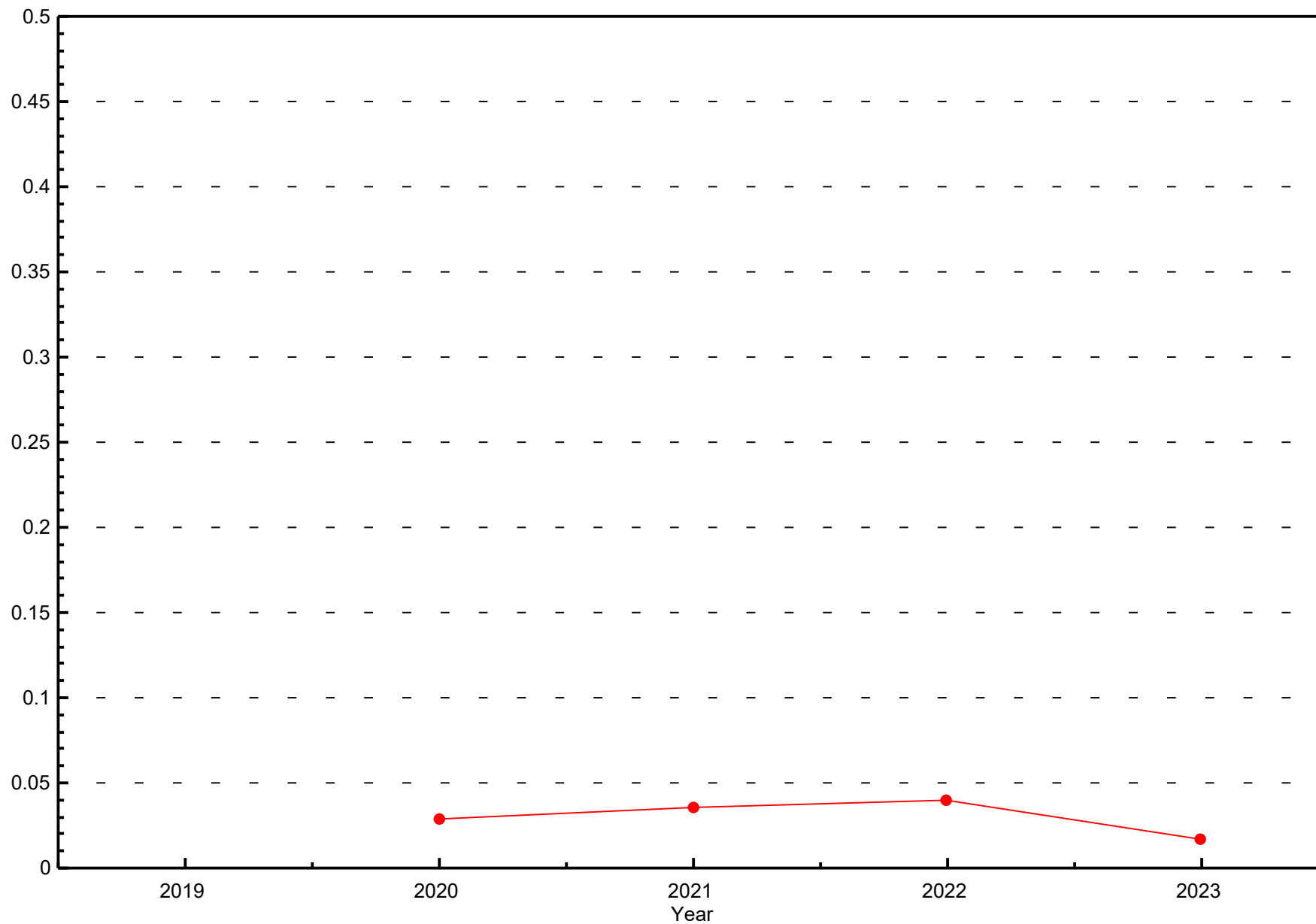




Yearly Averages

Non Methane Hydrocarbons (NMHC) - ppm

Ells River (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

METHANE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	96	680	2.2970	3.6098	2.8143
February	100	634	2.2463	3.8453	3.0113
March	100	706	2.1020	2.9171	2.3428
April	95	647	1.9836	2.6455	2.1289
May	100	705	2.1368	2.7428	2.2652
June	99	677	2.0615	2.5886	2.1708
July	100	707	2.0716	3.0903	2.2160
August	100	706	2.1073	3.9066	2.5308
September	100	684	2.0920	2.7199	2.2230
October	99	703	2.0521	4.5503	2.5816
November	100	683	2.1293	4.9934	2.7588
December	100	709	2.1696	3.2726	2.5213
Annual	99	8241	2.1204	4.9934	3.0113



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	2.2955	5.4200	2.8958
February	100	641	2.2138	4.0288	2.9149
March	100	707	2.1497	3.8747	2.5778
April	100	685	2.0637	3.5298	2.2356
May	99	704	2.0466	3.6598	2.2479
June	100	682	2.0599	2.9573	2.1528
July	100	706	2.0876	3.2532	2.2588
August	100	707	2.1769	3.7895	2.4819
September	100	682	2.1714	3.5240	2.3661
October	99	703	2.1214	7.4355	2.5486
November	99	682	2.1341	3.8263	2.5818
December	86	602	2.2312	6.1745	2.4974
Annual	98	8210	2.1449	7.4355	2.9149



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	710	2.1152	3.6658	2.5995
February	100	638	2.1134	3.9005	2.6977
March	97	684	2.0365	3.5341	2.3084
April	99	682	2.0667	3.1793	2.2697
May	100	708	2.0901	3.2922	2.3525
June	100	686	2.0965	3.1988	2.2068
July	100	709	2.1505	3.6231	2.3777
August	100	710	2.1494	3.5673	2.6598
September	100	686	2.1074	3.7874	2.2770
October	100	710	2.0582	5.0263	2.4801
November	100	686	2.0299	3.4729	2.0843
December	100	707	2.0615	4.4547	2.5002
Annual	100	8316	2.0897	5.0263	2.6977



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	708	2.2470	4.4147	2.8649
February	100	641	2.2592	4.8113	2.9671
March	98	696	2.1361	5.5072	2.8018
April	100	686	2.0376	2.7778	2.1882
May	97	690	2.0485	3.9135	2.2839
June	100	686	2.0406	2.9708	2.2215
July	100	708	2.0840	4.1143	2.3124
August	100	708	2.1080	4.0698	2.8619
September	100	682	2.1023	2.7924	2.3098
October	100	708	2.0867	3.6378	2.4380
November	99	682	2.0983	2.9226	2.1928
December	100	709	2.1212	3.9551	2.7532
Annual	100	8304	2.1136	5.5072	2.9671



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	2.1056	2.9241	2.4836
February	91	577	2.0745	2.6214	2.3488
March	100	705	2.0494	2.9970	2.1743
April	97	662	2.0005	2.3957	2.0916
May	98	695	1.9731	2.2406	2.0680
June	95	649	1.9666	2.3275	2.0968
July	92	644	2.0675	2.9776	2.3583
August	100	703	2.1278	2.7388	2.3861
September	100	684	2.0872	2.4883	2.1880
October	100	708	2.0462	3.4176	2.4079
November	100	686	2.0566	2.6261	2.1416
December	100	708	2.1161	3.0931	2.4701
Annual	98	8130	2.0565	3.4176	2.4836



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	2.1965	2.9304	2.5401
February	100	639	2.1361	2.7453	2.4885
March	100	709	2.0655	2.5524	2.1607
April	100	683	2.0196	2.4043	2.0832
May	100	707	2.0370	2.2631	2.1199
June	91	621	2.0251	2.3362	2.0596
July	91	639	2.0942	2.6728	2.2403
August	95	672	2.1405	3.0691	2.5490
September	91	624	2.1110	2.4875	2.2285
October	99	704	2.0606	2.9766	2.2717
November	97	662	2.0473	2.6004	2.3108
December	96	683	2.1082	3.0443	2.4611
Annual	97	8052	2.0869	3.0691	2.5490



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	2.1769	3.4354	2.5732
February	99	635	2.2008	4.0954	2.9344
March	78	546	2.0807	2.7485	2.2739
April	99	677	2.0448	2.9973	2.1616
May	100	708	2.0420	3.3276	2.1914
June	99	680	2.0246	2.8034	2.1223
July	93	660	2.0690	2.9498	2.2892
August	99	699	2.1050	3.4099	2.4954
September	100	685	2.0733	2.5768	2.2434
October	99	700	2.0421	5.8454	2.5778
November	93	636	2.0989	4.2048	2.6944
December	100	710	2.1845	3.4997	2.6087
Annual	97	8045	2.0953	5.8454	2.9344



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	2.2915	3.5905	2.6095
February	100	638	2.2694	3.6803	2.8997
March	100	705	2.1692	3.1755	2.3955
April	99	683	2.1010	2.8638	2.1970
May	99	705	2.1266	4.3781	2.3900
June	100	686	2.0740	2.8521	2.1566
July	99	699	2.1760	3.2261	2.3386
August	99	704	2.2102	3.3613	2.5389
September	100	687	2.1616	3.6104	2.2951
October	100	709	2.1109	4.1394	2.3607
November	100	684	2.1527	3.8376	2.5121
December	100	709	2.2388	3.0877	2.5021
Annual	100	8318	2.1733	4.3781	2.8997



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	709	2.3136	3.6123	2.7439
February	99	637	2.3064	4.4902	3.0395
March	99	698	2.1431	3.6648	2.4811
April	100	686	2.0630	2.8442	2.1568
May	100	709	2.0938	3.3925	2.3549
June	99	676	2.0843	2.9611	2.1866
July	100	709	2.1372	3.0342	2.3027
August	100	708	2.2012	3.9881	2.7353
September	100	685	2.1943	3.2683	2.3720
October	100	708	2.1457	3.9498	2.3711
November	91	626	2.2264	4.6373	2.6609
December	100	709	2.3159	3.8361	2.7213
Annual	99	8260	2.1847	4.6373	3.0395



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	95	677	2.1337	2.4497	2.2333
February	100	641	2.0893	2.6313	2.1751
March	100	709	2.0493	2.6767	2.1136
April	99	681	2.0181	2.1608	2.0570
May	100	708	2.0301	2.2234	2.1214
June	98	674	2.0271	2.2297	2.0807
July	99	703	2.0795	2.4891	2.1873
August	98	693	2.1333	2.6986	2.3880
September	100	683	2.0970	3.2763	2.2344
October	100	707	2.0439	2.4735	2.1496
November	100	684	2.0287	2.3010	2.1085
December	99	705	2.0250	3.0665	2.2575
Annual	99	8265	2.0626	3.2763	2.3880



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	706	2.1238	2.3606	2.2507
February	100	638	2.0756	2.1959	2.1501
March	100	709	2.0755	2.1730	2.1069
April	100	687	2.0488	2.2164	2.1007
May	97	687	2.0461	2.2383	2.1337
June	100	684	2.0374	2.1397	2.0823
July	100	709	2.0436	2.2554	2.1228
August	95	670	2.0516	2.3408	2.1645
September	90	619	2.0187	2.2168	2.0828
October	100	709	2.0225	2.0940	2.0597
November	100	685	2.0316	2.1420	2.0906
December	100	709	2.0550	2.2474	2.1666
Annual	98	8212	2.0528	2.3606	2.2507



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	95	673	2.1466	2.4493	2.2679
February	100	636	2.0999	2.2662	2.1839
March	100	707	2.1212	2.3633	2.1983
April	98	671	2.0661	2.4908	2.1622
May	100	707	2.0787	2.6925	2.1979
June	99	681	2.0961	4.0549	2.4300
July	100	708	2.1360	3.4708	2.3338
August	100	708	2.2127	4.4831	2.7232
September	100	686	2.1613	3.2006	2.4102
October	79	552	2.0753	2.8192	2.1960
November	100	688	2.1194	2.4385	2.2610
December	96	673	2.1375	2.4591	2.3209
Annual	97	8090	2.1220	4.4831	2.7232



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	93	659	2.1160	2.3462	2.2380
February	100	638	2.0269	2.2308	2.0931
March	100	707	2.0659	2.2734	2.1075
April	100	684	2.0355	2.2297	2.0761
May	100	707	2.0199	2.2495	2.1113
June	99	681	2.0045	2.2808	2.0652
July	100	707	2.0164	2.4444	2.1134
August	100	709	2.0368	2.5311	2.2034
September	100	684	2.0228	2.2902	2.1169
October	100	708	2.0064	2.2026	2.0792
November	97	665	2.0246	2.2333	2.1326
December	96	680	2.0830	2.3514	2.1796
Annual	99	8229	2.0379	2.5311	2.2380



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	96	677	2.2979	5.7810	2.7816
February	100	638	2.2880	5.2665	2.8011
March	100	707	2.3591	36.0000	4.1185
April	94	645	2.1835	4.5621	2.3704
May	97	687	2.1408	6.0459	2.3902
June	100	687	2.0356	3.0263	2.2087
July	99	702	2.1160	8.4868	2.4053
August	96	682	2.3021	7.4009	3.0157
September	99	684	2.2362	4.6133	2.4644
October	100	708	2.2832	7.2253	2.9101
November	100	687	2.3231	4.7151	3.2747
December	100	708	2.3186	6.2459	3.5532
Annual	98	8212	2.2406	36.0000	4.1185



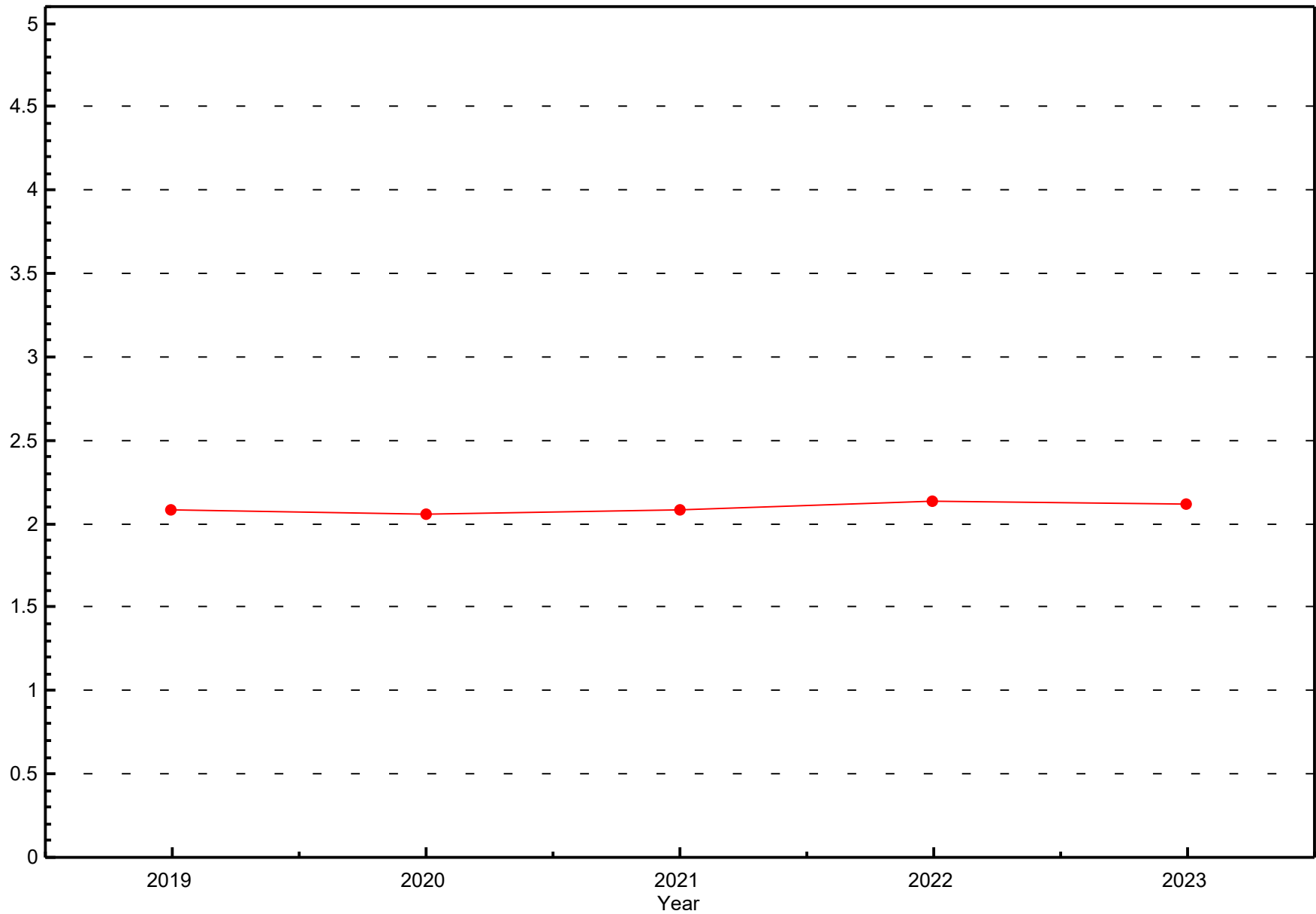
Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Methane (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	97	688	2.3193	4.7213	3.0860
February	86	544	2.2179	5.1835	2.8745
March	99	703	2.1330	3.0669	2.3768
April	100	685	2.0879	3.4228	2.2501
May	100	708	2.0675	3.5077	2.2355
June	97	665	2.0754	3.4483	2.3680
July	60	423	2.0763	3.1787	2.3166
August	99	704	2.1719	3.9901	2.5155
September	100	687	2.1599	3.1309	2.3372
October	97	686	2.1255	3.6643	2.4211
November	85	584	2.1602	4.7048	2.6367
December	100	707	2.1609	4.0416	2.7139
Annual	93	7784	2.1473	5.1835	3.0860



Yearly Averages

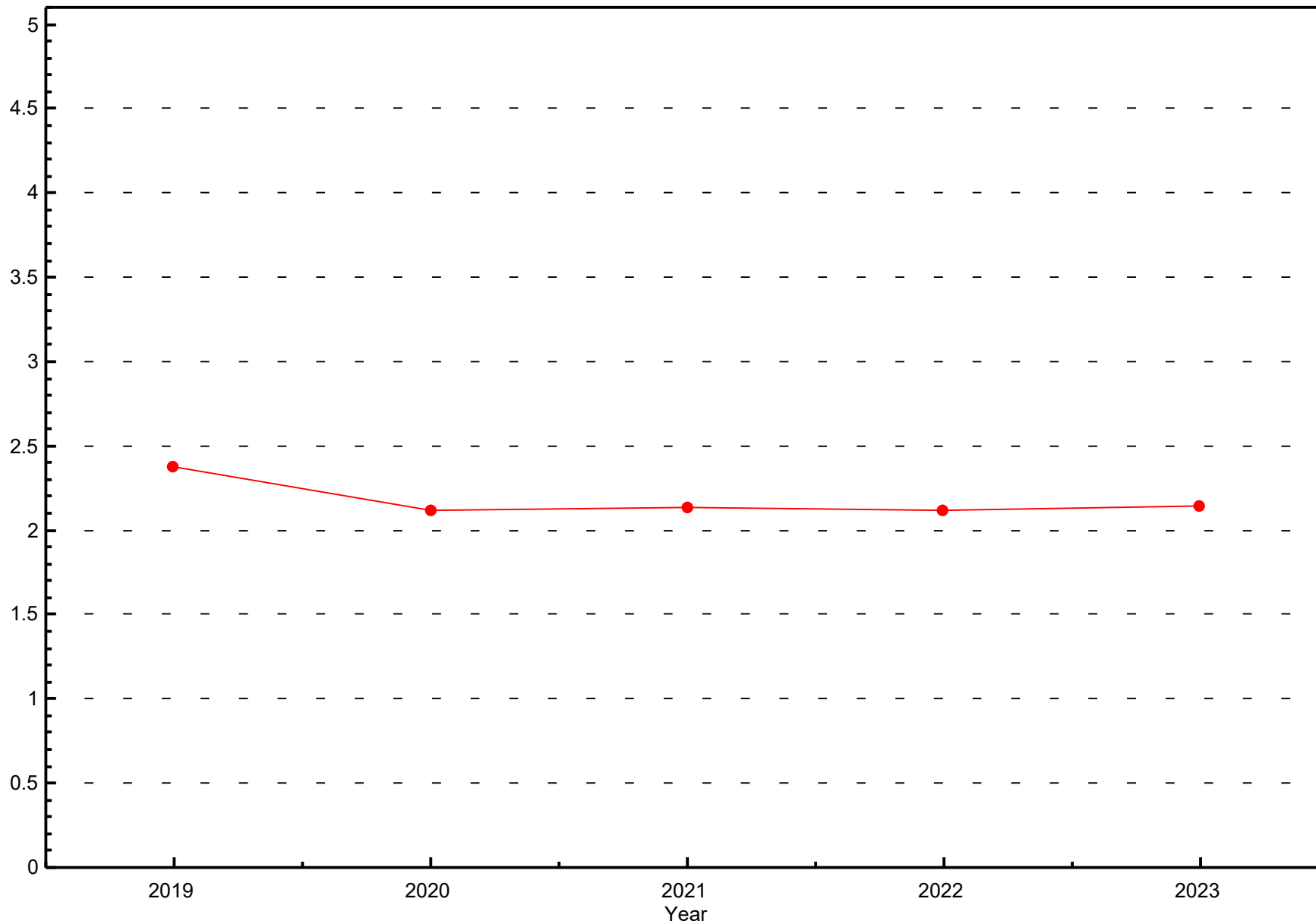
Methane (CH₄) - ppm
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

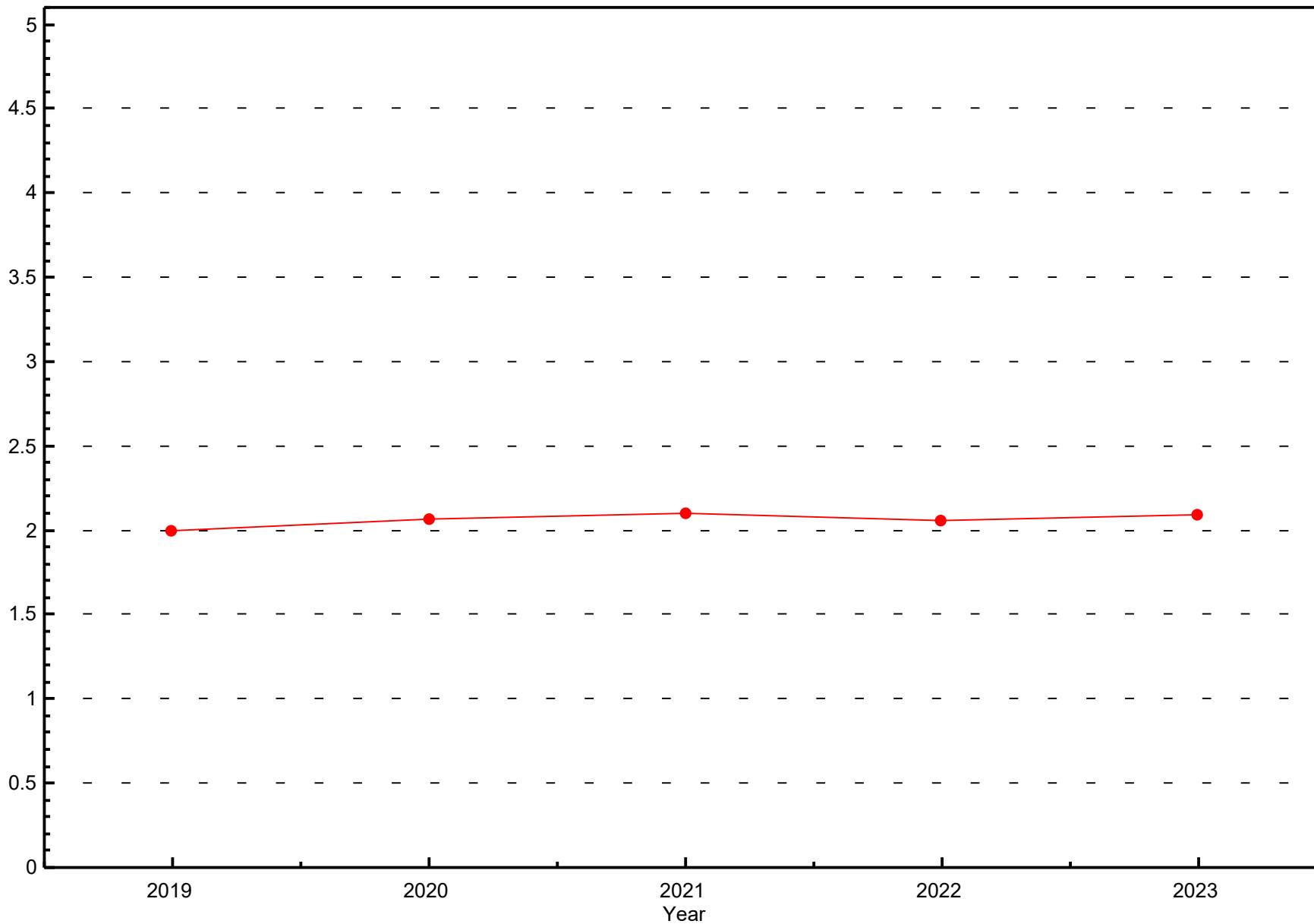
Methane (CH₄) - ppm
Mildred Lake (2019 to 2023)





Yearly Averages

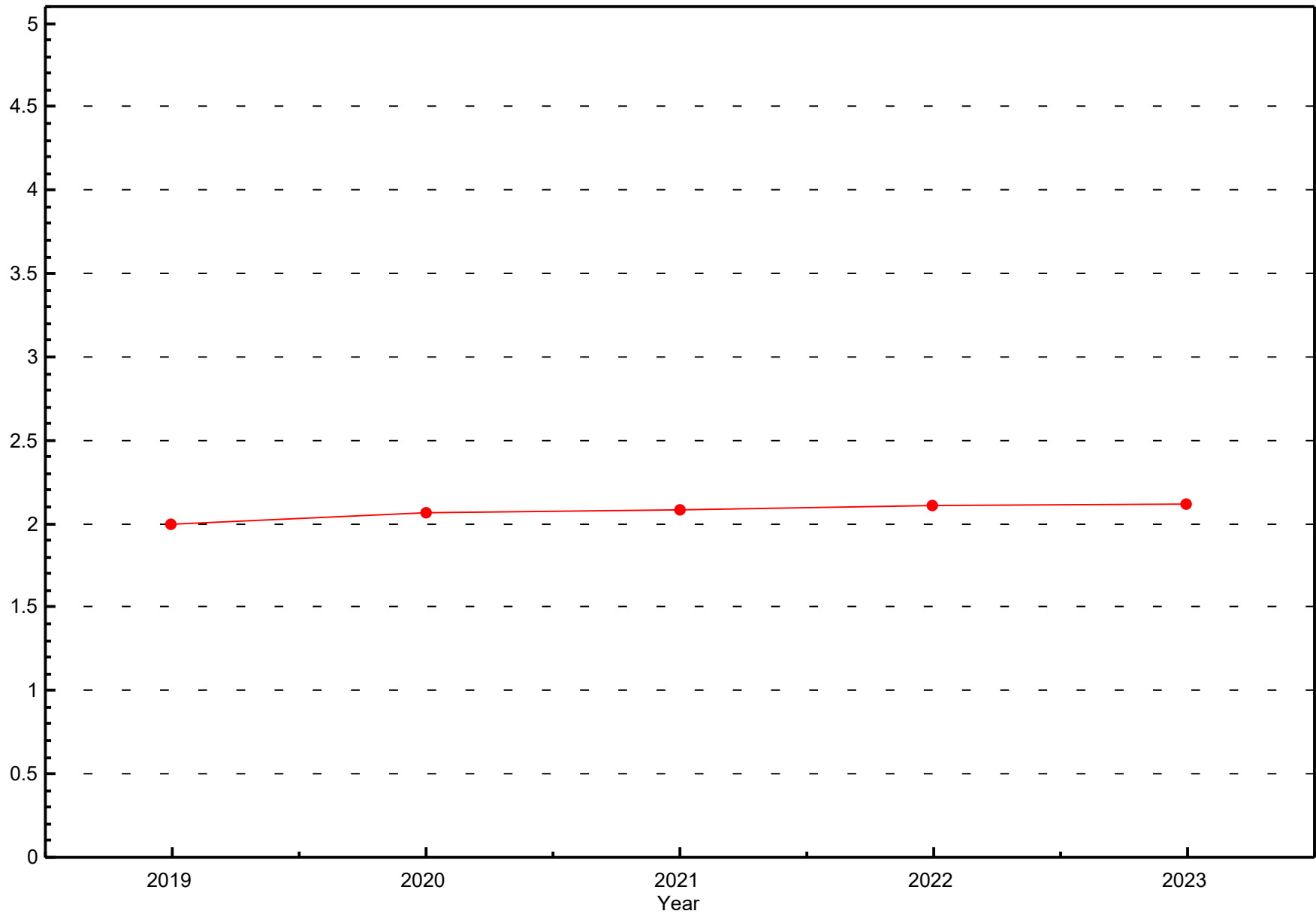
Methane (CH₄) - ppm
Buffalo Viewpoint (2019 to 2023)





Yearly Averages

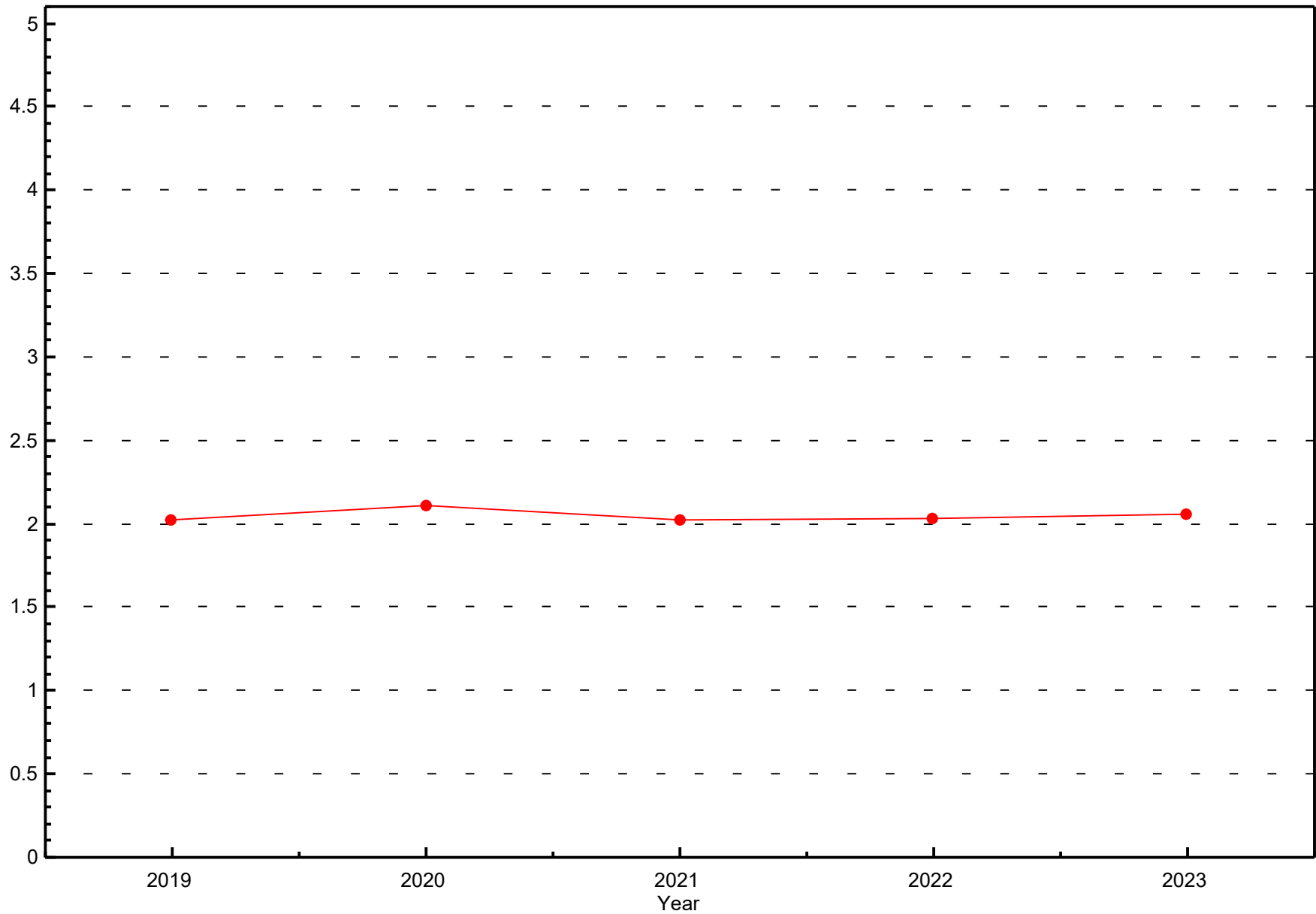
Methane (CH₄) - ppm
Mannix (2019 to 2023)





Yearly Averages

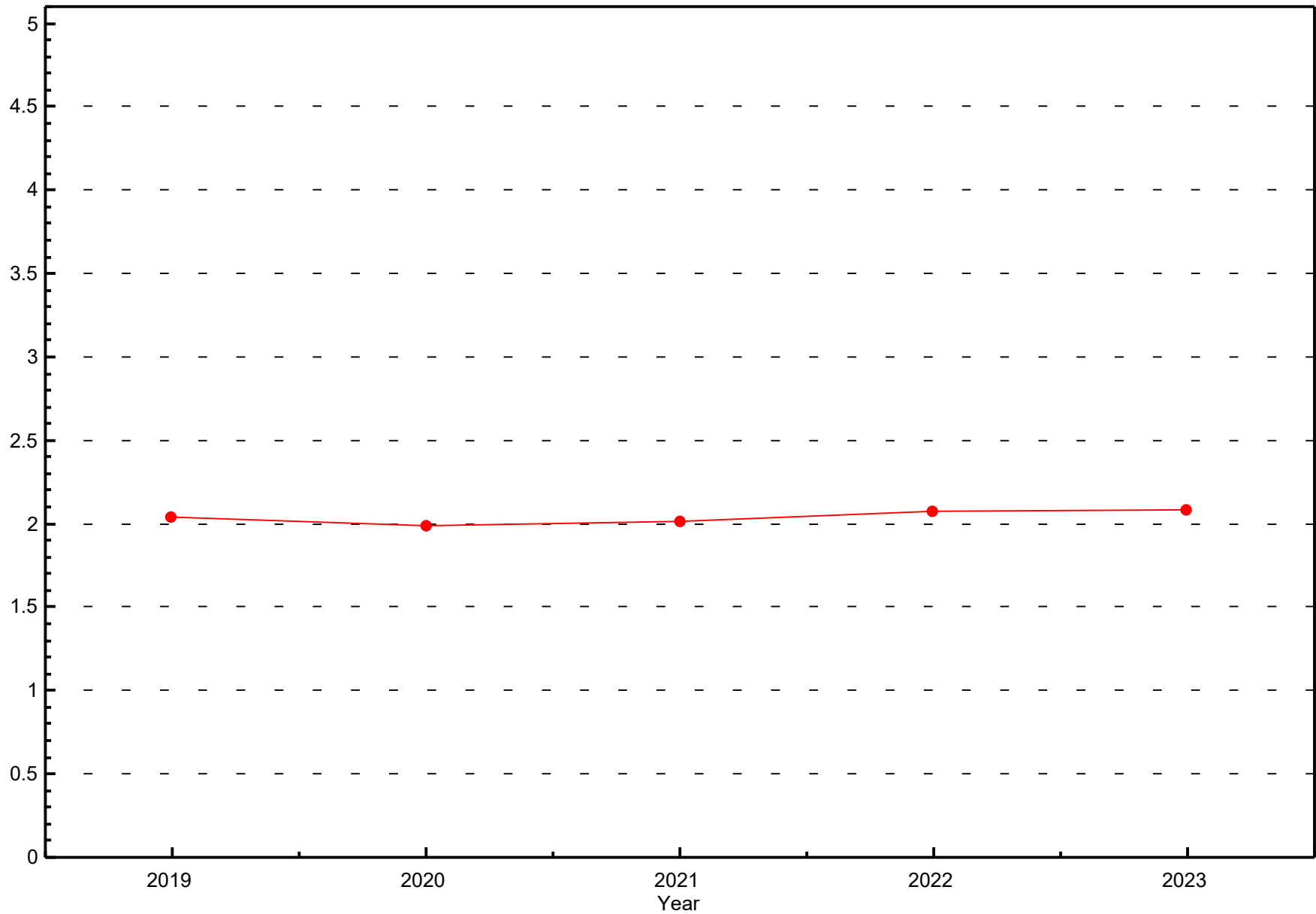
Methane (CH₄) - ppm
Patricia McInnes (2019 to 2023)





Yearly Averages

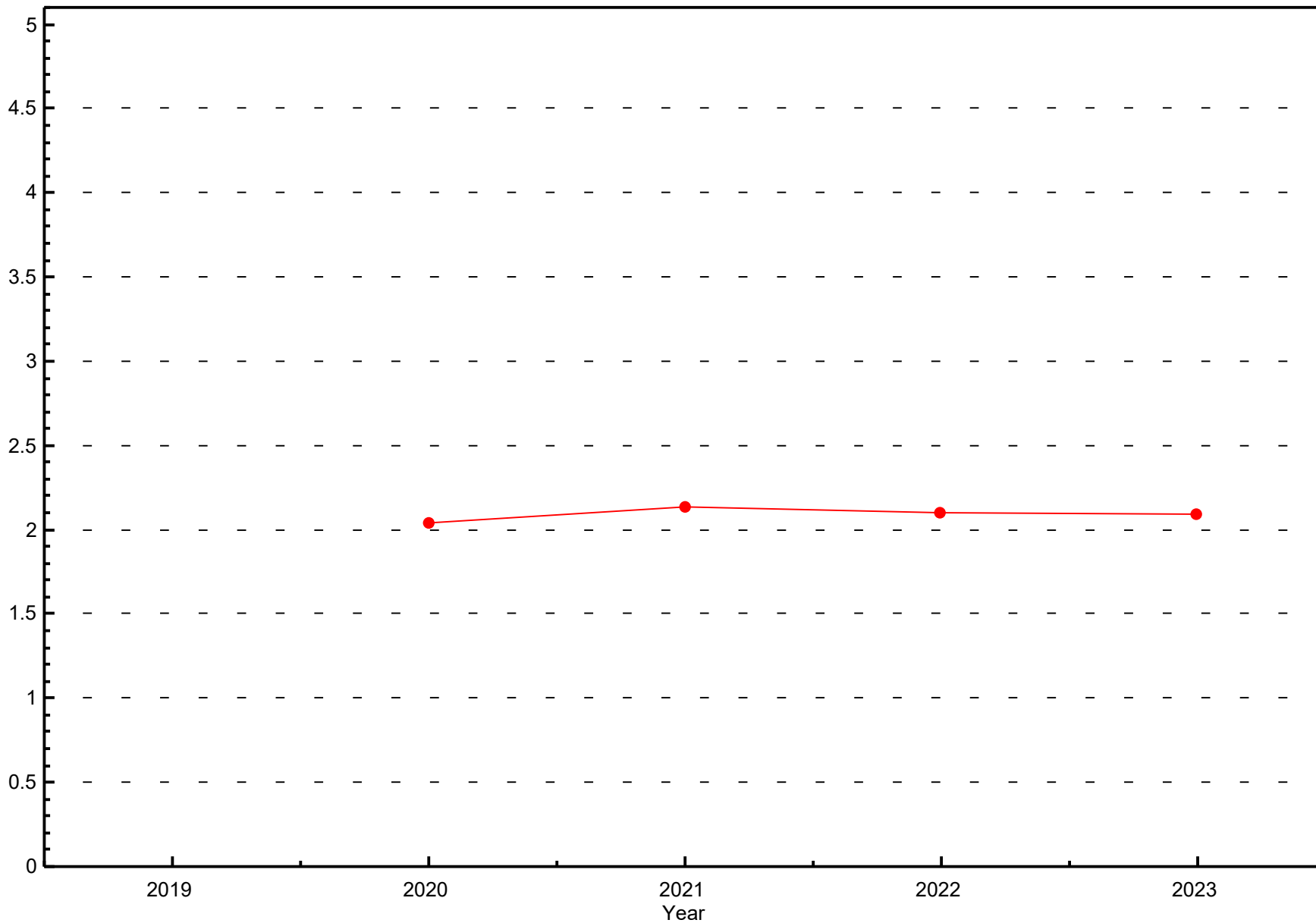
Methane (CH₄) - ppm
Athabasca Valley (2019 to 2023)





Yearly Averages

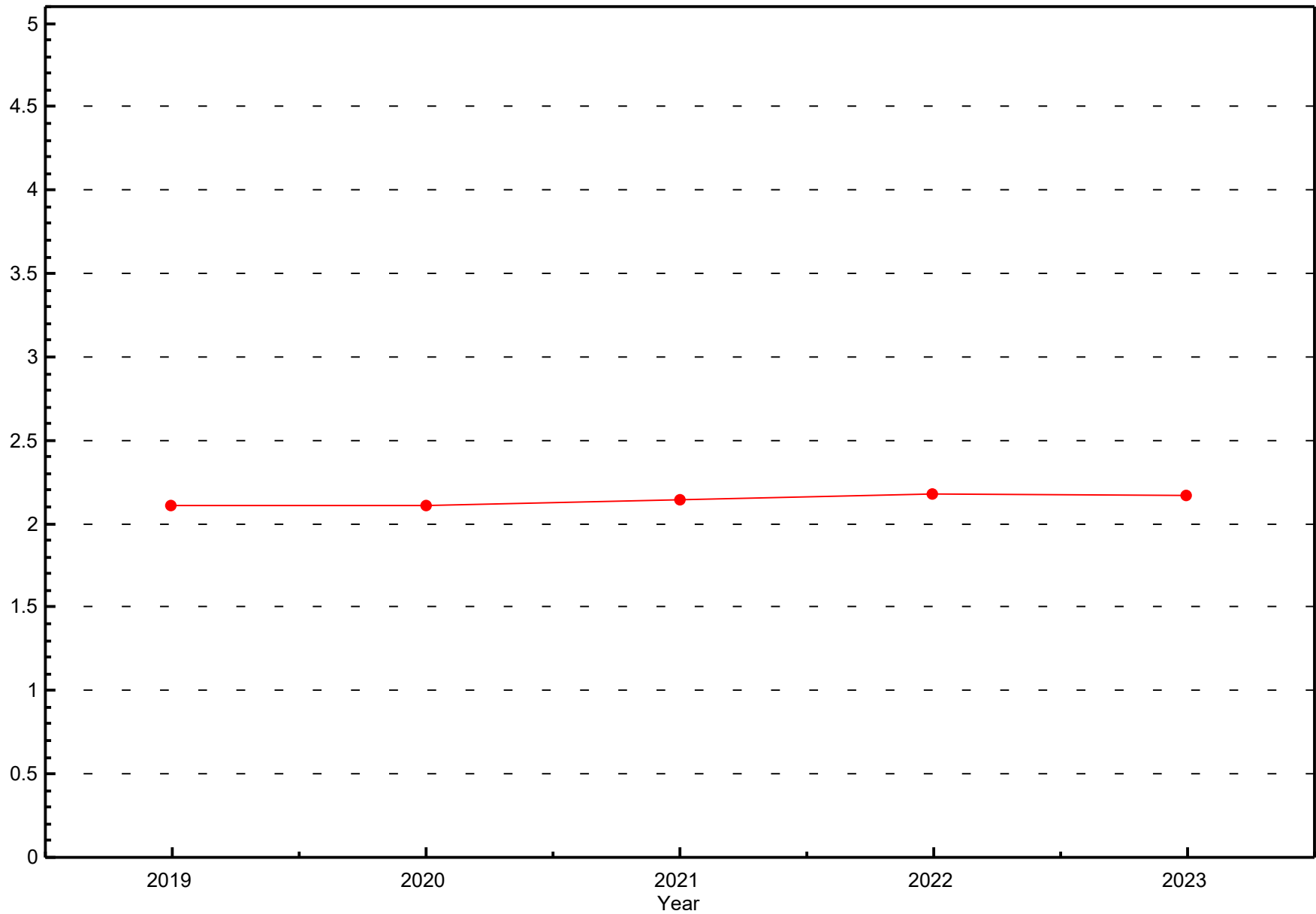
Methane (CH₄) - ppm
Barge Landing (2019 to 2023)





Yearly Averages

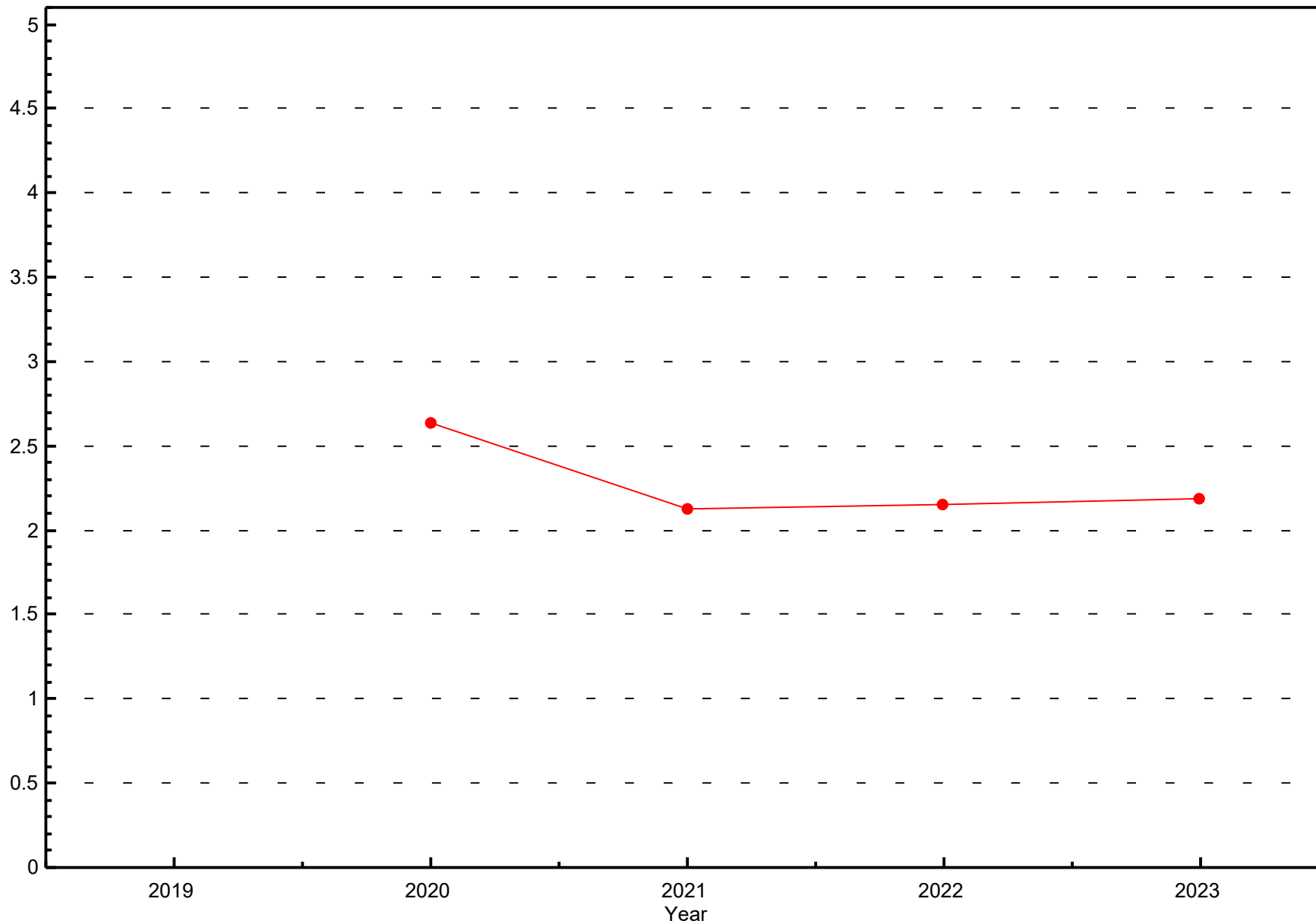
Methane (CH₄) - ppm
Lower Camp (2019 to 2023)





Yearly Averages

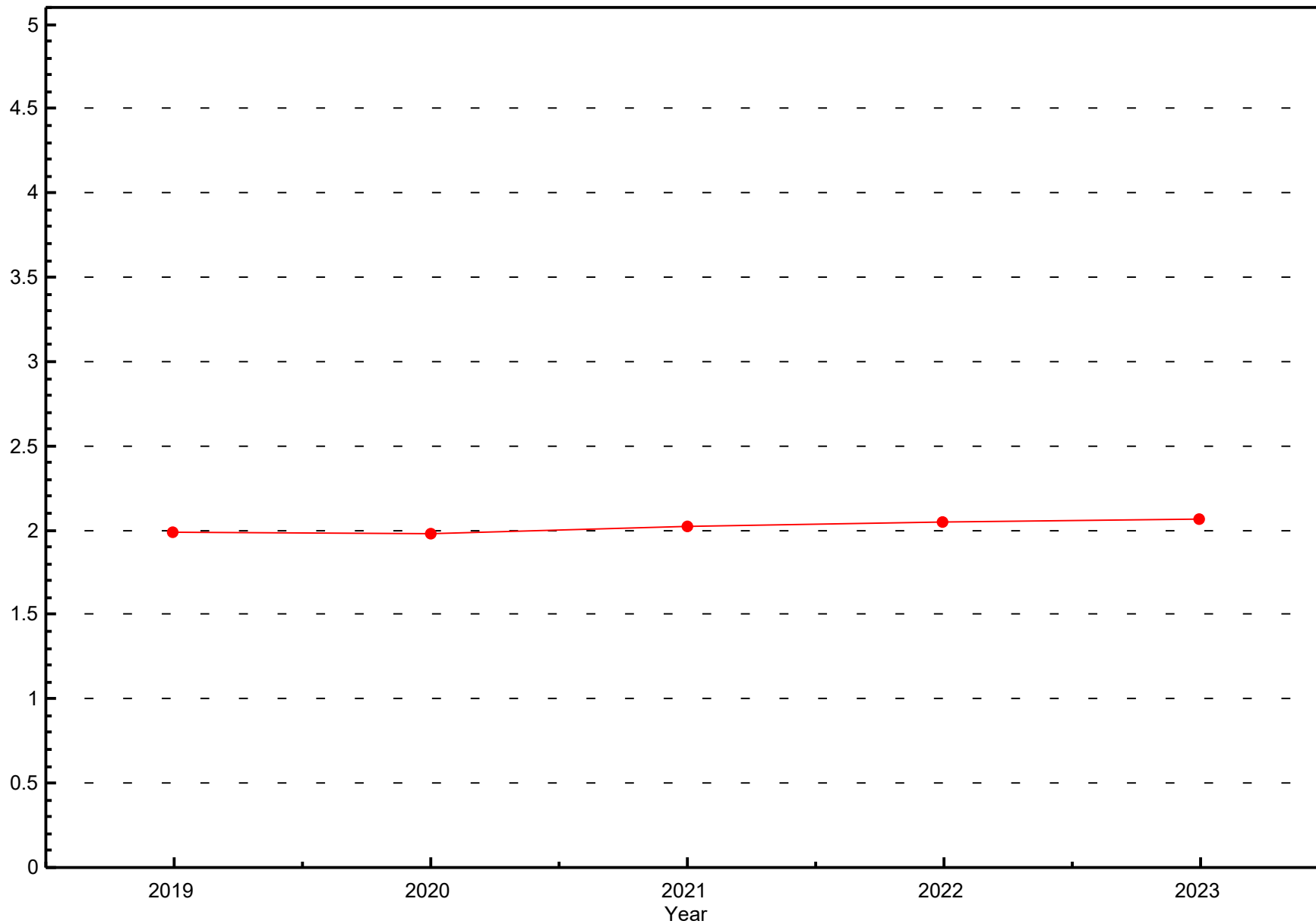
Methane (CH₄) - ppm
Fort McKay South (2019 to 2023)





Yearly Averages

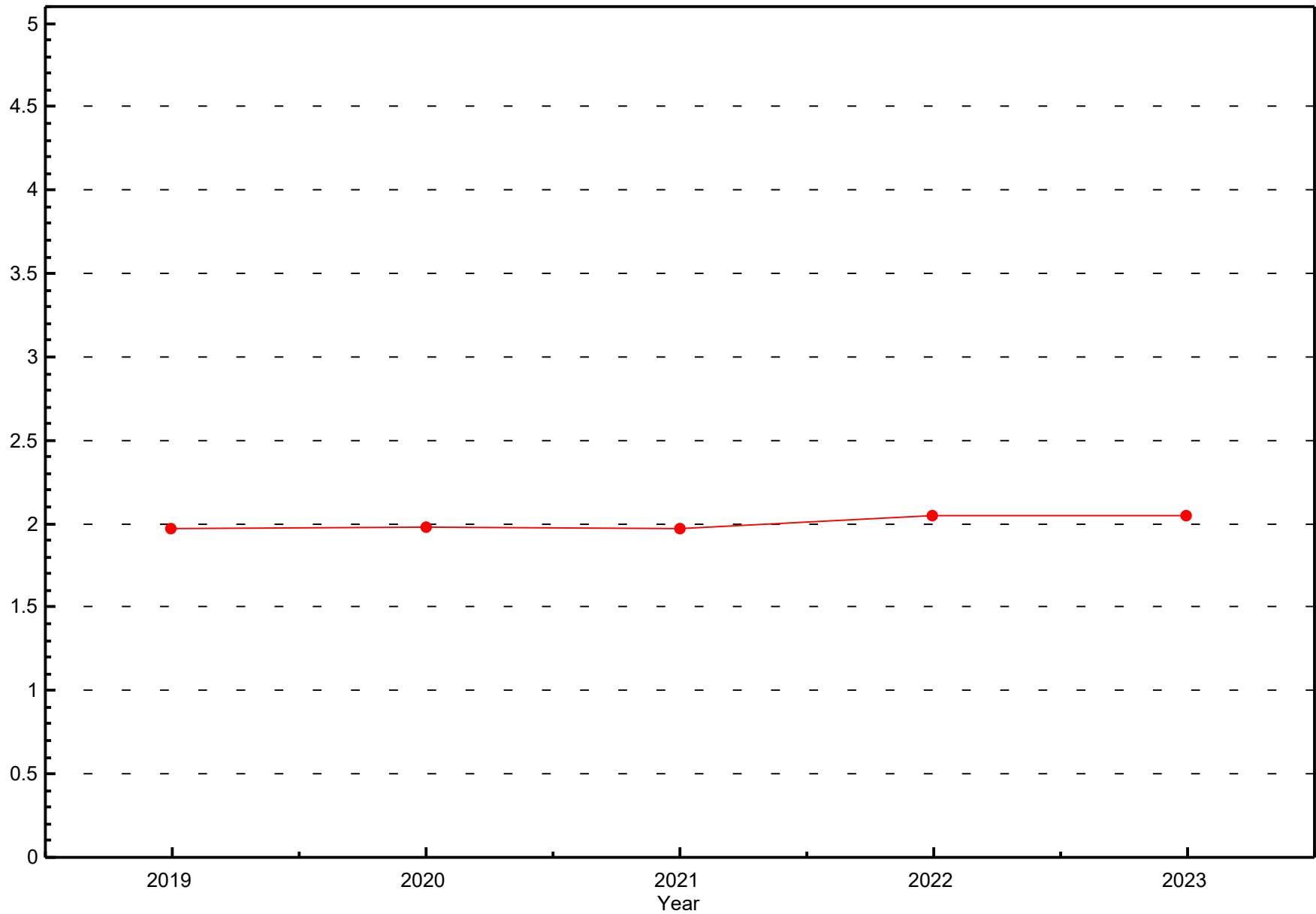
Methane (CH₄) - ppm
Anzac (2019 to 2023)





Yearly Averages

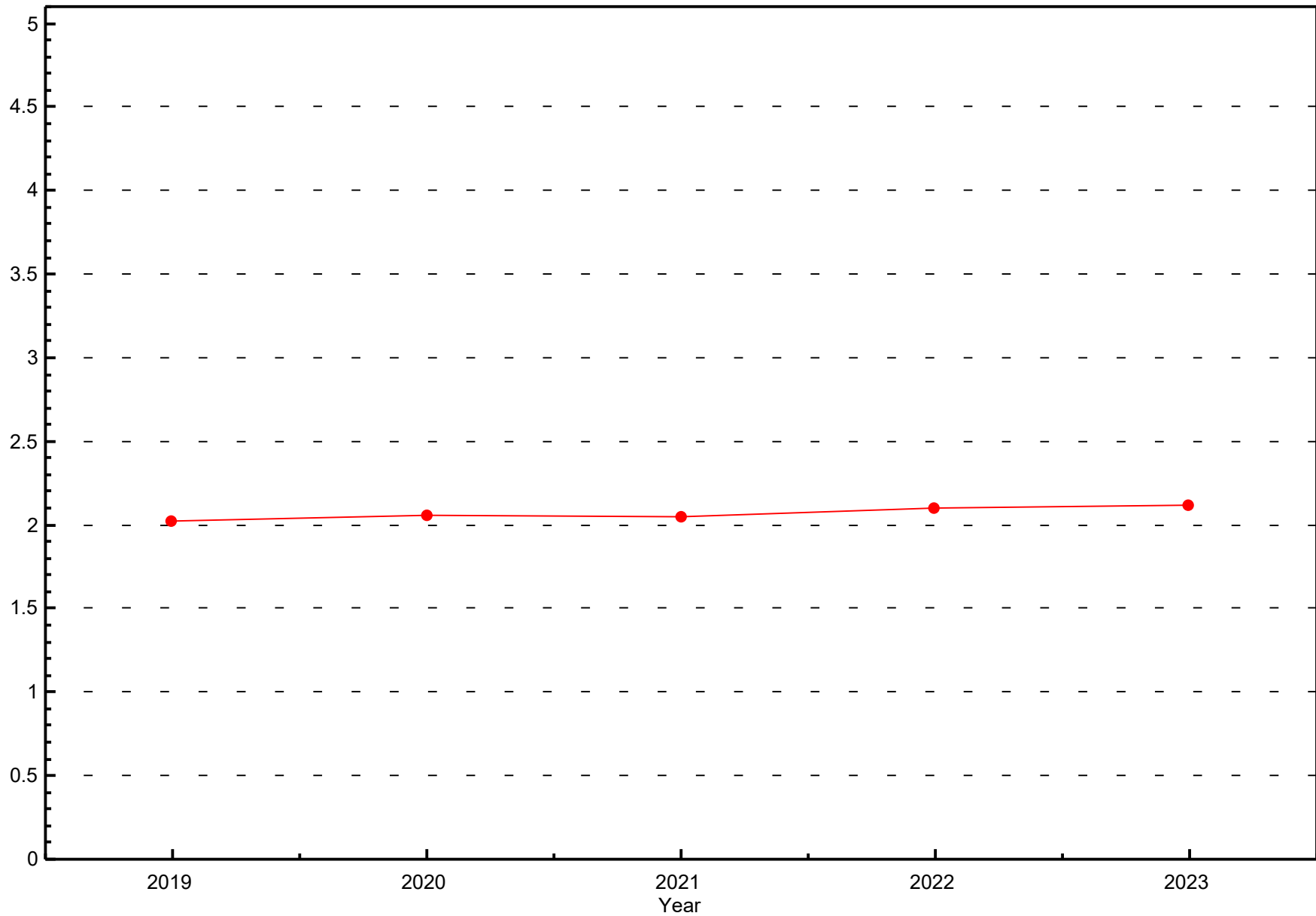
Methane (CH₄) - ppm
Stony Mountain (2019 to 2023)





Yearly Averages

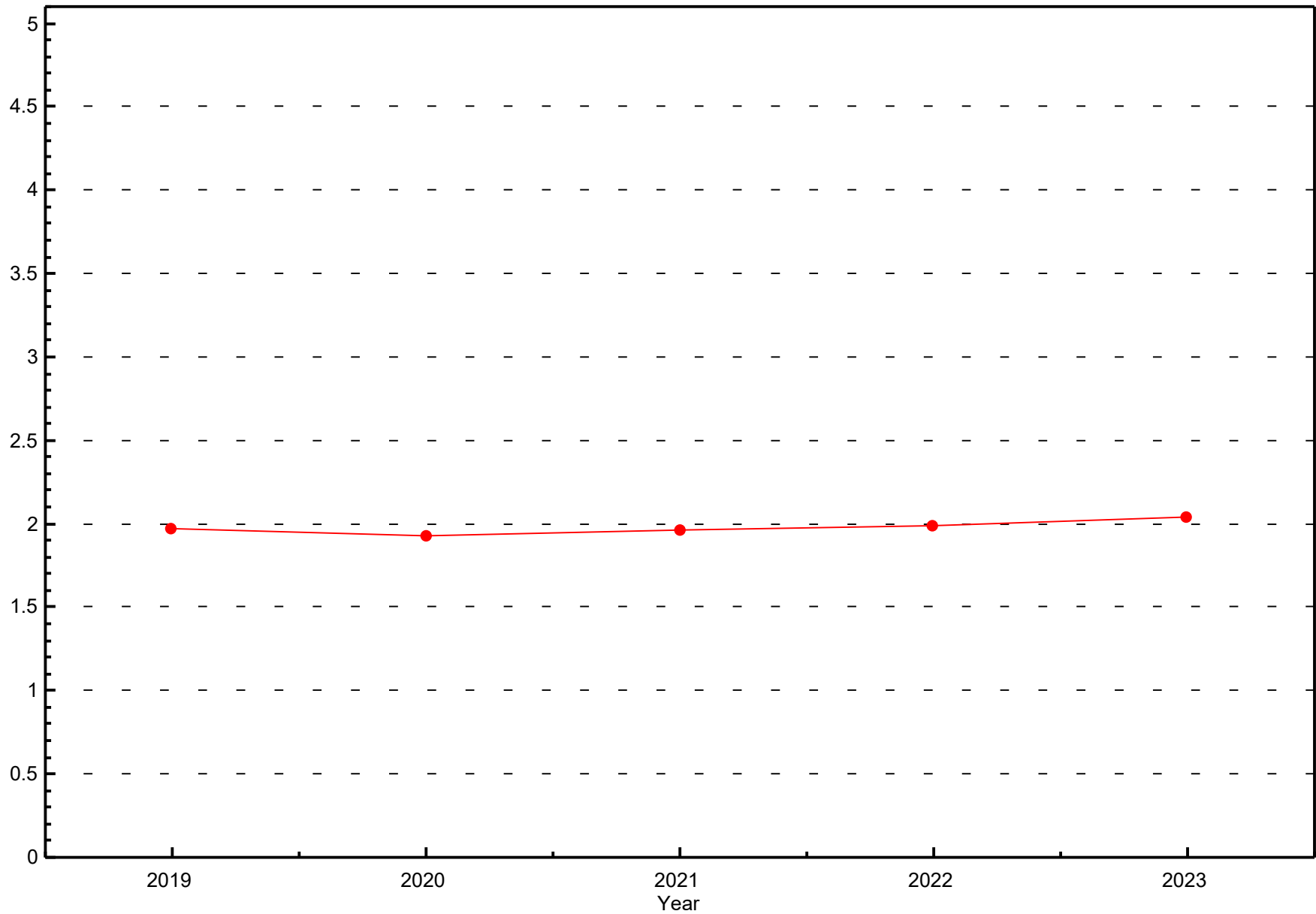
Methane (CH₄) - ppm
Conklin (2019 to 2023)





Yearly Averages

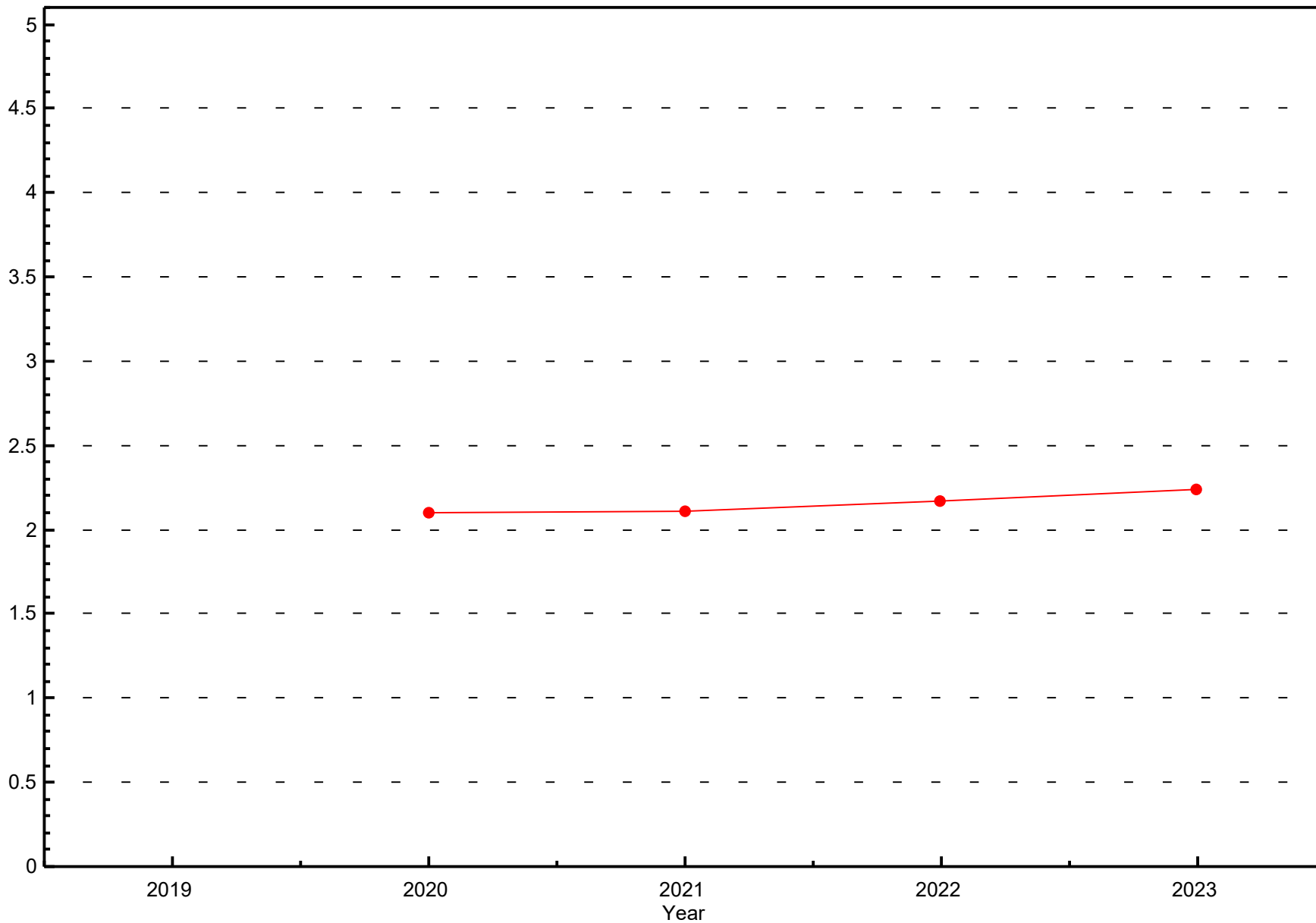
Methane (CH₄) - ppm
Janvier (2019 to 2023)





Yearly Averages

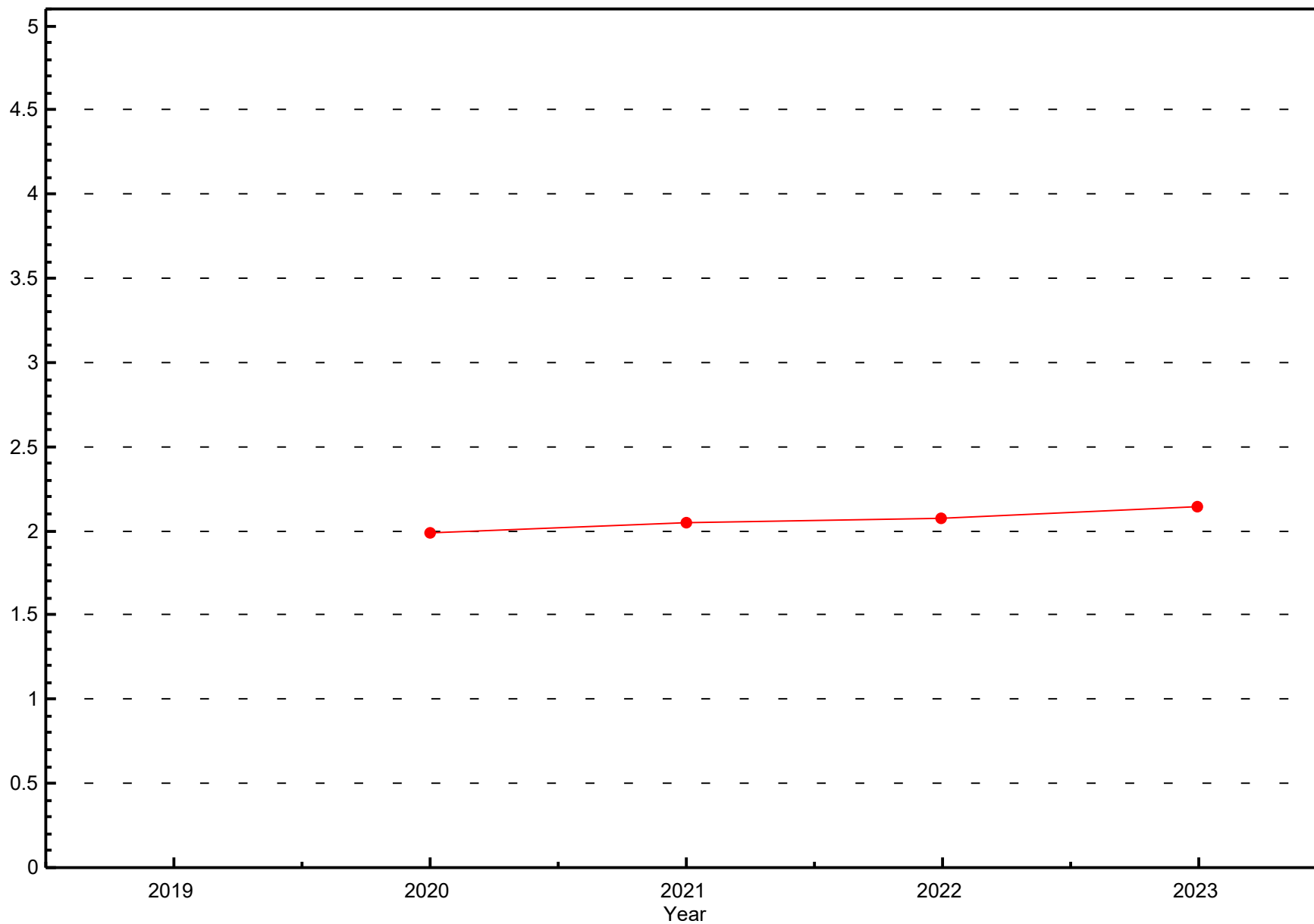
Methane (CH₄) - ppm
Fort Hills (2019 to 2023)





Yearly Averages

Methane (CH₄) - ppm
Ells River (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

CARBON MONOXIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Carbon Monoxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	0.2	0.3	0.3
February	99	629	0.2	0.4	0.3
March	100	706	0.2	0.5	0.2
April	99	682	0.2	0.3	0.3
May	100	708	0.4	2.8	1.7
June	99	678	0.5	1.9	1.2
July	100	708	0.5	2.3	1.4
August	100	707	0.6	3.4	1.1
September	100	685	0.6	2.1	1.4
October	100	707	0.3	0.6	0.4
November	100	687	0.2	0.5	0.3
December	100	709	0.3	0.4	0.3
Annual	100	8315	0.3	3.4	1.7



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Carbon Monoxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	710	0.2	0.6	0.3
February	100	641	0.2	1.0	0.3
March	100	709	0.2	1.6	0.3
April	100	685	0.1	0.3	0.2
May	100	710	0.3	2.9	1.4
June	100	685	0.3	1.5	0.7
July	100	709	0.3	1.7	1.2
August	96	680	0.4	3.6	1.4
September	100	686	0.4	2.1	1.4
October	96	681	0.2	0.9	0.3
November	100	683	0.2	0.8	0.3
December	100	709	0.2	0.8	0.3
Annual	99	8288	0.2	3.6	1.4



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Carbon Monoxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	709	0.0	0.2	0.1
February	100	637	0.0	0.1	0.1
March	97	689	0.0	0.1	0.1
April	100	684	0.0	0.1	0.1
May	94	663	0.1	2.2	0.6
June	100	686	0.2	2.7	0.8
July	90	636	0.2	2.5	0.7
August	96	683	0.4	5.6	1.7
September	98	673	0.4	4.5	1.2
October	99	706	0.1	0.8	0.3
November	99	681	0.0	0.2	0.1
December	100	710	0.0	0.2	0.1
Annual	98	8157	0.1	5.6	1.7



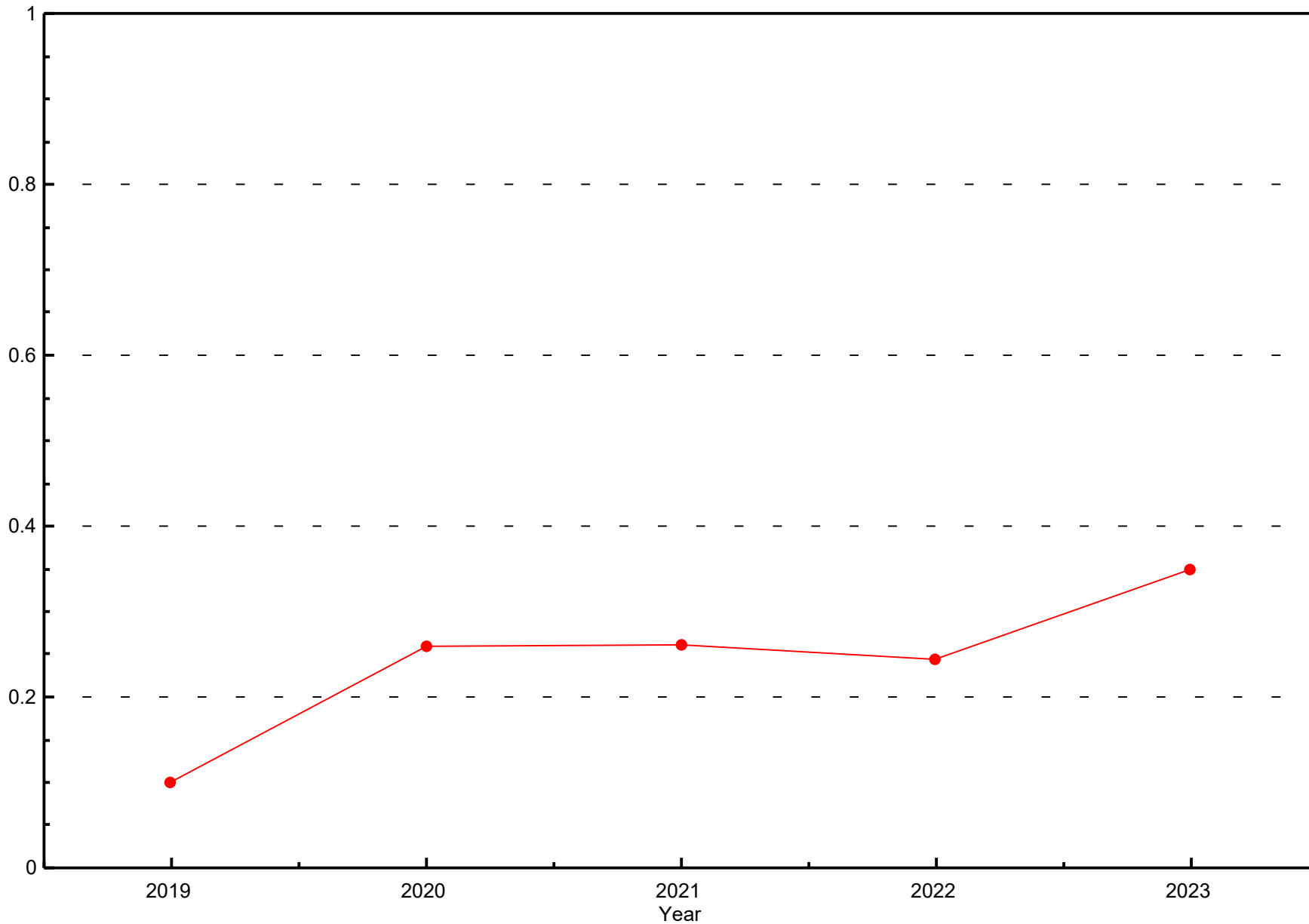
Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Carbon Monoxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	708	0.2	0.5	0.2
February	100	640	0.2	0.2	0.2
March	100	708	0.2	0.2	0.2
April	100	686	0.1	0.2	0.2
May	97	688	0.4	3.3	1.4
June	100	685	0.3	1.2	0.5
July	100	709	0.3	1.4	1.0
August	100	710	0.4	2.2	1.3
September	97	667	0.4	2.4	1.3
October	100	710	0.2	0.3	0.3
November	100	686	0.2	0.2	0.2
December	97	690	0.2	0.2	0.2
Annual	99	8287	0.2	3.3	1.4



Yearly Averages

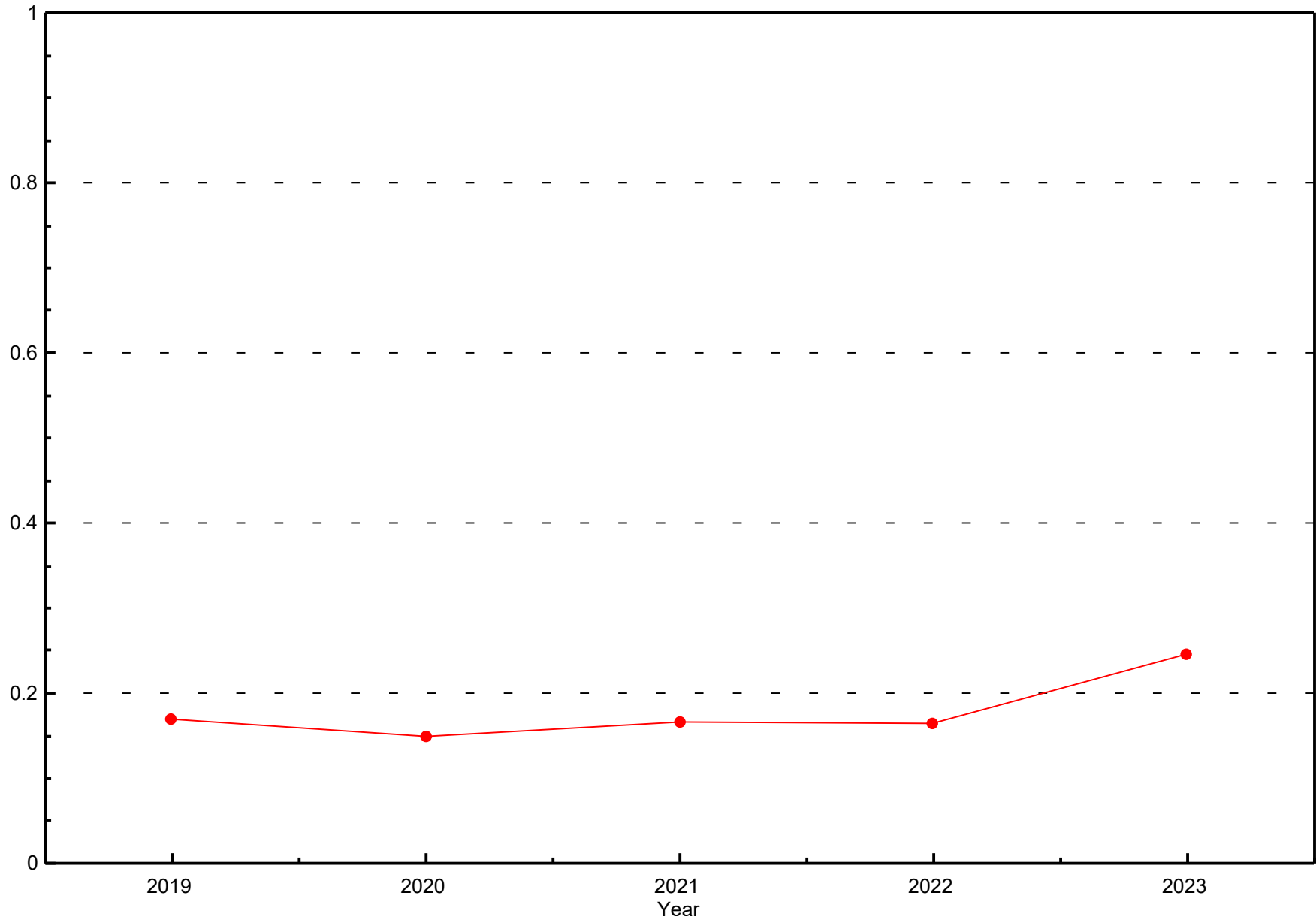
Carbon Monoxide (CO) - ppm
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

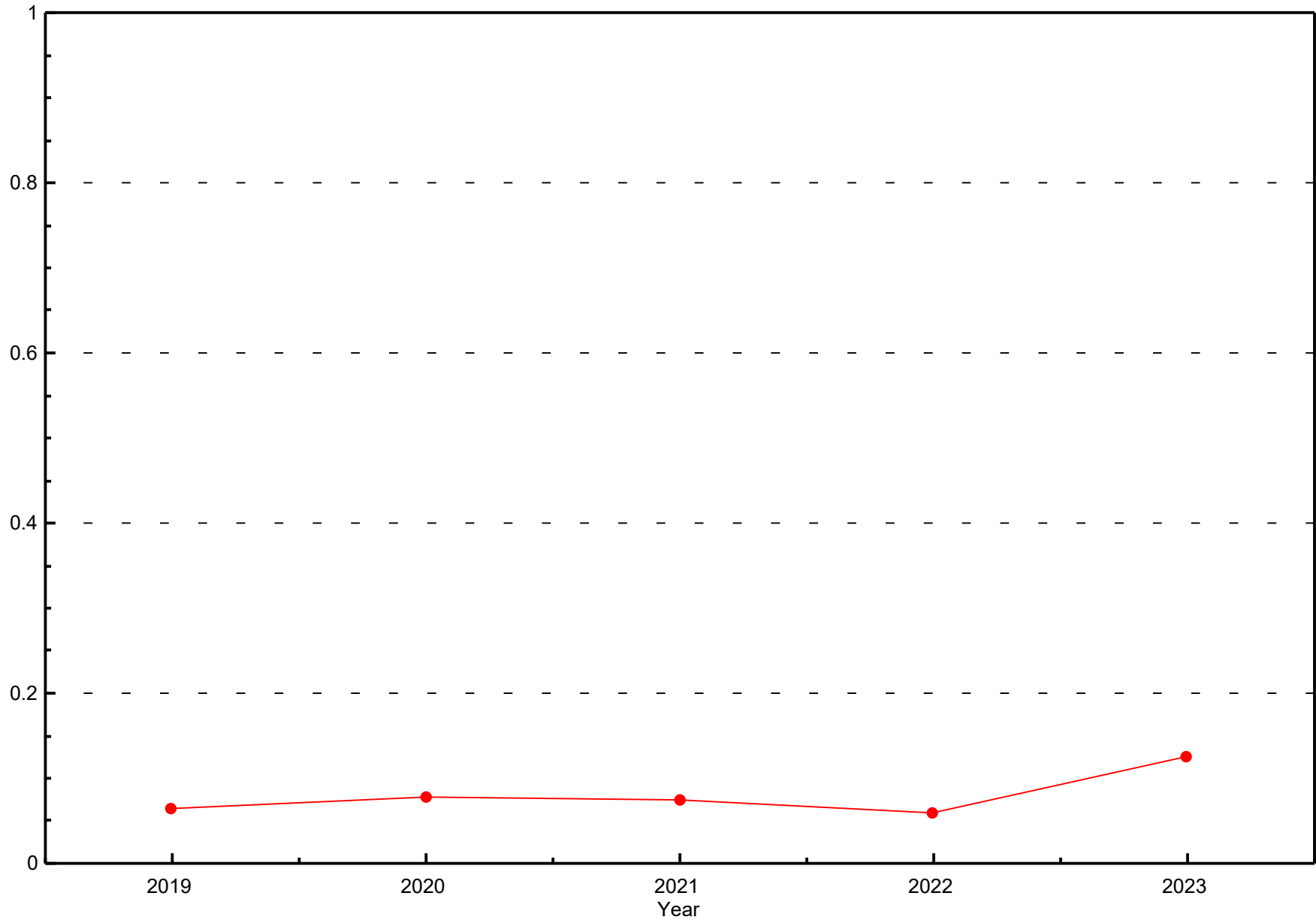
Carbon Monoxide (CO) - ppm
Athabasca Valley (2019 to 2023)





Yearly Averages

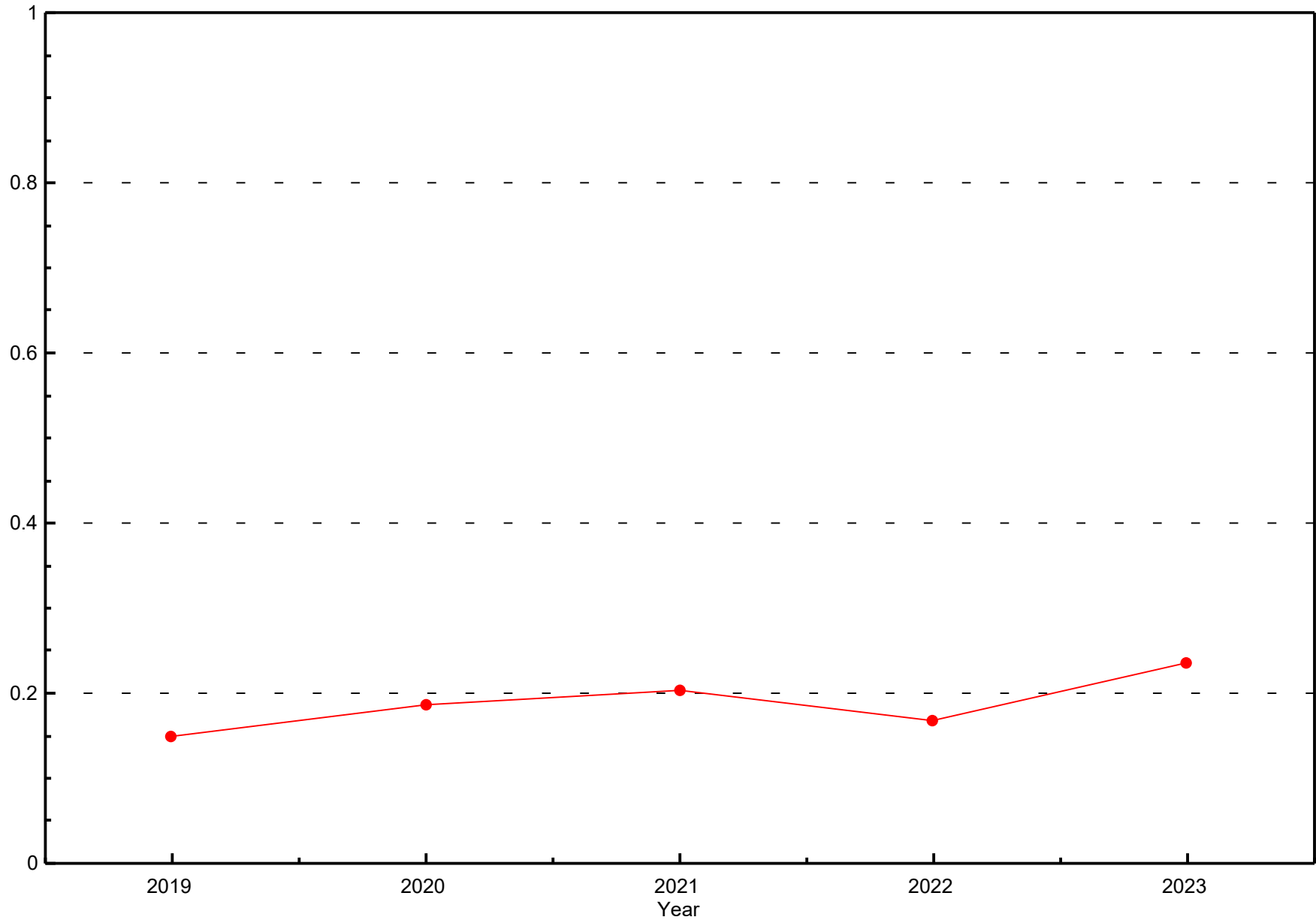
Carbon Monoxide (CO) - ppm
Fort Chipewyan (2019 to 2023)





Yearly Averages

Carbon Monoxide (CO) - ppm
Stony Mountain (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

CARBON DIOXIDE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Carbon Dioxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	708	432.0	461.4	451.6
February	100	637	435.7	465.4	448.1
March	100	706	432.1	465.9	450.0
April	99	682	429.3	449.4	434.4
May	100	708	427.6	496.5	450.0
June	99	677	428.8	524.0	444.2
July	100	707	428.3	526.3	448.4
August	100	706	434.0	544.4	466.5
September	100	684	433.1	534.7	452.2
October	100	708	432.9	537.4	466.8
November	100	687	432.7	480.7	459.0
December	100	709	436.2	469.7	454.5
Annual	100	8319	431.9	544.4	466.8



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Carbon Dioxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	708	432.6	443.4	438.5
February	100	638	438.3	450.5	445.0
March	100	706	429.9	452.9	450.0
April	99	683	427.8	437.6	431.7
May	93	660	412.1	441.6	433.5
June	100	687	389.8	425.2	404.5
July	90	635	399.6	451.2	436.3
August	100	706	425.7	479.4	455.1
September	99	682	432.9	507.7	450.3
October	99	706	431.6	470.6	448.3
November	100	686	433.2	449.4	443.9
December	83	590	441.7	459.4	450.3
Annual	97	8087	424.6	507.7	455.1



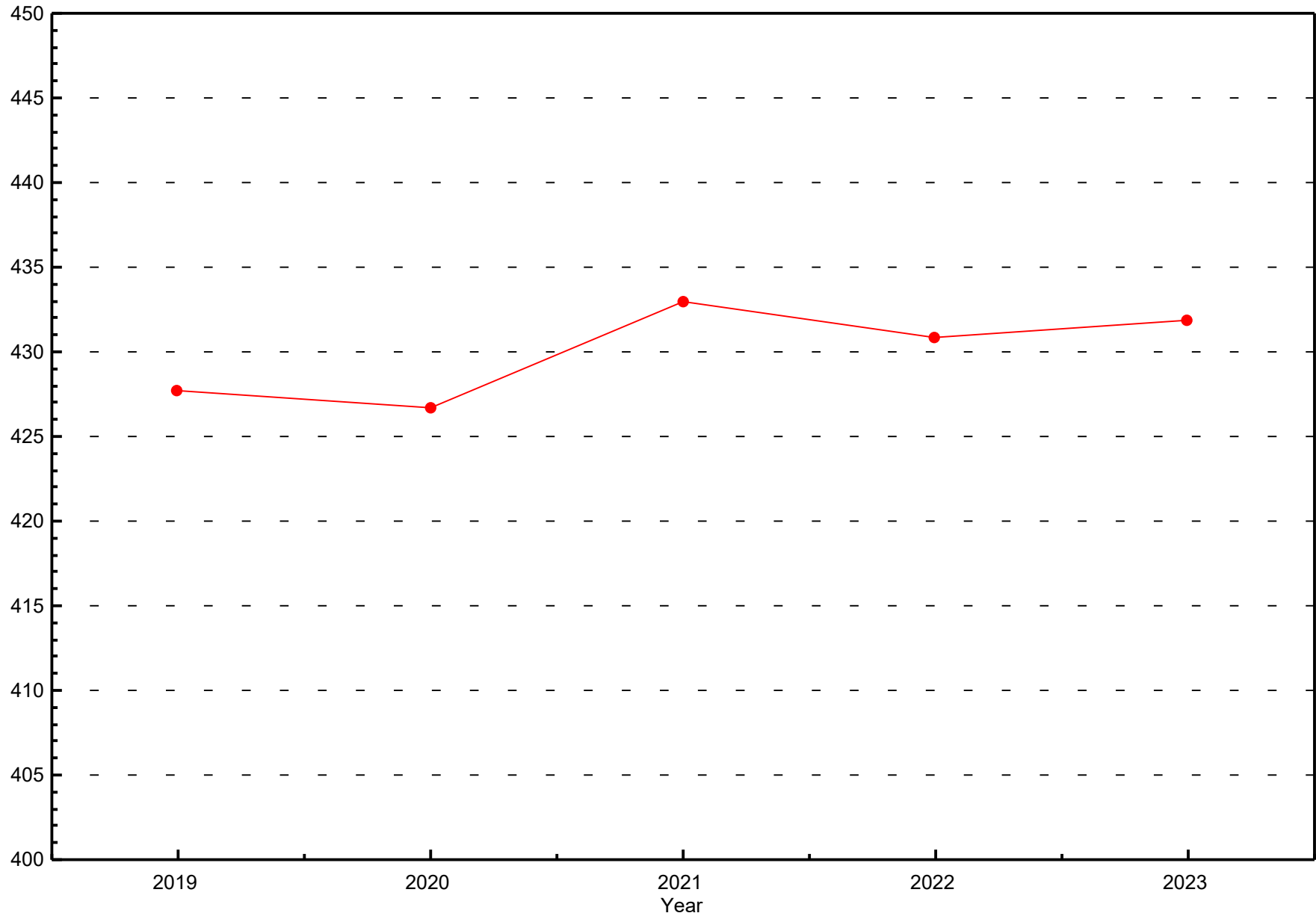
Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Carbon Dioxide (ppm) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	708	446.8	482.9	464.6
February	100	637	440.4	452.4	449.9
March	100	707	439.4	451.4	448.5
April	100	686	444.5	483.1	450.5
May	100	707	432.0	465.8	446.6
June	100	684	422.3	461.4	434.0
July	100	708	410.9	470.4	434.2
August	95	672	415.0	475.8	434.0
September	96	660	416.8	449.9	429.0
October	99	703	418.1	445.3	427.8
November	100	685	427.6	444.1	438.5
December	100	710	435.8	452.6	446.8
Annual	99	8267	429.2	483.1	464.6



Yearly Averages

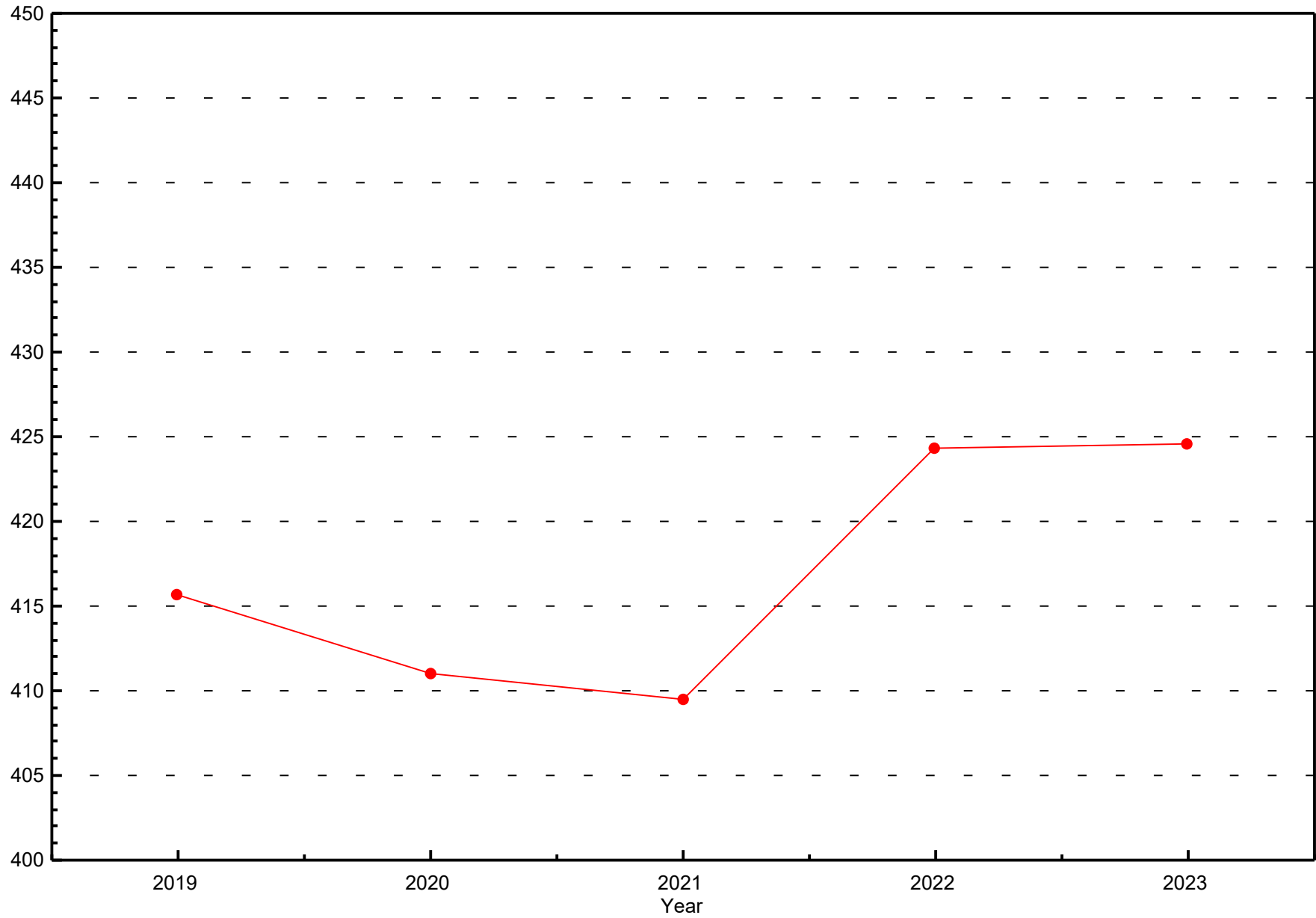
Carbon Dioxide (CO₂) - ppm
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

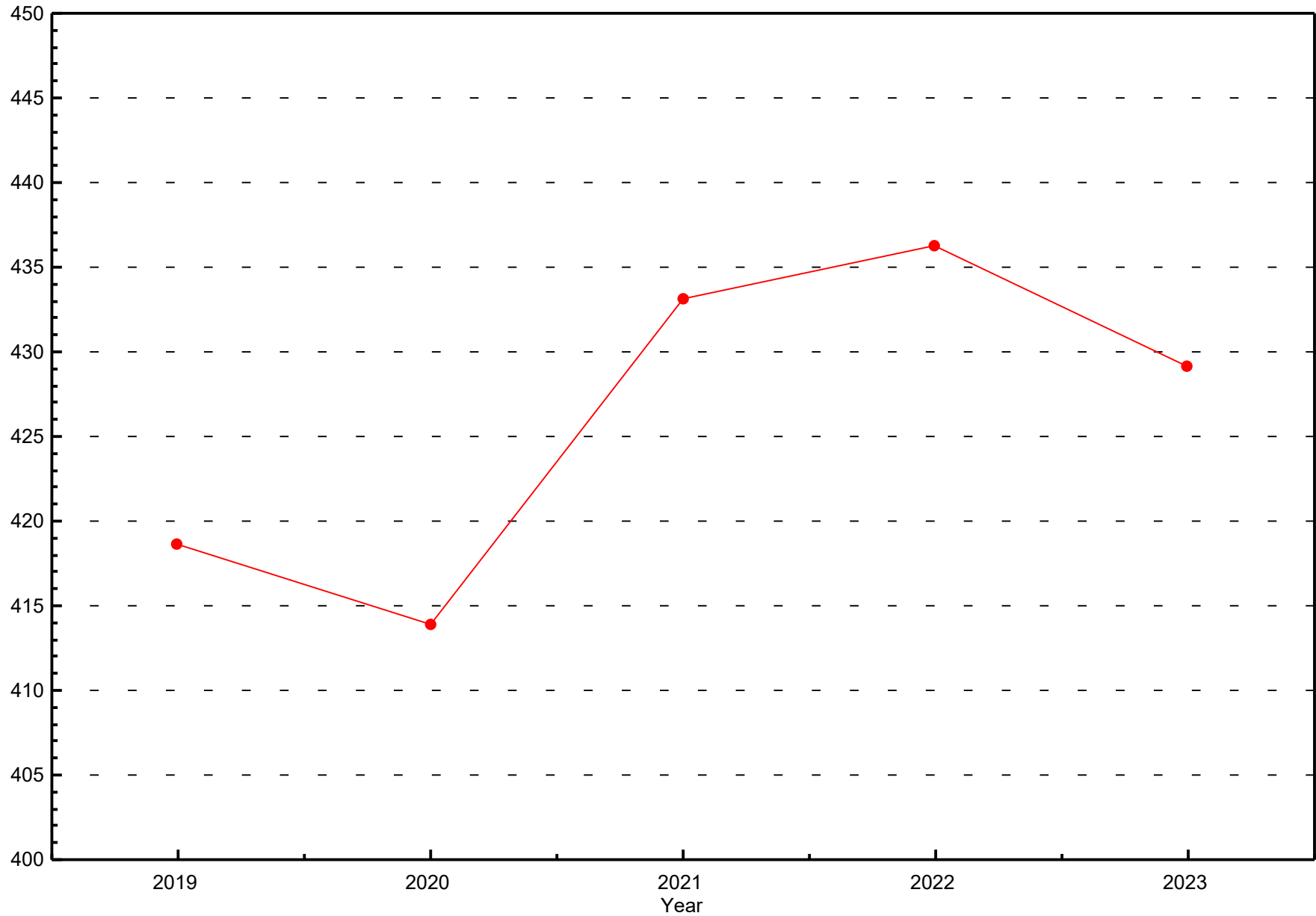
Carbon Dioxide (CO₂) - ppm
Fort Chipewyan (2019 to 2023)





Yearly Averages

Carbon Dioxide (CO₂) - ppm
Stony Mountain (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

AMMONIA ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Ammonia (ppb) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range		
							0 - 1000	1001 - 2000	> 2000
January	54	365	0.0	0.0	0	0.0	100.0	0.0	0.0
February	93	580	0.0	0.0	0	0.0	100.0	0.0	0.0
March	94	646	0.0	0.0	0	0.0	100.0	0.0	0.0
April	94	634	0.0	0.0	0	0.0	100.0	0.0	0.0
May	90	612	0.9	28.2	0	15.7	100.0	0.0	0.0
June	93	627	2.2	63.7	0	31.5	100.0	0.0	0.0
July	94	652	4.0	114.1	0	60.0	100.0	0.0	0.0
August	93	652	2.1	63.0	0	19.0	100.0	0.0	0.0
September	92	618	3.7	43.4	0	24.3	100.0	0.0	0.0
October	86	595	0.0	0.0	0	0.0	100.0	0.0	0.0
November	93	630	0.0	0.0	0	0.0	100.0	0.0	0.0
December	96	669	0.0	0.0	0	0.0	100.0	0.0	0.0
Annual	89	7280	1.1	114.1	0	60.0	100.0	0.0	0.0



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Ammonia (ppb) Average

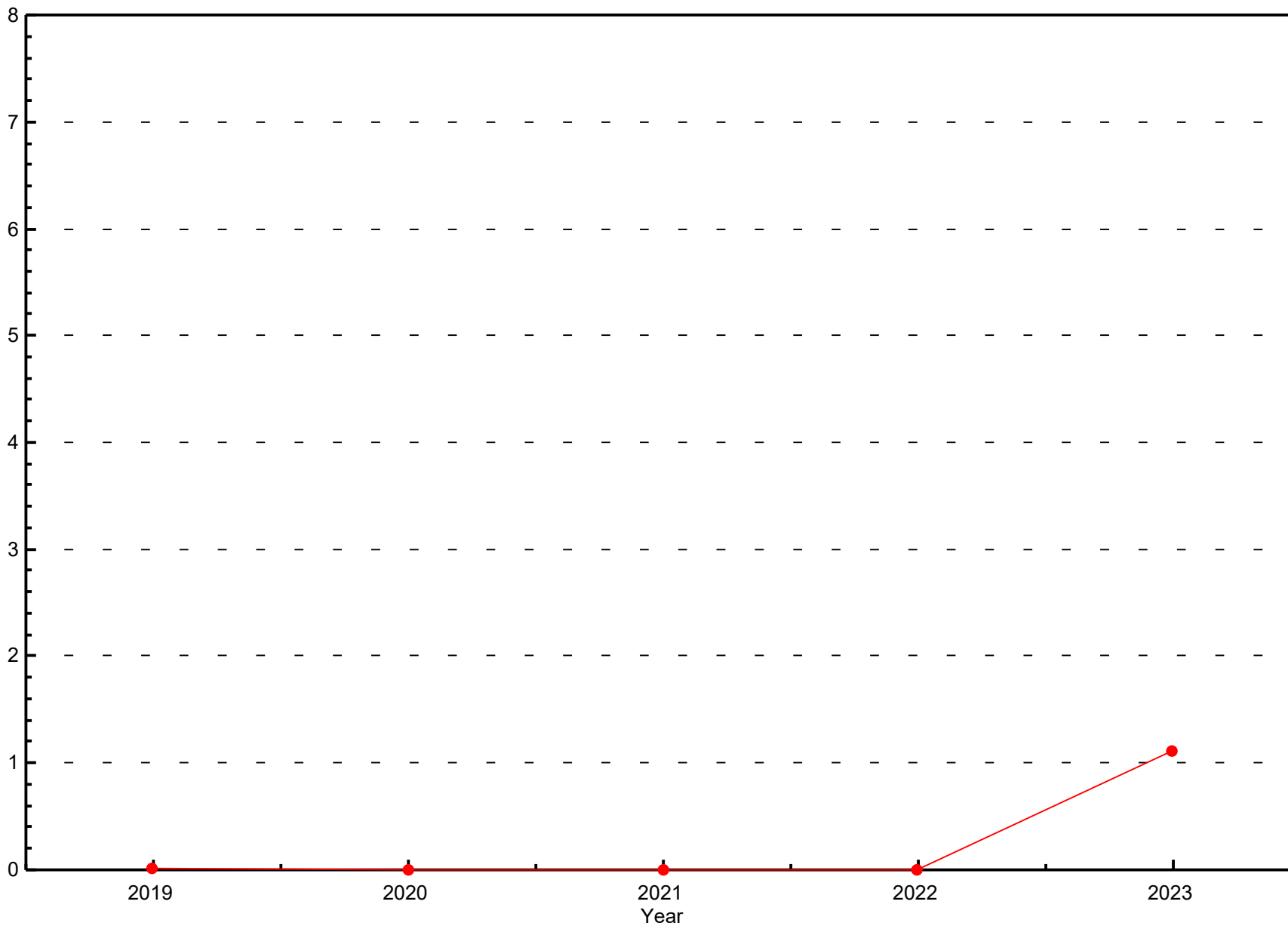
Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	% of Data in Each Concentration Range		
							0 - 1000	1001 - 2000	> 2000
January	93	652	0.0	0.0	0	0.0	100.0	0.0	0.0
February	94	593	0.0	0.0	0	0.0	100.0	0.0	0.0
March	94	661	0.0	0.0	0	0.0	100.0	0.0	0.0
April	92	619	0.0	13.8	0	0.0	100.0	0.0	0.0
May	90	631	1.4	35.7	0	18.1	100.0	0.0	0.0
June	90	603	0.9	23.4	0	12.9	100.0	0.0	0.0
July	90	628	3.6	72.9	0	42.1	100.0	0.0	0.0
August	86	595	2.0	47.1	0	20.9	100.0	0.0	0.0
September	89	603	2.4	64.4	0	30.9	100.0	0.0	0.0
October	91	635	0.0	0.0	0	0.0	100.0	0.0	0.0
November	93	628	0.0	0.0	0	0.0	100.0	0.0	0.0
December	95	670	0.0	0.0	0	0.0	100.0	0.0	0.0
Annual	91	7518	0.8	72.9	0	42.1	100.0	0.0	0.0



Yearly Averages

Ammonia (NH₃) - ppb

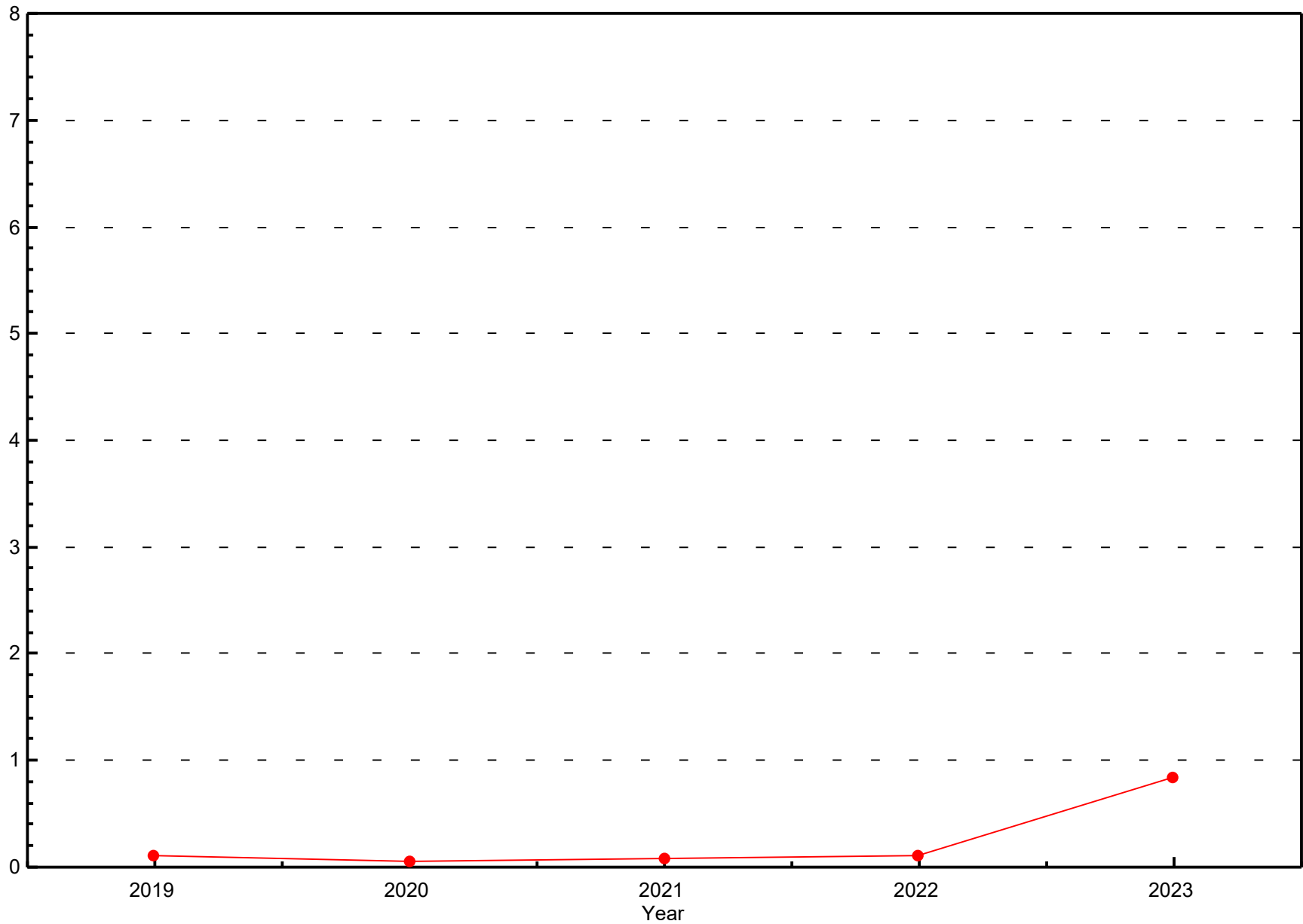
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

Ammonia (NH₃) - ppb
Patricia McInnes (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

PARTICULATE MATTER 2.5 ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.6	39.9	0	20.7	0	40.0	27.9	26.1	5.7	0.4
February	100	669	5.6	50.1	0	11.4	0	65.3	25.4	7.9	0.9	0.5
March	100	739	9.9	97.8	1	29.4	1	37.8	31.7	22.3	4.6	3.7
April	100	716	6.3	34.6	0	10.3	0	51.0	36.9	11.6	0.4	0.1
May	76	561	51.2	554.7	81	354.6	11	7.8	16.2	18.2	13.7	44.0
June	94	676	30.2	307.4	64	178.9	8	20.3	17.9	19.8	15.5	26.5
July	100	741	49.9	489.5	134	267.8	17	16.1	16.6	16.3	8.4	42.7
August	100	742	46.2	471.8	126	165.4	16	16.9	15.8	16.2	11.3	39.9
September	100	718	61.2	433.6	159	286.7	19	2.8	8.9	27.3	13.0	48.1
October	99	737	6.6	36.9	0	17.8	0	49.3	39.1	8.3	2.9	0.5
November	100	718	5.8	28.9	0	14.5	0	58.9	29.8	10.2	1.1	0.0
December	100	742	6.6	45.5	0	18.7	0	52.6	29.9	14.8	2.6	0.1
Annual	97	8502	23.5	554.7	565	354.6	72	35.3	24.9	16.5	6.5	16.7



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	9.0	159.9	5	43.1	1	43.6	28.9	19.9	5.0	2.6
February	100	671	6.0	48.0	0	13.3	0	59.2	29.5	9.7	0.9	0.8
March	97	722	7.3	44.6	0	19.1	0	54.2	31.2	9.7	3.5	1.5
April	100	719	5.0	20.0	0	8.8	0	65.9	29.5	4.6	0.0	0.0
May	92	683	32.0	220.2	71	73.2	14	7.5	20.6	24.3	16.1	31.5
June	100	719	31.7	224.6	84	166.4	9	21.6	14.6	21.6	13.4	28.9
July	100	744	53.9	448.5	150	270.1	18	16.1	15.9	12.9	10.0	45.2
August	100	741	49.9	475.5	152	187.9	16	12.3	17.1	18.9	6.2	45.5
September	100	718	62.3	504.0	154	348.1	17	4.2	12.4	20.1	15.5	47.9
October	100	743	7.5	42.5	0	25.7	0	46.7	35.7	12.0	3.6	2.0
November	100	717	6.6	77.0	0	17.0	0	53.8	32.9	11.4	1.7	0.1
December	100	742	4.7	60.1	0	24.0	0	83.6	7.0	5.3	3.2	0.9
Annual	99	8662	23.1	504.0	616	348.1	75	38.8	23.0	14.2	6.5	17.4



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.1	67.2	0	24.2	0	47.2	29.3	15.6	5.1	2.7
February	100	671	4.2	21.1	0	10.3	0	75.7	21.2	3.0	0.2	0.0
March	100	743	5.1	25.9	0	9.1	0	69.5	25.6	4.6	0.4	0.0
April	100	719	4.5	22.5	0	7.8	0	74.1	22.5	3.2	0.1	0.0
May	100	742	42.8	596.9	93	324.9	14	18.2	19.7	19.8	11.7	30.6
June	80	577	26.3	196.4	43	127.7	8	28.8	10.9	19.2	15.4	25.7
July	100	742	45.5	429.1	120	271.6	12	24.8	11.7	15.5	14.4	33.6
August	100	743	39.4	342.1	89	162.8	16	19.9	20.9	12.5	9.6	37.2
September	100	719	53.7	439.3	136	319.4	15	10.6	12.2	23.1	15.9	38.3
October	100	743	5.0	32.0	0	14.7	0	74.4	17.8	6.7	0.9	0.1
November	98	703	4.9	29.8	0	11.6	0	70.8	23.2	5.6	0.4	0.0
December	98	731	5.1	34.3	0	16.2	0	69.1	18.9	10.0	1.6	0.4
Annual	98	8576	20.4	596.9	481	324.9	65	48.4	19.7	11.6	6.3	14.1



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.4	71.9	0	20.1	0	47.1	31.0	13.7	5.3	3.0
February	100	670	4.8	63.0	0	10.3	0	70.6	25.5	3.1	0.2	0.6
March	100	743	5.5	74.7	0	10.1	0	62.3	31.2	5.7	0.5	0.3
April	98	702	5.0	18.9	0	8.5	0	67.4	28.4	4.3	0.0	0.0
May	99	739	46.9	614.3	106	330.1	16	9.7	20.7	21.0	15.4	33.2
June	100	718	29.6	271.8	68	169.1	8	24.7	13.8	22.6	12.0	27.0
July	100	740	44.7	404.4	128	254.8	12	25.3	11.9	15.0	13.8	34.1
August	100	738	43.0	390.2	91	207.3	16	16.1	20.6	15.3	9.2	38.8
September	100	718	51.0	510.8	120	319.3	14	9.3	14.2	28.7	11.6	36.2
October	100	743	6.4	36.4	0	16.0	0	53.2	36.2	7.7	2.7	0.3
November	100	716	5.2	66.7	0	15.4	0	72.1	19.8	7.1	0.7	0.3
December	100	738	4.1	24.1	0	13.5	0	82.1	13.7	3.9	0.3	0.0
Annual	100	8708	21.4	614.3	513	330.1	66	44.6	22.4	12.4	6.0	14.6



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Number of Values		Number of Values		% of Data in Each Concentration Range				
				Maximum 1-Hour Value	Exceeding 1-Hour Objective	Maximum 24-Hour Value	Exceeding 24-Hour Objective	0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	742	3.2	15.0	0	8.2	0	82.1	16.7	1.2	0.0	0.0
February	100	670	1.8	17.3	0	4.4	0	97.3	2.5	0.2	0.0	0.0
March	100	739	2.9	12.7	0	4.5	0	97.4	2.4	0.1	0.0	0.0
April	100	719	2.7	47.9	0	5.4	0	95.8	3.9	0.1	0.0	0.1
May	100	739	42.0	806.4	109	247.0	12	34.6	13.1	15.8	10.3	26.1
June	100	718	29.7	501.2	61	195.8	7	43.0	14.4	8.6	7.1	26.9
July	100	739	49.5	417.8	150	165.7	17	27.9	12.9	7.0	6.6	45.6
August	100	742	72.6	810.3	209	326.0	19	15.2	9.2	15.4	6.2	54.0
September	100	717	88.5	685.6	279	286.9	20	1.4	7.7	20.1	14.4	56.5
October	100	739	14.1	187.8	11	69.8	3	31.0	33.0	19.8	5.4	10.8
November	96	692	7.2	44.6	0	21.8	0	53.6	27.8	14.2	3.3	1.2
December	100	742	5.9	36.8	0	21.2	0	67.8	17.7	10.5	3.2	0.8
Annual	100	8698	26.8	810.3	819	326.0	78	53.6	12.9	9.6	4.8	19.1



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	742	8.5	93.0	1	27.7	0	40.4	29.8	24.8	3.8	1.2
February	99	665	7.1	39.7	0	15.6	0	47.5	34.9	13.5	3.6	0.5
March	100	743	8.6	57.7	0	23.3	0	47.6	27.9	16.6	5.1	2.8
April	99	711	5.7	27.9	0	10.4	0	58.7	30.5	9.9	1.0	0.0
May	100	742	42.4	489.2	94	312.4	14	12.1	15.1	25.6	15.5	31.7
June	99	714	33.8	295.2	79	177.0	10	18.8	16.0	21.9	14.3	29.1
July	100	744	46.6	450.1	123	246.1	17	15.9	17.2	16.7	10.4	39.9
August	100	742	43.9	447.4	101	166.4	17	16.0	17.1	17.0	9.8	40.0
September	100	717	63.4	431.3	159	291.6	20	1.4	9.6	23.2	16.5	49.4
October	99	738	8.3	47.0	0	20.0	0	39.7	36.3	17.3	5.3	1.4
November	100	719	6.4	35.8	0	16.5	0	56.6	28.0	13.8	1.5	0.1
December	100	743	7.8	36.8	0	22.1	0	44.3	29.1	22.2	4.0	0.4
Annual	100	8720	23.7	489.2	557	312.4	78	33.1	24.3	18.6	7.6	16.5



Wood Buffalo Environmental Association - Fort McKay South (AMS13)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.3	78.8	0	28.4	0	42.9	30.7	20.3	5.1	0.9
February	100	670	4.8	21.9	0	10.1	0	71.0	22.8	6.0	0.2	0.0
March	100	739	8.1	57.4	0	20.9	0	46.0	34.0	14.9	2.3	2.8
April	100	718	6.8	36.9	0	12.6	0	48.3	36.4	13.7	1.5	0.1
May	100	744	51.9	582.9	132	366.8	18	7.9	14.7	16.9	17.5	43.0
June	99	713	41.4	321.8	99	206.1	12	13.5	15.3	16.4	18.0	36.9
July	100	743	49.7	440.9	129	283.9	16	17.8	16.8	14.5	10.5	40.4
August	100	742	44.6	446.4	128	165.8	16	15.6	17.8	17.9	8.2	40.4
September	100	718	64.0	464.6	170	311.6	20	2.8	7.8	24.0	17.8	47.6
October	99	738	6.1	32.3	0	16.6	0	52.7	37.7	7.1	2.4	0.1
November	100	718	4.7	33.9	0	12.9	0	73.7	20.5	5.4	0.3	0.1
December	100	743	6.0	25.6	0	18.0	0	55.1	33.1	10.6	1.2	0.0
Annual	100	8729	24.8	582.9	658	366.8	82	37.0	24.0	14.0	7.1	17.8



Wood Buffalo Environmental Association - Anzac (AMS14)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	741	4.7	33.2	0	10.7	0	64.9	29.3	5.3	0.4	0.1
February	100	671	3.9	212.4	2	23.1	0	87.9	10.3	0.8	0.3	0.8
March	100	742	3.7	52.0	0	7.5	0	88.7	8.9	2.0	0.3	0.1
April	99	715	3.2	30.8	0	6.0	0	92.3	7.0	0.6	0.0	0.1
May	100	743	43.0	599.7	118	276.7	13	28.5	14.3	17.4	13.3	26.5
June	97	698	27.2	231.7	71	142.1	8	27.8	17.3	20.5	10.9	23.5
July	98	728	39.8	360.5	115	197.8	11	29.0	9.3	17.3	13.5	30.9
August	99	732	37.0	380.8	62	189.9	12	23.8	18.6	16.9	7.7	33.1
September	100	718	46.1	480.9	107	324.5	13	11.8	21.2	25.4	10.3	31.3
October	100	743	4.7	27.1	0	13.8	0	81.0	13.1	4.4	1.5	0.0
November	100	720	4.9	45.9	0	13.3	0	75.3	16.4	6.7	1.4	0.3
December	100	740	4.0	56.0	0	11.8	0	79.9	14.3	4.9	0.5	0.4
Annual	99	8691	18.6	599.7	475	324.5	57	58.0	14.8	9.9	5.0	12.4



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	5.8	38.7	0	18.5	0	61.6	25.6	9.6	2.7	0.5
February	100	671	2.5	9.0	0	5.1	0	95.1	4.9	0.0	0.0	0.0
March	100	742	3.5	28.4	0	7.1	0	91.9	6.5	1.4	0.3	0.0
April	100	717	3.4	12.1	0	5.8	0	91.2	8.7	0.1	0.0	0.0
May	100	743	43.2	476.6	110	254.0	12	21.3	18.0	21.1	10.1	29.5
June	100	719	34.2	363.4	92	218.3	9	26.6	12.7	20.2	12.7	28.0
July	100	742	41.9	309.3	124	187.8	18	24.7	10.8	11.3	9.3	43.9
August	100	741	42.3	476.3	112	138.5	16	18.8	18.0	13.4	9.3	40.6
September	100	718	58.3	552.7	157	283.0	15	5.2	18.9	23.1	14.1	38.7
October	100	741	5.2	25.6	0	12.1	0	68.7	25.0	5.1	1.2	0.0
November	100	717	4.2	18.9	0	11.6	0	80.6	15.6	3.8	0.0	0.0
December	100	742	3.6	18.0	0	9.6	0	84.8	12.3	3.0	0.0	0.0
Annual	100	8736	20.8	552.7	595	283.0	70	55.5	14.9	9.4	5.0	15.3



Wood Buffalo Environmental Association - Stony Mountain (AMS18)

Annual Summary for the Year 2023

Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	742	6.3	105.8	3	22.9	0	61.3	21.3	14.7	2.2	0.5
February	100	671	2.2	22.8	0	5.5	0	96.3	3.4	0.2	0.2	0.0
March	100	741	3.4	17.7	0	7.3	0	91.5	6.6	1.9	0.0	0.0
April	95	680	3.4	11.4	0	6.2	0	88.2	11.6	0.2	0.0	0.0
May	100	743	43.5	756.6	113	273.0	10	31.6	17.4	17.0	12.0	22.1
June	100	718	24.8	160.7	57	86.4	10	25.5	19.6	20.3	10.2	24.4
July	100	741	34.5	388.4	61	228.7	11	30.5	9.5	14.8	13.5	31.7
August	100	741	30.7	302.0	53	164.8	10	19.4	22.4	16.9	12.4	28.9
September	98	707	45.4	522.1	96	306.3	13	15.6	15.1	28.4	10.6	30.3
October	100	741	4.0	18.5	0	12.2	0	84.9	12.2	3.0	0.0	0.0
November	100	718	4.2	19.1	0	14.9	0	81.2	13.4	5.4	0.0	0.0
December	94	701	3.6	16.0	0	9.7	0	80.6	15.4	4.0	0.0	0.0
Annual	99	8644	17.4	756.6	383	306.3	54	60.4	13.9	9.4	5.1	11.2



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.1	82.5	1	43.2	1	53.0	23.6	17.4	2.7	3.4
February	100	671	3.1	20.4	0	6.7	0	90.5	8.1	1.5	0.0	0.0
March	100	741	4.4	43.3	0	8.3	0	80.2	15.0	4.5	0.3	0.1
April	100	719	5.4	41.7	0	9.1	0	67.6	26.3	4.3	0.7	1.1
May	99	734	50.8	725.7	114	318.1	10	14.0	22.6	19.5	15.5	28.3
June	100	718	28.6	188.1	64	99.0	10	20.8	17.4	22.8	9.5	29.5
July	100	742	35.6	348.3	63	212.8	13	19.3	12.5	20.2	12.9	35.0
August	99	733	34.0	286.8	66	158.5	11	18.1	16.1	19.0	14.9	31.9
September	100	717	46.6	517.5	95	314.2	13	9.1	12.4	33.5	13.3	31.8
October	99	737	9.0	192.9	7	29.9	1	55.0	28.8	10.0	1.5	4.8
November	100	718	4.9	40.1	0	15.7	0	72.0	20.1	7.5	0.3	0.1
December	100	742	4.9	78.8	0	17.3	0	71.8	18.6	8.0	0.8	0.8
Annual	100	8715	19.7	725.7	410	318.1	59	47.2	18.5	14.2	6.1	14.0



Wood Buffalo Environmental Association - Janvier (AMS22)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	94	699	6.4	63.6	0	25.4	0	55.5	28.6	13.0	1.6	1.3
February	100	669	2.7	31.3	0	6.5	0	92.8	6.9	0.0	0.2	0.2
March	100	741	3.7	18.7	0	7.1	0	88.4	9.5	2.2	0.0	0.0
April	100	718	4.3	124.7	2	9.3	0	85.9	11.8	1.3	0.4	0.6
May	100	741	54.5	670.2	142	259.0	11	29.7	16.3	13.1	14.7	26.2
June	99	714	30.5	570.5	75	128.4	10	26.2	15.8	22.7	8.8	26.5
July	100	743	32.3	293.5	65	150.6	13	28.9	11.0	10.9	15.5	33.7
August	98	726	30.3	312.7	51	163.3	10	18.6	21.5	18.7	11.6	29.6
September	100	718	40.8	406.2	92	261.0	12	13.7	23.8	27.7	8.2	26.6
October	100	742	4.1	29.5	0	11.0	0	83.6	12.9	3.1	0.4	0.0
November	100	716	4.0	24.1	0	13.0	0	83.4	10.5	5.9	0.3	0.0
December	100	742	3.6	26.1	0	8.6	0	80.3	17.7	1.8	0.3	0.0
Annual	99	8669	18.2	670.2	427	261.0	56	56.9	15.6	10.0	5.2	12.2



Wood Buffalo Environmental Association - Fort Hills (AMS23)

Annual Summary for the Year 2023

Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	8.3	63.2	0	26.6	0	44.7	28.3	20.6	5.5	0.9
February	100	670	5.4	44.8	0	14.7	0	65.8	26.0	7.0	0.8	0.5
March	96	716	12.5	227.8	11	38.8	4	37.4	29.1	19.7	6.8	7.0
April	95	680	9.5	142.8	5	34.4	1	45.9	29.6	15.4	4.6	4.6
May	98	729	48.8	502.7	113	327.1	18	7.7	16.6	21.1	16.1	38.6
June	100	719	36.7	367.9	81	209.4	11	17.8	16.1	17.0	15.9	33.2
July	99	738	55.8	452.3	149	288.2	18	13.8	13.8	14.4	10.6	47.4
August	96	714	56.2	930.4	161	229.4	18	11.9	17.2	15.6	9.0	46.4
September	100	717	72.0	583.9	208	295.1	23	1.7	9.1	20.9	11.7	56.6
October	100	739	8.6	122.2	3	25.1	0	41.5	38.2	14.6	3.8	1.9
November	100	717	5.8	35.4	0	15.5	0	61.1	27.8	9.5	1.5	0.1
December	100	742	5.6	39.7	0	19.3	0	67.5	17.7	12.1	2.0	0.7
Annual	99	8624	27.2	930.4	731	327.1	93	34.4	22.4	15.7	7.4	20.1



Wood Buffalo Environmental Association - Surmont 2 (AMS29)

Annual Summary for the Year 2023

Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	4.4	41.4	0	15.5	0	73.1	22.2	2.8	1.1	0.8
February	100	670	2.4	12.0	0	7.2	0	93.7	5.8	0.5	0.0	0.0
March	99	737	3.8	88.8	1	13.2	0	90.5	7.1	1.4	0.4	0.7
April	100	718	4.4	85.3	1	15.5	0	86.5	8.9	3.1	0.4	1.1
May	100	741	47.4	595.6	131	243.7	13	27.0	15.9	17.8	13.1	26.2
June	100	716	22.9	167.0	62	99.6	7	29.8	21.2	17.3	9.6	22.1
July	97	718	34.3	324.2	96	151.9	11	27.2	11.4	19.4	11.0	31.1
August	100	741	32.4	348.3	54	150.5	11	20.4	17.5	20.2	9.6	32.3
September	99	710	43.7	442.1	109	301.5	14	12.1	26.1	22.5	10.0	29.3
October	100	741	4.2	49.6	0	10.8	0	81.5	14.6	3.2	0.5	0.1
November	100	718	3.5	17.2	0	9.7	0	87.1	10.9	2.1	0.0	0.0
December	100	741	2.7	14.3	0	9.3	0	87.9	10.7	1.5	0.0	0.0
Annual	100	8694	17.2	595.6	454	301.5	56	60.0	14.5	9.2	4.6	11.8



Wood Buffalo Environmental Association - Ells River (AMS30)

Annual Summary for the Year 2023

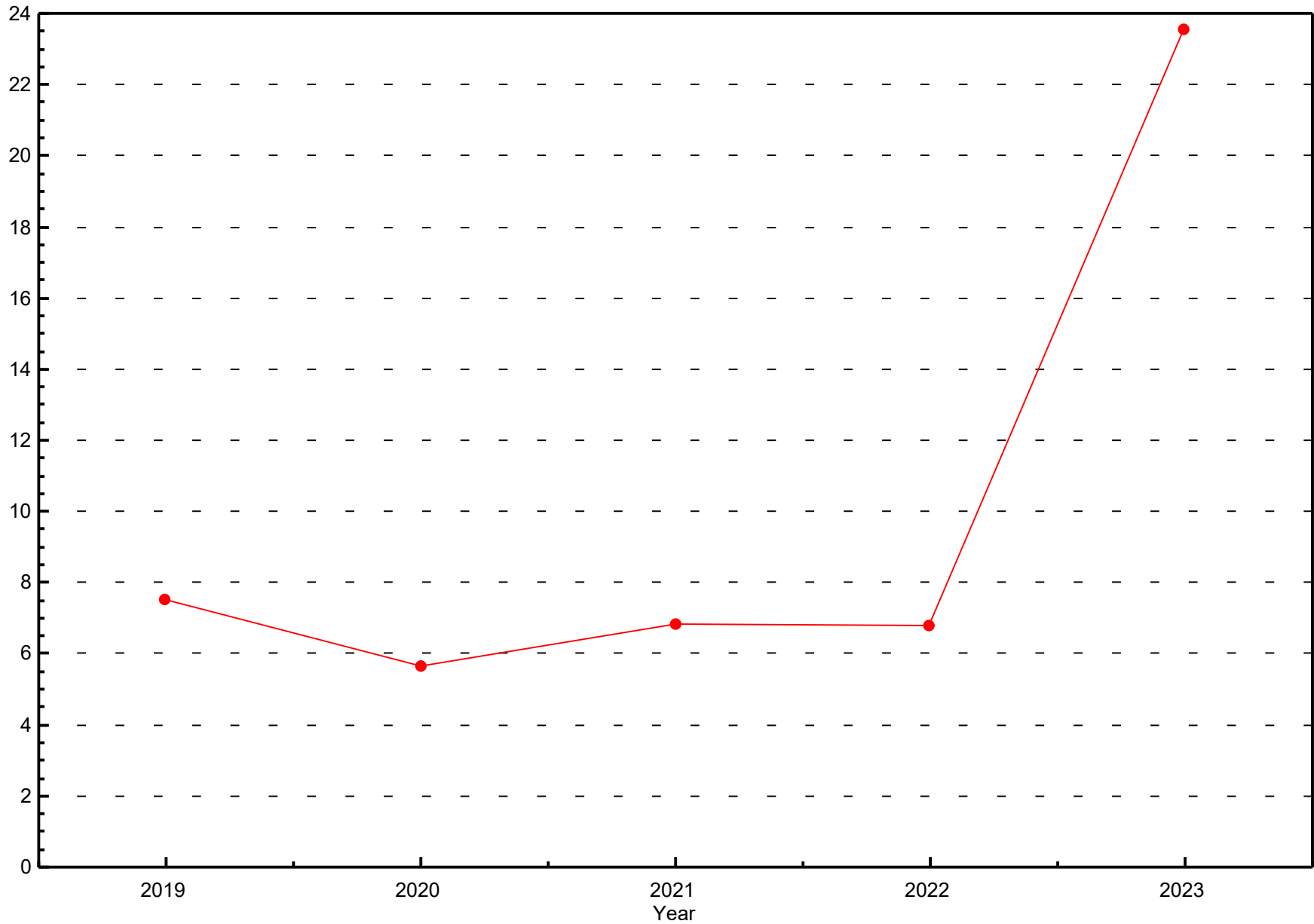
Particulate Matter 2.5 (ug/m³) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum 1-Hour Value	Number of Values Exceeding 1-Hour Objective	Maximum 24-Hour Value	Number of Values Exceeding 24-Hour Objective	% of Data in Each Concentration Range				
								0 - 5	6 - 10	11 - 20	21 - 30	>30
January	100	743	7.1	85.1	1	33.3	1	51.6	27.6	16.2	3.4	1.4
February	100	670	3.5	12.7	0	7.8	0	87.0	11.8	1.2	0.0	0.0
March	100	741	5.7	28.1	0	12.1	0	65.2	25.6	7.4	1.8	0.0
April	100	718	4.6	26.3	0	8.8	0	70.2	25.6	3.8	0.4	0.0
May	100	742	39.3	510.1	93	300.8	14	18.5	14.2	21.8	15.1	30.5
June	97	698	34.6	351.3	76	197.6	11	17.2	16.3	19.1	17.3	30.1
July	100	743	51.0	450.1	122	294.6	16	23.8	12.3	13.5	8.8	41.7
August	100	742	39.9	396.3	105	127.5	17	19.1	20.0	12.9	8.9	39.1
September	100	718	60.8	419.3	165	276.4	19	4.6	10.7	22.6	15.7	46.4
October	100	743	6.7	35.7	0	18.2	0	50.9	33.0	11.8	4.0	0.3
November	100	718	5.3	21.1	0	11.7	0	67.1	23.5	9.2	0.1	0.0
December	100	742	5.0	34.9	0	21.2	0	70.6	18.2	9.3	1.6	0.3
Annual	100	8718	22.0	510.1	562	300.8	78	45.3	19.9	12.4	6.5	15.9



Yearly Averages

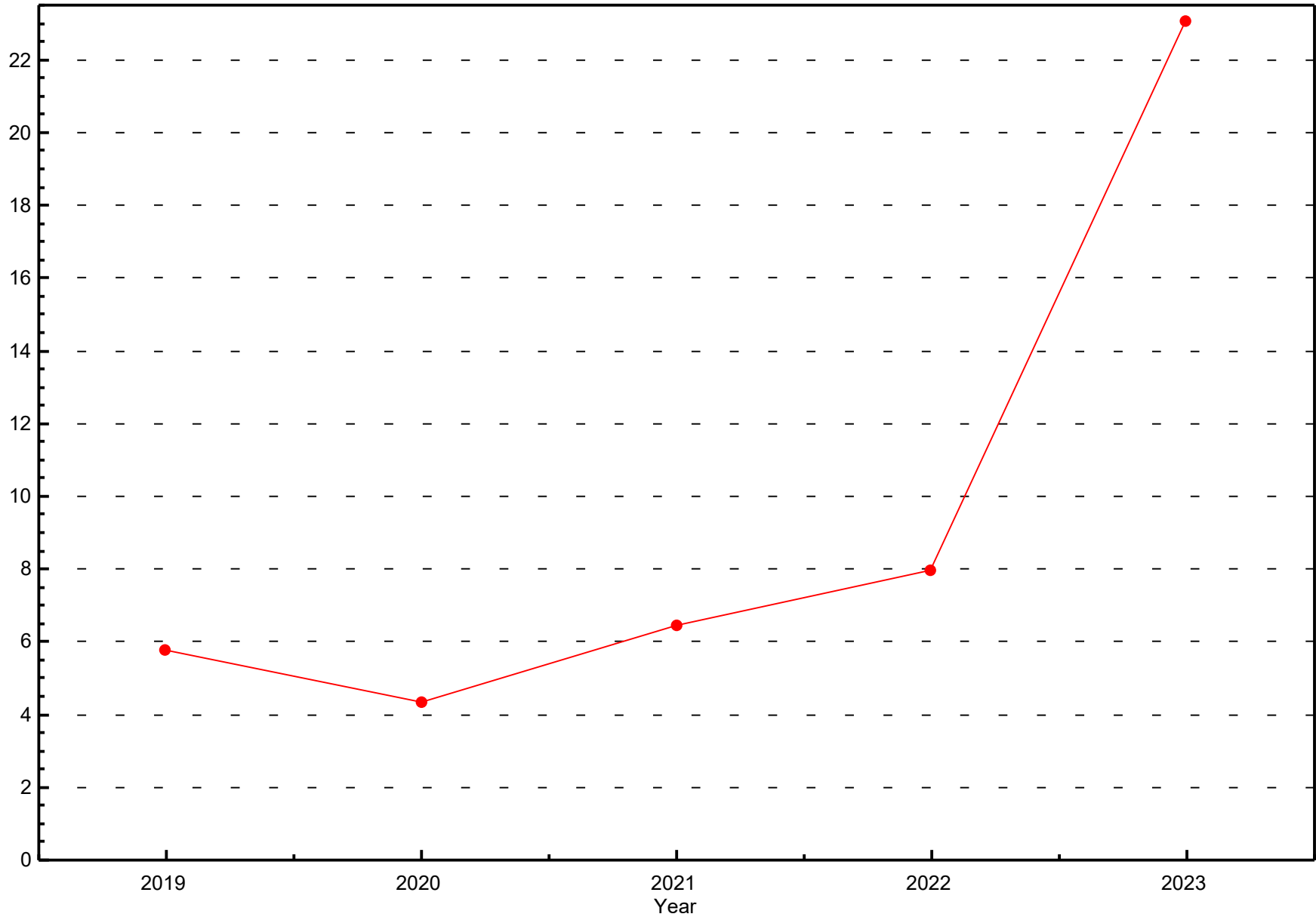
Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Fort McKay - Bertha Ganter (2019 to 2023)





Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Buffalo Viewpoint (2019 to 2023)

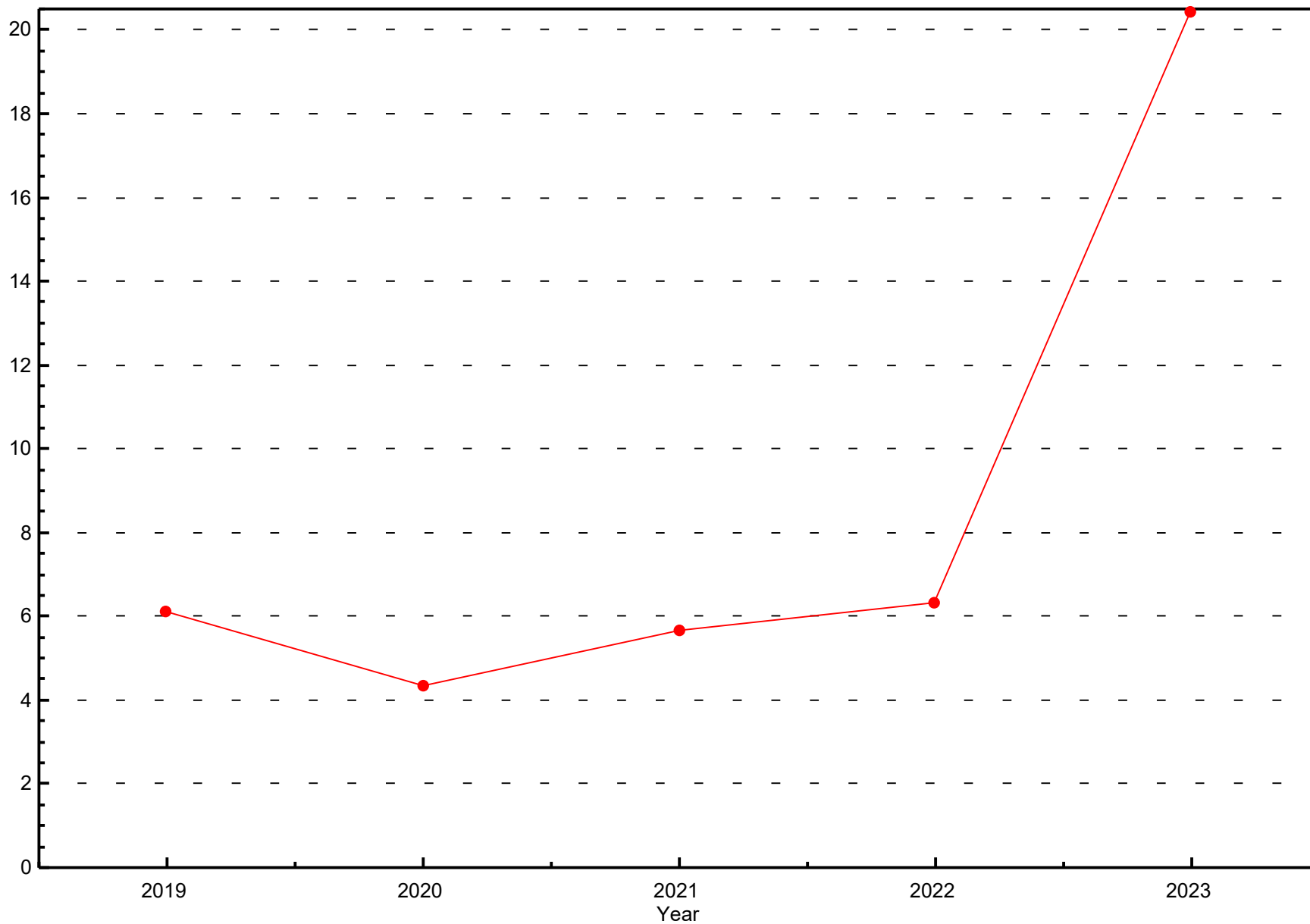




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

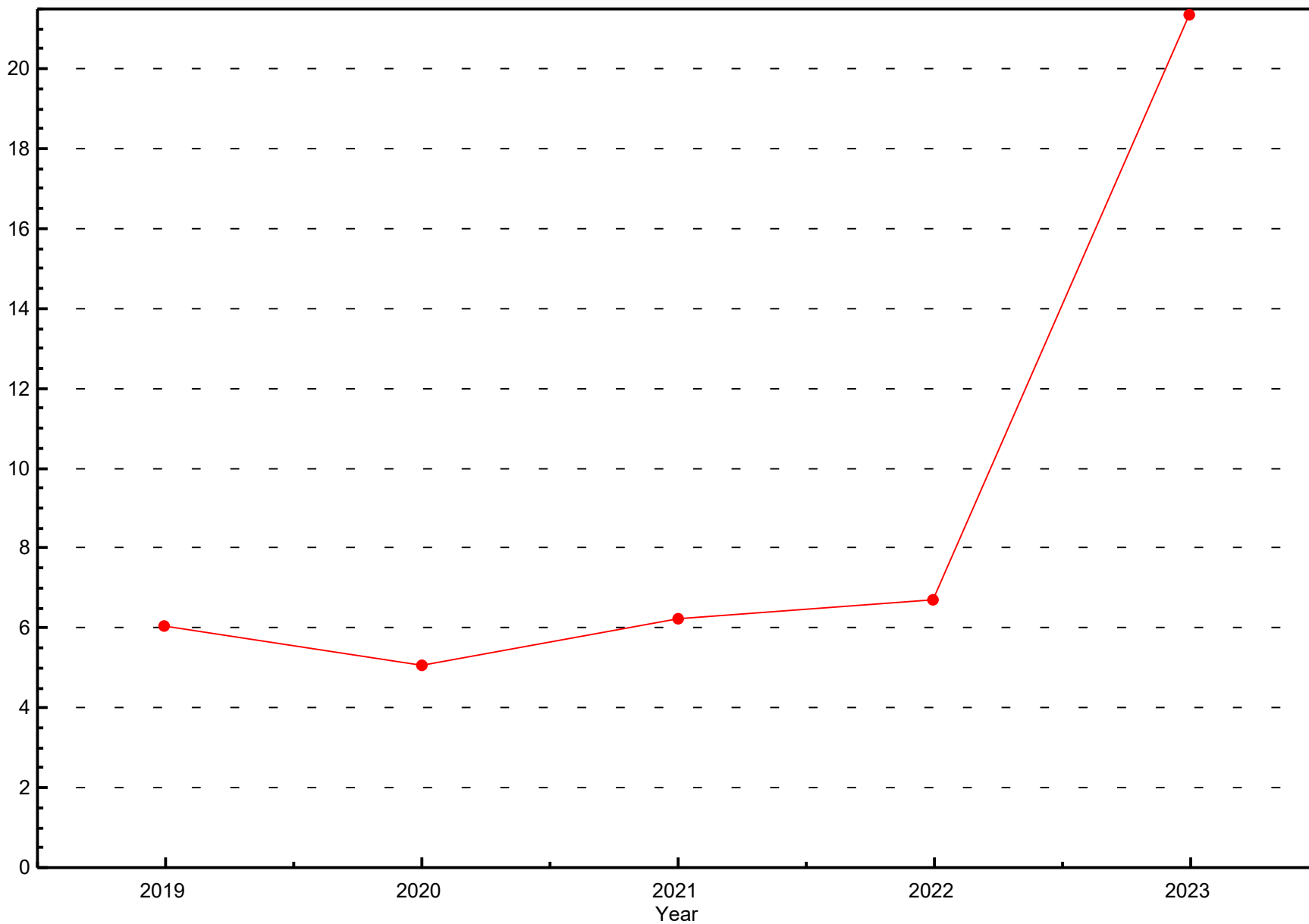
Patricia McInnes (2019 to 2023)





Yearly Averages

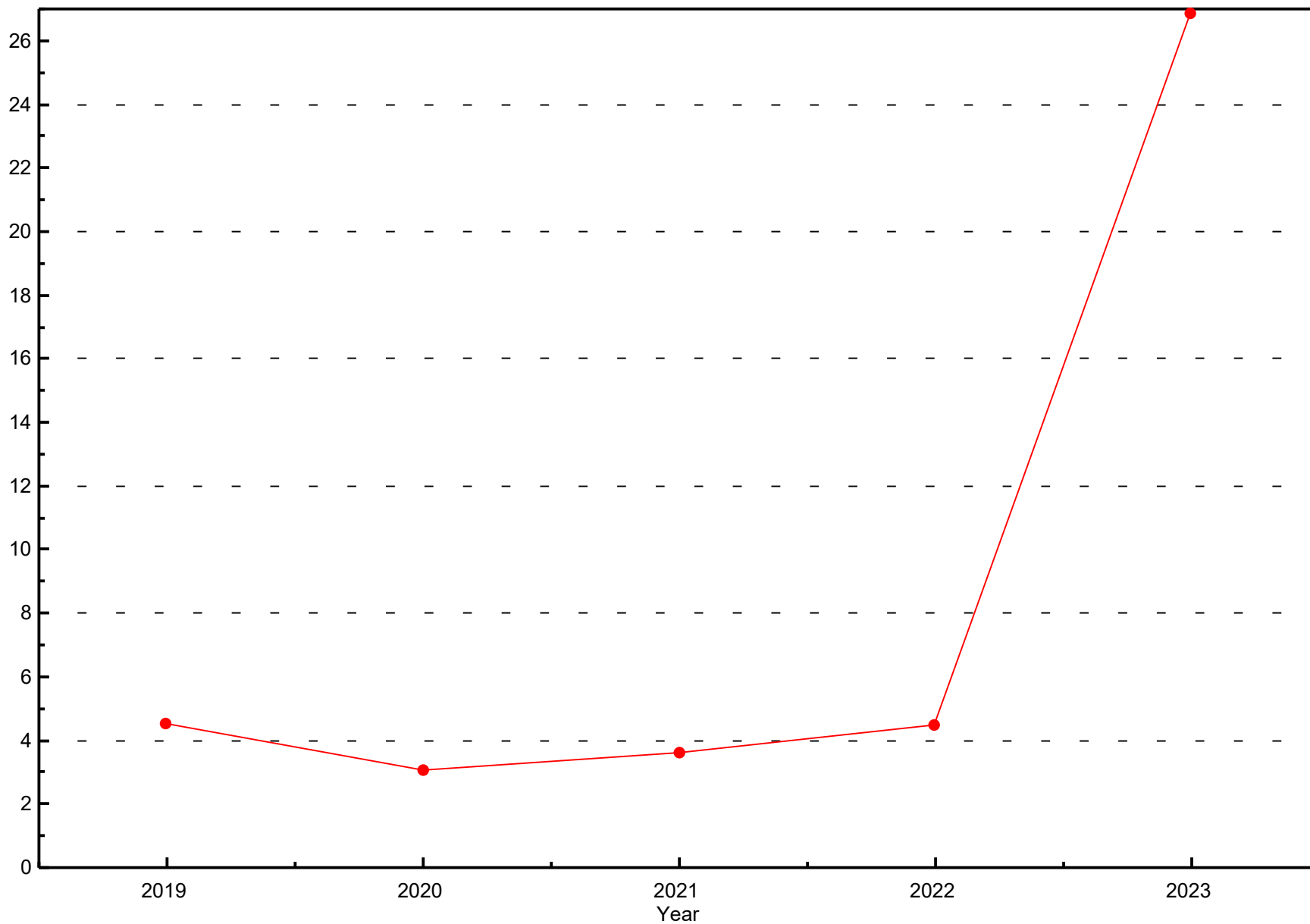
Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Athabasca Valley (2019 to 2023)





Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Fort Chipewyan (2019 to 2023)

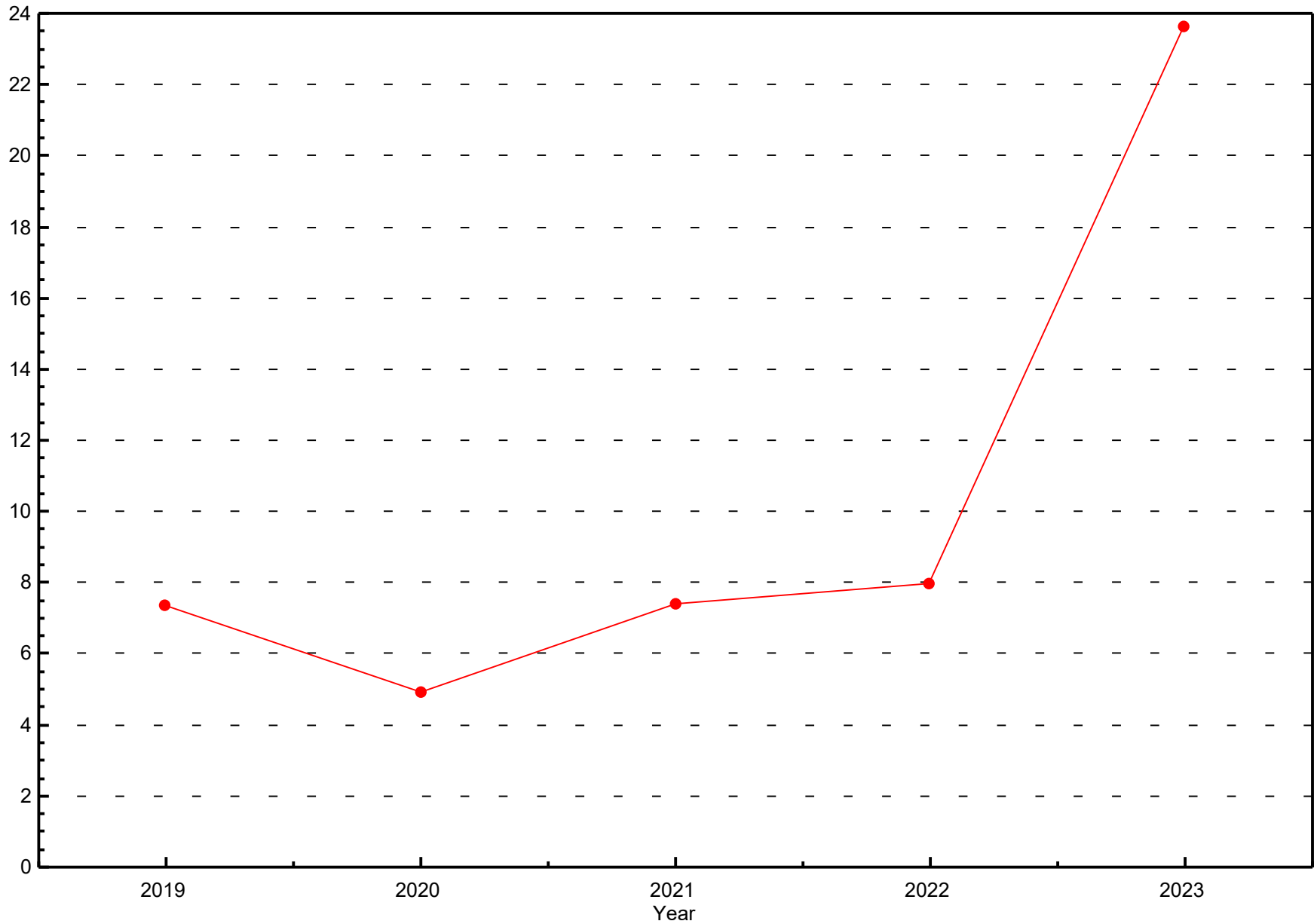




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

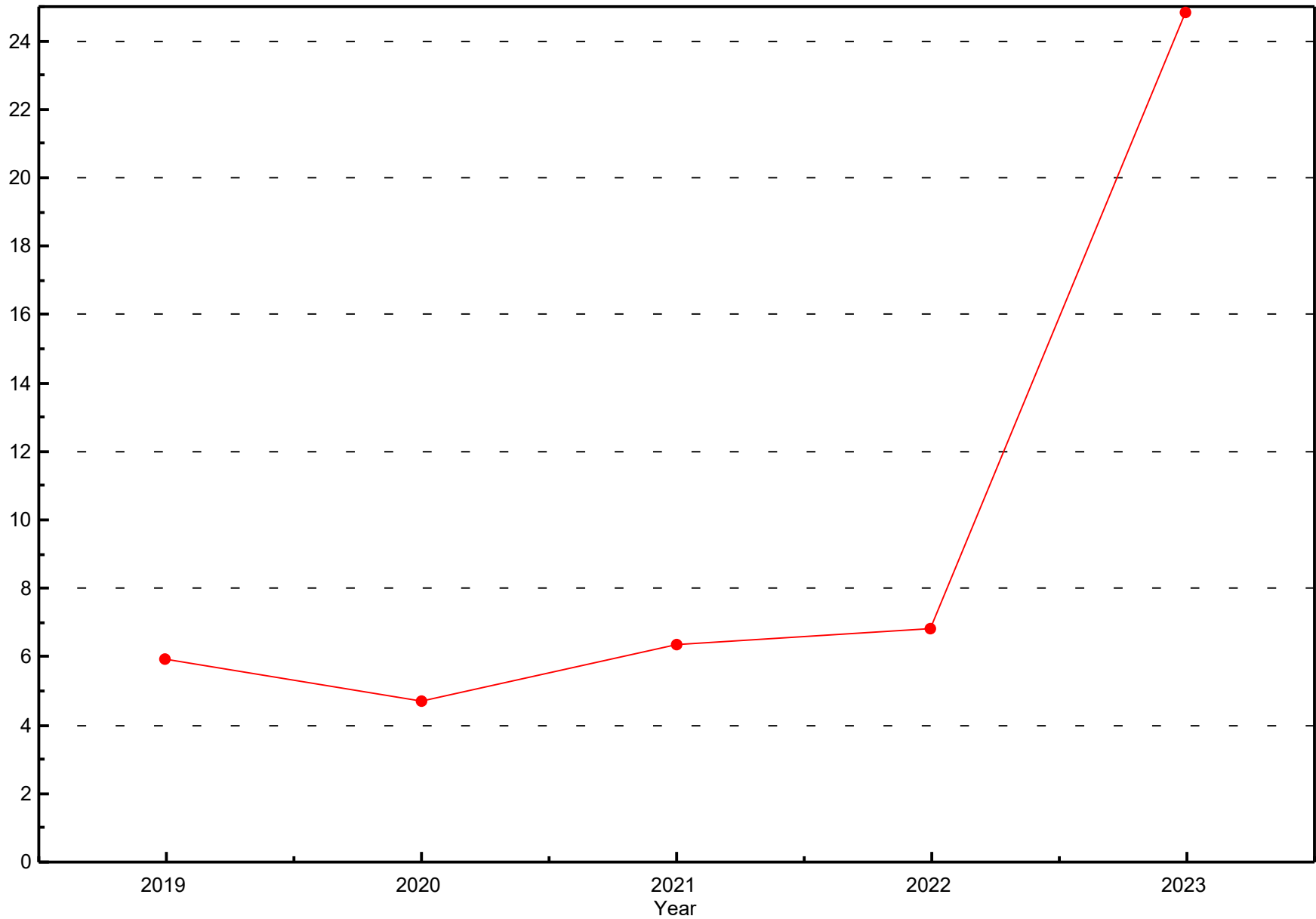
Barge Landing (2019 to 2023)





Yearly Averages

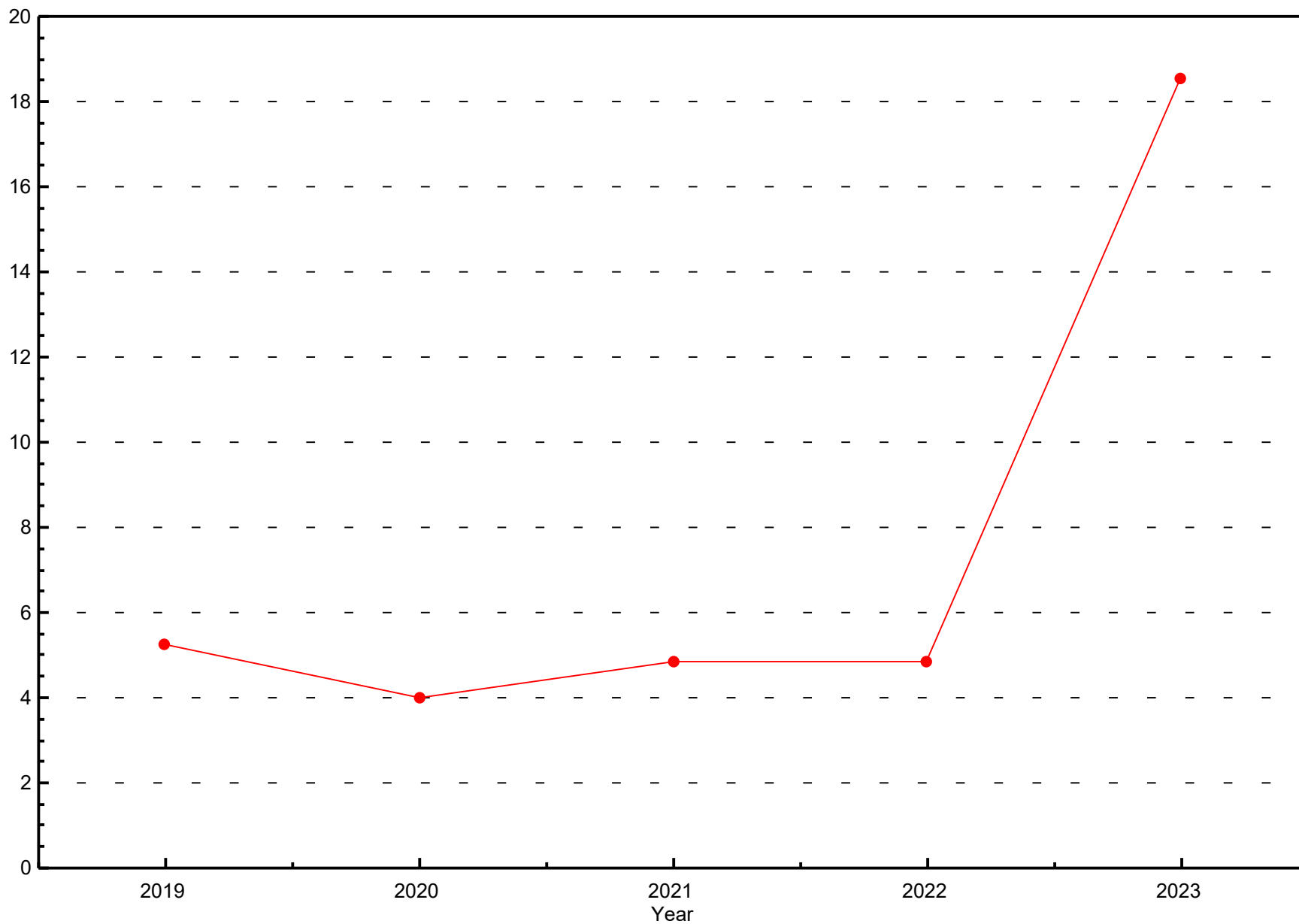
Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Fort McKay South (2019 to 2023)





Yearly Averages

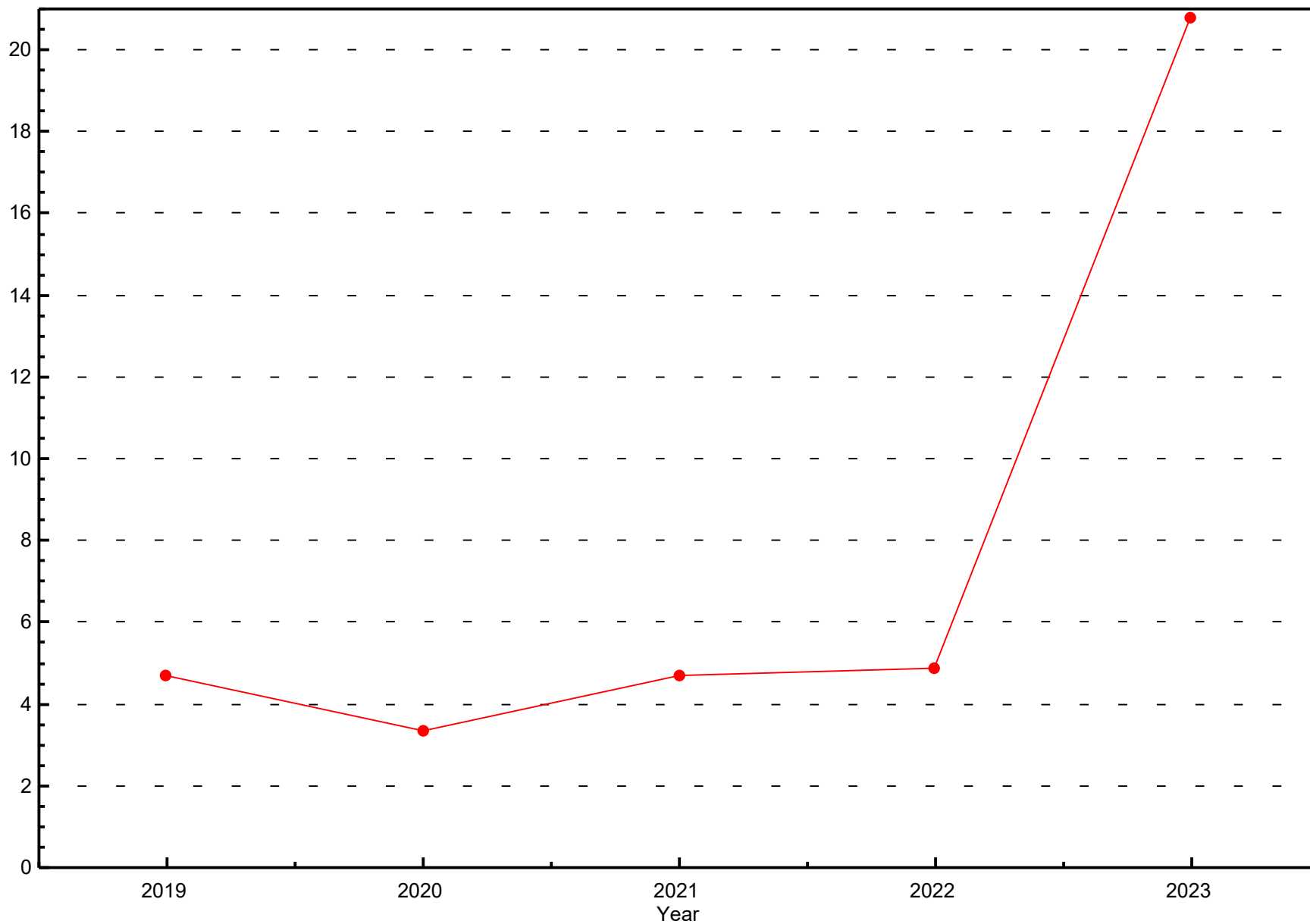
Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Anzac (2019 to 2023)





Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Wapasu (2019 to 2023)

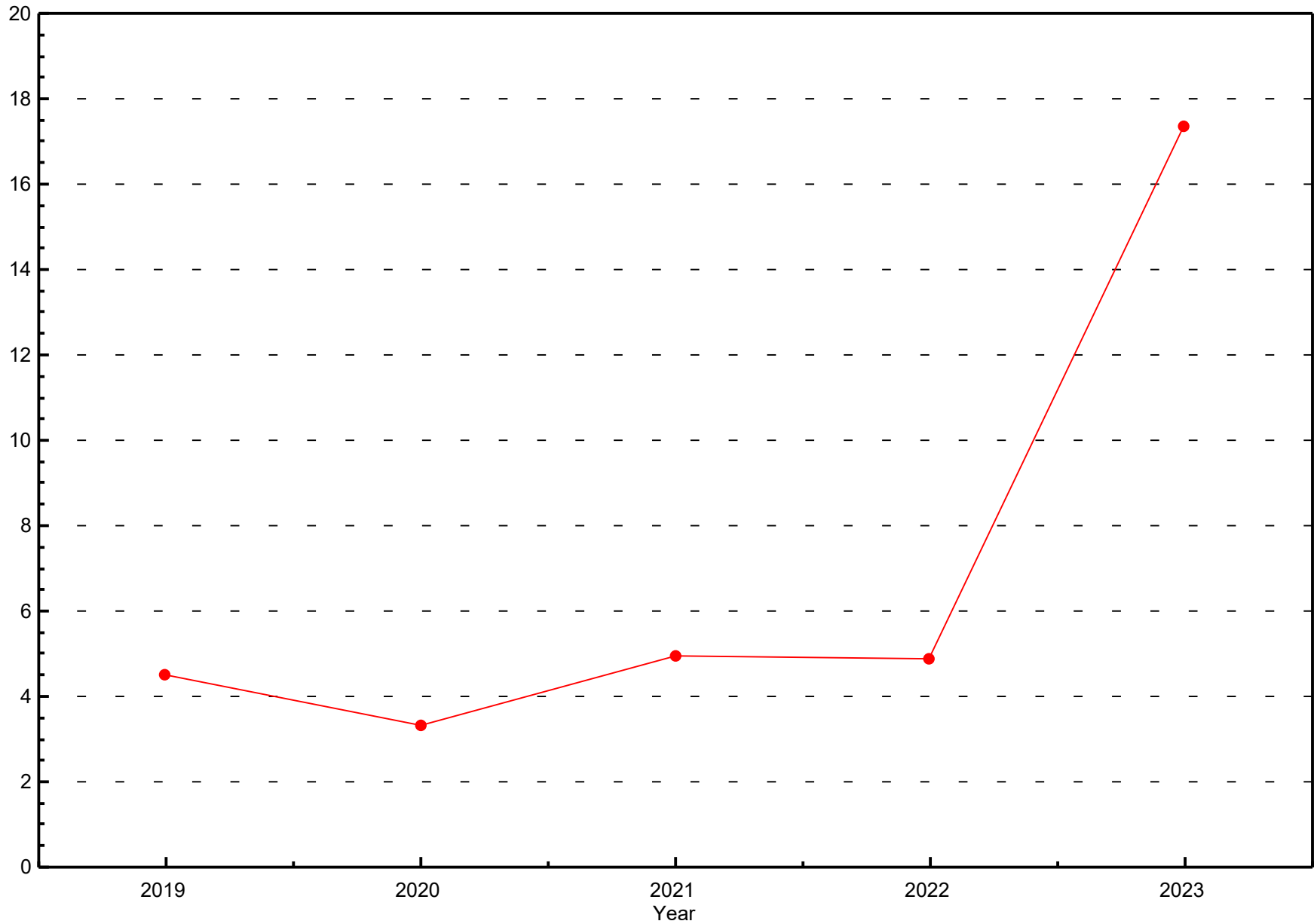




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

Stony Mountain (2019 to 2023)

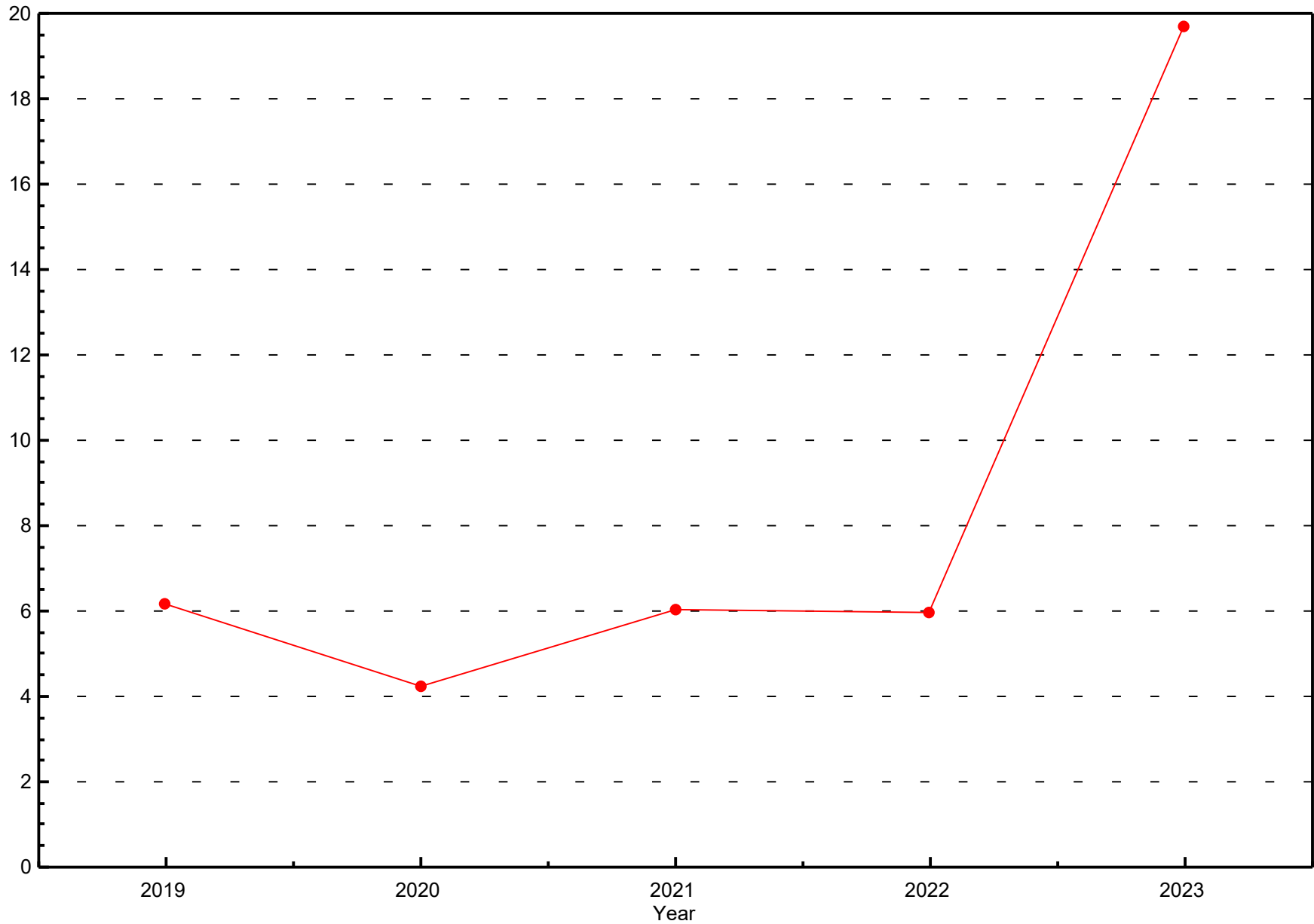




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

Conklin (2019 to 2023)

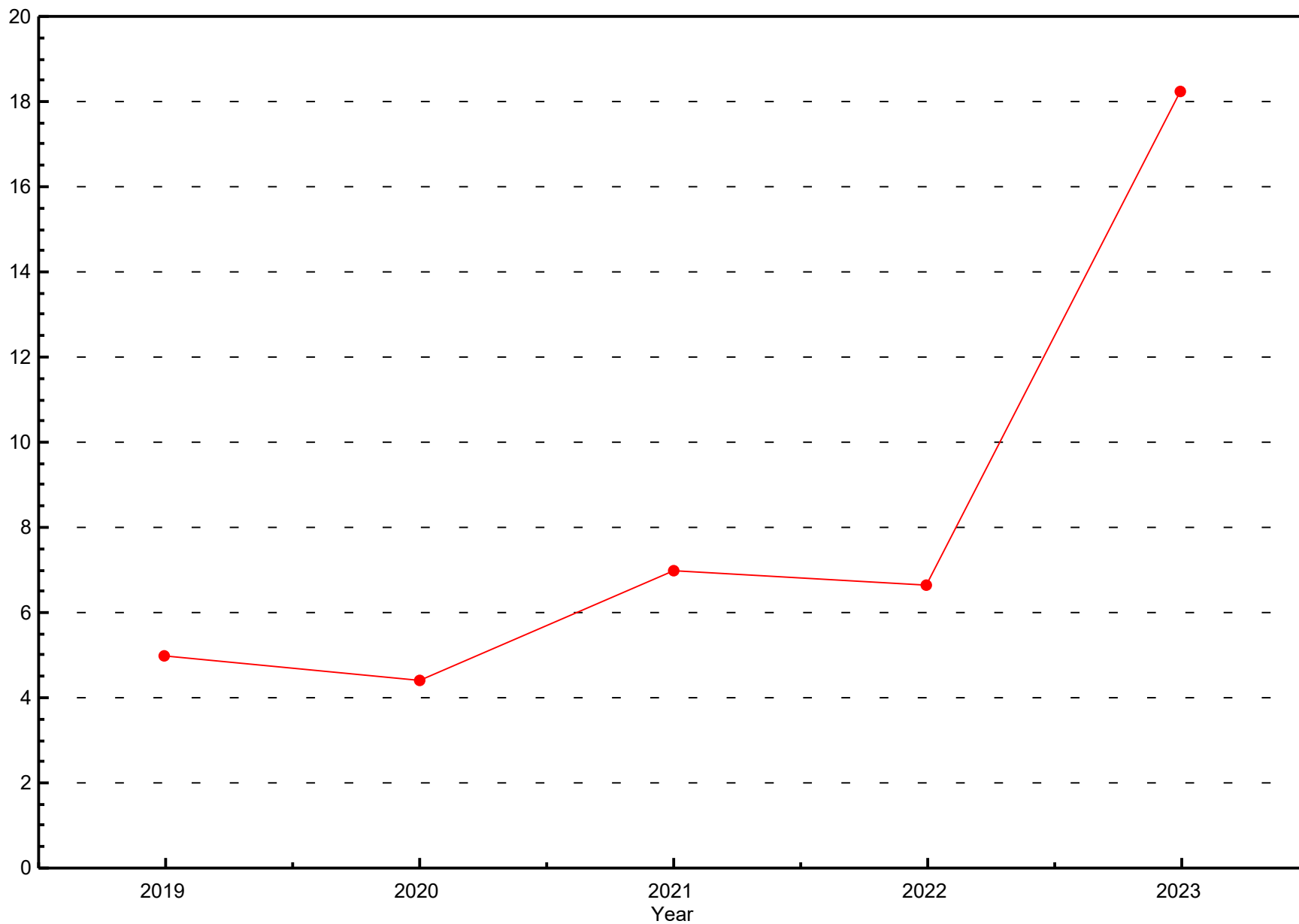




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

Janvier (2019 to 2023)

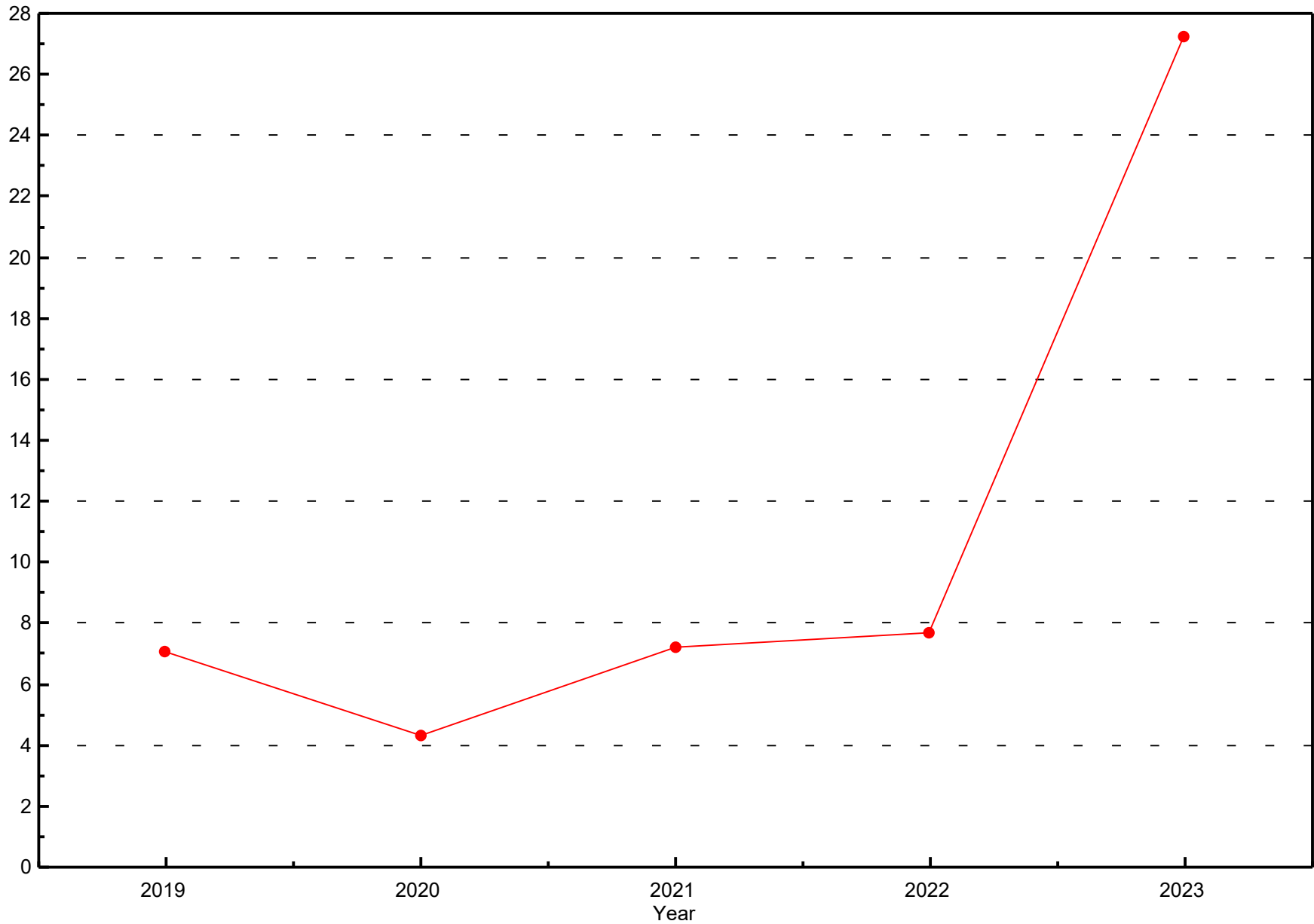




Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$

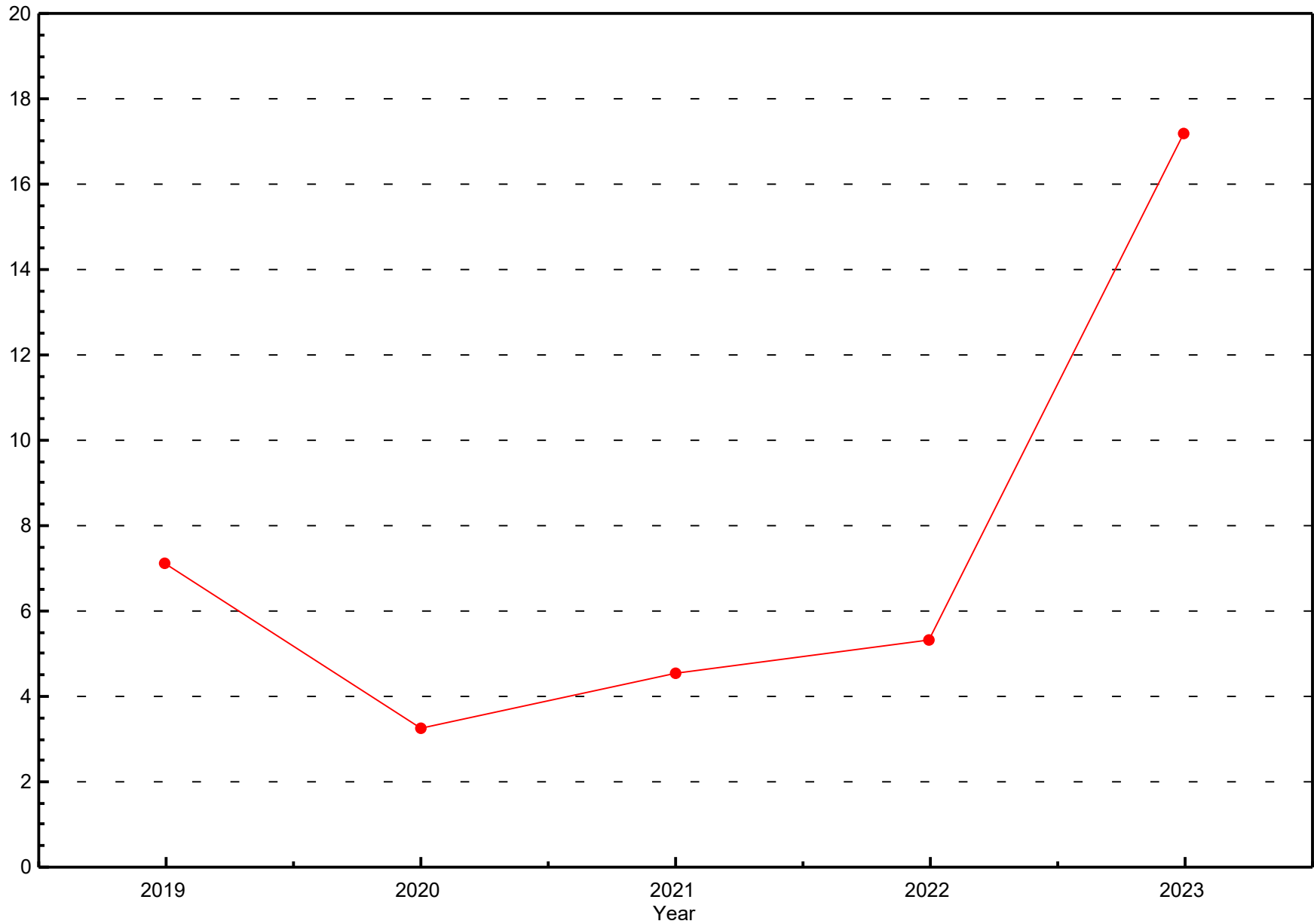
Fort Hills (2019 to 2023)





Yearly Averages

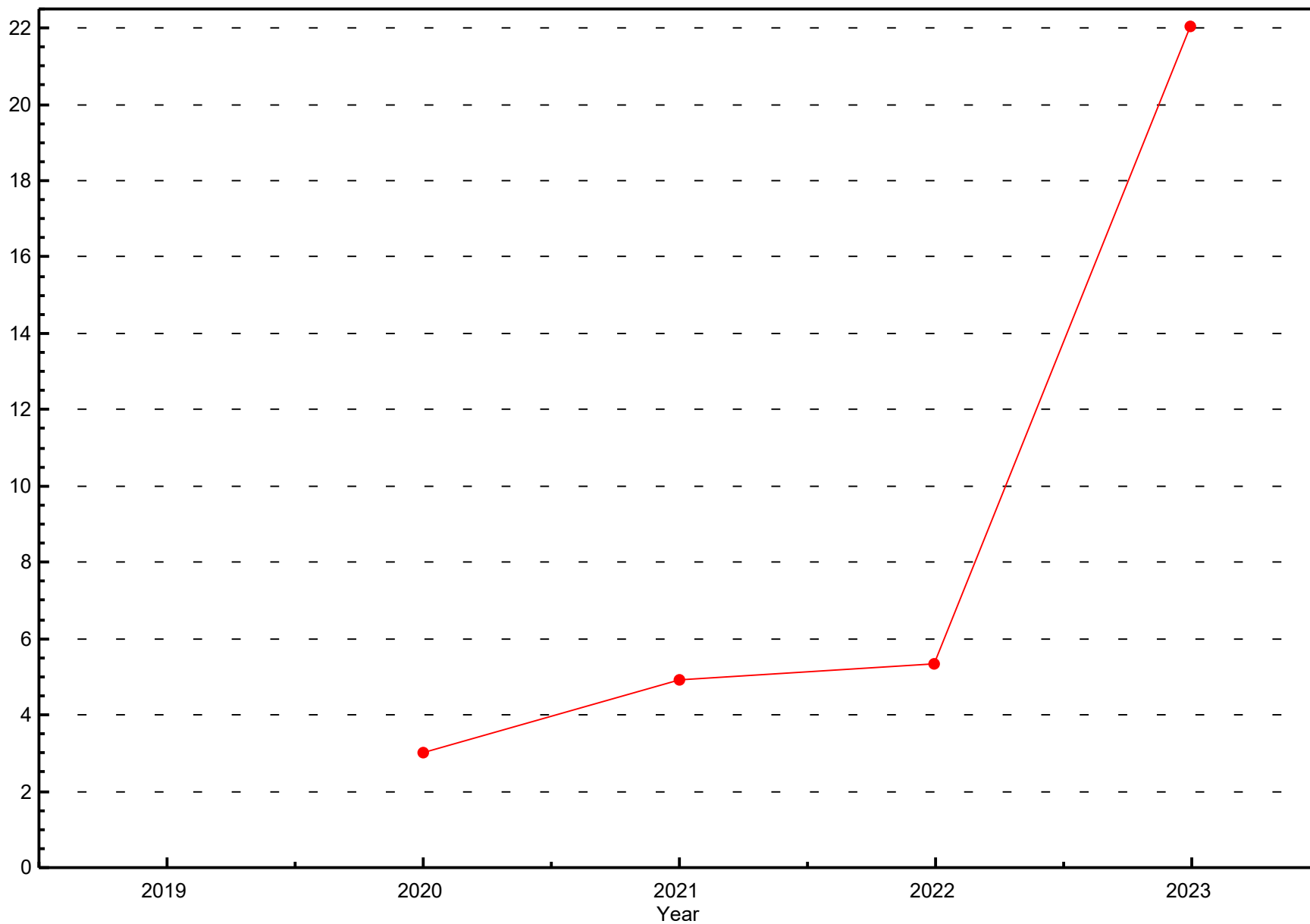
Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Surmont 2 (2019 to 2023)





Yearly Averages

Particulate Matter 2.5 (PM_{2.5}) - $\mu\text{g}/\text{m}^3$
Ells River (2019 to 2023)





WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

AMBIENT TEMPERATURE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Bertha Ganter - Fort McKay (AMS01)
Annual Summary for the Year 2023
Ambient Temperature 2m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-30.0	2.3	-22.8	-3.1	-10.5
February	100	672	-38.2	3.5	-28.8	-1.8	-16.4
March	100	743	-32.1	10.5	-21.9	0.1	-10.0
April	100	720	-8.9	21.7	-5.1	13.4	4.6
May	100	744	3.5	32.5	9.3	23.4	17.0
June	100	720	5.1	31.6	10.8	23.4	17.5
July	100	744	6.2	30.7	13.3	23.0	18.6
August	100	744	6.4	30.7	13.5	21.7	17.1
September	100	720	1.2	27.1	6.9	21.0	13.6
October	100	743	-13.3	24.1	-7.9	12.6	4.1
November	100	720	-17.4	5.0	-13.6	1.4	-4.2
December	100	744	-18.3	5.9	-13.8	0.7	-6.9
Annual	100	8758	-38.2	32.5	-28.8	23.4	3.8



Wood Buffalo Environmental Association - Bertha Ganter - Fort McKay (AMS01)
Annual Summary for the Year 2023
Ambient Temperature 10m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	742	-28.7	2.7	-21.8	-2.7	-10.4
February	100	671	-36.6	3.6	-27.9	-1.6	-16.1
March	100	743	-31.2	10.3	-21.0	1.0	-9.7
April	98	703	-8.9	21.5	-5.3	13.6	4.9
May	99	733	4.4	32.1	9.4	23.8	17.3
June	88	637	8.0	30.4	11.0	23.2	18.2
July	100	744	7.0	29.7	13.2	22.9	18.6
August	100	744	7.0	30.2	13.4	22.0	17.1
September	100	718	2.4	26.5	7.2	20.8	13.8
October	100	743	-13.0	23.9	-7.8	12.8	4.4
November	100	720	-16.9	5.3	-13.8	1.7	-4.1
December	100	744	-17.3	6.4	-13.8	1.9	-6.4
Annual	99	8642	-36.6	32.1	-27.9	23.8	3.9



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-26.0	3.1	-21.1	-2.0	-10.1
February	100	672	-34.9	3.9	-28.4	-0.6	-15.6
March	100	743	-29.6	9.2	-21.0	0.5	-9.6
April	100	720	-9.1	21.6	-5.4	14.3	4.8
May	100	743	4.1	31.4	8.9	23.3	17.2
June	100	720	5.3	30.8	10.4	23.7	17.7
July	100	744	6.1	29.6	13.2	22.8	18.7
August	100	744	7.7	30.2	13.5	22.7	17.3
September	100	720	3.2	26.5	7.2	21.0	14.1
October	100	744	-10.4	25.1	-6.5	15.6	5.0
November	100	720	-15.3	6.7	-13.3	2.7	-3.6
December	100	744	-16.1	6.8	-13.2	3.9	-5.3
Annual	100	8758	-34.9	31.4	-28.4	23.7	4.3



Wood Buffalo Environmental Association - Lower Camp Meteorological Tower (AMS03)
Annual Summary for the Year 2023
Ambient Temperature 20 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	-28.1	3.8	-20.5	-2.4	-9.9
February	93	622	-36.2	4.3	-27.9	-0.6	-15.6
March	10	71	-23.8	4.6	-14.5	-1.5	-6.4
April	100	720	-8.6	21.1	-4.9	14.5	5.2
May	100	744	4.7	31.5	9.6	23.6	17.6
June	100	720	7.3	30.1	11.0	23.6	18.2
July	98	726	8.2	29.7	13.9	23.4	19.1
August	99	734	8.5	30.2	14.2	23.1	17.8
September	100	720	3.8	26.7	7.9	21.3	14.6
October	100	744	-9.7	25.0	-6.2	16.1	5.4
November	98	705	-15.3	6.6	-12.6	2.6	-3.1
December	100	744	-16.0	7.3	-12.7	2.3	-5.9
Annual	91	7983	-36.2	31.5	-27.9	23.6	5.9



Wood Buffalo Environmental Association - Lower Camp Meterological Tower (AMS03)
Annual Summary for the Year 2023
Ambient Temperature 45 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	-26.5	3.7	-20.6	-2.1	-9.9
February	93	627	-34.0	4.2	-27.1	-0.5	-15.3
March	100	743	-27.8	9.7	-19.9	1.4	-9.1
April	100	720	-8.7	21.2	-5.1	14.4	5.2
May	100	744	4.2	31.3	9.3	24.1	17.7
June	100	720	7.7	29.9	10.9	23.7	18.2
July	98	726	8.3	29.5	13.8	23.6	19.2
August	99	734	8.4	30.1	14.1	23.3	17.9
September	100	720	4.5	26.5	8.1	21.2	14.7
October	100	744	-9.6	25.1	-6.3	16.3	5.4
November	98	705	-14.6	6.6	-12.8	2.6	-3.0
December	100	744	-16.1	8.2	-12.5	3.2	-5.2
Annual	99	8660	-34.0	31.3	-27.1	24.1	4.9



Wood Buffalo Environmental Association - Lower Camp Meterological Tower (AMS03)
Annual Summary for the Year 2023
Ambient Temperature 100 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	-26.1	3.7	-20.7	-0.7	-9.3
February	93	627	-31.2	4.9	-27.3	-0.2	-14.8
March	100	743	-25.1	9.5	-19.3	2.6	-9.0
April	100	720	-9.2	20.8	-5.7	14.1	5.1
May	100	744	3.6	30.7	8.9	24.3	17.5
June	100	720	8.8	29.4	10.4	23.7	18.0
July	98	726	9.8	29.0	13.6	23.6	19.1
August	99	734	8.0	29.6	13.7	23.7	17.9
September	100	720	4.8	25.9	7.8	20.8	14.8
October	100	744	-9.9	24.8	-6.7	16.4	5.3
November	98	705	-15.0	6.6	-13.2	2.6	-3.0
December	100	744	-15.5	9.3	-12.5	6.1	-3.9
Annual	99	8660	-31.2	30.7	-27.3	24.3	5.0



Wood Buffalo Environmental Association - Lower Camp Meterological Tower (AMS03)
Annual Summary for the Year 2023
Ambient Temperature 163 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	-25.8	3.6	-20.6	0.2	-9.0
February	93	627	-30.9	4.6	-27.7	-0.2	-14.5
March	100	743	-23.1	9.5	-19.1	3.2	-8.9
April	100	720	-9.7	20.2	-6.2	13.8	4.7
May	100	744	2.9	30.1	8.3	24.2	17.3
June	100	720	9.1	28.8	10.0	23.3	17.8
July	98	726	9.7	28.5	13.2	23.8	18.9
August	99	734	7.5	29.3	13.2	24.2	17.8
September	100	720	5.9	25.2	7.3	20.5	14.7
October	100	744	-10.4	24.2	-7.1	16.1	5.1
November	98	705	-15.5	6.5	-13.8	3.0	-3.0
December	100	744	-15.7	9.9	-12.1	7.5	-3.2
Annual	99	8660	-30.9	30.1	-27.7	24.2	5.0



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.7	3.2	-21.1	-1.5	-10.2
February	100	672	-35.9	4.8	-28.0	-0.6	-15.4
March	100	744	-30.3	10.0	-20.3	1.1	-9.6
April	100	720	-9.3	21.9	-5.4	14.0	4.8
May	100	743	2.4	31.4	9.5	23.8	17.1
June	100	720	6.1	30.7	10.5	23.3	17.7
July	100	744	8.1	29.4	13.1	22.7	18.6
August	100	744	6.5	30.2	13.3	22.4	17.2
September	100	720	1.6	26.8	7.1	20.7	13.9
October	100	744	-11.1	25.5	-7.1	14.9	4.7
November	100	720	-15.8	6.2	-13.3	2.5	-3.6
December	100	744	-17.0	7.2	-12.6	5.4	-5.2
Annual	100	8759	-35.9	31.4	-28.0	23.8	4.3



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Ambient Temperature 2 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.9	2.5	-22.3	-2.8	-10.3
February	100	672	-34.1	4.3	-27.1	-0.7	-14.9
March	100	743	-27.1	8.8	-20.2	0.2	-9.2
April	100	720	-8.7	21.9	-4.8	14.5	5.1
May	100	744	1.5	32.5	9.1	23.7	17.1
June	100	717	6.6	31.4	10.3	22.6	17.6
July	96	714	7.1	29.5	13.0	22.6	18.4
August	100	744	6.8	30.1	12.9	22.4	16.9
September	100	720	1.1	26.5	7.0	19.8	13.4
October	100	744	-11.2	24.5	-7.2	15.3	4.6
November	100	720	-14.8	5.6	-13.2	2.1	-3.8
December	99	735	-16.4	5.2	-12.1	2.0	-6.0
Annual	100	8717	-34.1	32.5	-27.1	23.7	4.1



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Ambient Temperature 20 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-26.5	3.3	-21.4	-1.7	-9.9
February	100	672	-32.8	5.0	-27.5	-0.2	-14.7
March	100	743	-25.7	9.5	-19.7	1.9	-9.1
April	100	720	-8.8	21.0	-5.6	13.9	4.9
May	100	744	3.5	31.0	8.9	24.0	17.2
June	100	717	8.5	29.7	10.5	23.0	17.8
July	96	714	9.2	28.9	13.3	23.3	18.8
August	100	744	7.3	29.4	13.3	23.1	17.5
September	100	720	2.9	25.9	7.9	20.2	14.2
October	100	744	-10.8	24.6	-7.2	15.8	4.9
November	100	720	-14.9	6.5	-13.3	2.7	-3.4
December	99	735	-15.1	7.7	-11.6	4.1	-4.7
Annual	100	8717	-32.8	31.0	-27.5	24.0	4.5



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Ambient Temperature 45 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-25.3	3.5	-21.1	-1.1	-9.6
February	100	672	-30.8	5.0	-27.6	0.0	-14.5
March	100	743	-24.2	9.3	-19.5	2.5	-9.1
April	100	720	-8.9	20.7	-6.0	13.6	4.8
May	100	744	3.3	30.5	8.5	24.2	17.2
June	100	717	8.9	29.1	10.3	23.1	17.7
July	96	714	9.7	28.6	13.1	23.4	18.7
August	100	744	7.1	29.0	13.2	23.4	17.5
September	100	720	2.8	25.5	7.6	20.1	14.3
October	100	744	-11.0	24.3	-7.4	15.8	4.9
November	100	720	-15.2	6.5	-13.6	2.6	-3.3
December	99	735	-14.9	8.1	-11.7	5.7	-4.1
Annual	100	8717	-30.8	30.5	-27.6	24.2	4.6



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Ambient Temperature 75 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-24.7	3.4	-20.9	-0.1	-9.4
February	100	672	-30.6	4.8	-27.8	0.0	-14.4
March	100	743	-22.6	9.2	-19.4	2.9	-9.1
April	100	720	-9.1	20.4	-6.2	13.5	4.6
May	100	744	2.9	30.1	8.2	24.2	17.1
June	100	717	9.2	28.7	10.1	23.1	17.6
July	96	714	9.6	28.3	12.9	23.6	18.7
August	100	744	7.0	28.8	13.1	23.9	17.6
September	100	720	3.6	25.2	7.3	20.0	14.4
October	100	744	-11.1	24.1	-7.6	15.7	4.8
November	100	720	-15.5	6.4	-13.9	2.7	-3.2
December	99	735	-15.0	8.9	-12.0	6.9	-3.4
Annual	100	8717	-30.6	30.1	-27.8	24.2	4.7



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Ambient Temperature 90 m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-24.7	3.4	-20.9	0.1	-9.3
February	100	672	-30.7	4.7	-28.0	0.0	-14.4
March	100	743	-22.6	9.1	-19.4	2.9	-9.1
April	100	720	-9.3	20.3	-6.4	13.4	4.5
May	100	744	2.8	29.9	8.0	24.2	17.0
June	100	717	9.3	28.6	10.1	23.1	17.6
July	96	714	9.7	28.3	12.9	23.8	18.8
August	100	744	7.2	28.7	13.1	24.2	17.7
September	100	720	4.0	25.1	7.3	20.1	14.6
October	100	744	-11.1	24.0	-7.6	15.8	4.9
November	100	720	-15.5	6.6	-13.9	3.4	-3.1
December	99	735	-14.7	9.1	-12.0	7.2	-3.1
Annual	100	8717	-30.7	29.9	-28.0	24.2	4.7



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-29.9	4.1	-21.3	-1.6	-9.8
February	100	672	-36.6	4.6	-28.4	0.3	-14.8
March	100	744	-30.7	11.8	-22.1	1.2	-9.6
April	100	720	-8.4	22.0	-5.1	13.8	4.8
May	100	744	0.2	31.7	8.9	23.7	16.7
June	100	720	4.8	29.6	10.3	22.4	17.5
July	100	744	6.2	29.8	12.8	23.2	18.3
August	100	744	5.3	29.7	12.8	21.3	16.9
September	100	720	1.3	26.3	7.6	20.1	13.3
October	100	744	-12.3	25.0	-7.7	15.2	4.5
November	100	720	-17.7	7.0	-12.9	2.4	-3.6
December	100	744	-18.2	7.3	-12.4	4.7	-5.4
Annual	100	8760	-36.6	31.7	-28.4	23.7	4.2



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-29.8	4.9	-22.7	-3.9	-10.9
February	100	672	-36.2	5.3	-28.4	0.0	-14.9
March	100	744	-30.0	10.3	-21.1	-1.0	-9.4
April	100	720	-7.2	22.6	-4.3	14.4	5.4
May	100	744	2.0	32.6	10.1	23.9	17.4
June	100	720	6.7	30.6	11.5	23.3	18.3
July	100	744	8.1	30.4	14.0	23.4	19.0
August	100	744	7.1	29.5	14.0	21.8	17.8
September	100	720	0.8	27.4	8.8	21.1	14.1
October	100	744	-11.1	26.2	-6.4	15.9	5.3
November	100	720	-15.5	6.3	-12.1	3.1	-3.2
December	100	743	-17.7	6.8	-13.3	0.8	-7.3
Annual	100	8759	-36.2	32.6	-28.4	23.9	4.4



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Ambient Temperature 2m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-28.9	-0.3	-24.8	-4.6	-13.3
February	100	672	-34.9	-6.6	-30.1	-10.6	-20.2
March	100	743	-30.6	5.7	-24.5	-2.0	-13.8
April	100	720	-13.3	14.1	-9.3	8.9	1.4
May	100	744	3.5	28.4	6.7	21.6	14.6
June	100	720	8.0	29.4	10.0	23.3	16.5
July	100	744	11.2	27.7	15.2	22.6	19.0
August	100	744	8.6	28.1	13.1	21.1	17.4
September	100	720	6.0	25.4	7.4	19.3	13.7
October	100	744	-12.6	19.4	-7.1	13.5	3.7
November	100	720	-22.5	0.8	-20.5	-1.4	-6.2
December	100	744	-20.6	7.7	-16.4	2.1	-7.8
Annual	100	8759	-34.9	29.4	-30.1	23.3	2.2



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-30.1	2.0	-23.0	-2.5	-10.4
February	100	672	-36.3	3.8	-28.4	-1.9	-16.2
March	100	744	-31.1	11.1	-21.2	1.1	-9.6
April	100	720	-8.6	22.9	-4.7	14.2	4.8
May	100	744	1.4	33.2	9.7	23.4	17.1
June	100	720	5.3	31.3	10.7	23.3	17.7
July	100	744	5.4	31.3	13.2	23.1	18.7
August	100	741	6.3	32.0	13.3	22.1	17.1
September	100	720	1.4	27.5	7.1	20.6	13.7
October	100	744	-12.7	24.9	-7.4	12.9	4.4
November	100	720	-17.5	5.6	-13.4	1.7	-4.1
December	100	744	-18.3	6.4	-13.6	2.2	-6.5
Annual	100	8757	-36.3	33.2	-28.4	23.4	4.0



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-31.3	3.4	-23.9	-3.8	-10.6
February	100	672	-38.2	4.1	-29.7	-1.2	-16.1
March	100	742	-31.8	9.7	-23.2	-1.4	-9.9
April	100	720	-9.1	20.1	-4.9	13.1	4.7
May	100	743	4.7	32.5	9.7	23.2	17.6
June	100	720	6.9	30.8	11.2	24.0	18.1
July	100	743	7.8	29.5	14.0	22.5	19.0
August	100	744	8.2	30.2	14.3	22.3	17.6
September	100	720	3.2	27.3	7.7	21.5	14.2
October	100	744	-10.3	25.2	-6.1	14.6	5.1
November	100	720	-16.0	5.9	-12.6	2.3	-3.4
December	100	744	-17.3	6.4	-12.9	0.4	-6.9
Annual	100	8756	-38.2	32.5	-29.7	24.0	4.2



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-32.5	2.2	-22.7	-3.9	-11.1
February	100	672	-39.5	3.6	-30.2	-1.6	-17.0
March	100	744	-33.2	10.8	-23.6	-1.3	-10.6
April	100	720	-9.6	22.3	-5.2	12.9	4.2
May	100	744	-0.7	32.7	8.8	23.0	16.5
June	100	720	2.8	31.5	10.7	23.3	17.2
July	100	744	4.0	30.7	13.1	22.7	18.1
August	100	744	3.4	31.6	13.3	20.9	16.6
September	100	720	-2.6	27.4	5.9	21.0	12.9
October	100	744	-14.3	25.0	-7.9	11.7	3.5
November	100	720	-19.5	5.1	-13.8	1.8	-4.6
December	100	744	-21.5	6.3	-15.9	0.7	-8.2
Annual	100	8760	-39.5	32.7	-30.2	23.3	3.2



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Ambient Temperature 2m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-26.8	4.3	-20.3	-0.9	-9.8
February	100	672	-34.8	5.0	-28.3	1.0	-13.7
March	100	744	-29.2	9.5	-22.0	0.4	-9.8
April	100	720	-9.6	20.4	-5.8	12.7	3.8
May	100	744	-0.6	31.1	7.3	23.8	15.8
June	100	720	3.2	29.6	9.1	22.0	16.6
July	100	744	4.8	28.5	11.9	22.4	17.1
August	100	744	4.0	29.7	12.0	20.5	16.4
September	100	720	1.6	25.2	6.3	20.1	13.1
October	100	744	-14.4	23.6	-7.7	14.0	4.0
November	97	696	-17.1	11.3	-13.2	2.1	-3.9
December	100	744	-18.5	9.7	-12.4	7.4	-4.1
Annual	100	8736	-34.8	31.1	-28.3	23.8	3.9



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-33.8	1.2	-23.7	-2.4	-10.2
February	100	672	-38.7	1.6	-29.9	-2.4	-16.1
March	100	743	-30.7	8.7	-21.5	1.1	-10.3
April	100	719	-10.1	19.7	-6.9	13.2	3.5
May	100	744	1.7	30.2	6.6	22.3	16.0
June	100	720	3.7	29.0	8.9	22.2	16.2
July	100	744	0.9	28.5	12.0	22.8	17.0
August	100	744	3.1	31.2	11.4	23.8	15.9
September	100	720	-0.2	24.9	4.8	18.7	12.7
October	100	744	-16.3	22.3	-10.0	14.9	3.2
November	100	720	-23.5	5.4	-15.6	2.4	-4.8
December	100	744	-21.6	9.0	-13.4	4.4	-4.8
Annual	100	8758	-38.7	31.2	-29.9	23.8	3.3



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Ambient Temperature 2m (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-26.8	3.3	-21.9	0.5	-9.0
February	100	672	-32.4	4.2	-25.7	1.3	-11.5
March	100	743	-23.9	9.9	-19.2	1.0	-7.8
April	100	720	-8.2	19.5	-3.8	11.8	3.9
May	100	744	0.2	30.1	6.0	22.9	15.2
June	100	720	6.3	28.1	8.5	22.1	16.2
July	100	744	6.7	29.4	10.8	22.8	16.9
August	100	744	6.4	30.3	11.4	21.8	16.1
September	100	720	2.7	23.4	5.9	18.0	12.7
October	100	744	-13.0	22.7	-9.5	14.2	3.7
November	100	720	-13.7	8.2	-12.4	3.7	-2.9
December	100	744	-14.8	6.6	-10.8	2.4	-4.2
Annual	100	8759	-32.4	30.3	-25.7	22.9	4.2



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-28.8	0.2	-23.8	-2.7	-10.6
February	100	672	-34.3	1.1	-30.3	-3.0	-16.1
March	100	743	-26.1	7.6	-22.0	1.2	-10.9
April	100	720	-11.0	17.8	-7.7	11.4	2.5
May	100	744	1.0	28.8	5.8	22.0	15.3
June	100	720	5.4	27.9	8.3	21.6	15.9
July	100	744	4.2	27.5	11.5	22.8	16.9
August	100	744	5.2	29.6	10.8	23.0	15.7
September	100	720	3.3	23.5	4.9	18.1	12.5
October	100	744	-14.3	20.5	-9.9	13.4	2.7
November	100	720	-21.2	5.0	-16.2	2.0	-5.4
December	100	744	-20.4	7.1	-13.6	3.5	-5.1
Annual	100	8759	-34.3	29.6	-30.3	23.0	2.9



Wood Buffalo Environmental Association - MacKay River (AMS20)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-30.3	1.8	-22.5	-1.8	-9.8
February	100	670	-37.9	3.2	-30.5	-0.6	-14.6
March	100	743	-31.2	11.0	-21.9	0.9	-9.7
April	100	720	-14.7	21.3	-6.7	13.3	3.6
May	100	744	0.1	30.5	7.6	22.1	15.1
June	100	720	2.9	29.1	9.0	21.7	16.1
July	100	744	2.1	28.3	11.7	21.2	16.9
August	100	744	2.5	30.3	11.4	21.4	15.7
September	100	720	-0.6	25.4	6.1	18.6	12.1
October	100	744	-15.2	23.0	-10.0	13.0	3.4
November	100	720	-17.1	7.9	-13.6	1.8	-4.2
December	100	744	-19.0	7.6	-13.4	3.4	-5.3
Annual	100	8757	-37.9	30.5	-30.5	22.1	3.4



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.3	4.2	-21.8	-1.6	-10.0
February	100	672	-39.1	5.3	-30.4	0.9	-12.4
March	100	743	-31.4	9.6	-22.9	-0.9	-9.2
April	100	720	-10.2	19.6	-2.9	11.1	3.4
May	100	744	-4.5	30.9	5.1	21.7	14.2
June	100	720	0.9	28.8	9.1	21.5	15.9
July	100	744	1.8	28.8	11.2	21.7	16.4
August	100	744	1.1	29.1	11.9	20.5	15.7
September	100	720	-1.7	24.3	6.2	18.8	11.5
October	100	744	-16.5	22.9	-10.0	11.3	3.0
November	100	720	-18.7	8.7	-11.5	2.2	-3.2
December	100	744	-21.2	6.5	-13.7	2.8	-5.7
Annual	100	8759	-39.1	30.9	-30.4	21.7	3.4



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.9	4.3	-21.9	-1.4	-9.3
February	100	672	-35.4	6.1	-27.0	1.8	-12.2
March	100	743	-29.9	11.4	-20.7	0.8	-8.3
April	100	720	-7.4	20.1	-2.9	11.6	4.5
May	100	744	-2.0	31.8	7.3	23.1	15.5
June	100	720	3.8	29.2	9.9	21.9	16.6
July	100	744	5.0	30.4	11.8	23.0	17.2
August	100	744	5.5	28.4	12.5	20.2	16.3
September	100	720	1.2	24.8	6.7	19.0	12.5
October	100	744	-13.0	23.3	-8.6	12.4	3.8
November	100	720	-15.6	6.8	-11.6	2.2	-3.3
December	100	744	-15.2	5.2	-11.7	2.5	-5.1
Annual	100	8759	-35.4	31.8	-27.0	23.1	4.1



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-28.5	3.8	-22.5	-3.3	-10.6
February	100	672	-35.2	3.0	-28.4	-2.4	-16.5
March	100	742	-32.1	8.5	-21.3	0.0	-10.0
April	95	681	-10.2	20.4	-5.5	13.0	4.5
May	100	742	4.3	31.8	9.6	23.0	17.0
June	100	720	7.6	29.5	11.0	22.9	17.6
July	100	742	8.7	30.0	13.8	23.2	19.0
August	100	743	8.3	30.1	14.0	22.5	17.5
September	100	719	3.9	26.2	8.0	20.7	14.0
October	100	743	-10.9	22.1	-6.7	12.8	4.6
November	100	720	-15.3	5.7	-13.5	1.6	-4.2
December	100	743	-16.4	11.1	-13.4	3.2	-6.2
Annual	99	8711	-35.2	31.8	-28.4	23.2	4.0



Wood Buffalo Environmental Association - Waskow ohci Pimatisiwin (AMS25)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	89	662	-23.0	2.2	-18.7	-3.7	-9.4
February	0	0	-9999.0	-9999.0	-9999.0	-9999.0	-9999.0
March	51	378	-27.6	10.5	-16.0	-0.4	-7.7
April	100	719	-8.9	22.4	-5.1	13.4	4.4
May	100	744	2.8	32.1	9.2	23.0	16.6
June	99	715	4.8	30.8	10.8	23.0	17.3
July	100	744	5.5	30.1	13.3	22.6	18.3
August	100	744	5.8	30.8	13.3	21.1	16.7
September	100	720	0.5	26.7	6.7	20.6	13.3
October	100	744	-13.5	24.2	-7.9	12.0	3.9
November	100	720	-17.8	5.0	-13.8	1.4	-4.4
December	100	744	-19.4	4.8	-14.6	0.3	-7.5
Annual	87	7634	-27.6	32.1	-18.7	23.0	6.4



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-26.4	4.9	-21.5	-0.1	-9.0
February	100	672	-36.3	6.2	-27.5	1.7	-11.5
March	100	743	-28.2	10.0	-19.7	-0.6	-8.2
April	100	720	-7.7	18.8	-2.8	12.2	4.0
May	100	744	-2.7	29.8	6.7	22.7	15.2
June	93	673	3.6	28.4	9.6	22.5	17.0
July	100	744	5.5	28.8	11.5	22.4	17.2
August	100	741	4.8	29.2	12.4	21.3	16.5
September	100	720	-1.0	24.9	7.0	19.5	12.6
October	100	744	-12.4	22.6	-8.3	15.3	4.3
November	100	719	-14.7	9.5	-11.6	1.8	-2.5
December	100	744	-16.9	6.9	-9.9	4.5	-3.6
Annual	99	8708	-36.3	29.8	-27.5	22.7	4.4



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	741	-28.0	2.9	-22.5	-1.3	-9.2
February	100	670	-33.6	4.7	-26.4	0.5	-11.7
March	100	741	-24.5	9.1	-19.6	-0.2	-8.1
April	100	719	-8.8	18.7	-3.5	11.1	3.6
May	100	743	0.1	29.3	5.9	22.1	14.9
June	99	715	5.6	27.9	8.4	21.8	16.2
July	100	743	6.3	28.4	10.2	22.4	16.6
August	100	744	6.6	28.3	11.2	21.0	15.9
September	100	718	1.8	23.6	5.9	18.2	12.2
October	99	737	-14.5	22.2	-9.9	13.8	3.3
November	100	719	-14.2	8.2	-12.5	3.0	-3.2
December	98	728	-14.6	5.2	-10.8	3.2	-4.5
Annual	100	8718	-33.6	29.3	-26.4	22.4	3.9



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.5	3.6	-21.1	-1.7	-9.6
February	100	672	-35.8	5.2	-27.1	1.1	-13.1
March	100	741	-29.3	9.7	-21.9	1.0	-9.5
April	100	720	-10.9	19.8	-5.0	11.1	3.3
May	100	744	-2.4	29.8	6.8	23.0	15.2
June	93	667	3.6	28.5	8.9	21.7	16.5
July	100	744	3.0	29.5	11.2	21.9	16.4
August	100	744	3.7	27.8	11.6	20.3	15.8
September	100	720	0.0	24.5	6.1	19.4	12.3
October	100	744	-14.3	22.9	-9.0	13.1	3.4
November	100	720	-15.3	7.9	-12.4	2.0	-3.7
December	100	744	-17.8	10.2	-12.1	6.5	-4.5
Annual	99	8704	-35.8	29.8	-27.1	23.0	3.6



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-29.6	3.3	-22.5	-2.6	-10.5
February	100	672	-38.8	3.6	-29.6	-2.1	-16.8
March	100	743	-33.4	9.7	-23.2	1.0	-10.5
April	100	720	-10.1	21.4	-5.1	12.8	4.3
May	100	743	2.0	32.1	8.9	23.6	16.7
June	100	720	5.1	30.6	11.0	23.4	17.3
July	100	744	5.9	30.1	13.4	22.9	18.5
August	100	744	5.7	30.6	13.5	21.7	17.0
September	100	720	0.2	26.7	6.8	20.8	13.5
October	100	744	-12.8	23.4	-7.6	11.7	3.8
November	100	720	-18.7	6.3	-13.7	1.4	-4.5
December	100	744	-19.2	10.3	-14.1	3.2	-6.5
Annual	100	8758	-38.8	32.1	-29.6	23.6	3.7



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
October	100	742	-16.5	21.8	-10.5	13.7	3.2
November	100	720	-13.4	7.2	-12.1	2.0	-3.7
December	100	744	-17.9	5.1	-11.6	0.6	-5.2
Annual	100	2206	-17.9	21.8	-12.1	13.7	-1.9



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
July	100	744	5.4	29.2	10.9	22.6	17.1
August	100	744	4.9	29.5	11.9	20.7	16.3
September	100	720	-0.3	25.2	6.2	19.2	12.6
October	100	744	-13.0	22.6	-9.0	14.6	3.8
November	100	720	-16.1	7.3	-12.4	1.8	-3.1
December	100	743	-16.1	5.8	-10.8	2.4	-4.5
Annual	100	4415	-16.1	29.5	-12.4	22.6	7.0



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-27.8	3.2	-22.2	-1.1	-9.2
February	100	672	-33.3	5.6	-25.8	0.8	-11.6
March	100	743	-24.7	8.8	-19.3	-0.1	-8.0
April	100	720	-8.2	19.1	-3.0	11.7	3.9
May	100	744	-1.1	30.6	6.4	22.5	15.2
June	100	720	4.4	28.8	8.9	22.0	16.6
July	100	744	6.0	28.9	10.6	22.5	16.8
Annual	100	5087	-33.3	30.6	-25.8	22.5	3.4



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
July	100	610	6.1	28.1	11.9	22.2	17.1
August	100	744	5.3	28.4	10.5	21.1	15.8
September	100	720	0.9	23.2	5.8	17.8	12.0
October	100	743	-13.4	21.5	-9.8	14.7	3.2
November	100	720	-13.7	8.8	-12.0	3.9	-3.2
December	100	744	-14.7	4.1	-10.9	0.4	-5.0
Annual	100	4281	-14.7	28.4	-12.0	22.2	6.7



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	-28.5	3.7	-23.2	-2.1	-9.7
February	100	672	-36.8	3.8	-27.2	-0.2	-12.0
March	100	743	-25.7	7.9	-19.4	-0.1	-8.1
April	100	719	-8.8	18.7	-3.7	11.6	3.4
May	100	743	0.9	29.3	5.8	22.4	14.8
June	100	718	4.9	27.2	8.4	21.0	16.1
Annual	100	4339	-36.8	29.3	-27.2	22.4	0.8



Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Ambient Temperature (°C) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
October	100	744	-13.8	22.2	-9.2	14.4	3.8
November	100	720	-15.9	8.9	-11.9	1.9	-2.9
December	100	744	-19.1	6.8	-11.0	4.1	-4.1
Annual	100	2208	-19.1	22.8	-11.9	14.4	-1.1



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

RELATIVE HUMIDITY ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Bertha Ganter - Fort McKay (AMS01)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	54	96	64	90	83
February	100	672	43	95	57	89	73
March	100	743	26	91	47	83	67
April	100	720	17	97	29	88	56
May	100	744	16	97	30	76	48
June	100	720	22	99	46	95	67
July	100	744	28	98	48	94	65
August	100	744	35	99	64	93	75
September	100	720	23	98	47	91	67
October	100	743	34	99	58	89	72
November	100	720	48	97	60	96	83
December	100	744	42	97	57	92	77
Annual	100	8758	16	99	29	96	69



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	99	65	94	86
February	100	672	46	95	60	87	76
March	100	743	31	94	49	86	68
April	100	718	18	100	27	85	56
May	100	743	16	95	29	75	47
June	89	640	23	100	43	92	62
July	98	730	26	100	44	85	64
August	100	744	34	100	57	93	73
September	100	720	24	99	46	91	65
October	100	744	27	100	55	89	70
November	100	720	48	99	59	95	83
December	100	744	38	95	47	89	75
Annual	99	8662	16	100	27	95	69



Wood Buffalo Environmental Association - Lower Camp Meteorological Tower (AMS03)
Annual Summary for the Year 2023
Relative Humidity 20 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	52	98	62	94	83
February	92	615	42	93	58	84	72
March	10	71	51	88	72	72	70
April	100	720	18	98	26	78	53
May	100	744	15	96	27	72	46
June	100	720	23	100	41	96	64
July	98	726	25	100	41	91	65
August	99	734	32	99	56	89	73
September	100	720	24	100	44	90	65
October	100	744	26	100	53	89	69
November	98	705	45	97	56	94	80
December	100	744	41	93	52	87	75
Annual	91	7976	15	100	26	96	68



Wood Buffalo Environmental Association - Lower Camp Meteorological Tower (AMS03)
Annual Summary for the Year 2023
Relative Humidity 45 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	54	95	63	93	84
February	93	627	43	92	59	85	74
March	100	743	28	94	45	86	66
April	100	720	17	96	25	80	53
May	100	744	14	94	27	73	46
June	100	720	23	100	40	97	63
July	98	726	25	99	40	90	63
August	99	734	32	99	54	89	71
September	100	720	24	100	44	90	64
October	100	744	25	100	52	89	68
November	98	705	45	97	56	93	81
December	100	744	38	92	46	88	74
Annual	99	8660	14	100	25	97	67



Wood Buffalo Environmental Association - Lower Camp Meterological Tower (AMS03)
Annual Summary for the Year 2023
Relative Humidity 100 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	54	93	61	90	81
February	93	627	41	90	57	82	71
March	100	743	25	87	40	83	63
April	100	720	16	92	23	79	50
May	100	744	14	89	25	73	43
June	100	720	22	98	36	95	60
July	98	726	24	95	38	87	58
August	99	734	29	94	50	86	67
September	100	720	23	96	41	87	59
October	100	744	24	97	49	83	65
November	98	705	44	93	55	90	77
December	100	744	29	88	36	85	67
Annual	99	8660	14	98	23	95	63



Wood Buffalo Environmental Association - Lower Camp Meterological Tower (AMS03)
Annual Summary for the Year 2023
Relative Humidity 163 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	99	733	57	97	63	91	83
February	93	627	41	94	50	85	72
March	100	743	25	91	37	85	64
April	100	720	18	96	24	82	51
May	100	744	15	91	26	77	44
June	100	720	24	100	35	99	61
July	98	726	26	98	40	88	59
August	99	734	29	96	50	89	67
September	100	720	26	99	42	91	59
October	100	744	26	100	52	86	67
November	98	705	45	96	57	93	79
December	100	744	26	91	33	87	66
Annual	99	8660	15	100	24	99	64



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	96	66	92	85
February	100	672	42	92	57	86	75
March	100	744	27	92	46	87	68
April	100	720	16	97	26	83	54
May	100	743	15	94	28	74	47
June	100	720	23	99	43	98	65
July	100	744	27	98	45	93	65
August	100	744	34	97	57	93	73
September	100	720	24	98	46	91	65
October	100	744	25	99	55	88	70
November	100	720	48	97	59	95	82
December	100	744	29	94	40	87	73
Annual	100	8759	15	99	26	98	69



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Relative Humidity 2 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	94	65	91	84
February	100	672	44	92	58	84	74
March	100	743	32	90	47	86	67
April	100	720	16	94	25	80	53
May	100	744	15	98	27	73	47
June	100	717	25	99	45	97	67
July	96	714	28	98	44	96	66
August	100	744	38	98	62	92	76
September	100	720	25	98	50	91	68
October	100	744	27	98	55	89	70
November	100	720	51	97	61	95	82
December	99	735	47	94	52	88	76
Annual	100	8717	15	99	25	97	69



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Relative Humidity 20 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	100	64	94	85
February	100	672	43	96	56	88	74
March	100	743	26	92	42	87	65
April	100	720	16	97	24	80	52
May	100	744	13	100	26	74	44
June	98	702	21	99	40	97	62
July	96	714	25	99	40	92	61
August	100	744	33	97	54	89	71
September	100	720	25	99	45	89	63
October	100	744	26	100	53	87	68
November	100	720	46	98	57	97	80
December	99	735	38	93	42	86	71
Annual	99	8702	13	100	24	97	66



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Relative Humidity 45 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	58	98	65	92	84
February	100	672	42	93	55	85	73
March	100	743	24	91	40	87	65
April	100	720	17	94	24	81	51
May	100	744	14	92	26	74	43
June	100	717	21	99	38	96	61
July	96	714	25	97	39	90	59
August	100	744	30	97	51	88	68
September	100	720	25	99	43	89	60
October	100	744	25	99	52	86	67
November	100	720	46	98	57	95	80
December	99	735	29	91	36	87	69
Annual	100	8717	14	99	24	96	65



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Relative Humidity 75 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	58	97	66	93	84
February	100	672	43	94	53	87	74
March	100	743	24	92	38	88	65
April	100	720	17	96	25	83	52
May	100	744	14	93	26	76	44
June	98	702	22	100	36	88	60
July	96	713	25	100	40	93	58
August	100	744	29	100	50	92	68
September	99	713	25	100	43	91	59
October	97	724	25	99	52	90	67
November	97	697	47	100	57	97	81
December	99	735	26	96	33	89	68
Annual	99	8651	14	100	25	97	65



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Relative Humidity 90 m (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	58	100	66	94	85
February	100	672	43	99	53	89	75
March	100	743	24	95	38	90	66
April	100	720	17	99	25	84	52
May	99	738	15	93	26	77	43
June	93	673	22	100	36	87	59
July	96	714	25	100	39	91	58
August	100	744	28	99	50	90	67
September	99	713	25	100	42	89	58
October	98	729	25	100	52	87	66
November	100	720	46	100	57	97	80
December	99	735	25	93	32	86	66
Annual	99	8645	15	100	25	97	64



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	56	95	64	91	83
February	100	672	40	95	59	86	73
March	100	744	26	91	47	89	68
April	100	720	16	94	26	78	53
May	100	744	15	97	26	73	47
June	100	720	21	99	40	96	64
July	100	744	27	97	44	91	64
August	100	744	31	97	56	92	72
September	100	720	25	98	44	89	65
October	100	744	25	99	54	88	69
November	100	720	46	97	57	91	81
December	100	744	35	92	39	87	74
Annual	100	8760	15	99	26	96	68



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	51	91	58	88	79
February	100	672	38	93	54	84	69
March	100	744	26	89	43	84	64
April	100	720	15	91	25	72	52
May	100	744	13	95	26	74	48
June	100	720	20	99	47	94	66
July	100	744	29	98	46	88	66
August	100	744	31	98	59	88	73
September	100	720	24	96	48	85	65
October	100	744	23	97	53	91	68
November	100	720	43	96	54	93	78
December	100	743	42	89	56	88	75
Annual	100	8759	13	99	25	94	67



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	100	71	95	87
February	100	672	54	95	66	89	77
March	100	743	40	94	57	89	71
April	97	696	21	100	43	89	65
May	99	736	20	97	37	77	55
June	91	656	29	100	48	76	64
July	98	727	22	99	46	87	62
August	100	744	29	100	54	92	73
September	100	720	33	100	52	83	71
October	100	744	42	100	59	92	77
November	100	720	54	99	72	95	86
December	100	744	42	98	55	92	80
Annual	99	8646	20	100	37	95	72



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	54	98	65	89	83
February	100	672	43	93	57	88	73
March	100	744	26	89	45	83	65
April	100	720	16	99	27	88	55
May	99	740	16	99	29	76	47
June	93	671	23	100	47	92	65
July	100	744	24	99	49	96	67
August	100	744	33	99	64	94	76
September	100	720	24	99	48	92	68
October	100	744	33	99	58	91	72
November	100	720	48	98	60	96	84
December	100	744	40	96	53	92	78
Annual	99	8707	16	100	27	96	69



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	55	94	63	91	83
February	100	672	43	93	60	85	74
March	100	742	34	96	52	84	69
April	100	720	17	99	37	81	58
May	100	743	13	100	32	74	51
June	99	711	23	100	44	98	68
July	97	720	30	100	52	93	69
August	96	716	35	100	61	94	78
September	98	703	24	100	50	93	70
October	98	732	27	100	57	91	73
November	100	720	48	99	58	94	83
December	100	744	45	96	60	90	79
Annual	99	8667	13	100	32	98	71



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	59	97	68	92	85
February	100	672	46	95	59	89	75
March	100	744	28	96	53	84	69
April	100	720	17	98	33	89	58
May	100	744	16	98	34	76	50
June	100	720	23	99	49	96	68
July	100	744	28	99	50	96	67
August	100	744	33	99	65	93	76
September	100	720	24	99	52	92	69
October	100	744	33	99	59	90	74
November	100	720	48	98	60	96	84
December	100	744	42	97	60	93	79
Annual	100	8760	16	99	33	96	71



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	50	100	68	95	86
February	100	672	42	97	55	92	74
March	100	744	28	93	46	86	68
April	100	720	18	99	27	79	55
May	100	744	15	99	26	81	49
June	90	649	20	100	42	91	67
July	98	727	31	100	49	98	69
August	97	723	35	100	58	98	75
September	99	716	27	100	44	94	67
October	98	731	29	100	55	88	72
November	96	693	45	100	56	96	81
December	100	744	24	95	30	86	68
Annual	98	8607	15	100	26	98	69



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	66	97	77	94	89
February	100	672	52	99	62	93	79
March	100	743	29	91	47	86	68
April	100	719	18	97	25	87	56
May	100	744	16	100	26	80	47
June	100	718	24	100	43	100	68
July	100	744	26	100	42	98	66
August	100	744	31	100	57	93	75
September	100	720	24	100	44	99	68
October	97	724	37	100	56	98	76
November	100	720	50	100	68	99	87
December	100	744	29	97	42	89	74
Annual	100	8736	16	100	25	100	71



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	56	96	69	94	84
February	100	672	31	97	52	89	70
March	100	743	22	91	41	83	63
April	100	720	16	98	26	86	53
May	100	744	13	99	24	94	51
June	100	720	17	100	39	97	70
July	100	744	32	100	48	93	70
August	100	743	32	100	60	99	77
September	99	713	30	100	52	88	67
October	100	744	28	100	55	91	71
November	97	698	39	100	50	98	79
December	100	744	31	96	40	90	71
Annual	100	8729	13	100	24	99	69



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	72	100	78	96	89
February	100	672	54	100	61	95	80
March	100	743	30	93	45	83	69
April	100	720	20	99	27	88	58
May	100	744	16	100	27	82	47
June	87	626	25	100	43	78	64
July	99	736	24	100	43	98	64
August	98	732	32	100	55	94	75
September	95	686	26	100	46	92	66
October	98	731	40	100	59	94	76
November	100	720	52	98	70	98	86
December	100	744	33	95	43	87	73
Annual	98	8598	16	100	27	98	71



Wood Buffalo Environmental Association - MacKay River (AMS20)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	60	97	70	94	88
February	100	670	37	97	59	91	76
March	100	743	20	91	46	87	69
April	100	720	18	98	27	93	58
May	100	744	16	99	30	84	52
June	100	720	24	100	44	99	68
July	100	744	26	100	46	98	68
August	100	744	34	100	59	97	76
September	100	720	27	100	48	91	68
October	100	744	29	100	60	88	72
November	100	720	49	100	62	98	85
December	100	744	36	96	41	91	75
Annual	100	8757	16	100	27	99	71



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	94	67	93	84
February	100	672	33	96	56	87	71
March	100	743	23	91	50	83	66
April	100	720	16	97	33	84	57
May	100	744	13	98	28	89	56
June	100	720	16	99	43	96	72
July	100	744	27	99	51	92	72
August	100	744	32	99	57	96	77
September	100	720	29	99	54	89	72
October	100	744	28	97	60	90	73
November	100	720	39	98	51	95	79
December	100	744	30	95	40	86	73
Annual	100	8759	13	99	28	96	71



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	52	95	61	90	81
February	100	672	31	94	51	86	68
March	100	743	20	90	43	81	61
April	100	720	13	95	30	77	50
May	100	744	12	97	26	86	52
June	100	720	16	99	48	93	73
July	100	744	27	100	53	91	73
August	100	744	36	100	67	98	81
September	100	720	31	99	58	89	74
October	100	744	31	99	55	88	72
November	100	720	33	98	49	95	80
December	100	744	36	95	42	87	75
Annual	100	8759	12	100	26	98	70



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	52	96	60	92	85
February	100	672	45	94	61	90	75
March	100	742	29	92	50	83	69
April	95	681	18	98	28	86	57
May	100	742	15	96	30	77	47
June	100	720	22	99	43	93	66
July	100	742	24	97	42	90	63
August	100	743	33	98	55	89	71
September	100	719	25	98	48	86	66
October	100	743	36	99	57	90	72
November	100	720	46	98	57	96	83
December	100	743	31	95	48	90	76
Annual	99	8711	15	99	28	96	69



Wood Buffalo Environmental Association - Waskow ohci Pimatisiwin (AMS25)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	89	662	54	98	78	91	86
February	0	0	-9999	-9999	-9999	-9999	-9999
March	51	378	27	93	58	75	66
April	100	719	16	98	30	91	57
May	100	744	16	99	32	78	50
June	99	715	23	100	46	96	69
July	100	744	28	100	49	96	68
August	100	744	36	100	67	96	78
September	100	720	24	100	50	95	69
October	100	744	32	100	59	92	74
November	100	720	48	99	61	97	84
December	100	744	45	98	60	94	79
Annual	87	7634	16	100	30	97	71



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	57	95	69	93	84
February	100	672	34	96	53	89	70
March	100	743	22	92	49	85	65
April	100	720	18	95	27	79	54
May	100	744	16	99	26	89	52
June	93	673	15	99	35	92	65
July	100	744	26	98	46	88	67
August	100	741	28	98	52	95	73
September	100	720	31	98	52	88	68
October	100	744	31	97	53	85	69
November	100	719	39	98	50	96	78
December	100	744	25	94	33	85	69
Annual	99	8708	15	99	26	96	68



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	741	60	96	69	93	86
February	100	670	35	97	55	88	71
March	100	741	22	91	45	84	64
April	100	719	16	96	28	85	54
May	100	743	15	99	26	92	52
June	99	715	17	100	38	98	69
July	100	743	26	100	47	96	70
August	100	744	31	100	57	99	76
September	100	720	33	100	53	95	70
October	100	744	32	99	58	92	73
November	100	719	39	99	52	98	80
December	98	728	27	95	36	89	72
Annual	100	8727	15	100	26	99	70



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	742	52	98	67	94	86
February	100	672	40	98	57	91	73
March	100	741	23	91	46	84	68
April	100	720	17	100	30	83	57
May	100	743	15	100	27	91	51
June	78	564	17	100	40	80	66
July	97	724	25	101	51	93	72
August	97	720	33	101	61	100	78
September	100	718	28	101	51	92	70
October	100	744	30	100	59	90	74
November	100	720	36	100	55	96	82
December	100	744	20	96	32	91	72
Annual	98	8552	15	101	27	100	71



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	51	95	58	91	83
February	100	672	41	94	55	90	72
March	100	743	28	90	47	81	66
April	100	720	17	96	31	89	56
May	100	743	16	96	32	77	47
June	100	720	23	99	45	94	66
July	100	744	25	97	44	93	64
August	100	744	31	98	57	93	73
September	100	720	23	96	46	88	64
October	100	744	33	97	56	88	70
November	100	720	44	96	56	94	82
December	100	744	33	93	46	89	73
Annual	100	8758	16	99	31	94	68



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
October	100	742	29	98	57	90	73
November	100	720	44	99	55	99	83
December	100	744	30	96	47	91	75
Annual	100	2206	29	99	47	99	77



Wood Buffalo Environmental Association - Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
July	93	691	20	100	45	88	65
August	86	640	31	99	55	87	71
September	96	690	29	100	54	88	68
October	95	707	32	100	57	91	72
November	81	581	40	100	53	96	79
December	99	737	33	99	42	91	74
Annual	92	4046	20	100	42	96	71



Wood Buffalo Environmental Association - Jackfish 1 (AMS506)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	55	96	71	93	86
February	100	672	39	97	56	89	72
March	100	743	21	92	46	85	65
April	100	720	16	95	28	80	54
May	100	744	14	98	26	90	52
June	100	720	19	99	39	95	68
July	100	744	27	98	47	93	70
Annual	100	5087	14	99	26	95	67



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
July	100	610	29	100	47	93	65
August	100	744	34	99	56	97	74
September	100	720	31	100	52	91	69
October	100	743	30	99	54	91	72
November	100	720	39	100	52	99	81
December	100	744	37	95	46	91	74
Annual	100	4281	29	100	46	99	72



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
January	100	744	58	97	69	94	86
February	100	672	35	98	56	89	72
March	100	743	24	92	47	84	64
April	100	719	17	97	26	86	55
May	100	743	15	99	25	91	53
June	100	718	17	100	37	95	68
Annual	100	4339	15	100	25	95	66



Wood Buffalo Environmental Association - Blackgold (AMS511)
Annual Summary for the Year 2023
Relative Humidity (%) Average

Month	Operational Time (%)	Number of Data	1-hr Min	1-hr Max	24-hr Min	24-hr Max	Average
October	100	744	30	100	55	89	70
November	99	713	38	100	50	99	79
December	100	744	26	96	34	86	70
Annual	100	2201	26	100	34	99	73



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

SOLAR RADIATION ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Solar Radiation (W/m²) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100	744	23.9	342.4	72.3
February	100	672	63.2	461.2	118.3
March	100	743	139.5	664.3	202.2
April	100	720	192.3	865.2	293.3
May	100	744	240.2	876.5	333.4
June	100	720	239.3	901.3	369.3
July	100	744	227.0	881.4	359.8
August	100	744	171.2	776.3	278.7
September	100	720	132.0	672.8	209.0
October	100	744	73.1	489.3	121.5
November	100	720	27.8	363.8	71.9
December	100	744	26.1	267.0	44.4
Annual	100	8759	130.0	901.3	369.3



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Solar Radiation (W/m²) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100	744	21.7	302.7	58.6
February	100	672	75.3	508.5	134.9
March	100	743	148.4	664.2	208.9
April	100	720	207.4	798.4	300.7
May	100	744	254.8	880.6	330.9
June	100	720	232.9	884.5	371.8
July	100	744	223.5	911.0	357.4
August	100	744	172.9	775.7	276.2
September	100	720	117.6	602.1	195.5
October	100	744	64.8	447.8	121.6
November	100	720	24.9	311.6	55.9
December	100	744	17.3	204.8	34.5
Annual	100	8759	130.4	911.0	371.8



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Solar Radiation (W/m²) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100	744	26.4	307.2	52.2
February	100	672	59.1	532.5	113.1
March	100	743	141.5	750.8	220.8
April	100	720	195.8	894.3	304.5
May	100	744	216.0	935.2	308.1
June	100	720	183.9	971.3	304.9
July	100	744	182.0	968.1	284.8
August	100	744	143.5	801.0	228.0
September	100	720	114.4	698.2	163.8
October	100	744	75.3	541.4	133.9
November	100	720	28.8	438.1	74.9
December	100	744	22.9	294.9	40.5
Annual	100	8759	116.1	971.3	308.1



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Solar Radiation (W/m²) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	Maximum
				1-Hour Value	24-Hour Value
January	100	744	24.1	276.8	57.7
February	100	672	64.1	515.5	128.1
March	100	743	133.5	613.5	193.8
April	100	720	182.4	818.9	280.8
May	100	744	231.7	864.0	324.8
June	100	720	228.7	875.8	354.3
July	100	744	216.2	864.8	344.5
August	100	744	160.9	761.8	262.9
September	100	720	121.4	624.7	192.4
October	100	744	66.0	451.9	113.4
November	100	720	26.5	338.3	65.9
December	100	744	22.9	241.9	42.6
Annual	100	8759	123.5	875.8	354.3



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

BAROMETRIC PRESSURE ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Barometric Pressure (inHg) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	29.0	29.7	29.6
February	100	672	29.0	29.9	29.8
March	100	743	29.1	29.8	29.8
April	98	704	29.0	29.6	29.5
May	100	744	29.0	29.4	29.4
June	100	720	28.9	29.3	29.2
July	100	744	29.0	29.3	29.3
August	88	654	29.0	29.3	29.2
September	98	709	28.9	29.4	29.3
October	100	744	29.1	29.5	29.4
November	100	720	28.9	29.5	29.4
December	100	743	28.9	29.3	29.2
Annual	99	8641	29.0	29.9	29.8



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Barometric Pressure (inHg) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	28.9	29.6	29.5
February	100	672	28.9	29.7	29.7
March	100	744	29.1	29.7	29.7
April	100	720	28.9	29.5	29.4
May	100	744	28.9	29.3	29.3
June	100	720	28.8	29.2	29.1
July	100	744	28.9	29.2	29.2
August	100	744	28.9	29.2	29.2
September	100	720	28.8	29.3	29.3
October	100	744	29.0	29.4	29.3
November	100	720	28.8	29.4	29.4
December	100	744	28.8	29.2	29.1
Annual	100	8760	28.9	29.7	29.7



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Barometric Pressure (inHg) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	29.1	29.8	29.7
February	100	672	29.1	30.0	29.9
March	100	743	29.3	29.9	29.9
April	100	720	29.1	29.7	29.6
May	100	743	29.1	29.5	29.5
June	100	720	29.0	29.4	29.3
July	100	743	29.1	29.4	29.4
August	100	744	29.1	29.4	29.3
September	100	720	29.0	29.5	29.4
October	100	744	29.2	29.6	29.5
November	100	720	29.0	29.6	29.6
December	100	744	29.0	29.4	29.3
Annual	100	8757	29.1	30.0	29.9



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

PRECIPITATION ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Precipitation Collector (mm) Average

Month	Operational Time (%)	Number of Data	Total Value	Maximum 1-Hour Value	Maximum 24-Hour Value
January	100	744	11.6	1.0	3.1
February	88	588	20.3	1.3	7.9
March	100	743	15.3	1.0	8.8
April	100	718	14.8	1.4	6.2
May	100	744	8.1	3.7	3.7
June	99	715	126.9	14.5	31.4
July	100	744	61.5	5.2	34.3
August	100	744	55.3	13.3	15.3
September	100	720	7.6	1.6	5.4
October	95	709	12.2	2.2	4.6
November	100	720	20.4	1.4	9.9
December	96	712	5.9	0.6	2.8
Annual	98	8601	360.0	14.5	34.3



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Precipitation Collector (mm) Average

Month	Operational Time (%)	Number of Data	Total Value	Maximum	
				1-Hour Value	24-Hour Value
January	0	0	-9999.0	-9999.0	-9999.0
February	0	0	-9999.0	-9999.0	-9999.0
March	96	424	1.2	1.0	0.2
April	100	720	6.8	1.1	2.1
May	100	744	4.5	2.1	2.3
June	100	720	51.7	5.7	34.0
July	100	744	41.6	7.0	27.4
August	100	744	23.2	3.3	6.1
September	100	720	14.3	3.0	5.1
October	100	743	10.1	1.0	2.9
November	100	719	19.7	1.0	7.2
December	100	744	9.6	0.3	1.2
Annual	83	7022	182.6	7.0	34.0



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Precipitation Collector (mm) Average

Month	Operational Time (%)	Number of Data	Total Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	11.1	1.3	2.3
February	100	672	24.8	2.3	5.6
March	100	743	18.3	0.9	9.0
April	100	719	9.4	0.9	3.8
May	100	742	2.6	1.2	1.6
June	100	720	154.3	10.1	51.3
July	100	744	67.0	5.5	27.0
August	100	744	44.9	11.9	18.1
September	100	720	8.1	2.2	5.6
October	100	742	34.7	1.8	9.4
November	100	720	26.7	1.2	14.0
December	100	744	4.1	0.6	2.5
Annual	100	8754	405.9	11.9	51.3



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Precipitation Collector (mm) Average

Month	Operational Time (%)	Number of Data	Total Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	8.3	0.9	5.1
February	100	672	9.6	0.9	2.9
March	100	743	9.0	1.5	5.9
April	100	718	9.3	1.4	3.8
May	100	744	13.8	2.2	5.8
June	95	686	111.6	7.7	34.9
July	100	744	113.3	15.5	50.0
August	100	744	71.6	5.8	23.7
September	99	710	19.9	3.2	6.5
October	100	743	12.3	1.4	5.1
November	99	712	8.5	1.1	5.0
December	100	744	3.1	0.4	2.4
Annual	99	8704	390.3	15.5	50.0



Wood Buffalo Environmental Association - Mackay River (AMS20)
Annual Summary for the Year 2023
Precipitation Collector (mm) Average

Month	Operational Time (%)	Number of Data	Total Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	10.0	1.3	4.0
February	100	672	28.2	2.1	8.0
March	100	743	26.7	2.1	10.1
April	100	720	19.4	1.9	6.8
May	100	744	10.1	1.2	3.6
June	100	720	182.0	17.8	42.2
July	100	744	112.5	8.7	36.8
August	100	744	69.8	11.4	19.3
September	100	720	4.4	1.3	2.8
October	100	744	13.5	2.5	4.8
November	100	719	13.0	1.5	3.6
December	100	744	4.8	1.2	3.4
Annual	100	8758	494.5	17.8	42.2



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

SURFACE WETNESS ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Surface Wetness (% of range) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	0.7	21.3	4.1
February	100	670	3.0	88.6	14.1
March	100	743	0.1	23.8	1.2
April	99	713	1.6	66.9	13.6
May	100	744	1.2	65.4	11.6
June	100	717	8.4	67.6	42.0
July	97	719	7.0	87.0	26.0
August	99	735	13.6	94.2	32.8
September	100	718	7.8	91.6	28.0
October	100	741	7.6	83.9	31.3
November	100	717	5.9	79.3	19.4
December	100	742	4.5	31.3	13.5
Annual	99	8703	5.1	94.2	42.0



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Surface Wetness (% of range) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	3.2	9.7	9.0
February	100	672	0.5	4.5	4.2
March	100	743	0.1	1.8	0.8
April	100	718	0.8	49.5	6.2
May	100	744	0.1	19.8	1.4
June	100	720	1.6	41.8	24.5
July	100	742	1.3	49.2	22.3
August	100	744	4.6	68.3	27.3
September	100	720	6.3	74.5	35.9
October	100	744	6.1	84.4	42.5
November	100	720	2.2	13.1	3.5
December	100	744	2.3	33.7	7.5
Annual	100	8755	2.4	84.4	42.5



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Surface Wetness (% of range) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	0.4	23.6	2.2
February	100	671	1.8	62.7	14.5
March	100	744	0.1	1.9	0.6
April	100	720	1.0	69.7	12.9
May	100	744	0.5	36.2	5.5
June	100	720	6.9	68.2	24.3
July	100	744	5.1	71.9	21.1
August	100	744	5.5	64.0	20.4
September	100	720	2.9	56.5	17.5
October	100	744	2.4	67.5	17.5
November	100	719	1.7	82.1	15.3
December	100	744	0.3	7.4	1.9
Annual	100	8758	2.4	82.1	24.3



Wood Buffalo Environmental Association - Stony Mountain (AMS18)
Annual Summary for the Year 2023
Surface Wetness (% of range) Average

Month	Operational Time (%)	Number of Data	Mean Value	Maximum	
				1-Hour Value	24-Hour Value
January	100	744	3.0	31.6	6.3
February	100	672	2.4	67.3	10.3
March	100	743	1.7	4.0	2.5
April	100	720	1.9	37.1	8.7
May	100	744	1.9	26.9	9.0
June	100	720	5.3	58.3	20.3
July	100	744	5.4	58.0	20.6
August	100	744	6.3	53.1	24.2
September	100	720	3.1	34.1	13.1
October	100	744	2.9	32.1	15.6
November	100	720	2.9	25.0	10.8
December	100	744	2.2	4.6	4.1
Annual	100	8759	3.3	67.3	24.2



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

VERTICAL WIND SPEED ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Vertical Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.35	0.32	0.06	0.01	0.09	0.01	0.00	0.00	0.00	1.03
-0.8 - -1.4	0.33	0.00	0.00	0.00	0.05	0.32	4.67	3.06	0.94	0.35	0.37	2.10	0.89	0.29	0.15	0.15	13.66	
-0.6 - -0.7	0.55	0.13	0.06	0.05	0.05	0.70	4.31	1.26	0.47	0.28	0.30	1.25	0.62	0.45	0.46	0.22	11.16	
-0.4 - -0.5	0.90	0.31	0.03	0.03	0.20	0.95	6.05	1.18	0.47	0.44	0.45	0.76	0.79	0.74	0.89	0.68	14.88	
0 - -0.3	4.33	0.98	0.49	0.64	1.03	3.01	9.31	2.32	0.90	0.97	1.26	1.58	1.40	1.65	4.35	7.84	42.07	
0 - 0.3	2.63	1.35	0.58	0.42	0.65	1.37	3.58	0.67	0.31	0.20	0.07	0.15	0.18	0.46	0.95	3.42	16.99	
0.4 - 0.5	0.02	0.01	0.01	0.00	0.00	0.00	0.09	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.18	
0.6 - 0.7	0.01	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	0.02	
0.8 - 1.4	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	
1.5 - 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Totals	8.79	2.78	1.17	1.13	1.96	6.39	28.19	8.86	3.42	2.29	2.46	5.94	3.90	3.60	6.80	12.31	100.00	

Total Number of Valid Hours 8658
Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Vertical Wind Speed 45m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	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	0.02	0.02	0.00	0.00	0.06
-0.8 - -1.4	0.29	0.03	0.01	0.00	0.00	0.02	0.01	0.03	0.02	0.00	0.00	0.08	0.35	0.81	0.96	0.35	0.00	2.98
-0.6 - -0.7	0.59	0.19	0.08	0.00	0.01	0.03	0.02	0.06	0.06	0.00	0.05	0.21	0.41	0.66	0.46	0.51	0.00	3.34
-0.4 - -0.5	0.89	0.27	0.07	0.08	0.07	0.08	0.13	0.22	0.10	0.03	0.09	0.78	0.52	0.45	0.59	1.20	0.00	5.58
0 - -0.3	4.59	0.90	0.43	0.46	0.53	0.89	2.44	1.47	1.08	0.41	0.51	2.83	1.27	0.94	1.85	7.69	0.00	28.29
0 - 0.3	2.73	1.27	0.50	0.54	1.01	4.06	11.04	4.09	1.88	1.56	1.66	2.19	0.97	0.66	1.01	2.33	0.00	37.50
0.4 - 0.5	0.05	0.03	0.01	0.05	0.09	1.13	5.96	1.32	0.35	0.29	0.44	0.34	0.08	0.03	0.02	0.05	0.00	10.25
0.6 - 0.7	0.00	0.01	0.00	0.00	0.02	0.38	4.44	0.64	0.12	0.23	0.25	0.13	0.08	0.01	0.01	0.01	0.00	6.33
0.8 - 1.4	0.01	0.00	0.00	0.00	0.00	0.28	4.34	0.51	0.12	0.08	0.06	0.08	0.05	0.01	0.00	0.01	0.00	5.55
1.5 - 10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.13
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	9.16	2.71	1.10	1.13	1.74	6.89	28.49	8.35	3.72	2.61	3.06	6.64	3.73	3.60	4.93	12.15	0.00	100.00

Total Number of Valid Hours 8635
Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Vertical Wind Speed 100m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.06	0.00	0.01	0.22	0.07	0.17	0.15	0.00	0.79
-0.8 - -1.4	0.06	0.00	0.01	0.00	0.00	0.00	0.01	0.14	0.80	0.60	0.13	0.13	1.25	0.67	1.03	0.96	0.17	5.98
-0.6 - -0.7	0.08	0.01	0.00	0.00	0.00	0.00	0.03	0.30	0.51	0.44	0.23	0.24	1.07	0.45	0.34	0.43	0.29	4.44
-0.4 - -0.5	0.22	0.01	0.01	0.00	0.01	0.01	0.03	0.57	1.01	0.76	0.36	0.37	0.92	0.45	0.53	0.45	0.60	6.32
0 - -0.3	1.45	0.17	0.15	0.10	0.19	0.42	2.97	4.16	2.82	2.10	1.52	2.21	1.14	1.02	1.57	3.33	25.34	
0 - 0.3	5.32	1.36	0.96	0.72	0.95	2.03	5.66	5.30	1.53	1.10	1.15	0.98	0.73	0.43	0.55	3.59	32.37	
0.4 - 0.5	2.01	0.93	0.16	0.24	0.28	0.95	2.18	1.60	0.24	0.26	0.23	0.21	0.17	0.07	0.10	0.14	9.80	
0.6 - 0.7	0.74	0.52	0.08	0.02	0.13	0.41	1.64	1.12	0.06	0.12	0.17	0.12	0.13	0.08	0.03	0.05	5.41	
0.8 - 1.4	0.63	0.56	0.12	0.06	0.12	0.69	2.92	1.46	0.19	0.13	0.14	0.36	0.13	0.06	0.07	0.08	7.69	
1.5 - 10	0.01	0.05	0.00	0.00	0.01	0.06	0.80	0.48	0.02	0.06	0.03	0.15	0.15	0.00	0.00	0.02	1.85	
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Totals	10.53	3.61	1.50	1.15	1.68	4.64	17.20	16.53	6.73	4.49	4.01	7.48	4.10	3.74	4.32	8.28	100.00	

Total Number of Valid Hours 8606
Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Vertical Wind Speed 163m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.01	0.00	0.00	0.00	0.00	0.02	0.04	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
-0.8 - -1.4	0.05	0.02	0.02	0.02	0.00	0.08	0.58	0.38	1.07	0.14	0.01	0.00	0.05	0.02	0.05	0.05	0.05	2.54
-0.6 - -0.7	0.07	0.01	0.05	0.02	0.02	0.04	0.53	0.27	0.67	0.14	0.00	0.07	0.00	0.08	0.07	0.02	0.02	2.07
-0.4 - -0.5	0.23	0.06	0.05	0.08	0.02	0.16	0.79	0.61	0.80	0.28	0.06	0.09	0.04	0.07	0.21	0.08	0.08	3.64
0 - -0.3	0.70	0.32	0.48	0.55	0.40	0.85	1.90	2.15	2.82	1.67	0.28	0.39	0.09	0.43	0.94	0.45	0.45	14.43
0 - 0.3	4.34	1.80	1.30	0.63	1.09	1.69	3.57	3.78	2.29	2.68	2.01	1.63	1.02	1.49	1.68	2.07	2.07	33.09
0.4 - 0.5	2.14	1.79	0.28	0.06	0.08	0.32	1.57	1.37	0.46	0.53	0.78	1.14	0.49	0.54	0.43	1.07	1.07	13.05
0.6 - 0.7	1.13	1.17	0.08	0.01	0.07	0.23	1.00	1.09	0.40	0.32	0.56	0.94	0.76	0.36	0.25	0.36	0.36	8.75
0.8 - 1.4	1.15	1.34	0.18	0.06	0.09	0.35	2.42	2.02	0.56	0.46	1.09	2.28	1.89	0.75	0.23	0.42	0.42	15.31
1.5 - 10	0.08	0.12	0.01	0.00	0.00	0.04	1.22	1.53	0.26	0.29	0.36	1.21	1.09	0.49	0.02	0.11	0.11	6.84
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	9.90	6.63	2.46	1.45	1.79	3.78	13.62	13.30	9.45	6.51	5.16	7.75	5.44	4.25	3.89	4.63	4.63	100.00

Total Number of Valid Hours 8511
Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Vertical Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals		
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW			
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03
-0.8 - -1.4	0.78	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.35	0.63	0.00	0.00	2.24
-0.6 - -0.7	1.03	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.18	0.33	0.66	0.00	0.00	2.74
-0.4 - -0.5	1.69	0.98	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.09	0.22	0.60	0.60	1.01	0.00	0.00	5.23
0 - -0.3	2.54	3.13	0.51	0.02	0.00	0.03	0.01	0.05	0.20	0.80	1.46	3.10	4.70	2.59	2.07	2.69	0.00	0.00	23.90
0 - 0.3	0.36	0.82	1.30	0.80	0.80	0.77	1.21	4.73	4.26	2.78	2.02	2.84	2.22	0.71	0.30	0.32	0.00	0.00	26.23
0.4 - 0.5	0.01	0.01	0.16	0.54	0.62	0.37	3.13	7.31	1.24	0.24	0.12	0.10	0.03	0.02	0.00	0.00	0.00	0.00	13.92
0.6 - 0.7	0.00	0.00	0.00	0.10	0.32	0.40	4.83	7.05	0.33	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.10
0.8 - 1.4	0.00	0.00	0.00	0.06	0.40	1.13	5.62	4.97	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.34
1.5 - 10	0.00	0.00	0.00	0.00	0.02	0.08	0.08	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.25
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.43	5.68	1.98	1.52	2.17	2.79	14.89	24.13	6.21	3.86	3.62	6.13	7.19	4.38	3.69	5.32	100.00	100.00	

Total Number of Valid Hours 8677
Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Vertical Wind Speed 45m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
-0.8 - -1.4	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.20	0.41	0.55	0.38	0.98		3.82
-0.6 - -0.7	0.56	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.14	0.69	1.71	1.28	0.69	0.48	0.77		6.31
-0.4 - -0.5	1.75	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.87	1.24	1.45	2.11	1.14	0.92	1.03		10.59
0 - -0.3	4.09	2.34	0.30	0.13	0.21	0.14	0.51	0.72	2.22	2.49	1.93	2.07	2.20	1.34	1.71	2.37		24.74
0 - 0.3	1.03	1.85	1.00	0.51	0.76	0.72	4.39	5.79	2.79	0.46	0.20	0.26	0.31	0.23	0.27	0.38		20.95
0.4 - 0.5	0.12	0.38	0.41	0.42	0.45	0.37	4.93	4.73	0.39	0.06	0.03	0.05	0.01	0.03	0.02	0.05		12.45
0.6 - 0.7	0.05	0.05	0.13	0.29	0.48	0.46	4.60	4.43	0.12	0.05	0.00	0.01	0.02	0.02	0.01	0.01		10.72
0.8 - 1.4	0.01	0.01	0.10	0.17	0.62	1.57	3.82	3.23	0.12	0.00	0.02	0.00	0.01	0.01	0.01	0.00		9.71
1.5 - 10	0.00	0.00	0.00	0.01	0.03	0.46	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.67
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Totals	7.76	4.67	1.94	1.55	2.54	3.73	18.34	18.97	5.65	4.07	4.30	6.74	6.35	4.01	3.80	5.59		100.00

Total Number of Valid Hours 8608
Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Vertical Wind Speed 75m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
-0.8 - -1.4	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.52	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.01	0.62
-0.6 - -0.7	0.15	0.00	0.00	0.01	0.02	0.01	1.34	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.17	1.78
-0.4 - -0.5	0.38	0.09	0.00	0.00	0.14	0.08	1.92	0.00	0.01	0.21	0.20	0.16	0.05	0.00	0.03	0.50	3.78	
0 - -0.3	2.35	1.23	0.21	0.10	0.50	0.35	6.36	0.49	0.31	2.41	2.13	2.29	0.73	0.30	0.61	1.54	21.92	
0 - 0.3	3.37	3.55	1.25	0.78	0.94	1.00	4.90	5.24	4.90	1.89	2.28	3.53	4.27	2.00	1.89	2.30	44.08	
0.4 - 0.5	0.63	0.64	0.33	0.45	0.36	0.43	0.66	4.47	1.91	0.17	0.17	0.51	1.11	0.98	0.56	0.27	13.65	
0.6 - 0.7	0.47	0.21	0.17	0.19	0.31	0.45	0.29	3.51	0.59	0.14	0.07	0.22	0.19	0.48	0.14	0.12	7.55	
0.8 - 1.4	0.33	0.16	0.15	0.24	0.21	0.93	0.54	2.26	0.35	0.03	0.05	0.09	0.12	0.31	0.12	0.15	6.04	
1.5 - 10	0.00	0.01	0.00	0.00	0.00	0.37	0.07	0.02	0.05	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.57	
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Totals	7.70	5.90	2.11	1.78	2.49	3.64	16.62	15.99	8.12	4.86	4.96	6.82	6.48	4.10	3.36	5.07	100.00	

Total Number of Valid Hours 8594
Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Vertical Wind Speed 90m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< -10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.5 - -10	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.02	0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.19
-0.8 - -1.4	0.01	0.00	0.00	0.01	0.00	0.40	0.86	0.12	0.13	0.91	1.12	1.72	0.26	0.06	0.02	0.01	5.62	
-0.6 - -0.7	0.00	0.00	0.00	0.00	0.02	0.16	0.86	0.07	0.26	0.97	0.99	1.41	0.75	0.06	0.02	0.04	5.61	
-0.4 - -0.5	0.02	0.01	0.00	0.00	0.05	0.19	1.07	0.29	1.09	1.54	1.32	1.26	1.52	0.29	0.09	0.11	8.84	
0 - -0.3	0.48	0.08	0.12	0.12	0.29	0.67	3.21	3.36	5.50	1.65	1.54	2.38	3.29	2.22	1.10	1.25	27.23	
0 - 0.3	2.81	1.25	0.76	0.47	0.81	1.42	5.41	7.46	1.06	0.29	0.16	0.40	0.54	1.72	1.68	2.45	28.68	
0.4 - 0.5	1.59	0.99	0.49	0.28	0.40	0.58	2.10	1.28	0.19	0.07	0.04	0.06	0.07	0.13	0.29	0.76	9.31	
0.6 - 0.7	1.10	1.18	0.28	0.26	0.34	0.44	0.99	0.50	0.08	0.01	0.00	0.01	0.02	0.06	0.16	0.29	5.73	
0.8 - 1.4	2.02	1.42	0.46	0.37	0.62	1.06	0.57	0.23	0.08	0.04	0.00	0.01	0.04	0.11	0.05	0.28	7.35	
1.5 - 10	0.44	0.14	0.09	0.05	0.04	0.50	0.05	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.00	0.05	1.42	
> 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Totals	8.47	5.08	2.19	1.55	2.56	5.47	15.16	13.33	8.39	5.51	5.20	7.32	6.48	4.66	3.42	5.23	100.00	

Total Number of Valid Hours 8570
Total Number of Hours 8760



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

WIND SPEED AND DIRECTION ANNUAL 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association - Fort McKay - Bertha Ganter (AMS01)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	3.34	2.08	1.53	1.43	1.02	1.14	1.72	3.66	6.60	4.73	2.86	2.58	2.65	4.01	2.82	2.76	44.92
6 - 11	4.57	3.18	1.22	0.39	0.39	0.72	1.56	5.76	10.42	2.10	1.06	1.41	1.78	2.26	1.59	1.77	40.16
12 - 19	2.60	1.20	0.02	0.01	0.01	0.11	0.39	3.13	2.83	0.37	0.14	0.16	0.17	0.32	0.81	0.73	13.03
20 - 28	0.54	0.06	0.00	0.00	0.00	0.00	0.17	0.41	0.15	0.00	0.00	0.00	0.00	0.03	0.28	0.14	1.78
29 - 38	0.07	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	11.11	6.52	2.76	1.84	1.42	1.97	3.88	12.96	19.99	7.19	4.05	4.15	4.60	6.63	5.51	5.41	100.00

Total Number of Valid Hours 8718
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Mildred Lake (AMS02)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.37	1.52	1.21	1.05	1.02	1.38	1.75	2.57	3.53	2.20	1.04	0.97	0.65	0.58	0.84	1.85	24.55
6 - 11	5.60	2.73	0.62	0.87	0.97	2.21	5.09	8.99	6.15	3.16	2.69	1.48	1.28	2.15	1.82	3.52	49.35
12 - 19	3.20	0.96	0.13	0.06	0.37	1.04	4.57	3.54	1.11	0.47	1.35	0.88	1.66	1.50	1.04	1.05	22.95
20 - 28	0.46	0.03	0.00	0.00	0.03	0.26	0.50	0.22	0.14	0.07	0.03	0.21	0.30	0.28	0.39	0.19	3.12
29 - 38	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	0.02	0.00	0.03
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	11.64	5.25	1.96	1.98	2.40	4.89	11.92	15.31	10.93	5.90	5.12	3.54	3.90	4.52	4.11	6.61	100.00

Total Number of Valid Hours 8725
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.82	1.32	0.95	0.94	1.35	2.61	3.79	1.74	0.90	0.92	0.79	1.17	1.06	1.62	3.95	7.02	32.94
6 - 11	3.31	0.98	0.17	0.20	0.55	2.56	12.28	2.46	0.83	0.57	0.97	1.56	1.17	0.68	1.55	4.01	33.85
12 - 19	2.32	0.44	0.05	0.00	0.05	1.13	10.29	3.00	1.11	0.64	0.53	2.45	1.48	1.13	1.16	1.13	26.90
20 - 28	0.33	0.05	0.00	0.00	0.01	0.07	1.74	1.47	0.52	0.10	0.15	0.73	0.20	0.17	0.15	0.15	5.84
29 - 38	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.18	0.06	0.06	0.02	0.03	0.00	0.00	0.00	0.00	0.46
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	8.79	2.78	1.17	1.13	1.96	6.39	28.19	8.86	3.42	2.29	2.46	5.94	3.90	3.60	6.80	12.31	100.00

Total Number of Valid Hours 8658
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Wind Speed 45m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.66	0.78	0.58	0.59	0.80	1.30	2.12	1.19	0.73	0.80	0.71	0.76	0.90	0.89	1.77	3.15	18.73
6 - 11	2.66	0.68	0.32	0.50	0.63	2.52	8.04	2.33	1.03	0.72	1.12	1.12	0.69	0.71	1.26	5.76	30.10
12 - 19	2.99	0.80	0.14	0.05	0.27	1.95	11.57	2.28	1.05	0.79	0.78	2.20	1.10	0.88	1.07	2.49	30.39
20 - 28	1.47	0.38	0.06	0.00	0.03	1.01	5.18	2.04	0.78	0.23	0.39	2.00	0.88	0.98	0.73	0.61	16.78
29 - 38	0.31	0.05	0.00	0.00	0.01	0.10	1.44	0.50	0.13	0.07	0.06	0.53	0.15	0.14	0.10	0.14	3.73
> 38	0.07	0.02	0.00	0.00	0.00	0.01	0.15	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.28
Totals	9.16	2.71	1.10	1.13	1.74	6.89	28.49	8.35	3.72	2.61	3.06	6.64	3.73	3.60	4.93	12.15	100.00

Total Number of Valid Hours 8635
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Wind Speed 100m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.76	0.53	0.56	0.43	0.57	0.88	0.93	0.83	0.71	0.78	0.46	0.62	0.57	0.53	0.79	0.98	10.92
6 - 11	2.68	1.00	0.57	0.55	0.63	1.39	2.95	3.09	2.17	1.73	1.17	0.99	0.79	0.76	1.09	3.00	24.56
12 - 19	3.96	1.15	0.24	0.14	0.40	1.32	4.52	6.43	2.28	1.12	1.42	1.92	0.84	0.53	1.02	2.86	30.14
20 - 28	2.28	0.66	0.09	0.03	0.07	0.65	4.78	4.59	0.95	0.53	0.73	2.20	1.12	1.17	0.87	0.99	21.72
29 - 38	0.64	0.20	0.03	0.00	0.02	0.34	3.42	1.48	0.57	0.27	0.17	1.42	0.66	0.64	0.49	0.35	10.69
> 38	0.21	0.07	0.00	0.00	0.00	0.05	0.60	0.13	0.05	0.06	0.05	0.35	0.13	0.10	0.06	0.12	1.96
Totals	10.53	3.61	1.50	1.15	1.68	4.64	17.20	16.53	6.73	4.49	4.01	7.48	4.10	3.74	4.32	8.28	100.00

Total Number of Valid Hours 8606
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp Met Tower (AMS03)
Annual Summary for the Year 2023
Wind Speed 163m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.42	0.35	0.58	0.41	0.53	0.43	0.54	0.53	0.40	0.49	0.33	0.38	0.45	0.51	0.38	0.48	7.20
6 - 11	1.76	1.16	0.79	0.65	0.72	0.82	1.68	1.72	1.57	1.62	1.09	0.98	0.88	0.69	0.73	1.39	18.25
12 - 19	3.75	2.46	0.78	0.27	0.45	1.40	2.47	3.96	3.30	2.56	2.10	1.80	0.86	0.56	0.89	1.47	29.07
20 - 28	2.70	2.01	0.21	0.12	0.09	0.59	3.56	4.31	2.61	1.33	1.15	2.61	1.27	1.14	0.87	0.69	25.26
29 - 38	0.93	0.51	0.11	0.00	0.00	0.31	4.04	2.24	1.15	0.28	0.38	1.35	1.23	1.02	0.92	0.41	14.87
> 38	0.34	0.14	0.00	0.00	0.00	0.23	1.33	0.54	0.41	0.22	0.11	0.65	0.75	0.33	0.11	0.19	5.35
Totals	9.90	6.63	2.46	1.45	1.79	3.78	13.62	13.30	9.45	6.51	5.16	7.75	5.44	4.25	3.89	4.63	100.00

Total Number of Valid Hours 8511
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Buffalo Viewpoint (AMS04)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.66	1.59	0.98	0.54	0.56	1.08	2.36	5.07	3.40	1.68	1.34	1.01	0.97	0.95	1.11	1.12	25.44
6 - 11	4.60	3.27	1.23	0.60	0.71	1.98	7.16	15.09	4.21	2.20	1.68	1.78	2.03	1.96	1.76	1.51	51.79
12 - 19	3.47	1.22	0.21	0.03	0.18	1.10	1.59	1.41	0.86	0.44	0.89	2.53	2.26	1.01	1.10	0.73	19.02
20 - 28	0.85	0.09	0.00	0.01	0.00	0.17	0.01	0.00	0.02	0.05	0.07	0.75	0.54	0.21	0.48	0.21	3.47
29 - 38	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.01	0.02	0.00	0.28
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	10.68	6.20	2.42	1.19	1.46	4.34	11.13	21.57	8.50	4.37	3.98	6.17	5.82	4.14	4.47	3.56	100.00

Total Number of Valid Hours 8673
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.89	0.75	0.73	0.46	0.58	0.76	1.06	1.50	1.41	1.19	1.00	1.01	1.24	0.93	0.88	1.12	15.50
6 - 11	2.52	2.43	0.99	0.83	1.01	1.12	4.16	12.33	3.75	2.10	1.58	2.29	1.92	1.37	1.56	2.19	42.16
12 - 19	2.24	2.03	0.22	0.18	0.48	0.74	7.56	9.63	0.82	0.48	0.92	1.83	2.69	1.13	0.84	1.42	33.21
20 - 28	0.68	0.43	0.05	0.05	0.09	0.17	2.09	0.67	0.23	0.09	0.10	0.80	1.15	0.78	0.39	0.55	8.32
29 - 38	0.10	0.05	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.18	0.17	0.15	0.02	0.05	0.77
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.03
Totals	6.43	5.68	1.98	1.52	2.17	2.79	14.89	24.13	6.21	3.86	3.62	6.13	7.19	4.38	3.69	5.32	100.00

Total Number of Valid Hours 8677
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Wind Speed 45m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.53	0.60	0.46	0.39	0.50	0.48	0.70	0.53	0.45	0.56	0.53	0.60	0.51	0.53	0.42	0.53	8.35
6 - 11	1.77	1.30	0.82	0.71	0.89	1.02	3.16	3.18	1.61	1.35	1.18	1.09	1.18	0.92	1.34	1.78	23.32
12 - 19	2.81	1.82	0.56	0.37	0.93	1.59	7.12	9.01	2.35	1.57	1.58	2.46	2.30	1.09	1.25	1.89	38.72
20 - 28	1.88	0.79	0.05	0.05	0.21	0.58	6.63	5.75	1.08	0.51	0.84	1.86	1.82	0.81	0.49	0.82	24.18
29 - 38	0.65	0.10	0.05	0.02	0.01	0.06	0.73	0.49	0.15	0.08	0.13	0.57	0.49	0.55	0.28	0.56	4.91
> 38	0.12	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.05	0.10	0.02	0.00	0.52
Totals	7.76	4.67	1.94	1.55	2.54	3.73	18.34	18.97	5.65	4.07	4.30	6.74	6.35	4.01	3.80	5.59	100.00

Total Number of Valid Hours 8608
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Wind Speed 75m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.43	0.54	0.41	0.35	0.45	0.54	0.77	0.42	0.58	0.47	0.43	0.38	0.45	0.36	0.38	0.42	7.38
6 - 11	1.58	1.13	0.80	0.84	0.98	1.77	2.77	2.18	1.38	1.15	1.30	1.06	0.92	0.77	0.97	1.27	20.86
12 - 19	2.57	2.04	0.71	0.50	0.87	1.19	5.33	5.03	2.59	1.95	1.62	1.83	1.64	0.93	1.08	1.75	31.63
20 - 28	1.83	1.71	0.14	0.05	0.17	0.15	6.12	6.10	2.72	1.07	1.26	2.23	2.43	1.20	0.48	1.05	28.71
29 - 38	0.98	0.38	0.05	0.03	0.01	0.00	1.61	2.14	0.80	0.19	0.31	1.11	0.90	0.64	0.31	0.52	9.98
> 38	0.31	0.10	0.00	0.01	0.00	0.00	0.02	0.13	0.03	0.03	0.03	0.21	0.14	0.20	0.14	0.07	1.44
Totals	7.70	5.90	2.11	1.78	2.49	3.64	16.62	15.99	8.12	4.86	4.96	6.82	6.48	4.10	3.36	5.07	100.00

Total Number of Valid Hours 8594
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Mannix (AMS05)
Annual Summary for the Year 2023
Wind Speed 90m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.50	0.41	0.43	0.35	0.40	0.57	0.63	0.34	0.50	0.48	0.37	0.42	0.37	0.50	0.26	0.44	6.98
6 - 11	1.40	1.06	0.86	0.71	0.86	1.51	2.21	1.83	1.44	1.31	1.10	1.11	0.88	0.75	0.99	1.09	19.09
12 - 19	2.75	1.70	0.70	0.37	1.00	2.29	3.89	4.01	2.42	2.10	1.87	1.96	1.51	1.02	1.16	1.75	30.49
20 - 28	2.26	1.45	0.13	0.07	0.21	0.93	6.15	4.94	3.00	1.24	1.42	2.28	2.43	1.39	0.50	1.06	29.45
29 - 38	1.20	0.36	0.07	0.04	0.08	0.18	2.24	2.04	0.99	0.33	0.39	1.26	1.13	0.72	0.33	0.64	12.00
> 38	0.35	0.09	0.00	0.01	0.00	0.00	0.05	0.16	0.05	0.06	0.06	0.29	0.16	0.28	0.19	0.25	2.00
Totals	8.47	5.08	2.19	1.55	2.56	5.47	15.16	13.33	8.39	5.51	5.2	7.32	6.48	4.66	3.42	5.23	100

Total Number of Valid Hours 8570
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Patricia McInnes (AMS06)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.75	0.63	0.71	0.53	0.91	1.19	1.73	2.50	2.41	2.45	1.33	1.02	1.05	1.13	0.96	0.86	20.17
6 - 11	3.10	1.30	1.07	0.80	1.65	3.66	6.23	3.71	4.20	4.84	4.30	2.09	1.63	1.56	1.75	3.38	45.27
12 - 19	2.22	1.00	0.28	0.18	0.68	4.70	3.56	0.54	1.01	0.71	2.71	2.87	1.88	1.67	1.13	2.72	27.85
20 - 28	0.64	0.20	0.02	0.05	0.18	0.61	0.38	0.13	0.23	0.14	0.30	0.79	0.82	0.67	0.45	0.56	6.16
29 - 38	0.07	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.13	0.08	0.14	0.06	0.02	0.55
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.78	3.12	2.08	1.56	3.42	10.21	11.91	6.88	7.86	8.13	8.64	6.90	5.46	5.16	4.34	7.55	100.00

Total Number of Valid Hours 8706
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Athabasca Valley (AMS07)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.40	0.91	0.89	1.31	2.06	3.10	5.31	4.02	2.45	2.80	2.13	1.77	1.53	1.01	1.58	1.33	33.60
6 - 11	2.71	0.47	0.28	0.71	1.49	2.95	14.09	3.90	1.27	1.87	3.07	1.31	0.65	0.54	1.15	4.59	41.05
12 - 19	0.87	0.16	0.05	0.15	0.52	1.51	5.87	0.54	0.55	0.34	1.26	1.87	1.04	0.79	0.78	3.65	19.96
20 - 28	0.17	0.05	0.00	0.00	0.07	0.26	0.36	0.08	0.09	0.02	0.23	0.54	0.77	0.71	0.34	1.09	4.78
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.07	0.13	0.11	0.21	0.06	0.59
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.02
Totals	5.15	1.58	1.22	2.17	4.14	7.82	25.64	8.54	4.37	5.04	6.70	5.55	4.13	3.18	4.06	10.71	100.00

Total Number of Valid Hours 8717
Total Number of Hours 8760



Wood Buffalo Environmental Association - Fort Chipewyan (AMS08)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.50	0.33	0.39	0.89	1.12	0.65	0.50	0.43	0.42	0.58	0.44	0.64	0.81	0.97	0.78	0.91	10.37
6 - 11	1.33	0.75	0.77	1.82	4.71	1.34	0.69	0.79	0.92	1.25	1.88	2.24	3.65	3.83	3.19	3.28	32.45
12 - 19	0.61	0.49	1.04	3.09	8.30	1.87	1.20	1.51	1.48	1.41	1.30	1.49	3.63	3.21	2.62	1.38	34.63
20 - 28	0.02	0.05	0.55	3.55	4.43	1.24	0.89	1.70	1.59	0.29	0.14	0.37	1.03	0.83	0.69	0.13	17.49
29 - 38	0.00	0.01	0.18	1.67	1.20	0.23	0.07	0.33	0.49	0.07	0.00	0.04	0.12	0.12	0.05	0.00	4.57
> 38	0.00	0.00	0.08	0.16	0.13	0.04	0.00	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49
Totals	2.46	1.62	3.00	11.19	19.89	5.37	3.35	4.78	4.97	3.61	3.76	4.79	9.24	8.96	7.32	5.70	100.00

Total Number of Valid Hours 8564
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Barge Landing (AMS09)
Annual Summary for the Year 2023
Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.36	0.88	0.67	0.78	0.70	0.71	0.87	1.19	1.73	1.41	1.76	1.41	1.04	1.29	1.38	2.01	19.19
6 - 11	2.33	2.45	2.06	1.29	1.07	1.30	3.67	8.43	7.01	4.63	3.21	2.37	1.57	1.10	2.31	4.14	48.94
12 - 19	1.88	3.10	1.26	0.31	0.11	0.55	2.53	6.22	3.18	1.12	1.23	1.59	0.94	0.85	0.53	1.25	26.63
20 - 28	0.54	0.79	0.05	0.01	0.00	0.15	0.48	0.80	0.24	0.10	0.19	0.59	0.17	0.24	0.19	0.21	4.76
29 - 38	0.07	0.09	0.00	0.00	0.00	0.06	0.03	0.01	0.00	0.00	0.01	0.16	0.01	0.02	0.01	0.00	0.48
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.17	7.31	4.04	2.39	1.89	2.77	7.58	16.65	12.16	7.26	6.42	6.12	3.73	3.50	4.43	7.60	100.00

Total Number of Valid Hours 8745
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Lower Camp (AMS11)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.87	1.19	1.07	1.33	1.74	3.69	3.40	1.34	0.86	0.76	0.53	0.80	2.35	3.36	4.33	3.15	31.78
6 - 11	2.28	1.13	0.48	0.41	0.68	7.15	10.67	3.61	1.05	0.75	0.63	1.24	1.21	1.53	2.38	3.02	38.20
12 - 19	1.81	1.16	0.27	0.05	0.22	4.96	5.49	1.39	0.17	0.05	0.90	2.35	1.96	1.18	0.69	1.11	23.76
20 - 28	0.25	0.18	0.10	0.02	0.01	0.84	1.98	0.01	0.00	0.00	0.14	0.43	0.65	0.64	0.38	0.15	5.79
29 - 38	0.00	0.05	0.00	0.00	0.00	0.02	0.21	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.00	0.01	0.47
> 38	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	0.01
Totals	6.20	3.72	1.92	1.81	2.65	16.67	21.76	6.35	2.08	1.56	2.19	4.83	6.28	6.77	7.78	7.43	100.00

Total Number of Valid Hours 8124
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Fort McKay South (AMS13)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.98	1.63	1.04	0.60	0.62	0.98	1.58	3.11	6.46	5.78	5.65	4.76	2.75	2.55	3.07	3.21	46.77
6 - 11	4.56	2.91	0.54	0.13	0.23	0.68	2.21	4.94	5.94	2.04	1.84	2.94	2.31	1.33	1.39	1.91	35.89
12 - 19	4.03	1.00	0.03	0.00	0.00	0.05	0.97	3.46	2.38	0.40	0.56	0.69	0.19	0.26	0.42	0.61	15.06
20 - 28	0.60	0.03	0.00	0.00	0.00	0.00	0.27	0.66	0.39	0.01	0.02	0.08	0.00	0.01	0.03	0.13	2.24
29 - 38	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	0.05
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	12.21	5.57	1.61	0.72	0.85	1.71	5.04	12.17	15.17	8.23	8.07	8.47	5.26	4.16	4.91	5.85	100.00

Total Number of Valid Hours 8733
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Anzac (AMS14)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.48	0.50	0.53	0.47	0.70	1.13	1.42	1.30	1.03	0.93	0.83	0.81	0.93	0.62	0.53	0.52	12.74
6 - 11	1.13	0.77	0.88	1.28	2.86	5.47	6.12	3.92	2.84	2.19	2.51	3.98	4.96	2.73	1.91	1.67	45.22
12 - 19	0.35	0.15	0.28	0.73	2.22	5.81	3.84	1.07	1.05	0.55	1.72	5.58	5.30	2.33	2.34	0.92	34.23
20 - 28	0.02	0.14	0.02	0.06	0.37	0.62	0.74	0.40	0.12	0.13	0.50	1.50	1.18	0.66	0.66	0.35	7.45
29 - 38	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.06	0.12	0.10	0.02	0.02	0.01	0.36
> 38	0.00	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	0.01
Totals	1.98	1.56	1.71	2.54	6.15	13.06	12.11	6.70	5.03	3.80	5.61	11.98	12.48	6.36	5.46	3.47	100.00

Total Number of Valid Hours 8676
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Wapasu (AMS17)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.69	1.29	1.60	1.39	1.61	2.24	3.14	2.05	1.76	1.18	0.68	0.73	0.83	0.84	1.03	1.03	23.08
6 - 11	4.21	1.90	1.08	0.62	0.67	1.63	4.89	9.12	9.18	4.20	3.72	2.01	1.17	1.26	1.34	3.26	50.26
12 - 19	1.88	0.36	0.22	0.09	0.09	1.03	4.26	6.79	2.17	1.42	2.28	0.95	0.34	0.31	0.31	1.97	24.49
20 - 28	0.09	0.01	0.00	0.00	0.00	0.36	0.39	0.57	0.03	0.08	0.15	0.13	0.00	0.00	0.03	0.32	2.17
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	7.87	3.56	2.89	2.10	2.36	5.26	12.68	18.54	13.14	6.89	6.83	3.82	2.34	2.41	2.72	6.59	100.00

Total Number of Valid Hours 8714
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Conklin Lookout (AMS18)
Annual Summary for the Year 2023
Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.72	0.84	0.64	0.71	0.71	0.60	0.49	0.44	0.77	0.65	0.54	0.31	0.40	0.41	0.54	0.65	9.40
6 - 11	2.98	2.65	2.53	1.82	2.41	2.11	2.08	2.17	2.23	3.51	2.99	2.22	3.04	3.40	3.95	3.53	43.62
12 - 19	1.10	0.55	0.59	0.44	0.50	0.97	1.65	2.39	4.16	5.20	5.63	3.60	4.25	4.74	2.46	2.01	40.22
20 - 28	0.10	0.04	0.17	0.09	0.05	0.11	0.10	0.37	0.62	1.36	1.18	0.07	0.54	0.65	0.72	0.47	6.66
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.10
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	4.90	4.08	3.93	3.05	3.66	3.79	4.31	5.37	7.79	10.72	10.35	6.21	8.23	9.25	7.72	6.66	100.00

Total Number of Valid Hours 8023
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Firebag (AMS19)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.84	0.56	0.72	0.45	0.41	0.66	0.80	1.10	1.14	0.93	1.07	0.82	0.53	0.56	0.68	0.70	11.98
6 - 11	2.24	1.96	0.80	0.68	0.65	1.39	1.96	2.70	3.50	3.55	4.18	2.87	1.98	1.94	1.91	2.81	35.13
12 - 19	2.81	1.03	0.53	0.28	0.49	1.35	2.10	3.19	4.41	5.95	4.88	3.22	1.48	0.82	1.51	2.69	36.75
20 - 28	0.89	0.35	0.21	0.11	0.07	0.17	0.87	2.77	2.77	1.86	1.07	1.06	0.35	0.41	0.31	0.99	14.26
29 - 38	0.01	0.03	0.03	0.00	0.03	0.18	0.08	0.30	0.55	0.13	0.13	0.07	0.00	0.01	0.06	0.28	1.89
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.80	3.93	2.29	1.52	1.65	3.76	5.81	10.06	12.37	12.41	11.33	8.04	4.35	3.74	4.46	7.47	100.00

Total Number of Valid Hours 7105
 Total Number of Hours 8760



Wood Buffalo Environmental Association -MacKay River (AMS20)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.16	2.02	1.51	1.34	1.59	2.76	6.73	4.34	3.41	2.57	2.85	3.38	2.46	1.11	1.34	1.35	39.91
6 - 11	1.78	3.37	1.72	0.69	1.79	5.09	4.07	2.94	8.99	4.43	3.23	4.31	3.42	2.20	1.70	1.44	51.16
12 - 19	0.27	0.70	0.12	0.07	0.22	1.15	0.37	0.69	1.45	0.48	0.30	0.45	0.42	1.01	0.70	0.24	8.65
20 - 28	0.07	0.05	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.01	0.28
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	3.27	6.13	3.34	2.10	3.60	9.03	11.17	7.97	13.87	7.50	6.39	8.14	6.31	4.36	3.77	3.04	100.00

Total Number of Valid Hours 8672
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Conklin (AMS21)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.44	1.60	1.05	1.10	1.17	2.04	4.36	8.03	6.61	3.65	1.81	1.17	1.41	2.77	3.81	4.14	47.16
6 - 11	1.91	1.55	0.63	0.54	0.66	2.22	2.14	2.85	3.44	5.10	5.38	2.28	2.46	3.86	3.53	2.10	40.66
12 - 19	0.40	0.32	0.03	0.02	0.05	0.66	0.78	1.23	1.37	1.60	2.00	0.58	0.62	0.28	0.72	1.14	11.80
20 - 28	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.06	0.03	0.02	0.06	0.01	0.00	0.00	0.10	0.38
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	4.77	3.47	1.71	1.67	1.87	4.92	7.29	12.16	11.48	10.37	9.21	4.08	4.51	6.91	8.06	7.49	100.00

Total Number of Valid Hours 8694
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Janvier (AMS22)
Annual Summary for the Year 2023
Wind Speed 20m (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.15	4.21	1.69	1.51	1.16	1.17	1.53	1.93	2.78	3.22	2.51	1.24	1.15	0.74	0.77	1.39	29.16
6 - 11	2.44	5.12	1.91	1.60	1.84	1.51	1.66	2.09	3.38	11.71	8.48	2.60	1.98	1.75	1.33	0.95	50.35
12 - 19	0.82	0.92	0.41	0.31	0.32	0.45	0.47	0.70	1.46	3.78	4.35	1.17	1.30	1.48	1.01	0.39	19.36
20 - 28	0.03	0.03	0.07	0.00	0.01	0.01	0.00	0.02	0.17	0.08	0.07	0.05	0.15	0.29	0.08	0.00	1.07
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.00	0.00	0.06
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	5.44	10.28	4.08	3.42	3.34	3.14	3.66	4.75	7.80	18.80	15.40	5.07	4.60	4.28	3.20	2.74	100.00

Total Number of Valid Hours 8693
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Fort Hills (AMS23)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.04	0.72	0.51	0.72	0.66	0.93	1.63	2.16	2.12	1.75	1.09	0.86	0.83	1.15	1.49	2.15	20.78
6 - 11	4.86	2.50	1.47	0.91	0.47	1.25	4.18	7.15	6.04	3.94	1.87	0.98	0.72	0.90	0.94	2.22	40.40
12 - 19	3.05	3.89	0.91	0.16	0.03	0.31	1.77	4.53	4.77	3.35	2.36	0.77	0.66	0.75	0.82	0.62	28.78
20 - 28	1.77	1.89	0.16	0.00	0.00	0.03	0.44	1.04	1.24	0.46	0.60	0.42	0.23	0.19	0.22	0.16	8.85
29 - 38	0.29	0.10	0.01	0.00	0.00	0.02	0.07	0.14	0.14	0.05	0.08	0.14	0.01	0.01	0.00	0.06	1.12
> 38	0.02	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	0.07
Totals	12.03	9.14	3.07	1.79	1.17	2.54	8.08	15.02	14.30	9.55	6.00	3.17	2.45	3.00	3.47	5.22	100.00

Total Number of Valid Hours 8646
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Waskow ohci Pimatisiwin (AMS25)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.90	2.21	2.03	1.58	2.31	2.88	7.15	13.47	5.75	3.22	3.01	3.79	4.76	4.16	3.39	3.47	66.09
6 - 11	3.21	1.96	0.41	0.05	0.19	0.46	5.24	5.99	1.33	0.94	1.38	1.58	1.70	1.31	1.29	2.65	29.68
12 - 19	0.78	0.15	0.00	0.00	0.00	0.09	0.52	0.44	0.08	0.07	0.09	0.20	0.13	0.27	0.44	0.80	4.04
20 - 28	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.19
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.92	4.32	2.44	1.63	2.49	3.43	12.90	19.90	7.16	4.23	4.48	5.57	6.59	5.74	5.21	6.99	100.00

Total Number of Valid Hours 7543
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Christina Lake (AMS26)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.24	0.36	0.88	1.14	1.48	1.36	1.53	1.98	2.99	3.36	1.25	0.61	0.37	0.16	0.11	0.13	17.95
6 - 11	0.52	1.89	2.15	1.72	1.80	1.90	2.46	3.11	3.82	7.11	5.63	5.45	1.68	0.83	0.60	0.32	41.00
12 - 19	0.65	2.22	1.13	0.60	0.43	1.14	1.37	2.92	2.75	2.86	3.03	4.38	3.89	2.29	3.10	1.15	33.92
20 - 28	0.07	0.11	0.08	0.11	0.06	0.35	0.16	0.62	0.68	0.26	0.41	0.66	0.42	0.76	1.51	0.43	6.70
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07	0.22	0.12	0.43
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	1.48	4.58	4.24	3.57	3.77	4.74	5.51	8.64	10.25	13.60	10.32	11.12	6.38	4.11	5.54	2.16	100.00

Total Number of Valid Hours 8325
Total Number of Hours 8760



Wood Buffalo Environmental Association - Jackfish 2/3 (AMS27)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.51	2.35	2.45	1.60	1.22	1.52	1.88	2.24	4.32	3.09	2.52	2.65	1.78	1.32	1.73	1.43	33.62
6 - 11	0.89	2.03	2.24	1.00	1.65	1.79	1.81	3.31	6.59	7.50	8.56	7.58	4.56	2.87	2.54	1.58	56.51
12 - 19	0.00	0.06	0.30	0.18	0.30	0.13	0.08	0.25	0.44	0.76	1.86	3.59	0.75	0.70	0.33	0.03	9.77
20 - 28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.09
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	2.40	4.44	4.99	2.79	3.17	3.44	3.77	5.80	11.34	11.36	12.94	13.91	7.09	4.90	4.60	3.05	100.00

Total Number of Valid Hours 8665
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Surmont 2 (AMS29)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	1.84	1.54	0.93	0.95	1.39	3.03	5.18	4.08	2.87	3.58	6.22	12.32	6.44	3.27	2.25	2.02	57.92
6 - 11	1.54	0.71	0.50	0.58	1.22	4.69	5.55	1.72	0.54	0.35	0.42	4.14	7.31	3.30	1.85	2.27	36.70
12 - 19	0.03	0.00	0.05	0.00	0.24	0.66	0.46	0.05	0.01	0.00	0.01	0.85	1.23	1.02	0.27	0.34	5.22
20 - 28	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.02	0.00	0.00	0.16
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	3.42	2.25	1.47	1.53	2.85	8.40	11.20	5.84	3.43	3.93	6.65	17.35	15.06	7.62	4.37	4.63	100.00

Total Number of Valid Hours 8627
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Ells River (AMS30)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.23	1.37	1.01	0.68	0.71	0.78	1.17	1.53	2.32	2.92	1.97	1.92	2.47	3.11	1.87	1.43	27.50
6 - 11	2.42	3.48	1.37	1.07	0.86	0.70	1.73	4.77	9.12	5.98	4.61	2.52	1.76	1.97	1.10	1.22	44.68
12 - 19	1.56	3.83	1.40	0.33	0.15	0.17	0.66	2.89	3.45	1.71	1.90	1.14	0.67	0.68	0.63	0.43	21.60
20 - 28	0.44	1.78	0.35	0.01	0.00	0.03	0.31	0.83	0.63	0.15	0.05	0.16	0.06	0.24	0.23	0.12	5.38
29 - 38	0.24	0.22	0.06	0.00	0.00	0.01	0.09	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.03	0.07	0.77
> 38	0.02	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	0.07
Totals	6.91	10.73	4.19	2.09	1.73	1.70	3.96	10.03	15.55	10.76	8.52	5.75	4.96	5.99	3.88	3.25	100.00

Total Number of Valid Hours 8695
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Leismer (AMS501)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.65	0.46	0.34	0.46	0.80	1.37	1.49	1.95	3.13	4.54	2.79	2.44	3.51	1.45	0.99	0.95	27.32
6 - 11	1.30	0.69	0.38	0.27	1.98	3.74	4.35	3.43	3.82	7.94	1.37	0.80	6.56	3.78	1.45	1.49	43.34
12 - 19	0.84	0.08	0.00	0.08	0.27	1.83	1.07	1.37	0.84	0.95	0.19	0.04	2.40	6.79	2.90	0.80	20.45
20 - 28	0.04	0.00	0.00	0.00	0.00	0.00	0.08	0.57	0.04	0.00	0.00	0.00	0.34	3.74	2.25	0.23	7.29
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.61	0.61	0.19	1.45
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.04	0.00	0.15
Totals	2.82	1.22	0.72	0.80	3.05	6.94	6.98	7.33	7.82	13.43	4.35	3.28	12.86	16.48	8.24	3.66	100.00

Total Number of Valid Hours 2621
 Total Number of Hours 8760



Wood Buffalo Environmental Association -Sawbones Bay (AMS505)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.65	0.67	0.97	0.71	1.37	1.32	1.28	1.68	3.02	1.47	1.18	0.65	0.61	0.59	0.65	0.46	17.29
6 - 11	2.54	2.23	0.61	0.36	1.45	2.54	3.13	6.07	8.82	5.29	2.29	1.87	1.24	3.59	2.29	1.20	45.52
12 - 19	1.64	0.65	0.06	0.00	0.13	0.69	0.90	2.94	2.33	1.41	3.38	3.17	4.94	6.39	1.37	1.18	31.17
20 - 28	0.06	0.29	0.08	0.00	0.00	0.00	0.02	0.36	0.17	0.00	0.25	0.25	1.74	1.81	0.57	0.32	5.92
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08
> 38	0.00	0.00	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	0.00	0.02
Totals	4.89	3.84	1.72	1.07	2.94	4.56	5.34	11.05	14.35	8.17	7.10	5.94	8.53	12.48	4.87	3.15	100.00

Total Number of Valid Hours 4761
Total Number of Hours 8760



Wood Buffalo Environmental Association -Jackfish 1(AMS506)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	2.78	1.49	1.68	1.06	1.15	1.10	2.00	3.95	11.46	7.54	5.17	2.64	3.23	3.64	3.76	2.64	55.30
6 - 11	3.34	1.70	0.77	0.49	0.66	1.53	3.85	5.08	6.99	2.72	2.06	0.34	0.21	1.08	2.76	5.02	38.60
12 - 19	0.21	0.34	0.04	0.04	0.13	0.55	1.44	0.76	0.09	0.00	0.00	0.00	0.00	0.02	0.77	1.62	6.01
20 - 28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	6.33	3.53	2.49	1.59	1.95	3.17	7.29	9.78	18.55	10.25	7.23	2.98	3.44	4.74	7.29	9.39	100.00

Total Number of Valid Hours 5295
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Kirby South (AMS507)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.31	0.60	0.48	0.71	0.67	0.45	0.36	0.31	0.40	0.38	0.36	1.19	0.62	0.50	0.36	0.48	8.17
6 - 11	1.05	1.69	1.76	0.67	0.98	1.38	1.43	1.69	2.12	3.62	8.02	4.52	3.69	5.02	3.57	1.52	42.74
12 - 19	0.55	0.76	0.69	0.29	0.14	0.55	1.48	2.31	4.36	5.36	5.93	4.81	6.00	5.48	2.79	1.33	42.81
20 - 28	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.67	0.52	0.26	0.43	1.02	1.38	1.31	0.33	6.21
29 - 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.00	0.07
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	1.98	3.05	2.93	1.67	1.79	2.38	3.26	4.52	7.55	9.88	14.57	10.95	11.33	12.40	8.07	3.67	100.00

Total Number of Valid Hours 4200
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Kirby North (AMS508)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.52	1.32	1.12	0.91	0.62	0.64	0.84	1.12	2.42	2.03	0.59	0.46	0.27	0.39	0.71	0.73	14.68
6 - 11	1.76	2.26	3.21	2.07	1.53	1.94	2.28	4.92	9.30	7.75	3.85	1.16	0.82	1.09	2.37	2.35	48.67
12 - 19	1.41	1.00	1.96	0.80	0.46	1.64	2.30	3.03	4.70	3.03	2.83	2.39	0.64	1.87	1.57	1.98	31.62
20 - 28	0.30	0.25	0.50	0.30	0.16	0.25	0.11	0.14	0.21	0.16	0.21	0.52	0.27	0.43	0.43	0.59	4.83
29 - 38	0.00	0.02	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.00	0.02	0.21
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	3.99	4.86	6.86	4.10	2.76	4.47	5.54	9.21	16.62	12.97	7.48	4.56	2.05	3.78	5.11	5.65	100.00

Total Number of Valid Hours 4387
 Total Number of Hours 8760



Wood Buffalo Environmental Association - Kirby North (AMS511)
Annual Summary for the Year 2023
Wind Speed (km/h) Average

Wind Speed (km/h)	Wind Direction																Totals
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
0 - 5	0.72	0.63	1.71	1.12	0.85	0.67	0.76	1.71	1.39	1.48	2.43	3.10	3.24	1.98	0.94	0.67	23.43
6 - 11	0.72	1.21	0.67	0.94	0.90	0.72	1.03	2.74	4.99	8.50	10.03	4.99	7.28	8.00	1.93	1.21	55.89
12 - 19	0.13	0.00	0.00	0.09	0.00	0.22	0.76	1.57	2.25	3.15	2.56	1.08	0.13	4.45	2.34	0.40	19.15
20 - 28	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.36	0.04	0.04	0.00	0.00	0.04	0.58	0.31	0.00	1.48
29 - 38	0.00	0.00	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	0.00	0.04
> 38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	1.57	1.84	2.38	2.16	1.75	1.62	2.65	6.38	8.68	13.17	15.02	9.17	10.70	15.06	5.53	2.29	100.00

Total Number of Valid Hours 2224
 Total Number of Hours 8760



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY MONITORING PROGRAM ANNUAL REPORT

WIND ROSES ANNUAL 2023

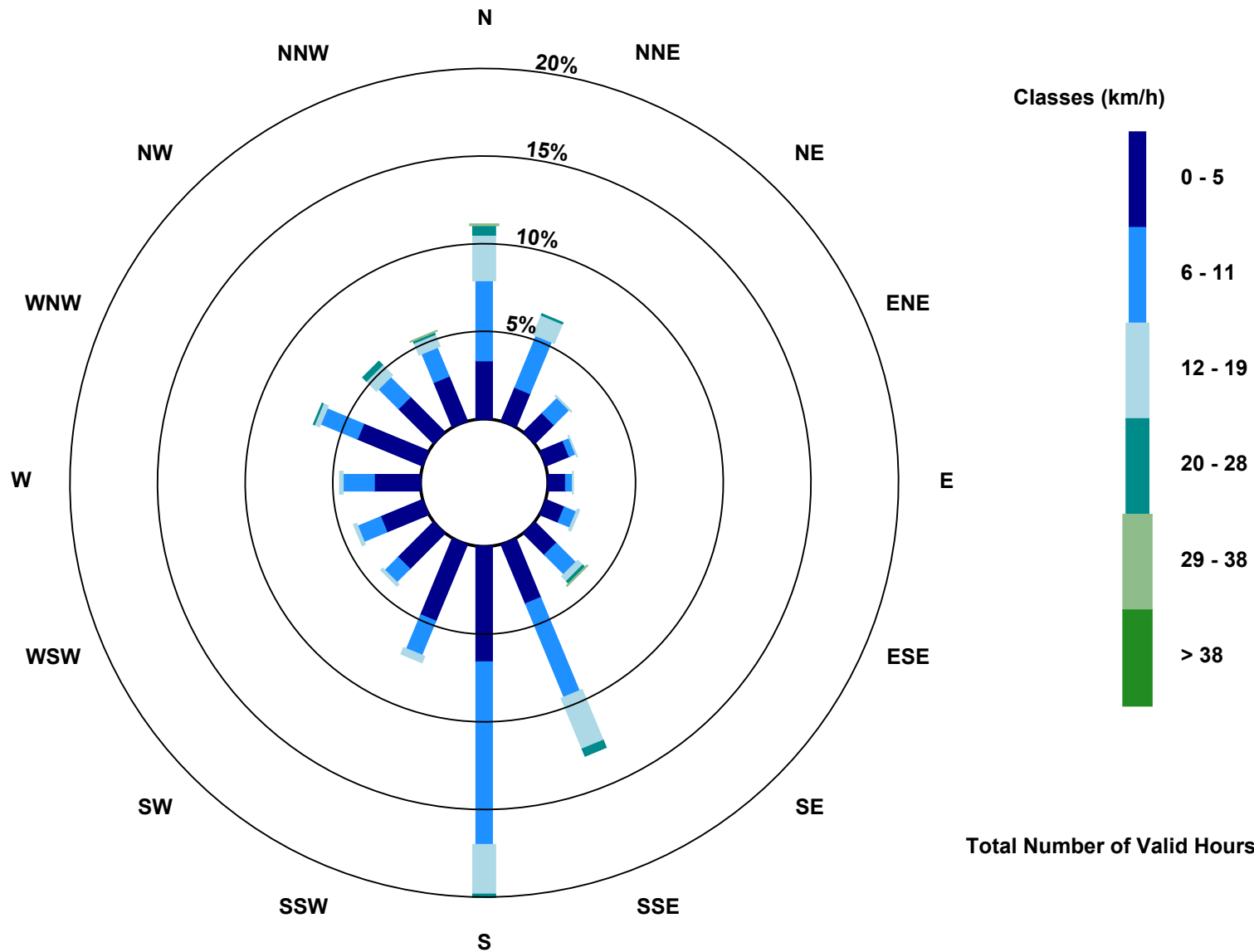
Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Fort McKay - Bertha Ganter

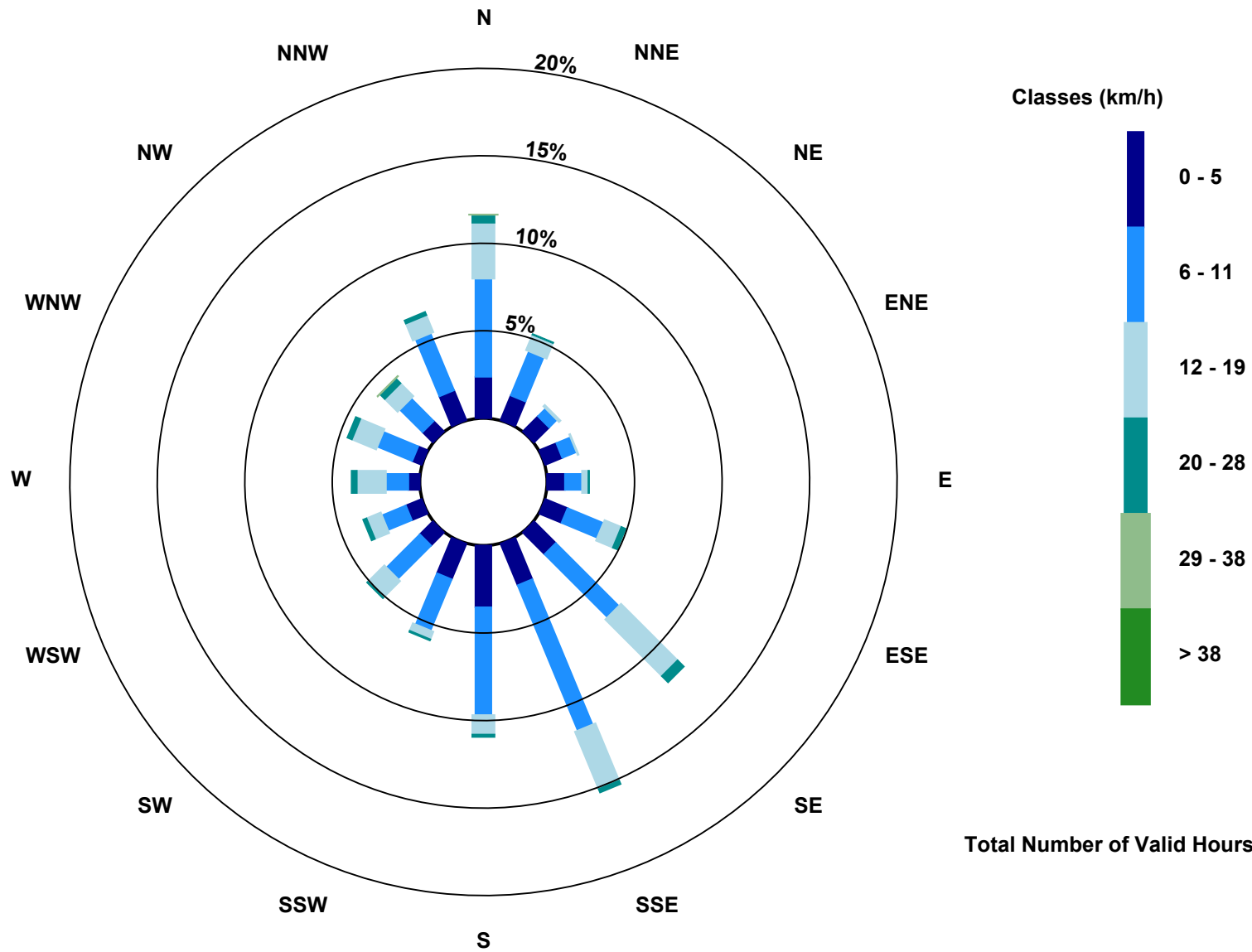


Total Number of Valid Hours: 8718



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Mildred Lake

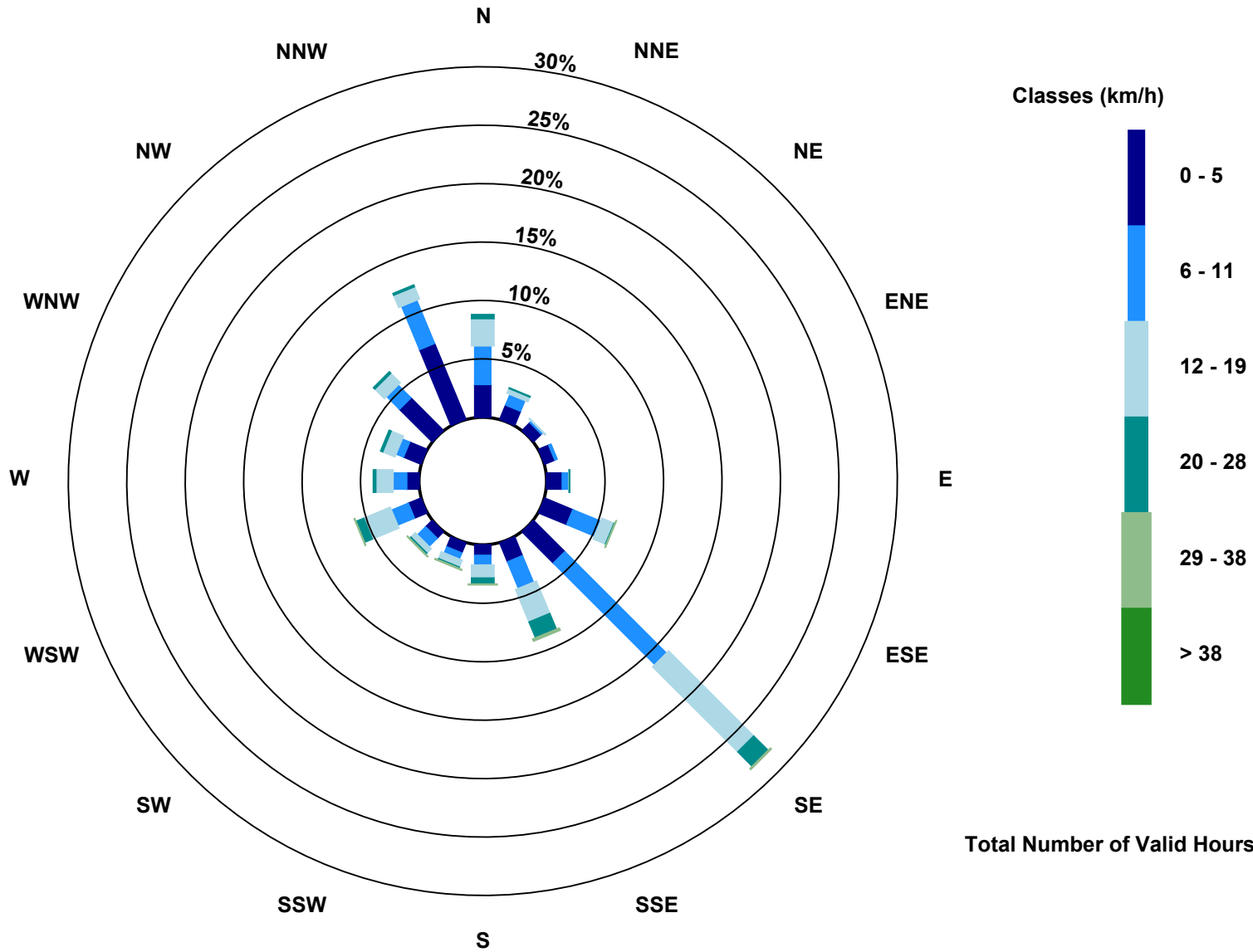


Total Number of Valid Hours: 8725



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 20 m (WS20m) - km/h
Lower Camp Met Tower

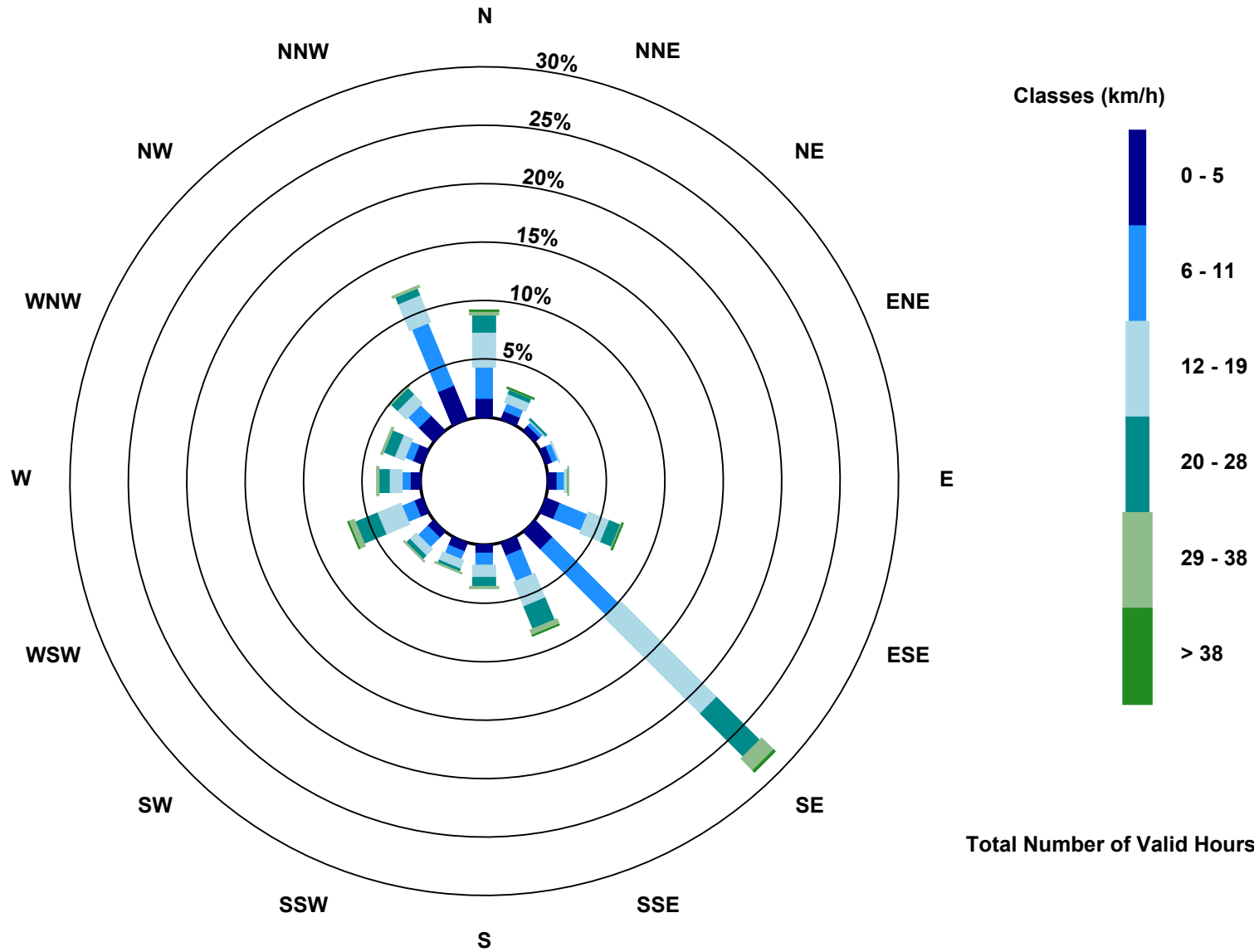


Total Number of Valid Hours: 8658



Wood Buffalo Environmental Association
Wind Rose 2023

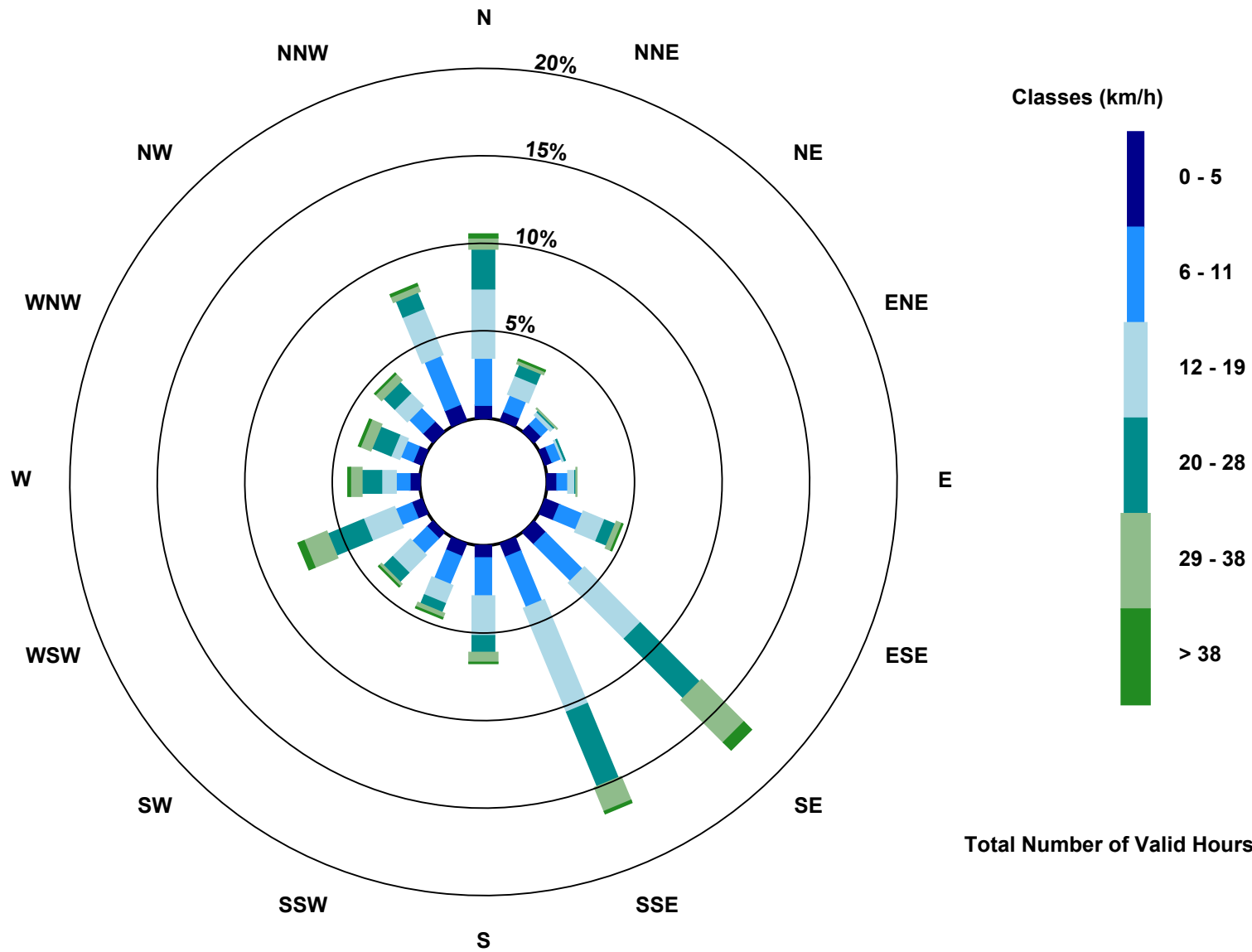
Wind Speed 45 m (WS45m) - km/h
Lower Camp Met Tower





Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 100 m (WS100m) - km/h
Lower Camp Met Tower

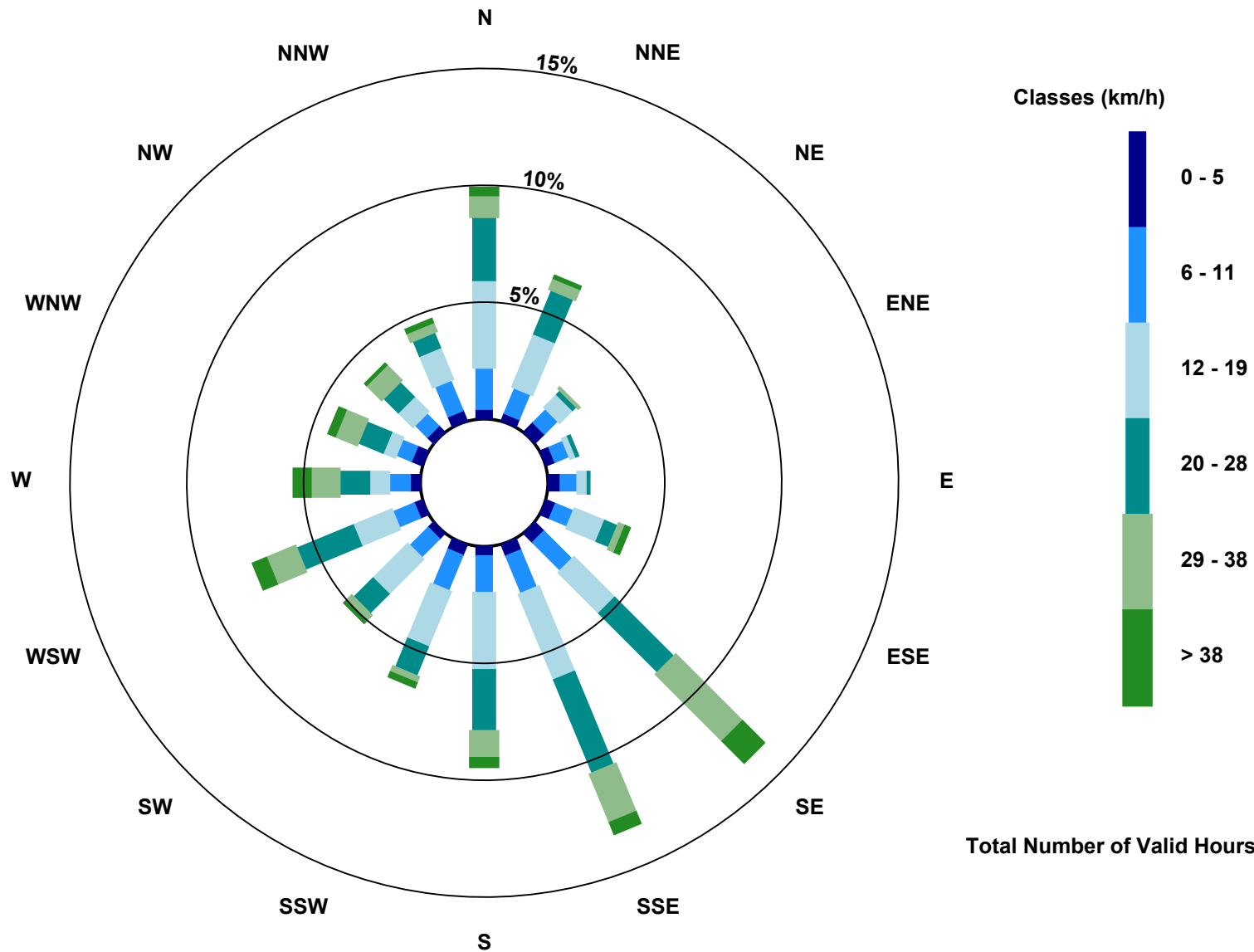


Total Number of Valid Hours: 8606



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 163 m (WS163m) - km/h
Lower Camp Met Tower

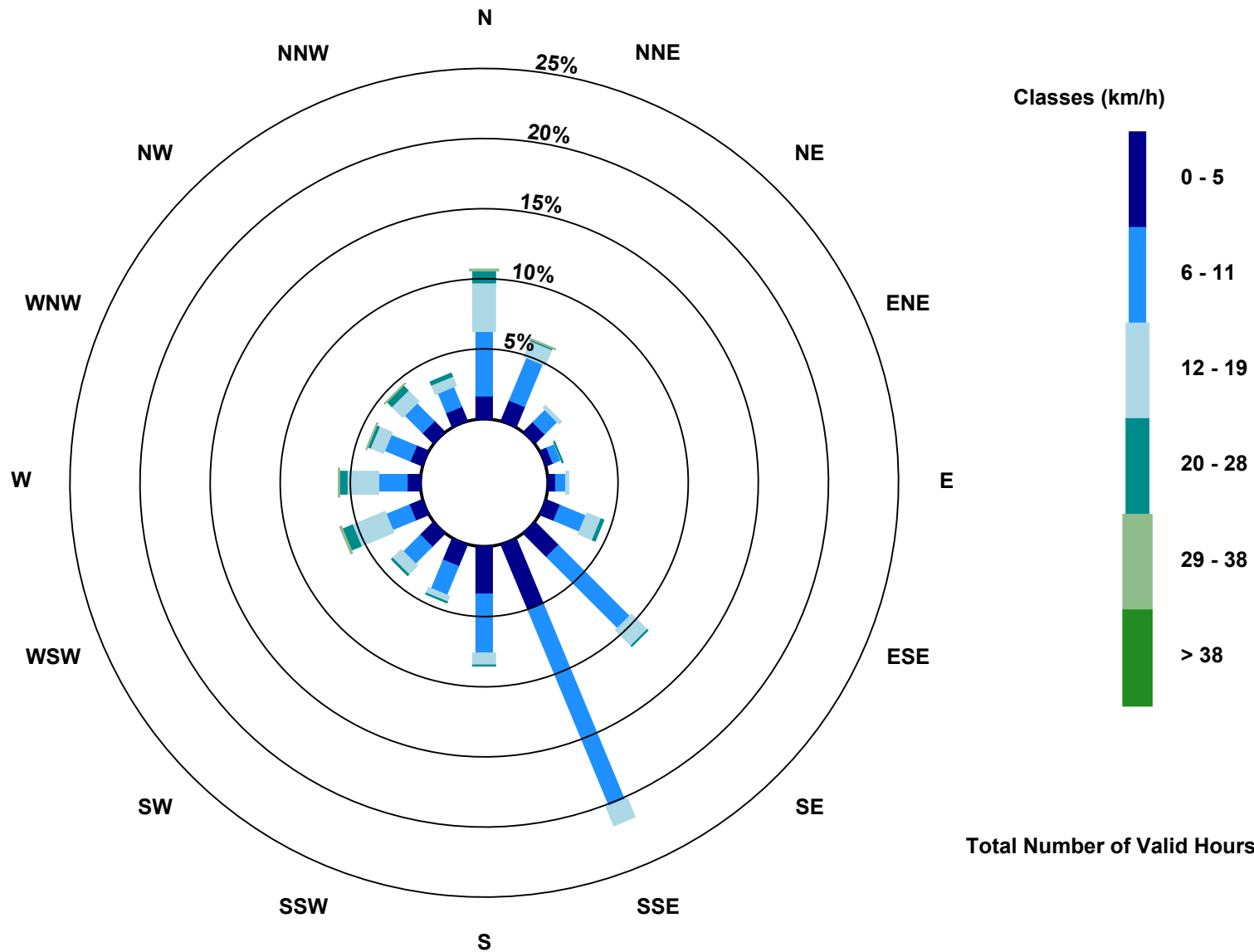


Total Number of Valid Hours: 8511



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Buffalo Viewpoint

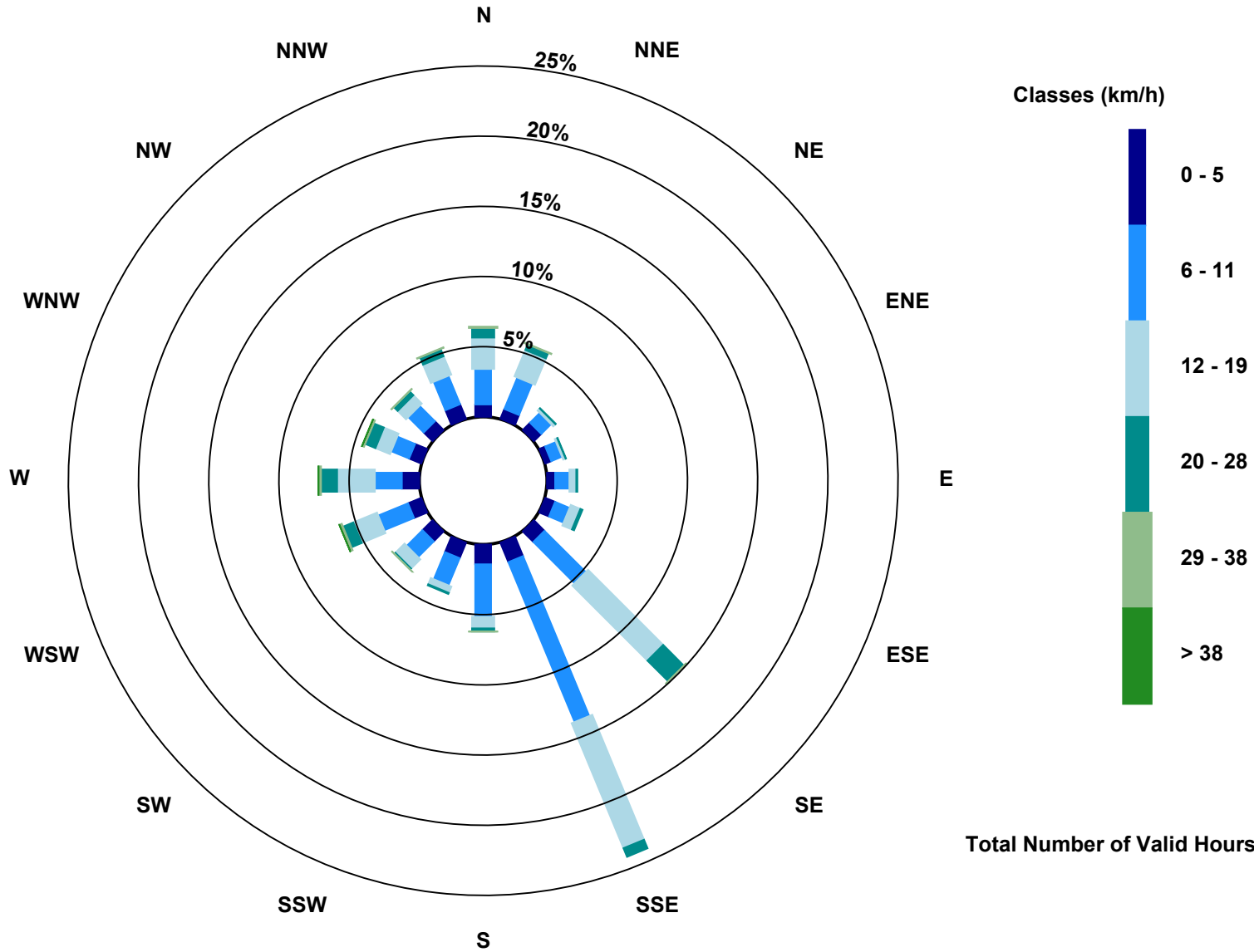


Total Number of Valid Hours: 8673



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 20 m (WS20m) - km/h
Mannix

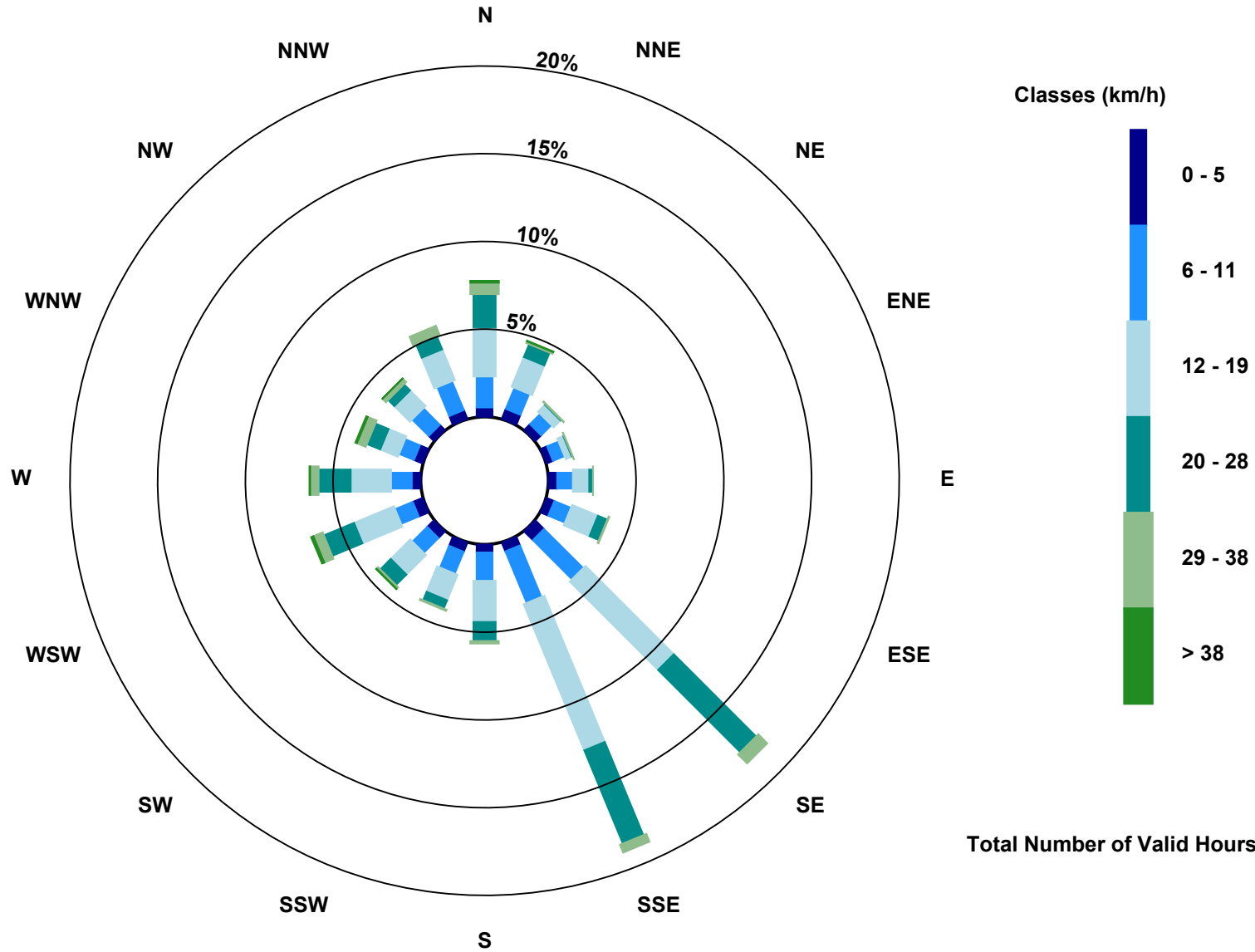


Total Number of Valid Hours: 8677



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 45 m (WS45m) - km/h
Mannix

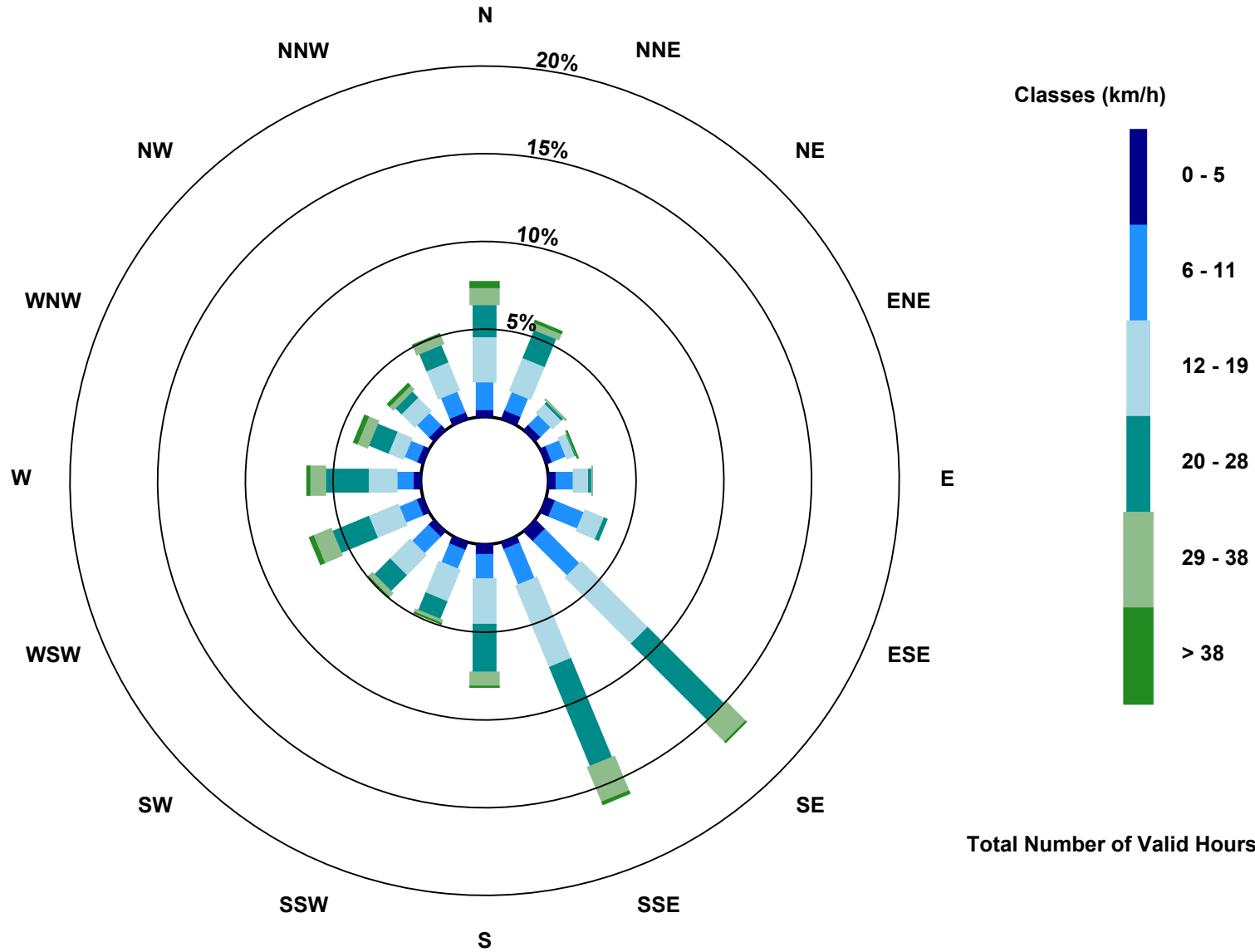


Total Number of Valid Hours: 8608



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 75 m (WS75m) - km/h
Mannix

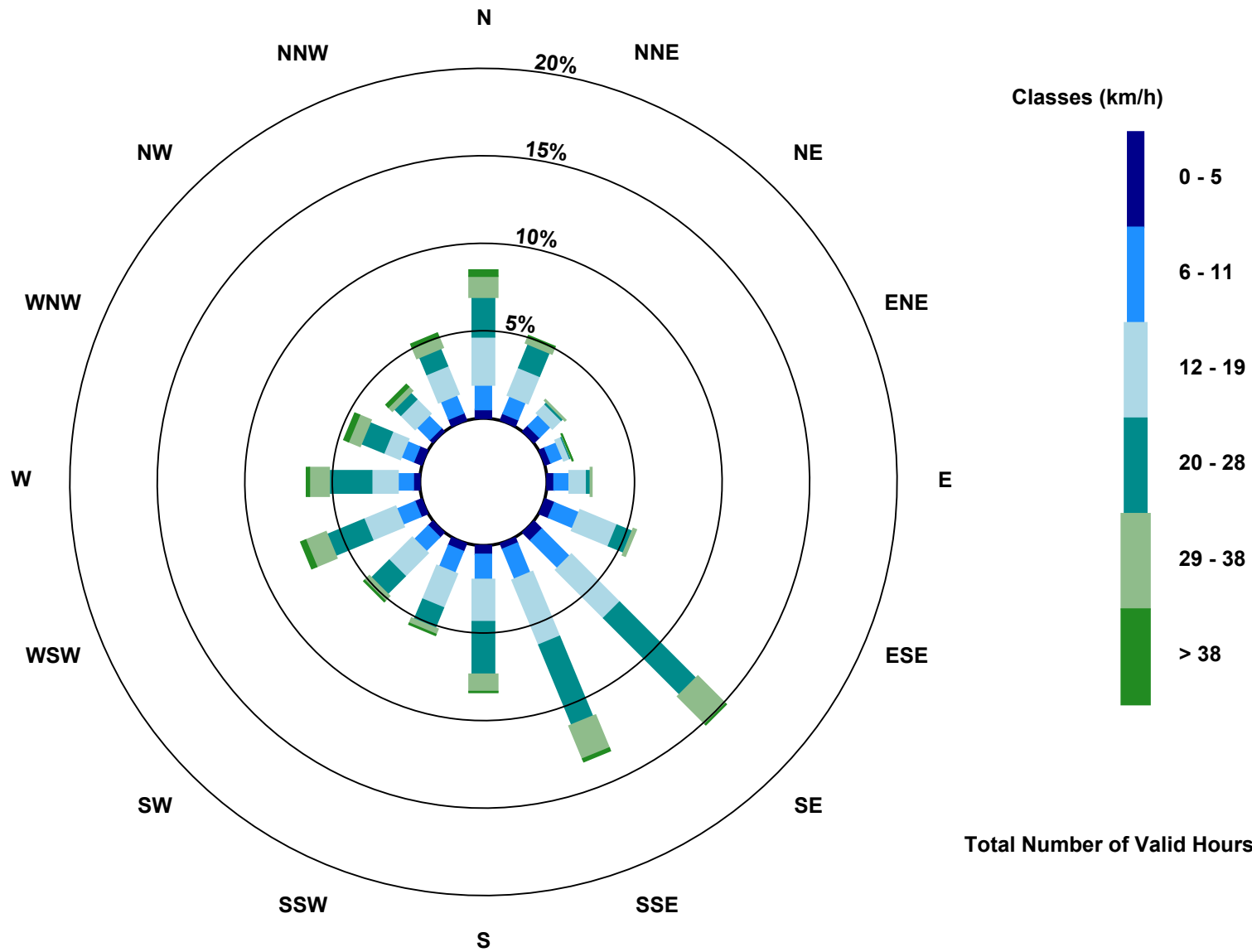


Total Number of Valid Hours: 8594



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 90 m (WS90m) - km/h
Mannix

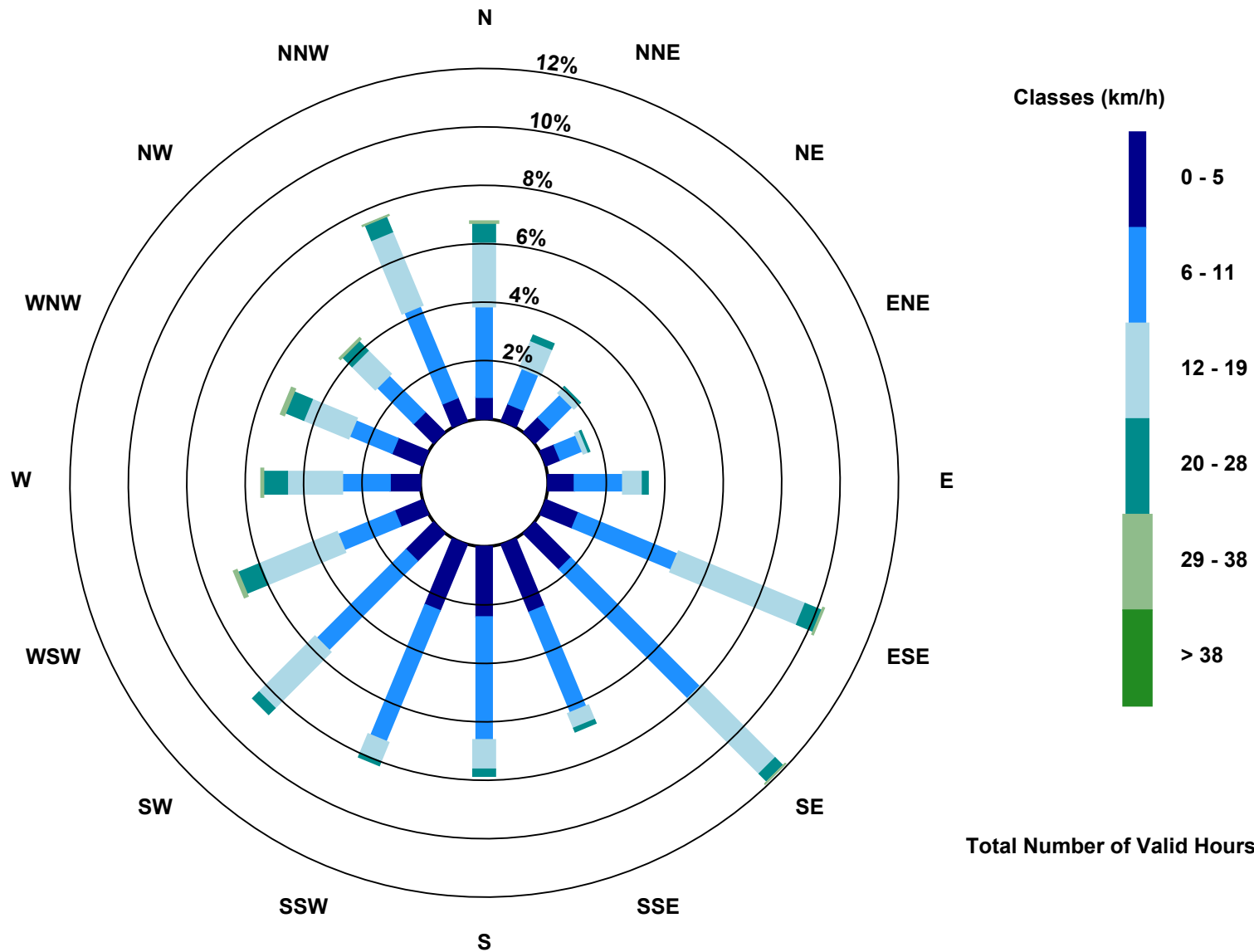


Total Number of Valid Hours: 8570



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Patricia McInnes

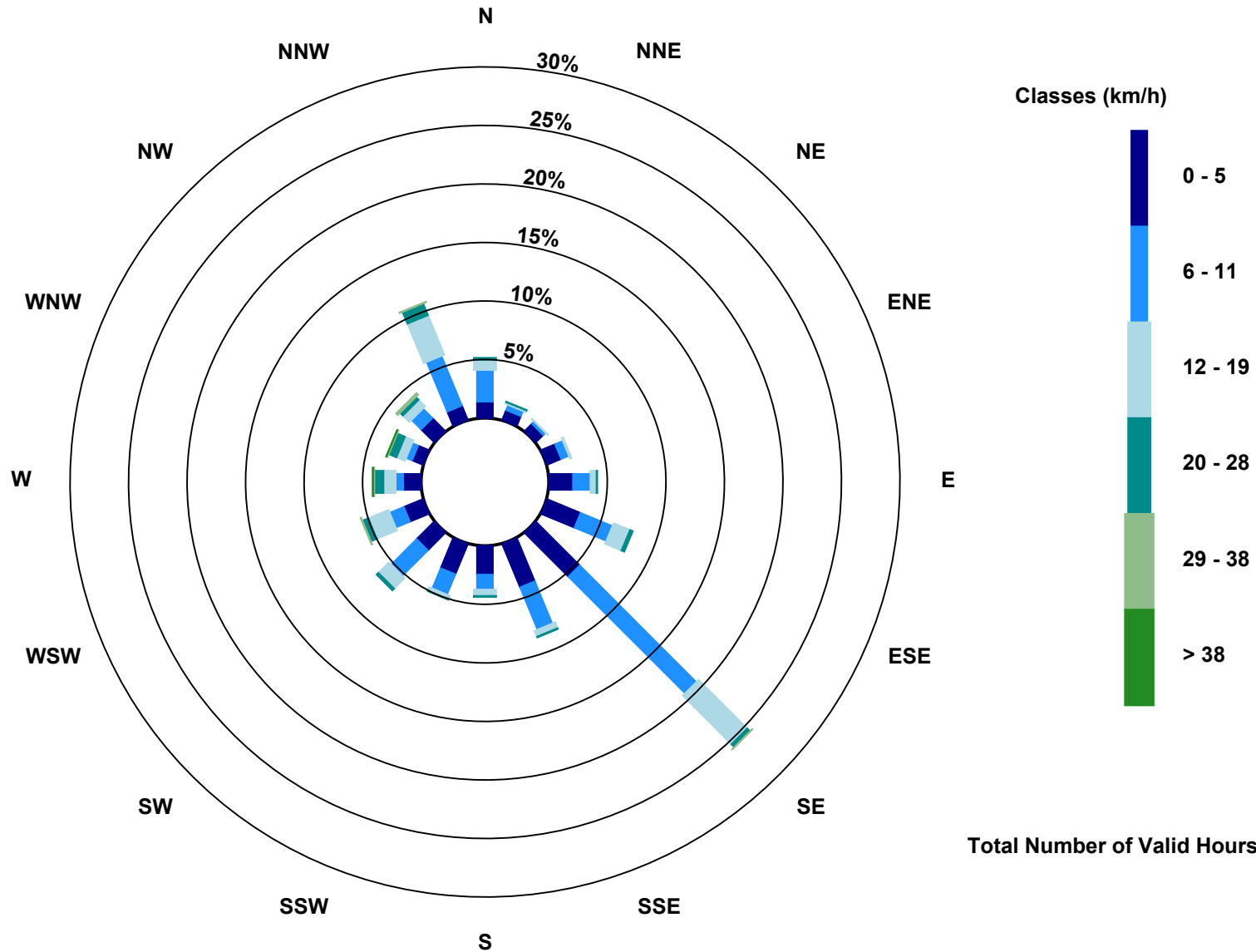


Total Number of Valid Hours: 8706



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Athabasca Valley

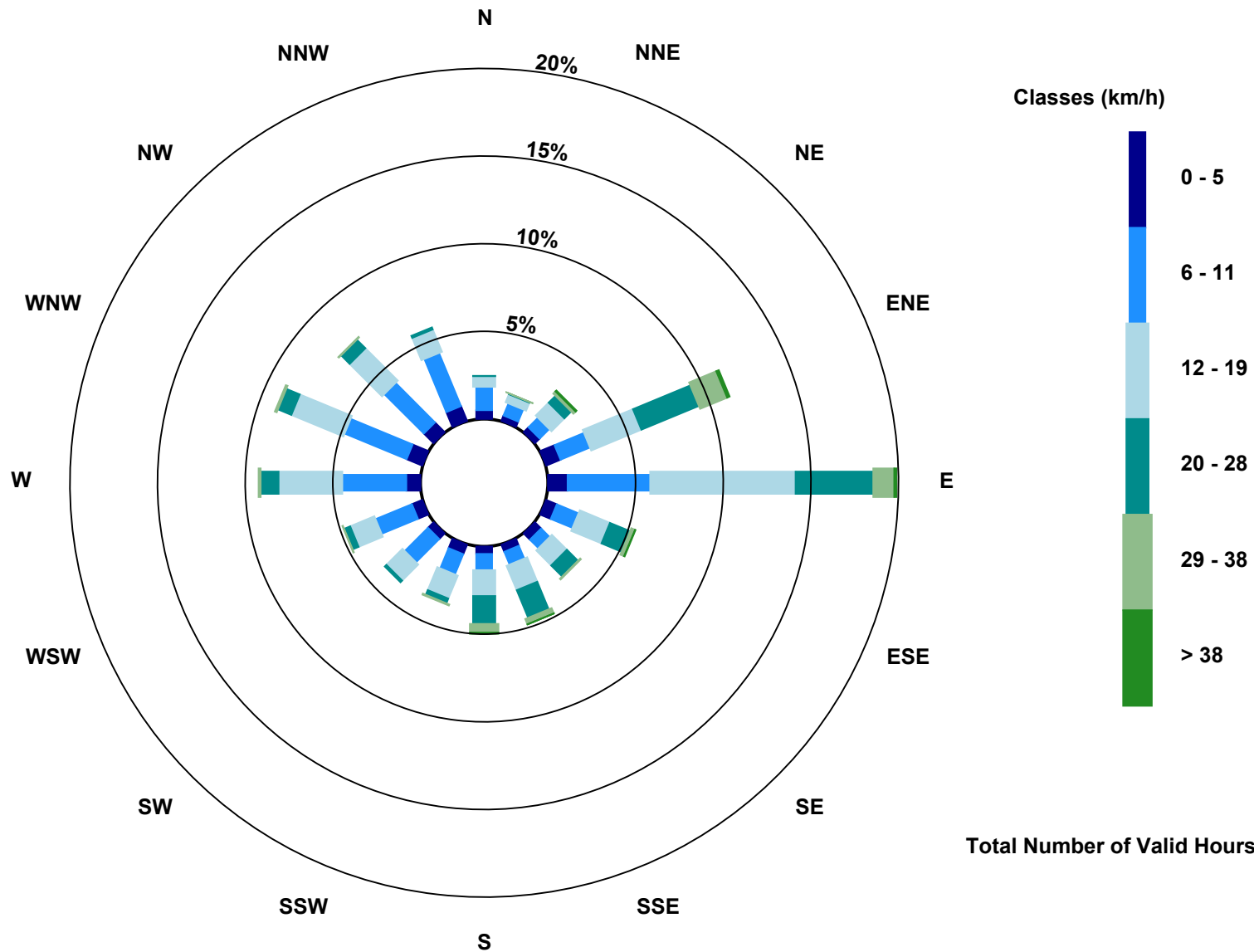


Total Number of Valid Hours: 8717



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Fort Chipewyan

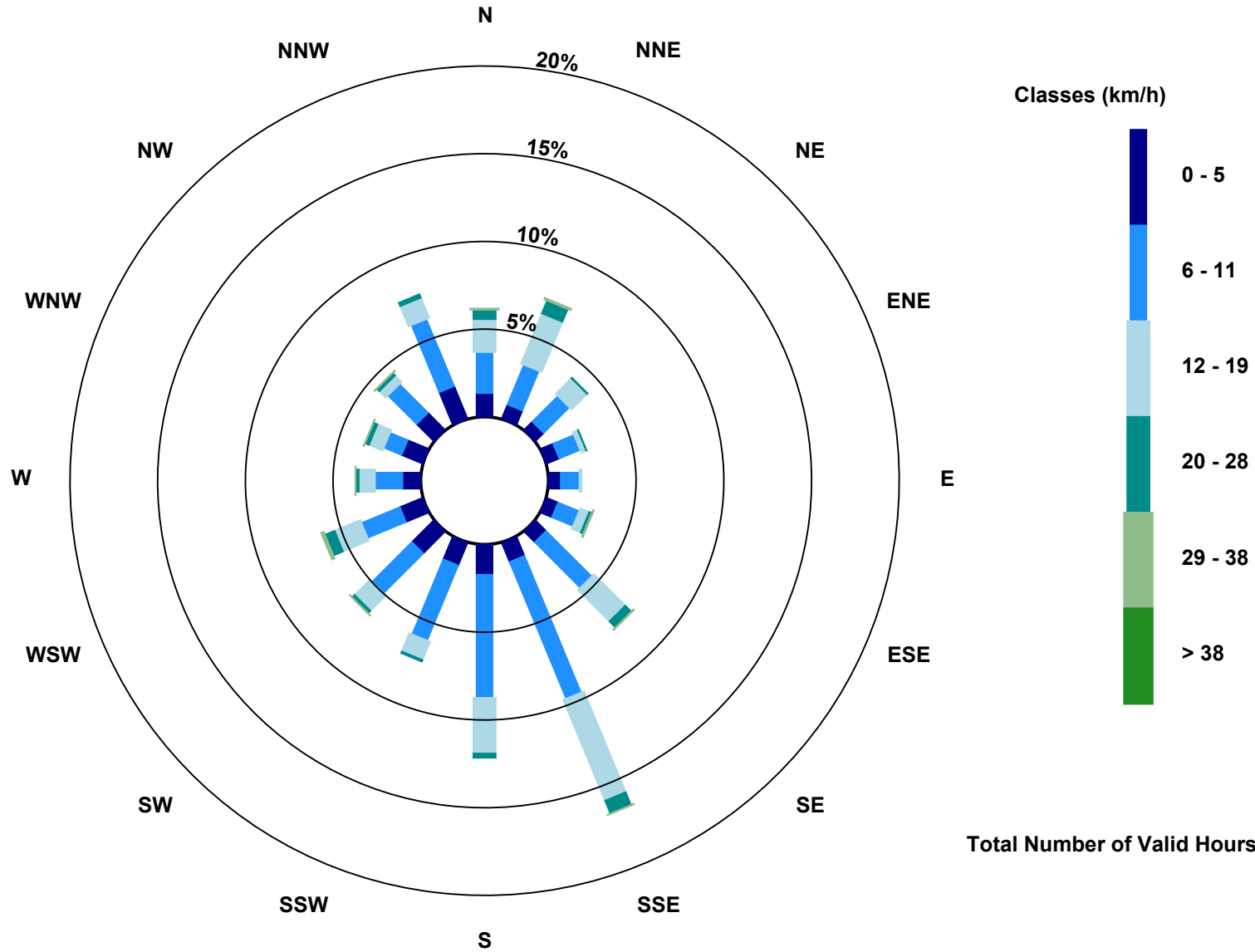


Total Number of Valid Hours: 8564



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 20 m (WS20m) - km/h
Barge Landing

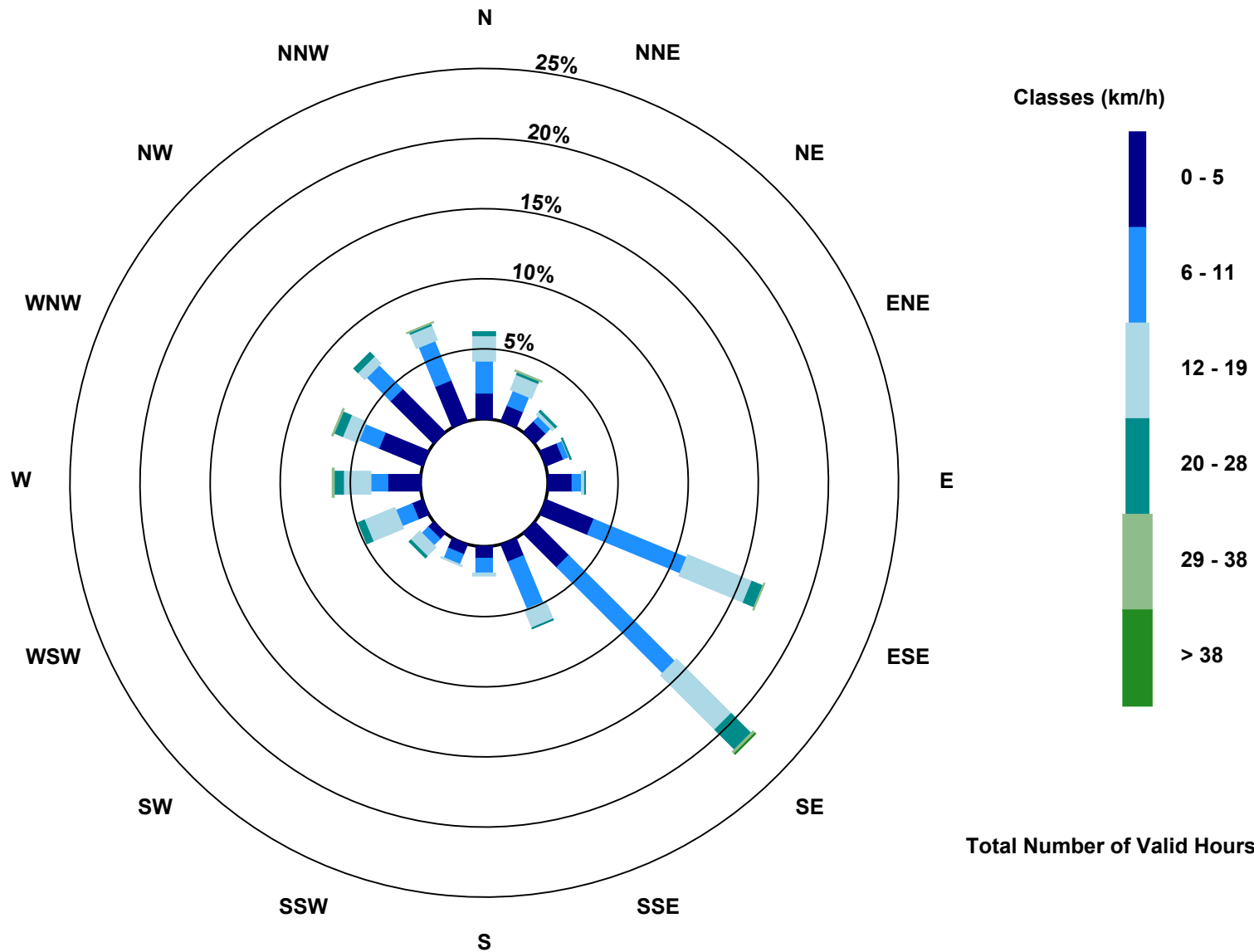


Total Number of Valid Hours: 8745



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Lower Camp

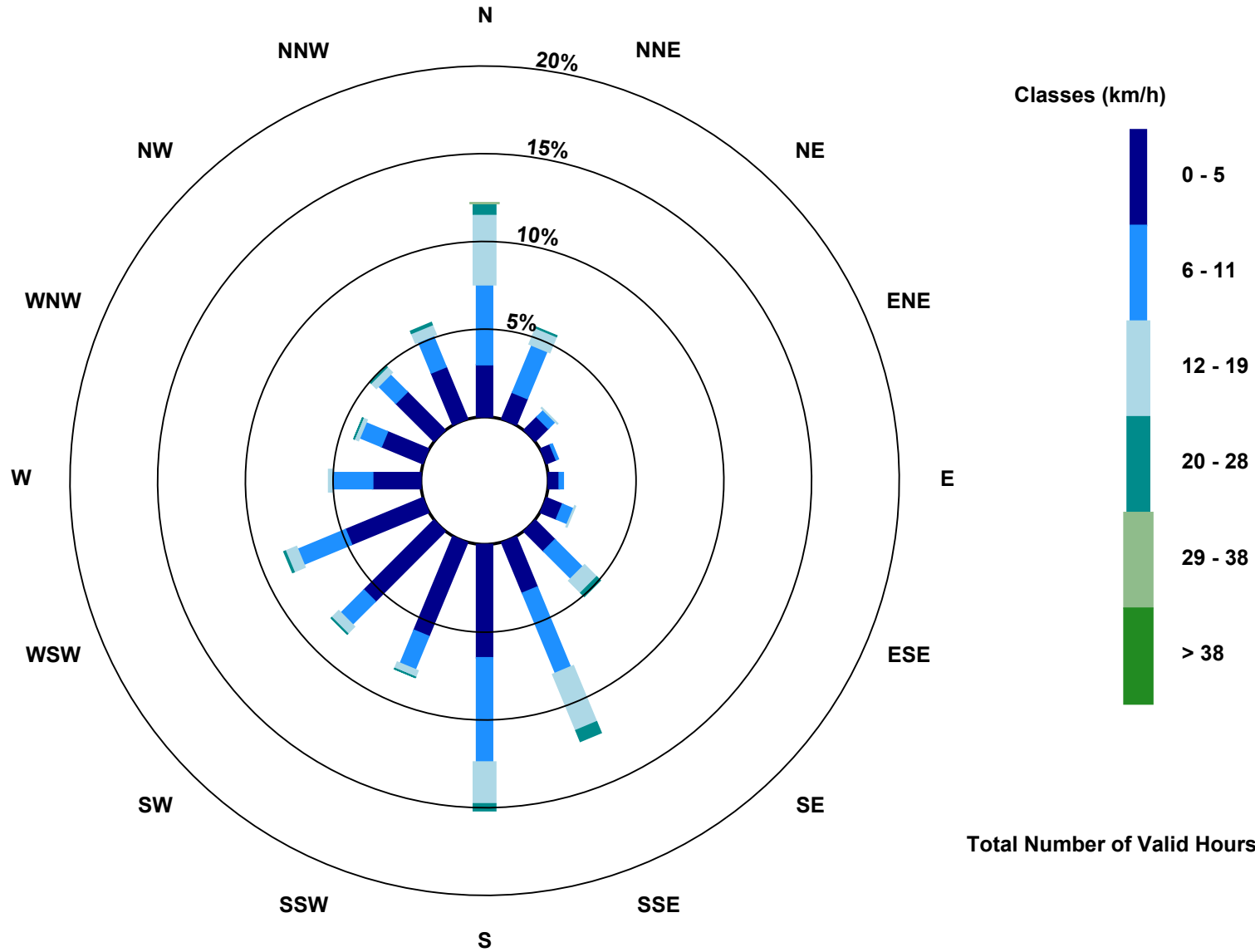


Total Number of Valid Hours: 8124



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Fort McKay South

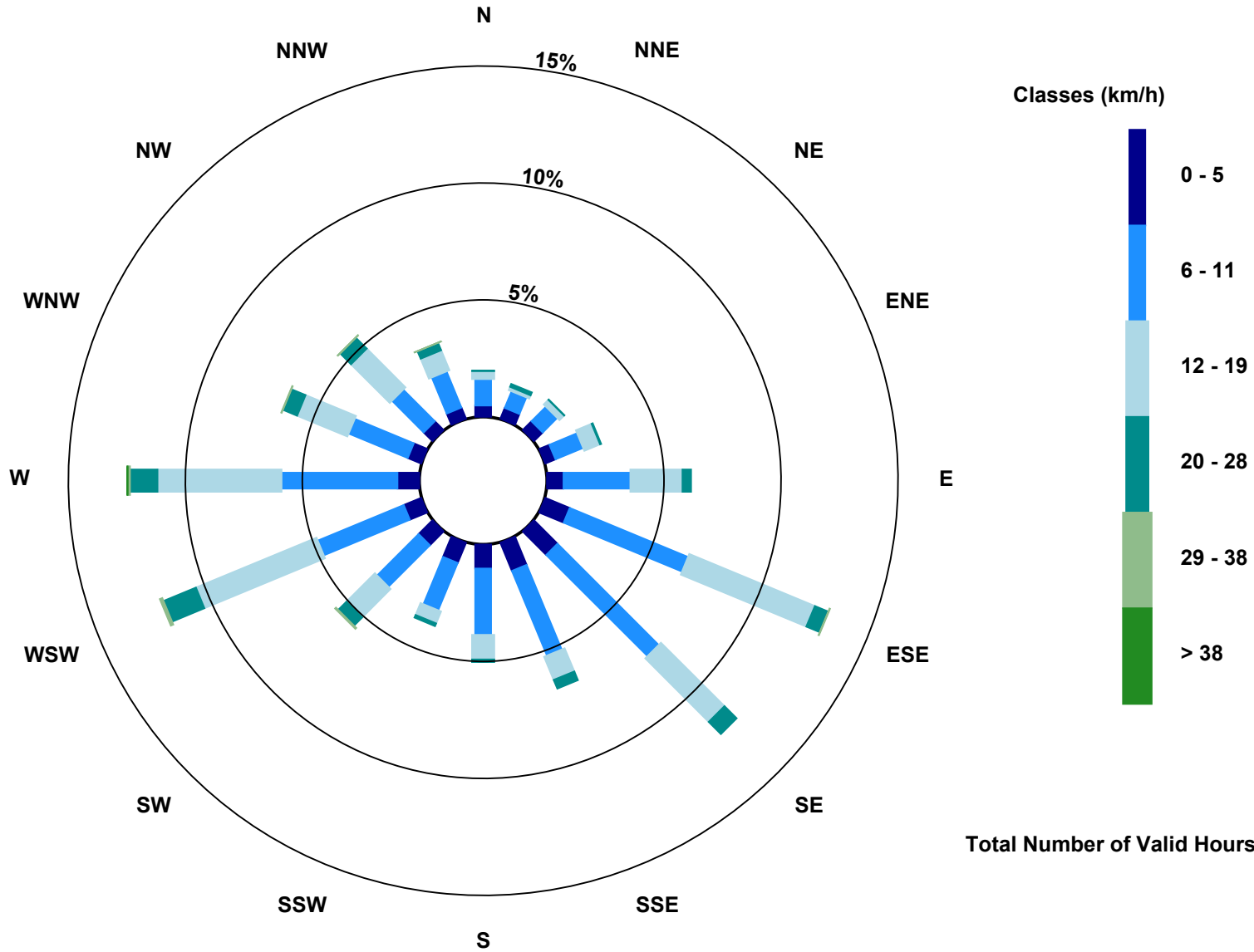


Total Number of Valid Hours: 8733



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Anzac

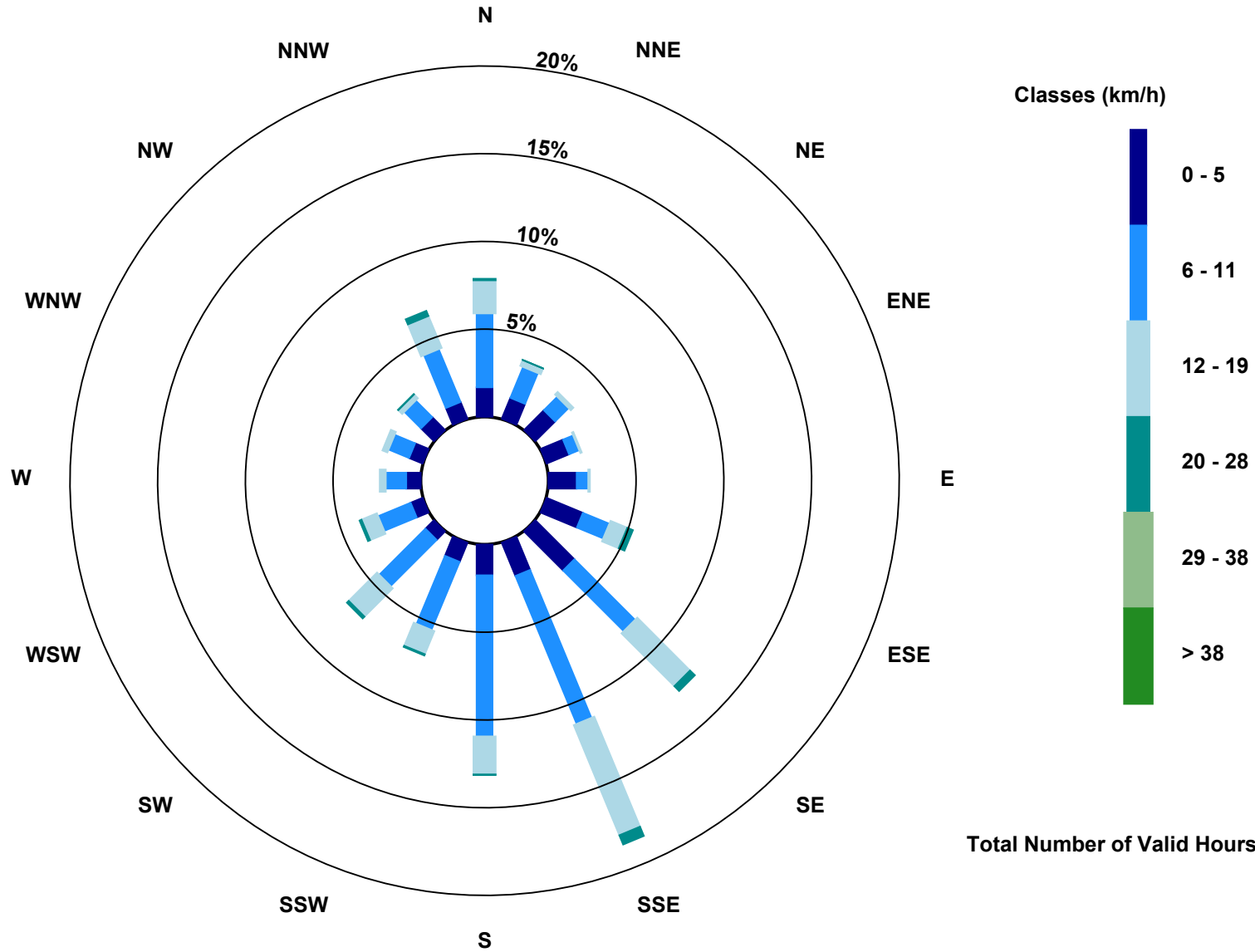


Total Number of Valid Hours: 8676



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Wapasu

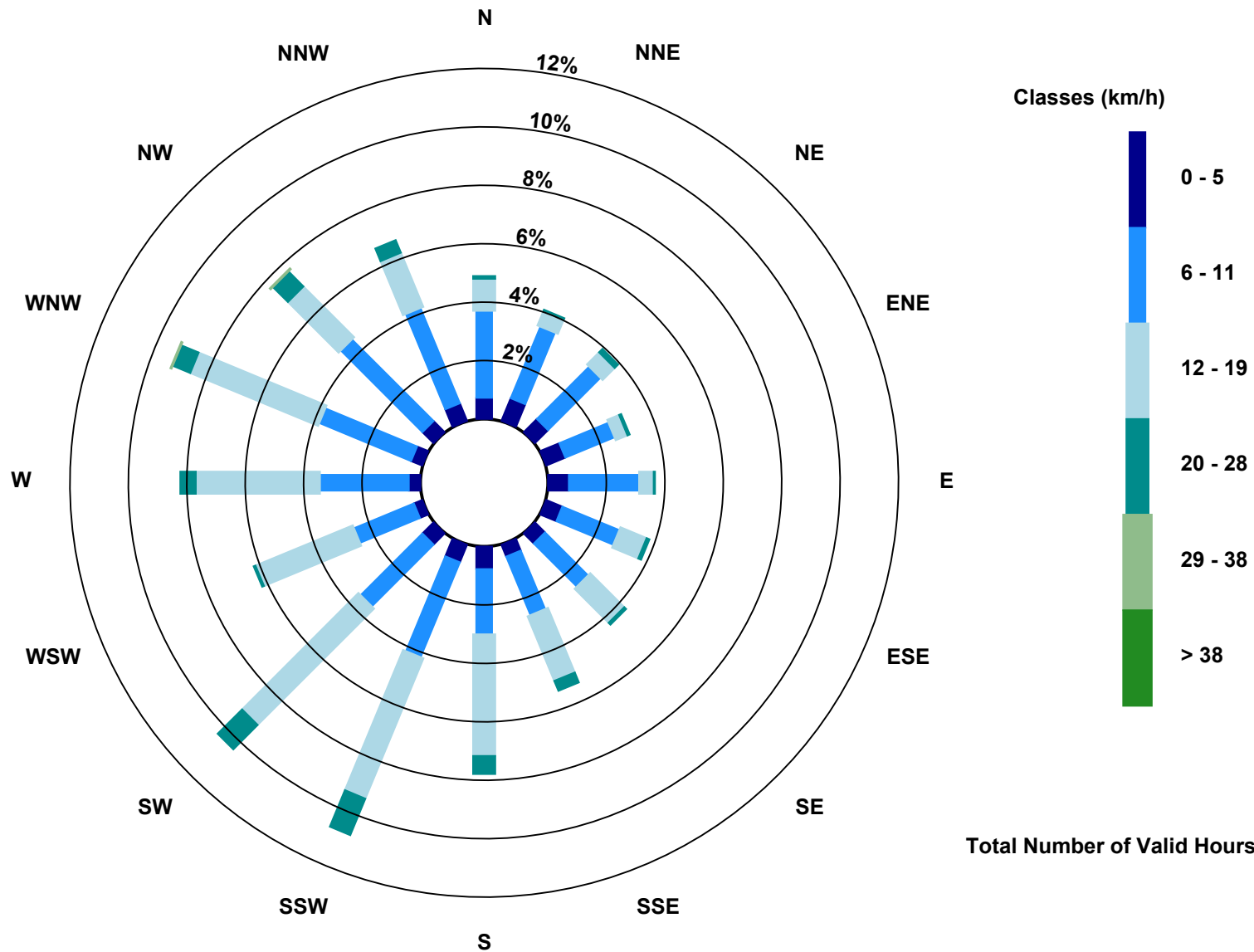


Total Number of Valid Hours: 8714



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 20 m (WS20m) - km/h
Stony Mountain

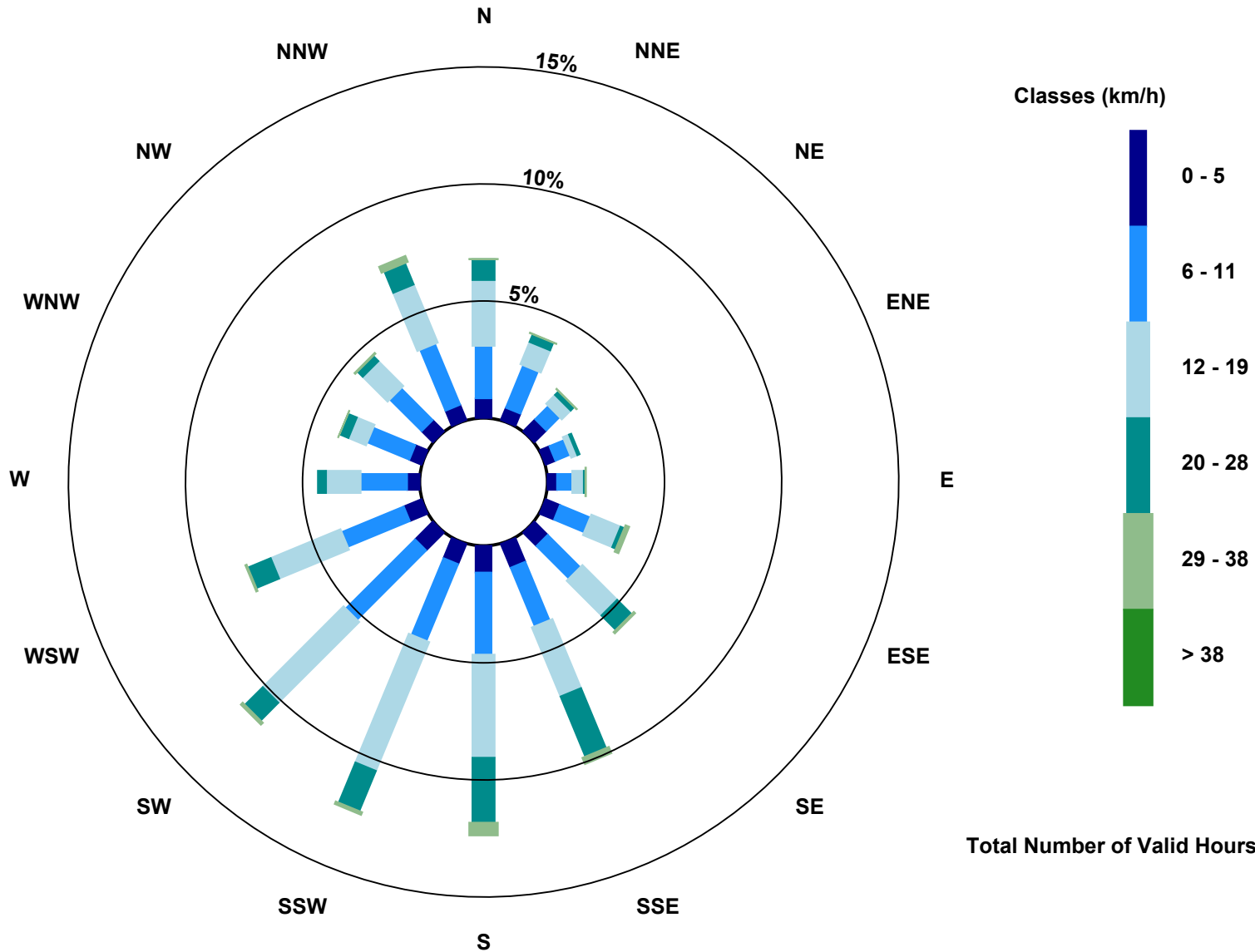


Total Number of Valid Hours: 8023



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Firebag

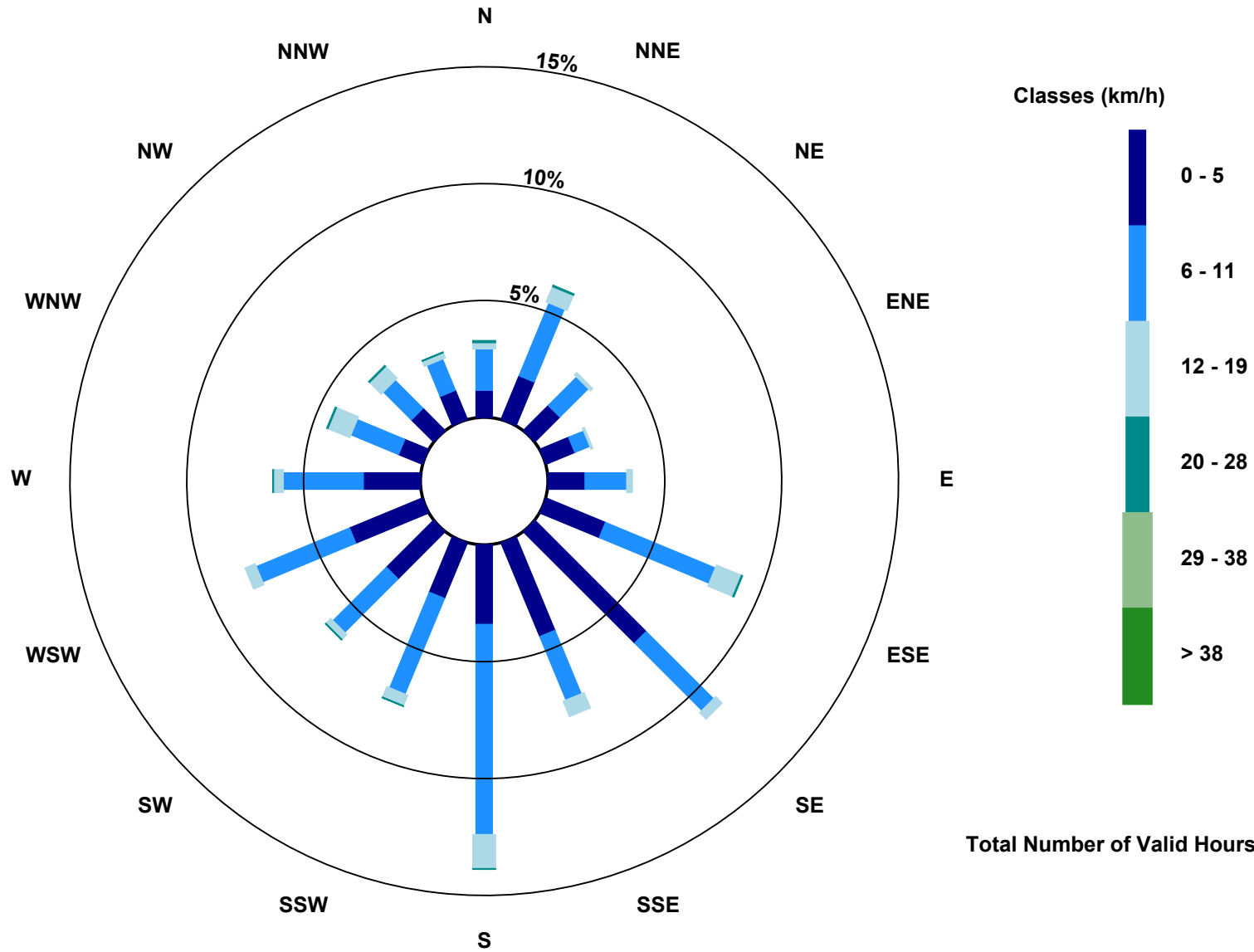


Total Number of Valid Hours: 7105



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Mackay River

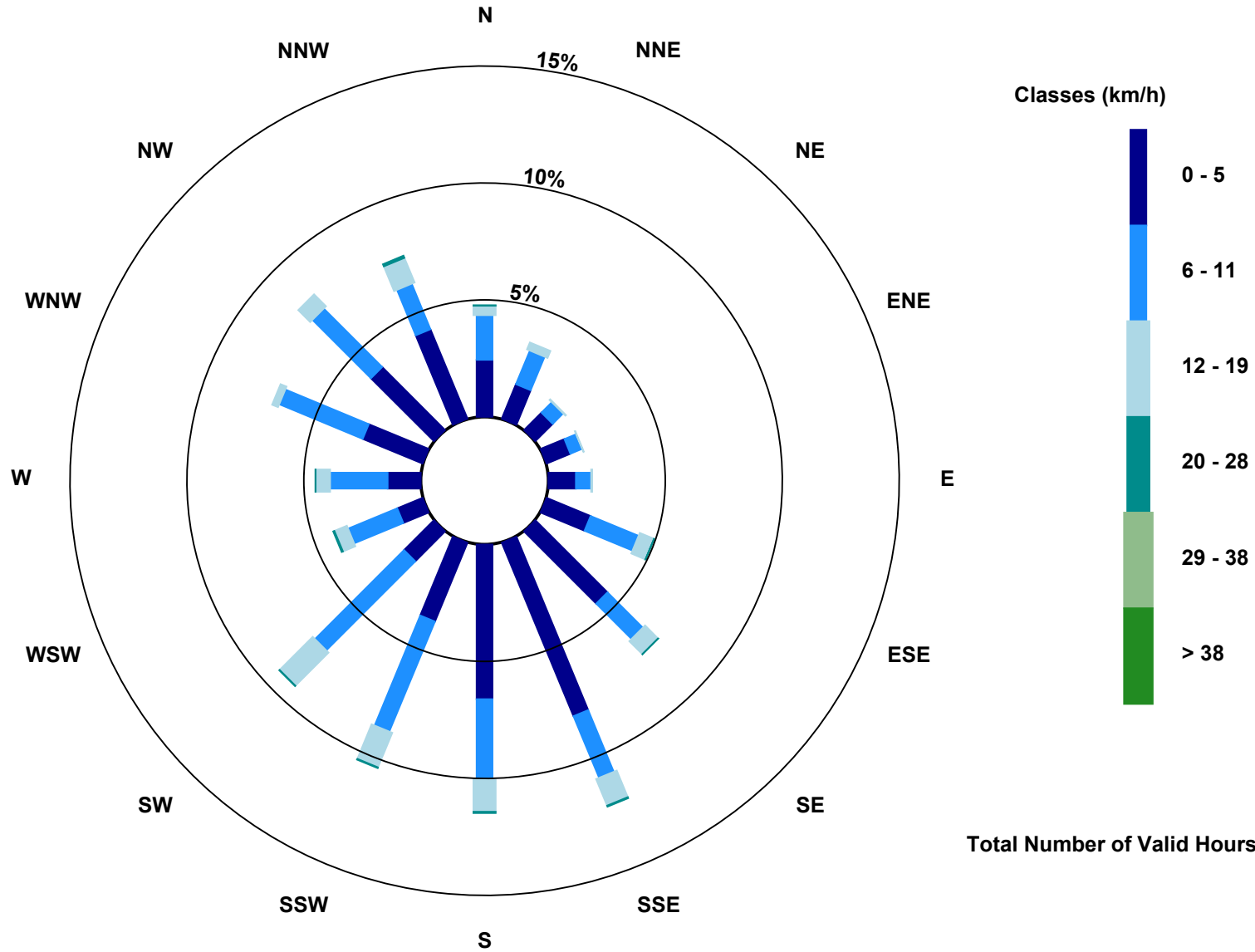


Total Number of Valid Hours: 8672



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Conklin

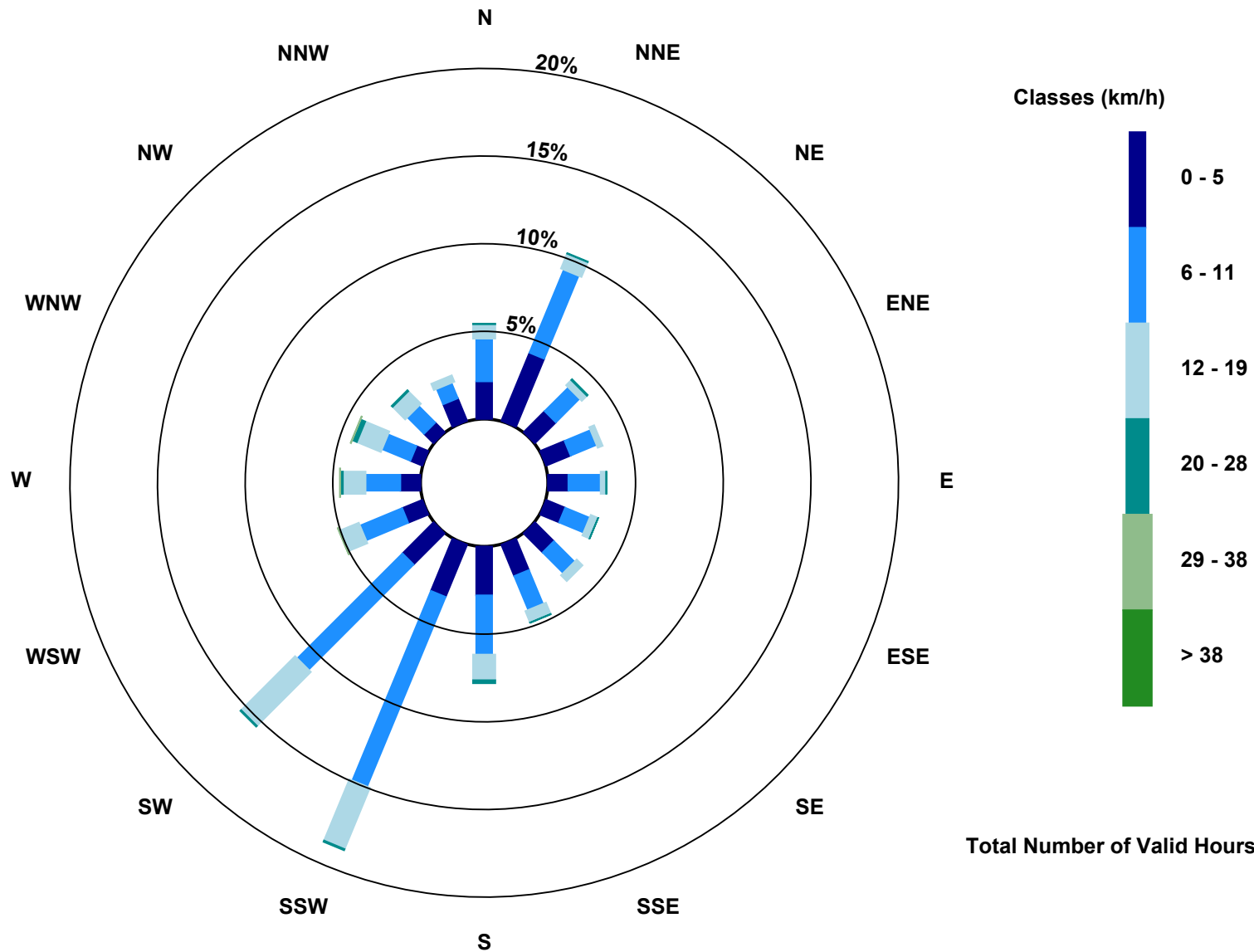


Total Number of Valid Hours: 8694



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed 20 m (WS20m) - km/h
Janvier

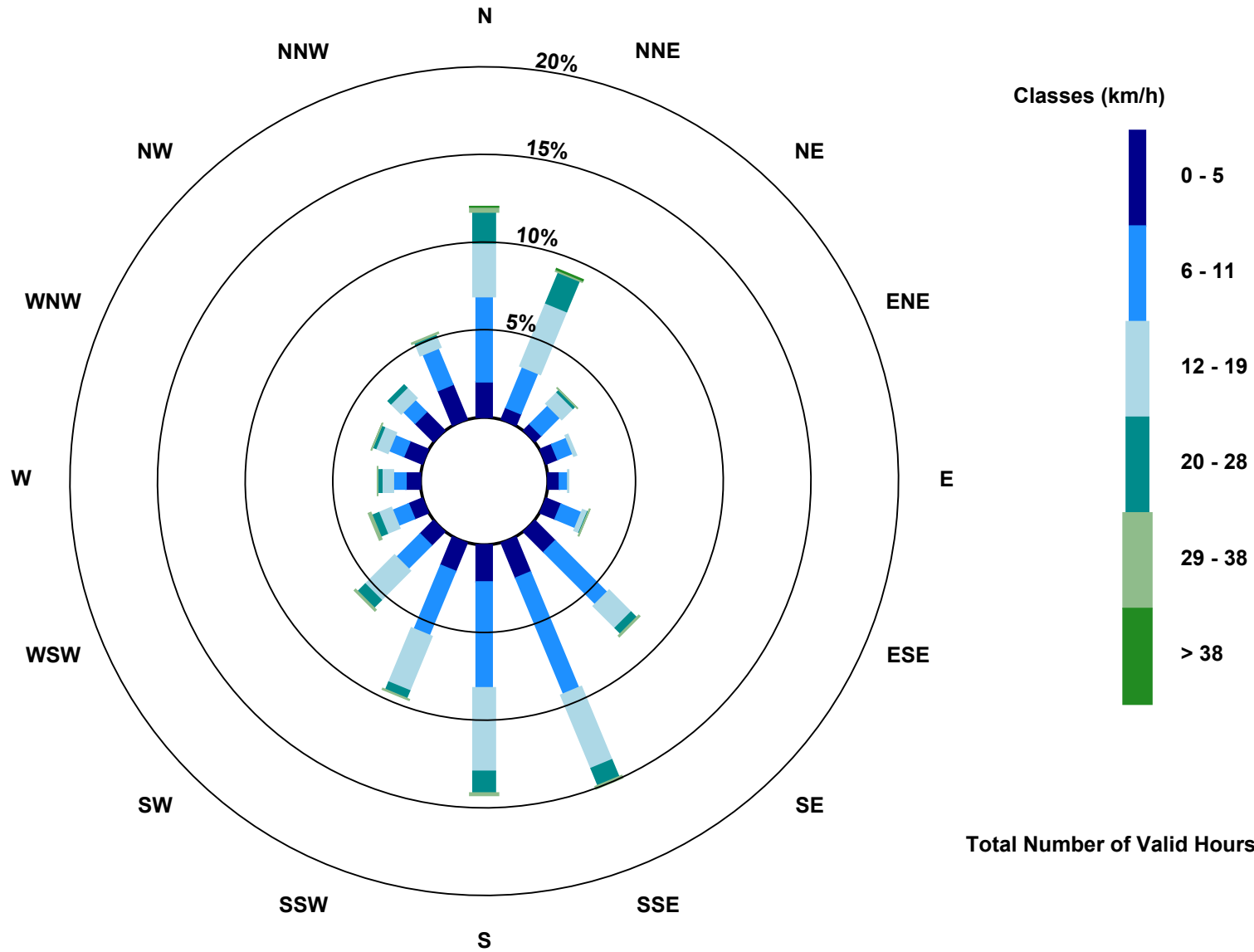


Total Number of Valid Hours: 8693



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Fort Hills

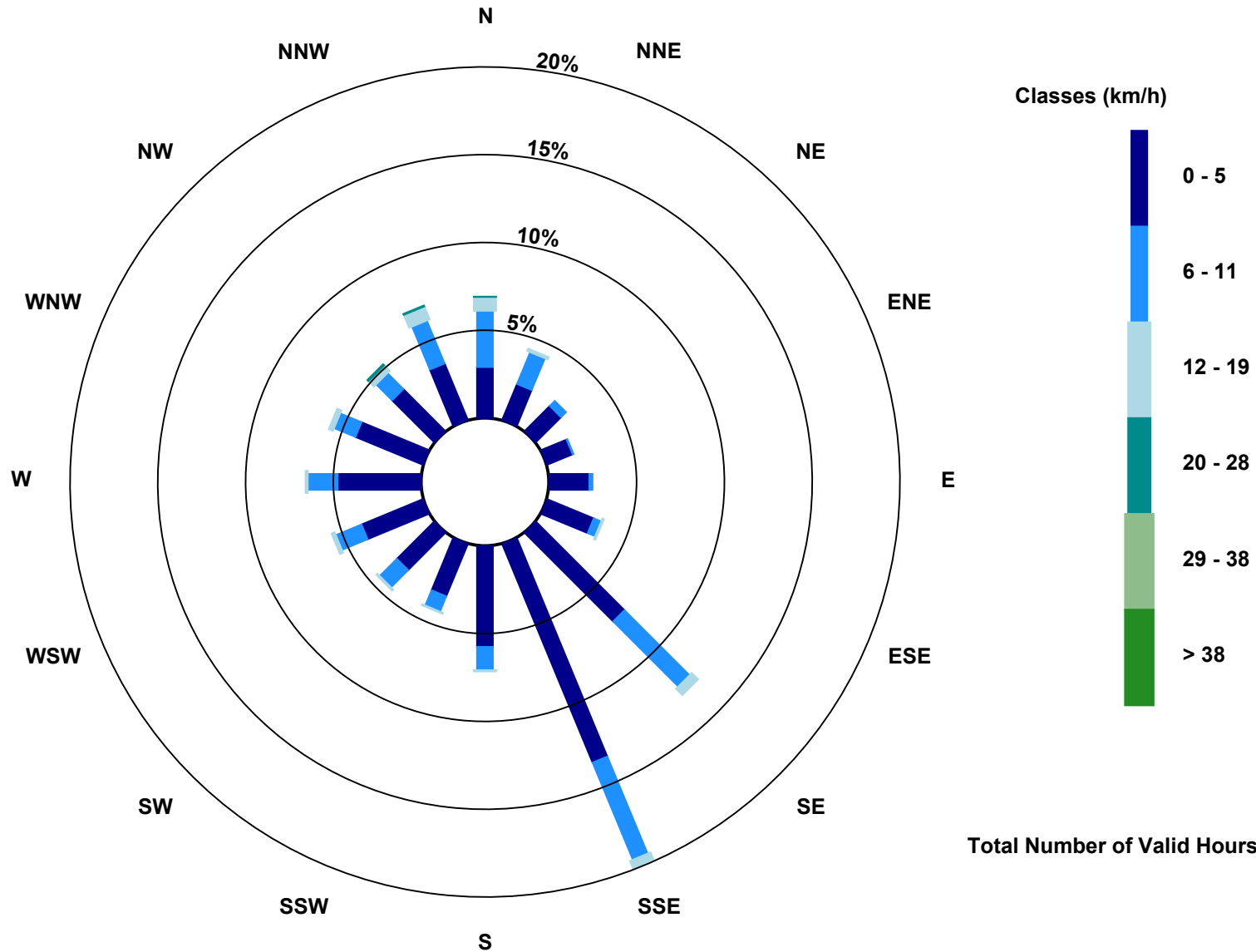


Total Number of Valid Hours: 8646



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Waskow ohci Pimatisiwin

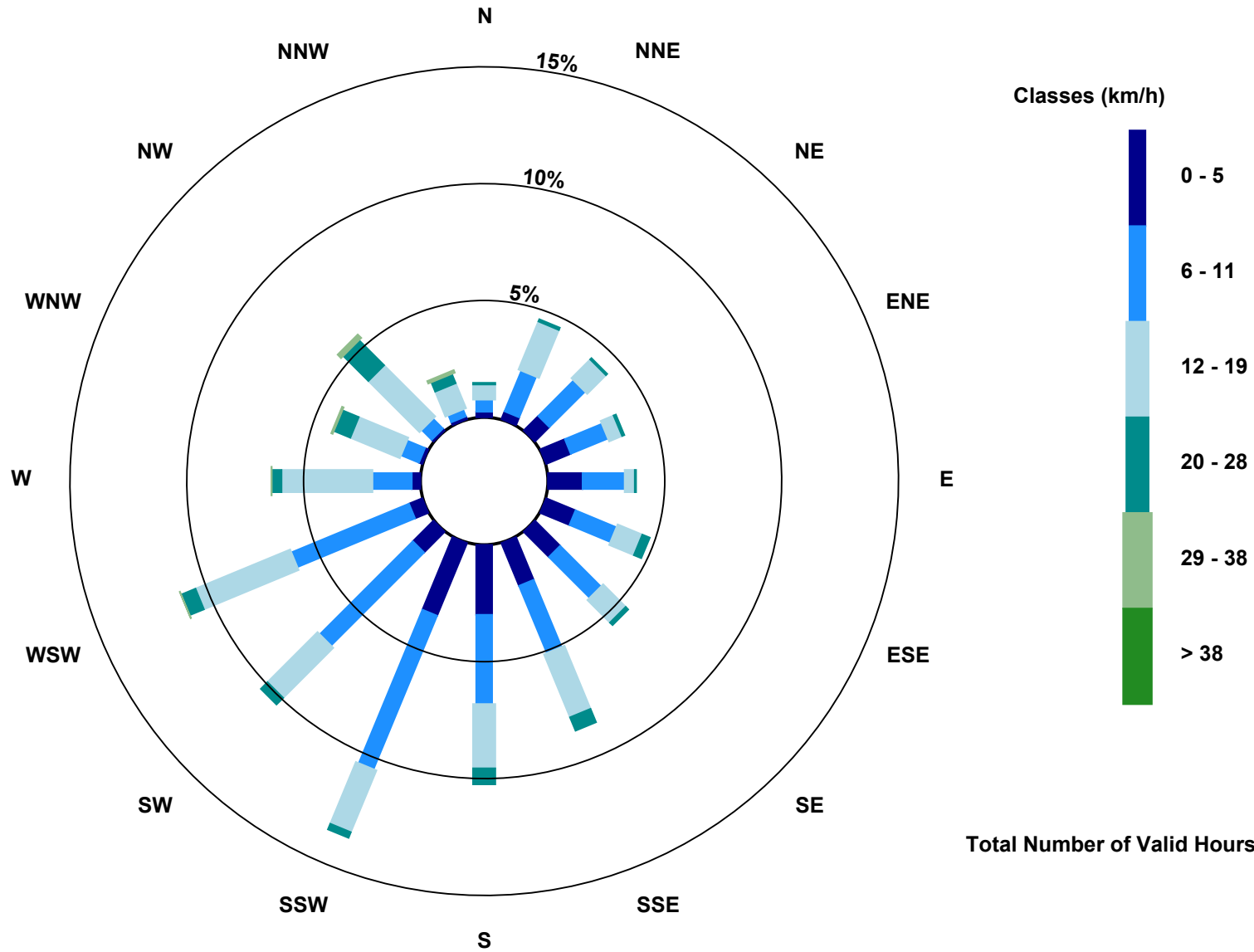


Total Number of Valid Hours: 7543



Wood Buffalo Environmental Association
Wind Rose 2023

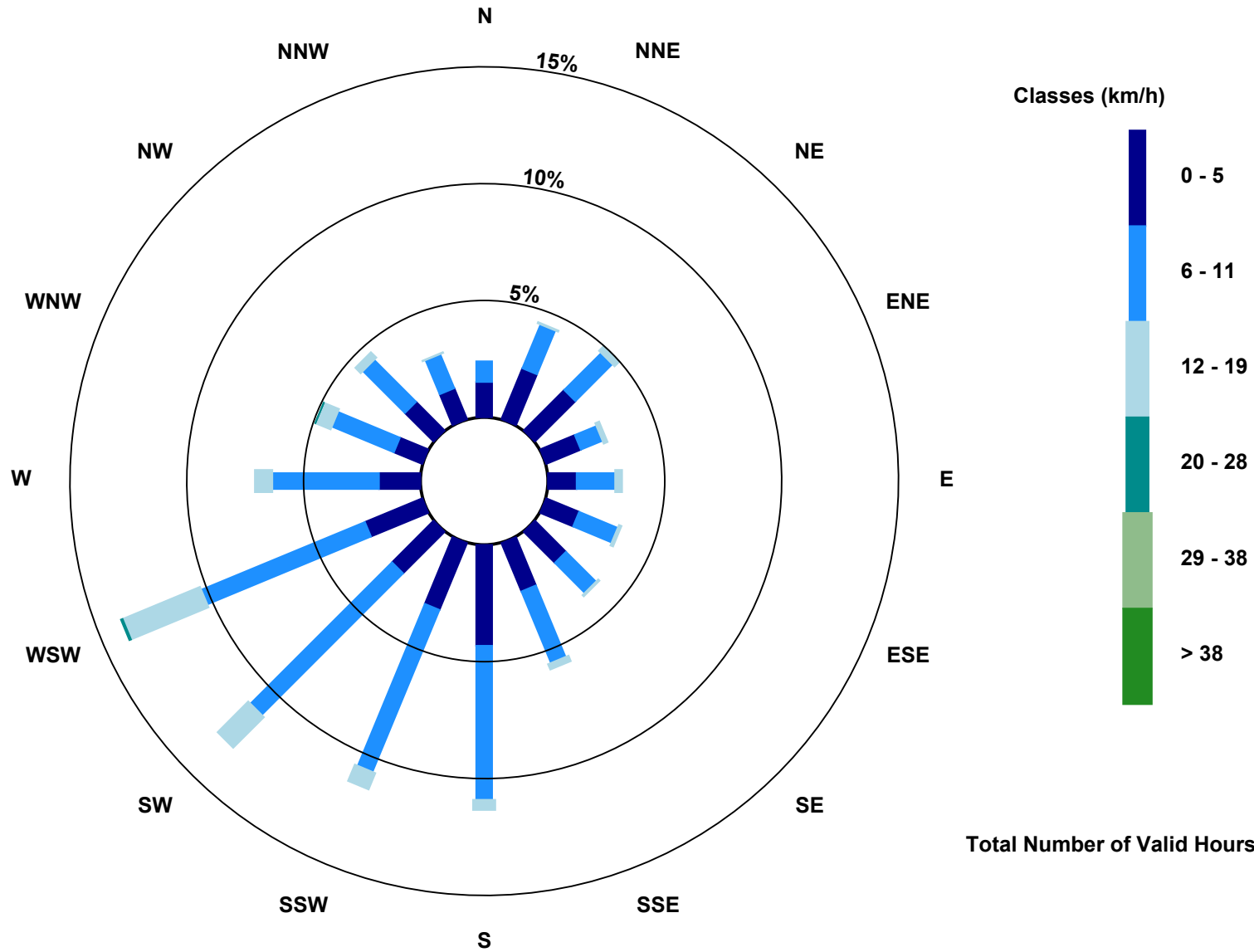
Wind Speed (WS) - km/h
Christina Lake





Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Jackfish 2/3

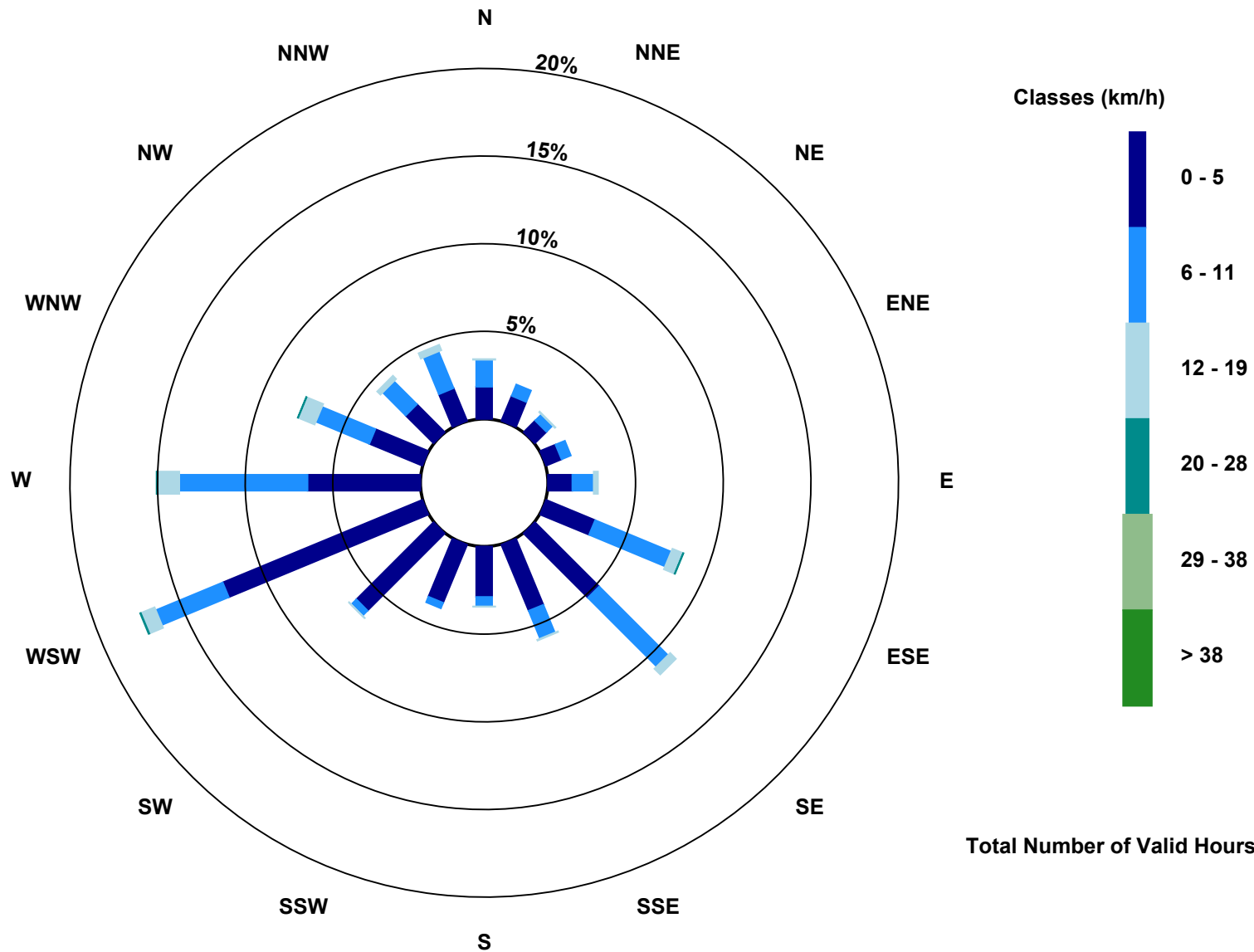


Total Number of Valid Hours: 8665



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Surmont 2

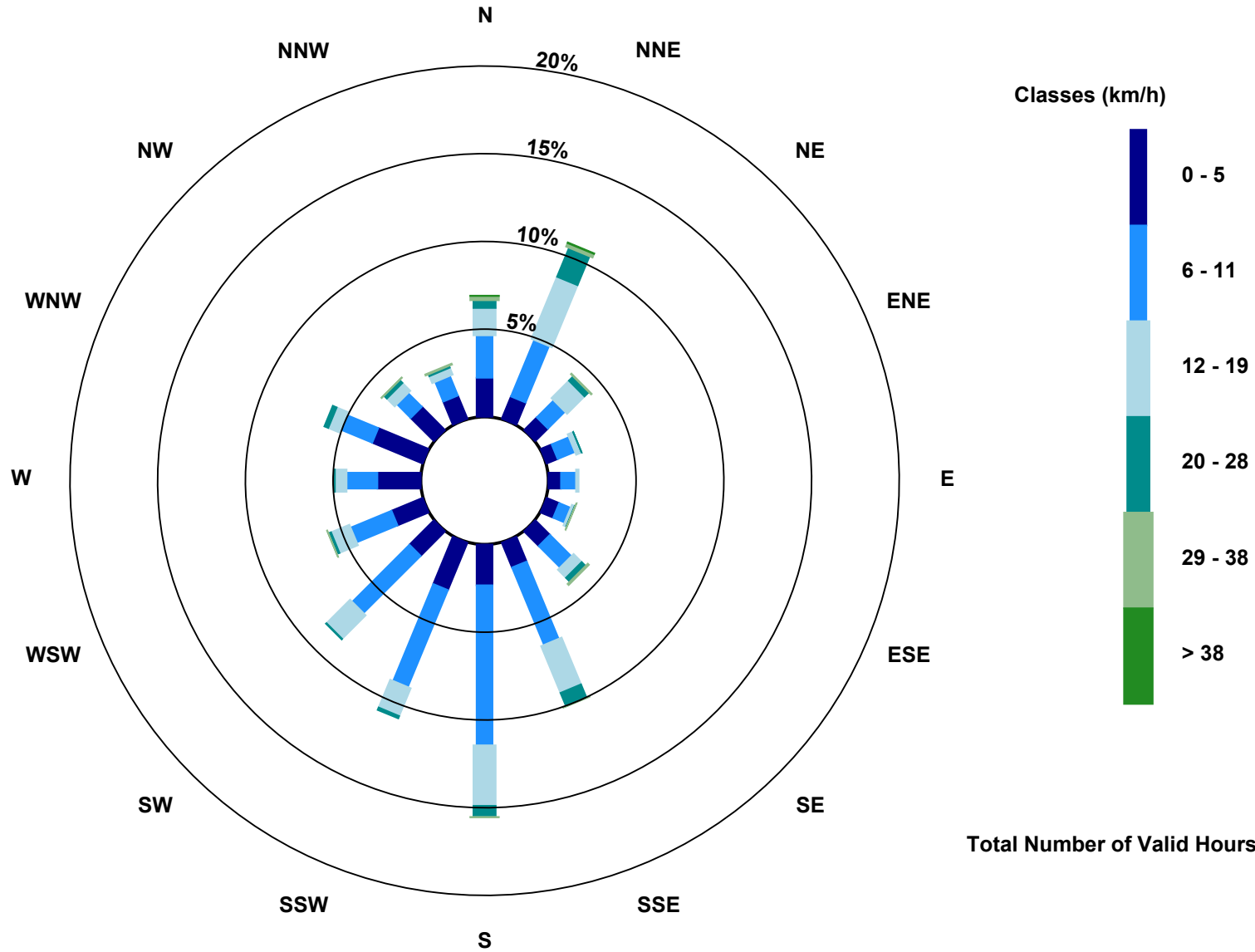


Total Number of Valid Hours: 8627



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Ells River

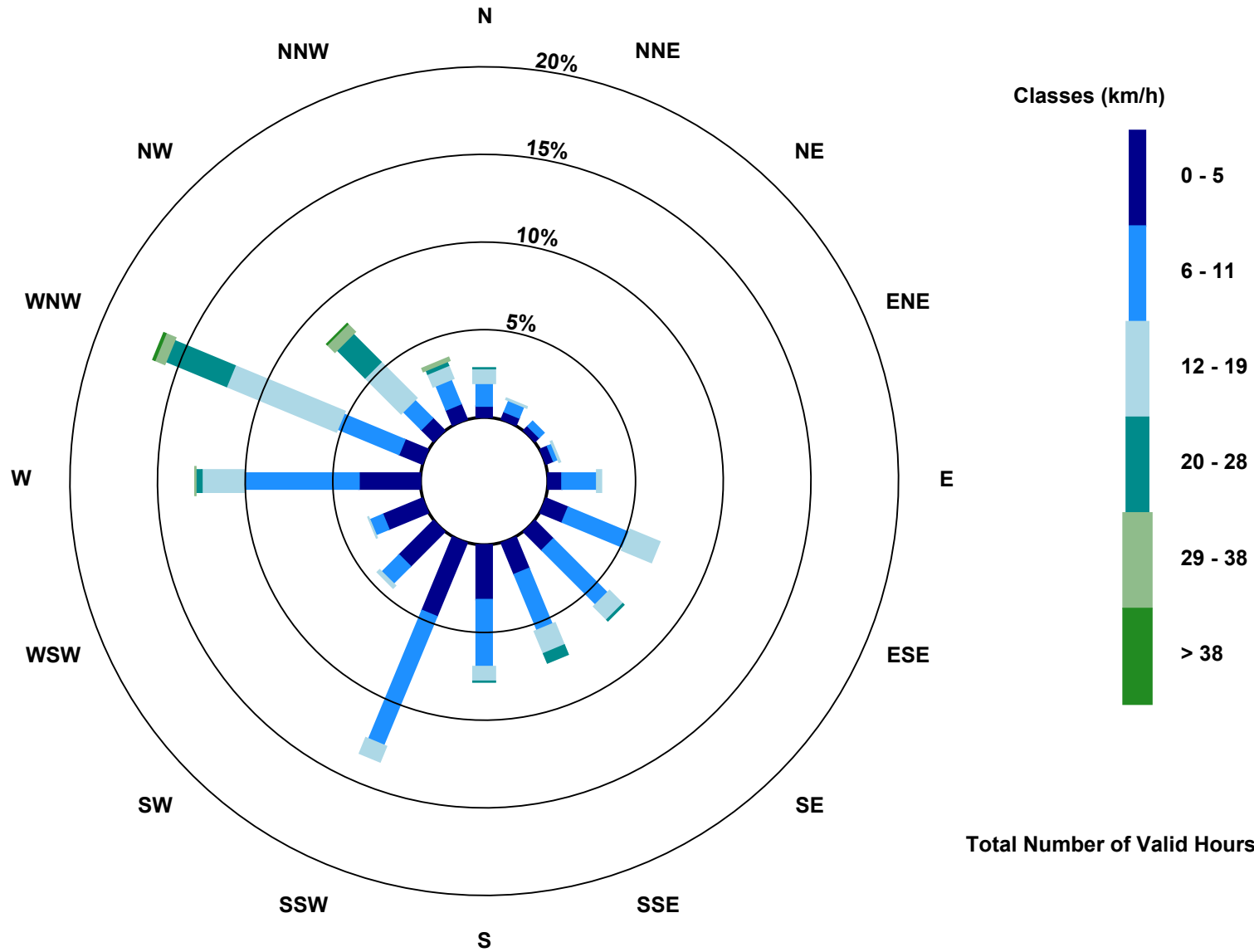


Total Number of Valid Hours: 8695



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Leismer

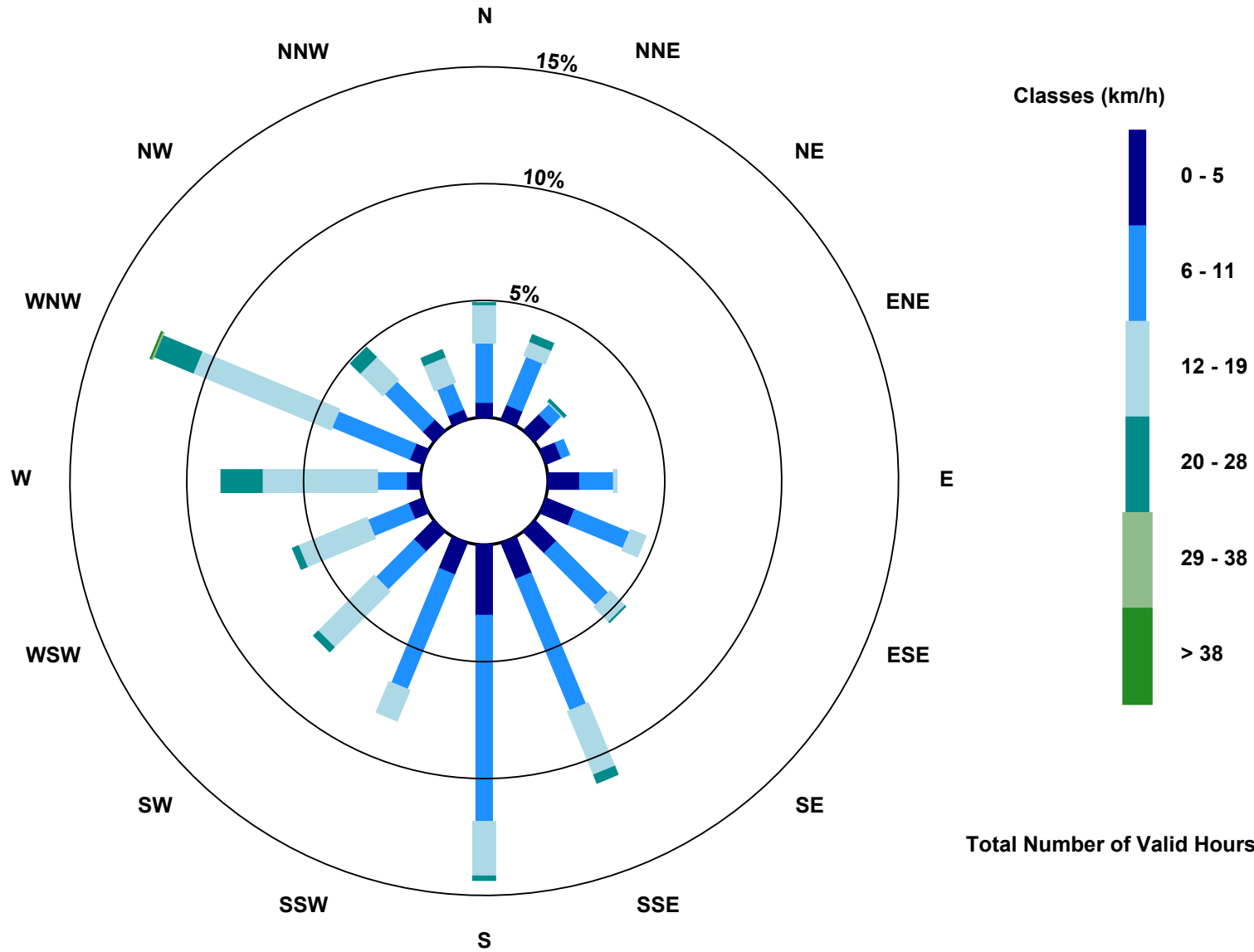


Total Number of Valid Hours: 2621



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Sawbones Bay

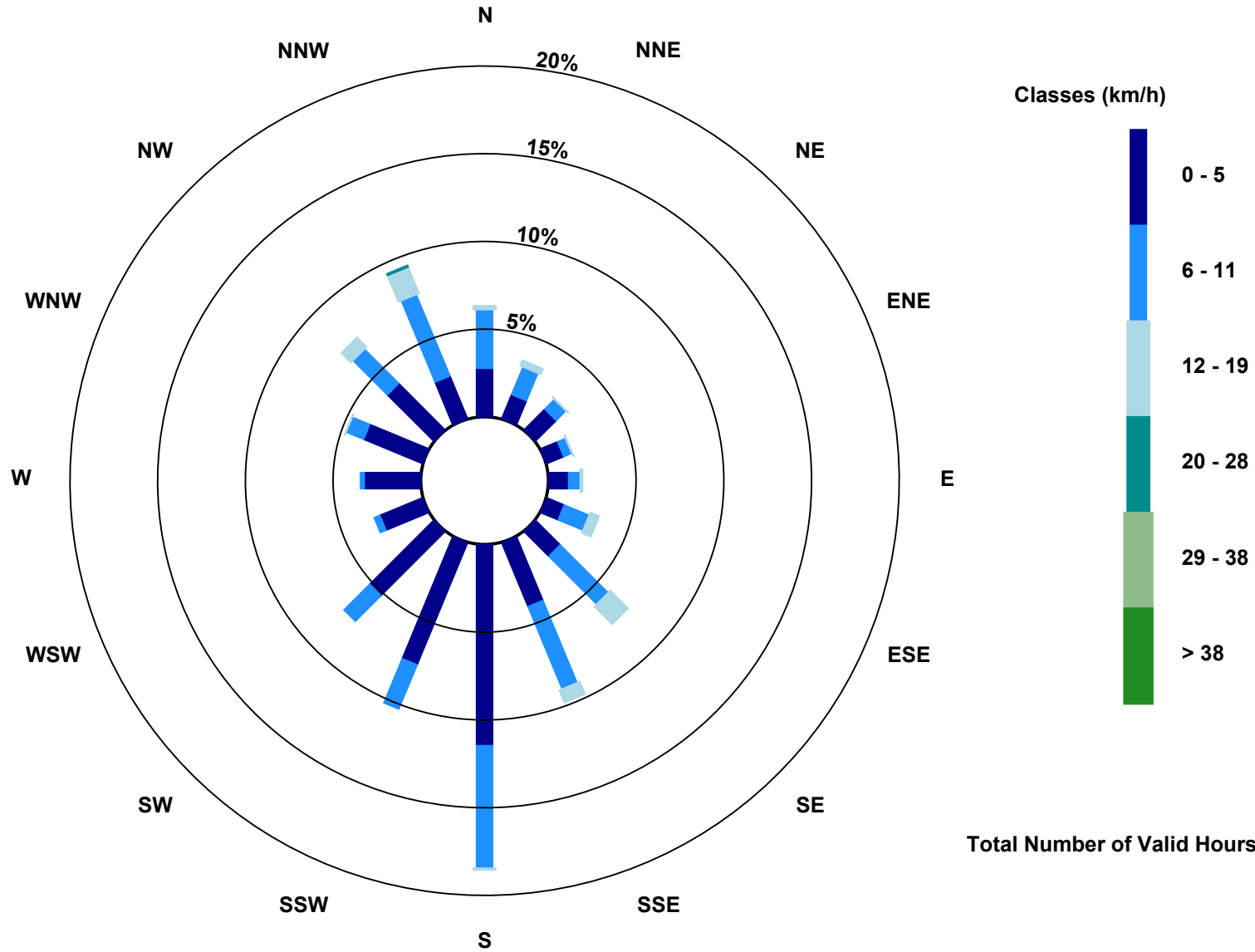


Total Number of Valid Hours: 4761



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Jackfish 1

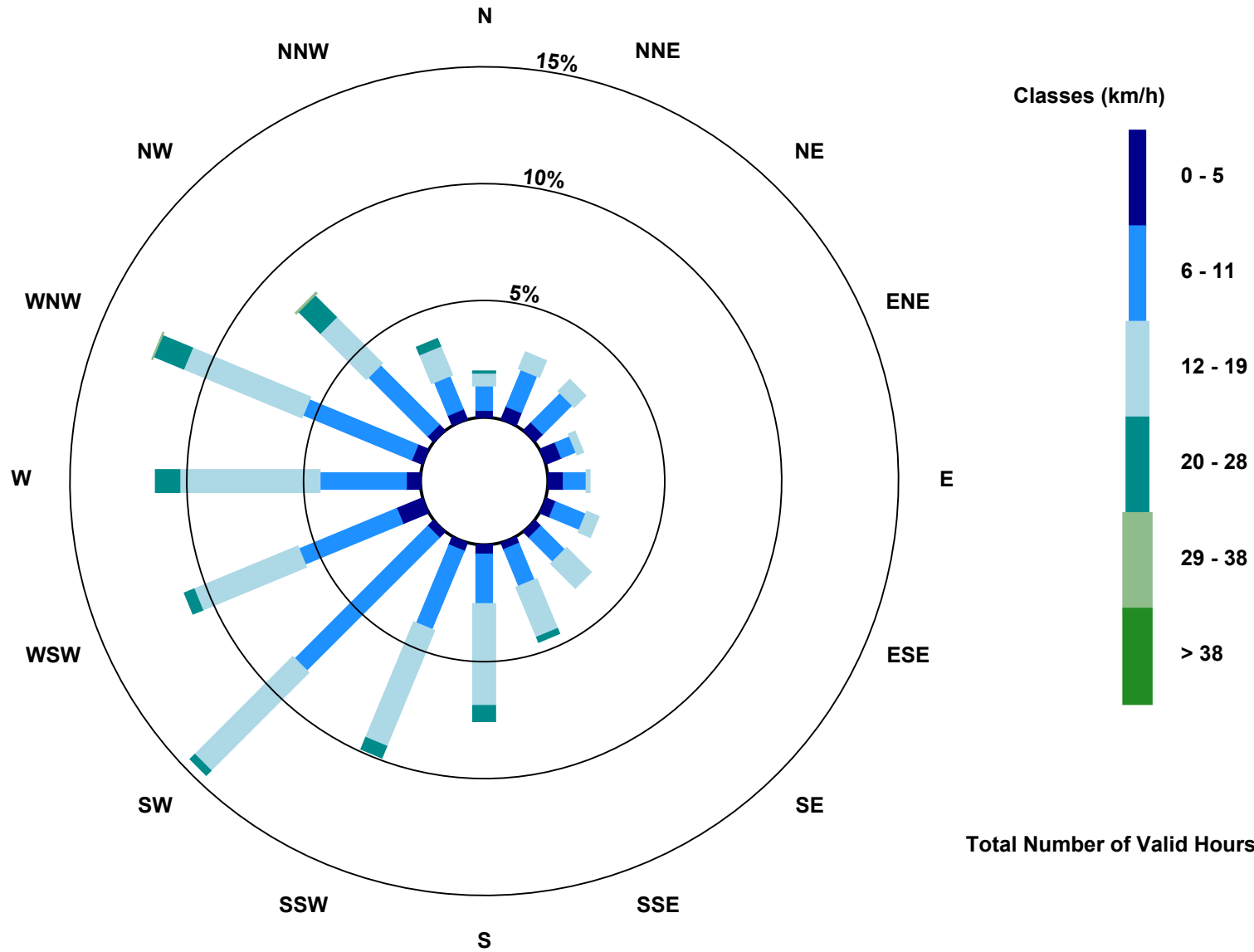


Total Number of Valid Hours: 5295



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Kirby South

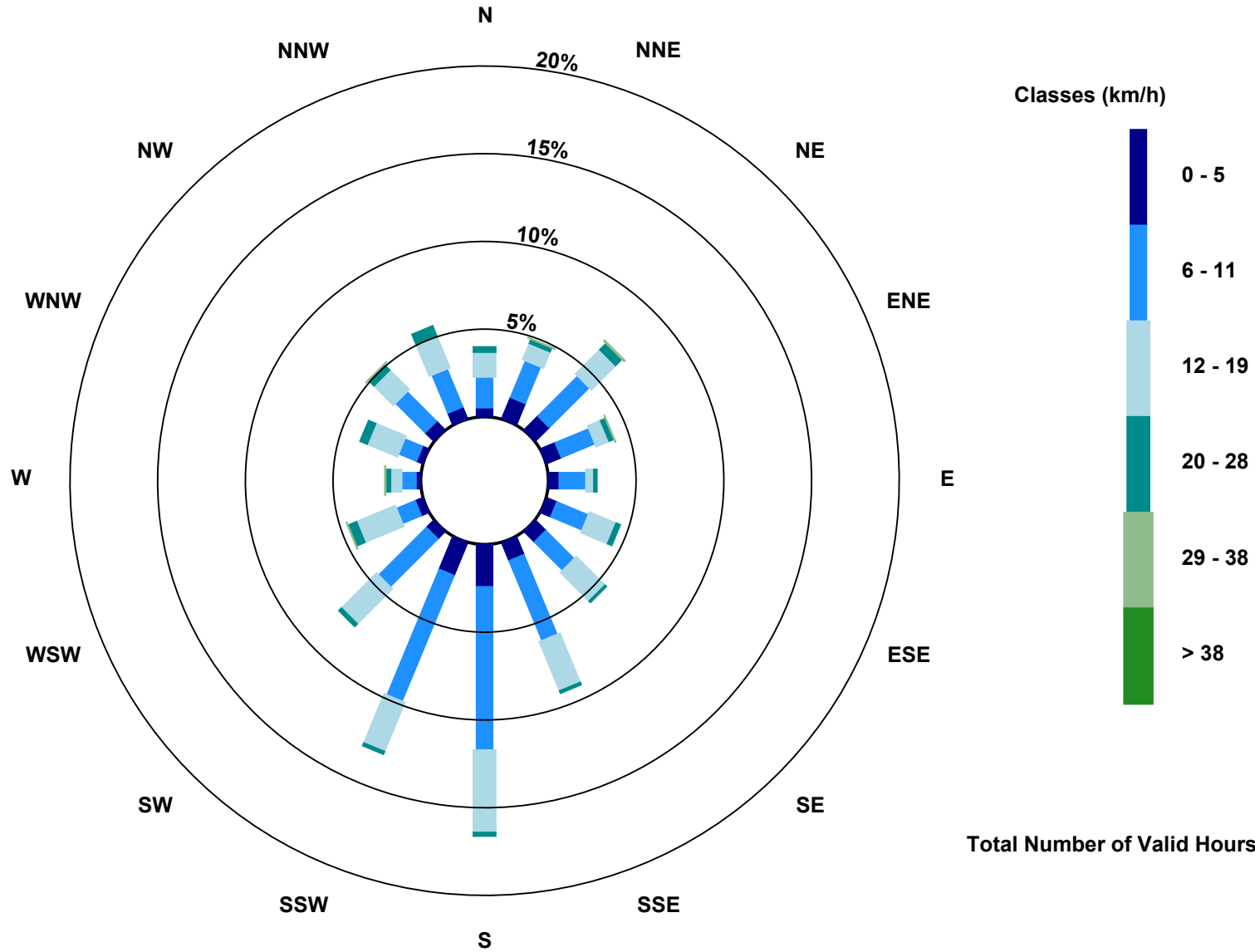


Total Number of Valid Hours: 4200



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Kirby North

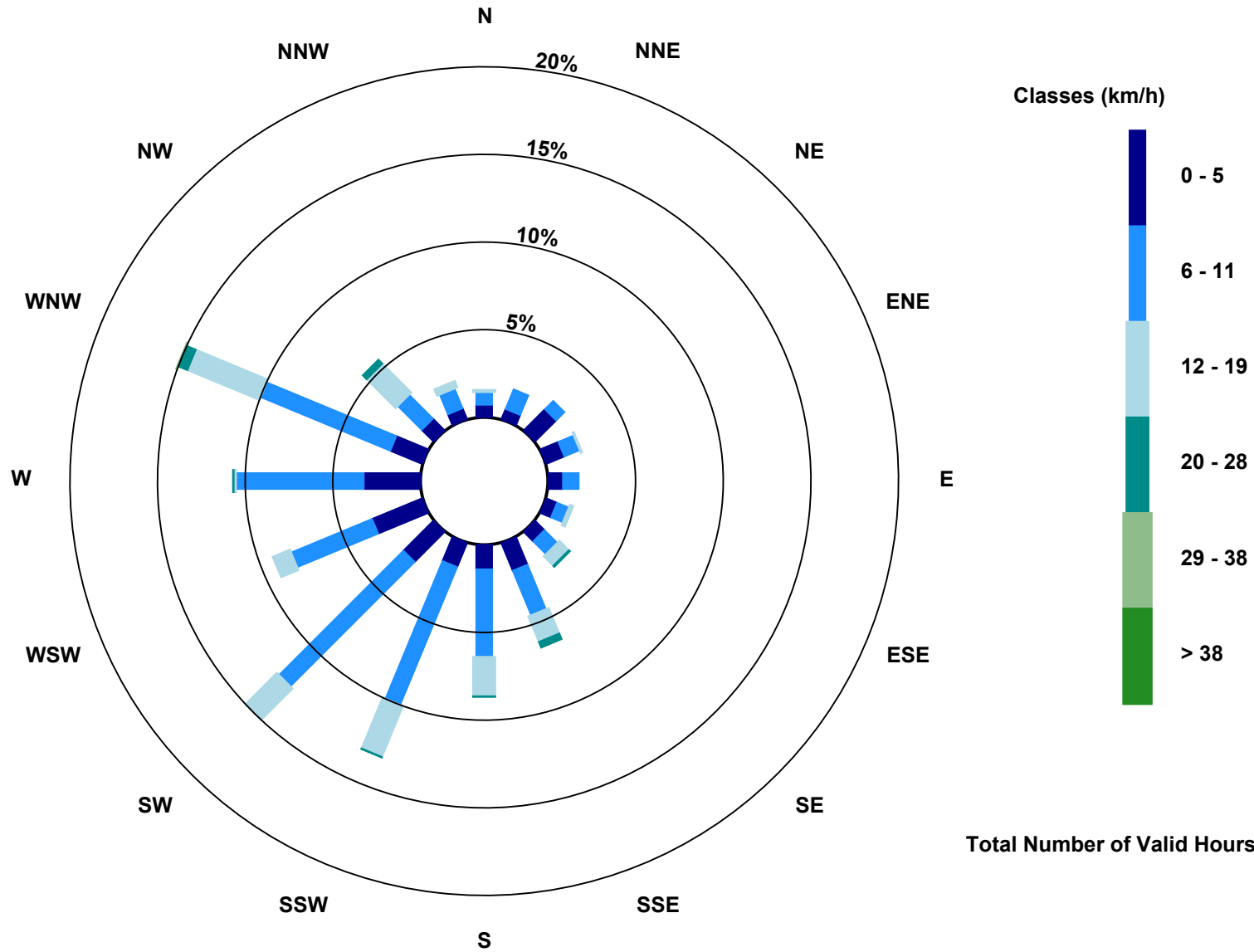


Total Number of Valid Hours: 4387



Wood Buffalo Environmental Association
Wind Rose 2023

Wind Speed (WS) - km/h
Blackgold



Total Number of Valid Hours: 2224



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

APPENDIX I: AAAQO EXCEEDANCES 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS14 Anzac	O3	Jan 1, 2023 11:00		1-hr	-	-	ret
AAAQG	AMS18 Stony Mountain	PM2.5	Jan 7, 2023 23:00	408422	1-hr	96	94.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jan 7, 2023 24:00	408422	1-hr	101	99.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jan 7, 2023 24:00	408423	1-hr	84	82.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jan 8, 2023 01:00	408424	1-hr	108	105.8	exc
AAAQO	AMS30 Ells River	PM2.5	Jan 8, 2023 24:00	408412	24-hr	35	33.3	exc
AAAQO	AMS21 Conklin	PM2.5	Jan 8, 2023 24:00	408413	24-hr	45	43.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jan 8, 2023 04:00	408425	1-hr	87	85.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jan 15, 2023 24:00	408673	24-hr	45	43.1	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 24:00	408666	24-hr	10	10.2	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jan 15, 2023 24:00	408674	24-hr	30	28.4	nae
AAAQO	AMS09 Barge Landing	PM2.5	Jan 15, 2023 24:00	408675	24-hr	30	27.7	nae
AAAQG	AMS09 Barge Landing	PM2.5	Jan 15, 2023 05:00	408675	1-hr	95	93.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jan 15, 2023 05:00	408674	1-hr	81	78.8	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jan 15, 2023 07:00	408673	1-hr	162	159.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jan 15, 2023 08:00	408673	1-hr	134	131.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jan 15, 2023 09:00	408673	1-hr	88	86.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jan 15, 2023 10:00	408673	1-hr	84	81.7	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 11:00	408657	1-hr	19	19.2	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 16:00	408666	1-hr	12	12.1	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 17:00	408666	1-hr	30	29.5	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 18:00	408666	1-hr	34	34.0	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 19:00	408666	1-hr	46	45.9	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 20:00	408666	1-hr	32	31.5	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 21:00	408666	1-hr	23	22.3	exc
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 23:00	408666	1-hr	10	9.3	nae
AAAQO	AMS05 Mannix	H2S	Jan 15, 2023 24:00	408666	1-hr	10	9.1	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jan 16, 2023 09:00	408724	1-hr	83	81.0	exc
AAAQO	AMS11 Lower Camp	H2S	Jan 17, 2023 03:00	408721	1-hr	11	10.8	exc
AAAQO	AMS11 Lower Camp	H2S	Jan 17, 2023 04:00	408722	1-hr	14	13.9	exc
AAAQO	AMS11 Lower Camp	H2S	Jan 17, 2023 18:00	408760	1-hr	15	15.0	exc
AAAQO	AMS20 Mackay River	H2S	Jan 23, 2023 15:00		1-hr	-	-	ret
AAAQO	AMS26 Christina Lake	H2S	Jan 25, 2023 12:00	409009	1-hr	-	-	ret
AAAQO	AMS26 Christina Lake	SO2	Jan 25, 2023 12:00	409010	1-hr	-	-	ret
AAAQG	AMS14 Anzac	PM2.5	Feb 19, 2023 01:00	409784	1-hr	214	214.3	exc
AAAQG	AMS14 Anzac	PM2.5	Feb 19, 2023 02:00	409784	1-hr	207	207.4	exc
AAAQO	AMS11 Lower Camp	H2S	Feb 25, 2023 20:00	409943	1-hr	10	9.4	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Mar 1, 2023 24:00	412471	30-day	100	99.8	exc
AAAQO	AMS11 Lower Camp	H2S	Mar 17, 2023 19:00	410686	1-hr	14	13.8	exc
AAAQO	AMS11 Lower Camp	H2S	Mar 17, 2023 20:00	410686	1-hr	11	10.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 21, 2023 04:00	410847	1-hr	108	106.2	exc
AAAQO	AMS30 Ells River	TSP	Mar 25, 2023 24:00	411644	24-hr	167	167.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	Mar 26, 2023 24:00	411000	24-hr	40	38.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 26, 2023 22:00	411000	1-hr	85	83.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 26, 2023 23:00	411000	1-hr	96	94.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 26, 2023 24:00	411000	1-hr	92	90.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 27, 2023 01:00	411036	1-hr	82	80	nae
AAAQO	AMS23 Fort Hills	PM2.5	Mar 27, 2023 24:00	411036	24-hr	40	39	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 27, 2023 02:00	411036	1-hr	91	89.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Mar 27, 2023 07:00	411039	1-hr	91	88.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 27, 2023 24:00	411036	1-hr	230	227.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 28, 2023 01:00	411042	1-hr	95	93.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Mar 28, 2023 24:00	411069	24-hr	31	29.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Mar 28, 2023 24:00	411070	24-hr	37	34.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 28, 2023 02:00	411042	1-hr	134	131.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 28, 2023 04:00	411042	1-hr	125	123.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Mar 28, 2023 06:00	411041	1-hr	100	97.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 28, 2023 24:00	411070	1-hr	81	79.6	nae
AAAQO	AMS23 Fort Hills	PM2.5	Mar 29, 2023 24:00	411123	24-hr	32	30.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 29, 2023 03:00	411076	1-hr	88	86.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Mar 30, 2023 05:00	411185	1-hr	126	124.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Apr 1, 2023 24:00	414761	30-day	72	71.6	exc
AAAQO	AMS11 Lower Camp	H2S	Apr 9, 2023 04:00	411475	1-hr	10	9.7	nae



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	Apr 12, 2023 21:00	411640	1-hr	87	85.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Apr 14, 2023 24:00	411704	24-hr	36	34.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Apr 14, 2023 05:00	411668	1-hr	88	86.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Apr 14, 2023 23:00	411704	1-hr	145	142.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Apr 14, 2023 24:00	411704	1-hr	115	113.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Apr 15, 2023 01:00	411722	1-hr	104	102.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Apr 15, 2023 24:00	411722	24-hr	30	28.1	nae
AAAQG	AMS23 Fort Hills	PM2.5	Apr 15, 2023 02:00	411722	1-hr	93	91.6	exc
AAAQG	AMS22 Janvier	PM2.5	Apr 15, 2023 21:00	411760	1-hr	126	124.7	exc
AAAQG	AMS22 Janvier	PM2.5	Apr 23, 2023 17:00	412018	1-hr	91	89.1	exc
AAAQO	AMS11 Lower Camp	H2S	May 1, 2023 24:00	412315	24-hr	4	3.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	May 1, 2023 24:00	415454	30-day	159	159.0	exc
AAAQO	AMS11 Lower Camp	H2S	May 1, 2023 19:00	412315	1-hr	13	13.0	exc
AAAQO	AMS11 Lower Camp	H2S	May 1, 2023 20:00	412315	1-hr	24	24.0	exc
AAAQO	AMS11 Lower Camp	SO2	May 1, 2023 20:00	412315	1-hr	238	237.7	exc
AAAQO	AMS11 Lower Camp	H2S	May 1, 2023 21:00	412315	1-hr	19	18.8	exc
AAAQO	AMS11 Lower Camp	SO2	May 1, 2023 21:00	412315	1-hr	217	216.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 3, 2023 06:00	412695	1-hr	166	164.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 4, 2023 24:00	412698	24-hr	32	31.1	exc
AAAQO	AMS14 Anzac	PM2.5	May 4, 2023 24:00	412697	24-hr	39	37.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 4, 2023 24:00	412518	24-hr	31	29.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 4, 2023 24:00	412700	24-hr	31	29.4	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 4, 2023 24:00	412701	24-hr	29	27.9	nae
AAAQO	AMS07 Athabasca Valley	PM2.5	May 4, 2023 24:00	412696	24-hr	39	37.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 4, 2023 19:00	412696	1-hr	82.0	80.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 4, 2023 20:00	412697	1-hr	113	111.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 4, 2023 20:00	412695	1-hr	96	95.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 4, 2023 21:00	412697	1-hr	143	142.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 4, 2023 22:00	412697	1-hr	142	141.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 4, 2023 23:00	412697	1-hr	114	112.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 5, 2023 01:00	412702	1-hr	82	80.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 5, 2023 01:00	412696	1-hr	90	89.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 5, 2023 24:00	412702	24-hr	36	34.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 5, 2023 24:00	412696	24-hr	34	32.6	exc
AAAQO	AMS22 Janvier	PM2.5	May 5, 2023 24:00	412705	24-hr	88	86.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 5, 2023 24:00	412695	24-hr	113	111.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 5, 2023 02:00	412702	1-hr	134	132.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 5, 2023 02:00	412696	1-hr	120	118.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 5, 2023 02:00	412704	1-hr	104	102.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 5, 2023 03:00	412702	1-hr	113	111.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 5, 2023 03:00	412696	1-hr	90	87.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 5, 2023 03:00	412704	1-hr	80	78.2	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 5, 2023 04:00	412702	1-hr	80	78.6	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	May 5, 2023 15:00	412696	1-hr	97	96.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 5, 2023 15:00	412697	1-hr	97	95.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 15:00	412705	1-hr	100	99.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 15:00	412695	1-hr	214	213.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 16:00	412705	1-hr	386	385.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 16:00	412695	1-hr	129	128.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 17:00	412705	1-hr	458	456.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 17:00	412695	1-hr	290.0	289.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 18:00	412705	1-hr	478	475.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 18:00	412695	1-hr	578	576.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 19:00	412705	1-hr	166	164.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 19:00	412695	1-hr	503	501.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 20:00	412695	1-hr	316	313.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 5, 2023 21:00	412705	1-hr	267	264.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 21:00	412695	1-hr	218	215.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 23:00	412695	1-hr	171	169.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 5, 2023 24:00	412695	1-hr	106	103.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 6, 2023 24:00	412700	24-hr	31.0	29.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 6, 2023 24:00	412702	24-hr	39	38.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 6, 2023 24:00	412701	24-hr	72	70.1	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS07 Athabasca Valley	PM2.5	May 6, 2023 24:00	412696	24-hr	91	89.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 6, 2023 24:00	412698	24-hr	36	34.8	exc
AAAQO	AMS14 Anzac	PM2.5	May 6, 2023 24:00	412697	24-hr	70	68.8	exc
AAAQO	AMS22 Janvier	PM2.5	May 6, 2023 24:00	412705	24-hr	43	42.3	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 6, 2023 24:00	412695	24-hr	77	75.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 6, 2023 24:00		24-hr	27	26.8	nae
AAAQG	AMS17 Wapasu	PM2.5	May 6, 2023 03:00	412704	1-hr	109	106.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 6, 2023 04:00	412700	1-hr	94	91.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 04:00	412696	1-hr	119	117.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 6, 2023 04:00	412698	1-hr	93	91.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 6, 2023 04:00	412704	1-hr	116	113.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 6, 2023 04:00	412699	1-hr	92	90.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 6, 2023 05:00	412700	1-hr	92	90.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 05:00	412696	1-hr	147	145.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 6, 2023 05:00	412698	1-hr	101	99.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 6, 2023 06:00	412700	1-hr	84	82.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 6, 2023 06:00	412702	1-hr	99	96.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 06:00	412701	1-hr	116	113.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 06:00	412696	1-hr	169	166.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 6, 2023 06:00	412698	1-hr	105	102.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 6, 2023 07:00	412700	1-hr	91	89.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 6, 2023 07:00	412702	1-hr	173	171.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 07:00	412701	1-hr	162	160.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 07:00	412696	1-hr	178	176.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 6, 2023 07:00	412698	1-hr	130	127.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 07:00	412697	1-hr	119	116.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 6, 2023 07:00	412706	1-hr	85	83.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 6, 2023 08:00	412702	1-hr	116	114.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 08:00	412701	1-hr	133	131.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 08:00	412696	1-hr	151	148.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 6, 2023 08:00	412698	1-hr	91	89.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 08:00	412697	1-hr	117	115.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 09:00	412701	1-hr	106	104.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 09:00	412696	1-hr	102	100.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 09:00	412697	1-hr	101	99.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 10:00	412697	1-hr	88	85.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 15:00	412695	1-hr	83	80.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 6, 2023 16:00	412705	1-hr	137	135.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 16:00	412695	1-hr	98	96.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 6, 2023 17:00	412705	1-hr	357	355.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 17:00	412695	1-hr	127	125.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 6, 2023 18:00	412705	1-hr	252	249.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 18:00	412695	1-hr	156	153.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 19:00	412695	1-hr	281	279.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 20:00	412697	1-hr	169	166.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 20:00	412695	1-hr	317	314.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 21:00	412701	1-hr	122	120.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 21:00	412696	1-hr	138	136.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 21:00	412697	1-hr	305	303.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 21:00	412695	1-hr	165	163.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 22:00	412701	1-hr	294	292.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 22:00	412696	1-hr	294	292.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 22:00	412697	1-hr	225	223.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 22:00	412695	1-hr	182	180.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 23:00	412701	1-hr	274	272.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 23:00	412696	1-hr	319	316.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 23:00	412697	1-hr	175	173.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 23:00	412695	1-hr	147	145.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 6, 2023 24:00	412701	1-hr	131	129.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 6, 2023 24:00	412696	1-hr	226	224.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 6, 2023 24:00	412697	1-hr	108	106.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 6, 2023 24:00	412695	1-hr	118	116.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 7, 2023 01:00	412696	1-hr	98	96.6	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 01:00	412695	1-hr	156	154.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 7, 2023 24:00	412695	24-hr	63	61.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 7, 2023 24:00	412702	24-hr	35	32.9	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 7, 2023 24:00	412701	24-hr	33	31.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 7, 2023 24:00	412696	24-hr	39	36.9	exc
AAAQO	AMS14 Anzac	PM2.5	May 7, 2023 24:00	412697	24-hr	67	64.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 02:00	412697	1-hr	96	94.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 02:00	412695	1-hr	180	178.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 03:00	412697	1-hr	96	93.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 03:00	412695	1-hr	194	191.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 04:00	412697	1-hr	141	138.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 04:00	412695	1-hr	178	176.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 05:00	412697	1-hr	182	180.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 05:00	412695	1-hr	182	180.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 06:00	412697	1-hr	186	184.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 06:00	412695	1-hr	168	166.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 07:00	412697	1-hr	129	127.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 7, 2023 07:00	412695	1-hr	113	110.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 08:00	412697	1-hr	99	97.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 09:00	412697	1-hr	83	81.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 7, 2023 19:00	412697	1-hr	91	88.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 10, 2023 24:00	412853	24-hr	34	31.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 10, 2023 24:00	413093	24-hr	32	30.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 10, 2023 24:00	413097	24-hr	33	31.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 10, 2023 24:00	413094	24-hr	29	27.7	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 10, 2023 13:00	413093	1-hr	81	80.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 10, 2023 13:00	413219	1-hr	87	85.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 10, 2023 14:00	413093	1-hr	96	94.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 10, 2023 14:00	413094	1-hr	86	85.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 10, 2023 23:00	412853	1-hr	92	89.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 10, 2023 24:00	412853	1-hr	90	88.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 11, 2023 24:00	413099	24-hr	37	35.5	exc
AAAQO	AMS21 Conklin	PM2.5	May 11, 2023 24:00	413098	24-hr	37	35.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 11, 2023 24:00	413097	24-hr	30	28.9	nae
AAAQO	AMS11 Lower Camp	H2S	May 11, 2023 20:00	412897	1-hr	12	11.4	exc
AAAQO	AMS11 Lower Camp	H2S	May 11, 2023 21:00	412897	1-hr	30	29.3	exc
AAAQO	AMS11 Lower Camp	SO2	May 11, 2023 21:00	412899	1-hr	239	238.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 11, 2023 22:00	413098	1-hr	85	82.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 11, 2023 23:00	413099	1-hr	93	90.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 11, 2023 24:00	413099	1-hr	88	86.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 11, 2023 24:00	413100	1-hr	85	83.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 12, 2023 01:00	413099	1-hr	82	80.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 01:00	413100	1-hr	87	85.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 12, 2023 24:00	413093	24-hr	45	44.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 12, 2023 24:00	413103	24-hr	41	39.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 12, 2023 24:00	413104	24-hr	33	32.0	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 12, 2023 24:00	413097	24-hr	42	41.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 12, 2023 24:00	413107	24-hr	33	31.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 12, 2023 24:00	413094	24-hr	48	46.4	exc
AAAQO	AMS14 Anzac	PM2.5	May 12, 2023 24:00	413101	24-hr	68	66.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 12, 2023 24:00	413099	24-hr	46	44.9	exc
AAAQO	AMS21 Conklin	PM2.5	May 12, 2023 24:00	413098	24-hr	50	48.9	exc
AAAQO	AMS22 Janvier	PM2.5	May 12, 2023 24:00	413100	24-hr	83	81.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 12, 2023 24:00	412973	24-hr	39	37.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 12, 2023 24:00	413102	24-hr	80	78.4	exc
AAAQO	AMS30 Ells River	PM2.5	May 12, 2023 24:00	412974	24-hr	37	35.3	exc
AAAQO	AMS30 Ells River	TSP	May 12, 2023 24:00	414778	24-hr	124	124.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 02:00	413100	1-hr	86	84.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 03:00	413100	1-hr	81	79.2	nae
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 04:00	413101	1-hr	89	87.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 04:00	413100	1-hr	84	82.2	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 05:00	413101	1-hr	141	138.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 05:00	413100	1-hr	91	89.6	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 05:00	413102	1-hr	134	131.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 06:00	413101	1-hr	147	144.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 06:00	413100	1-hr	88	85.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 06:00	413102	1-hr	120	118.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 07:00	413101	1-hr	149	147.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 12, 2023 07:00	413099	1-hr	136	133.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 07:00	413100	1-hr	88	86.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 07:00	413102	1-hr	125	123.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 08:00	413101	1-hr	133	130.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 12, 2023 08:00	413099	1-hr	165	163.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 08:00	413100	1-hr	103	100.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 08:00	413102	1-hr	156	153.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 12, 2023 09:00	413103	1-hr	81	78.9	nae
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 09:00	413101	1-hr	82	80.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 12, 2023 09:00	413099	1-hr	118	115.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 12, 2023 09:00	413098	1-hr	93	91.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 09:00	413100	1-hr	133	131.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 12, 2023 10:00	413093	1-hr	88	86.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 12, 2023 10:00	413097	1-hr	90	88.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 12, 2023 10:00	413094	1-hr	95	94.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 10:00	413100	1-hr	122	120.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 12, 2023 21:00	413098	1-hr	165	162.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 21:00	413102	1-hr	89	87.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 22:00	413101	1-hr	84	81.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 22:00	413100	1-hr	203	200.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 22:00	413102	1-hr	207	205.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 12, 2023 23:00	413097	1-hr	87	85.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 23:00	413101	1-hr	144	142.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 23:00	413100	1-hr	259	256.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 23:00	413102	1-hr	275	273.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 12, 2023 24:00	413103	1-hr	122	119.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 12, 2023 24:00	413104	1-hr	109	106.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 12, 2023 24:00	413097	1-hr	124	122.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 12, 2023 24:00	413107	1-hr	81	79.1	nae
AAAQG	AMS13 Fort McKay South	PM2.5	May 12, 2023 24:00	413094	1-hr	86	83.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 12, 2023 24:00	413101	1-hr	248	246.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 12, 2023 24:00	413108	1-hr	88	86.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 12, 2023 24:00	412973	1-hr	83	81.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 12, 2023 24:00	413100	1-hr	227	225.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 12, 2023 24:00	413102	1-hr	312	310.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 01:00	413093	1-hr	99	97.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 01:00	413103	1-hr	142	139.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 13, 2023 01:00	413104	1-hr	125	123.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 01:00	413097	1-hr	138	136.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 01:00	413107	1-hr	119	117.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 01:00	413094	1-hr	137	135.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 13, 2023 01:00	413101	1-hr	283	280.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 01:00	413108	1-hr	132	130.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 01:00	413011	1-hr	130	127.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 13, 2023 01:00	413100	1-hr	195	193.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 13, 2023 01:00	413102	1-hr	289	287.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 01:00	413012	1-hr	105	102.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 24:00	413093	24-hr	64	-	ret
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 24:00	413103	24-hr	64	63.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 13, 2023 24:00	413104	24-hr	33	31.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 13, 2023 24:00	413097	24-hr	101	99.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 24:00	413109	24-hr	61	60.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 13, 2023 24:00	413107	24-hr	79	77.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 13, 2023 24:00	413094	24-hr	87	85.4	exc
AAAQO	AMS14 Anzac	PM2.5	May 13, 2023 24:00	413101	24-hr	48	47.0	exc
AAAQO	AMS17 Wapasu	PM2.5	May 13, 2023 24:00	413108	24-hr	63	62.1	exc
AAAQO	AMS22 Janvier	PM2.5	May 13, 2023 24:00	413100	24-hr	29	27.8	nae
AAAQO	AMS23 Fort Hills	PM2.5	May 13, 2023 24:00	413011	24-hr	75	73.3	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS29 Surmont 2	PM2.5	May 13, 2023 24:00	413102	24-hr	51	49.6	exc
AAAQO	AMS30 Ells River	PM2.5	May 13, 2023 24:00	413012	24-hr	49	47.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 02:00	413093	1-hr	130	128.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 02:00	413103	1-hr	169	167.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 13, 2023 02:00	413104	1-hr	125	123.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 02:00	413097	1-hr	157	155.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 02:00	413107	1-hr	154	151.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 02:00	413094	1-hr	183	181.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 13, 2023 02:00	413101	1-hr	295	293.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 02:00	413108	1-hr	220	217.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 02:00	413011	1-hr	157	154.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 13, 2023 02:00	413100	1-hr	152	150.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 13, 2023 02:00	413102	1-hr	230	228.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 02:00	413012	1-hr	138	136.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 03:00	413093	1-hr	169	166.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 03:00	413103	1-hr	199	196.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 13, 2023 03:00	413104	1-hr	103	100.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 03:00	413097	1-hr	188	185.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 03:00	413109	1-hr	97	95.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 03:00	413107	1-hr	189	187.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 03:00	413094	1-hr	199	197.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 13, 2023 03:00	413101	1-hr	219	216.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 03:00	413108	1-hr	250	247.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 03:00	413011	1-hr	172	170.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 13, 2023 03:00	413100	1-hr	83	81.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 13, 2023 03:00	413102	1-hr	174	172.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 03:00	413012	1-hr	140	138.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 04:00	413093	1-hr	164	162.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 04:00	413103	1-hr	142	140.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 04:00	413097	1-hr	199	197.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 04:00	413109	1-hr	126	124.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 04:00	413107	1-hr	208	206.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 04:00	413094	1-hr	197	195.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 13, 2023 04:00	413101	1-hr	114	111.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 04:00	413108	1-hr	212	210.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 04:00	413011	1-hr	230	228.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 13, 2023 04:00	413102	1-hr	183	181.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 04:00	413012	1-hr	140	138.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 05:00	413093	1-hr	166	163.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 05:00	413103	1-hr	114	112.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 05:00	413097	1-hr	218	216.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 05:00	413109	1-hr	119	117.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 05:00	413107	1-hr	208	206.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 05:00	413094	1-hr	203	201.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 05:00	413108	1-hr	158	156.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 05:00	413011	1-hr	231	229.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 13, 2023 05:00	413102	1-hr	125	123.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 05:00	413012	1-hr	118	116.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 06:00	413093	1-hr	173	170.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 06:00	413103	1-hr	110	108.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 06:00	413097	1-hr	212	209.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 06:00	413109	1-hr	124	122.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 06:00	413107	1-hr	198	195.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 06:00	413094	1-hr	177	175.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 13, 2023 06:00	413108	1-hr	107	104.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 06:00	413011	1-hr	213	211.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 13, 2023 06:00	413012	1-hr	93	91.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 07:00	413093	1-hr	166	164.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 07:00	413103	1-hr	89	87.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 07:00	413097	1-hr	237	235.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 07:00	413109	1-hr	125	122.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 07:00	413107	1-hr	155	152.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 07:00	413094	1-hr	170	168.3	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	May 13, 2023 07:00	413011	1-hr	148	146.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 08:00	413093	1-hr	152	150.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 08:00	413103	1-hr	94	92.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 08:00	413097	1-hr	224	222.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 08:00	413109	1-hr	114	112.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 08:00	413107	1-hr	124	122.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 08:00	413094	1-hr	151	149.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 09:00	413093	1-hr	120	118.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 09:00	413103	1-hr	95	93.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 09:00	413097	1-hr	197	195.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 13, 2023 09:00	413109	1-hr	96	94.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 13, 2023 09:00	413107	1-hr	102	100.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 09:00	413094	1-hr	95	93.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 13, 2023 10:00	413093	1-hr	95	93.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 13, 2023 10:00	413103	1-hr	80	78.7	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	May 13, 2023 10:00	413097	1-hr	170	168.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 13, 2023 10:00	413094	1-hr	89	88.2	exc
AAAQO	AMS11 Lower Camp	H2S	May 13, 2023 17:00	413004	1-hr	11	10.2	exc
AAAQO	AMS11 Lower Camp	H2S	May 13, 2023 23:00	413004	1-hr	12	11.6	exc
AAAQO	AMS17 Wapasu	PM2.5	May 14, 2023 24:00	413108	24-hr	39	37.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 14, 2023 24:00	413029	24-hr	54	52.9	exc
AAAQO	AMS30 Ells River	PM2.5	May 14, 2023 24:00	413030	24-hr	40	38.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 24:00	413103	24-hr	51	49.7	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 14, 2023 24:00	413104	24-hr	32	31.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 14, 2023 24:00	413097	24-hr	45	44.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 24:00	413109	24-hr	39	37.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 14, 2023 24:00	413107	24-hr	39	37.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 14, 2023 24:00	413094	24-hr	48	47.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 05:00	413109	1-hr	81	79.1	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 06:00	413109	1-hr	89	87.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 07:00	413109	1-hr	104	101.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 08:00	413109	1-hr	111	109.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 14, 2023 09:00	413109	1-hr	84	81.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 14, 2023 12:00	413094	1-hr	84	82.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 14, 2023 13:00	413108	1-hr	99	97.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 13:00	413029	1-hr	93	92.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 14, 2023 13:00	413097	1-hr	80	79.2	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	May 14, 2023 14:00	413097	1-hr	93	92.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 14, 2023 16:00	413097	1-hr	114	112.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 14, 2023 17:00	413097	1-hr	108	107.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 14, 2023 18:00	413097	1-hr	83	82.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 14, 2023 18:00	413104	1-hr	87	85.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 19:00	413103	1-hr	106	104.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 20:00	413103	1-hr	127	126.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 14, 2023 20:00	413108	1-hr	81	79.6	nae
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 20:00	413029	1-hr	111	110.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 21:00	413103	1-hr	123	122.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 14, 2023 21:00	413094	1-hr	93	91.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 21:00	413029	1-hr	139	138.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 22:00	413103	1-hr	94	93.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 14, 2023 22:00	413094	1-hr	94	93.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 22:00	413029	1-hr	121	120.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 14, 2023 23:00	413103	1-hr	82	80.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 14, 2023 23:00	413094	1-hr	88	86.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 23:00	413029	1-hr	103	101.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 14, 2023 24:00	413094	1-hr	83	80.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 14, 2023 24:00	413029	1-hr	93	90.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 01:00	413644	1-hr	89	87.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 01:00	413610	1-hr	85	83.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 15, 2023 01:00	413111	1-hr	82	80.5	exc
AAAQO	AMS11 Lower Camp	H2S	May 15, 2023 24:00	413110	24-hr	3	2.9	nae
AAAQO	AMS13 Fort McKay South	PM2.5	May 15, 2023 24:00	413610	24-hr	62	61.1	exc
AAAQO	AMS17 Wapasu	PM2.5	May 15, 2023 24:00	413653	24-hr	65	64.0	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS21 Conklin	PM2.5	May 15, 2023 24:00	413656	24-hr	29	28.1	nae
AAAQO	AMS23 Fort Hills	PM2.5	May 15, 2023 24:00	413111	24-hr	57	56.0	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 24:00	413644	24-hr	51	49.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 15, 2023 24:00	413651	24-hr	51	50.0	exc
AAAQO	AMS30 Ells River	PM2.5	May 15, 2023 24:00	413112	24-hr	47	45.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 02:00	413644	1-hr	102	100.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 02:00	413610	1-hr	92	90.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 15, 2023 02:00	413111	1-hr	82	80.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 03:00	413644	1-hr	96	94.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 03:00	413610	1-hr	90	87.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 04:00	413644	1-hr	89	87.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 04:00	413610	1-hr	87	85.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 05:00	413644	1-hr	82	79.6	nae
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 05:00	413610	1-hr	83	81.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 06:00	413644	1-hr	81	78.8	nae
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 06:00	413610	1-hr	82	79.6	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 08:00	413644	1-hr	83	80.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 09:00	413644	1-hr	86	83.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 09:00	413610	1-hr	84	82.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 10:00	413644	1-hr	91	89.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 10:00	413610	1-hr	82	80.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 11:00	413610	1-hr	109	107.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 15, 2023 12:00	413651	1-hr	90	89.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 12:00	413610	1-hr	127	126.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 13:00	413610	1-hr	105	104.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 15, 2023 13:00	413111	1-hr	81	80.0	nae
AAAQO	AMS11 Lower Camp	H2S	May 15, 2023 20:00	413095	1-hr	24	24.0	exc
AAAQO	AMS11 Lower Camp	SO2	May 15, 2023 20:00	413096	1-hr	183	182.7	exc
AAAQO	AMS11 Lower Camp	H2S	May 15, 2023 21:00	413106	1-hr	10	9.3	nae
AAAQG	AMS17 Wapasu	PM2.5	May 15, 2023 21:00	413653	1-hr	131	130.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 15, 2023 21:00	413656	1-hr	110	108.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 15, 2023 22:00	413653	1-hr	260	259.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 15, 2023 22:00	413656	1-hr	263	260.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 15, 2023 23:00	413653	1-hr	252	251.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 15, 2023 23:00	413656	1-hr	81	79.2	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 15, 2023 24:00	413611	1-hr	96	94.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 15, 2023 24:00	413644	1-hr	89	88.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 15, 2023 24:00	413610	1-hr	85	84.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 15, 2023 24:00	413653	1-hr	187	186.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 15, 2023 24:00	413111	1-hr	179	178.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 15, 2023 24:00	413112	1-hr	129	128.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 01:00	413611	1-hr	240	238.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 01:00	413644	1-hr	151	150.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 16, 2023 01:00	413648	1-hr	127	126.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 16, 2023 01:00	413649	1-hr	105	104.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 16, 2023 01:00	413651	1-hr	129	127.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 01:00	413610	1-hr	258	256.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 16, 2023 01:00	413653	1-hr	100	98.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 16, 2023 01:00	413212	1-hr	245	243.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 16, 2023 01:00	413213	1-hr	267	266.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 24:00	413644	24-hr	60	58.3	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 16, 2023 24:00	413648	24-hr	52	49.9	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 16, 2023 24:00	413649	24-hr	53	51.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 16, 2023 24:00	413651	24-hr	42	40.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 16, 2023 24:00	413610	24-hr	61	59.3	exc
AAAQO	AMS14 Anzac	PM2.5	May 16, 2023 24:00	413652	24-hr	39	37.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 16, 2023 24:00	413655	24-hr	39	37.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 24:00	413611	24-hr	70	68.4	exc
AAAQO	AMS21 Conklin	PM2.5	May 16, 2023 24:00	413656	24-hr	39	36.9	exc
AAAQO	AMS22 Janvier	PM2.5	May 16, 2023 24:00	413662	24-hr	35	33.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 16, 2023 24:00	413212	24-hr	45	43.9	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 16, 2023 24:00	413663	24-hr	44	42.3	exc
AAAQO	AMS30 Ells River	PM2.5	May 16, 2023 24:00	413213	24-hr	48	46.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 02:00	413611	1-hr	216	214.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 02:00	413644	1-hr	222	220.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 16, 2023 02:00	413648	1-hr	255	253.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 16, 2023 02:00	413649	1-hr	226	225.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 16, 2023 02:00	413651	1-hr	112	109.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 02:00	413610	1-hr	224	222.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 16, 2023 02:00	413213	1-hr	125	123.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 03:00	413644	1-hr	94	91.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 16, 2023 03:00	413648	1-hr	191	189.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 16, 2023 03:00	413649	1-hr	215	213.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 16, 2023 03:00	413652	1-hr	196	194.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 16, 2023 03:00	413663	1-hr	104	102.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 04:00	413611	1-hr	187	185.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 16, 2023 04:00	413651	1-hr	119	117.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 04:00	413610	1-hr	106	104.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 16, 2023 04:00	413652	1-hr	129	127.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 16, 2023 04:00	413212	1-hr	239	237.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 16, 2023 04:00	413663	1-hr	204	202.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 16, 2023 04:00	413213	1-hr	182	180.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 05:00	413611	1-hr	248	245.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 05:00	413644	1-hr	161	159.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 16, 2023 05:00	413651	1-hr	233	230.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 05:00	413610	1-hr	225	223.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 16, 2023 05:00	413655	1-hr	149	146.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 16, 2023 05:00	413656	1-hr	151	148.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 16, 2023 05:00	413662	1-hr	125	123.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 16, 2023 05:00	413212	1-hr	205	203.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 16, 2023 05:00	413663	1-hr	89	87.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 16, 2023 05:00	413213	1-hr	164	162.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 16, 2023 06:00	413611	1-hr	177	175.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 06:00	413644	1-hr	147	144.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 16, 2023 06:00	413651	1-hr	139	137.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 06:00	413610	1-hr	184	181.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 16, 2023 06:00	413655	1-hr	82	79.9	nae
AAAQG	AMS21 Conklin	PM2.5	May 16, 2023 06:00	413656	1-hr	95	93.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 16, 2023 06:00	413662	1-hr	81	80.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 16, 2023 06:00	413212	1-hr	122	120.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 16, 2023 06:00	413213	1-hr	115	113.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 16, 2023 07:00	413644	1-hr	84	82.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 16, 2023 07:00	413610	1-hr	81	79.9	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 16, 2023 17:00	413648	1-hr	85	83.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 16, 2023 17:00	413649	1-hr	97	95.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 16, 2023 18:00	413648	1-hr	83	81.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 16, 2023 19:00	413652	1-hr	87	85.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 16, 2023 19:00	413663	1-hr	100	98.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 16, 2023 20:00	413662	1-hr	115	113.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 16, 2023 20:00	413663	1-hr	100	98.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 16, 2023 21:00	413662	1-hr	83	81.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 16, 2023 23:00	413655	1-hr	88	86.6	exc
AAAQO	AMS11 Lower Camp	H2S	May 18, 2023 24:00	413352	24-hr	4	4.0	exc
AAAQO	AMS11 Lower Camp	H2S	May 18, 2023 21:00	413352	1-hr	28	27.6	exc
AAAQO	AMS11 Lower Camp	SO2	May 18, 2023 21:00	413353	1-hr	199	198.7	exc
AAAQO	AMS11 Lower Camp	H2S	May 18, 2023 23:00	413352	1-hr	18	17.7	exc
AAAQO	AMS11 Lower Camp	H2S	May 18, 2023 24:00	413352	1-hr	29	28.6	exc
AAAQO	AMS11 Lower Camp	H2S	May 19, 2023 01:00	413359	1-hr	11	10.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 19, 2023 24:00	413610	24-hr	70	68.0	exc
AAAQO	AMS14 Anzac	PM2.5	May 19, 2023 24:00	413652	24-hr	49	47.3	exc
AAAQO	AMS17 Wapasu	PM2.5	May 19, 2023 24:00	413653	24-hr	39	37.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 19, 2023 24:00	413655	24-hr	77	75.7	exc
AAAQO	AMS21 Conklin	PM2.5	May 19, 2023 24:00	413656	24-hr	91	89.2	exc
AAAQO	AMS22 Janvier	PM2.5	May 19, 2023 24:00	413662	24-hr	56	54.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 19, 2023 24:00	413423	24-hr	69	67.1	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 19, 2023 24:00	413663	24-hr	49	47.4	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS30 Ells River	PM2.5	May 19, 2023 24:00	413425	24-hr	60	57.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 24:00	413611	24-hr	80	78.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 19, 2023 24:00	413644	24-hr	48	46.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 19, 2023 24:00	413648	24-hr	57	55.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 19, 2023 24:00	413649	24-hr	59	56.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 24:00	413650	24-hr	54	52.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 19, 2023 24:00	413651	24-hr	61	59.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 10:00	413650	1-hr	136	133.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 11:00	413650	1-hr	150	148.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 12:00	413650	1-hr	159	157.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 13:00	413650	1-hr	142	140.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 14:00	413611	1-hr	96	94.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 14:00	413650	1-hr	119	118.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 14:00	413610	1-hr	82	80.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 14:00	413423	1-hr	116	114.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 14:00	413425	1-hr	127	124.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 15:00	413650	1-hr	159	158.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 15:00	413610	1-hr	85	83.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 15:00	413423	1-hr	137	135.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 15:00	413425	1-hr	103	101.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 15:00	413611	1-hr	101	99.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 16:00	413649	1-hr	85	83.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 19, 2023 16:00	413650	1-hr	92	91.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 16:00	413651	1-hr	82	79.9	nae
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 16:00	413610	1-hr	99	97.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 16:00	413655	1-hr	97	96.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 16:00	413656	1-hr	88	86.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 16:00	413423	1-hr	138	135.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 16:00	413425	1-hr	109	107.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 16:00	413611	1-hr	111	109.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 19, 2023 16:00	413648	1-hr	107	105.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 17:00	413649	1-hr	122	120.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 17:00	413651	1-hr	99	97.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 17:00	413610	1-hr	109	107.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 17:00	413423	1-hr	157	156.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 17:00	413425	1-hr	128	126.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 17:00	413611	1-hr	133	131.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 19, 2023 17:00	413648	1-hr	114	111.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 19, 2023 18:00	413648	1-hr	81	78.7	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 18:00	413649	1-hr	101	99.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 18:00	413651	1-hr	116	115.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 18:00	413610	1-hr	126	123.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 19, 2023 18:00	413653	1-hr	85	83.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 18:00	413655	1-hr	154	152.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 18:00	413656	1-hr	148	146.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 19, 2023 18:00	413662	1-hr	166	164.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 18:00	413423	1-hr	210	208.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 18:00	413425	1-hr	144	142.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 18:00	413611	1-hr	161	159.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 19, 2023 19:00	413644	1-hr	83	81.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 19:00	413651	1-hr	173	171.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 19:00	413610	1-hr	143	140.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 19:00	413652	1-hr	95	92.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 19, 2023 19:00	413653	1-hr	89	86.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 19:00	413655	1-hr	184	182.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 19:00	413656	1-hr	190	188.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 19, 2023 19:00	413662	1-hr	178	176.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 19:00	413423	1-hr	229	227.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 19:00	413425	1-hr	218	217.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 19:00	413611	1-hr	230	228.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 19, 2023 20:00	413644	1-hr	111	108.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 20:00	413651	1-hr	220	218.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 20:00	413610	1-hr	250	248.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 20:00	413652	1-hr	97	95.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 19, 2023 20:00	413653	1-hr	129	127.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 20:00	413655	1-hr	194	192.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 20:00	413656	1-hr	242	240.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 19, 2023 20:00	413423	1-hr	193	191.4	exc
AAAQG	AMS30 Ells River	PM2.5	May 19, 2023 20:00	413425	1-hr	193	191.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 20:00	413611	1-hr	287	284.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 19, 2023 21:00	413644	1-hr	129	127.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 19, 2023 21:00	413648	1-hr	111	109.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 21:00	413649	1-hr	83	81.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 19, 2023 21:00	413651	1-hr	115	113.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 19, 2023 21:00	413610	1-hr	180	178.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 21:00	413652	1-hr	89	87.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 21:00	413655	1-hr	187	185.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 21:00	413656	1-hr	231	229.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 19, 2023 21:00	413663	1-hr	88	85.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 19, 2023 21:00	413611	1-hr	158	155.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 19, 2023 22:00	413648	1-hr	163	161.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 22:00	413649	1-hr	112	109.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 22:00	413652	1-hr	82	80.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 22:00	413655	1-hr	162	159.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 22:00	413656	1-hr	224	222.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 19, 2023 22:00	413663	1-hr	93	91.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 19, 2023 23:00	413649	1-hr	115	113.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 23:00	413652	1-hr	97	95.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 23:00	413655	1-hr	140	138.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 23:00	413656	1-hr	204	202.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 19, 2023 23:00	413662	1-hr	88	85.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 19, 2023 23:00	413663	1-hr	97	94.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 19, 2023 24:00	413652	1-hr	94	92.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 19, 2023 24:00	413655	1-hr	127	125.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 19, 2023 24:00	413656	1-hr	179	177.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 19, 2023 24:00	413662	1-hr	100	98.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 19, 2023 24:00	413663	1-hr	100	98.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 01:00	413655	1-hr	135	133.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 01:00	413656	1-hr	167	165.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 01:00	413662	1-hr	98	96.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 01:00	413663	1-hr	91	89.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 20, 2023 24:00	413644	24-hr	51	48.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 20, 2023 24:00	413649	24-hr	119	116.9	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 20, 2023 24:00	413651	24-hr	42	40.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 20, 2023 24:00	413610	24-hr	44	42.0	exc
AAAQO	AMS14 Anzac	PM2.5	May 20, 2023 24:00	413652	24-hr	167	165.6	exc
AAAQO	AMS17 Wapasu	PM2.5	May 20, 2023 24:00	413653	24-hr	44	42.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 20, 2023 24:00	413655	24-hr	275	273.0	exc
AAAQO	AMS21 Conklin	PM2.5	May 20, 2023 24:00	413656	24-hr	320	318.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 20, 2023 24:00	413611	24-hr	51	49.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 20, 2023 24:00	413648	24-hr	106	104.1	exc
AAAQO	AMS22 Janvier	PM2.5	May 20, 2023 24:00	413662	24-hr	261	259.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 20, 2023 24:00	413467	24-hr	37	35.1	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 20, 2023 24:00	413663	24-hr	206	204.6	exc
AAAQO	AMS30 Ells River	PM2.5	May 20, 2023 24:00	413468	24-hr	34	32.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 02:00	413655	1-hr	128	125.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 02:00	413656	1-hr	152	150.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 02:00	413662	1-hr	101	99.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 03:00	413655	1-hr	105	102.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 03:00	413656	1-hr	120	118.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 04:00	413656	1-hr	116	114.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 05:00	413656	1-hr	113	111.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 06:00	413656	1-hr	101	98.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 07:00	413656	1-hr	97	94.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 10:00	413655	1-hr	208	206.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 10:00	413656	1-hr	194	191.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 10:00	413662	1-hr	94	91.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 11:00	413655	1-hr	274	271.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 11:00	413656	1-hr	295	293.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 11:00	413662	1-hr	165	166.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 11:00	413663	1-hr	123	121.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 12:00	413652	1-hr	112	110.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 12:00	413655	1-hr	344	342.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 12:00	413656	1-hr	420	417.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 12:00	413662	1-hr	348	346.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 12:00	413663	1-hr	116	114.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 13:00	413655	1-hr	468	465.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 13:00	413656	1-hr	510	508.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 13:00	413662	1-hr	338	335.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 13:00	413663	1-hr	84	82.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 14:00	413655	1-hr	397	395.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 14:00	413656	1-hr	387	385.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 14:00	413662	1-hr	413	410.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 14:00	413663	1-hr	89	87.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 15:00	413652	1-hr	88	86.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 15:00	413655	1-hr	357	354.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 15:00	413656	1-hr	339	337.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 15:00	413662	1-hr	332	329.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 15:00	413663	1-hr	115	113.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 16:00	413649	1-hr	94	93.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 16:00	413652	1-hr	84	81.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 16:00	413655	1-hr	325	322.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 16:00	413656	1-hr	322	319.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 16:00	413662	1-hr	238	236.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 16:00	413663	1-hr	195	193.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 17:00	413648	1-hr	82	80.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 17:00	413649	1-hr	114	113.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 17:00	413652	1-hr	186	184.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 17:00	413655	1-hr	390	387.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 17:00	413656	1-hr	390	388.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 17:00	413662	1-hr	237	235.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 17:00	413663	1-hr	236	234.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 18:00	413649	1-hr	87	86.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 18:00	413652	1-hr	357	354.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 18:00	413655	1-hr	491	489.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 18:00	413656	1-hr	550	548.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 18:00	413662	1-hr	448	446.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 18:00	413663	1-hr	379	376.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 19:00	413648	1-hr	231	228.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 19:00	413649	1-hr	312	310.2	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 19:00	413652	1-hr	401	398.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 19:00	413655	1-hr	639	636.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 19:00	413656	1-hr	654	652.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 19:00	413662	1-hr	575	573.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 19:00	413663	1-hr	446	444.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 20:00	413648	1-hr	378	375.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 20:00	413649	1-hr	377	375.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 20:00	413652	1-hr	358	356.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 20:00	413655	1-hr	612	610.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 20:00	413656	1-hr	636	634.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 20:00	413662	1-hr	672	670.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 20:00	413663	1-hr	436	434.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 20, 2023 21:00	413644	1-hr	121	119.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 21:00	413648	1-hr	278	276.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 21:00	413649	1-hr	293	291.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 21:00	413652	1-hr	377	375.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 21:00	413655	1-hr	537	534.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 21:00	413656	1-hr	571	568.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 21:00	413662	1-hr	586	584.6	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 21:00	413663	1-hr	474	472.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 20, 2023 22:00	413611	1-hr	120	118.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 20, 2023 22:00	413644	1-hr	131	129.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 22:00	413648	1-hr	295	293.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 22:00	413649	1-hr	294	291.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 20, 2023 22:00	413651	1-hr	141	138.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 22:00	413652	1-hr	431	429.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 22:00	413655	1-hr	403	401.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 22:00	413656	1-hr	515	513.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 20, 2023 22:00	413467	1-hr	90	88.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 22:00	413662	1-hr	464	461.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 22:00	413663	1-hr	521	518.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 20, 2023 23:00	413611	1-hr	232	229.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 20, 2023 23:00	413644	1-hr	145	142.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 23:00	413648	1-hr	403	401.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 23:00	413649	1-hr	471	469.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 20, 2023 23:00	413651	1-hr	189	187.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 20, 2023 23:00	413610	1-hr	171	169.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 23:00	413652	1-hr	542	540.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 20, 2023 23:00	413653	1-hr	145	143.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 23:00	413655	1-hr	282	280.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 23:00	413656	1-hr	506	504.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 20, 2023 23:00	413467	1-hr	171	169.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 20, 2023 23:00	413468	1-hr	178	176.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 23:00	413662	1-hr	423	420.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 23:00	413663	1-hr	587	585.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 20, 2023 24:00	413611	1-hr	292	290.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 20, 2023 24:00	413644	1-hr	164	161.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 20, 2023 24:00	413648	1-hr	530	528.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 20, 2023 24:00	413649	1-hr	519	517.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 20, 2023 24:00	413651	1-hr	298	296.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 20, 2023 24:00	413610	1-hr	358	356.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 20, 2023 24:00	413652	1-hr	588	586.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 20, 2023 24:00	413653	1-hr	478	476.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 20, 2023 24:00	413655	1-hr	220	217.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 20, 2023 24:00	413656	1-hr	396	394.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 20, 2023 24:00	413467	1-hr	259	256.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 20, 2023 24:00	413468	1-hr	251	249.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 20, 2023 24:00	413662	1-hr	388	385.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 20, 2023 24:00	413663	1-hr	597	595.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 01:00	413611	1-hr	468	466.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 01:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 01:00	413648	1-hr	596	593.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 01:00	413649	1-hr	616	614.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 01:00	413651	1-hr	464	461.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 01:00	413610	1-hr	542	540.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 01:00	413652	1-hr	602	599.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 01:00	413653	1-hr	441	439.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 01:00	413655	1-hr	232	230.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 01:00	413656	1-hr	247	245.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 01:00	413500	1-hr	408	406.4	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 01:00	413501	1-hr	460	458.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 01:00	413662	1-hr	347	345.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 01:00	413663	1-hr	501	498.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 24:00	413611	24-hr	356	354.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 24:00	413644	24-hr	-	-	nae
AAAQO	AMS06 Patricia McInnes	PM2.5	May 21, 2023 24:00	413648	24-hr	326	324.9	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 21, 2023 24:00	413649	24-hr	332	330.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 24:00	413650	24-hr	249	247.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 21, 2023 24:00	413651	24-hr	314	312.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 21, 2023 24:00	413610	24-hr	368	366.8	exc
AAAQO	AMS14 Anzac	PM2.5	May 21, 2023 24:00	413652	24-hr	278	276.7	exc
AAAQO	AMS17 Wapasu	PM2.5	May 21, 2023 24:00	413653	24-hr	256	254.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS22 Janvier	PM2.5	May 21, 2023 24:00	413662	24-hr	223	221.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 21, 2023 24:00	413500	24-hr	329	327.1	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 21, 2023 24:00	413663	24-hr	245	243.7	exc
AAAQO	AMS30 Ells River	PM2.5	May 21, 2023 24:00	413501	24-hr	302	300.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 21, 2023 24:00	413655	24-hr	166	164.7	exc
AAAQO	AMS21 Conklin	PM2.5	May 21, 2023 24:00	413656	24-hr	194	192.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 02:00	413611	1-hr	557	554.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 02:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 02:00	413648	1-hr	599	596.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 02:00	413649	1-hr	603	601.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 02:00	413651	1-hr	491	489.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 02:00	413610	1-hr	579	577.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 02:00	413652	1-hr	531	528.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 02:00	413653	1-hr	386	384.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 02:00	413655	1-hr	222	219.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 02:00	413656	1-hr	229	227.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 02:00	413662	1-hr	342	340.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 02:00	413500	1-hr	504	502.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 02:00	413501	1-hr	512	510.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 02:00	413663	1-hr	466	464.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 03:00	413611	1-hr	535	533.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 03:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 03:00	413648	1-hr	531	529.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 03:00	413649	1-hr	523	521.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 03:00	413651	1-hr	437	435.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 03:00	413610	1-hr	585	582.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 03:00	413652	1-hr	443	440.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 03:00	413653	1-hr	347	345.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 03:00	413655	1-hr	188	186.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 03:00	413656	1-hr	211	209.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 03:00	413662	1-hr	360	358.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 03:00	413500	1-hr	505	502.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 03:00	413501	1-hr	447	444.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 03:00	413663	1-hr	400	398.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 04:00	413611	1-hr	516	514.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 04:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 04:00	413648	1-hr	449	447.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 04:00	413649	1-hr	482	480.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 04:00	413651	1-hr	419	416.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 04:00	413610	1-hr	550	548.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 04:00	413652	1-hr	353	351.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 04:00	413653	1-hr	389	386.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 04:00	413655	1-hr	166	164.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 04:00	413656	1-hr	199	197.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 04:00	413662	1-hr	327	324.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 04:00	413500	1-hr	459	457.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 04:00	413663	1-hr	382	379.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 04:00	413501	1-hr	416	414.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 05:00	413611	1-hr	506	503.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 05:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 05:00	413648	1-hr	426	424.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 05:00	413649	1-hr	454	451.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 05:00	413650	1-hr	125	123.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 05:00	413651	1-hr	381	378.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 05:00	413610	1-hr	504	501.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 05:00	413652	1-hr	359	357.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 05:00	413653	1-hr	417	414.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 05:00	413655	1-hr	152	150.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 05:00	413662	1-hr	324	321.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 05:00	413500	1-hr	432	429.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 05:00	413663	1-hr	389	388.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 05:00	413501	1-hr	415	413.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 05:00	413656	1-hr	200	198.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 06:00	413611	1-hr	490	488.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 06:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 06:00	413648	1-hr	409	407.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 06:00	413649	1-hr	444	442.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 06:00	413650	1-hr	269	267.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 06:00	413651	1-hr	384	382.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 06:00	413610	1-hr	474	472.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 06:00	413652	1-hr	365	363.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 06:00	413653	1-hr	387	385.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 06:00	413655	1-hr	129	127.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 06:00	413662	1-hr	401	399.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 06:00	413500	1-hr	403	400.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 06:00	413663	1-hr	397	395.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 06:00	413501	1-hr	350	348.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 06:00	413656	1-hr	208	206.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 07:00	413611	1-hr	430	428.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 07:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 07:00	413648	1-hr	406	403.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 07:00	413649	1-hr	434	432.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 07:00	413650	1-hr	362	360.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 07:00	413651	1-hr	397	395.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 07:00	413610	1-hr	466	464.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 07:00	413652	1-hr	378	376.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 07:00	413653	1-hr	329	327.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 07:00	413655	1-hr	111	108.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 07:00	413662	1-hr	377	375.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 07:00	413500	1-hr	416	414.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 07:00	413663	1-hr	385	382.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 07:00	413501	1-hr	331	328.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 07:00	413656	1-hr	192	189.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 08:00	413611	1-hr	416	414.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 08:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 08:00	413648	1-hr	404	402.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 08:00	413649	1-hr	444	442.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 08:00	413650	1-hr	407	405.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 08:00	413651	1-hr	375	373.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 08:00	413610	1-hr	440	438.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 08:00	413652	1-hr	364	362.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 08:00	413653	1-hr	267	264.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 08:00	413655	1-hr	93	91.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 08:00	413662	1-hr	379	377.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 08:00	413500	1-hr	405	403.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 08:00	413663	1-hr	352	350.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 08:00	413501	1-hr	347	345.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 08:00	413656	1-hr	176	174.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 09:00	413611	1-hr	405	403.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 09:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 09:00	413648	1-hr	398	396.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 09:00	413649	1-hr	412	410.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 09:00	413650	1-hr	415	413.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 09:00	413651	1-hr	369	367.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 09:00	413610	1-hr	406	404.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 09:00	413652	1-hr	302	300.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 09:00	413653	1-hr	213	211.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 09:00	413655	1-hr	100	97.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 09:00	413662	1-hr	374	372.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 09:00	413500	1-hr	389	387.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 09:00	413663	1-hr	263	260.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 09:00	413501	1-hr	344	341.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 09:00	413656	1-hr	137	135.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 10:00	413611	1-hr	372	370.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 10:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 10:00	413648	1-hr	364	362.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 10:00	413649	1-hr	359	356.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 10:00	413650	1-hr	399	397.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 10:00	413651	1-hr	327	324.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 10:00	413610	1-hr	379	377.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 10:00	413652	1-hr	262	260.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 10:00	413653	1-hr	193	191.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 10:00	413655	1-hr	110	108.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 10:00	413662	1-hr	253	250.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 10:00	413500	1-hr	362	359.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 10:00	413663	1-hr	242	240.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 10:00	413501	1-hr	321	318.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 10:00	413656	1-hr	115	112.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 11:00	413611	1-hr	350	347.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 11:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 11:00	413648	1-hr	321	319.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 11:00	413649	1-hr	317	314.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 11:00	413650	1-hr	371	368.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 11:00	413651	1-hr	287	285.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 11:00	413610	1-hr	338	336.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 11:00	413652	1-hr	223	221.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 11:00	413653	1-hr	189	187.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 11:00	413655	1-hr	131	128.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 11:00	413656	1-hr	116	113.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 11:00	413662	1-hr	148	146.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 11:00	413500	1-hr	332	330.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 11:00	413663	1-hr	195	193.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 11:00	413501	1-hr	257	255.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 12:00	413611	1-hr	316	314.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 12:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 12:00	413648	1-hr	285	283.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 12:00	413649	1-hr	268	266.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 12:00	413650	1-hr	338	336.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 12:00	413651	1-hr	262	260.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 12:00	413610	1-hr	314	312.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 12:00	413652	1-hr	205	203.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 12:00	413653	1-hr	198	195.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 12:00	413655	1-hr	156	154.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 12:00	413656	1-hr	133	131.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 12:00	413662	1-hr	115	113.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 12:00	413500	1-hr	293	291.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 12:00	413663	1-hr	191	188.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 12:00	413501	1-hr	250	248.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 13:00	413611	1-hr	287	284.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 13:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 13:00	413648	1-hr	274	272.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 13:00	413649	1-hr	254	252.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 13:00	413650	1-hr	282	280.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 13:00	413651	1-hr	242	240.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 13:00	413610	1-hr	291	288.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 13:00	413652	1-hr	224	221.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 13:00	413653	1-hr	212	210.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 13:00	413655	1-hr	184	182.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 13:00	413656	1-hr	155	153.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 13:00	413662	1-hr	118	117.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 13:00	413500	1-hr	266	264.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 13:00	413663	1-hr	166	164.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 13:00	413501	1-hr	241	239.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 14:00	413611	1-hr	271	269.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 14:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 14:00	413648	1-hr	252	250.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 14:00	413649	1-hr	241	240.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 14:00	413650	1-hr	264	261.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 14:00	413651	1-hr	243	242.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 14:00	413610	1-hr	282	280.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 14:00	413652	1-hr	236	235.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 14:00	413653	1-hr	219	217.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 14:00	413655	1-hr	193	192.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 14:00	413656	1-hr	167	166.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 14:00	413662	1-hr	142	141.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 14:00	413500	1-hr	264	262.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 14:00	413663	1-hr	157	155.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 14:00	413501	1-hr	243	241.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 15:00	413611	1-hr	285	283.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 15:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 15:00	413648	1-hr	245	244.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 15:00	413649	1-hr	248	247.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 15:00	413650	1-hr	251	248.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 15:00	413651	1-hr	258	257.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 15:00	413610	1-hr	305	304.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 15:00	413652	1-hr	209	208.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 15:00	413653	1-hr	210	209.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 15:00	413655	1-hr	218	217.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 15:00	413656	1-hr	184	182.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 15:00	413662	1-hr	139	138.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 15:00	413500	1-hr	268	267.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 15:00	413663	1-hr	156	155.4	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 15:00	413501	1-hr	235	234.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 16:00	413611	1-hr	295	293.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 16:00	413648	1-hr	251	249.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 16:00	413649	1-hr	259	258.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 16:00	413650	1-hr	251	249.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 16:00	413651	1-hr	267	266.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 16:00	413610	1-hr	307	306.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 16:00	413652	1-hr	199	197.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 16:00	413653	1-hr	218	217.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 16:00	413655	1-hr	233	232.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 16:00	413656	1-hr	245	244.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 16:00	413662	1-hr	138	136.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 16:00	413500	1-hr	261	260.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 16:00	413663	1-hr	144	143.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 16:00	413501	1-hr	253	251.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 17:00	413611	1-hr	281	280.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 17:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 17:00	413648	1-hr	251	249.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 17:00	413649	1-hr	240	239.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 17:00	413651	1-hr	252	250.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 17:00	413610	1-hr	286	284.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 17:00	413652	1-hr	190	189.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 17:00	413653	1-hr	221	219.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 17:00	413655	1-hr	222	221.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 17:00	413656	1-hr	230	229.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 17:00	413662	1-hr	139	138.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 17:00	413500	1-hr	280	278.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 17:00	413663	1-hr	144	142.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 17:00	413501	1-hr	266	265.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 17:00	413650	1-hr	277	277.3	late
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 18:00	413611	1-hr	262	260.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 18:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 18:00	413648	1-hr	229	228.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 18:00	413649	1-hr	223	222.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 18:00	413650	1-hr	297	295.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 18:00	413651	1-hr	237	236.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 18:00	413610	1-hr	278	277.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 18:00	413652	1-hr	179	178.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 18:00	413653	1-hr	229	227.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 18:00	413655	1-hr	201	199.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 18:00	413656	1-hr	221	219.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 18:00	413662	1-hr	129	128.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 18:00	413500	1-hr	284	283.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 18:00	413663	1-hr	150	149.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 18:00	413501	1-hr	246	245.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 19:00	413611	1-hr	261	260.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 19:00	413648	1-hr	206	204.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 19:00	413649	1-hr	202	201.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 19:00	413650	1-hr	285	282.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 19:00	413651	1-hr	233	232.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 19:00	413610	1-hr	263	262.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 19:00	413652	1-hr	181	180.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 19:00	413653	1-hr	221	220.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 19:00	413655	1-hr	198	196.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 19:00	413656	1-hr	216	215.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 19:00	413662	1-hr	128	126.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 19:00	413500	1-hr	266	264.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 19:00	413663	1-hr	144	142.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 19:00	413501	1-hr	222	221.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 20:00	413611	1-hr	252	250.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 20:00	413648	1-hr	197	195.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 20:00	413649	1-hr	193	192.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 20:00	413650	1-hr	275	272.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 20:00	413651	1-hr	235	234.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 20:00	413610	1-hr	255	253.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 20:00	413652	1-hr	186	184.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 20:00	413653	1-hr	191	189.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 20:00	413655	1-hr	203	200.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 20:00	413656	1-hr	234	232.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 20:00	413662	1-hr	127	126.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 20:00	413500	1-hr	262	261.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 20:00	413663	1-hr	136	134.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 20:00	413501	1-hr	226	224.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 21:00	413611	1-hr	245	243.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 21, 2023 21:00		1-hr	-	-	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 21:00	413648	1-hr	196	195.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 21:00	413649	1-hr	195	193.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 21:00	413650	1-hr	270	267.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 21:00	413651	1-hr	235	232.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 21:00	413610	1-hr	251	249.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 21:00	413652	1-hr	185	182.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 21:00	413653	1-hr	180	178.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 21:00	413655	1-hr	201	198.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 21:00	413656	1-hr	236	234.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 21:00	413662	1-hr	133	130.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 21:00	413500	1-hr	257	255.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 21:00	413663	1-hr	131	128.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 21:00	413501	1-hr	229	227.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 22:00	413611	1-hr	255	253.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 22:00	413648	1-hr	188	185.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 22:00	413649	1-hr	191	188.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 22:00	413650	1-hr	266	264.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 22:00	413651	1-hr	249	246.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 22:00	413610	1-hr	248	246.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 22:00	413652	1-hr	176	174.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 22:00	413653	1-hr	169	166.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 22:00	413655	1-hr	161	158.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 22:00	413656	1-hr	206	203.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 22:00	413662	1-hr	136	134.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 22:00	413500	1-hr	194	192.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 22:00	413663	1-hr	129	127.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 22:00	413501	1-hr	222	220.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 23:00	413611	1-hr	253	250.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 23:00	413648	1-hr	183	181.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 23:00	413649	1-hr	181	179.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 23:00	413650	1-hr	263	261.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 23:00	413651	1-hr	253	250.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 23:00	413610	1-hr	249	246.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 23:00	413652	1-hr	167	165.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 23:00	413653	1-hr	164	161.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 23:00	413655	1-hr	108	105.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 23:00	413656	1-hr	209	207.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 23:00	413662	1-hr	136	133.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 23:00	413500	1-hr	175	173.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 23:00	413663	1-hr	129	126.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 23:00	413501	1-hr	222	219.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 21, 2023 24:00	413611	1-hr	245	243.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 21, 2023 24:00	413648	1-hr	174	172.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 21, 2023 24:00	413649	1-hr	175	173.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 21, 2023 24:00	413650	1-hr	260	257.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 21, 2023 24:00	413651	1-hr	238	236.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 21, 2023 24:00	413610	1-hr	248	246.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 21, 2023 24:00	413652	1-hr	160	158.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 21, 2023 24:00	413653	1-hr	147	145.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 21, 2023 24:00	413655	1-hr	83	80.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 21, 2023 24:00	413656	1-hr	191	189.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 21, 2023 24:00	413662	1-hr	144	141.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 21, 2023 24:00	413500	1-hr	205	203.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 21, 2023 24:00	413663	1-hr	139	137.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 21, 2023 24:00	413501	1-hr	205	202.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 01:00	413942	1-hr	205	203.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 01:00	413943	1-hr	144	141.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 01:00	413944	1-hr	170	168.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 22, 2023 01:00	413945	1-hr	245	243.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 01:00	413946	1-hr	227	225.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 01:00	413947	1-hr	244	242.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 01:00	413948	1-hr	154	152.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 01:00	413949	1-hr	148	146.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 01:00	413950	1-hr	174	171.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 01:00	413951	1-hr	150	147.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 01:00	413534	1-hr	235	233.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 01:00	413952	1-hr	136	134.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 01:00	413535	1-hr	185	182.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 24:00	413942	24-hr	109	107.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 22, 2023 24:00		24-hr	-	-	nae
AAAQO	AMS06 Patricia McInnes	PM2.5	May 22, 2023 24:00	413943	24-hr	135	133.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 22, 2023 24:00	413944	24-hr	132	130.9	exc
AAAQO	AMS21 Conklin	PM2.5	May 22, 2023 24:00	413950	24-hr	227	225.1	exc
AAAQO	AMS22 Janvier	PM2.5	May 22, 2023 24:00	413951	24-hr	179	176.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 22, 2023 24:00	413534	24-hr	90	87.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 22, 2023 24:00	413945	24-hr	38	37.2	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 22, 2023 24:00	413947	24-hr	115	112.9	exc
AAAQO	AMS14 Anzac	PM2.5	May 22, 2023 24:00	413948	24-hr	134	132.6	exc
AAAQO	AMS17 Wapasu	PM2.5	May 22, 2023 24:00	413949	24-hr	111	109.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 22, 2023 24:00	413953	24-hr	211	208.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 22, 2023 24:00	413952	24-hr	124	122.1	exc
AAAQO	AMS30 Ells River	PM2.5	May 22, 2023 24:00	413535	24-hr	81	79.5	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 22, 2023 24:00	413946	24-hr	99	97.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 02:00	413942	1-hr	227	224.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 02:00	413943	1-hr	149	147.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 02:00	413944	1-hr	163	160.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 22, 2023 02:00	413945	1-hr	201	199.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 02:00	413946	1-hr	216	213.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 02:00	413947	1-hr	236	234.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 02:00	413949	1-hr	161	159.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 02:00	413950	1-hr	164	162.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 02:00	413951	1-hr	152	149.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 02:00	413534	1-hr	263	261.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 02:00	413952	1-hr	138	135.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 02:00	413535	1-hr	207	204.7	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 02:00	413948	1-hr	158	156.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 03:00	413942	1-hr	248	246.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 03:00	413943	1-hr	154	152.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 03:00	413944	1-hr	165	163.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 22, 2023 03:00	413945	1-hr	137	135.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 03:00	413946	1-hr	228	226.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 03:00	413947	1-hr	240	238.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 03:00	413949	1-hr	192	189.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 03:00	413953	1-hr	85	83.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 03:00	413950	1-hr	158	155.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 03:00	413951	1-hr	160	157.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 03:00	413534	1-hr	270	268.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 03:00	413952	1-hr	130	127.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 03:00	413535	1-hr	231	229.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 03:00	413948	1-hr	159	156.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 04:00	413942	1-hr	258	256.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 04:00	413943	1-hr	145	143.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 04:00	413944	1-hr	139	136.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 22, 2023 04:00	413945	1-hr	89	87.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 04:00	413946	1-hr	239	236.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 04:00	413947	1-hr	254	251.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 04:00	413949	1-hr	212	210.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 04:00	413953	1-hr	121	119.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 04:00	413950	1-hr	145	143.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 04:00	413951	1-hr	156	154.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 04:00	413534	1-hr	283	280.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 04:00	413952	1-hr	123	121.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 04:00	413535	1-hr	247	245.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 04:00	413948	1-hr	151	149.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 05:00	413942	1-hr	271	268.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 05:00	413943	1-hr	198	196.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 05:00	413944	1-hr	135	132.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 05:00	413946	1-hr	253	250.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 05:00	413947	1-hr	287	284.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 05:00	413948	1-hr	151	148.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 05:00	413949	1-hr	204	202.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 05:00	413953	1-hr	89	86.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 05:00	413950	1-hr	133	130.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 05:00	413951	1-hr	152	150.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 05:00	413534	1-hr	262	260.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 05:00	413952	1-hr	115	113.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 05:00	413535	1-hr	247	245.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 06:00	413942	1-hr	241	238.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 06:00	413943	1-hr	247	245.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 06:00	413944	1-hr	145	142.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 06:00	413946	1-hr	241	238.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 06:00	413947	1-hr	284	282.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 06:00	413948	1-hr	144	141.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 06:00	413949	1-hr	214	212.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 06:00	413953	1-hr	87	85.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 06:00	413950	1-hr	125	122.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 06:00	413951	1-hr	143	141.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 06:00	413534	1-hr	185	183.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 06:00	413952	1-hr	111	108.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 06:00	413535	1-hr	178	176.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 07:00	413942	1-hr	171	168.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 07:00	413943	1-hr	249	247.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 07:00	413944	1-hr	196	193.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 07:00	413946	1-hr	161	159.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 07:00	413947	1-hr	196	194.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 07:00	413948	1-hr	124	122.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 07:00	413949	1-hr	212	209.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 07:00	413953	1-hr	123	121.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 07:00	413950	1-hr	156	153.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 07:00	413951	1-hr	137	134.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 22, 2023 07:00	413534	1-hr	105	103.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 07:00	413952	1-hr	117	114.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 22, 2023 07:00	413535	1-hr	120	118.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 08:00	413942	1-hr	133	130.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 08:00	413943	1-hr	259	256.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 08:00	413944	1-hr	256	254.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 08:00	413946	1-hr	122	120.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 08:00	413947	1-hr	157	155.1	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 08:00	413948	1-hr	125	123.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 08:00	413949	1-hr	222	220.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 08:00	413953	1-hr	121	119.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 08:00	413950	1-hr	148	146.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 08:00	413951	1-hr	136	134.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 08:00	413952	1-hr	136	134.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 09:00	413942	1-hr	99	96.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 09:00	413943	1-hr	259	257.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 09:00	413944	1-hr	262	260.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 09:00	413946	1-hr	88	85.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 09:00	413947	1-hr	115	113.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 09:00	413948	1-hr	137	135.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 09:00	413949	1-hr	219	217.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 09:00	413953	1-hr	150	148.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 09:00	413950	1-hr	152	150.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 09:00	413951	1-hr	141	138.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 09:00	413952	1-hr	140	138.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 10:00	413942	1-hr	92	90.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 10:00	413943	1-hr	233	231.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 10:00	413944	1-hr	243	241.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 10:00	413947	1-hr	97	95.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 10:00	413948	1-hr	176	173.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 10:00	413949	1-hr	191	188.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 10:00	413953	1-hr	178	176.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 10:00	413950	1-hr	178	176.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 10:00	413951	1-hr	154	152.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 10:00	413952	1-hr	147	147.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 11:00	413942	1-hr	95	92.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 11:00	413943	1-hr	195	192.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 11:00	413944	1-hr	211	208.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 22, 2023 11:00	413946	1-hr	80	78.4	nae
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 11:00	413948	1-hr	196	194.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 11:00	413949	1-hr	149	146.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 11:00	413953	1-hr	172	169.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 11:00	413950	1-hr	170	168.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 11:00	413951	1-hr	151	148.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 11:00	413947	1-hr	95	93.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 11:00	413952	1-hr	158	156.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 22, 2023 12:00	413942	1-hr	85	82.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 12:00	413943	1-hr	141	139.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 12:00	413944	1-hr	154	152.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 12:00	413948	1-hr	203	201.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 12:00	413949	1-hr	131	129.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 12:00	413953	1-hr	174	172.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 12:00	413950	1-hr	168	166.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 12:00	413951	1-hr	152	150.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 12:00	413952	1-hr	174	172.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 13:00	413943	1-hr	127	125.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 13:00	413944	1-hr	130	128.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 13:00	413948	1-hr	215	213.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 13:00	413949	1-hr	99	96.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 13:00	413953	1-hr	180	177.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 13:00	413950	1-hr	181	179.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 13:00	413951	1-hr	155	152.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 13:00	413952	1-hr	190	187.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 14:00	413943	1-hr	137	135.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 14:00	413944	1-hr	142	139.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 14:00	413948	1-hr	203	200.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 14:00	413953	1-hr	193	191.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 14:00	413950	1-hr	196	194.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 14:00	413951	1-hr	191	189.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 14:00	413952	1-hr	192	190.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 15:00	413943	1-hr	109	107.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 15:00	413944	1-hr	115	-	ret
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 15:00	413948	1-hr	175	173.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 15:00	413953	1-hr	207	205.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 15:00	413950	1-hr	211	209.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 15:00	413951	1-hr	194	192.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 15:00	413952	1-hr	183	181.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 16:00	413944	1-hr	97	95.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 16:00	413948	1-hr	177	175.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 16:00	413953	1-hr	209	206.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 16:00	413950	1-hr	210	208.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 16:00	413951	1-hr	189	187.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 16:00	413952	1-hr	168	165.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 17:00	413948	1-hr	144	142.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 17:00	413953	1-hr	201	199.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 17:00	413950	1-hr	205	202.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 17:00	413951	1-hr	173	171.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 17:00	413952	1-hr	169	167.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 18:00	413948	1-hr	146	144.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 18:00	413953	1-hr	186	184.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 18:00	413950	1-hr	187	185.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 18:00	413951	1-hr	177	175.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 18:00	413952	1-hr	156	154.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 22, 2023 19:00	413948	1-hr	203	201.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 19:00	413953	1-hr	206	204.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 19:00	413950	1-hr	208	205.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 19:00	413951	1-hr	134	131.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 19:00	413952	1-hr	90	87.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 20:00	413943	1-hr	103	101.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 20:00	413944	1-hr	152	150.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 20:00	413953	1-hr	255	253.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 20:00	413950	1-hr	248	246.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 20:00	413951	1-hr	123	120.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 22, 2023 21:00	413943	1-hr	139	137.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 22, 2023 21:00	413944	1-hr	120	118.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 21:00	413953	1-hr	305	306.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 21:00	413950	1-hr	329	327.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 21:00	413951	1-hr	163	161.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 22, 2023 22:00	413949	1-hr	87	84.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 22:00	413953	1-hr	583	581.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 22:00	413950	1-hr	580	578.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 22:00	413951	1-hr	293	291.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 22, 2023 23:00	413947	1-hr	88	86.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 23:00	413953	1-hr	584	581.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 23:00	413950	1-hr	542	539.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 23:00	413951	1-hr	367	365.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 22, 2023 24:00	413953	1-hr	493	491.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 22, 2023 24:00	413950	1-hr	480	478.4	exc
AAAQG	AMS22 Janvier	PM2.5	May 22, 2023 24:00	413951	1-hr	342	340.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 22, 2023 24:00	413952	1-hr	101	99.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 01:00	413953	1-hr	592	589.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 23, 2023 01:00	413950	1-hr	596	593.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 01:00	413951	1-hr	307	304.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 24:00	413942	24-hr	74	72.5	exc
AAAQO	AMS14 Anzac	PM2.5	May 23, 2023 24:00	413948	24-hr	103	101.0	exc
AAAQO	AMS17 Wapasu	PM2.5	May 23, 2023 24:00	413949	24-hr	66	63.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 23, 2023 24:00	413953	24-hr	144	142.1	exc
AAAQO	AMS21 Conklin	PM2.5	May 23, 2023 24:00	413950	24-hr	129	-	ret
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 24:00	413954	24-hr	55	-	ret
AAAQO	AMS06 Patricia McInnes	PM2.5	May 23, 2023 24:00	413943	24-hr	92	90.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 23, 2023 24:00	413944	24-hr	65	70.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 24:00	413945	24-hr	142	140.9	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 23, 2023 24:00	413946	24-hr	55	51.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 23, 2023 24:00	413947	24-hr	77	75.3	exc
AAAQO	AMS22 Janvier	PM2.5	May 23, 2023 24:00	413951	24-hr	138	135.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 23, 2023 24:00	413633	24-hr	71	69.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 23, 2023 24:00	413952	24-hr	99	97.1	exc
AAAQO	AMS30 Ells River	PM2.5	May 23, 2023 24:00	413634	24-hr	61	59.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 02:00	413948	1-hr	99	96.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 02:00	413953	1-hr	758	756.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 23, 2023 02:00	413950	1-hr	728	725.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 02:00	413951	1-hr	347	344.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 02:00	413952	1-hr	125	123.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 03:00	413948	1-hr	138	136.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 03:00	413953	1-hr	603	601.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 23, 2023 03:00	413950	1-hr	593	591.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 03:00	413951	1-hr	443	441.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 03:00	413952	1-hr	150	148.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 04:00	413948	1-hr	136	134.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 04:00	413953	1-hr	359	357.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 23, 2023 04:00	413950	1-hr	345	346.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 04:00	413951	1-hr	454	451.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 04:00	413952	1-hr	211	209.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 05:00	413943	1-hr	111	108.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 05:00	413948	1-hr	156	153.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 05:00	413953	1-hr	258	256.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 05:00	413951	1-hr	409	408.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 05:00	413944	1-hr	89	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 05:00	413952	1-hr	258	256.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 06:00	413943	1-hr	147	145.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 06:00	413948	1-hr	192	189.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 06:00	413953	1-hr	177	175.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 06:00	413951	1-hr	347	344.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 06:00	413952	1-hr	286	284.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 07:00	413943	1-hr	157	154.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 07:00	413948	1-hr	228	225.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 07:00	413953	1-hr	166	164.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 07:00	413951	1-hr	205	203.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 07:00	413952	1-hr	274	272.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 08:00	413943	1-hr	160	158.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 08:00	413947	1-hr	87	85.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 08:00	413948	1-hr	227	224.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 08:00	413953	1-hr	165	163.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 08:00	413951	1-hr	188	185.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 08:00	413952	1-hr	231	229.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 09:00	413942	1-hr	102	100.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 09:00	413943	1-hr	177	175.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 09:00	413947	1-hr	110	108.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 09:00	413948	1-hr	194	192.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 23, 2023 09:00	413953	1-hr	109	107.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 09:00	413951	1-hr	195	192.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 09:00	413952	1-hr	138	136.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 09:00	413944	1-hr	148	146.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 10:00	413942	1-hr	114	112.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 10:00	413943	1-hr	177	175.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 10:00	413947	1-hr	121	119.0	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 10:00	413948	1-hr	157	155.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 23, 2023 10:00	413951	1-hr	113	111.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 10:00	413952	1-hr	113	111.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 10:00	413944	1-hr	151	149.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 11:00	413942	1-hr	114	111.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 11:00	413943	1-hr	188	186.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 11:00	413947	1-hr	126	124.6	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 11:00	413948	1-hr	148	146.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 11:00	413633	1-hr	84	81.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 11:00	413952	1-hr	116	114.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 11:00	413634	1-hr	84	81.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 11:00	413944	1-hr	165	162.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 11:00	413946	1-hr	84	81.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 12:00	413942	1-hr	122	120.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 12:00	413954	1-hr	126	124.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 12:00	413943	1-hr	195	193.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 12:00	413947	1-hr	132	129.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 12:00	413948	1-hr	160	158.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 12:00	413949	1-hr	88	86.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 12:00	413633	1-hr	90	87.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 23, 2023 12:00	413952	1-hr	98	96.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 12:00	413634	1-hr	88	86.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 12:00	413944	1-hr	176	173.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 12:00	413946	1-hr	91	88.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 13:00	413942	1-hr	141	139.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 13:00	413954	1-hr	162	159.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 13:00	413943	1-hr	180	178.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 13:00	413947	1-hr	165	163.2	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 13:00	413948	1-hr	138	136.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 13:00	413949	1-hr	98	96.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 13:00	413633	1-hr	112	110.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 13:00	413634	1-hr	115	113.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 13:00	413944	1-hr	150	148.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 14:00	413942	1-hr	156	154.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 14:00	413954	1-hr	133	131.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 14:00	413943	1-hr	160	158.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 14:00	413947	1-hr	193	190.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 14:00	413948	1-hr	115	112.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 14:00	413633	1-hr	119	116.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 14:00	413634	1-hr	130	127.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 14:00	413944	1-hr	141	139.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 15:00	413942	1-hr	178	176.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 15:00	413954	1-hr	103	100.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 15:00	413947	1-hr	205	202.9	exc
AAAQG	AMS14 Anzac	PM2.5	May 23, 2023 15:00	413948	1-hr	109	106.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 15:00	413949	1-hr	145	142.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 15:00	413633	1-hr	122	119.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 15:00	413634	1-hr	153	151.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 15:00	413943	1-hr	132	129.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 15:00	413944	1-hr	108	106.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 15:00	413946	1-hr	179	177.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 16:00	413942	1-hr	176	174.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 16:00	413954	1-hr	95	93.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 16:00	413947	1-hr	158	156.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 16:00	413949	1-hr	243	241.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 16:00	413633	1-hr	196	194.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 16:00	413634	1-hr	187	185.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 16:00	413943	1-hr	104	101.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 23, 2023 16:00	413944	1-hr	87	85.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 16:00	413946	1-hr	167	165.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 17:00	413942	1-hr	138	135.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 23, 2023 17:00	413954	1-hr	85	82.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 17:00	413947	1-hr	135	133.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 17:00	413949	1-hr	185	182.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 17:00	413633	1-hr	217	215.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 17:00	413634	1-hr	137	135.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 23, 2023 17:00	413943	1-hr	89	86.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 17:00	413946	1-hr	108	106.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 18:00	413942	1-hr	106	104.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 18:00	413945	1-hr	201	199.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 18:00	413947	1-hr	106	104.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 18:00	413949	1-hr	110	107.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 18:00	413633	1-hr	183	181.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 23, 2023 18:00	413634	1-hr	109	107.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 23, 2023 18:00	413946	1-hr	82	79.8	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 23, 2023 19:00	413942	1-hr	83	81.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 19:00	413945	1-hr	261	259.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 23, 2023 19:00	413947	1-hr	85	83.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 19:00	413949	1-hr	116	114.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 23, 2023 19:00	413633	1-hr	89	86.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 20:00	413945	1-hr	501	498.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 23, 2023 20:00	413949	1-hr	90	88.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 21:00	413945	1-hr	659	657.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 22:00	413945	1-hr	808	806.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 23:00	413945	1-hr	543	541.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 23, 2023 24:00	413945	1-hr	269	267.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 24, 2023 01:00	413945	1-hr	83	81.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 24, 2023 24:00	413945	1-hr	86	84.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 25, 2023 24:00	413943	24-hr	40	37.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 25, 2023 24:00	413944	24-hr	33	30.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 25, 2023 24:00	413946	24-hr	39	37.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 25, 2023 24:00	413947	24-hr	52	49.8	exc
AAAQO	AMS14 Anzac	PM2.5	May 25, 2023 24:00	413948	24-hr	32	30.3	exc
AAAQO	AMS17 Wapasu	PM2.5	May 25, 2023 24:00	413949	24-hr	34	32.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 25, 2023 24:00	413755	24-hr	46	43.7	exc
AAAQO	AMS30 Ells River	PM2.5	May 25, 2023 24:00	413756	24-hr	40	38.2	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 25, 2023 24:00	413942	24-hr	53	50.8	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 25, 2023 24:00	413954	24-hr	35	33.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 24:00	413945	24-hr	82	80.0	exc
AAAQO	AMS21 Conklin	PM2.5	May 25, 2023 24:00	413950	24-hr	30	28.0	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 11:00	413945	1-hr	108	106.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 12:00	413945	1-hr	125	122.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 13:00	413945	1-hr	128	126.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 14:00	413945	1-hr	127	125.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 15:00	413945	1-hr	112	109.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 16:00	413945	1-hr	101	99.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 17:00	413945	1-hr	91	88.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 25, 2023 17:00	413947	1-hr	82	80.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 18:00	413945	1-hr	81	78.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 19:00	413945	1-hr	86	83.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 25, 2023 20:00	413945	1-hr	85	83.0	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 26, 2023 24:00	413942	24-hr	44	-	ret
AAAQO	AMS06 Patricia McInnes	PM2.5	May 26, 2023 24:00	413943	24-hr	30	28.2	nae
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 26, 2023 24:00	413945	24-hr	41	39.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 26, 2023 24:00	413946	24-hr	29	27.9	nae
AAAQO	AMS21 Conklin	PM2.5	May 26, 2023 24:00	413950	24-hr	36	34.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 26, 2023 24:00	413814	24-hr	32	30.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 26, 2023 24:00	413947	24-hr	38	36.5	exc
AAAQG	AMS21 Conklin	PM2.5	May 26, 2023 20:00	413950	1-hr	124	122.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 26, 2023 21:00	413950	1-hr	115	113.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 27, 2023 24:00	413942	24-hr	39	-	ret
AAAQO	AMS21 Conklin	PM2.5	May 27, 2023 24:00	413950	24-hr	30	28.1	nae
AAAQO	AMS13 Fort McKay South	PM2.5	May 27, 2023 24:00	413947	24-hr	30	28.7	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS11 Lower Camp	H2S	May 27, 2023 20:00	413835	1-hr	13	13.0	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 28, 2023 24:00	413942	24-hr	40	-	ret
AAAQO	AMS13 Fort McKay South	PM2.5	May 28, 2023 24:00	413947	24-hr	31	29.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 28, 2023 24:00	413873	24-hr	40	38.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 24:00	413945	24-hr	58	57.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 19:00	413945	1-hr	208	206.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 20:00	413945	1-hr	202	200.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 21:00	413945	1-hr	122	120.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 28, 2023 21:00	413873	1-hr	143	142.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 22:00	413945	1-hr	162	160.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 28, 2023 22:00	413873	1-hr	181	178.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 28, 2023 23:00	413942	1-hr	83	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 23:00	413945	1-hr	158	156.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 28, 2023 23:00	413947	1-hr	112	110.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 28, 2023 23:00	413949	1-hr	113	111.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 28, 2023 23:00	413873	1-hr	155	152.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 28, 2023 23:00	413877	1-hr	82	80.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 28, 2023 23:00	413954	1-hr	82	80.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 28, 2023 24:00	413942	1-hr	100	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 28, 2023 24:00	413945	1-hr	130	128.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 28, 2023 24:00	413946	1-hr	91	89.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 28, 2023 24:00	413947	1-hr	124	122.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 28, 2023 24:00	413949	1-hr	121	118.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 28, 2023 24:00	413873	1-hr	126	124.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 28, 2023 24:00	413877	1-hr	95	93.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 01:00	414290	1-hr	105	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 01:00	414291	1-hr	108	105.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 01:00	414292	1-hr	100	97.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 01:00	414293	1-hr	131	129.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 01:00	414294	1-hr	116	114.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 01:00	413929	1-hr	147	145.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 01:00	413930	1-hr	105	102.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 01:00	414295	1-hr	80	78.5	nae
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 24:00	414295	24-hr	39	37.4	exc
AAAQO	AMS17 Wapasu	PM2.5	May 29, 2023 24:00	414294	24-hr	85	83.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 29, 2023 24:00	413929	24-hr	86	87.1	exc
AAAQO	AMS30 Ells River	PM2.5	May 29, 2023 24:00	413930	24-hr	64	62.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 24:00	414290	24-hr	76	-	ret
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 24:00	414291	24-hr	111	108.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 29, 2023 24:00	414292	24-hr	70	68.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 29, 2023 24:00	414293	24-hr	73	71.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 02:00	414290	1-hr	92	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 02:00	414295	1-hr	93	90.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 02:00	414291	1-hr	80	78.4	nae
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 02:00	414292	1-hr	110	108.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 02:00	414293	1-hr	126	124.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 02:00	414294	1-hr	107	105.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 02:00	413929	1-hr	157	155.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 02:00	413930	1-hr	95	93.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 03:00	414290	1-hr	100	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 03:00	414295	1-hr	87	85.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 03:00	414292	1-hr	107	105.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 03:00	414293	1-hr	124	122.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 03:00	414294	1-hr	124	121.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 03:00	413930	1-hr	111	109.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 03:00	413929	1-hr	136	134.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 04:00	414290	1-hr	107	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 04:00	414295	1-hr	82	79.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 04:00	414291	1-hr	177	175.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 04:00	414292	1-hr	106	104.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 04:00	414293	1-hr	133	131.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 04:00	414294	1-hr	138	136.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 04:00	413929	1-hr	158	156.5	exc



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Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 04:00	413930	1-hr	123	120.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 05:00	414290	1-hr	108	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 05:00	414295	1-hr	87	85.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 05:00	414291	1-hr	254	251.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 05:00	414292	1-hr	109	106.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 05:00	414293	1-hr	136	134.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 05:00	414294	1-hr	143	141.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 05:00	413929	1-hr	161	159.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 05:00	413930	1-hr	131	129.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 06:00	414290	1-hr	104	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 06:00	414295	1-hr	84	82.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 06:00	414291	1-hr	181	179.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 06:00	414292	1-hr	113	111.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 06:00	414293	1-hr	137	135.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 06:00	414294	1-hr	132	130.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 06:00	413929	1-hr	152	150.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 06:00	413930	1-hr	119	116.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 07:00	414291	1-hr	171	169.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 07:00	414292	1-hr	122	120.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 07:00	414293	1-hr	146	144.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 07:00	414294	1-hr	122	120.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 07:00	413929	1-hr	130	127.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 07:00	413930	1-hr	116	113.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 07:00	414290	1-hr	109	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 08:00	414291	1-hr	139	137.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 08:00	414292	1-hr	124	121.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 08:00	414293	1-hr	145	142.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 08:00	414294	1-hr	150	148.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 08:00	413929	1-hr	111	108.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 08:00	413930	1-hr	107	105.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 08:00	414290	1-hr	110	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 09:00	414291	1-hr	120	118.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 09:00	414292	1-hr	115	113.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 09:00	414293	1-hr	160	158.4	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 09:00	414294	1-hr	132	129.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 09:00	413929	1-hr	101	99.2	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 09:00	413930	1-hr	96	93.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 09:00	414290	1-hr	102	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 10:00	414291	1-hr	111	109.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 10:00	414292	1-hr	91	89.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 10:00	414293	1-hr	88	87.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 10:00	414294	1-hr	102	100.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 10:00	413930	1-hr	83	81.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 10:00	414290	1-hr	98	-	ret
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 10:00	413929	1-hr	87	85.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 12:00	414291	1-hr	87	84.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 13:00	414291	1-hr	107	105.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 17:00	414291	1-hr	116	114.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 18:00	414291	1-hr	144	143.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 19:00	414291	1-hr	94	92.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 22:00	414290	1-hr	84	-	ret
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 22:00	414292	1-hr	93	90.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 22:00	414294	1-hr	202	200.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 22:00	413929	1-hr	140	138.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 23:00	414290	1-hr	107	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 23:00	414295	1-hr	96	94.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 29, 2023 23:00	414291	1-hr	132	129.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 23:00	414292	1-hr	165	162.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 23:00	414294	1-hr	146	144.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 23:00	413929	1-hr	165	162.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 23:00	413930	1-hr	80	78.6	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 29, 2023 24:00	414290	1-hr	110	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 29, 2023 24:00	414295	1-hr	152	149.8	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	May 29, 2023 24:00	414292	1-hr	160	158.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 29, 2023 24:00	414293	1-hr	135	133.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 29, 2023 24:00	414294	1-hr	222	219.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 29, 2023 24:00	413929	1-hr	215	212.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 29, 2023 24:00	413930	1-hr	85	83.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 01:00	414290	1-hr	127	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 01:00	414295	1-hr	170	168.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 30, 2023 01:00	414296	1-hr	84	81.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 01:00	414292	1-hr	192	189.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 01:00	414293	1-hr	155	152.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 01:00	414294	1-hr	244	242.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 01:00	414013	1-hr	208	205.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 01:00	414014	1-hr	87	85.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 24:00	414290	24-hr	80	-	ret
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 24:00	414295	24-hr	75	73.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 30, 2023 24:00	414296	24-hr	49	47.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 30, 2023 24:00	414292	24-hr	80	78.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 30, 2023 24:00	414293	24-hr	83	81.9	exc
AAAQO	AMS17 Wapasu	PM2.5	May 30, 2023 24:00	414294	24-hr	159	157.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 30, 2023 24:00	414298	24-hr	39	37.3	exc
AAAQO	AMS21 Conklin	PM2.5	May 30, 2023 24:00	414297	24-hr	71	69.4	exc
AAAQO	AMS22 Janvier	PM2.5	May 30, 2023 24:00	414299	24-hr	171	175.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 30, 2023 24:00	414013	24-hr	108	106.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 30, 2023 24:00	414300	24-hr	43	41.9	exc
AAAQO	AMS30 Ells River	PM2.5	May 30, 2023 24:00	414014	24-hr	69	68.0	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 24:00	414291	24-hr	117	115.6	exc
AAAQO	AMS30 Ells River	TSP	May 30, 2023 24:00	414779	24-hr	114	114.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 02:00	414290	1-hr	108	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 02:00	414295	1-hr	191	188.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 30, 2023 02:00	414296	1-hr	111	108.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 02:00	414292	1-hr	194	191.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 02:00	414293	1-hr	178	176.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 02:00	414294	1-hr	372	370.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 02:00	414013	1-hr	159	157.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 02:00	414014	1-hr	100	97.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 03:00	414290	1-hr	106	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 03:00	414295	1-hr	175	172.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 30, 2023 03:00	414296	1-hr	126	124.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 03:00	414292	1-hr	162	160.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 03:00	414293	1-hr	180	177.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 03:00	414294	1-hr	420	418.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 03:00	414013	1-hr	148	145.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 03:00	414014	1-hr	110	108.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 04:00	414290	1-hr	107	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 04:00	414295	1-hr	146	144.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 30, 2023 04:00	414296	1-hr	151	148.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 04:00	414291	1-hr	82	80.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 04:00	414292	1-hr	134	132.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 04:00	414293	1-hr	132	130.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 04:00	414294	1-hr	322	320.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 04:00	414013	1-hr	116	114.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 04:00	414014	1-hr	99	97.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 05:00	414290	1-hr	89	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 05:00	414295	1-hr	126	123.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 30, 2023 05:00	414296	1-hr	136	133.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 05:00	414291	1-hr	90	87.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 05:00	414292	1-hr	112	110.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 05:00	414293	1-hr	116	113.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 05:00	414294	1-hr	252	250.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 05:00	414013	1-hr	113	110.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 05:00	414014	1-hr	97	95.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 06:00	414290	1-hr	94	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 06:00	414295	1-hr	112	110.2	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 06:00	414291	1-hr	106	104.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 06:00	414292	1-hr	110	108.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 06:00	414293	1-hr	100	98.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 06:00	414294	1-hr	224	221.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 06:00	414013	1-hr	110	108.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 06:00	414014	1-hr	90	87.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 07:00	414290	1-hr	82	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 07:00	414295	1-hr	109	107.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 07:00	414291	1-hr	137	135.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 07:00	414292	1-hr	91	89.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 07:00	414293	1-hr	100	98.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 07:00	414294	1-hr	250	247.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 07:00	414013	1-hr	109	107.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 07:00	414014	1-hr	85	83.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 08:00	414290	1-hr	88	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 08:00	414295	1-hr	139	137.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 08:00	414291	1-hr	201	199.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 08:00	414292	1-hr	86	84.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 08:00	414293	1-hr	123	120.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 08:00	414294	1-hr	237	235.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 08:00	414013	1-hr	121	119.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 08:00	414014	1-hr	93	90.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 09:00	414290	1-hr	110	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 09:00	414291	1-hr	242	239.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 09:00	414292	1-hr	116	113.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 09:00	414293	1-hr	149	147.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 09:00	414294	1-hr	204	202.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 09:00	414013	1-hr	196	194.1	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 09:00	414014	1-hr	119	116.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 10:00	414290	1-hr	112	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 30, 2023 10:00	414295	1-hr	89	87.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 10:00	414291	1-hr	91	89.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 10:00	414292	1-hr	138	136.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 10:00	414293	1-hr	189	187.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 10:00	414294	1-hr	197	196.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 10:00	414013	1-hr	204	201.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 10:00	414014	1-hr	163	161.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 11:00	414290	1-hr	110	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 11:00	414291	1-hr	82	80.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 11:00	414292	1-hr	136	135.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 11:00	414293	1-hr	163	161.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 11:00	414294	1-hr	112	111.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 11:00	414013	1-hr	165	163.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 11:00	414014	1-hr	138	136.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 12:00	414293	1-hr	92	91.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 12:00	414013	1-hr	105	104.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 13:00	414291	1-hr	117	114.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 14:00	414291	1-hr	138	136.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 14:00	414297	1-hr	152	150.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 15:00	414291	1-hr	97	95.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 30, 2023 15:00	414298	1-hr	90	89.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 15:00	414297	1-hr	207	206.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 15:00	414299	1-hr	105	103.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 16:00	414297	1-hr	104	102.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 16:00	414299	1-hr	182	180.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 17:00	414299	1-hr	277	276.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 18:00	414297	1-hr	103	101.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 18:00	414299	1-hr	479	477.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 30, 2023 18:00	414300	1-hr	199	198.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 30, 2023 19:00	414298	1-hr	125	123.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 19:00	414297	1-hr	195	193.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 19:00	414299	1-hr	526	524.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 30, 2023 19:00	414300	1-hr	450	449.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 20:00	414291	1-hr	129	126.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 30, 2023 20:00	414298	1-hr	191	188.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 20:00	414297	1-hr	238	235.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 20:00	414299	1-hr	510	513.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 21:00	414291	1-hr	308	306.6	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 21:00	414297	1-hr	248	246.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 21:00	414299	1-hr	492	490.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 22:00	414291	1-hr	188	186.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 22:00	414294	1-hr	165	163.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 30, 2023 22:00	414297	1-hr	125	123.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 22:00	414299	1-hr	423	421.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 22:00	414013	1-hr	193	190.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 23:00	414291	1-hr	187	185.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 23:00	414294	1-hr	225	223.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 23:00	414299	1-hr	313	311.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 23:00	414013	1-hr	233	230.9	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 23:00	414014	1-hr	146	144.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 30, 2023 24:00	414290	1-hr	84	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 30, 2023 24:00	414291	1-hr	208	206.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 30, 2023 24:00	414292	1-hr	80	78.5	nae
AAAQG	AMS13 Fort McKay South	PM2.5	May 30, 2023 24:00	414293	1-hr	83	81.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 30, 2023 24:00	414294	1-hr	244	241.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 30, 2023 24:00	414299	1-hr	306	304.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 30, 2023 24:00	414013	1-hr	165	163.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 30, 2023 24:00	414014	1-hr	94	91.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 01:00	414290	1-hr	91	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 01:00	414291	1-hr	399	397.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 01:00	414292	1-hr	102	100.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 01:00	414293	1-hr	106	103.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 01:00	414294	1-hr	230	227.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 01:00	414299	1-hr	297	295.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 01:00	414070	1-hr	222	219.6	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 01:00	414071	1-hr	80	78.5	nae
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 24:00	414290	24-hr	68	-	ret
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 24:00	414295	24-hr	57	55.3	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	May 31, 2023 24:00	414296	24-hr	52	50.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	May 31, 2023 24:00	414289	24-hr	49	47.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 24:00	414291	24-hr	147	145.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	May 31, 2023 24:00	414292	24-hr	53	51.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	May 31, 2023 24:00	414293	24-hr	69	67.2	exc
AAAQO	AMS14 Anzac	PM2.5	May 31, 2023 24:00	414301	24-hr	57	55.0	exc
AAAQO	AMS17 Wapasu	PM2.5	May 31, 2023 24:00	414294	24-hr	134	132.6	exc
AAAQO	AMS18 Stony Mountain	PM2.5	May 31, 2023 24:00	414298	24-hr	129	127.3	exc
AAAQO	AMS21 Conklin	PM2.5	May 31, 2023 24:00	414297	24-hr	127	125.9	exc
AAAQO	AMS22 Janvier	PM2.5	May 31, 2023 24:00	414299	24-hr	186	184.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	May 31, 2023 24:00	414070	24-hr	62	60.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	May 31, 2023 24:00	414300	24-hr	76	74.8	exc
AAAQO	AMS30 Ells River	PM2.5	May 31, 2023 24:00	414071	24-hr	44	42.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 02:00	414291	1-hr	365	363.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 02:00	414294	1-hr	256	254.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 02:00	414298	1-hr	110	108.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 02:00	414299	1-hr	307	305.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 02:00	414070	1-hr	116	113.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 03:00	414291	1-hr	249	247.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 03:00	414294	1-hr	251	249.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 03:00	414298	1-hr	121	119.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 03:00	414299	1-hr	297	295.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 03:00	414070	1-hr	174	171.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 04:00	414291	1-hr	244	241.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 04:00	414294	1-hr	246	244.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 04:00	414298	1-hr	125	123.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 04:00	414299	1-hr	292	290.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 04:00	414070	1-hr	81	79.1	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 05:00	414291	1-hr	217	215.3	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 05:00	414294	1-hr	223	221.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 05:00	414298	1-hr	116	114.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 05:00	414299	1-hr	240	237.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 06:00	414291	1-hr	218	216.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 06:00	414294	1-hr	232	230.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 06:00	414298	1-hr	96	93.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 06:00	414299	1-hr	175	172.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 07:00	414291	1-hr	210	208.1	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 07:00	414294	1-hr	220	218.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 07:00	414298	1-hr	118	116.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 07:00	414299	1-hr	122	120.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 08:00	414291	1-hr	231	229.5	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 08:00	414294	1-hr	139	136.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 08:00	414298	1-hr	119	117.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 08:00	414297	1-hr	84	82.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 08:00	414299	1-hr	114	112.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 09:00	414291	1-hr	316	313.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 09:00	414298	1-hr	146	144.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 09:00	414297	1-hr	166	164.5	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 09:00	414299	1-hr	140	138.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 10:00	414291	1-hr	277	275.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 10:00	414298	1-hr	151	149.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 10:00	414297	1-hr	176	173.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 10:00	414299	1-hr	174	172.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 11:00	414291	1-hr	102	101.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 11:00	414298	1-hr	154	153.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 11:00	414297	1-hr	174	173.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 11:00	414299	1-hr	131	129.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 12:00	414298	1-hr	154	153.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 12:00	414297	1-hr	203	202.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 12:00	414299	1-hr	126	124.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 12:00	414300	1-hr	90	89.4	exc
AAAQG	AMS14 Anzac	PM2.5	May 31, 2023 13:00	414301	1-hr	119	117.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 13:00	414298	1-hr	203	201.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 13:00	414297	1-hr	224	222.9	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 13:00	414299	1-hr	144	143.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 13:00	414300	1-hr	108	107.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 14:00	414295	1-hr	111	110.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 31, 2023 14:00	414301	1-hr	149	148.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 14:00	414298	1-hr	183	181.3	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 14:00	414297	1-hr	207	205.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 14:00	414299	1-hr	151	149.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 14:00	414300	1-hr	156	155.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 15:00	414290	1-hr	91	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 15:00	414295	1-hr	97	95.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 31, 2023 15:00	414296	1-hr	116	115.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 31, 2023 15:00	414289	1-hr	126	124.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 15:00	414292	1-hr	86	85.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 15:00	414293	1-hr	158	157.5	exc
AAAQG	AMS14 Anzac	PM2.5	May 31, 2023 15:00	414301	1-hr	179	177.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 15:00	414298	1-hr	168	166.2	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 15:00	414297	1-hr	172	170.7	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 15:00	414299	1-hr	175	173.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 15:00	414300	1-hr	169	167.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 16:00	414290	1-hr	110	-	ret
AAAQG	AMS06 Patricia McInnes	PM2.5	May 31, 2023 16:00	414296	1-hr	173	171.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 31, 2023 16:00	414289	1-hr	160	159.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 16:00	414292	1-hr	130	129.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 16:00	414293	1-hr	146	145.3	exc
AAAQG	AMS14 Anzac	PM2.5	May 31, 2023 16:00	414301	1-hr	180	178.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 16:00	414298	1-hr	143	141.9	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 16:00	414297	1-hr	147	145.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 16:00	414299	1-hr	184	183.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 16:00	414300	1-hr	144	142.7	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 16:00	414071	1-hr	116	114.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 17:00	414290	1-hr	82	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 17:00	414295	1-hr	117	115.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 31, 2023 17:00	414296	1-hr	180	178.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 31, 2023 17:00	414289	1-hr	161	160.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 17:00	414292	1-hr	92	90.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 17:00	414293	1-hr	109	107.8	exc
AAAQG	AMS14 Anzac	PM2.5	May 31, 2023 17:00	414301	1-hr	176	174.8	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 17:00	414294	1-hr	131	130.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 17:00	414298	1-hr	98	97.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 17:00	414297	1-hr	137	136.0	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 17:00	414299	1-hr	180	178.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 17:00	414070	1-hr	114	113.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 17:00	414300	1-hr	143	142.0	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 17:00	414071	1-hr	91	89.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 18:00	414295	1-hr	150	149.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 31, 2023 18:00	414296	1-hr	198	197.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 31, 2023 18:00	414289	1-hr	186	185.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 18:00	414292	1-hr	94	93.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 18:00	414293	1-hr	139	138.6	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 18:00	414294	1-hr	143	141.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 18:00	414298	1-hr	132	130.7	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 18:00	414297	1-hr	157	156.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 18:00	414299	1-hr	186	185.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 18:00	414070	1-hr	93	91.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 18:00	414300	1-hr	155	153.5	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 18:00	414071	1-hr	91	90.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 19:00	414290	1-hr	94	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 19:00	414295	1-hr	148	147.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	May 31, 2023 19:00	414296	1-hr	160	158.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	May 31, 2023 19:00	414289	1-hr	107	106.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 19:00	414292	1-hr	140	139.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 19:00	414293	1-hr	175	174.2	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 19:00	414294	1-hr	191	190.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 19:00	414298	1-hr	139	137.8	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 19:00	414297	1-hr	128	126.6	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 19:00	414299	1-hr	202	200.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 19:00	414070	1-hr	92	91.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 19:00	414300	1-hr	148	145.8	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 19:00	414071	1-hr	118	116.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	May 31, 2023 20:00	414290	1-hr	94	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 20:00	414295	1-hr	162	161.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 20:00	414292	1-hr	148	147.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 20:00	414293	1-hr	169	167.9	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 20:00	414294	1-hr	200	199.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 20:00	414298	1-hr	166	164.0	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 20:00	414297	1-hr	180	178.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	May 31, 2023 20:00	414070	1-hr	107	105.8	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 20:00	414299	1-hr	217	215.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	May 31, 2023 20:00	414300	1-hr	119	117.3	exc
AAAQG	AMS30 Ells River	PM2.5	May 31, 2023 20:00	414071	1-hr	124	123.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	May 31, 2023 21:00	414295	1-hr	116	114.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	May 31, 2023 21:00	414292	1-hr	99	98.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	May 31, 2023 21:00	414293	1-hr	106	104.7	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 21:00	414294	1-hr	190	188.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 21:00	414298	1-hr	188	186.1	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 21:00	414297	1-hr	223	221.2	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 21:00	414299	1-hr	207	205.0	exc
AAAQG	AMS17 Wapasu	PM2.5	May 31, 2023 22:00	414294	1-hr	149	146.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	May 31, 2023 22:00	414298	1-hr	130	128.4	exc
AAAQG	AMS21 Conklin	PM2.5	May 31, 2023 22:00	414297	1-hr	174	172.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 22:00	414299	1-hr	189	186.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 23:00	414291	1-hr	188	188.3	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 23:00	414299	1-hr	111	109.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	May 31, 2023 24:00	414291	1-hr	177	177.1	exc
AAAQG	AMS22 Janvier	PM2.5	May 31, 2023 24:00	414299	1-hr	94	91.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 01:00	414291	1-hr	120	117.7	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 1, 2023 24:00		24-hr	57	0.0	nae
AAAQO	AMS23 Fort Hills	PM2.5	Jun 1, 2023 24:00	414127	24-hr	78	76.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 1, 2023 24:00	414295	24-hr	43	41.4	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 1, 2023 24:00	414296	24-hr	41	39.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 1, 2023 24:00	414289	24-hr	37	35.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 24:00	414291	24-hr	177	175.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 1, 2023 24:00	414292	24-hr	79	77.2	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 1, 2023 24:00	414293	24-hr	73	71.4	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 1, 2023 24:00	414301	24-hr	35	33.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 1, 2023 24:00	414294	24-hr	77	75.3	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 1, 2023 24:00	414298	24-hr	34	32.6	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 1, 2023 24:00	414297	24-hr	37	35.5	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 1, 2023 24:00	414299	24-hr	41	39.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 1, 2023 24:00	414300	24-hr	30	28.1	nae
AAAQO	AMS30 Ells River	PM2.5	Jun 1, 2023 24:00	414128	24-hr	59	57.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Jun 1, 2023 24:00	416981	30-day	94	93.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 02:00	414291	1-hr	100	98.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 03:00	414291	1-hr	81	79.0	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 04:00	414291	1-hr	104	103.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 05:00	414291	1-hr	142	139.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 06:00	414291	1-hr	155	152.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 07:00	414291	1-hr	198	196.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 08:00	414291	1-hr	214	212.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 09:00	414291	1-hr	221	219.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 1, 2023 09:00	414293	1-hr	89	87.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 1, 2023 10:00	414290	1-hr	85	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 10:00	414291	1-hr	314	312.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 11:00	414291	1-hr	413	411.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 12:00	414291	1-hr	232	230.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 13:00	414291	1-hr	160	157.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 14:00	414291	1-hr	233	231.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 15:00	414291	1-hr	327	326.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 16:00	414291	1-hr	171	170.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 17:00	414291	1-hr	131	130.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 18:00	414294	1-hr	96	94.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 18:00	414127	1-hr	92	91.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 18:00	414291	1-hr	136	135.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 19:00	414294	1-hr	87	86.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 19:00	414127	1-hr	83	82.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 19:00	414291	1-hr	103	101.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 20:00	414294	1-hr	90	87.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 21:00	414294	1-hr	147	144.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 21:00	414127	1-hr	251	250.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 1, 2023 21:00	414128	1-hr	89	88.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 1, 2023 21:00	414292	1-hr	103	101.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 22:00	414291	1-hr	129	128.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 22:00	414294	1-hr	215	212.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 22:00	414127	1-hr	299	297.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 1, 2023 22:00	414128	1-hr	152	150.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 1, 2023 22:00	414292	1-hr	282	279.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 1, 2023 22:00	414293	1-hr	116	113.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 23:00	414291	1-hr	194	192.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 23:00	414294	1-hr	153	151.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 23:00	414127	1-hr	142	139.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 1, 2023 23:00	414128	1-hr	156	154.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 1, 2023 23:00	414292	1-hr	297	295.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 1, 2023 23:00	414293	1-hr	158	156.3	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 1, 2023 24:00	414291	1-hr	250	248.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 1, 2023 24:00	414294	1-hr	107	104.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 1, 2023 24:00	414127	1-hr	89	87.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 1, 2023 24:00	414128	1-hr	87	85.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 1, 2023 24:00	414292	1-hr	253	251.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 1, 2023 24:00	414293	1-hr	213	210.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 01:00	414291	1-hr	260	257.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 01:00	414293	1-hr	237	235.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 01:00	414294	1-hr	94	92.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 01:00	414168	1-hr	85	83.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 01:00	414169	1-hr	81	78.7	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 01:00	414295	1-hr	82	80.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 01:00	414292	1-hr	155	152.7	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 2, 2023 24:00	414301	24-hr	88	86.5	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 2, 2023 24:00	414294	24-hr	121	119.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 24:00	414298	24-hr	88	86.4	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 2, 2023 24:00	414297	24-hr	101	99.0	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 2, 2023 24:00	414299	24-hr	91	89.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 2, 2023 24:00	414168	24-hr	145	143.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 2, 2023 24:00	414300	24-hr	80	78.5	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 2, 2023 24:00	414169	24-hr	138	136.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 24:00	414290	24-hr	80	-	ret
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 24:00	414295	24-hr	138	136.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 24:00	414289	24-hr	103	101.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 24:00	414291	24-hr	198	195.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 2, 2023 24:00	414292	24-hr	138	136.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 24:00	414293	24-hr	171	170.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 24:00	414296	24-hr	129	127.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 02:00	414291	1-hr	345	343.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 02:00	414293	1-hr	178	176.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 02:00	414294	1-hr	93	91.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 02:00	414168	1-hr	91	89.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 02:00	414169	1-hr	87	85.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 02:00	414295	1-hr	157	155.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 02:00	414292	1-hr	136	134.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 03:00	414291	1-hr	384	381.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 03:00	414293	1-hr	162	160.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 03:00	414294	1-hr	92	89.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 03:00	414168	1-hr	98	95.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 03:00	414169	1-hr	91	89.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 03:00	414295	1-hr	162	160.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 03:00	414292	1-hr	146	144.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 04:00	414295	1-hr	148	145.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 04:00	414291	1-hr	482	479.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 04:00	414293	1-hr	136	134.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 04:00	414294	1-hr	96	94.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 04:00	414168	1-hr	89	87.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 04:00	414169	1-hr	90	88.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 04:00	414292	1-hr	95	93.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 05:00	414295	1-hr	117	114.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 05:00	414291	1-hr	503	501.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 05:00	414293	1-hr	115	113.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 05:00	414294	1-hr	122	120.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 05:00	414299	1-hr	83	81.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 05:00	414300	1-hr	94	91.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 05:00	414296	1-hr	141	139.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 06:00	414295	1-hr	97	95.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 06:00	414291	1-hr	478	475.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 06:00	414293	1-hr	104	101.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 06:00	414301	1-hr	80	78.4	nae
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 06:00	414294	1-hr	152	149.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 06:00	414298	1-hr	94	92.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 06:00	414297	1-hr	104	102.3	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 06:00	414299	1-hr	106	103.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 06:00	414300	1-hr	118	116.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 06:00	414296	1-hr	144	142.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 06:00	414289	1-hr	111	109.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 07:00	414295	1-hr	114	112.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 07:00	414291	1-hr	352	350.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 07:00	414293	1-hr	87	84.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 07:00	414294	1-hr	189	186.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 07:00	414298	1-hr	104	102.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 07:00	414297	1-hr	111	109.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 07:00	414299	1-hr	131	129.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 07:00	414300	1-hr	101	99.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 07:00	414296	1-hr	122	119.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 07:00	414289	1-hr	128	126.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 08:00	414291	1-hr	294	291.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 08:00	414293	1-hr	90	88.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 08:00	414301	1-hr	96	94.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 08:00	414294	1-hr	200	198.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 08:00	414298	1-hr	110	108.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 08:00	414297	1-hr	125	122.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 08:00	414299	1-hr	124	122.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 08:00	414296	1-hr	115	113.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 08:00	414289	1-hr	113	111.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 09:00	414295	1-hr	154	152.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 09:00	414291	1-hr	259	257.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 09:00	414293	1-hr	150	148.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 09:00	414301	1-hr	115	113.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 09:00	414294	1-hr	160	158.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 09:00	414298	1-hr	113	111.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 09:00	414297	1-hr	120	117.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 09:00	414299	1-hr	115	113.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 09:00	414168	1-hr	192	189.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 09:00	414300	1-hr	83	81.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 09:00	414169	1-hr	168	166.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 09:00	414296	1-hr	152	149.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 09:00	414289	1-hr	117	115.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 09:00	414292	1-hr	80	78.3	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 10:00	414295	1-hr	173	171.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 10:00	414296	1-hr	155	153.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 10:00	414291	1-hr	202	200.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 10:00	414293	1-hr	275	273.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 10:00	414301	1-hr	114	111.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 10:00	414294	1-hr	150	148.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 10:00	414298	1-hr	80	78.3	nae
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 10:00	414297	1-hr	92	90.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 10:00	414299	1-hr	89	86.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 10:00	414168	1-hr	244	242.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 10:00	414169	1-hr	285	283.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 10:00	414289	1-hr	140	138.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 10:00	414292	1-hr	202	200.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 10:00	414300	1-hr	90	87.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 11:00	414295	1-hr	147	145.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 11:00	414296	1-hr	139	138.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 11:00	414291	1-hr	164	162.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 11:00	414293	1-hr	233	232.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 11:00	414301	1-hr	146	143.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 11:00	414294	1-hr	153	151.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 11:00	414298	1-hr	84	81.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 11:00	414297	1-hr	94	92.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 11:00	414299	1-hr	91	88.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 11:00	414168	1-hr	264	263.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 11:00	414169	1-hr	208	207.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 11:00	414289	1-hr	128	126.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 11:00	414292	1-hr	233	232.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 11:00	414300	1-hr	104	102.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 12:00	414295	1-hr	178	177.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 12:00	414296	1-hr	146	144.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 12:00	414291	1-hr	165	163.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 12:00	414293	1-hr	224	222.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 12:00	414301	1-hr	136	134.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 12:00	414294	1-hr	158	156.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 12:00	414298	1-hr	104	102.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 12:00	414297	1-hr	115	113.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 12:00	414299	1-hr	98	96.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 12:00	414168	1-hr	257	255.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 12:00	414169	1-hr	216	215.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 12:00	414289	1-hr	126	125.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 12:00	414292	1-hr	219	218.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 12:00	414300	1-hr	107	104.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 13:00	414295	1-hr	190	189.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 13:00	414296	1-hr	144	143.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 13:00	414289	1-hr	119	118.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 13:00	414291	1-hr	148	146.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 13:00	414292	1-hr	235	233.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 13:00	414293	1-hr	226	224.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 13:00	414301	1-hr	127	126.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 13:00	414294	1-hr	156	154.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 13:00	414298	1-hr	130	128.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 13:00	414297	1-hr	135	133.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 13:00	414299	1-hr	105	104.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 13:00	414168	1-hr	306	305.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 13:00	414300	1-hr	111	109.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 13:00	414169	1-hr	236	234.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 14:00	414295	1-hr	181	180.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 14:00	414296	1-hr	145	144.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 14:00	414289	1-hr	112	111.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 14:00	414291	1-hr	106	103.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 14:00	414292	1-hr	237	236.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 14:00	414293	1-hr	227	226.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 14:00	414301	1-hr	120	119.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 14:00	414294	1-hr	157	156.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 14:00	414298	1-hr	116	114.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 14:00	414297	1-hr	137	136.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 14:00	414299	1-hr	112	111.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 14:00	414168	1-hr	310	309.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 14:00	414300	1-hr	96	95.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 14:00	414169	1-hr	220	219.0	exc
AAAQO	AMS04 Buffalo Viewpoint	O3	Jun 2, 2023 14:00	417239	1-hr	77	77.0	late
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 15:00	414295	1-hr	167	166.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 15:00	414296	1-hr	170	169.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 15:00	414289	1-hr	135	134.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 15:00	414291	1-hr	92	89.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 15:00	414292	1-hr	252	251.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 15:00	414293	1-hr	266	265.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 15:00	414301	1-hr	109	108.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 15:00	414294	1-hr	167	166.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 15:00	414297	1-hr	103	102.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 15:00	414299	1-hr	108	107.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 15:00	414168	1-hr	292	290.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 15:00	414300	1-hr	96	95.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 15:00	414169	1-hr	256	254.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 15:00	414290	1-hr	254	252.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	O3	Jun 2, 2023 15:00	417240	1-hr	77	76.6	late
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 16:00	414295	1-hr	181	180.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 16:00	414289	1-hr	160	159.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 16:00	414292	1-hr	232	231.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 16:00	414293	1-hr	281	280.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 16:00	414294	1-hr	150	148.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 16:00	414297	1-hr	109	107.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 16:00	414299	1-hr	105	104.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 16:00	414168	1-hr	251	249.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 16:00	414169	1-hr	260	258.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 16:00	414290	1-hr	248	247.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 16:00	414300	1-hr	92	90.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 16:00	414296	1-hr	197	196.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 17:00	414295	1-hr	204	203.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 17:00	414289	1-hr	153	152.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 2, 2023 17:00	414291	1-hr	84	82.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 17:00	414292	1-hr	213	211.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 17:00	414293	1-hr	270	269.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 17:00	414294	1-hr	129	127.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 17:00	414297	1-hr	103	101.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 17:00	414299	1-hr	105	104.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 17:00	414168	1-hr	189	188.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 17:00	414169	1-hr	230	229.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 17:00	414290	1-hr	234	232.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 17:00	414300	1-hr	82	81.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 17:00	414296	1-hr	191	190.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 18:00	414295	1-hr	197	195.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 18:00	414289	1-hr	162	161.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 18:00	414292	1-hr	142	141.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 18:00	414293	1-hr	208	206.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 18:00	414301	1-hr	101	99.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 18:00	414294	1-hr	116	115.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 18:00	414298	1-hr	86	85.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 18:00	414297	1-hr	103	102.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 18:00	414299	1-hr	101	100.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 18:00	414168	1-hr	128	126.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 18:00	414300	1-hr	87	85.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 18:00	414169	1-hr	145	144.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 18:00	414290	1-hr	155	154.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 18:00	414296	1-hr	194	193.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 19:00	414290	1-hr	124	123.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 19:00	414295	1-hr	152	151.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 19:00	414289	1-hr	165	163.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 19:00	414292	1-hr	119	118.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 19:00	414293	1-hr	156	154.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 19:00	414301	1-hr	100	99.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 2, 2023 19:00	414294	1-hr	98	97.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 19:00	414298	1-hr	97	96.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 19:00	414297	1-hr	111	109.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 19:00	414299	1-hr	100	99.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 19:00	414168	1-hr	104	103.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 2, 2023 19:00	414300	1-hr	87	86.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 19:00	414169	1-hr	117	116.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 19:00	414296	1-hr	197	196.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 20:00	414290	1-hr	94	92.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 20:00	414295	1-hr	112	111.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 20:00	414289	1-hr	142	141.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 2, 2023 20:00	414292	1-hr	87	86.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 20:00	414293	1-hr	127	126.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 20:00	414301	1-hr	100	98.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 20:00	414298	1-hr	98	95.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 20:00	414297	1-hr	108	106.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 20:00	414299	1-hr	98	96.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 2, 2023 20:00	414168	1-hr	85	84.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 2, 2023 20:00	414169	1-hr	90	89.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 20:00	414296	1-hr	178	177.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 2, 2023 21:00	414290	1-hr	81	79.9	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 21:00	414295	1-hr	96	95.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 21:00	414289	1-hr	101	100.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 21:00	414293	1-hr	100	99.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 21:00	414301	1-hr	93	91.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 21:00	414298	1-hr	100	98.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 21:00	414297	1-hr	120	118.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 21:00	414299	1-hr	87	84.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 21:00	414296	1-hr	122	121.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 2, 2023 22:00	414295	1-hr	88	86.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 2, 2023 22:00	414289	1-hr	84	83.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 22:00	414293	1-hr	95	93.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 2, 2023 22:00	414301	1-hr	85	83.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 22:00	414298	1-hr	98	96.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 22:00	414297	1-hr	103	101.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 2, 2023 22:00	414299	1-hr	81	79.2	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 22:00	414296	1-hr	105	102.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 2, 2023 23:00	414293	1-hr	88	86.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 23:00	414298	1-hr	87	85.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 23:00	414297	1-hr	100	98.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 2, 2023 23:00	414296	1-hr	86	84.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 2, 2023 24:00	414298	1-hr	82	80.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 2, 2023 24:00	414297	1-hr	97	95.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 3, 2023 01:00	414298	1-hr	85	83.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 01:00	414297	1-hr	102	100.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 3, 2023 01:00	414299	1-hr	80	78.6	nae
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 3, 2023 24:00	414295	24-hr	31	30.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 3, 2023 24:00	414292	24-hr	35	33.2	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 3, 2023 24:00	414293	24-hr	44	42.7	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 3, 2023 24:00	414298	24-hr	35	33.3	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 3, 2023 24:00	414297	24-hr	41	39.9	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 3, 2023 24:00	414299	24-hr	32	30.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 3, 2023 24:00	414200	24-hr	40	38.5	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 3, 2023 24:00	414201	24-hr	36	34.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 3, 2023 24:00	414290	24-hr	36	34.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 3, 2023 24:00	414296	24-hr	37	35.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 3, 2023 24:00	414291	24-hr	48	46.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 3, 2023 02:00	414298	1-hr	84	82.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 02:00	414297	1-hr	95	93.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 3, 2023 03:00	414298	1-hr	84	82.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 03:00	414297	1-hr	89	87.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 04:00	414297	1-hr	85	82.9	exc
AAAQO	AMS506 Jackfish 1	H2S	Jun 3, 2023 04:00	414172	1-hr	10	10.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 05:00	414297	1-hr	82	80.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 3, 2023 06:00	414291	1-hr	88	86.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 3, 2023 06:00	414297	1-hr	81	79.6	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 3, 2023 19:00	414291	1-hr	81	79.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 3, 2023 20:00	414291	1-hr	87	79.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 24:00	414729	24-hr	69	67.6	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 7, 2023 24:00	414736	24-hr	38	36.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 7, 2023 24:00	414732	24-hr	33	31.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 7, 2023 24:00	414428	24-hr	35	33.9	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 7, 2023 24:00	414429	24-hr	41	40.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 24:00	414730	24-hr	48	46.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 24:00	414731	24-hr	56	54.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 24:00	414733	24-hr	40	38.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 24:00	414734	24-hr	44	43.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 7, 2023 24:00	414728	24-hr	46	45.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 14:00	414728	1-hr	88	87.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 14:00	414729	1-hr	115	113.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 7, 2023 14:00	414428	1-hr	150	148.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 7, 2023 14:00	414429	1-hr	147	146.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 14:00	414730	1-hr	96	95.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 15:00	414731	1-hr	87	85.7	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 15:00	414728	1-hr	102	101.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 15:00	414729	1-hr	144	143.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 7, 2023 15:00	414428	1-hr	159	157.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 7, 2023 15:00	414429	1-hr	123	121.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 15:00	414730	1-hr	108	107.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 16:00	414731	1-hr	107	106.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 16:00	414728	1-hr	116	114.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 16:00	414729	1-hr	155	153.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 7, 2023 16:00	414732	1-hr	105	104.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 7, 2023 16:00	414428	1-hr	95	93.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 7, 2023 16:00	414429	1-hr	110	109.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 16:00	414730	1-hr	121	119.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 17:00	414731	1-hr	129	128.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 17:00	414728	1-hr	99	97.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 17:00	414729	1-hr	140	139.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 7, 2023 17:00	414732	1-hr	116	114.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 7, 2023 17:00	414428	1-hr	86	85.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 7, 2023 17:00	414429	1-hr	97	96.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 17:00	414730	1-hr	104	103.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 18:00	414731	1-hr	119	117.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 18:00	414728	1-hr	96	95.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 18:00	414729	1-hr	142	141.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 7, 2023 18:00	414732	1-hr	100	99.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 7, 2023 18:00	414429	1-hr	95	93.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 18:00	414730	1-hr	102	100.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 19:00	414731	1-hr	129	128.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 19:00	414733	1-hr	89	87.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 19:00	414734	1-hr	93	92.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 19:00	414728	1-hr	111	110.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 19:00	414729	1-hr	143	141.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 7, 2023 19:00	414732	1-hr	89	87.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 19:00	414730	1-hr	113	112.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 20:00	414730	1-hr	95	93.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 20:00	414731	1-hr	134	133.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 20:00	414733	1-hr	117	115.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 20:00	414734	1-hr	126	125.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 20:00	414728	1-hr	96	95.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 20:00	414729	1-hr	129	127.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 7, 2023 21:00	414730	1-hr	96	94.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 21:00	414731	1-hr	130	128.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 21:00	414733	1-hr	119	117.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 21:00	414734	1-hr	136	134.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 7, 2023 21:00	414728	1-hr	93	92.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 21:00	414729	1-hr	143	142.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 7, 2023 21:00	414736	1-hr	97	95.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 22:00	414731	1-hr	116	114.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 22:00	414733	1-hr	115	112.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 22:00	414734	1-hr	132	130.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 22:00	414729	1-hr	134	132.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 7, 2023 22:00	414736	1-hr	127	125.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 23:00	414731	1-hr	104	102.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 23:00	414733	1-hr	106	104.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 23:00	414734	1-hr	125	123.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 23:00	414729	1-hr	91	89.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 7, 2023 23:00	414736	1-hr	115	113.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 7, 2023 23:00	414737	1-hr	83	81.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 7, 2023 24:00	414731	1-hr	88	86.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 7, 2023 24:00	414733	1-hr	89	87.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 7, 2023 24:00	414734	1-hr	120	118.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 7, 2023 24:00	414729	1-hr	89	87.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 7, 2023 24:00	414736	1-hr	113	111.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 7, 2023 24:00	414737	1-hr	87	85.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 8, 2023 01:00	414731	1-hr	91	88.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 8, 2023 01:00	414734	1-hr	114	112.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 8, 2023 01:00	414729	1-hr	84	82.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 8, 2023 01:00	414736	1-hr	119	116.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 8, 2023 01:00	414737	1-hr	85	83.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 8, 2023 24:00	414731	24-hr	39	37.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 8, 2023 24:00	414733	24-hr	35	33.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 8, 2023 24:00	414728	24-hr	31	29.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 8, 2023 24:00	414729	24-hr	48	46.0	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 8, 2023 24:00	414736	24-hr	48	48.9	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 24:00	414738	24-hr	62	60.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 8, 2023 24:00	414737	24-hr	40	38.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 8, 2023 24:00	414500	24-hr	32	30.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 8, 2023 24:00	414730	24-hr	33	31.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 8, 2023 24:00	414734	24-hr	51	49.2	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 8, 2023 24:00	414740	24-hr	52	50.1	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 8, 2023 24:00	414739	24-hr	109	107.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 8, 2023 24:00	414501	24-hr	33	31.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 8, 2023 02:00	414734	1-hr	112	109.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 8, 2023 02:00	414736	1-hr	113	110.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 02:00	414738	1-hr	92	90.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 02:00	414739	1-hr	81	78.8	nae
AAAQG	AMS29 Surmont 2	PM2.5	Jun 8, 2023 02:00	414737	1-hr	89	86.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 8, 2023 03:00	414734	1-hr	99	96.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 8, 2023 03:00	414736	1-hr	104	102.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 03:00	414738	1-hr	105	103.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 03:00	414739	1-hr	368	365.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 8, 2023 03:00	414737	1-hr	82	80.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 8, 2023 04:00	414736	1-hr	96	93.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 04:00	414738	1-hr	112	110.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 04:00	414739	1-hr	420	418.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 8, 2023 04:00	414737	1-hr	81	79.0	nae
AAAQG	AMS14 Anzac	PM2.5	Jun 8, 2023 05:00	414736	1-hr	91	88.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 05:00	414738	1-hr	107	105.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 05:00	414739	1-hr	572	570.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 06:00	414738	1-hr	105	102.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 06:00	414739	1-hr	442	429.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 07:00	414738	1-hr	109	107.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 8, 2023 07:00	414740	1-hr	80	78.6	nae
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 07:00	414739	1-hr	133	130.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 08:00	414738	1-hr	160	157.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 8, 2023 08:00	414740	1-hr	156	154.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 8, 2023 08:00	414739	1-hr	91	88.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 8, 2023 09:00	414738	1-hr	102	100.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 8, 2023 09:00	414740	1-hr	133	131.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 9, 2023 24:00	414730	24-hr	34	32.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 9, 2023 24:00	414731	24-hr	30	28.7	nae
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 9, 2023 24:00	414734	24-hr	29	27.9	nae
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 9, 2023 24:00	414741	24-hr	47	45.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 9, 2023 24:00	414728	24-hr	33	31.1	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 9, 2023 24:00	414739	24-hr	98	96.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 9, 2023 24:00	414569	24-hr	36	35.1	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 9, 2023 24:00	414570	24-hr	33	31.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 9, 2023 24:00	414729	24-hr	43	41.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 9, 2023 24:00	414738	24-hr	32	30.1	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 9, 2023 24:00	414740	24-hr	49	47.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 06:00	414739	1-hr	276	273.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 07:00	414739	1-hr	432	430.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 08:00	414739	1-hr	417	414.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 09:00	414739	1-hr	375	373.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 10:00	414739	1-hr	193	190.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 9, 2023 11:00	414739	1-hr	96	94.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 9, 2023 16:00	414741	1-hr	96	95.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 9, 2023 17:00	414741	1-hr	107	106.5	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 9, 2023 18:00	414741	1-hr	83	82.2	exc
AAAQO	AMS11 Lower Camp	H2S	Jun 9, 2023 19:00	414557	1-hr	13	12.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 9, 2023 21:00	414740	1-hr	136	133.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 9, 2023 22:00	414740	1-hr	107	105.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 10, 2023 24:00	414730	24-hr	53	51.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 10, 2023 24:00	414731	24-hr	51	50.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 10, 2023 24:00	414733	24-hr	32	30.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 10, 2023 24:00	414734	24-hr	53	51.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 10, 2023 24:00	414741	24-hr	47	45.3	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 10, 2023 24:00	414732	24-hr	64	62.6	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 10, 2023 24:00	414738	24-hr	50	48.2	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 10, 2023 24:00	414740	24-hr	59	57.2	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 10, 2023 24:00	414739	24-hr	44	43.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 10, 2023 24:00	414620	24-hr	57	55.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 10, 2023 24:00	414728	24-hr	52	50.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 10, 2023 24:00	414729	24-hr	68	66.6	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 10, 2023 24:00	414736	24-hr	89	87.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 10, 2023 24:00	414737	24-hr	59	57.8	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 10, 2023 24:00	414621	24-hr	52	51.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 02:00	414736	1-hr	93	90.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 10, 2023 06:00	414740	1-hr	82	80.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 10, 2023 07:00	414740	1-hr	88	86.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 10, 2023 07:00	414737	1-hr	111	109.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 10, 2023 08:00	414737	1-hr	100	98.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 10, 2023 09:00	414737	1-hr	83	80.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 10, 2023 10:00	414729	1-hr	81	79.6	nae
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 15:00	414736	1-hr	86	85.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 16:00	414736	1-hr	189	188.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 17:00	414736	1-hr	152	151.5	exc
AAAQO	AMS08 Fort Chipewyan	O3	Jun 10, 2023 17:00	414697	1-hr	83	83.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 18:00	414736	1-hr	100	99.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 10, 2023 18:00	414732	1-hr	94	92.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 10, 2023 19:00	414732	1-hr	105	104.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 10, 2023 20:00	414732	1-hr	104	102.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 22:00	414736	1-hr	105	103.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 23:00	414736	1-hr	165	163.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 10, 2023 24:00	414741	1-hr	102	101.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 10, 2023 24:00	414736	1-hr	121	119.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 10, 2023 24:00	414737	1-hr	169	167.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 01:00	414741	1-hr	119	117.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 01:00	414737	1-hr	152	150.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 24:00	414730	24-hr	50	48.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 24:00	414729	24-hr	63	61.5	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 11, 2023 24:00	414736	24-hr	61	59.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 11, 2023 24:00	414732	24-hr	74	72.7	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 24:00	414738	24-hr	62	60.5	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 11, 2023 24:00	414740	24-hr	67	65.3	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 11, 2023 24:00	414739	24-hr	63	62.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 11, 2023 24:00	414651	24-hr	70	68.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 11, 2023 24:00	414737	24-hr	61	59.5	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 11, 2023 24:00	414652	24-hr	55	54.0	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 24:00	414731	24-hr	51	49.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 11, 2023 24:00	414734	24-hr	55	53.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 24:00	414741	24-hr	92	90.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 11, 2023 24:00	414728	24-hr	51	50.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 05:00	414741	1-hr	83	81.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 06:00	414741	1-hr	83	80.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 07:00	414741	1-hr	92	90.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 07:00	414729	1-hr	87	84.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 08:00	414730	1-hr	86	84.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 08:00	414731	1-hr	88	86.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 08:00	414741	1-hr	94	92.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 08:00	414729	1-hr	111	109.6	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 08:00	414651	1-hr	101	98.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 08:00	414652	1-hr	92	90.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 09:00	414730	1-hr	96	94.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 09:00	414731	1-hr	95	93.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 09:00	414729	1-hr	116	113.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 09:00	414651	1-hr	117	115.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 09:00	414652	1-hr	100	98.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 11, 2023 09:00	414728	1-hr	94	91.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 10:00	414730	1-hr	81	79.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 10:00	414731	1-hr	86	84.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 10:00	414729	1-hr	103	101.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 10:00	414736	1-hr	96	95.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 10:00	414732	1-hr	104	101.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 10:00	414738	1-hr	104	103.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 10:00	414740	1-hr	103	102.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 10:00	414651	1-hr	88	86.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 10:00	414652	1-hr	83	81.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 11, 2023 10:00	414734	1-hr	103	102.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 11:00	414729	1-hr	89	88.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 11:00	414736	1-hr	112	110.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 11:00	414732	1-hr	122	120.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 11:00	414738	1-hr	108	108.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 11:00	414740	1-hr	111	110.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 11:00	414739	1-hr	87	86.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 11:00	414737	1-hr	85	83.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 11, 2023 11:00	414734	1-hr	122	120.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 12:00	414736	1-hr	138	136.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 12:00	414732	1-hr	126	125.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 12:00	414738	1-hr	92	91.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 12:00	414740	1-hr	98	96.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 12:00	414739	1-hr	92	90.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 12:00	414737	1-hr	96	95.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 11, 2023 12:00	414734	1-hr	116	114.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 13:00	414736	1-hr	147	146.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 13:00	414738	1-hr	85	83.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 13:00	414740	1-hr	90	88.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 13:00	414739	1-hr	87	86.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 13:00	414737	1-hr	102	100.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 11, 2023 13:00	414734	1-hr	91	90.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 14:00	414736	1-hr	128	126.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 14:00	414738	1-hr	92	90.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 14:00	414740	1-hr	100	99.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 14:00	414739	1-hr	102	101.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 14:00	414737	1-hr	136	135.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 11, 2023 15:00	414736	1-hr	87	86.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 15:00	414738	1-hr	85	84.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 15:00	414740	1-hr	94	93.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 15:00	414739	1-hr	135	134.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 15:00	414737	1-hr	116	114.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 16:00	414738	1-hr	103	102.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 16:00	414740	1-hr	106	105.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 16:00	414739	1-hr	127	126.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 11, 2023 16:00	414737	1-hr	84	82.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 17:00	414741	1-hr	85	83.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 17:00	414738	1-hr	124	123.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 17:00	414740	1-hr	138	137.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 17:00	414739	1-hr	122	121.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 18:00	414732	1-hr	138	137.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 11, 2023 18:00	414738	1-hr	95	93.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 11, 2023 18:00	414740	1-hr	109	107.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 18:00	414739	1-hr	95	94.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 19:00	414732	1-hr	98	96.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 11, 2023 19:00	414739	1-hr	83	81.7	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 20:00	414741	1-hr	126	124.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 21:00	414741	1-hr	386	384.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 21:00	414732	1-hr	100	99.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 21:00	414651	1-hr	95	93.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 22:00	414741	1-hr	281	279.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 22:00	414732	1-hr	108	106.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 22:00	414651	1-hr	180	178.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 22:00	414652	1-hr	81	80.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 11, 2023 22:00	414728	1-hr	97	95.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 23:00	414730	1-hr	82	79.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 11, 2023 23:00	414741	1-hr	104	102.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 23:00	414729	1-hr	104	101.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 23:00	414732	1-hr	113	110.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 23:00	414651	1-hr	173	172.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 23:00	414652	1-hr	92	90.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 23:00	414731	1-hr	85	83.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 11, 2023 23:00	414728	1-hr	113	111.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 11, 2023 24:00	414730	1-hr	90	87.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 11, 2023 24:00	414731	1-hr	95	92.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 11, 2023 24:00	414728	1-hr	99	97.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 11, 2023 24:00	414729	1-hr	114	111.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 11, 2023 24:00	414732	1-hr	127	125.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 11, 2023 24:00	414651	1-hr	161	158.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 11, 2023 24:00	414652	1-hr	107	104.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 01:00	415119	1-hr	122	120.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 01:00	415120	1-hr	107	104.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 01:00	412121	1-hr	149	147.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 01:00	415122	1-hr	119	117.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 01:00	412123	1-hr	264	262.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 01:00	414753	1-hr	124	121.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 01:00	414726	1-hr	119	117.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 24:00	415122	24-hr	208	206.1	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 12, 2023 24:00	415126	24-hr	144	142.1	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 12, 2023 24:00	414726	24-hr	199	197.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 24:00	415119	24-hr	181	178.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 24:00	415120	24-hr	168	166.4	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 24:00	415128	24-hr	102	100.0	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 24:00	415129	24-hr	171	169.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 12, 2023 24:00	412121	24-hr	179	177.0	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 12, 2023 24:00	412123	24-hr	220	218.3	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 24:00	415124	24-hr	81	79.5	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 12, 2023 24:00	415130	24-hr	89	87.1	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 12, 2023 24:00	415127	24-hr	130	128.4	exc
AAAQO	AMS22 Janvier	TRS	Jun 12, 2023 24:00	414727	24-hr	-	-	ret
AAAQO	AMS23 Fort Hills	PM2.5	Jun 12, 2023 24:00	414753	24-hr	211	209.4	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 12, 2023 24:00	415125	24-hr	101	99.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 02:00	415119	1-hr	122	120.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 02:00	415120	1-hr	130	128.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 02:00	412121	1-hr	228	226.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 02:00	415122	1-hr	119	116.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 02:00	412123	1-hr	208	205.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 02:00	414753	1-hr	130	128.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 02:00	414726	1-hr	129	127.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 03:00	415119	1-hr	120	117.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 03:00	415120	1-hr	151	149.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 03:00	412121	1-hr	167	165.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 03:00	415122	1-hr	134	132.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 03:00	412123	1-hr	239	237.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 03:00	415124	1-hr	163	160.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 03:00	414753	1-hr	139	136.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 03:00	415125	1-hr	83	81.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 03:00	414726	1-hr	124	121.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 04:00	415119	1-hr	123	120.8	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 04:00	415120	1-hr	122	120.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 04:00	412121	1-hr	124	121.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 04:00	415122	1-hr	146	143.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 04:00	415126	1-hr	93	91.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 04:00	412123	1-hr	302	299.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 04:00	415124	1-hr	89	86.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 04:00	414753	1-hr	189	186.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 04:00	415125	1-hr	104	102.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 04:00	414726	1-hr	129	127.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 05:00	415120	1-hr	154	152.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 05:00	412121	1-hr	129	127.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 05:00	415122	1-hr	156	154.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 05:00	415126	1-hr	113	110.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 05:00	412123	1-hr	344	341.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 05:00	415127	1-hr	83	80.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 05:00	414753	1-hr	149	147.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 05:00	415125	1-hr	106	104.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 05:00	414726	1-hr	145	143.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 05:00	415119	1-hr	140	138.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 06:00	415120	1-hr	180	178.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 06:00	415128	1-hr	84	81.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 06:00	415129	1-hr	96	93.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 06:00	412121	1-hr	138	136.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 06:00	415122	1-hr	166	164.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 06:00	415126	1-hr	118	116.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 06:00	412123	1-hr	365	363.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 06:00	415124	1-hr	85	83.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 06:00	415127	1-hr	118	115.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 06:00	414753	1-hr	130	128.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 06:00	415125	1-hr	111	108.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 06:00	414726	1-hr	148	146.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 06:00	415119	1-hr	138	136.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 07:00	415120	1-hr	221	219.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 07:00	415128	1-hr	92	90.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 07:00	415129	1-hr	117	114.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 07:00	412121	1-hr	144	141.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 07:00	415122	1-hr	201	199.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 07:00	415126	1-hr	147	145.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 07:00	412123	1-hr	184	181.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 07:00	415124	1-hr	89	87.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 07:00	415127	1-hr	166	164.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 07:00	414753	1-hr	110	107.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 07:00	415125	1-hr	123	121.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 07:00	414726	1-hr	169	166.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 07:00	415119	1-hr	145	143.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 07:00	415130	1-hr	126	124.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 08:00	415120	1-hr	141	139.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 08:00	415128	1-hr	104	102.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 08:00	415129	1-hr	135	133.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 08:00	412121	1-hr	129	127.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 08:00	415122	1-hr	206	204.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 08:00	415126	1-hr	168	165.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 08:00	412123	1-hr	126	123.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 08:00	415124	1-hr	109	106.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 08:00	415127	1-hr	490	487.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 08:00	414753	1-hr	101	99.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 08:00	415125	1-hr	126	124.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 08:00	414726	1-hr	122	119.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 08:00	415119	1-hr	134	131.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 08:00	415130	1-hr	113	110.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 09:00	415120	1-hr	139	137.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 09:00	415128	1-hr	138	136.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 09:00	415129	1-hr	175	173.4	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 09:00	412121	1-hr	86	83.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 09:00	415122	1-hr	146	144.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 09:00	415126	1-hr	178	176.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 09:00	412123	1-hr	88	86.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 09:00	415124	1-hr	129	126.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 09:00	415130	1-hr	136	133.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 09:00	415127	1-hr	413	411.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 09:00	414753	1-hr	185	182.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 09:00	415125	1-hr	110	108.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 09:00	414726	1-hr	116	116.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 09:00	415119	1-hr	95	93.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 10:00	415120	1-hr	173	171.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 10:00	415128	1-hr	151	149.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 10:00	415129	1-hr	252	250.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 10:00	412121	1-hr	162	160.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 10:00	415122	1-hr	163	160.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 10:00	415126	1-hr	186	183.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 10:00	412123	1-hr	217	215.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 10:00	415124	1-hr	147	145.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 10:00	415130	1-hr	190	188.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 10:00	415127	1-hr	162	163.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 10:00	414753	1-hr	332	330.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 10:00	415125	1-hr	107	105.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 10:00	414726	1-hr	188	186.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 10:00	415119	1-hr	161	159.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 11:00	415120	1-hr	187	185.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 11:00	415128	1-hr	126	125.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 11:00	415129	1-hr	235	233.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 11:00	412121	1-hr	203	201.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 11:00	415122	1-hr	239	236.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 11:00	415126	1-hr	234	231.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 11:00	412123	1-hr	228	226.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 11:00	415124	1-hr	154	152.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 11:00	415130	1-hr	143	140.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 11:00	414753	1-hr	349	347.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 11:00	414726	1-hr	273	271.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 11:00	415119	1-hr	205	203.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 11:00	415127	1-hr	126	124.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 12:00	415120	1-hr	167	165.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 12:00	415128	1-hr	117	116.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 12:00	415129	1-hr	201	200.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 12:00	412121	1-hr	256	254.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 12:00	415122	1-hr	258	255.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 12:00	415126	1-hr	208	206.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 12:00	412123	1-hr	315	312.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 12, 2023 12:00	415124	1-hr	117	114.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 12:00	415130	1-hr	141	139.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 12:00	415127	1-hr	130	128.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 12:00	414753	1-hr	370	367.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 12:00	414726	1-hr	283	281.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 12:00	415119	1-hr	261	259.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 13:00	415120	1-hr	161	160.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 13:00	415128	1-hr	101	100.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 13:00	415129	1-hr	184	183.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 13:00	412121	1-hr	293	291.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 13:00	415122	1-hr	300	299.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 13:00	415126	1-hr	220	218.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 13:00	412123	1-hr	274	272.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 13:00	415130	1-hr	85	83.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 13:00	415127	1-hr	130	128.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 13:00	414753	1-hr	357	355.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 13:00	414726	1-hr	353	351.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 13:00	415119	1-hr	300	298.7	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 13:00	415125	1-hr	116	113.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 14:00	415120	1-hr	165	164.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 14:00	415128	1-hr	132	130.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 14:00	412121	1-hr	283	282.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 14:00	415122	1-hr	323	321.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 14:00	415126	1-hr	194	192.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 14:00	412123	1-hr	259	257.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 14:00	415130	1-hr	89	87.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 14:00	415127	1-hr	120	118.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 14:00	414753	1-hr	342	339.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 14:00	414726	1-hr	333	331.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 14:00	415119	1-hr	308	307.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 14:00	415125	1-hr	126	123.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 14:00	415129	1-hr	217	215.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 15:00	415120	1-hr	149	147.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 15:00	415128	1-hr	161	159.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 15:00	415129	1-hr	273	271.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 15:00	412121	1-hr	268	267.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 15:00	415122	1-hr	319	318.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 15:00	415126	1-hr	180	177.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 15:00	412123	1-hr	239	236.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 15:00	415127	1-hr	114	112.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 15:00	414753	1-hr	318	315.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 15:00	414726	1-hr	301	299.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 15:00	415119	1-hr	300	299.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 15:00	415125	1-hr	131	129.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 16:00	415120	1-hr	187	185.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 16:00	415128	1-hr	143	141.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 16:00	415129	1-hr	271	270.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 16:00	412121	1-hr	257	256.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 16:00	415122	1-hr	321	320.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 16:00	415126	1-hr	188	186.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 16:00	412123	1-hr	215	213.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 16:00	415127	1-hr	98	97.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 16:00	414753	1-hr	307	304.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 16:00	414726	1-hr	290	289.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 16:00	415119	1-hr	287	286.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 16:00	415125	1-hr	134	132.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 17:00	415120	1-hr	210	209.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 17:00	415128	1-hr	124	122.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 17:00	415129	1-hr	252	250.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 17:00	412121	1-hr	247	246.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 17:00	415122	1-hr	301	299.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 17:00	415126	1-hr	161	160.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 17:00	412123	1-hr	196	194.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 17:00	415127	1-hr	88	86.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 17:00	414753	1-hr	262	260.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 17:00	414726	1-hr	273	272.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 17:00	415119	1-hr	266	265.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 17:00	415125	1-hr	123	121.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 18:00	415120	1-hr	222	221.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 18:00	415128	1-hr	109	108.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 18:00	415129	1-hr	227	226.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 18:00	412121	1-hr	226	224.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 18:00	415122	1-hr	283	281.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 18:00	415126	1-hr	128	127.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 18:00	412123	1-hr	173	171.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 18:00	415127	1-hr	88	87.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 18:00	414753	1-hr	222	219.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 18:00	414726	1-hr	247	245.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 18:00	415119	1-hr	241	239.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 18:00	415125	1-hr	107	105.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 19:00	415120	1-hr	226	224.6	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 19:00	415128	1-hr	100	98.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 19:00	415129	1-hr	213	211.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 19:00	412121	1-hr	197	195.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 19:00	415122	1-hr	264	262.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 19:00	415126	1-hr	127	124.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 19:00	412123	1-hr	143	140.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 19:00	415127	1-hr	89	87.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 19:00	414753	1-hr	211	209.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 19:00	414726	1-hr	214	212.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 19:00	415119	1-hr	214	212.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 19:00	415125	1-hr	108	106.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 20:00	415120	1-hr	205	202.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 20:00	415128	1-hr	97	95.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 20:00	415129	1-hr	194	192.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 20:00	412121	1-hr	159	157.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 20:00	415122	1-hr	225	223.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 20:00	415126	1-hr	131	129.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 20:00	412123	1-hr	110	108.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 20:00	415130	1-hr	85	83.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 20:00	415127	1-hr	91	89.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 20:00	414753	1-hr	184	182.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 20:00	414726	1-hr	205	203.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 20:00	415119	1-hr	177	175.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 20:00	415125	1-hr	103	100.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 21:00	415120	1-hr	173	171.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 21:00	415128	1-hr	104	102.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 21:00	415129	1-hr	182	179.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 21:00	412121	1-hr	131	128.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 21:00	415122	1-hr	179	177.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 21:00	415126	1-hr	130	128.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 21:00	412123	1-hr	97	95.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 12, 2023 21:00	415130	1-hr	121	119.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 21:00	415127	1-hr	91	89.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 21:00	414753	1-hr	156	154.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 21:00	414726	1-hr	185	183.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 21:00	415119	1-hr	140	138.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 21:00	415125	1-hr	101	99.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 22:00	415120	1-hr	155	153.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 22:00	415128	1-hr	95	93.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 22:00	415129	1-hr	184	182.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 22:00	412121	1-hr	112	110.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 22:00	415122	1-hr	151	149.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 22:00	415126	1-hr	125	123.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 22:00	412123	1-hr	128	126.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 22:00	415127	1-hr	96	94.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 22:00	414753	1-hr	144	142.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 22:00	414726	1-hr	157	155.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 22:00	415119	1-hr	122	120.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 22:00	415125	1-hr	95	92.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 23:00	415119	1-hr	108	105.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 23:00	415120	1-hr	155	153.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jun 12, 2023 23:00	415128	1-hr	88	86.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 23:00	415129	1-hr	172	170.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 23:00	412121	1-hr	108	106.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 23:00	415122	1-hr	138	136.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 23:00	415126	1-hr	121	118.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 23:00	412123	1-hr	267	265.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 23:00	415127	1-hr	100	98.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 23:00	414753	1-hr	117	115.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 23:00	414726	1-hr	137	134.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 23:00	415125	1-hr	93	90.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 12, 2023 24:00	415119	1-hr	104	101.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 12, 2023 24:00	415120	1-hr	150	148.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 12, 2023 24:00	415129	1-hr	159	157.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 12, 2023 24:00	412121	1-hr	91	88.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 12, 2023 24:00	415122	1-hr	129	126.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 12, 2023 24:00	415126	1-hr	112	110.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 12, 2023 24:00	412123	1-hr	303	301.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 12, 2023 24:00	415127	1-hr	99	97.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 12, 2023 24:00	414753	1-hr	142	140.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 12, 2023 24:00	414726	1-hr	141	139.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 12, 2023 24:00	415125	1-hr	89	87.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 01:00	415119	1-hr	97	95.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 01:00	415120	1-hr	112	110.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 01:00	415129	1-hr	140	138.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 01:00	412121	1-hr	100	97.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 01:00	415122	1-hr	125	122.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 01:00	415126	1-hr	107	104.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 01:00	412123	1-hr	201	198.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 01:00	415127	1-hr	101	98.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 01:00	414821	1-hr	130	128.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 01:00	414832	1-hr	138	136.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 01:00	415125	1-hr	89	86.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 24:00	415120	24-hr	98	96.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jun 13, 2023 24:00	415128	24-hr	46	44.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 24:00	415129	24-hr	100	99.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 13, 2023 24:00	412121	24-hr	101	99.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 24:00	415122	24-hr	125	123.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 24:00	415124	24-hr	84	82.1	exc
AAAQO	AMS21 Conklin	PM2.5	Jun 13, 2023 24:00	415130	24-hr	91	89.1	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 13, 2023 24:00	415127	24-hr	78	76.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 13, 2023 24:00	414821	24-hr	109	107.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 24:00	415119	24-hr	106	104.1	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 13, 2023 24:00	415126	24-hr	75	90.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 13, 2023 24:00	412123	24-hr	114	112.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 13, 2023 24:00	415125	24-hr	70	68.9	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 13, 2023 24:00	414832	24-hr	107	105.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 02:00	415119	1-hr	103	100.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 02:00	415120	1-hr	114	112.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 02:00	415129	1-hr	125	123.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 02:00	412121	1-hr	122	119.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 02:00	415122	1-hr	122	120.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 02:00	415126	1-hr	80	78.3	nae
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 02:00	412123	1-hr	161	159.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 02:00	415127	1-hr	99	97.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 02:00	414821	1-hr	127	125.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 02:00	414832	1-hr	134	131.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 02:00	415125	1-hr	94	91.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 03:00	415119	1-hr	119	117.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 03:00	415120	1-hr	103	101.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 03:00	415129	1-hr	103	101.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 03:00	412121	1-hr	121	119.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 03:00	415122	1-hr	123	121.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 03:00	412123	1-hr	165	163.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 03:00	415127	1-hr	94	92.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 03:00	414821	1-hr	126	124.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 03:00	414832	1-hr	125	123.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 03:00	415125	1-hr	89	87.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 03:00	415126	1-hr	99	97.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 04:00	415119	1-hr	118	116.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 04:00	415120	1-hr	84	82.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 04:00	415129	1-hr	87	85.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 04:00	412121	1-hr	91	89.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 04:00	415122	1-hr	130	127.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 04:00	412123	1-hr	134	132.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 04:00	415127	1-hr	85	83.0	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 04:00	414821	1-hr	124	122.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 04:00	414832	1-hr	123	120.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 04:00	415126	1-hr	105	103.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 05:00	415119	1-hr	118	116.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 05:00	415129	1-hr	88	86.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 05:00	412121	1-hr	98	96.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 05:00	415122	1-hr	128	126.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 05:00	412123	1-hr	117	114.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 05:00	415127	1-hr	88	86.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 05:00	414821	1-hr	119	117.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 05:00	414832	1-hr	117	115.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 05:00	415126	1-hr	104	102.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 06:00	415119	1-hr	114	111.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 06:00	415120	1-hr	84	81.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 06:00	415129	1-hr	92	90.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 06:00	412121	1-hr	110	108.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 06:00	415122	1-hr	130	128.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 06:00	412123	1-hr	99	97.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 06:00	415130	1-hr	83	81.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 06:00	415127	1-hr	87	84.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 06:00	414821	1-hr	114	112.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 06:00	414832	1-hr	112	110.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 06:00	415126	1-hr	94	92.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 06:00	415125	1-hr	81	79.5	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 07:00	415119	1-hr	108	106.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 07:00	415120	1-hr	85	82.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 07:00	415129	1-hr	103	101.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 07:00	412121	1-hr	101	98.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 07:00	415122	1-hr	132	130.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 07:00	415126	1-hr	103	100.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 07:00	412123	1-hr	99	97.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 07:00	415124	1-hr	93	91.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 07:00	415130	1-hr	103	101.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 07:00	415127	1-hr	86	84.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 07:00	414821	1-hr	105	103.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 07:00	415125	1-hr	81	79.2	nae
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 07:00	414832	1-hr	112	110.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 08:00	415119	1-hr	105	102.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 08:00	415120	1-hr	90	88.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 08:00	415129	1-hr	111	109.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 08:00	412121	1-hr	97	95.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 08:00	415122	1-hr	129	127.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 08:00	415126	1-hr	101	98.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 08:00	412123	1-hr	102	99.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 08:00	415124	1-hr	121	118.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 08:00	415130	1-hr	141	138.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 08:00	414821	1-hr	103	101.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 08:00	414832	1-hr	102	100.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 09:00	415119	1-hr	106	104.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 09:00	415120	1-hr	97	94.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 09:00	415129	1-hr	109	107.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 09:00	412121	1-hr	101	98.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 09:00	415122	1-hr	128	125.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 09:00	415126	1-hr	94	91.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 09:00	412123	1-hr	107	105.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 09:00	415124	1-hr	155	153.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 09:00	415130	1-hr	164	162.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 09:00	415127	1-hr	92	90.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 09:00	414821	1-hr	102	99.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 09:00	414832	1-hr	99	96.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 10:00	415119	1-hr	108	107.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 10:00	415120	1-hr	100	98.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 10:00	415129	1-hr	104	103.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 10:00	412121	1-hr	105	103.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 10:00	415122	1-hr	131	130.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 10:00	415126	1-hr	107	106.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 10:00	412123	1-hr	113	112.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 10:00	415124	1-hr	154	153.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 10:00	415130	1-hr	169	168.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 10:00	415127	1-hr	110	109.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 10:00	414821	1-hr	100	98.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 10:00	415125	1-hr	87	85.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 10:00	414832	1-hr	97	95.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 11:00	415119	1-hr	110	109.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 11:00	415120	1-hr	103	102.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 11:00	415129	1-hr	102	101.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 11:00	412121	1-hr	108	106.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 11:00	415122	1-hr	139	138.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 11:00	415126	1-hr	108	106.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 11:00	412123	1-hr	116	115.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 11:00	415124	1-hr	144	144.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 11:00	415130	1-hr	151	149.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 11:00	415127	1-hr	112	111.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 11:00	414821	1-hr	99	97.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 11:00	415125	1-hr	107	106.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 11:00	414832	1-hr	96	95.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 12:00	415119	1-hr	115	114.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 12:00	415120	1-hr	98	96.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 12:00	415129	1-hr	94	93.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 12:00	412121	1-hr	111	110.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 12:00	415122	1-hr	136	135.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 12:00	415126	1-hr	102	100.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 12:00	412123	1-hr	109	107.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 12:00	415124	1-hr	126	124.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 12:00	415130	1-hr	140	139.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 12:00	414821	1-hr	103	102.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 12:00	415125	1-hr	102	100.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 12:00	414832	1-hr	101	100.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 13:00	415119	1-hr	111	110.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 13:00	415120	1-hr	91	90.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 13:00	412121	1-hr	106	104.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 13:00	415122	1-hr	134	132.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 13:00	415126	1-hr	82	80.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 13:00	412123	1-hr	100	98.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 13:00	415124	1-hr	129	128.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 13:00	415130	1-hr	131	130.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 13:00	415127	1-hr	118	117.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 13:00	414821	1-hr	105	103.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 13:00	414832	1-hr	102	101.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 14:00	415119	1-hr	98	97.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 14:00	415120	1-hr	93	92.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 14:00	412121	1-hr	98	96.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 14:00	415122	1-hr	119	118.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 14:00	412123	1-hr	102	101.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 14:00	415124	1-hr	112	110.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 14:00	415130	1-hr	125	124.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 14:00	415127	1-hr	110	108.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 14:00	414821	1-hr	106	105.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 14:00	415125	1-hr	89	87.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 14:00	414832	1-hr	91	90.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 15:00	415119	1-hr	107	105.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 15:00	415120	1-hr	118	117.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 15:00	412121	1-hr	103	101.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 15:00	415122	1-hr	119	118.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 15:00	412123	1-hr	117	116.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 13, 2023 15:00	415124	1-hr	92	90.6	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS21 Conklin	PM2.5	Jun 13, 2023 15:00	415130	1-hr	116	115.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 13, 2023 15:00	415127	1-hr	102	101.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 15:00	414821	1-hr	105	104.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 15:00	415125	1-hr	90	89.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 15:00	414832	1-hr	99	97.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 16:00	415119	1-hr	117	115.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 16:00	415120	1-hr	122	120.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 16:00	412121	1-hr	108	107.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 16:00	415122	1-hr	134	133.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 16:00	415126	1-hr	94	92.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 16:00	412123	1-hr	116	114.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 16:00	414821	1-hr	117	115.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 13, 2023 16:00	415125	1-hr	88	87.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 16:00	414832	1-hr	101	100.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 17:00	415119	1-hr	114	112.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 17:00	415120	1-hr	116	115.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 17:00	415129	1-hr	118	116.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 17:00	412121	1-hr	106	104.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 17:00	415122	1-hr	131	129.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 13, 2023 17:00	415126	1-hr	92	90.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 17:00	412123	1-hr	106	104.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 17:00	414821	1-hr	141	138.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 17:00	414832	1-hr	120	118.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 18:00	415119	1-hr	138	135.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 18:00	415120	1-hr	128	126.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 18:00	415129	1-hr	119	118.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 18:00	412121	1-hr	133	131.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 18:00	415122	1-hr	157	154.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 18:00	412123	1-hr	127	125.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 18:00	414821	1-hr	139	136.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 18:00	414832	1-hr	136	134.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 19:00	415119	1-hr	132	130.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 19:00	415120	1-hr	125	123.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 19:00	415129	1-hr	128	126.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 19:00	412121	1-hr	132	130.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 19:00	415122	1-hr	159	156.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 19:00	412123	1-hr	136	134.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 19:00	414821	1-hr	138	135.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 19:00	414832	1-hr	134	131.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 20:00	415119	1-hr	116	114.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 20:00	415120	1-hr	116	114.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 20:00	415129	1-hr	133	131.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 13, 2023 20:00	412121	1-hr	107	105.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 20:00	415122	1-hr	142	139.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 20:00	412123	1-hr	123	121.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 20:00	414821	1-hr	100	98.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 20:00	414832	1-hr	115	113.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 13, 2023 21:00	415119	1-hr	80	78.6	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 13, 2023 21:00	415120	1-hr	109	106.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 21:00	415129	1-hr	108	105.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 21:00	415122	1-hr	104	102.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 21:00	412123	1-hr	116	114.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 22:00	415129	1-hr	104	102.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 13, 2023 22:00	412123	1-hr	87	84.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 23:00	415129	1-hr	103	101.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 23:00	415122	1-hr	86	84.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 23:00	414821	1-hr	83	81.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jun 13, 2023 24:00	415129	1-hr	81	79.3	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 13, 2023 24:00	415122	1-hr	94	92.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 13, 2023 24:00	414821	1-hr	95	93.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 13, 2023 24:00	414832	1-hr	99	96.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 14, 2023 01:00	415122	1-hr	94	92.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jun 14, 2023 24:00	415124	24-hr	43	41.8	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS21 Conklin	PM2.5	Jun 14, 2023 24:00	415130	24-hr	45	43.6	exc
AAAQO	AMS22 Janvier	PM2.5	Jun 14, 2023 24:00	415127	24-hr	42	40.4	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jun 14, 2023 24:00	415125	24-hr	31	30.1	exc
AAAQO	AMS14 Anzac	PM2.5	Jun 14, 2023 24:00	415126	24-hr	46	-	ret
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 14, 2023 02:00	415122	1-hr	86	84.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 04:00	415126	1-hr	111	-	ret
AAAQG	AMS17 Wapasu	PM2.5	Jun 14, 2023 04:00	412123	1-hr	85	83.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 05:00	415126	1-hr	123	-	ret
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 14, 2023 05:00	415124	1-hr	83	81.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 14, 2023 05:00	415130	1-hr	96	94.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 14, 2023 05:00	415127	1-hr	106	103.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 06:00	415126	1-hr	111	-	ret
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 14, 2023 06:00	415124	1-hr	99	97.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 14, 2023 06:00	415130	1-hr	103	101.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 14, 2023 06:00	415127	1-hr	108	106.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 14, 2023 06:00	415125	1-hr	91	89.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 07:00	415126	1-hr	113	-	ret
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 14, 2023 07:00	415124	1-hr	97	95.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 14, 2023 07:00	415130	1-hr	101	99.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 14, 2023 07:00	415127	1-hr	98	96.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 14, 2023 07:00	415125	1-hr	94	92.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 08:00	415126	1-hr	107	-	ret
AAAQG	AMS18 Stony Mountain	PM2.5	Jun 14, 2023 08:00	415124	1-hr	87	85.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 14, 2023 08:00	415130	1-hr	84	82.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jun 14, 2023 08:00	415127	1-hr	88	86.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jun 14, 2023 08:00	415125	1-hr	82	80.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jun 14, 2023 09:00	415126	1-hr	103	-	ret
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 17, 2023 24:00	415122	24-hr	37	35.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jun 17, 2023 24:00	412123	24-hr	37	35.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 17, 2023 14:00	415120	1-hr	103	101.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 17, 2023 14:00	415122	1-hr	114	113.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 17, 2023 14:00	415119	1-hr	87	85.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 17, 2023 15:00	415120	1-hr	84	83.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 17, 2023 15:00	412121	1-hr	111	109.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 17, 2023 15:00	415122	1-hr	156	155.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 17, 2023 15:00	412123	1-hr	103	101.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 17, 2023 15:00	415119	1-hr	115	114.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 17, 2023 16:00	412121	1-hr	103	102.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 17, 2023 16:00	415122	1-hr	117	115.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 17, 2023 16:00	412123	1-hr	135	132.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jun 17, 2023 16:00	415056	1-hr	98	94.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jun 17, 2023 16:00	415119	1-hr	96	94.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jun 17, 2023 17:00	412123	1-hr	132	130.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 17, 2023 17:00	415055	1-hr	84	83.4	exc
AAAQO	AMS22 Janvier	TRS	Jun 18, 2023 24:00	415043	24-hr	-	-	ret
AAAQG	AMS09 Barge Landing	PM2.5	Jun 19, 2023 09:00	415433	1-hr	133	131.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jun 19, 2023 10:00	415433	1-hr	108	105.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jun 29, 2023 24:00	415860	24-hr	32	30.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jun 29, 2023 24:00	415861	24-hr	30	28.8	nae
AAAQO	AMS30 Ells River	PM2.5	Jun 29, 2023 24:00	415680	24-hr	29	27.8	nae
AAAQO	AMS19 Firebag	H2S	Jun 30, 2023 01:00	415681	1-hr	-	-	ret
AAAQO	AMS17 Wapasu	PM2.5	Jun 30, 2023 24:00	415865	24-hr	35	33.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jun 30, 2023 24:00	415743	24-hr	35	33.7	exc
AAAQO	AMS30 Ells River	PM2.5	Jun 30, 2023 24:00	415744	24-hr	30	29.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 24:00	415862	24-hr	86	84.7	exc
AAAQO	AMS19 Firebag	H2S	Jun 30, 2023 02:00	415681	1-hr	-	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 03:00	415862	1-hr	82	79.7	nae
AAAQO	AMS19 Firebag	H2S	Jun 30, 2023 03:00	415681	1-hr	-	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 04:00	415862	1-hr	90	88.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 05:00	415862	1-hr	84	84.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 08:00	415862	1-hr	95	93.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 09:00	415862	1-hr	90	88.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 10:00	415862	1-hr	90	90.5	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 22:00	415862	1-hr	250	248.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jun 30, 2023 22:00	415863	1-hr	137	135.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 23:00	415862	1-hr	300	298.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jun 30, 2023 24:00	415864	1-hr	100	99.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jun 30, 2023 24:00	415862	1-hr	226	224.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jun 30, 2023 24:00	415860	1-hr	83	81.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jun 30, 2023 24:00	415743	1-hr	99	97.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 01:00	415866	1-hr	90	88.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 01:00	415864	1-hr	135	133.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 01:00	415867	1-hr	107	105.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 01:00	415862	1-hr	224	223.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 01:00	415861	1-hr	119	117.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 01:00	415860	1-hr	106	104.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 01:00	415868	1-hr	98	96.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 01:00	414755	1-hr	220	218.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 01:00	415756	1-hr	181	179.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 24:00	415866	24-hr	123	121.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 24:00	415864	24-hr	126	124.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 24:00	415867	24-hr	104	102.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 24:00	415871	24-hr	75	73.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 1, 2023 24:00	415861	24-hr	116	114.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 24:00	415860	24-hr	118	116.4	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 1, 2023 24:00	415868	24-hr	89	87.4	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 1, 2023 24:00	415865	24-hr	85	82.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 1, 2023 24:00	414755	24-hr	152	150.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 1, 2023 24:00	415869	24-hr	59	57.5	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 1, 2023 24:00	415756	24-hr	137	135.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 24:00	415862	24-hr	124	123.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Jul 1, 2023 24:00	418602	30-day	102	102.0	exc
AAAQG	AMS14 Anzac	Dustfall	Jul 1, 2023 24:00	418603	30-day	64	63.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 02:00	415866	1-hr	141	139.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 02:00	415864	1-hr	196	194.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 02:00	415867	1-hr	174	172.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 02:00	415862	1-hr	214	214.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 02:00	415861	1-hr	147	145.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 02:00	415860	1-hr	120	118.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 02:00	415868	1-hr	160	158.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 02:00	414755	1-hr	256	253.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 02:00	415869	1-hr	93	91.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 02:00	415756	1-hr	245	243.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 03:00	415866	1-hr	198	195.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 03:00	415864	1-hr	245	242.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 03:00	415867	1-hr	207	205.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 03:00	415862	1-hr	239	239.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 03:00	415861	1-hr	153	150.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 03:00	415860	1-hr	128	125.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 03:00	415868	1-hr	113	111.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 03:00	414755	1-hr	218	215.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 03:00	415869	1-hr	103	101.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 03:00	415756	1-hr	267	265.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 04:00	415866	1-hr	237	234.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 04:00	415864	1-hr	227	225.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 04:00	415867	1-hr	210	207.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 04:00	415871	1-hr	108	106.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 04:00	415862	1-hr	157	156.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 04:00	415861	1-hr	182	180.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 04:00	415860	1-hr	190	188.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 04:00	415868	1-hr	148	146.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 04:00	414755	1-hr	228	226.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 04:00	415869	1-hr	90	88.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 04:00	415756	1-hr	260	258.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 05:00	415866	1-hr	239	237.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 05:00	415864	1-hr	211	208.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 05:00	415867	1-hr	210	208.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 05:00	415871	1-hr	117	115.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 05:00	415862	1-hr	81	78.8	nae
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 05:00	415861	1-hr	188	185.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 05:00	415860	1-hr	213	211.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 05:00	415868	1-hr	169	167.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 05:00	414755	1-hr	261	259.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 05:00	415869	1-hr	96	94.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 05:00	415756	1-hr	225	222.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 06:00	415866	1-hr	228	226.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 06:00	415864	1-hr	221	219.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 06:00	415867	1-hr	191	189.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 06:00	415871	1-hr	141	139.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 06:00	415861	1-hr	207	204.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 06:00	415860	1-hr	203	201.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 06:00	415868	1-hr	175	173.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 1, 2023 06:00	415872	1-hr	82	79.7	nae
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 06:00	414755	1-hr	226	224.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 06:00	415869	1-hr	101	99.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 06:00	415756	1-hr	207	205.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 07:00	415866	1-hr	223	221.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 07:00	415864	1-hr	245	242.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 07:00	415867	1-hr	189	187.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 07:00	415871	1-hr	129	127.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 07:00	415862	1-hr	114	113.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 07:00	415861	1-hr	217	215.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 07:00	415860	1-hr	203	200.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 07:00	415868	1-hr	184	181.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 1, 2023 07:00	415872	1-hr	82	80.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 07:00	414755	1-hr	198	195.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 07:00	415869	1-hr	117	115.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 07:00	415756	1-hr	196	194.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 08:00	415866	1-hr	211	209.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 08:00	415864	1-hr	210	207.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 08:00	415867	1-hr	169	167.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 08:00	415871	1-hr	120	118.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 08:00	415862	1-hr	176	175.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 08:00	415861	1-hr	215	213.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 08:00	415860	1-hr	227	224.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 08:00	415868	1-hr	183	181.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 08:00	414755	1-hr	208	205.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 08:00	415869	1-hr	129	127.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 08:00	415756	1-hr	219	217.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 09:00	415866	1-hr	195	192.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 09:00	415864	1-hr	201	198.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 09:00	415867	1-hr	144	141.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 09:00	415871	1-hr	124	122.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 09:00	415862	1-hr	225	224.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 09:00	415861	1-hr	194	192.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 09:00	415860	1-hr	201	199.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 09:00	415868	1-hr	172	169.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 09:00	415865	1-hr	129	127.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 09:00	414755	1-hr	254	252.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 09:00	415869	1-hr	124	122.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 09:00	415756	1-hr	211	208.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 10:00	415866	1-hr	189	187.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 10:00	415864	1-hr	225	222.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 10:00	415867	1-hr	111	109.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 10:00	415871	1-hr	98	96.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 10:00	415862	1-hr	169	169.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 10:00	415861	1-hr	190	188.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 10:00	415860	1-hr	205	202.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 10:00	415868	1-hr	148	146.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 10:00	415865	1-hr	200	198.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 10:00	414755	1-hr	245	243.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 1, 2023 10:00	415869	1-hr	80	78.3	nae
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 10:00	415756	1-hr	201	199.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 11:00	415866	1-hr	215	213.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 11:00	415864	1-hr	174	172.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 11:00	415867	1-hr	97	95.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 11:00	415871	1-hr	113	111.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 11:00	415862	1-hr	115	115.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 11:00	415861	1-hr	206	204.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 11:00	415860	1-hr	223	221.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 11:00	415868	1-hr	87	84.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 11:00	415865	1-hr	223	221.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 11:00	414755	1-hr	207	205.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 11:00	415756	1-hr	220	218.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 1, 2023 12:00	415866	1-hr	176	174.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 12:00	415864	1-hr	93	92.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 12:00	415862	1-hr	82	82.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 12:00	415861	1-hr	146	144.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 12:00	415860	1-hr	157	155.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 12:00	415865	1-hr	206	203.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 12:00	414755	1-hr	240	238.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 12:00	415756	1-hr	208	207.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 13:00	415860	1-hr	97	96.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 13:00	415865	1-hr	145	144.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 13:00	414755	1-hr	97	96.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 1, 2023 13:00	415756	1-hr	84	82.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 1, 2023 14:00	415861	1-hr	102	101.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 1, 2023 14:00	415860	1-hr	85	84.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 14:00	415865	1-hr	84	83.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 15:00	415865	1-hr	91	89.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 15:00	414755	1-hr	111	110.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 16:00	415865	1-hr	124	123.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 17:00	415865	1-hr	91	90.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 19:00	415862	1-hr	129	128.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 20:00	415862	1-hr	165	165.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 21:00	415862	1-hr	160	159.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 21:00	414755	1-hr	101	98.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 22:00	415862	1-hr	147	147.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 22:00	414755	1-hr	120	117.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 23:00	415867	1-hr	140	138.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 23:00	415871	1-hr	128	126.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 23:00	415862	1-hr	141	141.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 23:00	415868	1-hr	92	89.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 23:00	414755	1-hr	95	92.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 1, 2023 24:00	415864	1-hr	95	93.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 1, 2023 24:00	415867	1-hr	142	140.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 1, 2023 24:00	415871	1-hr	144	142.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 1, 2023 24:00	415862	1-hr	125	125.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 1, 2023 24:00	415868	1-hr	89	87.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 1, 2023 24:00	415865	1-hr	83	81.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 1, 2023 24:00	414755	1-hr	84	82.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 01:00	415864	1-hr	98	96.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 01:00	415867	1-hr	109	107.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 01:00	415871	1-hr	121	119.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 01:00	415862	1-hr	126	125.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 01:00	415868	1-hr	91	89.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 01:00	415865	1-hr	119	117.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 01:00	415770	1-hr	90	88.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 01:00	415771	1-hr	82	79.7	nae
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 24:00	415866	24-hr	77	75.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 24:00	415864	24-hr	88	86.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 24:00	415867	24-hr	88	85.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 24:00	415871	24-hr	89	87.0	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 24:00	415862	24-hr	74	74.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 2, 2023 24:00	415861	24-hr	74	72.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 24:00	415860	24-hr	80	78.6	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 2, 2023 24:00	415868	24-hr	80	78.1	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 2, 2023 24:00	415865	24-hr	95	93.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 2, 2023 24:00	415873	24-hr	44	42.6	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 2, 2023 24:00	415863	24-hr	45	43.1	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 2, 2023 24:00	415872	24-hr	56	54.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 2, 2023 24:00	415770	24-hr	79	77.3	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 2, 2023 24:00	415869	24-hr	62	60.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 2, 2023 24:00	415771	24-hr	79	77.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 02:00	415866	1-hr	85	83.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 02:00	415864	1-hr	100	98.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 02:00	415867	1-hr	101	98.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 02:00	415871	1-hr	104	102.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 02:00	415862	1-hr	124	124.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 02:00	415861	1-hr	81	79.0	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 02:00	415860	1-hr	83	80.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 02:00	415868	1-hr	89	86.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 02:00	415865	1-hr	132	130.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 02:00	415770	1-hr	106	104.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 2, 2023 02:00	415869	1-hr	83	80.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 02:00	415771	1-hr	100	98.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 03:00	415866	1-hr	100	98.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 03:00	415864	1-hr	112	109.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 03:00	415867	1-hr	102	100.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 03:00	415871	1-hr	101	99.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 03:00	415862	1-hr	124	124.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 03:00	415861	1-hr	93	91.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 03:00	415860	1-hr	96	94.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 03:00	415868	1-hr	85	83.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 03:00	415865	1-hr	139	137.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 03:00	415770	1-hr	115	113.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 03:00	415771	1-hr	112	110.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 04:00	415866	1-hr	106	104.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 04:00	415864	1-hr	118	115.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 04:00	415867	1-hr	107	105.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 04:00	415871	1-hr	106	104.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 04:00	415862	1-hr	120	120.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 04:00	415861	1-hr	100	98.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 04:00	415860	1-hr	112	109.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 04:00	415865	1-hr	138	135.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 04:00	415770	1-hr	109	107.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 04:00	415771	1-hr	115	113.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 05:00	415866	1-hr	110	107.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 05:00	415864	1-hr	117	115.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 05:00	415867	1-hr	108	106.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 05:00	415871	1-hr	110	107.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 05:00	415862	1-hr	119	118.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 05:00	415861	1-hr	105	102.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 05:00	415860	1-hr	109	106.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 05:00	415868	1-hr	82	79.8	nae
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 05:00	415865	1-hr	119	116.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 05:00	415770	1-hr	109	107.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 05:00	415771	1-hr	112	110.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 06:00	415866	1-hr	103	100.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 06:00	415864	1-hr	100	98.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 06:00	415867	1-hr	109	107.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 06:00	415871	1-hr	111	109.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 06:00	415862	1-hr	116	116.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 06:00	415861	1-hr	99	96.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 06:00	415860	1-hr	100	97.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 06:00	415865	1-hr	108	106.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 06:00	415770	1-hr	102	99.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 06:00	415771	1-hr	108	106.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 07:00	415866	1-hr	96	94.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 07:00	415864	1-hr	101	99.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 07:00	415867	1-hr	103	101.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 07:00	415871	1-hr	108	106.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 07:00	415862	1-hr	113	113.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 07:00	415861	1-hr	96	93.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 07:00	415860	1-hr	101	98.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 07:00	415868	1-hr	103	100.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 07:00	415865	1-hr	113	111.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 07:00	415770	1-hr	94	92.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 2, 2023 07:00	415869	1-hr	92	90.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 07:00	415771	1-hr	95	93.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 08:00	415866	1-hr	87	85.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 08:00	415864	1-hr	101	98.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 08:00	415867	1-hr	98	95.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 08:00	415871	1-hr	101	99.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 08:00	415862	1-hr	120	120.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 08:00	415861	1-hr	87	84.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 08:00	415860	1-hr	89	87.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 08:00	415868	1-hr	111	109.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 08:00	415865	1-hr	107	104.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 08:00	415770	1-hr	99	97.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 08:00	415771	1-hr	93	91.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 09:00	415866	1-hr	94	92.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 09:00	415864	1-hr	92	89.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 09:00	415867	1-hr	93	91.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 09:00	415871	1-hr	101	99.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 09:00	415862	1-hr	112	111.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 09:00	415861	1-hr	91	89.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 09:00	415860	1-hr	96	94.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 09:00	415868	1-hr	95	93.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 09:00	415865	1-hr	131	128.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 09:00	415770	1-hr	93	90.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 09:00	415771	1-hr	94	92.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 10:00	415866	1-hr	82	80.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 10:00	415864	1-hr	96	94.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 2, 2023 10:00	415862	1-hr	105	105.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 10:00	415861	1-hr	81	79.4	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 10:00	415860	1-hr	86	84.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 10:00	415868	1-hr	103	101.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 10:00	415865	1-hr	130	127.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 10:00	415770	1-hr	88	86.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 10:00	415771	1-hr	82	80.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 11:00	415866	1-hr	86	84.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 11:00	415864	1-hr	88	86.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 11:00	415867	1-hr	83	80.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 11:00	415871	1-hr	86	84.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 11:00	415861	1-hr	86	84.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 11:00	415860	1-hr	86	84.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 11:00	415865	1-hr	116	113.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 11:00	415770	1-hr	94	91.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 11:00	415771	1-hr	92	90.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 12:00	415866	1-hr	83	81.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 12:00	415864	1-hr	81	79.4	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 12:00	415860	1-hr	81	78.8	nae
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 12:00	415865	1-hr	94	91.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 12:00	415770	1-hr	83	81.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 13:00	415865	1-hr	96	93.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 13:00	415770	1-hr	80	78.4	nae
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 13:00	415771	1-hr	81	78.8	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 14:00	415866	1-hr	88	86.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 14:00	415864	1-hr	96	94.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 14:00	415861	1-hr	83	80.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 14:00	415860	1-hr	92	89.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 14:00	415865	1-hr	104	102.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 14:00	415770	1-hr	92	89.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 14:00	415771	1-hr	96	93.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 2, 2023 15:00	415866	1-hr	96	93.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 15:00	415864	1-hr	99	97.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 15:00	415867	1-hr	93	91.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 15:00	415871	1-hr	85	83.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 2, 2023 15:00	415861	1-hr	92	90.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 2, 2023 15:00	415860	1-hr	98	96.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 15:00	415865	1-hr	110	108.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 2, 2023 15:00	415770	1-hr	89	86.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 2, 2023 15:00	415771	1-hr	95	93.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 16:00	415864	1-hr	85	82.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 16:00	415867	1-hr	92	89.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 16:00	415871	1-hr	94	91.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 2, 2023 16:00	415865	1-hr	105	102.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 20:00	415867	1-hr	92	90.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 20:00	415871	1-hr	85	83.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 21:00	415864	1-hr	85	83.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 21:00	415867	1-hr	115	113.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 21:00	415871	1-hr	116	114.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 21:00	415868	1-hr	105	102.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 2, 2023 21:00	415872	1-hr	93	91.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 2, 2023 21:00	415869	1-hr	94	92.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 2, 2023 22:00	415864	1-hr	97	95.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 2, 2023 22:00	415867	1-hr	109	106.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 22:00	415871	1-hr	109	107.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 22:00	415868	1-hr	106	104.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 2, 2023 22:00	415869	1-hr	95	93.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 2, 2023 22:00	415872	1-hr	92	90.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 2, 2023 23:00	415871	1-hr	82	80.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 2, 2023 23:00	415868	1-hr	90	87.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 2, 2023 23:00	415872	1-hr	81	78.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 5, 2023 13:00	416206	1-hr	98	97.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 5, 2023 14:00	416206	1-hr	89	89.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 5, 2023 15:00	416206	1-hr	81	81.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 6, 2023 01:00	416015	1-hr	86	83.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 6, 2023 24:00	416015	24-hr	36	34.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 6, 2023 22:00	416015	1-hr	134	132.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 6, 2023 23:00	416015	1-hr	141	138.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 6, 2023 24:00	416015	1-hr	97	95.0	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 7, 2023 24:00	416208	24-hr	36	34.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 7, 2023 24:00	416209	24-hr	34	33.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 7, 2023 24:00	416197	24-hr	38	36.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 7, 2023 24:00	416207	24-hr	39	37.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 7, 2023 24:00	416198	24-hr	34	32.9	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 7, 2023 24:00	416200	24-hr	31	29.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 7, 2023 24:00	416083	24-hr	36	34.4	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 7, 2023 24:00	416084	24-hr	37	35.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 7, 2023 24:00	416206	24-hr	54	53.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 7, 2023 10:00	416206	1-hr	159	158.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 7, 2023 10:00	416207	1-hr	92	91.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 7, 2023 10:00	416084	1-hr	109	107.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 7, 2023 11:00	416208	1-hr	102	101.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 7, 2023 11:00	416209	1-hr	110	108.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 7, 2023 11:00	416206	1-hr	173	172.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 7, 2023 11:00	416197	1-hr	152	151.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 7, 2023 11:00	416207	1-hr	110	109.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 7, 2023 11:00	416198	1-hr	100	98.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jul 7, 2023 11:00	416083	1-hr	102	100.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 7, 2023 11:00	416084	1-hr	139	138.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 7, 2023 12:00	416208	1-hr	116	114.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 7, 2023 12:00	416209	1-hr	149	147.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 7, 2023 12:00	416206	1-hr	89	88.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 7, 2023 12:00	416197	1-hr	120	119.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 7, 2023 12:00	416207	1-hr	122	121.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 7, 2023 12:00	416199	1-hr	82	81.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 7, 2023 12:00	416200	1-hr	87	86.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 7, 2023 12:00	416083	1-hr	124	123.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 7, 2023 12:00	416084	1-hr	103	102.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 7, 2023 13:00	416208	1-hr	92	91.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 7, 2023 13:00	416209	1-hr	84	83.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 7, 2023 13:00	416207	1-hr	94	93.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 7, 2023 14:00	416206	1-hr	82	82.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 24:00	416208	24-hr	70	68.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 24:00	416209	24-hr	72	70.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 24:00	416201	24-hr	72	70.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 24:00	416202	24-hr	69	68.0	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 24:00	416206	24-hr	111	111.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 8, 2023 24:00	416197	24-hr	67	65.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 24:00	416207	24-hr	67	65.9	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 8, 2023 24:00	416203	24-hr	65	63.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 8, 2023 24:00	416198	24-hr	79	77.6	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 8, 2023 24:00	416199	24-hr	45	43.9	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 8, 2023 24:00	416200	24-hr	48	46.7	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 8, 2023 24:00	416205	24-hr	55	53.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 8, 2023 24:00	416106	24-hr	90	89.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 8, 2023 24:00	416204	24-hr	61	60.1	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 8, 2023 24:00	416107	24-hr	75	73.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 03:00	416206	1-hr	114	114.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 04:00	416206	1-hr	228	228.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 05:00	416206	1-hr	262	261.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 06:00	416206	1-hr	249	248.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 07:00	416206	1-hr	267	266.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 08:00	416206	1-hr	224	224.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 09:00	416206	1-hr	128	128.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 11:00	416198	1-hr	107	105.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 12:00	416198	1-hr	134	132.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 12:00	416106	1-hr	84	83.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 13:00	416208	1-hr	83	82.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 13:00	416209	1-hr	83	82.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 13:00	416201	1-hr	95	93.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 13:00	416198	1-hr	116	115.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 13:00	416106	1-hr	109	108.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 13:00	416107	1-hr	97	96.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 14:00	416208	1-hr	82	81.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 14:00	416209	1-hr	99	98.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 14:00	416201	1-hr	102	100.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 14:00	416202	1-hr	95	94.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 14:00	416197	1-hr	89	87.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 14:00	416207	1-hr	84	82.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 14:00	416198	1-hr	127	125.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 14:00	416106	1-hr	120	119.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 14:00	416107	1-hr	119	118.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 15:00	416208	1-hr	97	95.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 15:00	416209	1-hr	117	115.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 15:00	416201	1-hr	105	103.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 15:00	416202	1-hr	100	99.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 15:00	416206	1-hr	85	85.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 15:00	416197	1-hr	103	101.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 15:00	416207	1-hr	112	111.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 15:00	416198	1-hr	129	127.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 15:00	416106	1-hr	131	130.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 15:00	416107	1-hr	127	126.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 16:00	416208	1-hr	119	118.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 16:00	416209	1-hr	133	132.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 16:00	416201	1-hr	121	120.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 16:00	416202	1-hr	121	120.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 16:00	416206	1-hr	117	117.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 16:00	416197	1-hr	116	115.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 16:00	416207	1-hr	118	116.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 16:00	416203	1-hr	83	82.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 16:00	416198	1-hr	130	129.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 16:00	416106	1-hr	137	135.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 16:00	416107	1-hr	122	121.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 16:00	416204	1-hr	82	80.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 17:00	416208	1-hr	127	126.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 17:00	416209	1-hr	127	126.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 17:00	416201	1-hr	135	133.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 17:00	416202	1-hr	123	122.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 17:00	416206	1-hr	141	140.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 17:00	416197	1-hr	116	114.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 17:00	416207	1-hr	118	117.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 17:00	416203	1-hr	92	91.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 17:00	416198	1-hr	130	129.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 17:00	416106	1-hr	144	142.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 17:00	416107	1-hr	124	122.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 17:00	416204	1-hr	103	102.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 18:00	416208	1-hr	119	118.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 18:00	416209	1-hr	114	113.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 18:00	416201	1-hr	133	132.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 18:00	416202	1-hr	133	132.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 18:00	416206	1-hr	206	205.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 18:00	416197	1-hr	116	115.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 18:00	416207	1-hr	116	114.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 18:00	416203	1-hr	104	102.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 18:00	416198	1-hr	121	119.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 8, 2023 18:00	416205	1-hr	100	99.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 18:00	416106	1-hr	137	136.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 18:00	416107	1-hr	124	123.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 18:00	416204	1-hr	107	106.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 19:00	416208	1-hr	120	119.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 19:00	416209	1-hr	118	116.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 19:00	416201	1-hr	112	110.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 19:00	416202	1-hr	120	118.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 19:00	416206	1-hr	156	155.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 19:00	416197	1-hr	112	111.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 19:00	416207	1-hr	124	122.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 19:00	416203	1-hr	120	119.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 19:00	416198	1-hr	100	99.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 8, 2023 19:00	416205	1-hr	110	109.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 19:00	416106	1-hr	139	138.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 19:00	416107	1-hr	120	119.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 19:00	416204	1-hr	115	113.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 20:00	416208	1-hr	113	111.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 20:00	416209	1-hr	123	122.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 20:00	416201	1-hr	107	105.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 20:00	416202	1-hr	114	113.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 8, 2023 20:00	416206	1-hr	103	103.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 20:00	416197	1-hr	101	100.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 20:00	416207	1-hr	115	113.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 20:00	416203	1-hr	132	130.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 20:00	416198	1-hr	104	103.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 8, 2023 20:00	416205	1-hr	103	102.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 20:00	416106	1-hr	129	128.2	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 20:00	416107	1-hr	114	113.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 20:00	416204	1-hr	121	120.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 21:00	416208	1-hr	115	114.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 21:00	416209	1-hr	118	116.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 21:00	416201	1-hr	125	124.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 21:00	416202	1-hr	114	113.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 21:00	416197	1-hr	114	113.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 21:00	416207	1-hr	110	108.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 21:00	416203	1-hr	130	128.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 21:00	416198	1-hr	104	103.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 8, 2023 21:00	416205	1-hr	97	95.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 21:00	416106	1-hr	156	154.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 21:00	416107	1-hr	119	118.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 21:00	416204	1-hr	129	127.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 22:00	416208	1-hr	116	114.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 22:00	416209	1-hr	108	106.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 22:00	416201	1-hr	115	114.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 22:00	416202	1-hr	115	114.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 22:00	416197	1-hr	114	113.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 22:00	416207	1-hr	109	107.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 22:00	416203	1-hr	131	129.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 22:00	416198	1-hr	103	101.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 8, 2023 22:00	416205	1-hr	81	78.7	nae
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 22:00	416106	1-hr	199	197.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 22:00	416107	1-hr	114	113.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 22:00	416204	1-hr	124	121.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 23:00	416208	1-hr	119	116.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 23:00	416209	1-hr	114	113.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 23:00	416201	1-hr	111	109.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 23:00	416202	1-hr	116	115.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 23:00	416197	1-hr	115	113.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 23:00	416198	1-hr	101	98.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 23:00	416106	1-hr	164	162.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 23:00	416107	1-hr	117	115.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 23:00	416207	1-hr	110	107.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 23:00	416203	1-hr	126	123.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 23:00	416204	1-hr	106	104.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 8, 2023 24:00	416208	1-hr	123	121.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 8, 2023 24:00	416209	1-hr	131	130.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 8, 2023 24:00	416201	1-hr	114	112.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 8, 2023 24:00	416202	1-hr	119	116.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 8, 2023 24:00	416197	1-hr	109	107.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 8, 2023 24:00	416198	1-hr	101	99.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 8, 2023 24:00	416106	1-hr	142	141.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 8, 2023 24:00	416107	1-hr	124	122.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 8, 2023 24:00	416207	1-hr	109	107.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 8, 2023 24:00	416203	1-hr	131	129.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 8, 2023 24:00	416204	1-hr	97	94.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 01:00	416208	1-hr	122	120.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 01:00	416209	1-hr	125	122.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 01:00	416201	1-hr	110	107.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 01:00	416202	1-hr	117	115.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 01:00	416197	1-hr	109	107.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 01:00	416203	1-hr	131	129.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 9, 2023 01:00	416198	1-hr	128	125.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 9, 2023 01:00	416124	1-hr	149	147.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 01:00	416125	1-hr	122	120.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 01:00	416207	1-hr	117	114.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 01:00	416204	1-hr	95	93.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 9, 2023 24:00	416199	24-hr	47	45.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 9, 2023 24:00	416124	24-hr	51	48.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 9, 2023 24:00	416204	24-hr	47	45.4	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 9, 2023 24:00	416125	24-hr	47	45.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 24:00	416208	24-hr	48	46.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 24:00	416209	24-hr	61	60.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 24:00	416201	24-hr	54	52.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 24:00	416202	24-hr	53	51.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 9, 2023 24:00	416197	24-hr	45	43.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 24:00	416207	24-hr	48	46.4	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 9, 2023 24:00	416203	24-hr	48	47.0	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 9, 2023 24:00	416198	24-hr	32	31.2	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 9, 2023 24:00	416200	24-hr	45	43.3	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 9, 2023 24:00	416205	24-hr	43	41.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 02:00	416208	1-hr	124	122.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 02:00	416209	1-hr	126	124.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 02:00	416201	1-hr	110	108.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 02:00	416202	1-hr	115	113.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 02:00	416197	1-hr	115	113.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 02:00	416203	1-hr	128	126.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 9, 2023 02:00	416198	1-hr	146	144.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 9, 2023 02:00	416124	1-hr	147	145.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 02:00	416125	1-hr	142	139.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 02:00	416207	1-hr	119	117.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 02:00	416204	1-hr	94	91.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 03:00	416208	1-hr	133	131.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 03:00	416209	1-hr	141	139.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 03:00	416201	1-hr	111	108.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 03:00	416202	1-hr	116	114.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 03:00	416203	1-hr	126	124.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 9, 2023 03:00	416198	1-hr	129	127.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 9, 2023 03:00	416124	1-hr	128	125.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 03:00	416125	1-hr	138	136.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 03:00	416197	1-hr	123	120.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 03:00	416207	1-hr	120	118.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 03:00	416204	1-hr	91	89.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 04:00	416208	1-hr	126	124.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 04:00	416209	1-hr	149	147.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 04:00	416201	1-hr	110	107.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 04:00	416202	1-hr	117	114.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 04:00	416203	1-hr	122	120.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 9, 2023 04:00	416198	1-hr	87	85.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 04:00	416125	1-hr	118	116.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 04:00	416197	1-hr	127	125.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 04:00	416207	1-hr	127	125.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 04:00	416204	1-hr	93	90.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 9, 2023 04:00	416124	1-hr	109	107.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 05:00	416208	1-hr	115	112.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 05:00	416209	1-hr	150	148.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 05:00	416201	1-hr	129	127.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 05:00	416202	1-hr	116	113.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 05:00	416203	1-hr	104	102.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 05:00	416125	1-hr	107	105.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 05:00	416197	1-hr	121	118.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 05:00	416207	1-hr	118	116.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 05:00	416204	1-hr	90	88.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 9, 2023 06:00	416208	1-hr	95	92.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 06:00	416209	1-hr	149	146.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 06:00	416201	1-hr	140	137.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 06:00	416202	1-hr	112	110.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 06:00	416207	1-hr	110	108.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 06:00	416203	1-hr	93	91.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 9, 2023 06:00	416124	1-hr	83	81.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 06:00	416204	1-hr	93	90.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 9, 2023 06:00	416125	1-hr	92	89.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 06:00	416197	1-hr	111	109.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 07:00	416209	1-hr	119	117.6	exc



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Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 07:00	416201	1-hr	132	129.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 07:00	416202	1-hr	109	107.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 9, 2023 07:00	416207	1-hr	95	92.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 07:00	416203	1-hr	89	87.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 9, 2023 07:00	416197	1-hr	81	78.9	nae
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 07:00	416204	1-hr	96	93.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 08:00	416209	1-hr	108	106.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 9, 2023 08:00	416201	1-hr	86	84.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 08:00	416202	1-hr	101	99.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 9, 2023 08:00	416203	1-hr	91	89.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 9, 2023 08:00	416199	1-hr	91	89.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 9, 2023 08:00	416205	1-hr	80	78.4	nae
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 08:00	416204	1-hr	97	95.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 9, 2023 09:00	416209	1-hr	98	97.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 9, 2023 09:00	416202	1-hr	88	86.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 9, 2023 09:00	416199	1-hr	113	111.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 9, 2023 09:00	416200	1-hr	94	92.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 9, 2023 09:00	416205	1-hr	93	91.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 09:00	416204	1-hr	98	96.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 9, 2023 10:00	416199	1-hr	98	97.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 9, 2023 10:00	416200	1-hr	93	91.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 9, 2023 10:00	416205	1-hr	88	86.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 9, 2023 10:00	416204	1-hr	85	84.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 11, 2023 21:00	416616	1-hr	81	79.1	nae
AAAQG	AMS23 Fort Hills	PM2.5	Jul 11, 2023 22:00	416276	1-hr	95	93.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 24:00	416620	24-hr	60	58.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 12, 2023 24:00	416622	24-hr	37	36.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 12, 2023 24:00	416624	24-hr	30	28.6	nae
AAAQO	AMS09 Barge Landing	PM2.5	Jul 12, 2023 24:00	416617	24-hr	46	44.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 24:00	416618	24-hr	45	43.9	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 12, 2023 24:00	416625	24-hr	30	28.4	nae
AAAQO	AMS17 Wapasu	PM2.5	Jul 12, 2023 24:00	416548	24-hr	47	45.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 12, 2023 24:00	416312	24-hr	74	72.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 12, 2023 24:00	416313	24-hr	53	52.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 24:00	416619	24-hr	54	52.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 24:00	416621	24-hr	48	48.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 16:00	416312	1-hr	96	94.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 17:00	416312	1-hr	89	88.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 18:00	416617	1-hr	80	79.4	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 18:00	416618	1-hr	82	81.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 18:00	416548	1-hr	123	121.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 18:00	416312	1-hr	85	83.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 19:00	416619	1-hr	84	83.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 19:00	416620	1-hr	96	94.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 19:00	416621	1-hr	136	136.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 19:00	416617	1-hr	84	83.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 19:00	416618	1-hr	87	85.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 19:00	416548	1-hr	101	100.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 19:00	416312	1-hr	112	110.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 20:00	416619	1-hr	86	84.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 20:00	416620	1-hr	101	100.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 20:00	416621	1-hr	150	150.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 20:00	416617	1-hr	85	84.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 20:00	416618	1-hr	92	90.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 20:00	416548	1-hr	86	84.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 20:00	416312	1-hr	91	89.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 21:00	416619	1-hr	89	87.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 21:00	416620	1-hr	102	100.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 12, 2023 21:00	416622	1-hr	104	103.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 12, 2023 21:00	416624	1-hr	96	94.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 21:00	416621	1-hr	97	97.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 21:00	416618	1-hr	81	79.9	nae
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 21:00	416548	1-hr	109	107.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 21:00	416312	1-hr	158	157.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 12, 2023 21:00	416313	1-hr	115	114.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 22:00	416619	1-hr	220	219.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 22:00	416620	1-hr	180	179.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 12, 2023 22:00	416622	1-hr	106	104.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 12, 2023 22:00	416624	1-hr	95	94.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 22:00	416621	1-hr	157	156.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 22:00	416617	1-hr	104	102.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 22:00	416618	1-hr	109	107.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 12, 2023 22:00	416625	1-hr	106	104.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 22:00	416548	1-hr	140	137.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 22:00	416312	1-hr	323	321.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 12, 2023 22:00	416313	1-hr	248	247.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 23:00	416619	1-hr	230	228.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 23:00	416620	1-hr	259	257.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 12, 2023 23:00	416622	1-hr	129	126.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 12, 2023 23:00	416624	1-hr	96	93.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 23:00	416621	1-hr	211	211.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 23:00	416617	1-hr	172	170.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 23:00	416618	1-hr	182	180.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 12, 2023 23:00	416625	1-hr	101	99.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 23:00	416548	1-hr	149	147.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 23:00	416312	1-hr	257	254.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 12, 2023 23:00	416313	1-hr	201	199.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 12, 2023 24:00	416619	1-hr	229	227.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 12, 2023 24:00	416620	1-hr	261	259.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 12, 2023 24:00	416622	1-hr	186	184.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 12, 2023 24:00	416624	1-hr	96	94.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 12, 2023 24:00	416621	1-hr	211	210.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 12, 2023 24:00	416617	1-hr	197	194.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 12, 2023 24:00	416618	1-hr	199	197.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 12, 2023 24:00	416625	1-hr	132	130.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 12, 2023 24:00	416548	1-hr	129	127.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 12, 2023 24:00	416312	1-hr	290	287.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 12, 2023 24:00	416313	1-hr	244	241.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 01:00	416619	1-hr	241	239.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 01:00	416620	1-hr	231	229.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 01:00	416622	1-hr	207	204.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 01:00	416624	1-hr	122	120.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 01:00	416621	1-hr	207	206.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 01:00	416617	1-hr	202	199.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 01:00	416618	1-hr	226	224.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 01:00	416625	1-hr	163	161.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 01:00	416548	1-hr	141	139.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 01:00	416358	1-hr	306	303.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 01:00	416359	1-hr	286	284.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 24:00	416619	24-hr	220	218.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 24:00	416620	24-hr	235	233.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 24:00	416622	24-hr	206	204.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 24:00	416624	24-hr	189	187.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 24:00	416621	24-hr	158	157.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 13, 2023 24:00	416617	24-hr	208	206.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 24:00	416618	24-hr	221	220.1	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 13, 2023 24:00	416625	24-hr	173	171.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 24:00	416627	24-hr	134	132.6	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 13, 2023 24:00	416616	24-hr	115	113.3	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 13, 2023 24:00	416628	24-hr	125	123.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 13, 2023 24:00	416358	24-hr	243	241.6	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 13, 2023 24:00	416629	24-hr	128	127.0	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 13, 2023 24:00	416359	24-hr	236	234.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 13, 2023 24:00	416548	24-hr	189	187.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 02:00	416619	1-hr	271	268.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 02:00	416620	1-hr	272	270.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 02:00	416622	1-hr	216	213.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 02:00	416624	1-hr	137	135.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 02:00	416621	1-hr	221	221.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 02:00	416617	1-hr	250	248.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 02:00	416618	1-hr	289	286.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 02:00	416625	1-hr	201	199.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 02:00	416548	1-hr	161	159.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 02:00	416627	1-hr	117	114.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 02:00	416628	1-hr	97	94.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 02:00	416358	1-hr	250	248.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 02:00	416629	1-hr	93	91.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 02:00	416359	1-hr	283	281.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 03:00	416619	1-hr	249	246.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 03:00	416620	1-hr	286	284.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 03:00	416622	1-hr	242	240.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 03:00	416624	1-hr	174	171.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 03:00	416621	1-hr	205	204.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 03:00	416617	1-hr	233	231.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 03:00	416618	1-hr	264	261.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 03:00	416625	1-hr	211	209.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 03:00	416548	1-hr	177	175.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 03:00	416627	1-hr	133	131.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 03:00	416628	1-hr	122	119.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 03:00	416358	1-hr	251	248.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 03:00	416629	1-hr	123	121.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 03:00	416359	1-hr	247	244.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 04:00	416619	1-hr	223	220.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 04:00	416620	1-hr	262	260.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 04:00	416622	1-hr	236	233.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 04:00	416624	1-hr	194	191.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 04:00	416621	1-hr	163	162.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 04:00	416617	1-hr	217	215.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 04:00	416618	1-hr	240	238.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 04:00	416625	1-hr	217	215.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 04:00	416548	1-hr	253	251.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 04:00	416627	1-hr	158	156.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 04:00	416616	1-hr	110	108.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 04:00	416628	1-hr	143	141.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 04:00	416358	1-hr	314	311.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 04:00	416629	1-hr	156	153.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 04:00	416359	1-hr	289	287.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 05:00	416619	1-hr	253	251.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 05:00	416620	1-hr	288	286.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 05:00	416622	1-hr	231	228.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 05:00	416624	1-hr	205	203.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 05:00	416621	1-hr	129	128.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 05:00	416617	1-hr	215	212.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 05:00	416618	1-hr	228	226.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 05:00	416625	1-hr	224	221.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 05:00	416548	1-hr	255	252.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 05:00	416627	1-hr	201	199.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 05:00	416616	1-hr	154	151.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 05:00	416628	1-hr	169	166.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 05:00	416358	1-hr	335	332.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 05:00	416629	1-hr	183	181.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 05:00	416359	1-hr	355	353.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 06:00	416619	1-hr	271	268.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 06:00	416620	1-hr	327	325.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 06:00	416622	1-hr	288	286.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 06:00	416624	1-hr	230	228.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 06:00	416621	1-hr	98	97.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 06:00	416617	1-hr	229	227.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 06:00	416618	1-hr	236	234.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 06:00	416625	1-hr	209	207.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 06:00	416548	1-hr	245	243.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 06:00	416627	1-hr	212	210.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 06:00	416616	1-hr	201	199.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 06:00	416628	1-hr	188	185.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 06:00	416358	1-hr	305	302.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 06:00	416359	1-hr	313	311.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 06:00	416629	1-hr	181	178.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 07:00	416619	1-hr	244	242.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 07:00	416620	1-hr	342	340.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 07:00	416622	1-hr	318	315.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 07:00	416624	1-hr	278	275.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 07:00	416617	1-hr	246	244.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 07:00	416618	1-hr	257	254.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 07:00	416625	1-hr	210	207.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 07:00	416548	1-hr	279	277.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 07:00	416627	1-hr	207	205.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 07:00	416616	1-hr	207	205.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 07:00	416628	1-hr	194	192.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 07:00	416358	1-hr	277	274.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 07:00	416359	1-hr	257	255.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 07:00	416629	1-hr	181	179.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 08:00	416619	1-hr	233	230.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 08:00	416620	1-hr	291	289.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 08:00	416622	1-hr	271	269.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 08:00	416624	1-hr	299	297.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 08:00	416621	1-hr	97	96.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 08:00	416617	1-hr	222	219.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 08:00	416618	1-hr	259	257.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 08:00	416625	1-hr	256	254.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 08:00	416548	1-hr	243	241.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 08:00	416627	1-hr	207	205.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 08:00	416616	1-hr	211	208.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 08:00	416628	1-hr	201	199.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 08:00	416358	1-hr	228	226.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 08:00	416629	1-hr	180	178.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 08:00	416359	1-hr	232	230.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 09:00	416619	1-hr	163	162.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 09:00	416620	1-hr	202	200.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 09:00	416622	1-hr	241	238.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 09:00	416624	1-hr	277	275.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 09:00	416621	1-hr	330	330.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 09:00	416617	1-hr	169	167.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 09:00	416618	1-hr	184	182.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 09:00	416625	1-hr	266	263.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 09:00	416548	1-hr	187	184.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 09:00	416627	1-hr	221	218.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 09:00	416616	1-hr	216	214.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 09:00	416628	1-hr	194	192.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 09:00	416358	1-hr	166	164.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 09:00	416629	1-hr	197	194.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 09:00	416359	1-hr	171	170.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 10:00	416619	1-hr	97	96.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 10:00	416620	1-hr	126	124.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 10:00	416622	1-hr	196	194.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 10:00	416624	1-hr	234	232.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 10:00	416621	1-hr	322	322.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 10:00	416617	1-hr	99	98.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 10:00	416618	1-hr	99	98.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 10:00	416625	1-hr	234	232.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 10:00	416548	1-hr	125	123.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 10:00	416627	1-hr	233	230.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 10:00	416616	1-hr	244	241.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 10:00	416628	1-hr	198	196.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 10:00	416358	1-hr	102	101.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 10:00	416629	1-hr	171	168.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 10:00	416359	1-hr	95	94.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 11:00	416622	1-hr	81	80.0	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 11:00	416624	1-hr	84	82.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 11:00	416621	1-hr	159	158.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 11:00	416625	1-hr	125	123.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 11:00	416548	1-hr	135	133.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 11:00	416627	1-hr	231	229.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 11:00	416616	1-hr	238	236.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 11:00	416628	1-hr	149	147.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 11:00	416629	1-hr	106	104.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 12:00	416621	1-hr	109	109.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 12:00	416625	1-hr	82	80.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 12:00	416548	1-hr	101	99.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 12:00	416627	1-hr	169	168.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 12:00	416628	1-hr	81	80.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 12:00	416629	1-hr	86	84.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 12:00	416616	1-hr	165	164.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 13:00	416621	1-hr	122	122.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 13:00	416627	1-hr	94	93.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 13:00	416616	1-hr	85	84.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 13:00	416628	1-hr	83	81.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 14:00	416548	1-hr	114	113.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 14:00	416358	1-hr	85	84.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 14:00	416621	1-hr	253	253.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 15:00	416619	1-hr	96	94.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 15:00	416621	1-hr	245	245.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 15:00	416617	1-hr	83	81.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 15:00	416618	1-hr	85	83.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 15:00	416548	1-hr	129	127.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 15:00	416358	1-hr	108	107.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 15:00	416359	1-hr	97	95.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 16:00	416619	1-hr	105	104.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 16:00	416620	1-hr	105	104.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 16:00	416621	1-hr	235	235.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 16:00	416617	1-hr	100	98.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 16:00	416618	1-hr	102	101.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 16:00	416548	1-hr	126	124.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 16:00	416358	1-hr	138	136.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 16:00	416359	1-hr	118	116.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 17:00	416619	1-hr	134	133.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 17:00	416620	1-hr	127	126.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 17:00	416622	1-hr	98	97.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 17:00	416624	1-hr	97	96.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 17:00	416621	1-hr	209	209.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 17:00	416617	1-hr	128	126.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 17:00	416618	1-hr	128	127.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 17:00	416625	1-hr	90	89.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 17:00	416358	1-hr	165	164.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 17:00	416359	1-hr	138	137.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 17:00	416548	1-hr	147	146.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 18:00	416619	1-hr	142	141.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 18:00	416620	1-hr	152	151.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 18:00	416622	1-hr	114	113.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 18:00	416624	1-hr	114	112.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 18:00	416621	1-hr	252	252.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 18:00	416617	1-hr	141	139.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 18:00	416618	1-hr	141	140.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 18:00	416625	1-hr	104	102.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 18:00	416358	1-hr	196	194.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 18:00	416629	1-hr	80	79.2	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 18:00	416359	1-hr	148	147.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 18:00	416548	1-hr	210	208.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 19:00	416619	1-hr	264	263.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 19:00	416620	1-hr	182	181.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 19:00	416622	1-hr	132	131.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 19:00	416624	1-hr	118	117.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 13, 2023 19:00	416621	1-hr	272	271.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 19:00	416617	1-hr	265	264.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 19:00	416618	1-hr	239	238.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 19:00	416625	1-hr	110	108.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 19:00	416358	1-hr	348	347.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 19:00	416629	1-hr	88	86.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 19:00	416359	1-hr	264	263.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 19:00	416548	1-hr	272	270.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 20:00	416619	1-hr	490	489.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 20:00	416620	1-hr	420	419.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 20:00	416622	1-hr	208	206.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 20:00	416624	1-hr	210	208.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 20:00	416617	1-hr	451	450.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 20:00	416618	1-hr	442	440.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 20:00	416625	1-hr	137	136.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 20:00	416628	1-hr	85	83.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 20:00	416358	1-hr	453	452.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 20:00	416629	1-hr	94	93.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 20:00	416359	1-hr	451	450.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 20:00	416548	1-hr	267	265.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 21:00	416619	1-hr	407	405.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 21:00	416620	1-hr	436	435.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 21:00	416622	1-hr	368	367.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 21:00	416624	1-hr	337	336.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 21:00	416617	1-hr	402	400.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 21:00	416618	1-hr	430	429.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 21:00	416625	1-hr	225	223.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 21:00	416627	1-hr	82	79.9	nae
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 21:00	416628	1-hr	100	99.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 21:00	416358	1-hr	397	395.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 21:00	416629	1-hr	127	125.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 21:00	416359	1-hr	431	429.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 21:00	416548	1-hr	288	286.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 22:00	416619	1-hr	390	388.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 22:00	416620	1-hr	423	421.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 22:00	416622	1-hr	418	416.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 22:00	416624	1-hr	366	365.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 22:00	416617	1-hr	376	373.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 22:00	416618	1-hr	413	411.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 22:00	416625	1-hr	281	279.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 22:00	416627	1-hr	131	128.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 22:00	416616	1-hr	112	110.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 22:00	416628	1-hr	124	121.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 22:00	416358	1-hr	419	417.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 22:00	416629	1-hr	216	214.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 22:00	416359	1-hr	451	449.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 22:00	416548	1-hr	300	297.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 23:00	416619	1-hr	396	394.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 23:00	416620	1-hr	450	448.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 23:00	416622	1-hr	397	395.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 23:00	416624	1-hr	390	388.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 23:00	416617	1-hr	380	378.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 23:00	416618	1-hr	439	436.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 23:00	416625	1-hr	267	265.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 23:00	416627	1-hr	145	143.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 23:00	416616	1-hr	119	117.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 23:00	416628	1-hr	207	205.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 23:00	416358	1-hr	401	399.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 23:00	416629	1-hr	251	248.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 23:00	416359	1-hr	420	417.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 23:00	416548	1-hr	232	229.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 13, 2023 24:00	416619	1-hr	384	382.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 13, 2023 24:00	416620	1-hr	416	413.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 13, 2023 24:00	416622	1-hr	431	429.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 13, 2023 24:00	416624	1-hr	406	403.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 13, 2023 24:00	416617	1-hr	387	385.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 13, 2023 24:00	416618	1-hr	413	410.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 13, 2023 24:00	416625	1-hr	321	319.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 13, 2023 24:00	416627	1-hr	222	219.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 13, 2023 24:00	416616	1-hr	156	154.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 13, 2023 24:00	416628	1-hr	246	244.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 13, 2023 24:00	416358	1-hr	405	402.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 13, 2023 24:00	416629	1-hr	254	252.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 13, 2023 24:00	416359	1-hr	406	404.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 13, 2023 24:00	416548	1-hr	86	84.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 01:00	416619	1-hr	348	346.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 01:00	416620	1-hr	370	367.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 01:00	416622	1-hr	415	413.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 01:00	416624	1-hr	406	404.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 01:00	416617	1-hr	349	346.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 01:00	416618	1-hr	379	377.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 01:00	416625	1-hr	362	360.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 01:00	416627	1-hr	268	265.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 01:00	416616	1-hr	207	204.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 01:00	416628	1-hr	253	251.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 01:00	416398	1-hr	385	383.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 01:00	416629	1-hr	313	310.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 01:00	416399	1-hr	391	388.7	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 24:00	416619	24-hr	270	267.8	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 24:00	416620	24-hr	272	270.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 24:00	416622	24-hr	272	271.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 24:00	416624	24-hr	256	254.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 14, 2023 24:00	416398	24-hr	290	288.2	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 14, 2023 24:00	416399	24-hr	296	294.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 24:00	416621	24-hr	167	167.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 14, 2023 24:00	416617	24-hr	248	246.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 24:00	416618	24-hr	286	283.9	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 14, 2023 24:00	416625	24-hr	200	197.8	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 14, 2023 24:00	416548	24-hr	114	111.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 24:00	416627	24-hr	231	228.7	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 14, 2023 24:00	416616	24-hr	215	212.8	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 14, 2023 24:00	416628	24-hr	152	150.6	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 14, 2023 24:00	416629	24-hr	154	151.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 02:00	416619	1-hr	331	329.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 02:00	416620	1-hr	246	244.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 02:00	416622	1-hr	366	363.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 02:00	416624	1-hr	365	362.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 02:00	416617	1-hr	342	339.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 02:00	416618	1-hr	354	352.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 02:00	416625	1-hr	315	313.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 02:00	416627	1-hr	298	296.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 02:00	416616	1-hr	263	260.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 02:00	416628	1-hr	271	269.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 02:00	416398	1-hr	388	385.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 02:00	416629	1-hr	326	324.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 02:00	416399	1-hr	393	391.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 03:00	416619	1-hr	326	324.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 03:00	416620	1-hr	280	278.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 03:00	416622	1-hr	334	332.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 03:00	416624	1-hr	317	315.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 03:00	416617	1-hr	326	324.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 03:00	416618	1-hr	328	326.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 03:00	416625	1-hr	240	238.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 03:00	416627	1-hr	378	376.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 03:00	416616	1-hr	313	311.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 03:00	416628	1-hr	293	293.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 03:00	416398	1-hr	391	388.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 03:00	416629	1-hr	216	214.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 03:00	416399	1-hr	410	407.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 04:00	416619	1-hr	350	347.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 04:00	416620	1-hr	343	340.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 04:00	416622	1-hr	374	372.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 04:00	416624	1-hr	306	304.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 04:00	416617	1-hr	302	300.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 04:00	416618	1-hr	388	386.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 04:00	416625	1-hr	189	187.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 04:00	416627	1-hr	390	388.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 04:00	416616	1-hr	339	337.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 04:00	416628	1-hr	268	265.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 04:00	416398	1-hr	334	331.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 04:00	416629	1-hr	165	163.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 04:00	416399	1-hr	413	411.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 05:00	416619	1-hr	364	362.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 05:00	416620	1-hr	434	432.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 05:00	416622	1-hr	373	371.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 05:00	416624	1-hr	344	342.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 05:00	416617	1-hr	277	275.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 05:00	416618	1-hr	412	410.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 05:00	416625	1-hr	253	251.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 05:00	416627	1-hr	365	362.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 05:00	416616	1-hr	343	341.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 05:00	416628	1-hr	200	198.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 05:00	416398	1-hr	392	389.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 05:00	416629	1-hr	137	134.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 05:00	416399	1-hr	451	449.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 06:00	416619	1-hr	350	347.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 06:00	416620	1-hr	440	437.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 06:00	416622	1-hr	346	344.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 06:00	416624	1-hr	339	336.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 06:00	416617	1-hr	272	270.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 06:00	416618	1-hr	420	417.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 06:00	416625	1-hr	225	223.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 06:00	416627	1-hr	325	322.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 06:00	416616	1-hr	332	330.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 06:00	416628	1-hr	152	149.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 06:00	416398	1-hr	189	186.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 06:00	416629	1-hr	117	115.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 06:00	416399	1-hr	374	372.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 07:00	416619	1-hr	157	154.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 07:00	416620	1-hr	275	273.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 07:00	416622	1-hr	394	392.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 07:00	416624	1-hr	374	372.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 07:00	416617	1-hr	146	144.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 07:00	416618	1-hr	230	228.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 07:00	416625	1-hr	248	245.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 07:00	416627	1-hr	318	316.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 07:00	416616	1-hr	350	348.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 07:00	416628	1-hr	157	155.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 07:00	416398	1-hr	124	122.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 07:00	416629	1-hr	132	130.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 07:00	416399	1-hr	138	136.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 08:00	416620	1-hr	101	98.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 08:00	416622	1-hr	393	391.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 08:00	416624	1-hr	331	329.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 08:00	416618	1-hr	87	85.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 08:00	416625	1-hr	262	260.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 08:00	416627	1-hr	274	272.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 08:00	416616	1-hr	314	312.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 08:00	416628	1-hr	147	144.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 08:00	416629	1-hr	149	147.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 09:00	416620	1-hr	99	96.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 09:00	416622	1-hr	138	135.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 09:00	416624	1-hr	154	151.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 09:00	416625	1-hr	143	140.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 09:00	416627	1-hr	267	265.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 09:00	416616	1-hr	285	282.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 09:00	416628	1-hr	120	118.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 09:00	416629	1-hr	149	146.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 10:00	416619	1-hr	139	136.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 10:00	416622	1-hr	102	100.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 10:00	416621	1-hr	100	100.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 10:00	416617	1-hr	101	98.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 10:00	416618	1-hr	123	121.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 10:00	416627	1-hr	237	235.1	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 10:00	416616	1-hr	235	233.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 10:00	416628	1-hr	120	117.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 10:00	416398	1-hr	212	210.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 10:00	416629	1-hr	124	122.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 10:00	416399	1-hr	222	220.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 11:00	416619	1-hr	284	282.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 11:00	416620	1-hr	284	282.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 11:00	416622	1-hr	108	106.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 11:00	416621	1-hr	203	202.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 11:00	416617	1-hr	267	265.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 11:00	416618	1-hr	276	274.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 11:00	416627	1-hr	195	193.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 11:00	416398	1-hr	312	310.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 11:00	416616	1-hr	178	176.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 11:00	416628	1-hr	93	91.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 11:00	416629	1-hr	105	103.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 11:00	416399	1-hr	268	265.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 12:00	416619	1-hr	288	286.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 12:00	416620	1-hr	293	291.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 12:00	416622	1-hr	254	252.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 12:00	416624	1-hr	114	112.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 12:00	416621	1-hr	179	178.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 12:00	416617	1-hr	248	246.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 12:00	416618	1-hr	287	285.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 12:00	416548	1-hr	92	90.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 12:00	416627	1-hr	105	103.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 12:00	416398	1-hr	344	342.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 12:00	416616	1-hr	102	100.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 12:00	416628	1-hr	104	102.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 12:00	416399	1-hr	325	322.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 13:00	416619	1-hr	314	311.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 13:00	416620	1-hr	253	251.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 13:00	416622	1-hr	280	278.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 13:00	416624	1-hr	222	220.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 13:00	416621	1-hr	117	116.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 13:00	416617	1-hr	295	294.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 13:00	416618	1-hr	309	307.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 13:00	416625	1-hr	124	121.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 13:00	416548	1-hr	125	122.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 13:00	416627	1-hr	132	130.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 13:00	416398	1-hr	337	335.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 13:00	416616	1-hr	99	96.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 13:00	416399	1-hr	342	339.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 14:00	416619	1-hr	313	311.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 14:00	416620	1-hr	291	289.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 14:00	416624	1-hr	282	280.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 14:00	416621	1-hr	121	121.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 14:00	416617	1-hr	281	280.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 14:00	416618	1-hr	329	327.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 14:00	416625	1-hr	181	178.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 14:00	416548	1-hr	184	181.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 14:00	416627	1-hr	177	175.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 14:00	416398	1-hr	268	266.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 14:00	416616	1-hr	84	82.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 14:00	416399	1-hr	326	324.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 15:00	416619	1-hr	221	220.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 15:00	416620	1-hr	261	259.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 15:00	416624	1-hr	242	240.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 15:00	416621	1-hr	214	213.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 15:00	416617	1-hr	200	199.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 15:00	416618	1-hr	234	232.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 15:00	416625	1-hr	204	201.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 15:00	416548	1-hr	311	309.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 15:00	416627	1-hr	196	193.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 15:00	416616	1-hr	116	114.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 15:00	416398	1-hr	233	231.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 15:00	416399	1-hr	215	213.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 15:00	416629	1-hr	139	136.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 16:00	416619	1-hr	219	217.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 16:00	416620	1-hr	244	243.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 16:00	416622	1-hr	224	222.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 16:00	416624	1-hr	219	218.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 16:00	416621	1-hr	420	419.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 16:00	416617	1-hr	216	214.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 16:00	416625	1-hr	163	161.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 16:00	416548	1-hr	280	278.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 16:00	416627	1-hr	191	189.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 16:00	416616	1-hr	205	202.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 16:00	416628	1-hr	130	127.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 16:00	416398	1-hr	249	248.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 16:00	416629	1-hr	147	144.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 16:00	416399	1-hr	214	212.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 16:00	416618	1-hr	225	223.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 17:00	416619	1-hr	233	232.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 17:00	416620	1-hr	247	246.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 17:00	416622	1-hr	234	233.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 17:00	416624	1-hr	247	246.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 17:00	416621	1-hr	404	404.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 17:00	416617	1-hr	224	223.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 17:00	416625	1-hr	177	175.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 17:00	416548	1-hr	247	245.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 17:00	416627	1-hr	191	188.8	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 17:00	416616	1-hr	193	190.7	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 17:00	416628	1-hr	145	143.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 17:00	416398	1-hr	287	286.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 17:00	416629	1-hr	150	148.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 17:00	416399	1-hr	253	251.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 17:00	416618	1-hr	242	240.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 18:00	416619	1-hr	242	240.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 18:00	416620	1-hr	248	246.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 18:00	416622	1-hr	239	237.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 18:00	416624	1-hr	250	248.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 18:00	416621	1-hr	208	207.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 18:00	416617	1-hr	234	232.5	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 18:00	416625	1-hr	202	200.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 18:00	416548	1-hr	290	288.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 18:00	416627	1-hr	183	181.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 18:00	416616	1-hr	178	176.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 18:00	416628	1-hr	150	150.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 18:00	416398	1-hr	362	360.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 18:00	416629	1-hr	157	155.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 18:00	416399	1-hr	259	256.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 18:00	416618	1-hr	241	239.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 19:00	416619	1-hr	355	353.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 19:00	416620	1-hr	243	241.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 19:00	416622	1-hr	233	230.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 19:00	416624	1-hr	228	227.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 19:00	416621	1-hr	243	242.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 19:00	416617	1-hr	350	348.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 19:00	416625	1-hr	193	190.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 19:00	416548	1-hr	288	286.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 19:00	416627	1-hr	180	177.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 19:00	416616	1-hr	172	170.0	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 19:00	416628	1-hr	144	145.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 19:00	416398	1-hr	391	389.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 19:00	416629	1-hr	168	166.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 19:00	416399	1-hr	368	365.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 19:00	416618	1-hr	353	351.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 20:00	416619	1-hr	363	361.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 20:00	416620	1-hr	325	323.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 20:00	416622	1-hr	219	217.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 20:00	416624	1-hr	224	222.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 20:00	416621	1-hr	315	314.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 20:00	416617	1-hr	322	319.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 20:00	416625	1-hr	197	194.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 20:00	416548	1-hr	197	194.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 20:00	416627	1-hr	168	166.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 20:00	416616	1-hr	165	162.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 20:00	416628	1-hr	146	144.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 20:00	416398	1-hr	325	323.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 20:00	416629	1-hr	157	155.0	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 20:00	416399	1-hr	366	364.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 20:00	416618	1-hr	375	372.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 21:00	416619	1-hr	333	331.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 21:00	416620	1-hr	309	307.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 21:00	416622	1-hr	221	219.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 21:00	416624	1-hr	234	231.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 21:00	416621	1-hr	374	374.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 21:00	416617	1-hr	318	316.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 21:00	416625	1-hr	211	208.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 21:00	416548	1-hr	151	149.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 21:00	416627	1-hr	165	163.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 21:00	416616	1-hr	164	162.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 21:00	416628	1-hr	147	144.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 21:00	416398	1-hr	304	302.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 21:00	416629	1-hr	156	153.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 21:00	416399	1-hr	321	318.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 21:00	416618	1-hr	354	352.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 22:00	416619	1-hr	274	272.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 22:00	416620	1-hr	272	269.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 22:00	416622	1-hr	240	237.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 22:00	416624	1-hr	276	273.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 22:00	416621	1-hr	415	415.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 22:00	416617	1-hr	275	273.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 22:00	416625	1-hr	216	213.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 22:00	416548	1-hr	124	121.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 22:00	416627	1-hr	173	170.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 22:00	416616	1-hr	178	175.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 22:00	416628	1-hr	147	145.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 22:00	416398	1-hr	315	312.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 22:00	416629	1-hr	170	167.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 22:00	416399	1-hr	322	319.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 22:00	416618	1-hr	309	307.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 23:00	416619	1-hr	279	277.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 23:00	416620	1-hr	315	312.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 23:00	416622	1-hr	268	266.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 23:00	416624	1-hr	290	287.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 23:00	416621	1-hr	348	348.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 23:00	416625	1-hr	251	249.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 23:00	416548	1-hr	111	108.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 23:00	416627	1-hr	182	180.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 23:00	416616	1-hr	180	178.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 23:00	416628	1-hr	151	148.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 23:00	416398	1-hr	354	351.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 23:00	416629	1-hr	187	185.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 23:00	416399	1-hr	313	311.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 23:00	416617	1-hr	268	265.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 23:00	416618	1-hr	290	288.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 14, 2023 24:00	416619	1-hr	284	281.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 14, 2023 24:00	416620	1-hr	294	292.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 14, 2023 24:00	416622	1-hr	258	255.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 14, 2023 24:00	416624	1-hr	275	273.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 14, 2023 24:00	416625	1-hr	254	251.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 14, 2023 24:00	416548	1-hr	104	102.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 14, 2023 24:00	416627	1-hr	176	174.3	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 14, 2023 24:00	416616	1-hr	158	156.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 14, 2023 24:00	416628	1-hr	162	160.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 14, 2023 24:00	416398	1-hr	338	336.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 14, 2023 24:00	416629	1-hr	193	191.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 14, 2023 24:00	416399	1-hr	303	301.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 14, 2023 24:00	416621	1-hr	263	262.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 14, 2023 24:00	416617	1-hr	257	255.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 14, 2023 24:00	416618	1-hr	285	283.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 01:00	416619	1-hr	283	281.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 01:00	416620	1-hr	250	248.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 01:00	416622	1-hr	275	273.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 01:00	416624	1-hr	244	242.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 01:00	416618	1-hr	288	286.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 01:00	416625	1-hr	245	242.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 01:00	416548	1-hr	109	107.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 01:00	416627	1-hr	176	174.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 01:00	416616	1-hr	156	154.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 01:00	416628	1-hr	170	168.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 01:00	416443	1-hr	305	303.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 01:00	416629	1-hr	203	201.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 01:00	416445	1-hr	292	290.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 15, 2023 01:00	416621	1-hr	198	197.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 01:00	416617	1-hr	270	267.9	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 15, 2023 24:00	416625	24-hr	118	116.5	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 15, 2023 24:00	416548	24-hr	63	61.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 24:00	416627	24-hr	151	148.9	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 15, 2023 24:00	416616	24-hr	140	137.9	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 15, 2023 24:00	416628	24-hr	124	122.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 15, 2023 24:00	416443	24-hr	126	124.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 15, 2023 24:00	416445	24-hr	133	131.7	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 24:00	416619	24-hr	128	126.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 24:00	416620	24-hr	133	131.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 24:00	416622	24-hr	139	137.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 24:00	416624	24-hr	141	139.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 15, 2023 24:00	416617	24-hr	119	117.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 24:00	416618	24-hr	138	136.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS29 Surmont 2	PM2.5	Jul 15, 2023 24:00	416629	24-hr	118	115.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 02:00	416619	1-hr	273	270.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 02:00	416620	1-hr	252	250.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 02:00	416622	1-hr	285	282.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 02:00	416624	1-hr	286	284.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 02:00	416618	1-hr	285	283.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 02:00	416625	1-hr	210	208.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 02:00	416548	1-hr	104	102.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 02:00	416627	1-hr	177	174.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 02:00	416616	1-hr	149	147.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 02:00	416628	1-hr	186	184.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 02:00	416443	1-hr	292	290.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 02:00	416629	1-hr	211	208.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 02:00	416445	1-hr	320	318.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 15, 2023 02:00	416621	1-hr	131	130.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 02:00	416617	1-hr	261	259.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 03:00	416619	1-hr	282	279.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 03:00	416620	1-hr	258	255.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 03:00	416622	1-hr	267	265.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 03:00	416618	1-hr	289	286.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 03:00	416625	1-hr	213	210.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 03:00	416548	1-hr	99	97.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 03:00	416627	1-hr	181	179.6	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 03:00	416616	1-hr	152	149.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 03:00	416628	1-hr	202	200.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 03:00	416443	1-hr	270	268.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 03:00	416629	1-hr	212	210.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 03:00	416445	1-hr	329	326.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 03:00	416624	1-hr	285	283.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 15, 2023 03:00	416621	1-hr	90	89.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 03:00	416617	1-hr	261	258.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 04:00	416619	1-hr	289	287.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 04:00	416620	1-hr	252	250.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 04:00	416622	1-hr	258	256.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 04:00	416618	1-hr	306	304.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 04:00	416625	1-hr	211	209.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 04:00	416548	1-hr	98	96.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 04:00	416627	1-hr	184	182.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 04:00	416616	1-hr	154	151.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 04:00	416628	1-hr	212	209.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 04:00	416443	1-hr	248	246.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 04:00	416629	1-hr	197	195.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 04:00	416445	1-hr	298	296.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 04:00	416624	1-hr	271	269.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 04:00	416617	1-hr	262	260.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 05:00	416619	1-hr	284	281.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 05:00	416620	1-hr	271	269.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 05:00	416618	1-hr	293	291.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 05:00	416625	1-hr	196	194.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 05:00	416548	1-hr	127	124.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 05:00	416627	1-hr	201	199.2	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 05:00	416616	1-hr	152	150.2	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 05:00	416628	1-hr	217	214.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 05:00	416443	1-hr	234	231.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 05:00	416629	1-hr	197	195.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 05:00	416445	1-hr	285	283.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 05:00	416622	1-hr	249	246.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 05:00	416624	1-hr	266	264.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 05:00	416617	1-hr	256	253.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 06:00	416619	1-hr	271	269.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 06:00	416620	1-hr	293	290.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 06:00	416618	1-hr	287	285.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 06:00	416625	1-hr	228	226.5	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 06:00	416548	1-hr	175	173.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 06:00	416627	1-hr	221	219.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 06:00	416616	1-hr	159	157.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 06:00	416628	1-hr	224	222.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 06:00	416443	1-hr	208	206.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 06:00	416629	1-hr	189	186.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 06:00	416445	1-hr	277	275.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 06:00	416622	1-hr	244	241.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 06:00	416624	1-hr	262	260.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 06:00	416617	1-hr	245	243.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 07:00	416619	1-hr	255	252.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 07:00	416620	1-hr	238	235.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 07:00	416618	1-hr	268	265.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 07:00	416625	1-hr	222	220.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 07:00	416548	1-hr	217	215.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 07:00	416627	1-hr	234	231.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 07:00	416616	1-hr	186	184.6	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 07:00	416628	1-hr	224	222.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 07:00	416443	1-hr	203	201.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 07:00	416629	1-hr	174	172.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 07:00	416445	1-hr	250	248.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 07:00	416622	1-hr	218	216.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 07:00	416624	1-hr	260	257.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 07:00	416617	1-hr	225	223.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 08:00	416619	1-hr	241	238.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 08:00	416618	1-hr	262	260.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 08:00	416625	1-hr	197	195.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 08:00	416548	1-hr	181	178.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 08:00	416627	1-hr	239	237.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 08:00	416616	1-hr	226	224.4	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 08:00	416628	1-hr	204	202.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 08:00	416443	1-hr	189	186.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 08:00	416629	1-hr	164	162.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 08:00	416445	1-hr	222	220.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 08:00	416620	1-hr	215	213.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 08:00	416622	1-hr	218	216.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 08:00	416624	1-hr	236	234.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 08:00	416617	1-hr	227	225.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 09:00	416619	1-hr	206	204.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 09:00	416618	1-hr	236	233.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 09:00	416625	1-hr	208	206.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 15, 2023 09:00	416548	1-hr	98	96.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 09:00	416627	1-hr	214	212.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 09:00	416616	1-hr	201	198.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 09:00	416628	1-hr	123	121.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 09:00	416443	1-hr	132	130.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 09:00	416445	1-hr	179	177.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 09:00	416620	1-hr	203	200.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 09:00	416622	1-hr	215	212.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 09:00	416624	1-hr	214	212.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 09:00	416617	1-hr	200	198.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 09:00	416629	1-hr	166	163.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 10:00	416619	1-hr	116	114.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 10:00	416618	1-hr	161	159.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 10:00	416625	1-hr	203	201.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 10:00	416627	1-hr	180	178.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 10:00	416616	1-hr	183	181.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 10:00	416628	1-hr	110	108.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 10:00	416443	1-hr	118	116.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 10:00	416445	1-hr	116	114.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 10:00	416620	1-hr	189	187.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 10:00	416622	1-hr	202	200.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 10:00	416624	1-hr	212	209.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 10:00	416617	1-hr	111	109.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 10:00	416629	1-hr	185	182.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 11:00	416619	1-hr	111	109.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 11:00	416618	1-hr	115	112.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 11:00	416625	1-hr	193	190.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 11:00	416627	1-hr	191	189.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 11:00	416616	1-hr	187	185.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 11:00	416628	1-hr	125	123.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 11:00	416443	1-hr	105	102.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 11:00	416445	1-hr	125	122.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 11:00	416620	1-hr	159	156.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 11:00	416622	1-hr	188	185.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 11:00	416624	1-hr	199	197.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 11:00	416617	1-hr	105	102.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 11:00	416629	1-hr	190	188.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 12:00	416619	1-hr	113	111.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 12:00	416618	1-hr	121	119.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 15, 2023 12:00	416625	1-hr	129	126.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 12:00	416627	1-hr	187	185.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 12:00	416616	1-hr	174	172.3	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 12:00	416628	1-hr	164	164.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 12:00	416443	1-hr	101	98.9	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 12:00	416445	1-hr	127	124.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 12:00	416620	1-hr	120	118.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 12:00	416622	1-hr	152	150.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 12:00	416624	1-hr	163	161.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 12:00	416617	1-hr	101	99.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 12:00	416629	1-hr	181	178.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 15, 2023 13:00	416619	1-hr	95	92.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 15, 2023 13:00	416618	1-hr	103	101.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 13:00	416627	1-hr	176	173.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 13:00	416616	1-hr	171	169.1	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 13:00	416628	1-hr	190	188.1	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 15, 2023 13:00	416445	1-hr	102	100.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 15, 2023 13:00	416620	1-hr	103	101.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 15, 2023 13:00	416622	1-hr	101	99.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 15, 2023 13:00	416624	1-hr	101	99.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 15, 2023 13:00	416617	1-hr	83	81.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 13:00	416629	1-hr	153	151.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 14:00	416627	1-hr	172	170.5	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 14:00	416616	1-hr	177	174.8	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 14:00	416628	1-hr	140	138.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 15, 2023 14:00	416629	1-hr	101	99.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 15:00	416627	1-hr	176	175.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 15:00	416616	1-hr	182	179.9	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 15, 2023 15:00	416628	1-hr	118	115.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 16:00	416627	1-hr	184	182.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 16:00	416616	1-hr	181	179.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 17:00	416627	1-hr	150	148.0	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 17:00	416616	1-hr	132	130.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Jul 15, 2023 18:00	416627	1-hr	102	99.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 15, 2023 18:00	416616	1-hr	95	93.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 22:00	416443	1-hr	129	127.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 15, 2023 23:00	416443	1-hr	124	122.5	exc
AAAQO	AMS05 Mannix	H2S	Jul 15, 2023 24:00	416442	1-hr	11	10.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 16, 2023 01:00	416481	1-hr	93	91.1	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 16, 2023 24:00	416548	24-hr	36	34.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 16, 2023 24:00	416627	24-hr	35	33.2	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 16, 2023 24:00	416616	24-hr	38	36.9	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 16, 2023 24:00	416628	24-hr	32	31.0	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 16, 2023 24:00	416621	24-hr	37	37.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 16, 2023 14:00	416548	1-hr	81	79.9	nae
AAAQG	AMS21 Conklin	PM2.5	Jul 16, 2023 21:00	416616	1-hr	107	105.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 17, 2023 24:00	416934	24-hr	34	31.8	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 17, 2023 24:00	416935	24-hr	29	27.4	nae
AAAQO	AMS23 Fort Hills	PM2.5	Jul 17, 2023 24:00	416560	24-hr	30	27.9	nae
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 18, 2023 24:00	416938	24-hr	48	45.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 18, 2023 24:00	416934	24-hr	59	57.9	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 18, 2023 24:00	416939	24-hr	44	42.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 18, 2023 24:00	416937	24-hr	46	44.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 18, 2023 24:00	416940	24-hr	59	58.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 18, 2023 24:00	416941	24-hr	46	44.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 18, 2023 24:00	416942	24-hr	48	46.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 18, 2023 24:00	416632	24-hr	48	47.0	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 18, 2023 24:00	416633	24-hr	48	46.8	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 18, 2023 24:00	416936	24-hr	43	41.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 18, 2023 24:00	416935	24-hr	54	52.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 18, 2023 24:00	416943	24-hr	34	32.1	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 18, 2023 24:00	416944	24-hr	34	32.0	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 18, 2023 24:00	416945	24-hr	37	35.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 18, 2023 24:00	416946	24-hr	36	34.1	exc
AAAQO	AMS05 Mannix	H2S	Jul 18, 2023 02:00	416561	1-hr	10	9.9	nae
AAAQG	AMS17 Wapasu	PM2.5	Jul 18, 2023 08:00	416935	1-hr	97	95.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 18, 2023 09:00	416936	1-hr	80	78.2	nae
AAAQG	AMS17 Wapasu	PM2.5	Jul 18, 2023 09:00	416935	1-hr	83	81.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 18, 2023 10:00	416936	1-hr	80	78.6	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 18, 2023 11:00	416937	1-hr	84	82.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 18, 2023 17:00	416934	1-hr	85	84.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 18, 2023 18:00	416934	1-hr	83	82.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 19, 2023 24:00	416938	24-hr	36	34.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 19, 2023 24:00	416934	24-hr	33	31.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 19, 2023 24:00	416685	24-hr	38	36.2	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 19, 2023 24:00	416687	24-hr	34	32.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 24:00	416940	24-hr	111	110.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 19, 2023 24:00	416941	24-hr	32	30.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 19, 2023 24:00	416942	24-hr	32	31.0	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 19, 2023 24:00	416935	24-hr	42	40.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 02:00	416940	1-hr	108	107.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 03:00	416940	1-hr	165	165.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 04:00	416940	1-hr	136	135.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 05:00	416940	1-hr	222	222.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 06:00	416940	1-hr	220	219.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 07:00	416940	1-hr	150	149.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 08:00	416940	1-hr	132	131.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 09:00	416940	1-hr	125	125.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 10:00	416940	1-hr	110	109.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 11:00	416940	1-hr	102	101.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 12:00	416940	1-hr	94	93.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 13:00	416940	1-hr	94	94.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 14:00	416940	1-hr	114	114.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 15:00	416940	1-hr	113	112.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 16:00	416940	1-hr	108	108.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 17:00	416940	1-hr	114	113.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 19, 2023 18:00	416940	1-hr	83	83.5	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 20, 2023 24:00	416935	24-hr	35	33.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 20, 2023 24:00	416739	24-hr	39	37.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 20, 2023 24:00	416938	24-hr	36	34.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 20, 2023 24:00	416934	24-hr	44	42.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 20, 2023 24:00	416940	24-hr	60	60.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 20, 2023 24:00	416941	24-hr	31	29.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 20, 2023 24:00	416942	24-hr	33	31.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 20, 2023 24:00	416740	24-hr	34	32.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 20, 2023 11:00	416934	1-hr	149	147.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 20, 2023 12:00	416940	1-hr	84	83.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 20, 2023 12:00	416934	1-hr	104	103.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 24:00	416934	24-hr	69	68.2	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS09 Barge Landing	PM2.5	Jul 21, 2023 24:00	416941	24-hr	55	53.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 21, 2023 24:00	416942	24-hr	56	55.1	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 21, 2023 24:00	416936	24-hr	42	40.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 21, 2023 24:00	416935	24-hr	62	61.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 21, 2023 24:00	416943	24-hr	50	49.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 21, 2023 24:00	416804	24-hr	71	69.6	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 21, 2023 24:00	416805	24-hr	60	58.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 24:00	416938	24-hr	61	59.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 21, 2023 24:00	416939	24-hr	45	43.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 21, 2023 24:00	416937	24-hr	43	41.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 24:00	416940	24-hr	111	110.6	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 21, 2023 24:00	416944	24-hr	57	55.7	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 21, 2023 24:00	416945	24-hr	41	39.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 21, 2023 24:00	416946	24-hr	40	38.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 07:00	416940	1-hr	106	105.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 08:00	416940	1-hr	106	106.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 09:00	416940	1-hr	115	115.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 10:00	416940	1-hr	148	147.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 11:00	416940	1-hr	143	143.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 12:00	416940	1-hr	124	124.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 13:00	416940	1-hr	129	129.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 14:00	416934	1-hr	80	79.5	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 14:00	416940	1-hr	134	134.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 14:00	416935	1-hr	88	87.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 14:00	416804	1-hr	82	80.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 15:00	416934	1-hr	80	79.3	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 15:00	416940	1-hr	128	128.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 15:00	416935	1-hr	103	102.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 15:00	416804	1-hr	80	79.5	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 16:00	416940	1-hr	123	122.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 16:00	416935	1-hr	93	92.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 17:00	416940	1-hr	113	112.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 17:00	416935	1-hr	96	95.2	exc
AAAQO	AMS17 Wapasu	O3	Jul 21, 2023 17:00	416872	1-hr	77		exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 18:00	416934	1-hr	81	79.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 18:00	416940	1-hr	114	113.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 18:00	416935	1-hr	94	93.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 18:00	416804	1-hr	85	83.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 19:00	416934	1-hr	83	82.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 19:00	416940	1-hr	159	158.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 19:00	416935	1-hr	86	85.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 19:00	416804	1-hr	87	86.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 20:00	416938	1-hr	92	90.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 20:00	416934	1-hr	82	81.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 20:00	416940	1-hr	151	150.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 21, 2023 20:00	416941	1-hr	85	84.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 20:00	416935	1-hr	87	85.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 21, 2023 20:00	416944	1-hr	145	143.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 20:00	416804	1-hr	109	108.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 21:00	416938	1-hr	98	97.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 21:00	416934	1-hr	91	89.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 21:00	416940	1-hr	137	137.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 21, 2023 21:00	416941	1-hr	91	89.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 21, 2023 21:00	416935	1-hr	86	84.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 21:00	416804	1-hr	106	105.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 21, 2023 21:00	416805	1-hr	89	88.4	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 21, 2023 21:00	416944	1-hr	95	93.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 22:00	416938	1-hr	95	94.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 22:00	416934	1-hr	107	105.6	exc
AAAQO	AMS05 Mannix	H2S	Jul 21, 2023 22:00	416801	1-hr	10	9.4	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 22:00	416940	1-hr	136	135.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 21, 2023 22:00	416941	1-hr	93	91.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 21, 2023 22:00	416942	1-hr	81	79.7	nae



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 22:00	416804	1-hr	130	129.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 21, 2023 22:00	416805	1-hr	87	85.7	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 21, 2023 22:00	416944	1-hr	99	97.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 23:00	416938	1-hr	93	90.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 23:00	416934	1-hr	128	127.4	exc
AAAQO	AMS05 Mannix	H2S	Jul 21, 2023 23:00	416803	1-hr	13	12.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 23:00	416940	1-hr	130	130.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 21, 2023 23:00	416941	1-hr	94	92.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 21, 2023 23:00	416942	1-hr	83	80.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 23:00	416804	1-hr	119	117.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 21, 2023 23:00	416805	1-hr	86	83.9	exc
AAAQG	AMS21 Conklin	PM2.5	Jul 21, 2023 23:00	416944	1-hr	84	82.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 21, 2023 24:00	416938	1-hr	90	88.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 21, 2023 24:00	416934	1-hr	119	118.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 21, 2023 24:00	416940	1-hr	134	134.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 21, 2023 24:00	416941	1-hr	89	87.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 21, 2023 24:00	416942	1-hr	84	82.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 21, 2023 24:00	416804	1-hr	140	138.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 21, 2023 24:00	416805	1-hr	89	86.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 01:00	416938	1-hr	93	91.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 01:00	416934	1-hr	110	108.9	exc
AAAQO	AMS05 Mannix	H2S	Jul 22, 2023 01:00	416806	1-hr	16	16.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 22, 2023 01:00	416940	1-hr	146	146.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 01:00	416941	1-hr	87	85.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 01:00	416942	1-hr	83	81.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 01:00	416836	1-hr	106	104.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 01:00	416837	1-hr	85	82.8	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 24:00	416934	24-hr	121	119.4	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 24:00	416939	24-hr	94	92.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 24:00	416937	24-hr	98	96.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 22, 2023 24:00	416940	24-hr	40	40.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 22, 2023 24:00	416941	24-hr	81	79.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 24:00	416942	24-hr	89	87.2	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 22, 2023 24:00	416936	24-hr	73	71.1	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 22, 2023 24:00	416935	24-hr	86	84.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 22, 2023 24:00	416836	24-hr	82	80.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 22, 2023 24:00	416946	24-hr	65	63.9	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 22, 2023 24:00	416837	24-hr	82	80.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 24:00	416938	24-hr	93	92.1	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 22, 2023 24:00	416943	24-hr	39	37.8	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 22, 2023 24:00	416944	24-hr	41	39.6	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 22, 2023 24:00	416945	24-hr	49	47.7	exc
AAAQO	AMS30 Ells River	TSP	Jul 22, 2023 24:00	417951	24-hr	128	128.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 02:00	416938	1-hr	92	90.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 02:00	416934	1-hr	106	104.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 22, 2023 02:00	416940	1-hr	162	161.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 02:00	416941	1-hr	83	80.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 02:00	416836	1-hr	89	87.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 02:00	416837	1-hr	84	82.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 03:00	416938	1-hr	92	89.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 03:00	416934	1-hr	111	108.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 22, 2023 03:00	416940	1-hr	164	164.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 03:00	416941	1-hr	83	81.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 03:00	416942	1-hr	81	79.2	nae
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 03:00	416836	1-hr	84	82.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 03:00	416837	1-hr	83	81.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 04:00	416938	1-hr	91	88.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 04:00	416934	1-hr	101	98.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 22, 2023 04:00	416940	1-hr	128	128.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 04:00	416941	1-hr	82	79.8	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 04:00	416942	1-hr	84	81.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 04:00	416836	1-hr	86	84.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 04:00	416837	1-hr	84	82.0	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 05:00	416938	1-hr	89	87.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 05:00	416934	1-hr	104	102.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 05:00	416941	1-hr	84	82.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 05:00	416942	1-hr	84	82.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 05:00	416836	1-hr	85	83.5	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 05:00	416837	1-hr	83	81.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 06:00	416938	1-hr	88	86.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 06:00	416934	1-hr	93	91.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 06:00	416941	1-hr	82	80.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 06:00	416942	1-hr	81	78.8	nae
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 06:00	416836	1-hr	82	80.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 07:00	416938	1-hr	84	82.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 07:00	416934	1-hr	90	88.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 07:00	416836	1-hr	85	83.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 08:00	416938	1-hr	87	84.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 08:00	416934	1-hr	107	105.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 08:00	416935	1-hr	91	89.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 08:00	416836	1-hr	97	95.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 08:00	416837	1-hr	83	81.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 09:00	416938	1-hr	97	95.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 09:00	416934	1-hr	113	111.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 09:00	416941	1-hr	84	82.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 09:00	416942	1-hr	88	86.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 09:00	416935	1-hr	107	105.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 09:00	416836	1-hr	140	138.3	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 09:00	416837	1-hr	125	123.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 10:00	416938	1-hr	120	118.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 10:00	416934	1-hr	116	114.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 10:00	416941	1-hr	101	99.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 10:00	416942	1-hr	109	108.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 10:00	416935	1-hr	145	143.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 10:00	416836	1-hr	147	145.7	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 10:00	416837	1-hr	144	143.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 11:00	416938	1-hr	148	146.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 11:00	416934	1-hr	133	132.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 11:00	416941	1-hr	111	109.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 11:00	416942	1-hr	133	131.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 11:00	416935	1-hr	154	152.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 11:00	416836	1-hr	149	148.2	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 11:00	416837	1-hr	158	156.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 12:00	416938	1-hr	169	168.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 12:00	416934	1-hr	161	159.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 12:00	416939	1-hr	81	80.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 12:00	416937	1-hr	84	83.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 12:00	416941	1-hr	135	134.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 12:00	416942	1-hr	151	150.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 12:00	416935	1-hr	140	138.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 12:00	416836	1-hr	123	121.6	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 12:00	416837	1-hr	145	144.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 13:00	416938	1-hr	157	155.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 13:00	416934	1-hr	197	195.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 13:00	416939	1-hr	99	97.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 13:00	416937	1-hr	110	109.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 13:00	416941	1-hr	136	135.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 13:00	416942	1-hr	152	150.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 13:00	416935	1-hr	139	137.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 13:00	416837	1-hr	117	115.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 14:00	416938	1-hr	127	126.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 14:00	416934	1-hr	189	187.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 14:00	416939	1-hr	154	152.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 14:00	416937	1-hr	154	152.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 14:00	416941	1-hr	102	101.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 14:00	416942	1-hr	133	132.2	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 14:00	416935	1-hr	111	110.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 15:00	416938	1-hr	119	118.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 15:00	416934	1-hr	227	226.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 15:00	416939	1-hr	201	200.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 15:00	416937	1-hr	196	195.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 15:00	416941	1-hr	94	93.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 15:00	416942	1-hr	111	110.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 15:00	416935	1-hr	123	122.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 15:00	416836	1-hr	93	92.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 16:00	416938	1-hr	121	120.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 16:00	416934	1-hr	177	176.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 16:00	416939	1-hr	202	201.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 16:00	416937	1-hr	198	197.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 16:00	416941	1-hr	105	104.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 16:00	416942	1-hr	105	104.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 16:00	416936	1-hr	82	81.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 16:00	416935	1-hr	119	117.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 16:00	416836	1-hr	99	97.8	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 16:00	416837	1-hr	98	97.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 17:00	416938	1-hr	122	120.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 17:00	416934	1-hr	153	152.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 17:00	416939	1-hr	145	144.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 17:00	416937	1-hr	165	164.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 17:00	416941	1-hr	105	104.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 17:00	416942	1-hr	119	117.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 17:00	416936	1-hr	123	122.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 22, 2023 17:00	416935	1-hr	96	94.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 22, 2023 17:00	416836	1-hr	85	84.4	exc
AAAQG	AMS30 Ells River	PM2.5	Jul 22, 2023 17:00	416837	1-hr	93	91.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 22, 2023 18:00	416938	1-hr	91	90.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 18:00	416934	1-hr	153	152.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 18:00	416939	1-hr	128	126.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 18:00	416937	1-hr	139	138.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 22, 2023 18:00	416941	1-hr	81	80.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 18:00	416942	1-hr	99	98.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 18:00	416936	1-hr	96	95.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 19:00	416934	1-hr	117	115.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 19:00	416939	1-hr	118	117.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 19:00	416937	1-hr	124	123.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 22, 2023 19:00	416942	1-hr	82	80.7	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 19:00	416936	1-hr	90	89.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 20:00	416934	1-hr	106	105.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 20:00	416939	1-hr	111	109.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 20:00	416937	1-hr	121	120.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 20:00	416936	1-hr	88	86.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 21:00	416934	1-hr	103	102.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 21:00	416939	1-hr	99	98.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 21:00	416937	1-hr	111	109.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 21:00	416936	1-hr	86	84.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 22, 2023 22:00	416934	1-hr	80	78.4	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 22:00	416939	1-hr	90	88.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 22:00	416937	1-hr	102	100.8	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 22:00	416936	1-hr	84	81.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 22, 2023 23:00	416939	1-hr	85	83.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 23:00	416937	1-hr	100	98.4	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 22, 2023 23:00	416936	1-hr	85	82.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 22, 2023 23:00	416946	1-hr	88	86.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 22, 2023 24:00	416937	1-hr	105	102.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 22, 2023 24:00	416946	1-hr	88	85.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 01:00	416937	1-hr	95	93.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 01:00	416936	1-hr	82	80.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 01:00	416946	1-hr	92	90.2	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 23, 2023 24:00	416938	24-hr	47	45.2	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 24:00	416934	24-hr	53	52.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 24:00	416939	24-hr	47	45.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 24:00	416937	24-hr	67	65.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 23, 2023 24:00	416943	24-hr	29	28.1	nae
AAAQO	AMS21 Conklin	PM2.5	Jul 23, 2023 24:00	416944	24-hr	33	31.6	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 23, 2023 24:00	416945	24-hr	39	37.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 23, 2023 24:00	416941	24-hr	43	41.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 23, 2023 24:00	416942	24-hr	43	41.7	exc
AAAQO	AMS14 Anzac	PM2.5	Jul 23, 2023 24:00	416936	24-hr	62	60.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 23, 2023 24:00	416935	24-hr	64	62.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 23, 2023 24:00	416855	24-hr	48	47.0	exc
AAAQO	AMS29 Surmont 2	PM2.5	Jul 23, 2023 24:00	416946	24-hr	62	60.1	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 23, 2023 24:00	416856	24-hr	41	39.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 02:00	416937	1-hr	93	91.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 02:00	416936	1-hr	84	82.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 02:00	416946	1-hr	95	93.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 03:00	416937	1-hr	94	92.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 03:00	416936	1-hr	80	78.4	nae
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 03:00	416946	1-hr	96	93.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 04:00	416937	1-hr	127	125.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 04:00	416936	1-hr	88	86.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 04:00	416946	1-hr	96	94.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 05:00	416937	1-hr	121	119.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 05:00	416936	1-hr	89	87.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 05:00	416946	1-hr	93	91.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 06:00	416937	1-hr	118	115.6	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 06:00	416936	1-hr	95	93.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 06:00	416946	1-hr	86	83.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 07:00	416939	1-hr	101	98.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 07:00	416937	1-hr	113	111.0	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 07:00	416936	1-hr	97	95.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 07:00	416946	1-hr	85	83.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 08:00	416939	1-hr	93	91.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 08:00	416937	1-hr	87	85.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 08:00	416936	1-hr	104	102.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 08:00	416946	1-hr	102	100.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 09:00	416934	1-hr	81	79.5	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 09:00	416939	1-hr	83	81.1	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 09:00	416936	1-hr	113	110.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 09:00	416946	1-hr	118	115.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 10:00	416934	1-hr	105	102.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 10:00	416939	1-hr	82	79.9	nae
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 10:00	416936	1-hr	108	106.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 10:00	416935	1-hr	94	93.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 23, 2023 10:00	416855	1-hr	81	79.5	nae
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 10:00	416946	1-hr	100	99.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 23, 2023 11:00	416938	1-hr	94	93.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 11:00	416934	1-hr	108	106.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Jul 23, 2023 11:00	416939	1-hr	81	79.6	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 23, 2023 11:00	416942	1-hr	83	82.3	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 11:00	416936	1-hr	94	93.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 11:00	416935	1-hr	127	126.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Jul 23, 2023 11:00	416946	1-hr	88	86.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 23, 2023 12:00	416938	1-hr	103	102.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 12:00	416934	1-hr	107	106.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 23, 2023 12:00	416937	1-hr	90	88.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Jul 23, 2023 12:00	416941	1-hr	87	86.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 23, 2023 12:00	416942	1-hr	99	98.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 12:00	416935	1-hr	138	137.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 23, 2023 12:00	416855	1-hr	93	92.2	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 23, 2023 12:00	416936	1-hr	85	83.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 23, 2023 13:00	416938	1-hr	96	94.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 13:00	416934	1-hr	96	94.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Jul 23, 2023 13:00	416942	1-hr	102	100.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 13:00	416935	1-hr	125	123.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Jul 23, 2023 13:00	416855	1-hr	90	89.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 23, 2023 14:00	416938	1-hr	92	91.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Jul 23, 2023 14:00	416934	1-hr	88	87.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 14:00	416935	1-hr	124	123.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 23, 2023 15:00	416935	1-hr	93	92.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 24, 2023 24:00	417261	24-hr	32	30.3	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 24, 2023 24:00	417262	24-hr	34	32.9	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Jul 24, 2023 24:00	417263	24-hr	32	30.9	exc
AAAQO	AMS21 Conklin	PM2.5	Jul 24, 2023 24:00	417264	24-hr	39	37.7	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 24, 2023 24:00	417265	24-hr	33	31.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 24, 2023 24:00	417266	24-hr	31	30.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 24:00	417260	24-hr	47	46.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 24, 2023 24:00	417267	24-hr	32	30.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 24, 2023 24:00	416922	24-hr	32	31.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 19:00	417260	1-hr	93	92.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 20:00	417260	1-hr	89	89.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 21:00	417260	1-hr	104	103.7	exc
AAAQO	AMS05 Mannix	H2S	Jul 24, 2023 22:00	416920	1-hr	12	12.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 22:00	417260	1-hr	94	94.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 23:00	417260	1-hr	103	102.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 24, 2023 24:00	417260	1-hr	94	93.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Jul 25, 2023 24:00	417261	24-hr	43	40.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Jul 25, 2023 24:00	417270	24-hr	36	33.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Jul 25, 2023 24:00	417262	24-hr	44	42.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Jul 25, 2023 24:00	417032	24-hr	41	39.1	exc
AAAQO	AMS30 Ells River	PM2.5	Jul 25, 2023 24:00	417033	24-hr	39	37.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Jul 25, 2023 24:00	417266	24-hr	35	33.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Jul 25, 2023 24:00	417271	24-hr	30	28.6	nae
AAAQO	AMS07 Athabasca Valley	PM2.5	Jul 25, 2023 24:00	417269	24-hr	33	31.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 25, 2023 24:00	417260	24-hr	48	47.9	exc
AAAQO	AMS09 Barge Landing	PM2.5	Jul 25, 2023 24:00	417267	24-hr	38	35.9	exc
AAAQO	AMS22 Janvier	PM2.5	Jul 25, 2023 24:00	417265	24-hr	40	39.1	exc
AAAQO	AMS05 Mannix	H2S	Jul 25, 2023 06:00	416959	1-hr	11	11.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Jul 25, 2023 13:00	417262	1-hr	84	82.5	exc
AAAQG	AMS22 Janvier	PM2.5	Jul 25, 2023 16:00	417265	1-hr	90	87.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 25, 2023 17:00	417268	1-hr	85	-	ret
AAAQG	AMS22 Janvier	PM2.5	Jul 25, 2023 17:00	417265	1-hr	91	89.9	exc
AAAQG	AMS14 Anzac	PM2.5	Jul 25, 2023 18:00	417268	1-hr	82	-	ret
AAAQG	AMS22 Janvier	PM2.5	Jul 25, 2023 18:00	417265	1-hr	81	80.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Jul 25, 2023 19:00	417269	1-hr	81	80.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 27, 2023 12:00	417260	1-hr	91	91.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 28, 2023 24:00	417260	24-hr	48	47.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 28, 2023 12:00	417260	1-hr	85	84.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 28, 2023 13:00	417260	1-hr	87	87.0	exc
AAAQO	AMS11 Lower Camp	H2S	Jul 28, 2023 22:00	417179	1-hr	13	12.2	exc
AAAQO	AMS11 Lower Camp	H2S	Jul 29, 2023 24:00	417192	24-hr	3	2.6	nae
AAAQO	AMS11 Lower Camp	H2S	Jul 29, 2023 22:00	417189	1-hr	14	13.8	exc
AAAQO	AMS11 Lower Camp	H2S	Jul 29, 2023 23:00	417191	1-hr	14	13.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 30, 2023 23:00	417260	1-hr	102	101.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 24:00	417580	24-hr	99	99.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 13:00	417580	1-hr	90	89.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 14:00	417580	1-hr	159	158.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 15:00	417580	1-hr	291	291.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 16:00	417580	1-hr	360	359.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 17:00	417580	1-hr	336	335.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 18:00	417580	1-hr	226	226.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 19:00	417580	1-hr	101	101.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 20:00	417580	1-hr	105	104.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 21:00	417580	1-hr	120	119.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 22:00	417580	1-hr	111	110.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 23:00	417580	1-hr	95	95.4	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Jul 31, 2023 24:00	417580	1-hr	211	211.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 01:00	417580	1-hr	214	212.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 24:00	417582	24-hr	62	60.0	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 24:00	417585	24-hr	55	53.3	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 1, 2023 24:00	417587	24-hr	35	33.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 1, 2023 24:00	417586	24-hr	36	34.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 24:00	417580	24-hr	133	131.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 1, 2023 24:00	417581	24-hr	54	52.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 24:00	417583	24-hr	58	56.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 1, 2023 24:00	417584	24-hr	57	54.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 1, 2023 24:00	417320	24-hr	61	59.8	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 1, 2023 24:00	417319	24-hr	59	57.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Aug 1, 2023 24:00	420153	30-day	63	62.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 02:00	417580	1-hr	222	219.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 03:00	417580	1-hr	197	195.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 04:00	417580	1-hr	196	194.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 05:00	417580	1-hr	176	174.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 06:00	417580	1-hr	191	189.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 07:00	417580	1-hr	197	194.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 08:00	417580	1-hr	194	191.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 09:00	417580	1-hr	185	183.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 10:00	417580	1-hr	177	175.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 11:00	417580	1-hr	171	169.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 12:00	417580	1-hr	167	165.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 13:00	417580	1-hr	149	147.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 14:00	417580	1-hr	114	112.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 1, 2023 15:00	417580	1-hr	86	84.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 15:00	417581	1-hr	81	80.0	nae
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 15:00	417320	1-hr	89	88.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 15:00	417319	1-hr	93	92.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 15:00	417582	1-hr	95	93.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 15:00	417583	1-hr	89	88.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 16:00	417581	1-hr	88	87.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 16:00	417584	1-hr	81	78.7	nae
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 16:00	417320	1-hr	89	88.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 16:00	417319	1-hr	92	91.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 16:00	417582	1-hr	100	99.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 16:00	417583	1-hr	94	93.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 17:00	417583	1-hr	94	92.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 17:00	417584	1-hr	87	85.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 17:00	417320	1-hr	85	84.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 17:00	417319	1-hr	87	85.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 17:00	417582	1-hr	93	92.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 17:00	417581	1-hr	82	81.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 18:00	417585	1-hr	80	78.2	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 18:00	417583	1-hr	92	91.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 18:00	417584	1-hr	88	86.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 18:00	417320	1-hr	83	82.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 18:00	417319	1-hr	87	86.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 18:00	417582	1-hr	92	91.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 18:00	417581	1-hr	81	79.6	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 19:00	417583	1-hr	91	90.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 19:00	417584	1-hr	88	86.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 19:00	417320	1-hr	87	85.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 19:00	417319	1-hr	85	83.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 19:00	417582	1-hr	92	91.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 19:00	417581	1-hr	80	79.4	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 20:00	417585	1-hr	84	82.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 20:00	417583	1-hr	87	85.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 20:00	417584	1-hr	93	91.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 20:00	417320	1-hr	81	78.7	nae
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 20:00	417319	1-hr	90	88.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 20:00	417582	1-hr	91	88.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 21:00	417585	1-hr	116	113.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 21:00	417583	1-hr	97	95.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 21:00	417584	1-hr	104	102.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 21:00	417320	1-hr	88	85.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 21:00	417319	1-hr	93	91.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 21:00	417582	1-hr	96	94.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 22:00	417585	1-hr	99	97.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 22:00	417583	1-hr	93	91.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 22:00	417584	1-hr	100	97.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 22:00	417320	1-hr	94	91.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 22:00	417319	1-hr	90	88.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 22:00	417582	1-hr	97	95.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 23:00	417585	1-hr	101	98.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 23:00	417583	1-hr	91	89.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 1, 2023 23:00	417584	1-hr	85	82.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 23:00	417320	1-hr	90	87.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 23:00	417319	1-hr	88	86.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 23:00	417582	1-hr	97	94.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 1, 2023 23:00	417586	1-hr	83	81.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 23:00	417581	1-hr	81	79.4	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 1, 2023 24:00	417585	1-hr	106	103.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 1, 2023 24:00	417583	1-hr	93	91.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 1, 2023 24:00	417320	1-hr	85	82.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 1, 2023 24:00	417319	1-hr	87	85.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 1, 2023 24:00	417582	1-hr	97	95.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 1, 2023 24:00	417586	1-hr	83	80.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 1, 2023 24:00	417581	1-hr	85	82.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 01:00	417585	1-hr	104	102.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 2, 2023 01:00	417583	1-hr	90	87.8	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 2, 2023 01:00	417384	1-hr	84	82.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 2, 2023 01:00	417582	1-hr	95	93.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 2, 2023 01:00	417586	1-hr	81	79.3	nae
AAAQG	AMS09 Barge Landing	PM2.5	Aug 2, 2023 01:00	417581	1-hr	85	83.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 2, 2023 24:00	417583	24-hr	65	63.5	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 2, 2023 24:00	417590	24-hr	63	61.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 2, 2023 24:00	417584	24-hr	57	55.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 2, 2023 24:00	417591	24-hr	53	51.1	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 2, 2023 24:00	417588	24-hr	54	52.2	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 2, 2023 24:00	417592	24-hr	52	50.2	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 2, 2023 24:00	417383	24-hr	58	56.5	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 2, 2023 24:00	417384	24-hr	62	60.0	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 2, 2023 24:00	417582	24-hr	67	65.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 24:00	417585	24-hr	83	81.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 2, 2023 24:00	417587	24-hr	65	63.0	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 2, 2023 24:00	417586	24-hr	67	65.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 2, 2023 24:00	417580	24-hr	52	50.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 2, 2023 24:00	417589	24-hr	62	60.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 2, 2023 24:00	417581	24-hr	59	57.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 02:00	417585	1-hr	100	97.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 2, 2023 02:00	417583	1-hr	87	84.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 2, 2023 02:00	417582	1-hr	91	89.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 2, 2023 02:00	417581	1-hr	82	79.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 03:00	417585	1-hr	93	90.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 2, 2023 03:00	417583	1-hr	82	80.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 2, 2023 03:00	417582	1-hr	87	84.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 04:00	417585	1-hr	88	85.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 2, 2023 04:00	417583	1-hr	81	79.3	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 2, 2023 04:00	417582	1-hr	81	79.5	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 05:00	417585	1-hr	83	80.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 2, 2023 13:00	417588	1-hr	82	80.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 14:00	417585	1-hr	80	79.3	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 15:00	417585	1-hr	85	84.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 16:00	417585	1-hr	86	84.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 17:00	417585	1-hr	85	84.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 18:00	417585	1-hr	84	82.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 19:00	417585	1-hr	84	83.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 20:00	417585	1-hr	87	86.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 21:00	417585	1-hr	95	92.7	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 2, 2023 21:00	417588	1-hr	96	93.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 2, 2023 21:00	417589	1-hr	84	82.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 22:00	417585	1-hr	94	91.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 2, 2023 22:00	417589	1-hr	110	108.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 23:00	417585	1-hr	91	88.9	exc
AAAQO	AMS05 Mannix	H2S	Aug 2, 2023 23:00	417382	1-hr	14	13.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 2, 2023 24:00	417585	1-hr	88	86.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 01:00	417585	1-hr	86	83.9	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 3, 2023 24:00	417582	24-hr	40	37.8	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 24:00	417585	24-hr	46	43.9	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 3, 2023 24:00	417587	24-hr	34	32.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 3, 2023 24:00	417586	24-hr	39	37.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 3, 2023 24:00	417581	24-hr	36	34.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 3, 2023 24:00	417583	24-hr	35	33.5	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 3, 2023 24:00	417590	24-hr	32	30.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 3, 2023 24:00	417584	24-hr	35	33.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 3, 2023 24:00	417436	24-hr	33	30.7	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 3, 2023 24:00	417437	24-hr	31	29.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 3, 2023 24:00	417580	24-hr	46	44.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 02:00	417585	1-hr	80	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 05:00	417585	1-hr	89	87.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 07:00	417585	1-hr	82	80.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 3, 2023 08:00	417585	1-hr	81	78.9	nae
AAAQO	AMS11 Lower Camp	H2S	Aug 3, 2023 18:00	417434	1-hr	15	14.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 4, 2023 24:00	417580	24-hr	43	41.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 24:00	417582	24-hr	48	46.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 24:00	417585	24-hr	58	56.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 5, 2023 24:00	417491	24-hr	52	50.1	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 5, 2023 24:00	417492	24-hr	47	46.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 5, 2023 24:00	417587	24-hr	36	34.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 5, 2023 24:00	417586	24-hr	39	37.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 24:00	417580	24-hr	101	99.5	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 5, 2023 24:00	417581	24-hr	45	43.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 5, 2023 24:00	417583	24-hr	46	44.4	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 5, 2023 24:00	417584	24-hr	45	42.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 04:00	417580	1-hr	132	130.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 05:00	417580	1-hr	198	195.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 06:00	417580	1-hr	191	189.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 07:00	417580	1-hr	141	139.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 08:00	417580	1-hr	111	109.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 09:00	417580	1-hr	131	129.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 10:00	417580	1-hr	187	185.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 5, 2023 10:00	417584	1-hr	90	88.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 11:00	417580	1-hr	151	150.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 5, 2023 11:00	417584	1-hr	81	80.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 12:00	417585	1-hr	87	85.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 12:00	417580	1-hr	96	95.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 13:00	417582	1-hr	83	81.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 13:00	417585	1-hr	117	116.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 5, 2023 13:00	417492	1-hr	98	97.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 14:00	417582	1-hr	92	90.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 14:00	417585	1-hr	142	140.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 14:00	417580	1-hr	87	86.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 5, 2023 14:00	417491	1-hr	97	95.8	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 5, 2023 14:00	417492	1-hr	106	104.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 5, 2023 14:00	417581	1-hr	86	84.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 5, 2023 14:00	417583	1-hr	84	83.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 15:00	417582	1-hr	100	99.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 15:00	417585	1-hr	107	106.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 5, 2023 15:00	417491	1-hr	97	95.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 5, 2023 15:00	417492	1-hr	96	95.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 5, 2023 15:00	417581	1-hr	88	87.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 5, 2023 15:00	417583	1-hr	91	89.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 16:00	417582	1-hr	107	106.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 16:00	417585	1-hr	101	100.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 5, 2023 16:00	417492	1-hr	102	101.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 5, 2023 16:00	417581	1-hr	90	88.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 5, 2023 16:00	417583	1-hr	93	92.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 5, 2023 17:00	417582	1-hr	111	109.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 17:00	417585	1-hr	107	105.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 5, 2023 17:00	417583	1-hr	104	103.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 5, 2023 17:00	417492	1-hr	100	99.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 5, 2023 17:00	417581	1-hr	83	81.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 18:00	417585	1-hr	106	105.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 5, 2023 19:00	417585	1-hr	90	89.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 5, 2023 20:00	417587	1-hr	82	81.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 5, 2023 21:00	417588	1-hr	83	81.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 5, 2023 22:00	417491	1-hr	111	108.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 23:00	417580	1-hr	103	101.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 5, 2023 23:00	417491	1-hr	119	116.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 5, 2023 24:00	417580	1-hr	150	148.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 01:00	417580	1-hr	154	152.2	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 6, 2023 24:00	417590	24-hr	59	57.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 6, 2023 24:00	417584	24-hr	85	82.9	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 6, 2023 24:00	417591	24-hr	40	38.6	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 6, 2023 24:00	417588	24-hr	39	37.6	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 6, 2023 24:00	417592	24-hr	43	40.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 6, 2023 24:00	417516	24-hr	80	77.7	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 24:00	417582	24-hr	87	84.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 24:00	417585	24-hr	101	99.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 24:00	417587	24-hr	73	71.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 24:00	417586	24-hr	76	73.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 24:00	417580	24-hr	59	57.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 6, 2023 24:00	417581	24-hr	79	77.6	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 24:00	417583	24-hr	89	87.0	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 6, 2023 24:00	417589	24-hr	50	48.2	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 6, 2023 24:00	417517	24-hr	80	77.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 02:00	417580	1-hr	163	160.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 03:00	417580	1-hr	174	172.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 04:00	417580	1-hr	166	164.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 05:00	417580	1-hr	167	164.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 05:00	417584	1-hr	86	84.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 06:00	417580	1-hr	112	110.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 06:00	417584	1-hr	103	101.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 07:00	417580	1-hr	110	108.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 07:00	417584	1-hr	101	99.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 08:00	417580	1-hr	120	118.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 08:00	417584	1-hr	107	105.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 08:00	417516	1-hr	82	80.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 09:00	417585	1-hr	84	82.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 6, 2023 09:00	417580	1-hr	81	79.2	nae
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 09:00	417584	1-hr	123	120.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 09:00	417516	1-hr	120	118.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 09:00	417517	1-hr	81	79.0	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 10:00	417582	1-hr	84	81.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 10:00	417585	1-hr	118	116.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 10:00	417581	1-hr	90	88.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 10:00	417583	1-hr	84	81.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 10:00	417584	1-hr	119	117.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 10:00	417516	1-hr	115	113.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 10:00	417517	1-hr	108	105.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 11:00	417582	1-hr	129	127.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 11:00	417585	1-hr	124	122.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 11:00	417587	1-hr	87	85.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 11:00	417581	1-hr	120	118.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 11:00	417583	1-hr	128	125.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 11:00	417584	1-hr	126	123.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 11:00	417516	1-hr	121	119.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 11:00	417517	1-hr	133	131.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 12:00	417582	1-hr	137	135.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 12:00	417585	1-hr	158	156.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 12:00	417587	1-hr	80	78.6	nae
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 12:00	417581	1-hr	119	117.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 12:00	417583	1-hr	137	135.4	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 6, 2023 12:00	417590	1-hr	90	89.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 12:00	417584	1-hr	129	127.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 12:00	417516	1-hr	119	116.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 12:00	417517	1-hr	132	129.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 13:00	417582	1-hr	138	135.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 13:00	417585	1-hr	153	151.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 13:00	417587	1-hr	89	86.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 13:00	417586	1-hr	87	85.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 13:00	417581	1-hr	116	114.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 13:00	417583	1-hr	134	131.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 13:00	417584	1-hr	131	129.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 13:00	417516	1-hr	120	117.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 13:00	417517	1-hr	129	126.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 14:00	417582	1-hr	142	140.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 14:00	417585	1-hr	157	155.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 14:00	417587	1-hr	88	86.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 14:00	417586	1-hr	89	87.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 14:00	417581	1-hr	115	113.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 14:00	417583	1-hr	138	135.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 14:00	417584	1-hr	119	116.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 14:00	417516	1-hr	135	133.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 14:00	417517	1-hr	128	126.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 15:00	417582	1-hr	149	146.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 15:00	417585	1-hr	164	162.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 15:00	417587	1-hr	87	85.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 15:00	417586	1-hr	97	95.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 15:00	417581	1-hr	124	122.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 15:00	417583	1-hr	145	142.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 15:00	417584	1-hr	94	92.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 15:00	417516	1-hr	126	124.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 15:00	417517	1-hr	119	117.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 16:00	417582	1-hr	133	130.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 16:00	417585	1-hr	147	145.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 16:00	417587	1-hr	96	94.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 16:00	417586	1-hr	108	105.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 16:00	417581	1-hr	120	117.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 16:00	417583	1-hr	135	133.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 16:00	417584	1-hr	95	92.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 16:00	417516	1-hr	91	89.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 16:00	417517	1-hr	107	105.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 17:00	417582	1-hr	122	119.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 17:00	417585	1-hr	132	130.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 17:00	417587	1-hr	89	87.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 17:00	417586	1-hr	108	106.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 17:00	417581	1-hr	106	104.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 17:00	417583	1-hr	128	125.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 6, 2023 17:00	417584	1-hr	103	101.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 6, 2023 17:00	417516	1-hr	88	86.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 17:00	417517	1-hr	97	95.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 18:00	417582	1-hr	117	115.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 18:00	417585	1-hr	113	111.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 18:00	417587	1-hr	87	85.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 18:00	417586	1-hr	97	95.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 18:00	417581	1-hr	112	110.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 18:00	417583	1-hr	114	112.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 18:00	417517	1-hr	93	91.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 19:00	417582	1-hr	96	94.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 19:00	417585	1-hr	120	118.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 19:00	417587	1-hr	90	88.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 19:00	417586	1-hr	99	97.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 19:00	417581	1-hr	98	96.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 19:00	417583	1-hr	105	103.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 6, 2023 19:00	417517	1-hr	91	89.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 20:00	417585	1-hr	129	126.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 20:00	417587	1-hr	88	85.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 20:00	417586	1-hr	84	82.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 6, 2023 20:00	417581	1-hr	81	78.8	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 20:00	417583	1-hr	90	88.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 6, 2023 20:00	417582	1-hr	81	79.4	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 21:00	417585	1-hr	122	119.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 21:00	417587	1-hr	86	84.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 21:00	417586	1-hr	87	84.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 6, 2023 21:00	417583	1-hr	85	83.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 6, 2023 22:00	417585	1-hr	95	93.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 22:00	417587	1-hr	86	84.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 22:00	417586	1-hr	86	84.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 23:00	417587	1-hr	93	91.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 23:00	417586	1-hr	93	91.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 6, 2023 24:00	417587	1-hr	93	91.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 6, 2023 24:00	417586	1-hr	98	95.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 7, 2023 01:00	417817	1-hr	84	82.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 7, 2023 05:00	417818	1-hr	82	80.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 14, 2023 24:00	418121	24-hr	30	28.8	nae
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 14, 2023 24:00	418129	24-hr	33	31.5	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 14, 2023 24:00	418130	24-hr	44	43.1	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 14, 2023 24:00	418127	24-hr	43	41.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 14, 2023 24:00	417823	24-hr	48	46.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 14, 2023 24:00	418128	24-hr	35	33.4	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 14, 2023 24:00	417825	24-hr	34	32.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 24:00	418118	24-hr	328	326.0	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 14, 2023 24:00	418119	24-hr	61	60.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 02:00	418118	1-hr	136	134.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 03:00	418118	1-hr	243	241.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 04:00	418118	1-hr	453	450.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 05:00	418118	1-hr	353	351.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 06:00	418118	1-hr	243	241.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 14, 2023 06:00	418119	1-hr	159	156.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 06:00	417823	1-hr	144	142.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 14, 2023 06:00	417825	1-hr	82	80.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 07:00	418118	1-hr	166	164.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 14, 2023 07:00	418119	1-hr	285	283.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 07:00	417823	1-hr	209	207.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 14, 2023 07:00	417825	1-hr	158	155.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 14, 2023 08:00	418120	1-hr	112	109.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 14, 2023 08:00	418121	1-hr	164	162.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 08:00	418118	1-hr	235	233.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 14, 2023 08:00	418122	1-hr	135	133.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 14, 2023 08:00	418123	1-hr	113	111.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 14, 2023 08:00	418119	1-hr	274	272.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 08:00	417823	1-hr	170	167.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 14, 2023 08:00	417825	1-hr	160	157.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 14, 2023 09:00	418120	1-hr	116	114.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 14, 2023 09:00	418121	1-hr	141	139.8	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 14, 2023 09:00	418124	1-hr	127	125.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 14, 2023 09:00	418125	1-hr	87	86.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 09:00	418118	1-hr	363	361.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 14, 2023 09:00	418126	1-hr	102	99.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 14, 2023 09:00	418122	1-hr	122	120.3	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 14, 2023 09:00	418123	1-hr	159	157.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 14, 2023 09:00	418119	1-hr	283	280.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 09:00	418127	1-hr	82	81.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 09:00	417823	1-hr	126	124.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 14, 2023 09:00	418128	1-hr	173	170.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 14, 2023 09:00	417825	1-hr	109	107.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 14, 2023 10:00	418121	1-hr	95	94.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 14, 2023 10:00	418125	1-hr	102	101.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 10:00	418118	1-hr	633	630.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 14, 2023 10:00	418123	1-hr	149	148.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 14, 2023 10:00	418119	1-hr	164	162.4	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 10:00	418127	1-hr	185	183.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 14, 2023 10:00	418128	1-hr	196	193.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 11:00	418118	1-hr	806	804.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 14, 2023 11:00	418123	1-hr	84	82.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 14, 2023 11:00	418129	1-hr	95	93.2	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 14, 2023 11:00	418130	1-hr	102	100.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 11:00	418127	1-hr	194	192.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 14, 2023 11:00	418128	1-hr	153	151.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 12:00	418118	1-hr	812	810.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 14, 2023 12:00	418129	1-hr	174	172.6	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 14, 2023 12:00	418130	1-hr	191	190.3	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 12:00	418127	1-hr	189	188.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 14, 2023 12:00	418128	1-hr	81	78.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 13:00	418118	1-hr	773	771.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 14, 2023 13:00	418129	1-hr	130	128.5	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 14, 2023 13:00	418130	1-hr	148	147.1	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 13:00	418127	1-hr	118	117.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 14:00	418118	1-hr	729	727.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 14, 2023 14:00	418129	1-hr	114	112.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 14, 2023 14:00	418130	1-hr	117	115.0	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 14, 2023 14:00	418127	1-hr	90	88.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 15:00	418118	1-hr	602	601.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 16:00	418118	1-hr	453	452.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 17:00	418118	1-hr	244	243.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 18:00	418118	1-hr	244	242.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 14, 2023 19:00	418118	1-hr	162	160.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 14, 2023 20:00	418130	1-hr	122	120.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 22:00	417823	1-hr	92	90.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 14, 2023 23:00	417823	1-hr	92	89.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 24:00	418118	24-hr	62	60.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 11:00	418118	1-hr	84	82.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 20:00	418118	1-hr	84	82.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 21:00	418118	1-hr	111	109.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 22:00	418118	1-hr	113	111.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 23:00	418118	1-hr	105	103.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 15, 2023 24:00	418118	1-hr	125	123.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 01:00	418118	1-hr	218	216.0	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 16, 2023 24:00	418119	24-hr	58	56.4	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 16, 2023 24:00	418128	24-hr	30	28.3	nae
AAAQO	AMS30 Ells River	PM2.5	Aug 16, 2023 24:00	417924	24-hr	51	49.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 16, 2023 24:00	418120	24-hr	48	46.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 24:00	418121	24-hr	54	52.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 16, 2023 24:00	418124	24-hr	39	37.0	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 16, 2023 24:00	418125	24-hr	41	39.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 24:00	418118	24-hr	101	99.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 16, 2023 24:00	418126	24-hr	45	43.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 16, 2023 24:00	418122	24-hr	49	47.4	exc



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Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS14 Anzac	PM2.5	Aug 16, 2023 24:00	418123	24-hr	32	29.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 16, 2023 24:00	417925	24-hr	59	57.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 02:00	418118	1-hr	256	254.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 03:00	418118	1-hr	219	216.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 04:00	418118	1-hr	219	216.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 05:00	418118	1-hr	212	210.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 06:00	418118	1-hr	191	189.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 07:00	418118	1-hr	153	151.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 07:00	417925	1-hr	87	85.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 08:00	418121	1-hr	84	82.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 08:00	418118	1-hr	129	127.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 08:00	417925	1-hr	99	97.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 09:00	418121	1-hr	90	88.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 09:00	418118	1-hr	120	117.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 16, 2023 09:00	418126	1-hr	89	87.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 09:00	418119	1-hr	92	89.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 16, 2023 09:00	417924	1-hr	104	102.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 16, 2023 09:00	418120	1-hr	96	94.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 16, 2023 09:00	418122	1-hr	94	92.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 09:00	417925	1-hr	123	120.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 10:00	418121	1-hr	111	108.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 16, 2023 10:00	418125	1-hr	96	94.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 10:00	418118	1-hr	103	100.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 16, 2023 10:00	418126	1-hr	107	105.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 10:00	418119	1-hr	137	135.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 16, 2023 10:00	417924	1-hr	104	101.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 16, 2023 10:00	418120	1-hr	111	108.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 16, 2023 10:00	418124	1-hr	89	86.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 16, 2023 10:00	418122	1-hr	110	108.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 10:00	417925	1-hr	131	129.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 11:00	418121	1-hr	161	159.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 16, 2023 11:00	418124	1-hr	93	90.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 16, 2023 11:00	418125	1-hr	109	106.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 16, 2023 11:00	418118	1-hr	96	94.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 16, 2023 11:00	418126	1-hr	121	119.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 11:00	418119	1-hr	162	160.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 16, 2023 11:00	417924	1-hr	146	144.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 16, 2023 11:00	418120	1-hr	126	124.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 16, 2023 11:00	418122	1-hr	125	123.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 11:00	417925	1-hr	146	144.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 12:00	418121	1-hr	138	135.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 16, 2023 12:00	418124	1-hr	88	86.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 16, 2023 12:00	418125	1-hr	95	93.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 12:00	418119	1-hr	155	153.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 16, 2023 12:00	417924	1-hr	122	120.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 16, 2023 12:00	418120	1-hr	120	118.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 16, 2023 12:00	418126	1-hr	117	115.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 16, 2023 12:00	418122	1-hr	112	110.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 12:00	417925	1-hr	165	162.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 16, 2023 12:00	418128	1-hr	80	78.6	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 16, 2023 13:00	418121	1-hr	86	84.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 16, 2023 13:00	418125	1-hr	83	82.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 13:00	418119	1-hr	157	155.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 16, 2023 13:00	417925	1-hr	92	90.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 16, 2023 14:00	418119	1-hr	126	123.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 17, 2023 24:00	418118	24-hr	31	29.8	exc
AAAQO	AMS05 Mannix	H2S	Aug 17, 2023 20:00	417993	1-hr	14	14.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 17, 2023 23:00	418118	1-hr	164	162.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 17, 2023 24:00	418118	1-hr	116	113.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 01:00	418118	1-hr	88	86.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 18, 2023 24:00	418120	24-hr	50	48.5	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 24:00	418121	24-hr	70	68.3	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 18, 2023 24:00	418124	24-hr	54	52.4	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 24:00	418125	24-hr	56	53.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 24:00	418118	24-hr	67	65.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 18, 2023 24:00	418122	24-hr	54	52.3	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 18, 2023 24:00	418123	24-hr	54	52.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 24:00	418129	24-hr	41	38.8	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 18, 2023 24:00	418130	24-hr	31	-	ret
AAAQO	AMS22 Janvier	PM2.5	Aug 18, 2023 24:00	418127	24-hr	47	45.2	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 18, 2023 24:00	418035	24-hr	68	66.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 18, 2023 24:00	418126	24-hr	48	45.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 18, 2023 24:00	418119	24-hr	54	51.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 18, 2023 24:00	418128	24-hr	49	47.0	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 18, 2023 24:00	418036	24-hr	47	45.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 02:00	418118	1-hr	98	96.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 18, 2023 02:00	418035	1-hr	87	84.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 03:00	418118	1-hr	103	101.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 04:00	418118	1-hr	103	100.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 05:00	418118	1-hr	108	106.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 06:00	418121	1-hr	101	99.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 06:00	418118	1-hr	97	94.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 07:00	418121	1-hr	94	92.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 07:00	418125	1-hr	82	80.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 18, 2023 07:00	418126	1-hr	84	82.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 18, 2023 07:00	418035	1-hr	89	86.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 18, 2023 08:00	418120	1-hr	86	84.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 08:00	418121	1-hr	132	129.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 18, 2023 08:00	418124	1-hr	96	94.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 08:00	418125	1-hr	116	114.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 18, 2023 08:00	418126	1-hr	89	87.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 18, 2023 08:00	418122	1-hr	92	90.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 18, 2023 08:00	418119	1-hr	91	89.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 18, 2023 08:00	418035	1-hr	105	103.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 18, 2023 09:00	418120	1-hr	91	89.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 09:00	418121	1-hr	131	129.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 18, 2023 09:00	418124	1-hr	119	117.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 09:00	418125	1-hr	110	107.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 09:00	418118	1-hr	126	124.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 18, 2023 09:00	418122	1-hr	90	88.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 18, 2023 09:00	418123	1-hr	106	104.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 18, 2023 09:00	418119	1-hr	130	128.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 18, 2023 09:00	418035	1-hr	118	116.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 18, 2023 09:00	418036	1-hr	89	87.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 10:00	418121	1-hr	120	117.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 18, 2023 10:00	418124	1-hr	107	105.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 10:00	418125	1-hr	110	108.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 10:00	418118	1-hr	116	113.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 18, 2023 10:00	418122	1-hr	104	102.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 18, 2023 10:00	418123	1-hr	133	130.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 18, 2023 10:00	418119	1-hr	116	113.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 18, 2023 10:00	418128	1-hr	95	93.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 18, 2023 11:00	418121	1-hr	86	83.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 18, 2023 11:00	418124	1-hr	86	83.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 18, 2023 11:00	418125	1-hr	94	92.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 18, 2023 11:00	418118	1-hr	86	84.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 18, 2023 11:00	418123	1-hr	129	127.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 11:00	418129	1-hr	85	82.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 18, 2023 11:00	418127	1-hr	93	90.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 18, 2023 11:00	418128	1-hr	113	111.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 18, 2023 12:00	418123	1-hr	105	103.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 12:00	418129	1-hr	95	93.2	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 18, 2023 12:00	418127	1-hr	110	108.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 18, 2023 12:00	418128	1-hr	108	106.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 18, 2023 13:00	418123	1-hr	81	78.8	nae
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 13:00	418129	1-hr	99	97.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS21 Conklin	PM2.5	Aug 18, 2023 13:00	418130	1-hr	107	104.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 18, 2023 13:00	418127	1-hr	105	103.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 18, 2023 13:00	418128	1-hr	97	95.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 14:00	418129	1-hr	85	82.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 18, 2023 14:00	418130	1-hr	95	92.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 18, 2023 14:00	418127	1-hr	98	96.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 18, 2023 15:00	418129	1-hr	80	78.2	nae
AAAQG	AMS21 Conklin	PM2.5	Aug 18, 2023 15:00	418130	1-hr	84	82.0	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 18, 2023 15:00	418127	1-hr	84	82.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 20, 2023 24:00	418067	24-hr	39	37.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 20, 2023 19:00	418067	1-hr	85	83.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 20, 2023 20:00	418067	1-hr	134	131.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 20, 2023 21:00	418067	1-hr	150	147.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 21, 2023 24:00	418131	24-hr	58	56.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 21, 2023 20:00	418131	1-hr	364	362.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 21, 2023 21:00	418131	1-hr	187	185.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 21, 2023 22:00	418131	1-hr	134	132.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 21, 2023 23:00	418131	1-hr	214	212.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 21, 2023 24:00	418131	1-hr	208	206.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 01:00	418173	1-hr	932	930.4	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 22, 2023 24:00	418449	24-hr	30	28.4	nae
AAAQO	AMS23 Fort Hills	PM2.5	Aug 22, 2023 24:00	418173	24-hr	231	229.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 22, 2023 24:00	418450	24-hr	33	31.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 02:00	418173	1-hr	308	306.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 03:00	418173	1-hr	388	386.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 04:00	418173	1-hr	172	170.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 05:00	418173	1-hr	155	153.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 20:00	418173	1-hr	545	543.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 21:00	418173	1-hr	765	763.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 22:00	418173	1-hr	497	495.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 23:00	418173	1-hr	499	497.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 22, 2023 24:00	418173	1-hr	831	829.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 24:00	418457	24-hr	113	111.0	exc
AAAQO	AMS05 Mannix	H2S	Aug 23, 2023 24:00	418234	24-hr	3	2.9	nae
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 23, 2023 24:00	418458	24-hr	66	64.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 23, 2023 24:00	418459	24-hr	66	64.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 23, 2023 24:00	418456	24-hr	70	67.7	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 23, 2023 24:00	418235	24-hr	82	80.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 24:00	418452	24-hr	108	107.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 24:00	418451	24-hr	53	51.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 23, 2023 24:00	418450	24-hr	102	103.2	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 24:00	418455	24-hr	96	94.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 23, 2023 24:00	418236	24-hr	117	114.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 14:00	418451	1-hr	105	103.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 15:00	418451	1-hr	126	123.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 16:00	418451	1-hr	158	155.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 17:00	418451	1-hr	157	155.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 23, 2023 18:00	418451	1-hr	98	95.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 18:00	418236	1-hr	110	108.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 19:00	418452	1-hr	153	150.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 19:00	418455	1-hr	100	98.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 19:00	418456	1-hr	143	141.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 19:00	418236	1-hr	326	324.5	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 19:00	418235	1-hr	155	153.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 19:00	418450	1-hr	127	124.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 20:00	418452	1-hr	394	392.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 20:00	418457	1-hr	199	196.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 20:00	418455	1-hr	330	328.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 20:00	418456	1-hr	302	300.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 20:00	418236	1-hr	453	450.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 20:00	418235	1-hr	311	308.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 20:00	418450	1-hr	333	330.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 21:00	418452	1-hr	474	471.8	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 21:00	418457	1-hr	368	366.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 23, 2023 21:00	418458	1-hr	166	163.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 23, 2023 21:00	418459	1-hr	85	83.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 21:00	418455	1-hr	448	446.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 21:00	418456	1-hr	221	219.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 21:00	418236	1-hr	449	447.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 21:00	418235	1-hr	361	359.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 21:00	418450	1-hr	449	447.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 22:00	418452	1-hr	411	409.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 22:00	418457	1-hr	464	462.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 23, 2023 22:00	418458	1-hr	271	269.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 23, 2023 22:00	418459	1-hr	296	293.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 22:00	418455	1-hr	404	402.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 22:00	418456	1-hr	136	134.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 22:00	418236	1-hr	356	354.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 22:00	418235	1-hr	301	299.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 22:00	418450	1-hr	414	412.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 23:00	418452	1-hr	321	319.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 23:00	418457	1-hr	477	475.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 23, 2023 23:00	418458	1-hr	285	283.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 23, 2023 23:00	418459	1-hr	298	296.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 23:00	418455	1-hr	328	325.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 23:00	418456	1-hr	155	153.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 23:00	418236	1-hr	269	267.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 23:00	418235	1-hr	244	242.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 23:00	418450	1-hr	324	322.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 23, 2023 24:00	418452	1-hr	247	244.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 23, 2023 24:00	418457	1-hr	419	416.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 23, 2023 24:00	418458	1-hr	325	322.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 23, 2023 24:00	418459	1-hr	332	330.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 23, 2023 24:00	418455	1-hr	250	247.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 23, 2023 24:00	418456	1-hr	193	191.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 23, 2023 24:00	418236	1-hr	224	222.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 23, 2023 24:00	418235	1-hr	183	181.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 23, 2023 24:00	418450	1-hr	249	247.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 01:00	418452	1-hr	187	185.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 01:00	418457	1-hr	318	315.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 01:00	418458	1-hr	344	342.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 24, 2023 01:00	418450	1-hr	182	180.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 01:00	418455	1-hr	186	184.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 24, 2023 01:00	418456	1-hr	216	213.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 24, 2023 01:00	418293	1-hr	185	182.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 24, 2023 01:00	418294	1-hr	137	134.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 01:00	418459	1-hr	372	370.3	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 01:00	418460	1-hr	105	103.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 24:00	418452	24-hr	40	38.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 24:00	418457	24-hr	54	52.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 24:00	418455	24-hr	40	39.5	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 24, 2023 24:00	418460	24-hr	65	63.4	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 24, 2023 24:00	418456	24-hr	31	29.0	nae
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 24, 2023 24:00	418463	24-hr	30	28.4	nae
AAAQO	AMS23 Fort Hills	PM2.5	Aug 24, 2023 24:00	418293	24-hr	49	47.4	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 24, 2023 24:00	418461	24-hr	49	47.1	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 24, 2023 24:00	418294	24-hr	33	31.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 24:00	418458	24-hr	60	58.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 24:00	418459	24-hr	66	64.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 24, 2023 24:00	418450	24-hr	37	35.2	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 24, 2023 24:00	418449	24-hr	34	32.6	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 24, 2023 24:00	418462	24-hr	35	33.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 02:00	418452	1-hr	140	137.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 02:00	418457	1-hr	209	207.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 02:00	418458	1-hr	317	315.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 24, 2023 02:00	418450	1-hr	135	133.3	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 02:00	418455	1-hr	140	137.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 24, 2023 02:00	418456	1-hr	146	144.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 24, 2023 02:00	418293	1-hr	168	166.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 24, 2023 02:00	418294	1-hr	112	109.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 02:00	418459	1-hr	360	358.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 02:00	418460	1-hr	157	155.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 03:00	418452	1-hr	139	136.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 03:00	418457	1-hr	159	157.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 03:00	418458	1-hr	207	205.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 24, 2023 03:00	418450	1-hr	124	122.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 03:00	418455	1-hr	122	120.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 03:00	418460	1-hr	193	191.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 24, 2023 03:00	418456	1-hr	95	93.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 24, 2023 03:00	418293	1-hr	189	187.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 24, 2023 03:00	418294	1-hr	122	120.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 03:00	418459	1-hr	240	238.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 04:00	418452	1-hr	132	129.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 04:00	418457	1-hr	130	128.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 04:00	418458	1-hr	126	124.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 24, 2023 04:00	418450	1-hr	121	119.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 04:00	418455	1-hr	126	124.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 24, 2023 04:00	418293	1-hr	155	153.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 24, 2023 04:00	418461	1-hr	125	123.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 24, 2023 04:00	418294	1-hr	101	99.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 04:00	418459	1-hr	144	142.2	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 04:00	418460	1-hr	230	228.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 24, 2023 05:00	418452	1-hr	93	90.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 24, 2023 05:00	418457	1-hr	97	95.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 24, 2023 05:00	418458	1-hr	88	86.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 24, 2023 05:00	418450	1-hr	82	79.7	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 24, 2023 05:00	418455	1-hr	88	86.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 24, 2023 05:00	418293	1-hr	125	123.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 24, 2023 05:00	418461	1-hr	171	168.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 24, 2023 05:00	418294	1-hr	87	84.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 24, 2023 05:00	418459	1-hr	106	103.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 05:00	418460	1-hr	221	218.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 06:00	418460	1-hr	151	148.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 24, 2023 06:00	418461	1-hr	166	164.4	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 24, 2023 07:00	418460	1-hr	100	97.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 24, 2023 07:00	418462	1-hr	117	115.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 24, 2023 07:00	418461	1-hr	114	112.1	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 24, 2023 08:00	418462	1-hr	106	104.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 01:00	418345	1-hr	116	114.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 25, 2023 24:00	418452	24-hr	55	53.5	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 25, 2023 24:00	418450	24-hr	53	51.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 24:00	418455	24-hr	56	54.6	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 25, 2023 24:00	418460	24-hr	46	46.3	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 25, 2023 24:00	418456	24-hr	48	46.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 25, 2023 24:00	418463	24-hr	53	51.7	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 25, 2023 24:00	418449	24-hr	48	46.3	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 25, 2023 24:00	418462	24-hr	42	40.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 24:00	418457	24-hr	55	53.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 24:00	418458	24-hr	55	53.5	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 24:00	418459	24-hr	54	52.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 24:00	418451	24-hr	65	63.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 25, 2023 24:00	418461	24-hr	42	40.2	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 25, 2023 24:00	418341	24-hr	49	47.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 25, 2023 24:00	418345	24-hr	73	71.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 25, 2023 03:00	418463	1-hr	89	86.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 03:00	418345	1-hr	109	106.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 25, 2023 04:00	418463	1-hr	97	95.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 25, 2023 05:00	418463	1-hr	91	89.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 25, 2023 06:00	418463	1-hr	82	80.6	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 10:00	418458	1-hr	94	91.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 11:00	418458	1-hr	110	108.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 11:00	418459	1-hr	81	79.2	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 11:00	418455	1-hr	82	80.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 12:00	418457	1-hr	129	127.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 12:00	418458	1-hr	110	108.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 12:00	418459	1-hr	107	105.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 12:00	418451	1-hr	105	104.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 25, 2023 12:00	418450	1-hr	90	88.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 12:00	418455	1-hr	110	108.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 12:00	418345	1-hr	92	90.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 25, 2023 12:00	418341	1-hr	91	89.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 25, 2023 12:00	418452	1-hr	121	119.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 25, 2023 13:00	418452	1-hr	131	129.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 13:00	418457	1-hr	117	116.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 13:00	418458	1-hr	106	104.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 13:00	418459	1-hr	110	109.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 13:00	418451	1-hr	120	119.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 25, 2023 13:00	418450	1-hr	119	117.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 13:00	418455	1-hr	130	128.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 25, 2023 13:00	418456	1-hr	84	82.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 13:00	418345	1-hr	132	130.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 25, 2023 13:00	418341	1-hr	128	127.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 25, 2023 14:00	418452	1-hr	138	136.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 14:00	418457	1-hr	97	95.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 14:00	418459	1-hr	99	98.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 14:00	418451	1-hr	123	122.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 25, 2023 14:00	418450	1-hr	137	135.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 14:00	418455	1-hr	136	135.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 25, 2023 14:00	418456	1-hr	110	109.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 14:00	418345	1-hr	175	173.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 25, 2023 14:00	418341	1-hr	134	133.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 25, 2023 14:00	418458	1-hr	86	84.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 25, 2023 15:00	418452	1-hr	106	105.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 15:00	418459	1-hr	89	88.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 15:00	418451	1-hr	114	113.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 25, 2023 15:00	418450	1-hr	106	104.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 15:00	418455	1-hr	96	94.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 25, 2023 15:00	418456	1-hr	115	113.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 15:00	418345	1-hr	149	148.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 25, 2023 15:00	418341	1-hr	98	96.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 15:00	418457	1-hr	81	80.0	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 25, 2023 16:00	418459	1-hr	81	79.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 16:00	418451	1-hr	108	106.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 25, 2023 16:00	418455	1-hr	82	80.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 25, 2023 16:00	418456	1-hr	87	85.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 16:00	418345	1-hr	105	104.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 25, 2023 16:00	418457	1-hr	82	81.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 17:00	418451	1-hr	110	109.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 25, 2023 17:00	418456	1-hr	84	83.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 17:00	418345	1-hr	83	81.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 18:00	418451	1-hr	106	105.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 18:00	418345	1-hr	86	85.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 19:00	418451	1-hr	139	137.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 19:00	418345	1-hr	93	92.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 20:00	418451	1-hr	145	144.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 20:00	418345	1-hr	104	102.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 21:00	418451	1-hr	120	117.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 25, 2023 21:00	418449	1-hr	87	85.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 21:00	418345	1-hr	85	83.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 25, 2023 22:00	418451	1-hr	87	84.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 22:00	418345	1-hr	84	82.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 23:00	418345	1-hr	85	83.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Aug 25, 2023 24:00	418345	1-hr	86	84.4	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 24:00	418458	24-hr	84	83.0	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 24:00	418459	24-hr	100	98.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 26, 2023 24:00	418450	24-hr	119	117.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 24:00	418455	24-hr	119	117.7	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 26, 2023 24:00	418460	24-hr	65	64.3	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 26, 2023 24:00	418463	24-hr	31	29.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 24:00	418452	24-hr	126	124.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 24:00	418457	24-hr	125	123.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 24:00	418451	24-hr	151	149.8	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 26, 2023 24:00	418456	24-hr	98	96.2	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 26, 2023 24:00	418449	24-hr	37	35.6	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 26, 2023 24:00	418365	24-hr	142	-	ret
AAAQO	AMS29 Surmont 2	PM2.5	Aug 26, 2023 24:00	418461	24-hr	47	45.4	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 26, 2023 24:00	418366	24-hr	104	102.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 14:00	418451	1-hr	90	89.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 15:00	418451	1-hr	147	145.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 16:00	418451	1-hr	200	198.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 17:00	418451	1-hr	274	272.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 17:00	418365	1-hr	81	-	ret
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 18:00	418452	1-hr	119	117.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 18:00	418451	1-hr	376	374.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 18:00	418450	1-hr	113	112.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 18:00	418455	1-hr	84	83.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 18:00	418456	1-hr	173	171.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 18:00	418366	1-hr	149	148.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 18:00	418365	1-hr	199	-	ret
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 19:00	418452	1-hr	237	236.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 19:00	418457	1-hr	212	211.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 19:00	418451	1-hr	473	471.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 19:00	418450	1-hr	208	206.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 19:00	418455	1-hr	216	214.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 19:00	418456	1-hr	313	312.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 19:00	418366	1-hr	203	202.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 19:00	418365	1-hr	293	-	ret
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 20:00	418452	1-hr	394	393.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 20:00	418457	1-hr	331	329.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 20:00	418458	1-hr	174	173.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 20:00	418459	1-hr	218	217.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 20:00	418451	1-hr	421	419.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 20:00	418450	1-hr	370	368.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 20:00	418455	1-hr	365	364.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 20:00	418456	1-hr	342	340.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 20:00	418365	1-hr	401	-	ret
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 20:00	418366	1-hr	323	322.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 21:00	418452	1-hr	376	374.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 21:00	418457	1-hr	423	421.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 21:00	418458	1-hr	321	319.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 21:00	418459	1-hr	355	353.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 21:00	418451	1-hr	337	334.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 21:00	418450	1-hr	348	346.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 21:00	418455	1-hr	352	350.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 26, 2023 21:00	418460	1-hr	86	84.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 21:00	418456	1-hr	243	241.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 21:00	418366	1-hr	311	309.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 21:00	418365	1-hr	394	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 22:00	418457	1-hr	398	396.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 22:00	418458	1-hr	324	322.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 22:00	418459	1-hr	382	379.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 22:00	418451	1-hr	244	242.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 22:00	418450	1-hr	351	349.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 22:00	418455	1-hr	352	349.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 26, 2023 22:00	418460	1-hr	274	272.4	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 22:00	418456	1-hr	217	214.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 22:00	418366	1-hr	315	313.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 22:00	418452	1-hr	383	381.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 22:00	418365	1-hr	396	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 23:00	418457	1-hr	388	385.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 23:00	418458	1-hr	326	324.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 23:00	418459	1-hr	362	359.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 23:00	418451	1-hr	190	188.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 23:00	418450	1-hr	352	349.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 23:00	418455	1-hr	360	358.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 26, 2023 23:00	418460	1-hr	351	359.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 23:00	418456	1-hr	209	207.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 23:00	418365	1-hr	381	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 26, 2023 23:00	418461	1-hr	217	215.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 23:00	418366	1-hr	284	281.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 23:00	418452	1-hr	374	371.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 26, 2023 24:00	418457	1-hr	394	391.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 26, 2023 24:00	418458	1-hr	322	320.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 26, 2023 24:00	418459	1-hr	357	354.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 26, 2023 24:00	418451	1-hr	173	171.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 26, 2023 24:00	418450	1-hr	348	346.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 26, 2023 24:00	418455	1-hr	342	339.8	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 26, 2023 24:00	418460	1-hr	318	315.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 26, 2023 24:00	418456	1-hr	198	196.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 26, 2023 24:00	418462	1-hr	129	127.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 26, 2023 24:00	418461	1-hr	331	329.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 26, 2023 24:00	418366	1-hr	192	190.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 26, 2023 24:00	418452	1-hr	343	341.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 26, 2023 24:00	418365	1-hr	319	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 01:00	418457	1-hr	386	384.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 01:00	418458	1-hr	319	316.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 01:00	418459	1-hr	349	347.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 01:00	418451	1-hr	199	197.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 01:00	418450	1-hr	349	346.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 01:00	418460	1-hr	302	299.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 01:00	418456	1-hr	220	218.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 01:00	418463	1-hr	131	129.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 01:00	418449	1-hr	95	93.2	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 01:00	418462	1-hr	257	254.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 01:00	418382	1-hr	248	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 01:00	418461	1-hr	306	304.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 01:00	418383	1-hr	154	152.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 01:00	418452	1-hr	299	297.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 01:00	418455	1-hr	318	316.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 24:00	418457	24-hr	189	187.9	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 24:00	418458	24-hr	164	162.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 24:00	418459	24-hr	209	207.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 24:00	418451	24-hr	174	172.2	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 27, 2023 24:00	418460	24-hr	186	184.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 27, 2023 24:00	418456	24-hr	140	138.5	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 27, 2023 24:00	418449	24-hr	147	145.8	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 27, 2023 24:00	418462	24-hr	165	163.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 27, 2023 24:00	418382	24-hr	169	-	ret
AAAQO	AMS30 Ells River	PM2.5	Aug 27, 2023 24:00	418383	24-hr	129	127.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 24:00	418452	24-hr	167	165.4	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 27, 2023 24:00	418450	24-hr	168	166.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 24:00	418455	24-hr	167	165.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 24:00	418463	24-hr	154	152.3	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 27, 2023 24:00	418461	24-hr	152	150.5	exc
AAAQO	AMS30 Ells River	TSP	Aug 27, 2023 24:00	419791	24-hr	129	129.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 02:00	418457	1-hr	330	327.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 02:00	418458	1-hr	321	318.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 02:00	418459	1-hr	347	344.9	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 02:00	418451	1-hr	214	212.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 02:00	418450	1-hr	344	342.2	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 02:00	418460	1-hr	299	297.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 02:00	418456	1-hr	225	223.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 02:00	418463	1-hr	215	213.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 02:00	418449	1-hr	146	144.4	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 02:00	418462	1-hr	315	312.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 02:00	418382	1-hr	245	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 02:00	418461	1-hr	273	271.5	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 02:00	418383	1-hr	140	138.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 02:00	418452	1-hr	270	268.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 02:00	418455	1-hr	264	262.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 03:00	418457	1-hr	225	223.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 03:00	418458	1-hr	315	313.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 03:00	418459	1-hr	348	346.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 03:00	418451	1-hr	235	232.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 03:00	418460	1-hr	322	320.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 03:00	418456	1-hr	220	218.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 03:00	418463	1-hr	300	298.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 03:00	418449	1-hr	158	156.1	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 03:00	418462	1-hr	311	308.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 03:00	418461	1-hr	223	221.5	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 03:00	418383	1-hr	131	129.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 03:00	418452	1-hr	211	209.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 03:00	418450	1-hr	274	272.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 03:00	418455	1-hr	195	193.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 03:00	418382	1-hr	194	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 04:00	418457	1-hr	234	232.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 04:00	418458	1-hr	278	276.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 04:00	418459	1-hr	344	342.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 04:00	418451	1-hr	245	243.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 04:00	418455	1-hr	168	166.2	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 04:00	418460	1-hr	329	327.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 04:00	418456	1-hr	196	194.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 04:00	418463	1-hr	304	301.6	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 04:00	418449	1-hr	173	171.3	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 04:00	418462	1-hr	301	298.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 04:00	418382	1-hr	171	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 04:00	418461	1-hr	207	205.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 04:00	418383	1-hr	135	133.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 04:00	418452	1-hr	181	178.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 04:00	418450	1-hr	202	199.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 05:00	418457	1-hr	214	212.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 05:00	418458	1-hr	244	242.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 05:00	418459	1-hr	325	323.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 05:00	418451	1-hr	281	278.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 05:00	418455	1-hr	171	169.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 05:00	418460	1-hr	332	330.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 05:00	418456	1-hr	180	178.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 05:00	418463	1-hr	278	276.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 05:00	418449	1-hr	190	188.1	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 05:00	418462	1-hr	288	286.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 05:00	418382	1-hr	179	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 05:00	418461	1-hr	196	194.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 05:00	418383	1-hr	139	137.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 05:00	418452	1-hr	174	172.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 05:00	418450	1-hr	176	174.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 06:00	418457	1-hr	236	233.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 06:00	418458	1-hr	173	170.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 06:00	418459	1-hr	330	328.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 06:00	418451	1-hr	250	248.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 06:00	418455	1-hr	182	180.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 06:00	418460	1-hr	328	326.2	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 06:00	418456	1-hr	158	156.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 06:00	418463	1-hr	223	221.5	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 06:00	418449	1-hr	200	198.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 06:00	418462	1-hr	262	260.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 06:00	418382	1-hr	170	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 06:00	418461	1-hr	185	183.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 06:00	418383	1-hr	148	146.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 06:00	418452	1-hr	179	176.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 06:00	418450	1-hr	169	167.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 07:00	418457	1-hr	236	233.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 07:00	418458	1-hr	162	160.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 07:00	418459	1-hr	312	310.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 07:00	418451	1-hr	234	232.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 07:00	418455	1-hr	190	187.8	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 07:00	418460	1-hr	300	297.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 07:00	418456	1-hr	145	143.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 07:00	418463	1-hr	181	178.6	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 07:00	418449	1-hr	194	191.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 07:00	418462	1-hr	229	227.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 07:00	418382	1-hr	178	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 07:00	418461	1-hr	187	185.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 07:00	418383	1-hr	145	143.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 07:00	418452	1-hr	179	176.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 07:00	418450	1-hr	172	170.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 08:00	418457	1-hr	226	223.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 08:00	418458	1-hr	151	149.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 08:00	418459	1-hr	290	287.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 08:00	418451	1-hr	214	211.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 08:00	418455	1-hr	188	186.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 08:00	418460	1-hr	237	234.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 08:00	418456	1-hr	132	130.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 08:00	418463	1-hr	181	179.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 08:00	418449	1-hr	225	222.8	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 08:00	418462	1-hr	186	184.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 08:00	418382	1-hr	180	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 08:00	418461	1-hr	187	185.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 08:00	418383	1-hr	151	148.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 08:00	418452	1-hr	180	178.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 08:00	418450	1-hr	167	165.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 09:00	418457	1-hr	214	212.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 09:00	418458	1-hr	136	134.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 09:00	418459	1-hr	268	265.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 09:00	418451	1-hr	174	172.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 09:00	418455	1-hr	179	177.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 09:00	418460	1-hr	198	196.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 09:00	418456	1-hr	128	125.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 09:00	418463	1-hr	186	183.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 09:00	418449	1-hr	214	211.8	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 09:00	418462	1-hr	172	169.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 09:00	418382	1-hr	171	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 09:00	418461	1-hr	202	200.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 09:00	418383	1-hr	148	146.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 09:00	418452	1-hr	175	172.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 09:00	418450	1-hr	162	160.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 10:00	418457	1-hr	189	186.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 10:00	418458	1-hr	136	133.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 10:00	418459	1-hr	239	237.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 10:00	418451	1-hr	158	155.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 10:00	418455	1-hr	168	166.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 10:00	418460	1-hr	193	191.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 10:00	418456	1-hr	122	120.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 10:00	418463	1-hr	166	163.7	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 10:00	418449	1-hr	209	207.1	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 10:00	418462	1-hr	170	167.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 10:00	418382	1-hr	175	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 10:00	418461	1-hr	152	150.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 10:00	418383	1-hr	133	131.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 10:00	418452	1-hr	173	171.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 10:00	418450	1-hr	151	149.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 11:00	418457	1-hr	191	189.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 11:00	418458	1-hr	153	151.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 11:00	418459	1-hr	195	193.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 11:00	418451	1-hr	150	148.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 11:00	418455	1-hr	168	167.4	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 11:00	418460	1-hr	179	177.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 11:00	418456	1-hr	92	90.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 11:00	418463	1-hr	169	167.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 11:00	418449	1-hr	201	200.3	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 11:00	418462	1-hr	177	176.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 11:00	418382	1-hr	166	-	ret
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 11:00	418461	1-hr	104	103.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 11:00	418383	1-hr	130	129.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 11:00	418452	1-hr	167	165.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 11:00	418450	1-hr	142	141.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 12:00	418457	1-hr	182	180.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 12:00	418458	1-hr	130	129.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 12:00	418459	1-hr	169	168.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 12:00	418451	1-hr	135	133.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 12:00	418450	1-hr	152	151.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 12:00	418455	1-hr	151	150.4	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 12:00	418460	1-hr	96	94.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 12:00	418456	1-hr	88	86.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 12:00	418463	1-hr	165	164.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 12:00	418449	1-hr	216	214.6	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 12:00	418462	1-hr	199	198.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 12:00	418382	1-hr	158	157.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 12:00	418461	1-hr	95	94.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 12:00	418383	1-hr	122	121.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 12:00	418452	1-hr	169	167.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 13:00	418457	1-hr	181	179.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 13:00	418458	1-hr	108	107.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 13:00	418459	1-hr	129	128.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 13:00	418451	1-hr	94	93.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 13:00	418450	1-hr	144	142.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 13:00	418455	1-hr	150	149.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 13:00	418460	1-hr	108	106.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 13:00	418456	1-hr	114	113.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 13:00	418463	1-hr	104	103.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 13:00	418449	1-hr	158	156.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 13:00	418462	1-hr	128	127.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 13:00	418382	1-hr	164	162.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 13:00	418461	1-hr	110	108.8	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 13:00	418383	1-hr	116	115.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 13:00	418452	1-hr	148	147.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 14:00	418457	1-hr	157	156.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 14:00	418458	1-hr	120	118.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 14:00	418459	1-hr	140	138.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 14:00	418451	1-hr	132	131.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 14:00	418450	1-hr	132	130.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 14:00	418455	1-hr	137	135.7	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 14:00	418460	1-hr	107	105.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 14:00	418456	1-hr	141	139.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 14:00	418463	1-hr	99	98.2	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 14:00	418449	1-hr	131	129.8	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 14:00	418462	1-hr	108	106.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 14:00	418382	1-hr	155	153.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 14:00	418461	1-hr	98	96.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 14:00	418383	1-hr	113	111.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 14:00	418452	1-hr	138	136.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 15:00	418457	1-hr	135	134.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 15:00	418458	1-hr	110	109.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 15:00	418459	1-hr	133	131.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 15:00	418451	1-hr	96	95.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 15:00	418450	1-hr	126	125.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 15:00	418455	1-hr	136	134.7	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 15:00	418460	1-hr	96	94.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 15:00	418456	1-hr	145	143.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 15:00	418449	1-hr	89	87.6	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 15:00	418462	1-hr	99	98.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 15:00	418382	1-hr	143	142.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 15:00	418461	1-hr	103	102.5	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 15:00	418383	1-hr	114	113.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 15:00	418452	1-hr	135	134.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 16:00	418457	1-hr	128	127.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 16:00	418458	1-hr	103	101.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 16:00	418459	1-hr	117	116.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 16:00	418451	1-hr	115	113.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 16:00	418450	1-hr	116	115.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 16:00	418455	1-hr	118	116.7	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 16:00	418460	1-hr	94	92.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 16:00	418456	1-hr	121	120.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 16:00	418462	1-hr	93	92.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 16:00	418382	1-hr	145	144.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 16:00	418461	1-hr	143	141.8	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 16:00	418383	1-hr	103	102.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 16:00	418452	1-hr	119	118.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 17:00	418452	1-hr	106	105.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 17:00	418457	1-hr	124	122.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 17:00	418458	1-hr	103	101.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 17:00	418459	1-hr	116	115.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 17:00	418451	1-hr	121	120.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 17:00	418450	1-hr	101	100.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 17:00	418455	1-hr	109	107.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 17:00	418460	1-hr	99	98.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 17:00	418456	1-hr	116	114.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 17:00	418382	1-hr	132	130.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 17:00	418461	1-hr	126	124.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 17:00	418383	1-hr	99	97.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 18:00	418452	1-hr	114	113.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 18:00	418457	1-hr	128	127.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 18:00	418458	1-hr	109	107.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 18:00	418459	1-hr	114	112.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 18:00	418451	1-hr	123	122.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 18:00	418450	1-hr	110	109.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 18:00	418455	1-hr	119	118.3	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 18:00	418460	1-hr	110	109.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 18:00	418456	1-hr	120	118.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 18:00	418382	1-hr	129	127.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 18:00	418461	1-hr	87	86.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 18:00	418383	1-hr	102	101.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 19:00	418452	1-hr	144	143.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 19:00	418457	1-hr	132	131.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 19:00	418458	1-hr	112	110.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 19:00	418459	1-hr	116	114.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 19:00	418451	1-hr	144	142.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 19:00	418450	1-hr	134	133.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 19:00	418455	1-hr	161	159.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 19:00	418460	1-hr	110	108.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 19:00	418456	1-hr	112	111.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 19:00	418449	1-hr	81	80.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 19:00	418382	1-hr	133	132.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 19:00	418383	1-hr	114	112.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 20:00	418452	1-hr	161	159.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 20:00	418457	1-hr	147	146.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 20:00	418458	1-hr	100	99.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 20:00	418459	1-hr	110	109.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 20:00	418451	1-hr	147	145.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 20:00	418450	1-hr	149	148.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 20:00	418455	1-hr	158	156.8	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 20:00	418460	1-hr	92	90.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 20:00	418456	1-hr	109	107.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 20:00	418382	1-hr	161	159.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 20:00	418383	1-hr	131	130.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 21:00	418452	1-hr	144	142.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 21:00	418457	1-hr	142	140.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 21:00	418458	1-hr	101	99.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 21:00	418459	1-hr	112	110.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 21:00	418451	1-hr	147	146.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 21:00	418450	1-hr	140	138.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 21:00	418455	1-hr	141	139.8	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 21:00	418460	1-hr	115	113.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 21:00	418456	1-hr	114	112.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 21:00	418463	1-hr	118	116.2	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 21:00	418449	1-hr	89	87.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 21:00	418382	1-hr	159	157.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 21:00	418383	1-hr	121	119.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 21:00	418461	1-hr	96	93.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 22:00	418452	1-hr	147	145.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 22:00	418457	1-hr	136	134.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 22:00	418458	1-hr	117	115.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 22:00	418459	1-hr	115	113.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 22:00	418451	1-hr	155	154.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 22:00	418450	1-hr	136	134.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 22:00	418455	1-hr	143	141.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 22:00	418460	1-hr	140	137.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 22:00	418456	1-hr	116	113.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 22:00	418463	1-hr	169	167.5	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 22:00	418449	1-hr	138	136.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 22:00	418382	1-hr	155	153.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 22:00	418461	1-hr	138	136.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 22:00	418383	1-hr	129	128.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 23:00	418452	1-hr	144	141.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 23:00	418457	1-hr	129	126.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 23:00	418458	1-hr	160	158.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 23:00	418459	1-hr	142	140.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 23:00	418451	1-hr	185	183.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 23:00	418450	1-hr	135	132.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 23:00	418455	1-hr	152	150.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 23:00	418460	1-hr	153	151.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 23:00	418456	1-hr	117	115.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 23:00	418463	1-hr	186	184.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 23:00	418449	1-hr	178	175.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 23:00	418462	1-hr	121	119.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 23:00	418382	1-hr	164	162.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 23:00	418461	1-hr	162	159.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 23:00	418383	1-hr	137	136.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 27, 2023 24:00	418452	1-hr	149	147.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 27, 2023 24:00	418457	1-hr	144	142.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 27, 2023 24:00	418458	1-hr	183	181.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 27, 2023 24:00	418459	1-hr	151	149.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 27, 2023 24:00	418451	1-hr	218	215.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 27, 2023 24:00	418450	1-hr	144	142.4	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 27, 2023 24:00	418455	1-hr	148	146.3	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 27, 2023 24:00	418460	1-hr	130	127.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 27, 2023 24:00	418456	1-hr	129	127.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 27, 2023 24:00	418463	1-hr	167	165.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 27, 2023 24:00	418449	1-hr	198	195.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 27, 2023 24:00	418462	1-hr	150	148.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 27, 2023 24:00	418382	1-hr	172	170.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 27, 2023 24:00	418461	1-hr	136	134.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 27, 2023 24:00	418383	1-hr	135	133.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 01:00	418914	1-hr	149	147.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 01:00	418915	1-hr	174	172.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 01:00	418916	1-hr	181	179.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 01:00	418917	1-hr	155	152.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 01:00	418918	1-hr	230	228.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 01:00	418919	1-hr	144	142.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 01:00	418920	1-hr	151	149.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 28, 2023 01:00	418921	1-hr	108	106.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 01:00	418922	1-hr	151	149.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 28, 2023 01:00	418923	1-hr	143	141.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 01:00	418924	1-hr	198	196.6	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 01:00	418925	1-hr	171	169.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 01:00	418453	1-hr	161	158.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 28, 2023 01:00	418926	1-hr	119	116.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 01:00	418454	1-hr	131	129.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 24:00	418914	24-hr	114	112.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 24:00	418915	24-hr	117	115.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 24:00	418916	24-hr	88	86.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 24:00	418917	24-hr	90	95.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 24:00	418918	24-hr	246	244.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 28, 2023 24:00	418919	24-hr	106	104.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 24:00	418920	24-hr	105	103.7	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 28, 2023 24:00	418921	24-hr	65	63.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 28, 2023 24:00	418922	24-hr	115	113.6	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 28, 2023 24:00	418923	24-hr	70	68.2	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 28, 2023 24:00	418924	24-hr	105	104.0	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 28, 2023 24:00	418925	24-hr	86	84.2	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 28, 2023 24:00	418453	24-hr	123	121.4	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 28, 2023 24:00	418926	24-hr	63	61.8	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 28, 2023 24:00	418454	24-hr	87	85.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 02:00	418914	1-hr	150	148.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 02:00	418915	1-hr	161	159.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 02:00	418916	1-hr	186	184.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 02:00	418917	1-hr	158	156.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 02:00	418918	1-hr	235	232.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 02:00	418919	1-hr	143	141.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 02:00	418920	1-hr	153	150.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 02:00	418922	1-hr	161	159.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 02:00	418924	1-hr	189	187.2	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 02:00	418925	1-hr	180	178.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 02:00	418453	1-hr	161	159.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 28, 2023 02:00	418926	1-hr	93	90.8	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 02:00	418454	1-hr	124	121.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 28, 2023 02:00	418923	1-hr	109	106.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 03:00	418914	1-hr	159	157.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 03:00	418915	1-hr	175	173.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 03:00	418916	1-hr	184	182.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 03:00	418917	1-hr	164	162.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 03:00	418918	1-hr	247	245.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 03:00	418919	1-hr	148	145.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 03:00	418920	1-hr	156	154.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 03:00	418922	1-hr	172	170.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 28, 2023 03:00	418923	1-hr	88	86.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 03:00	418924	1-hr	183	181.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 03:00	418925	1-hr	174	172.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 03:00	418453	1-hr	167	164.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 03:00	418454	1-hr	122	120.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 04:00	418914	1-hr	163	161.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 04:00	418915	1-hr	175	173.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 04:00	418916	1-hr	169	167.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 04:00	418917	1-hr	159	157.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 04:00	418918	1-hr	295	293.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 04:00	418919	1-hr	158	156.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 04:00	418920	1-hr	165	163.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 04:00	418922	1-hr	172	170.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 28, 2023 04:00	418923	1-hr	92	90.6	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 04:00	418924	1-hr	179	177.0	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 04:00	418925	1-hr	158	156.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 04:00	418453	1-hr	164	162.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 04:00	418454	1-hr	125	123.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 05:00	418914	1-hr	174	172.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 05:00	418915	1-hr	190	188.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 05:00	418916	1-hr	142	139.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 05:00	418917	1-hr	155	153.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 05:00	418918	1-hr	336	334.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 05:00	418919	1-hr	163	161.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 05:00	418920	1-hr	164	162.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 05:00	418922	1-hr	182	180.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 05:00	418924	1-hr	164	162.3	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 05:00	418925	1-hr	145	143.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 05:00	418453	1-hr	159	157.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 05:00	418454	1-hr	121	119.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 06:00	418914	1-hr	173	171.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 06:00	418915	1-hr	194	192.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 06:00	418916	1-hr	122	119.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 06:00	418917	1-hr	148	146.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 06:00	418918	1-hr	357	354.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 06:00	418919	1-hr	169	167.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 06:00	418920	1-hr	160	157.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 06:00	418922	1-hr	180	178.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 06:00	418924	1-hr	142	140.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 06:00	418925	1-hr	131	128.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 06:00	418453	1-hr	176	173.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 06:00	418454	1-hr	120	118.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 07:00	418914	1-hr	165	162.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 07:00	418915	1-hr	200	198.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 07:00	418916	1-hr	108	106.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 07:00	418918	1-hr	457	454.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 07:00	418919	1-hr	163	160.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 07:00	418920	1-hr	147	144.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 07:00	418922	1-hr	170	167.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 07:00	418924	1-hr	129	127.3	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 07:00	418925	1-hr	106	103.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 07:00	418453	1-hr	163	161.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 07:00	418454	1-hr	116	114.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 08:00	418914	1-hr	158	156.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 08:00	418915	1-hr	181	179.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 28, 2023 08:00	418916	1-hr	89	87.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 08:00	418918	1-hr	420	417.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 08:00	418919	1-hr	156	154.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 08:00	418920	1-hr	131	129.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 08:00	418922	1-hr	148	146.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 08:00	418924	1-hr	110	107.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 28, 2023 08:00	418925	1-hr	85	83.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 08:00	418453	1-hr	159	157.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 08:00	418454	1-hr	107	105.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 09:00	418914	1-hr	155	153.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 09:00	418915	1-hr	153	151.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 09:00	418917	1-hr	102	-	ret
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 09:00	418918	1-hr	355	353.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 09:00	418919	1-hr	146	144.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 09:00	418920	1-hr	135	132.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 09:00	418922	1-hr	133	130.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 09:00	418924	1-hr	95	93.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 09:00	418453	1-hr	132	130.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 09:00	418454	1-hr	94	92.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 10:00	418914	1-hr	141	138.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 10:00	418915	1-hr	133	131.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 28, 2023 10:00	418917	1-hr	84	82.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 10:00	418918	1-hr	413	410.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 10:00	418919	1-hr	116	113.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 10:00	418920	1-hr	127	124.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 10:00	418922	1-hr	117	115.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 10:00	418924	1-hr	84	82.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 10:00	418453	1-hr	127	124.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 28, 2023 10:00	418454	1-hr	86	83.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 11:00	418914	1-hr	115	113.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 11:00	418915	1-hr	100	98.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 11:00	418918	1-hr	372	369.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 11:00	418919	1-hr	94	92.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 11:00	418920	1-hr	83	82.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 11:00	418922	1-hr	115	113.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 11:00	418453	1-hr	123	120.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 12:00	418914	1-hr	93	91.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 28, 2023 12:00	418915	1-hr	88	87.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 28, 2023 12:00	418919	1-hr	81	79.8	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 12:00	418920	1-hr	82	80.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 12:00	418922	1-hr	119	118.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 12:00	418453	1-hr	109	107.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 12:00	418918	1-hr	283	281.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 13:00	418914	1-hr	84	83.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 28, 2023 13:00	418920	1-hr	84	83.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 13:00	418922	1-hr	104	103.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 13:00	418453	1-hr	104	103.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 13:00	418918	1-hr	299	297.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 14:00	418914	1-hr	83	82.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 14:00	418918	1-hr	322	321.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 14:00	418922	1-hr	90	89.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 14:00	418453	1-hr	93	91.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 15:00	418914	1-hr	81	79.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 15:00	418918	1-hr	264	262.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 15:00	418922	1-hr	85	83.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 15:00	418453	1-hr	90	89.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 16:00	418914	1-hr	82	81.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 16:00	418918	1-hr	154	151.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 16:00	418922	1-hr	84	83.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 16:00	418453	1-hr	103	102.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 17:00	418914	1-hr	80	79.4	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 17:00	418918	1-hr	134	132.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 17:00	418922	1-hr	82	80.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 17:00	418453	1-hr	109	108.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 18:00	418918	1-hr	128	126.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 28, 2023 18:00	418922	1-hr	81	80.0	nae
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 18:00	418924	1-hr	113	112.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 18:00	418453	1-hr	99	98.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 19:00	418918	1-hr	127	124.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 28, 2023 19:00	418924	1-hr	114	113.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 19:00	418453	1-hr	91	89.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 20:00	418918	1-hr	104	101.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 20:00	418453	1-hr	109	107.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 28, 2023 21:00	418914	1-hr	88	86.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 21:00	418453	1-hr	102	100.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 21:00	418918	1-hr	100	97.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 22:00	418453	1-hr	86	84.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 22:00	418918	1-hr	81	79.4	nae
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 23:00	418453	1-hr	82	80.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 23:00	418918	1-hr	89	87.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 28, 2023 24:00	418918	1-hr	98	96.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 28, 2023 24:00	418453	1-hr	81	79.5	nae
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 01:00	418550	1-hr	82	80.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 01:00	418918	1-hr	110	108.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 29, 2023 24:00	418923	24-hr	52	50.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 29, 2023 24:00	418550	24-hr	98	96.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 24:00	418914	24-hr	85	83.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 24:00	418915	24-hr	88	86.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 29, 2023 24:00	418916	24-hr	66	64.9	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 29, 2023 24:00	418917	24-hr	66	64.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 24:00	418918	24-hr	112	110.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 29, 2023 24:00	418919	24-hr	81	79.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 24:00	418920	24-hr	84	82.5	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 29, 2023 24:00	418921	24-hr	66	64.1	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 29, 2023 24:00	418922	24-hr	78	76.2	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 29, 2023 24:00	418924	24-hr	66	64.0	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 29, 2023 24:00	418925	24-hr	56	54.9	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 29, 2023 24:00	418926	24-hr	58	56.6	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 29, 2023 24:00	418551	24-hr	75	73.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 02:00	418918	1-hr	105	102.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 02:00	418550	1-hr	81	78.7	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 02:00	418915	1-hr	81	79.3	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 03:00	418918	1-hr	100	98.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 03:00	418550	1-hr	83	81.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 03:00	418915	1-hr	83	81.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 04:00	418915	1-hr	83	81.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 04:00	418550	1-hr	86	84.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 04:00	418918	1-hr	97	95.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 05:00	418915	1-hr	85	83.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 05:00	418918	1-hr	92	90.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 05:00	418550	1-hr	88	86.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 06:00	418915	1-hr	88	86.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 06:00	418918	1-hr	91	89.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 06:00	418920	1-hr	81	79.0	nae
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 06:00	418550	1-hr	91	89.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 06:00	418914	1-hr	82	79.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 07:00	418915	1-hr	91	89.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 07:00	418918	1-hr	87	85.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 07:00	418920	1-hr	84	81.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 07:00	418550	1-hr	93	91.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 07:00	418914	1-hr	80	78.2	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 08:00	418915	1-hr	88	86.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 08:00	418918	1-hr	84	81.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 08:00	418920	1-hr	85	83.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 08:00	418550	1-hr	93	90.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 08:00	418919	1-hr	80	78.6	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 09:00	418915	1-hr	87	84.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 09:00	418920	1-hr	86	83.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 09:00	418550	1-hr	93	91.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 09:00	418914	1-hr	81	78.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 09:00	418918	1-hr	82	79.8	nae
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 09:00	418919	1-hr	-	-	ret
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 10:00	418914	1-hr	81	79.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 10:00	418915	1-hr	83	81.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 10:00	418918	1-hr	82	80.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 10:00	418550	1-hr	94	91.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 10:00	418919	1-hr	-	-	ret
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 10:00	418920	1-hr	-	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 11:00	418915	1-hr	82	81.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 11:00	418918	1-hr	84	82.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 11:00	418920	1-hr	85	83.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 11:00	418550	1-hr	93	91.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 11:00	418914	1-hr	83	82.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 12:00	418915	1-hr	82	80.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 12:00	418920	1-hr	87	85.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 12:00	418550	1-hr	89	87.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 12:00	418914	1-hr	87	86.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 12:00	418918	1-hr	87	86.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 12:00	418919	1-hr	80	79.2	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 13:00	418915	1-hr	82	80.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 13:00	418918	1-hr	90	89.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 13:00	418920	1-hr	84	83.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 13:00	418550	1-hr	92	90.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 13:00	418914	1-hr	87	85.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 13:00	418919	1-hr	-	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 14:00	418915	1-hr	84	83.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 14:00	418918	1-hr	91	89.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 29, 2023 14:00	418924	1-hr	82	81.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 14:00	418550	1-hr	98	96.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 14:00	418914	1-hr	81	80.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 15:00	418915	1-hr	87	86.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 15:00	418918	1-hr	105	104.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 15:00	418550	1-hr	101	100.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 15:00	418920	1-hr	-	-	ret
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 16:00	418915	1-hr	92	91.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 16:00	418918	1-hr	100	99.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 16:00	418920	1-hr	88	87.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 16:00	418922	1-hr	85	83.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 16:00	418550	1-hr	99	97.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 16:00	418551	1-hr	84	83.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 16:00	418914	1-hr	85	83.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 16:00	418919	1-hr	85	84.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 17:00	418915	1-hr	94	93.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 17:00	418918	1-hr	105	103.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 17:00	418920	1-hr	88	87.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 17:00	418922	1-hr	87	86.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 17:00	418550	1-hr	101	100.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 17:00	418914	1-hr	86	85.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 17:00	418919	1-hr	84	82.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 18:00	418915	1-hr	98	96.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 18:00	418918	1-hr	132	131.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 18:00	418920	1-hr	90	89.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 18:00	418922	1-hr	91	89.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 18:00	418550	1-hr	98	97.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 18:00	418914	1-hr	91	90.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 18:00	418919	1-hr	87	85.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 19:00	418915	1-hr	99	98.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 29, 2023 19:00	418916	1-hr	80	79.4	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 19:00	418920	1-hr	87	86.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 19:00	418922	1-hr	88	87.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 29, 2023 19:00	418924	1-hr	84	83.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 19:00	418550	1-hr	108	107.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 19:00	418551	1-hr	86	85.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 19:00	418914	1-hr	89	88.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 19:00	418918	1-hr	233	232.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 19:00	418919	1-hr	86	84.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 20:00	418915	1-hr	94	92.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 20:00	418919	1-hr	90	88.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 20:00	418920	1-hr	89	87.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 20:00	418922	1-hr	87	85.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 29, 2023 20:00	418924	1-hr	104	102.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 20:00	418550	1-hr	126	125.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 20:00	418551	1-hr	86	85.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 20:00	418914	1-hr	91	90.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 20:00	418918	1-hr	225	224.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 21:00	418915	1-hr	92	91.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 29, 2023 21:00	418917	1-hr	82	80.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 21:00	418919	1-hr	88	87.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 21:00	418920	1-hr	97	95.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 21:00	418922	1-hr	88	86.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 21:00	418550	1-hr	110	109.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 21:00	418551	1-hr	86	85.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 21:00	418914	1-hr	100	98.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 21:00	418918	1-hr	143	141.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 22:00	418915	1-hr	94	91.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 22:00	418918	1-hr	116	114.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 22:00	418919	1-hr	87	84.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 22:00	418920	1-hr	102	100.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 29, 2023 22:00	418922	1-hr	84	82.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 22:00	418550	1-hr	116	114.6	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 22:00	418551	1-hr	83	80.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 22:00	418914	1-hr	103	101.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 23:00	418914	1-hr	101	98.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 23:00	418915	1-hr	93	91.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 23:00	418918	1-hr	120	119.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 23:00	418919	1-hr	90	88.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 23:00	418920	1-hr	95	93.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 23:00	418550	1-hr	121	119.5	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 29, 2023 23:00	418551	1-hr	84	81.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 29, 2023 24:00	418914	1-hr	93	90.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 29, 2023 24:00	418915	1-hr	90	88.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 29, 2023 24:00	418918	1-hr	119	118.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 29, 2023 24:00	418919	1-hr	100	98.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 29, 2023 24:00	418920	1-hr	86	84.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 29, 2023 24:00	418550	1-hr	111	109.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 01:00	418914	1-hr	92	90.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 30, 2023 01:00	418915	1-hr	84	82.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 01:00	418919	1-hr	101	99.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 01:00	418920	1-hr	86	84.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 01:00	418610	1-hr	121	119.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 01:00	418918	1-hr	117	115.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 30, 2023 24:00	418915	24-hr	48	47.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 30, 2023 24:00	418916	24-hr	36	35.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 30, 2023 24:00	418917	24-hr	40	38.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 24:00	418920	24-hr	55	53.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 30, 2023 24:00	418922	24-hr	34	33.2	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 30, 2023 24:00	418924	24-hr	36	34.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 30, 2023 24:00	418610	24-hr	68	66.6	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 30, 2023 24:00	418611	24-hr	51	49.2	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 24:00	418914	24-hr	58	57.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 24:00	418918	24-hr	87	85.9	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 30, 2023 24:00	418919	24-hr	56	54.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 02:00	418914	1-hr	96	93.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 30, 2023 02:00	418915	1-hr	82	79.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 02:00	418918	1-hr	113	110.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 02:00	418919	1-hr	85	83.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 02:00	418920	1-hr	86	84.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 02:00	418610	1-hr	104	102.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 03:00	418914	1-hr	93	91.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 03:00	418918	1-hr	109	107.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 03:00	418919	1-hr	83	81.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 03:00	418920	1-hr	89	87.2	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 03:00	418610	1-hr	106	104.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 04:00	418914	1-hr	88	85.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 04:00	418918	1-hr	108	106.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 04:00	418920	1-hr	88	86.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 04:00	418610	1-hr	100	98.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 04:00	418919	1-hr	-	-	ret
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 05:00	418914	1-hr	86	84.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 05:00	418918	1-hr	106	104.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 05:00	418919	1-hr	81	78.9	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 30, 2023 05:00	418920	1-hr	84	82.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 05:00	418610	1-hr	103	100.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 06:00	418914	1-hr	84	82.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 06:00	418610	1-hr	94	92.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 06:00	418918	1-hr	103	101.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 30, 2023 06:00	418919	1-hr	80	80.1	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 07:00	418914	1-hr	81	78.8	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 07:00	418918	1-hr	99	97.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 07:00	418610	1-hr	88	86.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 08:00	418918	1-hr	95	93.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 30, 2023 08:00	418610	1-hr	83	81.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 09:00	418918	1-hr	94	91.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 10:00	418918	1-hr	91	88.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 11:00	418918	1-hr	85	83.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 30, 2023 12:00	418914	1-hr	82	81.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 12:00	418918	1-hr	83	82.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 13:00	418918	1-hr	81	80.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 14:00	418918	1-hr	81	79.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 15:00	418918	1-hr	80	79.3	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 16:00	418918	1-hr	85	83.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 17:00	418918	1-hr	85	84.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 30, 2023 18:00	418918	1-hr	82	81.4	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 30, 2023 19:00	418924	1-hr	84	82.9	exc
AAAQO	AMS11 Lower Camp	H2S	Aug 30, 2023 22:00	418609	1-hr	16	16.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 24:00	418914	24-hr	128	126.3	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 24:00	418915	24-hr	124	123.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 24:00	418916	24-hr	140	139.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 24:00	418917	24-hr	154	153.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 24:00	418918	24-hr	224	222.5	exc
AAAQO	AMS09 Barge Landing	PM2.5	Aug 31, 2023 24:00	418919	24-hr	120	118.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 24:00	418920	24-hr	115	113.6	exc
AAAQO	AMS14 Anzac	PM2.5	Aug 31, 2023 24:00	418921	24-hr	191	189.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Aug 31, 2023 24:00	418922	24-hr	120	118.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 24:00	418923	24-hr	166	164.8	exc
AAAQO	AMS21 Conklin	PM2.5	Aug 31, 2023 24:00	418924	24-hr	160	158.5	exc
AAAQO	AMS22 Janvier	PM2.5	Aug 31, 2023 24:00	418925	24-hr	94	92.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Aug 31, 2023 24:00	418674	24-hr	165	163.8	exc
AAAQO	AMS30 Ells River	PM2.5	Aug 31, 2023 24:00	418675	24-hr	112	110.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	Aug 31, 2023 24:00	418926	24-hr	147	145.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 05:00	418918	1-hr	80	78.5	nae
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 06:00	418923	1-hr	84	82.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 06:00	418918	1-hr	80	78.6	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 07:00	418918	1-hr	82	79.7	nae
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 07:00	418923	1-hr	265	262.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 08:00	418918	1-hr	84	82.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 08:00	418921	1-hr	128	126.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 08:00	418923	1-hr	304	302.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 08:00	418924	1-hr	223	220.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 09:00	418916	1-hr	137	135.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 09:00	418918	1-hr	104	103.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 09:00	418921	1-hr	270	269.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 09:00	418923	1-hr	263	261.3	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 09:00	418924	1-hr	288	286.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 10:00	418915	1-hr	147	146.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 10:00	418916	1-hr	238	236.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 10:00	418917	1-hr	181	179.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 10:00	418918	1-hr	126	125.3	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 10:00	418921	1-hr	280	279.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 10:00	418923	1-hr	234	231.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 10:00	418924	1-hr	257	255.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 10:00	418925	1-hr	83	81.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 10:00	418926	1-hr	135	134.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 11:00	418915	1-hr	135	134.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 11:00	418916	1-hr	229	228.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 11:00	418917	1-hr	264	263.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 11:00	418918	1-hr	99	98.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 11:00	418921	1-hr	279	277.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 11:00	418923	1-hr	211	210.2	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 11:00	418924	1-hr	231	230.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 11:00	418926	1-hr	196	195.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 12:00	418915	1-hr	129	128.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 12:00	418916	1-hr	240	238.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 12:00	418917	1-hr	264	263.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 12:00	418921	1-hr	257	256.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 12:00	418923	1-hr	198	197.5	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 12:00	418924	1-hr	216	214.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 12:00	418926	1-hr	163	162.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 13:00	418915	1-hr	115	114.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 13:00	418916	1-hr	198	197.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 13:00	418917	1-hr	251	250.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 13:00	418920	1-hr	118	117.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 13:00	418921	1-hr	229	228.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 13:00	418923	1-hr	167	165.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 13:00	418924	1-hr	191	190.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 13:00	418926	1-hr	149	148.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 14:00	418915	1-hr	95	94.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 14:00	418916	1-hr	169	167.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 14:00	418917	1-hr	244	243.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 14:00	418918	1-hr	189	187.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 14:00	418920	1-hr	96	95.6	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 14:00	418921	1-hr	207	206.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 14:00	418923	1-hr	115	114.5	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 14:00	418924	1-hr	142	141.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 14:00	418926	1-hr	146	144.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 15:00	418915	1-hr	89	-	ret
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 15:00	418916	1-hr	181	179.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 15:00	418917	1-hr	210	209.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 15:00	418918	1-hr	354	352.7	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 15:00	418921	1-hr	200	199.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 15:00	418923	1-hr	127	126.1	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 15:00	418924	1-hr	132	130.6	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 15:00	418925	1-hr	83	82.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 15:00	418926	1-hr	171	170.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 16:00	418916	1-hr	141	140.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 16:00	418917	1-hr	214	213.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 16:00	418918	1-hr	471	470.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 16:00	418921	1-hr	182	180.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 16:00	418923	1-hr	114	113.2	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 16:00	418924	1-hr	122	120.9	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 16:00	418925	1-hr	94	93.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 16:00	418674	1-hr	97	96.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 16:00	418926	1-hr	180	179.1	exc
AAAQO	AMS17 Wapasu	O3	Aug 31, 2023 16:00	418683	1-hr	77	77.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 17:00	418914	1-hr	121	119.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 17:00	418915	1-hr	127	125.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 17:00	418916	1-hr	173	172.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 17:00	418917	1-hr	166	165.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 17:00	418918	1-hr	443	441.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 17:00	418919	1-hr	90	89.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 17:00	418921	1-hr	213	212.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 17:00	418923	1-hr	121	119.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 17:00	418924	1-hr	122	121.0	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 17:00	418925	1-hr	92	91.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 17:00	418674	1-hr	245	244.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 17:00	418926	1-hr	141	139.7	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 17:00	418675	1-hr	112	110.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 18:00	418914	1-hr	245	244.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 18:00	418915	1-hr	145	144.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 18:00	418916	1-hr	243	241.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 18:00	418917	1-hr	242	241.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 18:00	418918	1-hr	411	410.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 18:00	418919	1-hr	200	199.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 18:00	418920	1-hr	189	187.8	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 18:00	418921	1-hr	260	259.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 18:00	418922	1-hr	181	180.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 18:00	418923	1-hr	140	138.9	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 18:00	418924	1-hr	154	152.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 18:00	418925	1-hr	97	96.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 18:00	418674	1-hr	341	340.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 18:00	418926	1-hr	158	157.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 18:00	418675	1-hr	258	256.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 19:00	418914	1-hr	321	320.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 19:00	418915	1-hr	178	177.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 19:00	418916	1-hr	341	340.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 19:00	418917	1-hr	391	390.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 19:00	418918	1-hr	415	414.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 19:00	418919	1-hr	256	255.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 19:00	418920	1-hr	263	262.0	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 19:00	418921	1-hr	304	303.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 19:00	418922	1-hr	227	226.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 19:00	418923	1-hr	180	179.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 19:00	418924	1-hr	170	169.4	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 19:00	418925	1-hr	123	122.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 19:00	418674	1-hr	381	379.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 19:00	418926	1-hr	229	227.9	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 19:00	418675	1-hr	292	291.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 20:00	418914	1-hr	350	349.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 20:00	418915	1-hr	242	240.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 20:00	418916	1-hr	107	106.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 20:00	418917	1-hr	148	146.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 20:00	418918	1-hr	445	443.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 20:00	418919	1-hr	345	344.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 20:00	418920	1-hr	288	287.5	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 20:00	418921	1-hr	382	380.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 20:00	418922	1-hr	253	252.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 20:00	418923	1-hr	268	265.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 20:00	418924	1-hr	272	270.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 20:00	418925	1-hr	191	189.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 20:00	418674	1-hr	431	430.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 20:00	418926	1-hr	329	328.4	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 20:00	418675	1-hr	334	333.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 21:00	418914	1-hr	371	369.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 21:00	418915	1-hr	304	303.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 21:00	418916	1-hr	174	173.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 21:00	418917	1-hr	167	165.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 21:00	418918	1-hr	435	433.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 21:00	418919	1-hr	377	376.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 21:00	418920	1-hr	311	310.1	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 21:00	418921	1-hr	351	350.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 21:00	418922	1-hr	309	307.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 21:00	418923	1-hr	278	276.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 21:00	418924	1-hr	283	281.6	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 21:00	418925	1-hr	198	196.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 21:00	418674	1-hr	475	474.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 21:00	418926	1-hr	350	348.3	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 21:00	418675	1-hr	397	396.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 22:00	418914	1-hr	461	459.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 22:00	418915	1-hr	307	306.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 22:00	418916	1-hr	225	224.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 22:00	418917	1-hr	236	235.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 22:00	418918	1-hr	398	396.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 22:00	418919	1-hr	380	378.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 22:00	418920	1-hr	367	365.9	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 22:00	418921	1-hr	324	322.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 22:00	418922	1-hr	406	404.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 22:00	418923	1-hr	264	261.8	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 22:00	418924	1-hr	289	286.8	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 22:00	418925	1-hr	262	260.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 22:00	418674	1-hr	454	453.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 22:00	418926	1-hr	325	323.2	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 22:00	418675	1-hr	360	359.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 23:00	418914	1-hr	306	305.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 23:00	418915	1-hr	245	243.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 23:00	418916	1-hr	226	224.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 23:00	418917	1-hr	252	250.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 23:00	418918	1-hr	386	383.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 23:00	418919	1-hr	391	389.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 23:00	418920	1-hr	298	296.2	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 23:00	418921	1-hr	319	316.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 23:00	418922	1-hr	442	439.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 23:00	418923	1-hr	259	257.6	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 23:00	418924	1-hr	282	280.5	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 23:00	418925	1-hr	294	292.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 23:00	418674	1-hr	426	425.1	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 23:00	418675	1-hr	242	240.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 23:00	418926	1-hr	314	312.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Aug 31, 2023 24:00	418914	1-hr	262	259.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Aug 31, 2023 24:00	418915	1-hr	218	216.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Aug 31, 2023 24:00	418916	1-hr	191	189.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Aug 31, 2023 24:00	418917	1-hr	234	232.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Aug 31, 2023 24:00	418918	1-hr	346	344.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Aug 31, 2023 24:00	418919	1-hr	289	287.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Aug 31, 2023 24:00	418920	1-hr	249	247.4	exc
AAAQG	AMS14 Anzac	PM2.5	Aug 31, 2023 24:00	418921	1-hr	273	270.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Aug 31, 2023 24:00	418922	1-hr	478	476.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Aug 31, 2023 24:00	418923	1-hr	263	261.0	exc
AAAQG	AMS21 Conklin	PM2.5	Aug 31, 2023 24:00	418924	1-hr	286	283.7	exc
AAAQG	AMS22 Janvier	PM2.5	Aug 31, 2023 24:00	418925	1-hr	280	278.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Aug 31, 2023 24:00	418674	1-hr	378	376.0	exc
AAAQG	AMS30 Ells River	PM2.5	Aug 31, 2023 24:00	418675	1-hr	211	209.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Aug 31, 2023 24:00	418926	1-hr	278	276.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 01:00	418914	1-hr	230	227.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 01:00	418915	1-hr	197	194.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 1, 2023 01:00	418916	1-hr	175	172.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 01:00	418917	1-hr	212	209.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 01:00	418918	1-hr	306	303.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 01:00	418919	1-hr	233	230.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 01:00	418920	1-hr	205	203.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 1, 2023 01:00	418921	1-hr	229	227.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 01:00	418922	1-hr	529	527.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 01:00	418923	1-hr	250	248.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 01:00	418924	1-hr	275	273.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 01:00	418925	1-hr	260	257.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 01:00	418722	1-hr	308	306.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 01:00	418723	1-hr	196	193.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 01:00	418926	1-hr	260	258.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 24:00	418914	24-hr	78	76.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 24:00	418915	24-hr	74	72.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 1, 2023 24:00	418916	24-hr	60	58.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 24:00	418917	24-hr	72	70.2	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 24:00	418923	24-hr	74	72.4	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 1, 2023 24:00	418924	24-hr	83	81.4	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 1, 2023 24:00	418925	24-hr	86	84.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 1, 2023 24:00	418722	24-hr	100	98.2	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 24:00	418918	24-hr	147	145.3	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 1, 2023 24:00	418919	24-hr	80	78.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 24:00	418920	24-hr	74	72.7	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 1, 2023 24:00	418921	24-hr	65	63.5	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 1, 2023 24:00	418922	24-hr	172	170.6	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 1, 2023 24:00	418926	24-hr	70	68.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 1, 2023 24:00	418723	24-hr	70	68.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	Dustfall	Sep 1, 2023 24:00	421130	30-day	72	71.8	exc
AAAQG	AMS21 Conklin	Dustfall	Sep 1, 2023 24:00	421132	30-day	57	57.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 02:00	418914	1-hr	224	222.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 02:00	418915	1-hr	188	185.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 1, 2023 02:00	418916	1-hr	162	159.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 02:00	418917	1-hr	202	200.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 02:00	418918	1-hr	295	293.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 02:00	418919	1-hr	217	215.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 02:00	418920	1-hr	201	198.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 1, 2023 02:00	418921	1-hr	196	193.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 02:00	418922	1-hr	546	543.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 02:00	418923	1-hr	217	215.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 02:00	418924	1-hr	250	248.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 02:00	418925	1-hr	257	255.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 02:00	418722	1-hr	247	245.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 02:00	418723	1-hr	189	187.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 02:00	418926	1-hr	239	237.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 03:00	418914	1-hr	200	198.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 03:00	418915	1-hr	153	150.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 1, 2023 03:00	418916	1-hr	129	127.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 03:00	418917	1-hr	181	178.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 03:00	418918	1-hr	282	280.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 03:00	418919	1-hr	206	204.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 03:00	418920	1-hr	175	172.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 1, 2023 03:00	418921	1-hr	163	161.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 03:00	418922	1-hr	555	552.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 03:00	418923	1-hr	188	186.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 03:00	418924	1-hr	221	219.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 03:00	418925	1-hr	226	224.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 03:00	418722	1-hr	234	231.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 03:00	418723	1-hr	157	155.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 03:00	418926	1-hr	177	174.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 04:00	418914	1-hr	147	145.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 04:00	418915	1-hr	94	92.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 1, 2023 04:00	418916	1-hr	80	78.5	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 04:00	418917	1-hr	119	116.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 04:00	418918	1-hr	285	283.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 04:00	418919	1-hr	154	152.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 04:00	418920	1-hr	108	106.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 1, 2023 04:00	418921	1-hr	115	113.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 04:00	418922	1-hr	544	541.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 04:00	418923	1-hr	146	143.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 04:00	418924	1-hr	178	175.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 04:00	418925	1-hr	194	191.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 04:00	418722	1-hr	206	204.1	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 04:00	418723	1-hr	107	105.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 04:00	418926	1-hr	148	146.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 05:00	418914	1-hr	93	91.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 1, 2023 05:00	418917	1-hr	90	88.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 05:00	418918	1-hr	284	282.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 05:00	418919	1-hr	107	105.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 1, 2023 05:00	418921	1-hr	84	81.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 05:00	418922	1-hr	529	526.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 05:00	418923	1-hr	107	105.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 05:00	418924	1-hr	142	140.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 05:00	418925	1-hr	175	173.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 05:00	418722	1-hr	135	133.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 05:00	418723	1-hr	86	84.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 05:00	418926	1-hr	106	103.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 06:00	418918	1-hr	301	298.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 06:00	418922	1-hr	355	353.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 1, 2023 06:00	418923	1-hr	83	81.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 1, 2023 06:00	418924	1-hr	88	86.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 06:00	418925	1-hr	152	150.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 06:00	418722	1-hr	103	101.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 1, 2023 06:00	418926	1-hr	83	80.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 07:00	418918	1-hr	337	335.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 07:00	418922	1-hr	178	176.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 1, 2023 07:00	418925	1-hr	114	112.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 07:00	418722	1-hr	114	112.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 08:00	418918	1-hr	215	213.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 08:00	418922	1-hr	81	79.2	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 09:00	418918	1-hr	95	93.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 10:00	418918	1-hr	82	79.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 11:00	418918	1-hr	86	83.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 12:00	418918	1-hr	81	80.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 18:00	418918	1-hr	100	99.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 19:00	418918	1-hr	89	87.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 20:00	418914	1-hr	87	85.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 20:00	418915	1-hr	83	82.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 20:00	418920	1-hr	95	94.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 20:00	418722	1-hr	90	88.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 20:00	418723	1-hr	88	87.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 20:00	418919	1-hr	88	87.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 1, 2023 21:00	418914	1-hr	83	81.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 21:00	418915	1-hr	88	87.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 21:00	418918	1-hr	106	105.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 21:00	418920	1-hr	91	90.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 21:00	418922	1-hr	81	79.7	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 21:00	418722	1-hr	98	97.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 1, 2023 21:00	418723	1-hr	87	86.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 1, 2023 21:00	418919	1-hr	86	85.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 1, 2023 22:00	418915	1-hr	81	79.9	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 1, 2023 22:00	418920	1-hr	81	80.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 1, 2023 22:00	418922	1-hr	80	78.2	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 22:00	418722	1-hr	103	101.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 22:00	418918	1-hr	178	176.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 23:00	418722	1-hr	94	92.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 23:00	418918	1-hr	117	115.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 1, 2023 24:00	418722	1-hr	90	88.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 1, 2023 24:00	418918	1-hr	84	82.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 01:00	418775	1-hr	81	79.5	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 01:00	418918	1-hr	123	121.2	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 24:00	418914	24-hr	288	286.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 24:00	418920	24-hr	313	311.6	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 2, 2023 24:00	418921	24-hr	326	324.5	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 2, 2023 24:00	418922	24-hr	285	283.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 24:00	418923	24-hr	308	306.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS21 Conklin	PM2.5	Sep 2, 2023 24:00	418924	24-hr	316	314.2	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 2, 2023 24:00	418925	24-hr	263	261.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 2, 2023 24:00	418775	24-hr	297	295.1	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 2, 2023 24:00	418926	24-hr	303	301.5	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 2, 2023 24:00	418776	24-hr	278	276.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 24:00	418915	24-hr	350	348.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 24:00	418916	24-hr	321	319.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 24:00	418917	24-hr	321	319.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 24:00	418918	24-hr	231	228.9	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 2, 2023 24:00	418919	24-hr	293	291.6	exc
AAAQO	AMS30 Ells River	TSP	Sep 2, 2023 24:00	420936	24-hr	224	224.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 02:00	418918	1-hr	305	302.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 03:00	418915	1-hr	85	83.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 03:00	418918	1-hr	349	347.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 03:00	418922	1-hr	92	89.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 03:00	418775	1-hr	163	160.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 04:00	418914	1-hr	176	174.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 04:00	418915	1-hr	111	109.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 04:00	418918	1-hr	313	311.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 04:00	418920	1-hr	148	146.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 04:00	418922	1-hr	133	131.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 04:00	418775	1-hr	337	335.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 04:00	418776	1-hr	206	204.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 04:00	418919	1-hr	153	151.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 05:00	418914	1-hr	321	318.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 05:00	418915	1-hr	231	228.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 05:00	418916	1-hr	249	247.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 05:00	418918	1-hr	282	280.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 05:00	418920	1-hr	248	246.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 05:00	418921	1-hr	113	111.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 05:00	418922	1-hr	214	211.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 05:00	418775	1-hr	409	407.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 05:00	418776	1-hr	396	394.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 05:00	418919	1-hr	345	342.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 06:00	418914	1-hr	405	403.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 06:00	418915	1-hr	319	317.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 06:00	418916	1-hr	349	347.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 06:00	418918	1-hr	308	306.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 06:00	418920	1-hr	391	389.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 06:00	418921	1-hr	228	226.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 06:00	418922	1-hr	334	332.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 06:00	418775	1-hr	433	431.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 06:00	418926	1-hr	137	135.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 06:00	418776	1-hr	412	410.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 06:00	418917	1-hr	118	116.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 06:00	418919	1-hr	413	410.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 07:00	418914	1-hr	422	419.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 07:00	418915	1-hr	398	396.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 07:00	418916	1-hr	397	394.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 07:00	418918	1-hr	320	317.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 07:00	418920	1-hr	440	437.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 07:00	418921	1-hr	308	306.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 07:00	418922	1-hr	439	437.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 07:00	418923	1-hr	124	122.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 07:00	418924	1-hr	102	99.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 07:00	418775	1-hr	418	416.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 07:00	418926	1-hr	274	271.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 07:00	418776	1-hr	417	415.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 07:00	418917	1-hr	256	254.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 07:00	418919	1-hr	429	427.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 08:00	418914	1-hr	436	433.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 08:00	418915	1-hr	480	478.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 08:00	418916	1-hr	420	418.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 08:00	418918	1-hr	297	295.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 08:00	418920	1-hr	466	464.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 08:00	418921	1-hr	370	367.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 08:00	418922	1-hr	487	484.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 08:00	418923	1-hr	265	263.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 08:00	418924	1-hr	234	231.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 08:00	418925	1-hr	102	102.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 08:00	418775	1-hr	422	420.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 08:00	418926	1-hr	360	358.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 08:00	418776	1-hr	421	419.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 08:00	418917	1-hr	408	406.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 08:00	418919	1-hr	433	430.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 09:00	418914	1-hr	405	403.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 09:00	418915	1-hr	493	490.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 09:00	418916	1-hr	408	405.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 09:00	418918	1-hr	252	250.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 09:00	418920	1-hr	464	462.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 09:00	418921	1-hr	420	418.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 09:00	418922	1-hr	453	451.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 09:00	418923	1-hr	357	355.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 09:00	418924	1-hr	338	336.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 09:00	418925	1-hr	245	242.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 09:00	418775	1-hr	347	345.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 09:00	418926	1-hr	404	401.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 09:00	418776	1-hr	362	360.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 09:00	418917	1-hr	444	442.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 09:00	418919	1-hr	402	399.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 10:00	418914	1-hr	341	339.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 10:00	418915	1-hr	442	440.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 10:00	418916	1-hr	363	361.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 10:00	418918	1-hr	285	282.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 10:00	418920	1-hr	447	444.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 10:00	418921	1-hr	435	433.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 10:00	418922	1-hr	392	389.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 10:00	418923	1-hr	386	384.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 10:00	418924	1-hr	392	389.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 10:00	418925	1-hr	382	380.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 10:00	418775	1-hr	278	276.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 10:00	418926	1-hr	444	442.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 10:00	418776	1-hr	293	291.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 10:00	418917	1-hr	425	423.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 10:00	418919	1-hr	342	340.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 11:00	418914	1-hr	334	331.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 11:00	418915	1-hr	506	504.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 11:00	418916	1-hr	441	439.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 11:00	418918	1-hr	295	293.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 11:00	418919	1-hr	305	303.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 11:00	418920	1-hr	421	419.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 11:00	418921	1-hr	483	480.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 11:00	418922	1-hr	360	358.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 11:00	418923	1-hr	393	391.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 11:00	418924	1-hr	414	411.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 11:00	418925	1-hr	400	398.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 11:00	418775	1-hr	265	262.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 11:00	418926	1-hr	411	409.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 11:00	418776	1-hr	304	302.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 11:00	418917	1-hr	459	457.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 12:00	418915	1-hr	501	498.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 12:00	418916	1-hr	441	439.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 12:00	418918	1-hr	280	277.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 12:00	418919	1-hr	396	394.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 12:00	418920	1-hr	450	448.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 12:00	418921	1-hr	471	469.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 12:00	418922	1-hr	327	325.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 12:00	418923	1-hr	379	376.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 12:00	418924	1-hr	395	393.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 12:00	418925	1-hr	390	388.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 12:00	418775	1-hr	341	339.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 12:00	418926	1-hr	401	399.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 12:00	418776	1-hr	366	364.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 12:00	418914	1-hr	413	411.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 12:00	418917	1-hr	513	510.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 13:00	418914	1-hr	420	418.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 13:00	418915	1-hr	468	465.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 13:00	418918	1-hr	367	364.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 13:00	418919	1-hr	433	431.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 13:00	418920	1-hr	448	447.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 13:00	418921	1-hr	417	415.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 13:00	418922	1-hr	306	304.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 13:00	418923	1-hr	376	374.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 13:00	418924	1-hr	387	384.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 13:00	418925	1-hr	383	381.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 13:00	418775	1-hr	405	404.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 13:00	418926	1-hr	391	389.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 13:00	418776	1-hr	408	406.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 13:00	418916	1-hr	424	421.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 13:00	418917	1-hr	459	457.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 14:00	418914	1-hr	346	344.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 14:00	418915	1-hr	439	437.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 14:00	418918	1-hr	403	401.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 14:00	418919	1-hr	357	355.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 14:00	418920	1-hr	377	376.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 14:00	418921	1-hr	418	416.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 14:00	418922	1-hr	374	371.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 14:00	418923	1-hr	437	435.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 14:00	418924	1-hr	434	431.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 14:00	418925	1-hr	371	369.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 14:00	418775	1-hr	324	322.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 14:00	418926	1-hr	376	374.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 14:00	418776	1-hr	327	326.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 14:00	418916	1-hr	414	412.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 14:00	418917	1-hr	455	453.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 15:00	418914	1-hr	240	239.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 15:00	418915	1-hr	433	432.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 15:00	418918	1-hr	325	323.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 15:00	418919	1-hr	258	256.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 15:00	418920	1-hr	268	266.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 15:00	418921	1-hr	440	438.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 15:00	418922	1-hr	380	377.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 15:00	418923	1-hr	524	522.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 15:00	418924	1-hr	519	517.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 15:00	418925	1-hr	408	406.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 15:00	418775	1-hr	253	252.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 15:00	418926	1-hr	422	420.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 15:00	418776	1-hr	229	227.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 15:00	418916	1-hr	400	398.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 15:00	418917	1-hr	431	430.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 16:00	418914	1-hr	155	153.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 16:00	418915	1-hr	415	413.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 16:00	418919	1-hr	187	186.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 16:00	418920	1-hr	242	241.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 16:00	418921	1-hr	402	400.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 16:00	418922	1-hr	203	201.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 16:00	418923	1-hr	489	487.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 16:00	418924	1-hr	507	505.1	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 16:00	418925	1-hr	380	378.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 16:00	418775	1-hr	228	226.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 16:00	418926	1-hr	396	394.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 16:00	418776	1-hr	150	149.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 16:00	418916	1-hr	360	358.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 16:00	418917	1-hr	380	378.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 17:00	418914	1-hr	231	230.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 17:00	418915	1-hr	376	374.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 17:00	418919	1-hr	229	228.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 17:00	418920	1-hr	232	230.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 17:00	418921	1-hr	426	423.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 17:00	418922	1-hr	169	167.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 17:00	418923	1-hr	467	465.6	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 17:00	418924	1-hr	488	486.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 17:00	418925	1-hr	394	392.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 17:00	418775	1-hr	255	254.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 17:00	418926	1-hr	393	391.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 17:00	418776	1-hr	253	251.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 17:00	418916	1-hr	385	383.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 17:00	418917	1-hr	386	384.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 18:00	418914	1-hr	301	300.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 18:00	418915	1-hr	335	333.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 18:00	418918	1-hr	100	97.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 18:00	418919	1-hr	318	317.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 18:00	418920	1-hr	312	310.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 18:00	418921	1-hr	426	424.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 18:00	418922	1-hr	233	230.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 18:00	418923	1-hr	453	450.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 18:00	418924	1-hr	468	466.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 18:00	418925	1-hr	377	375.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 18:00	418775	1-hr	312	311.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 18:00	418926	1-hr	383	380.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 18:00	418776	1-hr	305	303.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 18:00	418916	1-hr	421	419.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 18:00	418917	1-hr	466	465.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 19:00	418914	1-hr	302	300.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 19:00	418915	1-hr	426	423.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 19:00	418917	1-hr	397	395.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 19:00	418918	1-hr	165	163.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 19:00	418919	1-hr	316	314.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 19:00	418920	1-hr	320	317.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 19:00	418921	1-hr	415	412.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 19:00	418922	1-hr	308	305.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 19:00	418923	1-hr	432	430.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 19:00	418924	1-hr	446	443.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 19:00	418925	1-hr	373	371.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 19:00	418775	1-hr	305	302.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 19:00	418926	1-hr	382	380.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 19:00	418776	1-hr	278	276.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 19:00	418916	1-hr	352	349.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 20:00	418914	1-hr	298	295.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 20:00	418915	1-hr	362	359.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 20:00	418917	1-hr	345	343.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 20:00	418918	1-hr	188	186.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 20:00	418919	1-hr	317	315.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 20:00	418920	1-hr	319	317.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 20:00	418921	1-hr	390	388.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 20:00	418922	1-hr	316	314.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 20:00	418923	1-hr	417	414.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 20:00	418924	1-hr	432	429.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 20:00	418925	1-hr	373	371.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 20:00	418775	1-hr	276	274.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 20:00	418926	1-hr	382	380.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 20:00	418776	1-hr	250	248.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 20:00	418916	1-hr	314	311.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 21:00	418914	1-hr	284	282.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 21:00	418915	1-hr	316	313.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 21:00	418917	1-hr	305	303.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 21:00	418918	1-hr	144	142.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 21:00	418919	1-hr	295	293.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 21:00	418920	1-hr	295	293.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 21:00	418921	1-hr	423	421.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 21:00	418922	1-hr	303	300.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 21:00	418923	1-hr	448	446.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 21:00	418924	1-hr	444	442.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 21:00	418925	1-hr	378	376.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 21:00	418775	1-hr	274	271.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 21:00	418926	1-hr	409	407.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 21:00	418776	1-hr	249	246.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 21:00	418916	1-hr	286	284.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 22:00	418914	1-hr	278	276.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 22:00	418917	1-hr	337	335.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 22:00	418918	1-hr	107	105.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 22:00	418919	1-hr	288	286.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 22:00	418920	1-hr	314	312.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 22:00	418921	1-hr	457	455.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 22:00	418922	1-hr	288	286.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 22:00	418923	1-hr	446	443.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 22:00	418924	1-hr	460	458.1	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 22:00	418925	1-hr	377	374.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 22:00	418775	1-hr	284	281.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 22:00	418926	1-hr	439	436.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 22:00	418776	1-hr	269	267.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 22:00	418915	1-hr	335	333.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 22:00	418916	1-hr	304	301.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 23:00	418914	1-hr	305	303.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 23:00	418917	1-hr	437	435.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 23:00	418918	1-hr	114	112.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 23:00	418919	1-hr	309	307.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 23:00	418920	1-hr	350	348.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 23:00	418921	1-hr	383	380.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 23:00	418922	1-hr	291	289.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 23:00	418923	1-hr	408	406.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 23:00	418924	1-hr	457	455.1	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 23:00	418925	1-hr	367	364.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 23:00	418775	1-hr	297	295.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 23:00	418926	1-hr	408	405.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 23:00	418776	1-hr	286	283.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 23:00	418915	1-hr	392	389.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 23:00	418916	1-hr	377	374.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 2, 2023 24:00	418914	1-hr	329	327.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 2, 2023 24:00	418917	1-hr	422	419.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 2, 2023 24:00	418918	1-hr	144	142.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 2, 2023 24:00	418919	1-hr	333	330.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 2, 2023 24:00	418920	1-hr	370	368.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 2, 2023 24:00	418921	1-hr	289	287.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 2, 2023 24:00	418922	1-hr	302	300.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 2, 2023 24:00	418923	1-hr	380	378.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 2, 2023 24:00	418924	1-hr	428	426.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 2, 2023 24:00	418925	1-hr	371	369.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 2, 2023 24:00	418775	1-hr	334	331.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 2, 2023 24:00	418926	1-hr	329	327.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 2, 2023 24:00	418776	1-hr	298	295.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 2, 2023 24:00	418915	1-hr	410	408.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 2, 2023 24:00	418916	1-hr	402	400.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 01:00	418914	1-hr	356	354.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 01:00	418917	1-hr	428	426.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 01:00	418918	1-hr	167	165.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 01:00	418919	1-hr	362	360.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 01:00	418920	1-hr	392	389.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 01:00	418921	1-hr	260	258.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 01:00	418922	1-hr	322	320.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 01:00	418923	1-hr	377	375.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 01:00	418924	1-hr	405	403.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 01:00	418925	1-hr	374	371.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 01:00	418815	1-hr	355	353.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 01:00	418926	1-hr	261	259.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 01:00	418816	1-hr	328	326.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 01:00	418915	1-hr	385	382.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 01:00	418916	1-hr	366	364.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 3, 2023 24:00	418919	24-hr	261	258.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 24:00	418920	24-hr	268	265.8	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 3, 2023 24:00	418921	24-hr	198	196.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 24:00	418923	24-hr	216	214.6	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 3, 2023 24:00	418924	24-hr	227	225.3	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 3, 2023 24:00	418925	24-hr	221	219.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 3, 2023 24:00	418815	24-hr	274	272.3	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 3, 2023 24:00	418926	24-hr	189	187.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 3, 2023 24:00	418816	24-hr	245	243.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 24:00	418914	24-hr	251	249.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 24:00	418915	24-hr	264	262.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 24:00	418916	24-hr	234	231.9	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 24:00	418917	24-hr	261	258.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 24:00	418918	24-hr	289	286.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 3, 2023 24:00	418922	24-hr	247	245.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 02:00	418914	1-hr	364	361.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 02:00	418917	1-hr	394	392.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 02:00	418918	1-hr	160	158.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 02:00	418919	1-hr	379	377.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 02:00	418920	1-hr	391	388.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 02:00	418921	1-hr	250	248.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 02:00	418922	1-hr	341	339.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 02:00	418923	1-hr	399	397.6	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 02:00	418924	1-hr	404	401.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 02:00	418925	1-hr	380	378.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 02:00	418815	1-hr	384	381.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 02:00	418926	1-hr	265	263.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 02:00	418816	1-hr	339	337.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 02:00	418915	1-hr	336	333.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 02:00	418916	1-hr	322	320.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 03:00	418914	1-hr	335	333.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 03:00	418917	1-hr	348	346.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 03:00	418918	1-hr	155	153.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 03:00	418919	1-hr	351	349.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 03:00	418920	1-hr	373	371.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 03:00	418921	1-hr	246	244.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 03:00	418922	1-hr	359	356.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 03:00	418923	1-hr	394	391.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 03:00	418924	1-hr	407	405.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 03:00	418925	1-hr	374	371.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 03:00	418815	1-hr	380	378.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 03:00	418926	1-hr	265	262.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 03:00	418816	1-hr	358	355.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 03:00	418915	1-hr	271	269.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 03:00	418916	1-hr	299	297.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 04:00	418915	1-hr	256	253.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 04:00	418916	1-hr	279	276.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 04:00	418917	1-hr	329	327.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 04:00	418918	1-hr	213	211.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 04:00	418919	1-hr	300	298.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 04:00	418920	1-hr	317	315.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 04:00	418921	1-hr	239	237.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 04:00	418922	1-hr	349	347.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 04:00	418923	1-hr	368	366.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 04:00	418914	1-hr	290	287.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 04:00	418924	1-hr	401	399.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 04:00	418925	1-hr	357	355.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 04:00	418815	1-hr	383	381.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 04:00	418926	1-hr	272	270.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 04:00	418816	1-hr	349	347.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 05:00	418914	1-hr	277	275.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 05:00	418915	1-hr	279	276.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 05:00	418916	1-hr	268	266.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 05:00	418917	1-hr	325	323.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 05:00	418918	1-hr	416	414.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 05:00	418919	1-hr	286	284.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 05:00	418920	1-hr	289	286.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 05:00	418921	1-hr	246	244.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 05:00	418922	1-hr	322	320.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 05:00	418923	1-hr	367	364.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 05:00	418924	1-hr	391	389.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 05:00	418925	1-hr	351	348.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 05:00	418815	1-hr	381	379.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 05:00	418926	1-hr	282	279.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 05:00	418816	1-hr	320	318.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 06:00	418914	1-hr	264	262.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 06:00	418915	1-hr	295	293.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 06:00	418916	1-hr	271	268.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 06:00	418917	1-hr	331	328.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 06:00	418918	1-hr	523	520.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 06:00	418919	1-hr	276	274.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 06:00	418920	1-hr	275	273.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 06:00	418921	1-hr	255	252.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 06:00	418922	1-hr	302	300.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 06:00	418923	1-hr	363	361.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 06:00	418924	1-hr	384	382.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 06:00	418925	1-hr	342	340.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 06:00	418815	1-hr	342	340.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 06:00	418926	1-hr	276	273.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 06:00	418816	1-hr	280	278.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 07:00	418915	1-hr	286	283.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 07:00	418916	1-hr	281	279.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 07:00	418917	1-hr	332	330.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 07:00	418918	1-hr	429	427.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 07:00	418919	1-hr	250	248.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 07:00	418920	1-hr	251	249.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 07:00	418921	1-hr	271	269.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 07:00	418922	1-hr	273	271.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 07:00	418923	1-hr	356	354.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 07:00	418924	1-hr	377	375.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 07:00	418925	1-hr	328	326.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 07:00	418815	1-hr	289	287.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 07:00	418926	1-hr	258	256.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 07:00	418816	1-hr	252	249.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 07:00	418914	1-hr	246	243.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 08:00	418915	1-hr	294	292.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 08:00	418916	1-hr	297	295.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 08:00	418917	1-hr	328	326.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 08:00	418918	1-hr	420	418.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 08:00	418919	1-hr	252	250.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 08:00	418920	1-hr	242	240.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 08:00	418921	1-hr	264	261.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 08:00	418922	1-hr	260	257.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 08:00	418923	1-hr	362	359.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 08:00	418924	1-hr	371	368.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 08:00	418925	1-hr	315	313.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 08:00	418815	1-hr	271	269.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 08:00	418926	1-hr	238	235.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 08:00	418816	1-hr	237	234.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 08:00	418914	1-hr	235	233.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 09:00	418915	1-hr	310	307.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 09:00	418916	1-hr	289	287.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 09:00	418917	1-hr	312	310.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 09:00	418918	1-hr	427	424.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 09:00	418919	1-hr	266	263.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 09:00	418920	1-hr	245	243.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 09:00	418921	1-hr	263	261.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 09:00	418922	1-hr	261	259.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 09:00	418923	1-hr	339	337.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 09:00	418924	1-hr	353	350.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 09:00	418925	1-hr	313	310.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 09:00	418815	1-hr	253	251.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 09:00	418926	1-hr	237	235.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 09:00	418816	1-hr	217	215.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 09:00	418914	1-hr	252	250.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 10:00	418915	1-hr	315	312.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 10:00	418916	1-hr	281	278.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 10:00	418917	1-hr	303	300.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 10:00	418918	1-hr	447	445.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 10:00	418919	1-hr	286	284.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 10:00	418920	1-hr	295	293.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 10:00	418921	1-hr	224	222.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 10:00	418922	1-hr	273	271.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 10:00	418923	1-hr	288	286.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 10:00	418924	1-hr	336	334.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 10:00	418925	1-hr	304	301.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 10:00	418815	1-hr	251	249.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 10:00	418926	1-hr	195	192.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 10:00	418816	1-hr	229	227.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 10:00	418914	1-hr	278	276.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 11:00	418915	1-hr	303	300.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 11:00	418916	1-hr	260	257.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 11:00	418917	1-hr	280	278.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 11:00	418918	1-hr	466	463.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 11:00	418919	1-hr	289	287.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 11:00	418920	1-hr	294	291.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 11:00	418921	1-hr	199	197.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 11:00	418922	1-hr	205	202.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 11:00	418923	1-hr	187	185.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 11:00	418924	1-hr	234	232.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 11:00	418925	1-hr	294	292.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 11:00	418815	1-hr	259	257.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 11:00	418926	1-hr	180	177.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 11:00	418816	1-hr	222	220.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 11:00	418914	1-hr	273	271.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 12:00	418915	1-hr	282	280.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 12:00	418916	1-hr	223	220.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 12:00	418917	1-hr	282	280.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 12:00	418918	1-hr	468	466.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 12:00	418919	1-hr	283	281.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 12:00	418920	1-hr	277	275.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 12:00	418921	1-hr	177	175.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 12:00	418922	1-hr	234	231.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 12:00	418923	1-hr	146	144.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 12:00	418924	1-hr	147	144.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 12:00	418925	1-hr	250	247.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 12:00	418815	1-hr	250	248.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 12:00	418926	1-hr	170	168.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 12:00	418816	1-hr	208	205.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 12:00	418914	1-hr	258	256.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 13:00	418915	1-hr	233	231.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 13:00	418916	1-hr	209	207.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 13:00	418917	1-hr	268	266.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 13:00	418918	1-hr	378	376.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 13:00	418919	1-hr	235	233.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 13:00	418920	1-hr	225	222.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 13:00	418921	1-hr	174	172.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 13:00	418922	1-hr	222	220.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 13:00	418923	1-hr	137	135.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 13:00	418924	1-hr	134	132.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 13:00	418925	1-hr	174	171.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 13:00	418815	1-hr	256	253.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 13:00	418926	1-hr	160	157.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 13:00	418816	1-hr	211	209.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 13:00	418914	1-hr	209	207.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 14:00	418915	1-hr	211	209.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 14:00	418916	1-hr	194	192.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 14:00	418917	1-hr	244	242.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 14:00	418918	1-hr	339	337.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 14:00	418919	1-hr	234	231.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 14:00	418920	1-hr	250	247.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 14:00	418921	1-hr	188	186.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 14:00	418922	1-hr	218	216.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 14:00	418923	1-hr	122	119.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 14:00	418924	1-hr	127	124.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 14:00	418925	1-hr	154	151.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 14:00	418815	1-hr	247	245.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 14:00	418926	1-hr	173	171.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 14:00	418816	1-hr	280	278.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 14:00	418914	1-hr	247	245.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 15:00	418915	1-hr	202	199.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 15:00	418916	1-hr	185	183.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 15:00	418917	1-hr	206	204.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 15:00	418918	1-hr	321	319.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 15:00	418919	1-hr	267	264.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 15:00	418920	1-hr	291	288.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 15:00	418921	1-hr	188	185.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 15:00	418922	1-hr	210	207.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 15:00	418924	1-hr	112	110.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 15:00	418925	1-hr	133	131.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 15:00	418815	1-hr	338	336.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 15:00	418926	1-hr	182	179.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 15:00	418816	1-hr	288	286.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 15:00	418914	1-hr	278	276.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 16:00	418915	1-hr	240	238.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 16:00	418916	1-hr	183	181.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 16:00	418917	1-hr	194	192.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 16:00	418918	1-hr	276	274.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 16:00	418919	1-hr	272	270.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 16:00	418920	1-hr	290	288.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 16:00	418921	1-hr	187	185.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 16:00	418922	1-hr	207	204.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 16:00	418923	1-hr	97	95.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 16:00	418924	1-hr	97	95.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 16:00	418925	1-hr	121	119.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 16:00	418815	1-hr	303	301.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 16:00	418926	1-hr	151	148.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 16:00	418816	1-hr	292	289.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 16:00	418914	1-hr	284	281.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 17:00	418915	1-hr	327	324.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 17:00	418916	1-hr	151	149.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 17:00	418917	1-hr	165	163.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 17:00	418918	1-hr	281	279.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 17:00	418919	1-hr	280	278.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 17:00	418920	1-hr	286	283.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 17:00	418921	1-hr	141	139.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 17:00	418922	1-hr	218	215.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 17:00	418923	1-hr	88	86.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 17:00	418924	1-hr	93	91.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 17:00	418925	1-hr	114	111.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 17:00	418815	1-hr	291	289.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 17:00	418926	1-hr	107	104.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 17:00	418816	1-hr	279	277.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 17:00	418914	1-hr	283	280.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 18:00	418915	1-hr	310	308.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 18:00	418916	1-hr	138	136.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 18:00	418917	1-hr	148	145.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 18:00	418918	1-hr	268	266.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 18:00	418919	1-hr	291	289.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 18:00	418920	1-hr	275	273.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 18:00	418921	1-hr	125	123.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 18:00	418922	1-hr	215	212.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 18:00	418923	1-hr	81	79.4	nae
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 18:00	418924	1-hr	84	81.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 18:00	418925	1-hr	110	108.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 18:00	418815	1-hr	286	284.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 18:00	418926	1-hr	109	107.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 18:00	418816	1-hr	273	270.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 18:00	418914	1-hr	271	269.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 19:00	418915	1-hr	312	310.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 19:00	418916	1-hr	217	215.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 19:00	418917	1-hr	138	136.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 19:00	418918	1-hr	229	227.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 19:00	418919	1-hr	274	272.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 19:00	418920	1-hr	279	276.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 19:00	418921	1-hr	121	119.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 19:00	418922	1-hr	227	225.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 19:00	418924	1-hr	82	79.7	nae
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 19:00	418925	1-hr	102	100.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 19:00	418815	1-hr	289	287.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 19:00	418926	1-hr	110	107.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 19:00	418816	1-hr	282	280.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 19:00	418914	1-hr	267	265.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 20:00	418915	1-hr	299	297.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 20:00	418916	1-hr	241	239.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 20:00	418917	1-hr	195	193.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 20:00	418918	1-hr	188	186.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 20:00	418919	1-hr	277	274.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 20:00	418920	1-hr	294	292.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 20:00	418921	1-hr	120	118.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 20:00	418922	1-hr	240	238.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 20:00	418923	1-hr	82	79.8	nae
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 20:00	418924	1-hr	80	78.2	nae
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 20:00	418925	1-hr	89	86.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 20:00	418815	1-hr	323	321.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 20:00	418926	1-hr	117	115.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 20:00	418816	1-hr	251	249.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 20:00	418914	1-hr	285	283.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 21:00	418915	1-hr	222	220.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 21:00	418916	1-hr	204	202.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 21:00	418917	1-hr	221	219.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 3, 2023 21:00	418918	1-hr	133	130.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 21:00	418919	1-hr	244	242.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 21:00	418920	1-hr	218	215.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 21:00	418921	1-hr	134	131.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 21:00	418922	1-hr	238	235.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 21:00	418923	1-hr	90	87.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 21:00	418924	1-hr	84	82.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 21:00	418815	1-hr	169	167.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 21:00	418926	1-hr	115	113.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 21:00	418816	1-hr	159	157.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 21:00	418914	1-hr	199	197.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 22:00	418915	1-hr	198	196.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 22:00	418916	1-hr	162	160.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 22:00	418917	1-hr	179	177.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 22:00	418919	1-hr	159	157.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 22:00	418920	1-hr	168	166.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 22:00	418921	1-hr	157	154.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 22:00	418922	1-hr	173	171.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 22:00	418923	1-hr	103	100.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 22:00	418924	1-hr	98	96.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 22:00	418815	1-hr	156	153.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 22:00	418926	1-hr	126	123.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 3, 2023 22:00	418816	1-hr	132	130.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 3, 2023 22:00	418914	1-hr	152	150.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 3, 2023 23:00	418915	1-hr	107	104.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 23:00	418916	1-hr	168	166.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 23:00	418917	1-hr	170	167.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 3, 2023 23:00	418919	1-hr	98	95.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 3, 2023 23:00	418920	1-hr	133	131.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 23:00	418921	1-hr	158	155.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 23:00	418922	1-hr	136	134.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 23:00	418923	1-hr	120	118.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 23:00	418924	1-hr	118	115.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 23:00	418925	1-hr	82	80.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 3, 2023 23:00	418815	1-hr	82	79.8	nae
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 23:00	418926	1-hr	146	143.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 3, 2023 24:00	418916	1-hr	122	120.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 3, 2023 24:00	418917	1-hr	135	133.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 3, 2023 24:00	418921	1-hr	161	158.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 3, 2023 24:00	418922	1-hr	134	132.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 3, 2023 24:00	418923	1-hr	135	133.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 3, 2023 24:00	418924	1-hr	133	131.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 3, 2023 24:00	418925	1-hr	98	96.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 3, 2023 24:00	418926	1-hr	156	153.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 01:00	419198	1-hr	93	91.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 4, 2023 01:00	419205	1-hr	96	94.5	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 4, 2023 01:00	419206	1-hr	151	148.8	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 4, 2023 01:00	419207	1-hr	96	93.9	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 01:00	419208	1-hr	153	151.5	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 4, 2023 01:00	419209	1-hr	153	150.7	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 4, 2023 01:00	419210	1-hr	138	135.9	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 4, 2023 01:00	419211	1-hr	162	160.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 24:00	419208	24-hr	46	44.4	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 4, 2023 24:00	419209	24-hr	47	46.1	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 4, 2023 24:00	419210	24-hr	36	35.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 4, 2023 24:00	419211	24-hr	35	33.5	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 4, 2023 02:00	419206	1-hr	137	135.6	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 02:00	419208	1-hr	171	169.3	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 4, 2023 02:00	419209	1-hr	168	166.1	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 4, 2023 02:00	419210	1-hr	159	156.9	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 4, 2023 02:00	419211	1-hr	156	153.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 4, 2023 03:00	419212	1-hr	90	88.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 4, 2023 03:00	419198	1-hr	94	92.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 4, 2023 03:00	419205	1-hr	85	83.4	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS14 Anzac	PM2.5	Sep 4, 2023 03:00	419206	1-hr	110	108.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 03:00	419208	1-hr	165	163.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 03:00	419209	1-hr	170	168.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 4, 2023 03:00	419210	1-hr	160	158.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 4, 2023 03:00	419211	1-hr	125	123.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 4, 2023 04:00	419198	1-hr	84	81.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 4, 2023 04:00	419205	1-hr	94	92.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 4, 2023 04:00	419206	1-hr	111	108.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 04:00	419208	1-hr	135	133.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 04:00	419209	1-hr	151	148.6	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 4, 2023 04:00	419210	1-hr	145	143.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 4, 2023 04:00	419211	1-hr	116	114.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 05:00	419208	1-hr	107	105.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 05:00	419209	1-hr	112	110.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 4, 2023 05:00	419210	1-hr	89	86.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 06:00	419208	1-hr	108	105.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 06:00	419209	1-hr	99	96.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 4, 2023 07:00	419208	1-hr	102	100.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 07:00	419209	1-hr	101	98.8	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 4, 2023 08:00	419209	1-hr	80	78.5	nae
AAAQO	AMS23 Fort Hills	PM2.5	Sep 5, 2023 24:00	418933	24-hr	33	30.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 5, 2023 21:00	418933	1-hr	150	148.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 5, 2023 22:00	418933	1-hr	95	93.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 5, 2023 23:00	418933	1-hr	132	129.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 5, 2023 24:00	418933	1-hr	166	163.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 7, 2023 24:00	419199	24-hr	59	57.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 7, 2023 24:00	419202	24-hr	64	61.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 7, 2023 24:00	419203	24-hr	61	58.8	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 7, 2023 24:00	419206	24-hr	43	41.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 7, 2023 24:00	419208	24-hr	49	46.9	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 7, 2023 24:00	419209	24-hr	38	36.0	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 7, 2023 24:00	419210	24-hr	36	34.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 7, 2023 24:00	419035	24-hr	73	71.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 7, 2023 24:00	419212	24-hr	63	60.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 7, 2023 24:00	419198	24-hr	46	44.1	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 7, 2023 24:00	419205	24-hr	42	40.1	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 7, 2023 24:00	419207	24-hr	66	64.4	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 7, 2023 24:00	419037	24-hr	60	58.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 7, 2023 24:00	419211	24-hr	36	34.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 09:00	419207	1-hr	86	84.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 10:00	419207	1-hr	92	90.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 11:00	419207	1-hr	92	89.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 12:00	419207	1-hr	95	92.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 13:00	419207	1-hr	90	88.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 14:00	419207	1-hr	92	89.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 15:00	419035	1-hr	92	90.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 7, 2023 15:00	419207	1-hr	84	82.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 16:00	419035	1-hr	104	102.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 21:00	419035	1-hr	81	78.8	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 22:00	419035	1-hr	83	81.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 23:00	419035	1-hr	84	81.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 7, 2023 24:00	419035	1-hr	83	80.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 8, 2023 24:00	419212	24-hr	31	29.7	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 8, 2023 24:00	419203	24-hr	36	34.2	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 8, 2023 24:00	419084	24-hr	46	44.7	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 8, 2023 24:00	419085	24-hr	36	34.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 8, 2023 24:00	419199	24-hr	35	33.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 8, 2023 24:00	419202	24-hr	32	30.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 8, 2023 19:00	419084	1-hr	101	99.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 8, 2023 20:00	419084	1-hr	91	89.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 9, 2023 24:00	419212	24-hr	30	27.9	nae
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 9, 2023 24:00	419203	24-hr	32	30.5	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 9, 2023 24:00	419209	24-hr	34	32.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS23 Fort Hills	PM2.5	Sep 9, 2023 24:00	419114	24-hr	95	93.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 9, 2023 24:00	419204	24-hr	34	32.1	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 9, 2023 24:00	419202	24-hr	35	33.1	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 9, 2023 24:00	419115	24-hr	31	29.2	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 9, 2023 24:00	419199	24-hr	32	30.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 16:00	419114	1-hr	93	92.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 19:00	419114	1-hr	287	285.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 9, 2023 20:00	419209	1-hr	103	100.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 20:00	419114	1-hr	172	169.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 21:00	419114	1-hr	122	120.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 22:00	419114	1-hr	100	98.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 23:00	419114	1-hr	225	222.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 9, 2023 24:00	419114	1-hr	586	583.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 01:00	419133	1-hr	347	344.7	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 10, 2023 24:00	419133	24-hr	65	63.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 02:00	419133	1-hr	129	127.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 19:00	419133	1-hr	136	135.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 20:00	419133	1-hr	161	160.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 21:00	419133	1-hr	119	117.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 23:00	419133	1-hr	83	81.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 10, 2023 24:00	419133	1-hr	95	93.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 11, 2023 24:00	419254	24-hr	80	77.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 02:00	419254	1-hr	176	174.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 03:00	419254	1-hr	279	277.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 04:00	419254	1-hr	127	125.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 07:00	419254	1-hr	233	231.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 20:00	419254	1-hr	177	175.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 23:00	419254	1-hr	169	166.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 11, 2023 24:00	419254	1-hr	213	211.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 01:00	419288	1-hr	128	125.7	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 24:00	419611	24-hr	88	86.1	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 24:00	419610	24-hr	82	80.4	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 24:00	419612	24-hr	64	62.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 24:00	419613	24-hr	82	80.9	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 12, 2023 24:00	419618	24-hr	45	43.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 12, 2023 24:00	419614	24-hr	64	62.7	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 12, 2023 24:00	419622	24-hr	34	32.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 12, 2023 24:00	419288	24-hr	76	74.6	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 12, 2023 24:00	419619	24-hr	38	36.4	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 12, 2023 24:00	419289	24-hr	75	73.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 24:00	419615	24-hr	75	73.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 24:00	419617	24-hr	62	60.5	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 12, 2023 24:00	419616	24-hr	76	74.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 14:00	419610	1-hr	101	100.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 14:00	419288	1-hr	85	83.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 15:00	419611	1-hr	98	97.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 15:00	419610	1-hr	90	89.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 15:00	419612	1-hr	85	83.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 15:00	419613	1-hr	85	84.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 15:00	419614	1-hr	137	136.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 16:00	419615	1-hr	88	87.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 16:00	419611	1-hr	89	87.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 16:00	419610	1-hr	85	84.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 16:00	419612	1-hr	84	83.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 16:00	419616	1-hr	88	87.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 16:00	419613	1-hr	100	99.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 16:00	419614	1-hr	106	105.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 16:00	419288	1-hr	80	79.3	nae
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 16:00	419289	1-hr	90	89.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 17:00	419615	1-hr	106	105.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 17:00	419611	1-hr	116	115.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 17:00	419612	1-hr	81	80.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 17:00	419616	1-hr	101	100.3	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 17:00	419613	1-hr	114	113.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 17:00	419614	1-hr	85	84.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 17:00	419288	1-hr	91	89.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 17:00	419289	1-hr	124	123.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 18:00	419615	1-hr	146	144.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 18:00	419611	1-hr	222	220.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 18:00	419610	1-hr	144	142.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 18:00	419612	1-hr	105	104.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 18:00	419617	1-hr	103	101.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 18:00	419616	1-hr	147	145.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 18:00	419613	1-hr	165	163.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 18:00	419288	1-hr	135	133.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 18:00	419289	1-hr	139	137.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 19:00	419615	1-hr	147	145.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 19:00	419611	1-hr	226	223.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 19:00	419610	1-hr	187	184.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 19:00	419612	1-hr	146	145.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 19:00	419617	1-hr	124	121.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 19:00	419616	1-hr	148	146.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 19:00	419613	1-hr	172	170.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 19:00	419614	1-hr	91	89.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 19:00	419288	1-hr	118	117.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 19:00	419289	1-hr	136	134.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 20:00	419615	1-hr	165	163.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 20:00	419611	1-hr	217	215.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 20:00	419610	1-hr	209	206.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 20:00	419612	1-hr	141	139.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 20:00	419617	1-hr	127	125.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 20:00	419616	1-hr	161	159.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 20:00	419613	1-hr	196	194.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 20:00	419614	1-hr	112	110.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 20:00	419288	1-hr	135	132.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 20:00	419289	1-hr	155	153.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 21:00	419615	1-hr	181	179.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 21:00	419611	1-hr	219	216.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 21:00	419610	1-hr	201	198.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 21:00	419612	1-hr	157	155.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 21:00	419617	1-hr	149	146.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 21:00	419616	1-hr	180	178.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 21:00	419613	1-hr	198	196.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 12, 2023 21:00	419618	1-hr	166	163.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 21:00	419614	1-hr	154	152.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 21:00	419288	1-hr	143	141.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 12, 2023 21:00	419619	1-hr	130	128.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 21:00	419289	1-hr	168	166.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 22:00	419615	1-hr	186	184.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 22:00	419611	1-hr	216	214.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 22:00	419610	1-hr	196	194.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 22:00	419612	1-hr	142	140.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 22:00	419617	1-hr	148	145.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 22:00	419616	1-hr	186	183.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 22:00	419613	1-hr	201	199.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 12, 2023 22:00	419618	1-hr	205	202.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 12, 2023 22:00	419622	1-hr	145	143.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 22:00	419288	1-hr	158	156.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 12, 2023 22:00	419619	1-hr	182	180.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 22:00	419289	1-hr	177	175.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 22:00	419614	1-hr	188	185.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 23:00	419615	1-hr	193	190.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 23:00	419611	1-hr	216	214.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 23:00	419610	1-hr	192	190.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 23:00	419612	1-hr	164	162.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 23:00	419617	1-hr	127	124.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 23:00	419616	1-hr	192	190.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 23:00	419613	1-hr	196	194.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 12, 2023 23:00	419618	1-hr	194	192.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 23:00	419614	1-hr	186	184.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 12, 2023 23:00	419622	1-hr	167	165.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 23:00	419288	1-hr	166	164.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 12, 2023 23:00	419619	1-hr	162	160.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 23:00	419289	1-hr	190	188.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 12, 2023 24:00	419615	1-hr	194	191.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 12, 2023 24:00	419611	1-hr	220	218.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 12, 2023 24:00	419610	1-hr	192	190.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 12, 2023 24:00	419612	1-hr	182	180.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 12, 2023 24:00	419617	1-hr	136	134.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 12, 2023 24:00	419616	1-hr	197	194.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 12, 2023 24:00	419613	1-hr	197	194.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 12, 2023 24:00	419618	1-hr	185	183.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 12, 2023 24:00	419614	1-hr	190	188.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 12, 2023 24:00	419622	1-hr	156	154.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 12, 2023 24:00	419288	1-hr	189	186.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 12, 2023 24:00	419619	1-hr	176	174.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 12, 2023 24:00	419289	1-hr	187	185.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 01:00	419615	1-hr	194	192.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 01:00	419611	1-hr	215	213.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 01:00	419610	1-hr	201	199.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 01:00	419612	1-hr	197	194.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 01:00	419617	1-hr	138	136.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 01:00	419616	1-hr	200	197.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 01:00	419613	1-hr	197	194.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 01:00	419618	1-hr	195	193.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 01:00	419614	1-hr	196	193.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 01:00	419622	1-hr	193	191.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 01:00	419623	1-hr	97	95.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 01:00	419353	1-hr	211	209.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 01:00	419619	1-hr	173	171.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 01:00	419354	1-hr	185	182.7	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 24:00	419615	24-hr	92	90.8	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 24:00	419611	24-hr	92	89.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 24:00	419610	24-hr	85	83.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 24:00	419612	24-hr	85	83.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 24:00	419617	24-hr	141	138.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 13, 2023 24:00	419616	24-hr	95	93.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 24:00	419613	24-hr	92	90.3	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 13, 2023 24:00	419618	24-hr	69	66.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 13, 2023 24:00	419614	24-hr	96	94.0	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 24:00	419622	24-hr	46	44.5	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 13, 2023 24:00	419624	24-hr	43	41.3	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 13, 2023 24:00	419623	24-hr	51	49.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 13, 2023 24:00	419353	24-hr	91	89.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 13, 2023 24:00	419619	24-hr	64	62.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 13, 2023 24:00	419354	24-hr	90	88.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 02:00	419615	1-hr	196	194.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 02:00	419611	1-hr	217	215.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 02:00	419610	1-hr	203	201.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 02:00	419612	1-hr	201	199.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 02:00	419617	1-hr	148	145.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 02:00	419616	1-hr	198	196.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 02:00	419613	1-hr	193	190.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 02:00	419618	1-hr	214	212.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 02:00	419614	1-hr	194	192.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 02:00	419622	1-hr	173	171.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 13, 2023 02:00	419624	1-hr	94	92.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 02:00	419623	1-hr	134	131.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 02:00	419353	1-hr	181	179.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 02:00	419619	1-hr	180	178.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 02:00	419354	1-hr	186	184.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 03:00	419615	1-hr	192	190.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 03:00	419611	1-hr	229	226.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 03:00	419610	1-hr	209	207.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 03:00	419612	1-hr	209	207.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 03:00	419617	1-hr	135	132.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 03:00	419616	1-hr	199	197.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 03:00	419613	1-hr	195	192.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 03:00	419618	1-hr	215	213.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 03:00	419614	1-hr	193	191.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 03:00	419622	1-hr	106	104.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 13, 2023 03:00	419624	1-hr	129	126.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 03:00	419623	1-hr	138	136.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 03:00	419353	1-hr	187	184.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 03:00	419619	1-hr	177	175.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 03:00	419354	1-hr	185	182.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 04:00	419615	1-hr	197	195.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 04:00	419611	1-hr	226	223.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 04:00	419610	1-hr	210	208.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 04:00	419612	1-hr	218	216.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 04:00	419617	1-hr	135	133.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 04:00	419616	1-hr	200	198.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 04:00	419613	1-hr	192	190.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 04:00	419618	1-hr	207	205.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 04:00	419614	1-hr	197	195.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 04:00	419622	1-hr	91	89.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 13, 2023 04:00	419624	1-hr	136	133.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 04:00	419623	1-hr	125	123.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 04:00	419353	1-hr	187	185.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 04:00	419619	1-hr	178	176.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 04:00	419354	1-hr	187	185.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 05:00	419615	1-hr	208	205.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 05:00	419611	1-hr	227	224.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 05:00	419610	1-hr	218	216.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 05:00	419612	1-hr	217	215.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 05:00	419617	1-hr	138	135.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 05:00	419616	1-hr	213	211.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 05:00	419613	1-hr	197	195.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 05:00	419618	1-hr	178	175.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 05:00	419614	1-hr	208	206.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 13, 2023 05:00	419622	1-hr	80	78.4	nae
AAAQG	AMS21 Conklin	PM2.5	Sep 13, 2023 05:00	419624	1-hr	118	116.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 05:00	419623	1-hr	129	126.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 05:00	419353	1-hr	181	178.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 05:00	419619	1-hr	171	169.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 05:00	419354	1-hr	193	191.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 06:00	419615	1-hr	218	216.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 06:00	419611	1-hr	234	231.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 06:00	419610	1-hr	216	214.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 06:00	419612	1-hr	195	193.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 06:00	419617	1-hr	157	154.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 06:00	419616	1-hr	227	225.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 06:00	419613	1-hr	207	204.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 06:00	419618	1-hr	136	134.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 06:00	419614	1-hr	216	214.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 06:00	419623	1-hr	117	115.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 06:00	419353	1-hr	179	177.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 06:00	419619	1-hr	160	158.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 06:00	419354	1-hr	203	201.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 07:00	419615	1-hr	229	227.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 13, 2023 07:00	419611	1-hr	227	225.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 07:00	419610	1-hr	200	198.4	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 07:00	419612	1-hr	182	180.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 07:00	419617	1-hr	168	166.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 07:00	419616	1-hr	232	230.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 07:00	419613	1-hr	211	208.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 13, 2023 07:00	419618	1-hr	132	129.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 07:00	419614	1-hr	219	216.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 07:00	419623	1-hr	103	101.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 07:00	419353	1-hr	183	181.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 07:00	419619	1-hr	114	112.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 07:00	419354	1-hr	202	199.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 08:00	419615	1-hr	224	221.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 08:00	419610	1-hr	166	164.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 08:00	419612	1-hr	166	163.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 08:00	419617	1-hr	175	172.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 08:00	419616	1-hr	221	218.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 08:00	419613	1-hr	203	201.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 08:00	419614	1-hr	208	206.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 13, 2023 08:00	419623	1-hr	86	84.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 08:00	419353	1-hr	176	174.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 13, 2023 08:00	419619	1-hr	81	78.7	nae
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 08:00	419354	1-hr	195	192.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 09:00	419615	1-hr	175	172.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 13, 2023 09:00	419610	1-hr	102	100.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 09:00	419612	1-hr	142	140.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 09:00	419617	1-hr	181	179.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 09:00	419616	1-hr	172	170.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 09:00	419613	1-hr	195	193.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 09:00	419614	1-hr	170	168.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 09:00	419353	1-hr	164	161.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 09:00	419354	1-hr	163	161.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 13, 2023 10:00	419615	1-hr	96	93.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 13, 2023 10:00	419612	1-hr	81	78.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 10:00	419617	1-hr	175	173.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 13, 2023 10:00	419616	1-hr	106	104.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 13, 2023 10:00	419613	1-hr	105	103.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 13, 2023 10:00	419614	1-hr	107	105.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 13, 2023 10:00	419353	1-hr	128	125.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 13, 2023 10:00	419354	1-hr	117	115.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 11:00	419617	1-hr	171	169.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 12:00	419617	1-hr	154	151.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 13:00	419617	1-hr	136	133.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 14:00	419617	1-hr	118	116.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 15:00	419617	1-hr	108	106.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 16:00	419617	1-hr	103	101.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 17:00	419617	1-hr	95	93.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 18:00	419617	1-hr	92	89.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 19:00	419617	1-hr	91	89.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 20:00	419617	1-hr	96	93.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 21:00	419617	1-hr	93	91.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 22:00	419617	1-hr	281	279.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 23:00	419617	1-hr	178	176.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 13, 2023 24:00	419617	1-hr	112	110.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 01:00	419617	1-hr	92	89.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 14, 2023 24:00	419611	24-hr	35	33.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 14, 2023 24:00	419610	24-hr	32	30.0	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 24:00	419617	24-hr	162	160.0	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 14, 2023 24:00	419412	24-hr	37	35.8	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 14, 2023 24:00	419413	24-hr	31	29.0	nae
AAAQO	AMS09 Barge Landing	PM2.5	Sep 14, 2023 24:00	419616	24-hr	31	29.5	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 14, 2023 24:00	419613	24-hr	32	29.8	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 14, 2023 24:00	419614	24-hr	50	48.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 02:00	419617	1-hr	89	87.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 03:00	419617	1-hr	106	103.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 04:00	419617	1-hr	146	143.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 05:00	419617	1-hr	268	266.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 06:00	419617	1-hr	244	242.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 07:00	419617	1-hr	163	160.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 08:00	419617	1-hr	192	190.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 09:00	419617	1-hr	251	249.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 10:00	419617	1-hr	274	271.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 11:00	419617	1-hr	216	213.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 14, 2023 11:00	419614	1-hr	85	83.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 14, 2023 11:00	419412	1-hr	84	82.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 14, 2023 11:00	419413	1-hr	83	81.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 12:00	419617	1-hr	166	164.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 14, 2023 12:00	419614	1-hr	148	145.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 14, 2023 12:00	419412	1-hr	104	102.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 14, 2023 12:00	419413	1-hr	91	88.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 14, 2023 12:00	419616	1-hr	94	92.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 14, 2023 12:00	419613	1-hr	88	86.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 13:00	419617	1-hr	144	141.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 14, 2023 13:00	419613	1-hr	88	85.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 14, 2023 13:00	419614	1-hr	134	131.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 14, 2023 13:00	419616	1-hr	86	83.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 14:00	419617	1-hr	136	134.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 14, 2023 14:00	419614	1-hr	108	106.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 15:00	419617	1-hr	178	175.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 14, 2023 15:00	419614	1-hr	91	88.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 16:00	419617	1-hr	152	150.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 17:00	419617	1-hr	127	125.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 18:00	419617	1-hr	124	122.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 19:00	419617	1-hr	127	124.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 20:00	419617	1-hr	129	127.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 21:00	419617	1-hr	133	131.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 22:00	419617	1-hr	141	138.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 23:00	419617	1-hr	142	139.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 14, 2023 24:00	419617	1-hr	144	142.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 15, 2023 01:00	419617	1-hr	140	137.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 15, 2023 24:00	419617	24-hr	47	45.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 15, 2023 02:00	419617	1-hr	141	139.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 15, 2023 03:00	419617	1-hr	136	133.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 15, 2023 04:00	419617	1-hr	108	106.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 16, 2023 24:00	419615	24-hr	58	56.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 24:00	419611	24-hr	60	58.5	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 24:00	419610	24-hr	57	55.7	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 16, 2023 24:00	419612	24-hr	43	41.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 24:00	419617	24-hr	189	188.3	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 24:00	419622	24-hr	56	54.0	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 16, 2023 24:00	419624	24-hr	69	67.4	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 16, 2023 24:00	419623	24-hr	42	40.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 16, 2023 24:00	419514	24-hr	60	58.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 16, 2023 24:00	419616	24-hr	64	62.1	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 24:00	419613	24-hr	69	67.4	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 16, 2023 24:00	419618	24-hr	43	41.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 16, 2023 24:00	419614	24-hr	62	59.9	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 16, 2023 24:00	419619	24-hr	44	42.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 16, 2023 24:00	419515	24-hr	55	53.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 07:00	419617	1-hr	127	125.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 08:00	419617	1-hr	172	169.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 09:00	419617	1-hr	156	154.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 10:00	419617	1-hr	165	163.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 11:00	419611	1-hr	86	84.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 11:00	419617	1-hr	176	174.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 11:00	419614	1-hr	80	78.6	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 16, 2023 12:00	419615	1-hr	82	80.0	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 12:00	419611	1-hr	149	148.2	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 12:00	419617	1-hr	161	159.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 16, 2023 12:00	419616	1-hr	95	93.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 12:00	419614	1-hr	133	131.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 12:00	419514	1-hr	93	91.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 16, 2023 12:00	419515	1-hr	88	86.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 12:00	419613	1-hr	117	115.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 16, 2023 13:00	419615	1-hr	150	149.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 13:00	419611	1-hr	113	112.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 13:00	419617	1-hr	152	149.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 16, 2023 13:00	419616	1-hr	152	150.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 13:00	419614	1-hr	194	193.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 13:00	419514	1-hr	111	109.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 16, 2023 13:00	419515	1-hr	132	131.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 13:00	419613	1-hr	220	218.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 16, 2023 14:00	419615	1-hr	146	145.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 14:00	419611	1-hr	88	87.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 14:00	419610	1-hr	88	87.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 14:00	419617	1-hr	186	183.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 16, 2023 14:00	419616	1-hr	179	178.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 14:00	419614	1-hr	133	131.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 14:00	419514	1-hr	140	138.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 14:00	419613	1-hr	147	145.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 16, 2023 14:00	419515	1-hr	125	124.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 16, 2023 15:00	419611	1-hr	84	83.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 15:00	419617	1-hr	152	-	ret
AAAQG	AMS09 Barge Landing	PM2.5	Sep 16, 2023 15:00	419616	1-hr	93	91.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 15:00	419613	1-hr	87	85.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 15:00	419614	1-hr	129	128.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 15:00	419622	1-hr	108	106.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 15:00	419624	1-hr	105	104.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 15:00	419514	1-hr	80	79.5	nae
AAAQG	AMS30 Ells River	PM2.5	Sep 16, 2023 15:00	419515	1-hr	83	81.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 16:00	419617	1-hr	198	196.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 16, 2023 16:00	419614	1-hr	81	79.9	nae
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 16:00	419622	1-hr	119	118.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 16:00	419624	1-hr	124	122.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 16:00	419514	1-hr	94	92.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 17:00	419617	1-hr	232	230.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 17:00	419622	1-hr	114	113.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 17:00	419624	1-hr	128	127.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 18:00	419617	1-hr	285	282.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 18:00	419622	1-hr	109	107.6	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 18:00	419624	1-hr	216	214.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 16, 2023 18:00	419619	1-hr	92	90.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 19:00	419617	1-hr	350	348.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 16, 2023 19:00	419622	1-hr	99	97.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 19:00	419624	1-hr	146	143.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 20:00	419610	1-hr	84	81.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 20:00	419617	1-hr	367	365.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 20:00	419613	1-hr	92	90.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 20:00	419624	1-hr	136	134.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 21:00	419610	1-hr	82	79.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 21:00	419617	1-hr	377	375.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 21:00	419613	1-hr	93	91.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 21:00	419624	1-hr	129	126.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 16, 2023 21:00	419623	1-hr	82	80.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 22:00	419610	1-hr	86	84.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 22:00	419617	1-hr	365	362.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 22:00	419624	1-hr	101	99.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 16, 2023 22:00	419623	1-hr	83	81.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 23:00	419610	1-hr	87	85.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 23:00	419617	1-hr	336	334.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 23:00	419624	1-hr	89	87.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Sep 16, 2023 23:00	419623	1-hr	84	82.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 16, 2023 23:00	419514	1-hr	105	102.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 16, 2023 24:00	419610	1-hr	87	84.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 16, 2023 24:00	419617	1-hr	339	337.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 16, 2023 24:00	419613	1-hr	86	84.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 16, 2023 24:00	419624	1-hr	82	79.8	nae
AAAQG	AMS22 Janvier	PM2.5	Sep 16, 2023 24:00	419623	1-hr	81	78.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 01:00	419611	1-hr	80	78.5	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 01:00	419610	1-hr	90	88.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 01:00	419617	1-hr	276	274.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 01:00	419613	1-hr	94	92.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 01:00	419552	1-hr	80	78.3	nae
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 24:00	419615	24-hr	91	89.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 24:00	419613	24-hr	103	101.7	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 17, 2023 24:00	419618	24-hr	68	66.4	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 17, 2023 24:00	419614	24-hr	87	85.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 24:00	419622	24-hr	77	75.8	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 17, 2023 24:00	419623	24-hr	66	64.5	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 17, 2023 24:00	419552	24-hr	90	88.7	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 17, 2023 24:00	419619	24-hr	68	66.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 17, 2023 24:00	419553	24-hr	88	86.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 24:00	419611	24-hr	98	96.7	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 24:00	419610	24-hr	97	95.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 24:00	419612	24-hr	73	71.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 24:00	419617	24-hr	158	156.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 17, 2023 24:00	419616	24-hr	95	93.8	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 17, 2023 24:00	419624	24-hr	77	75.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 02:00	419611	1-hr	83	81.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 02:00	419610	1-hr	87	85.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 02:00	419617	1-hr	251	249.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 02:00	419613	1-hr	97	94.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 02:00	419614	1-hr	88	85.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 02:00	419552	1-hr	87	85.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 03:00	419615	1-hr	84	82.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 03:00	419611	1-hr	82	79.8	nae
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 03:00	419610	1-hr	81	78.9	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 03:00	419613	1-hr	99	96.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 03:00	419614	1-hr	87	85.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 03:00	419552	1-hr	89	87.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 03:00	419619	1-hr	83	80.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 03:00	419617	1-hr	257	255.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 04:00	419615	1-hr	83	80.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 04:00	419611	1-hr	82	79.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 04:00	419617	1-hr	243	241.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 04:00	419613	1-hr	101	99.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 04:00	419614	1-hr	93	90.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 04:00	419622	1-hr	81	79.5	nae
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 04:00	419616	1-hr	86	83.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 04:00	419552	1-hr	88	86.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 04:00	419619	1-hr	84	81.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 04:00	419553	1-hr	80	78.2	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 05:00	419611	1-hr	84	82.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 05:00	419617	1-hr	207	204.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 05:00	419613	1-hr	92	90.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 05:00	419614	1-hr	112	109.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 05:00	419622	1-hr	81	79.1	nae
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 05:00	419619	1-hr	81	79.3	nae
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 05:00	419616	1-hr	96	94.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 06:00	419615	1-hr	80	78.5	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 06:00	419611	1-hr	86	84.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 06:00	419617	1-hr	185	182.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 06:00	419613	1-hr	87	85.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 06:00	419614	1-hr	138	136.3	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 06:00	419616	1-hr	89	87.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 07:00	419611	1-hr	84	82.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 07:00	419617	1-hr	151	149.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 07:00	419613	1-hr	85	82.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 07:00	419618	1-hr	80	78.3	nae
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 07:00	419614	1-hr	144	142.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 07:00	419552	1-hr	88	86.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 07:00	419553	1-hr	81	78.9	nae
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 07:00	419616	1-hr	91	89.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 08:00	419617	1-hr	114	112.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 08:00	419613	1-hr	84	82.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 08:00	419614	1-hr	120	118.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 08:00	419552	1-hr	98	96.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 08:00	419616	1-hr	81	79.2	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 09:00	419611	1-hr	82	80.0	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 09:00	419617	1-hr	113	111.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 09:00	419613	1-hr	96	94.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 09:00	419614	1-hr	89	87.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 09:00	419552	1-hr	90	88.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 09:00	419553	1-hr	87	85.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 09:00	419610	1-hr	90	87.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 10:00	419615	1-hr	82	79.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 10:00	419611	1-hr	87	85.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 10:00	419617	1-hr	117	115.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 10:00	419613	1-hr	91	89.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 10:00	419614	1-hr	90	88.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 10:00	419552	1-hr	91	89.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 10:00	419553	1-hr	85	83.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 10:00	419610	1-hr	94	92.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 10:00	419616	1-hr	84	81.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 11:00	419615	1-hr	82	80.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 11:00	419611	1-hr	94	91.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 11:00	419617	1-hr	120	118.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 11:00	419613	1-hr	93	90.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 11:00	419614	1-hr	88	86.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 11:00	419552	1-hr	82	80.0	nae
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 11:00	419553	1-hr	84	82.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 11:00	419610	1-hr	95	92.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 11:00	419616	1-hr	84	82.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 12:00	419615	1-hr	83	81.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 12:00	419617	1-hr	130	127.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 12:00	419616	1-hr	84	82.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 12:00	419613	1-hr	94	92.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 12:00	419552	1-hr	92	90.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 12:00	419553	1-hr	84	82.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 13:00	419617	1-hr	137	135.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 13:00	419552	1-hr	90	88.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 14:00	419617	1-hr	150	148.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 15:00	419617	1-hr	141	139.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 16:00	419617	1-hr	134	131.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 17:00	419617	1-hr	133	131.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 18:00	419617	1-hr	119	117.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 18:00	419622	1-hr	94	92.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 18:00	419611	1-hr	119	118.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 18:00	419610	1-hr	101	99.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 19:00	419615	1-hr	117	115.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 19:00	419612	1-hr	104	103.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 19:00	419617	1-hr	114	111.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 19:00	419616	1-hr	125	123.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 19:00	419613	1-hr	172	170.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 19:00	419622	1-hr	151	149.3	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 19:00	419624	1-hr	140	138.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 19:00	419619	1-hr	94	92.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 19:00	419553	1-hr	99	97.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 19:00	419611	1-hr	176	174.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 19:00	419610	1-hr	168	166.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 20:00	419615	1-hr	173	171.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 20:00	419612	1-hr	118	116.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 20:00	419617	1-hr	114	112.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 20:00	419616	1-hr	180	178.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 20:00	419613	1-hr	195	193.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 20:00	419618	1-hr	95	93.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 20:00	419622	1-hr	172	170.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 20:00	419624	1-hr	173	171.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 17, 2023 20:00	419623	1-hr	95	92.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 20:00	419552	1-hr	139	136.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 20:00	419619	1-hr	115	113.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 20:00	419553	1-hr	160	158.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 20:00	419611	1-hr	182	180.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 20:00	419610	1-hr	180	178.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 21:00	419615	1-hr	171	169.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 21:00	419612	1-hr	136	134.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 21:00	419617	1-hr	122	119.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 21:00	419616	1-hr	175	173.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 21:00	419613	1-hr	182	180.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 21:00	419618	1-hr	143	141.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 21:00	419614	1-hr	160	157.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 21:00	419622	1-hr	181	179.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 21:00	419624	1-hr	178	175.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 17, 2023 21:00	419623	1-hr	115	113.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 21:00	419552	1-hr	160	158.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 21:00	419619	1-hr	135	133.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 21:00	419553	1-hr	163	160.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 21:00	419611	1-hr	179	176.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 21:00	419610	1-hr	174	171.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 22:00	419615	1-hr	170	167.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 22:00	419612	1-hr	145	142.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 22:00	419617	1-hr	138	136.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 22:00	419616	1-hr	171	169.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 22:00	419613	1-hr	176	173.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 22:00	419618	1-hr	143	141.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 22:00	419614	1-hr	168	166.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 22:00	419622	1-hr	155	153.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 22:00	419624	1-hr	162	159.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 17, 2023 22:00	419623	1-hr	125	123.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 22:00	419552	1-hr	160	158.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 22:00	419619	1-hr	142	139.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 22:00	419553	1-hr	167	164.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 22:00	419611	1-hr	175	172.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 22:00	419610	1-hr	166	164.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 23:00	419615	1-hr	169	166.8	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 23:00	419612	1-hr	149	147.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 23:00	419617	1-hr	174	171.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 23:00	419616	1-hr	179	177.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 23:00	419613	1-hr	175	172.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 23:00	419618	1-hr	137	135.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 23:00	419614	1-hr	154	152.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 23:00	419622	1-hr	164	162.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 23:00	419624	1-hr	157	154.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 17, 2023 23:00	419623	1-hr	134	132.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 23:00	419552	1-hr	161	158.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 23:00	419619	1-hr	127	124.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 23:00	419553	1-hr	162	160.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 23:00	419611	1-hr	171	169.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 23:00	419610	1-hr	175	172.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 17, 2023 24:00	419615	1-hr	163	160.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 17, 2023 24:00	419610	1-hr	177	175.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 17, 2023 24:00	419612	1-hr	148	146.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 17, 2023 24:00	419617	1-hr	165	163.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 17, 2023 24:00	419616	1-hr	176	174.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 17, 2023 24:00	419613	1-hr	169	167.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 17, 2023 24:00	419618	1-hr	114	112.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 17, 2023 24:00	419614	1-hr	150	148.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 17, 2023 24:00	419622	1-hr	150	148.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 17, 2023 24:00	419624	1-hr	162	160.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 17, 2023 24:00	419623	1-hr	135	133.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 17, 2023 24:00	419552	1-hr	151	148.8	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 17, 2023 24:00	419619	1-hr	99	96.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 17, 2023 24:00	419553	1-hr	147	145.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 17, 2023 24:00	419611	1-hr	160	158.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 01:00	420077	1-hr	157	155.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 01:00	420007	1-hr	169	167.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 01:00	420011	1-hr	144	142.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 01:00	420012	1-hr	162	160.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 01:00	420013	1-hr	146	144.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 01:00	420014	1-hr	156	154.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 01:00	420015	1-hr	107	105.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 01:00	420016	1-hr	144	141.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 01:00	420017	1-hr	145	143.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 01:00	420018	1-hr	151	149.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 01:00	420019	1-hr	138	136.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 01:00	419620	1-hr	143	141.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 01:00	420020	1-hr	102	100.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 01:00	419621	1-hr	136	133.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 01:00	420021	1-hr	147	144.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 24:00	420014	24-hr	79	77.4	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 18, 2023 24:00	420015	24-hr	80	78.4	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 18, 2023 24:00	420016	24-hr	86	83.8	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 24:00	420017	24-hr	89	87.5	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 18, 2023 24:00	420018	24-hr	86	84.5	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 18, 2023 24:00	420019	24-hr	82	79.8	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 18, 2023 24:00	419620	24-hr	70	67.8	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 24:00	420077	24-hr	77	75.2	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 24:00	420021	24-hr	81	79.2	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 24:00	420007	24-hr	85	82.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 24:00	420011	24-hr	71	68.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 24:00	420012	24-hr	89	87.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 18, 2023 24:00	420013	24-hr	82	79.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 18, 2023 24:00	420020	24-hr	81	79.5	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 18, 2023 24:00	419621	24-hr	73	71.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 02:00	420077	1-hr	146	144.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 02:00	420021	1-hr	139	137.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 02:00	420007	1-hr	159	157.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 02:00	420011	1-hr	137	135.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 02:00	420012	1-hr	159	157.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 02:00	420013	1-hr	139	136.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 02:00	420014	1-hr	147	144.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 02:00	420016	1-hr	130	128.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 02:00	420017	1-hr	175	172.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 02:00	420018	1-hr	145	143.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 02:00	420019	1-hr	142	140.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 02:00	419620	1-hr	134	132.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 02:00	420020	1-hr	122	119.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 02:00	419621	1-hr	132	130.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 02:00	420015	1-hr	132	130.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 03:00	420077	1-hr	135	133.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 03:00	420021	1-hr	138	136.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 03:00	420007	1-hr	151	148.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 03:00	420011	1-hr	134	131.7	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 03:00	420012	1-hr	155	153.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 03:00	420013	1-hr	131	128.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 03:00	420014	1-hr	135	133.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 03:00	420015	1-hr	156	154.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 03:00	420016	1-hr	120	118.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 03:00	420017	1-hr	182	180.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 03:00	420018	1-hr	148	146.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 03:00	420019	1-hr	140	138.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 03:00	419620	1-hr	119	117.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 03:00	420020	1-hr	147	145.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 03:00	419621	1-hr	121	118.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 04:00	420077	1-hr	125	122.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 04:00	420021	1-hr	139	137.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 04:00	420007	1-hr	149	146.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 04:00	420011	1-hr	127	125.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 04:00	420012	1-hr	148	146.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 04:00	420013	1-hr	130	128.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 04:00	420014	1-hr	126	124.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 04:00	420016	1-hr	127	125.6	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 04:00	420017	1-hr	184	182.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 04:00	420018	1-hr	144	142.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 04:00	420019	1-hr	140	138.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 04:00	419620	1-hr	110	108.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 04:00	420020	1-hr	161	159.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 04:00	419621	1-hr	117	115.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 04:00	420015	1-hr	157	155.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 05:00	420077	1-hr	127	125.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 05:00	420021	1-hr	150	147.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 05:00	420007	1-hr	151	149.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 05:00	420011	1-hr	130	127.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 05:00	420012	1-hr	147	145.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 05:00	420013	1-hr	145	142.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 05:00	420014	1-hr	126	124.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 05:00	420016	1-hr	145	143.1	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 05:00	420017	1-hr	185	183.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 05:00	420018	1-hr	150	148.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 05:00	420019	1-hr	142	139.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 05:00	419620	1-hr	108	106.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 05:00	420020	1-hr	165	163.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 05:00	419621	1-hr	122	120.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 05:00	420015	1-hr	155	152.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 06:00	420021	1-hr	148	145.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 06:00	420007	1-hr	151	149.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 06:00	420011	1-hr	129	127.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 06:00	420012	1-hr	135	133.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 06:00	420013	1-hr	154	152.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 06:00	420014	1-hr	127	125.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 06:00	420015	1-hr	154	152.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 06:00	420016	1-hr	155	153.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 06:00	420017	1-hr	179	176.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 06:00	420018	1-hr	152	149.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 06:00	420019	1-hr	141	138.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 06:00	419620	1-hr	115	113.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 06:00	420020	1-hr	153	150.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 06:00	419621	1-hr	126	124.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 06:00	420077	1-hr	141	139.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 07:00	420021	1-hr	147	145.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 07:00	420007	1-hr	158	156.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 07:00	420011	1-hr	123	121.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 07:00	420012	1-hr	136	133.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 07:00	420013	1-hr	150	148.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 07:00	420014	1-hr	137	135.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 07:00	420015	1-hr	162	160.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 07:00	420016	1-hr	164	161.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 07:00	420017	1-hr	167	165.1	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 07:00	420018	1-hr	179	177.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 07:00	420019	1-hr	139	137.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 07:00	419620	1-hr	126	123.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 07:00	420020	1-hr	154	151.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 07:00	419621	1-hr	139	136.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 07:00	420077	1-hr	144	142.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 08:00	420021	1-hr	146	144.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 08:00	420007	1-hr	164	162.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 08:00	420011	1-hr	124	121.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 08:00	420012	1-hr	143	141.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 08:00	420013	1-hr	153	151.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 08:00	420014	1-hr	145	142.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 08:00	420015	1-hr	158	155.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 08:00	420016	1-hr	167	165.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 08:00	420017	1-hr	167	165.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 08:00	420018	1-hr	159	157.1	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 08:00	420019	1-hr	142	140.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 08:00	419620	1-hr	133	131.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 08:00	420020	1-hr	150	148.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 08:00	419621	1-hr	143	140.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 08:00	420077	1-hr	144	142.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 09:00	420021	1-hr	147	145.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 09:00	420007	1-hr	170	168.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 09:00	420011	1-hr	126	123.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 09:00	420012	1-hr	143	141.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 09:00	420013	1-hr	153	151.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 09:00	420014	1-hr	151	148.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 09:00	420015	1-hr	167	165.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 09:00	420016	1-hr	166	164.3	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 09:00	420017	1-hr	167	165.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 09:00	420018	1-hr	170	168.4	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 09:00	420019	1-hr	142	140.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 09:00	419620	1-hr	132	130.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 09:00	420020	1-hr	158	155.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 09:00	419621	1-hr	141	139.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 09:00	420077	1-hr	145	142.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 10:00	420021	1-hr	143	141.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 10:00	420007	1-hr	170	168.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 10:00	420012	1-hr	139	136.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 10:00	420013	1-hr	158	155.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 10:00	420014	1-hr	172	170.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 10:00	420015	1-hr	161	158.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 10:00	420016	1-hr	165	163.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 10:00	420017	1-hr	173	170.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 10:00	420018	1-hr	155	153.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 10:00	420019	1-hr	138	136.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 10:00	419620	1-hr	121	119.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 10:00	420020	1-hr	163	161.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 10:00	419621	1-hr	126	124.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 10:00	420077	1-hr	140	138.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 10:00	420011	1-hr	127	125.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 18, 2023 11:00	420021	1-hr	129	127.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 18, 2023 11:00	420007	1-hr	93	91.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 18, 2023 11:00	420011	1-hr	113	111.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 11:00	420012	1-hr	126	123.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 11:00	420013	1-hr	115	113.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 18, 2023 11:00	420014	1-hr	115	113.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 18, 2023 11:00	420015	1-hr	126	124.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 11:00	420016	1-hr	138	135.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 18, 2023 11:00	420017	1-hr	137	134.9	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 11:00	420018	1-hr	152	150.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 11:00	420019	1-hr	141	139.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 18, 2023 11:00	419620	1-hr	99	97.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 11:00	420020	1-hr	141	139.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 18, 2023 11:00	419621	1-hr	109	107.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 18, 2023 11:00	420077	1-hr	108	106.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 12:00	420012	1-hr	91	88.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 18, 2023 12:00	420013	1-hr	80	78.5	nae
AAAQG	AMS17 Wapasu	PM2.5	Sep 18, 2023 12:00	420016	1-hr	106	104.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 18, 2023 12:00	420018	1-hr	87	84.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 12:00	420019	1-hr	132	129.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 18, 2023 12:00	420020	1-hr	92	89.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 18, 2023 13:00	420019	1-hr	84	82.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 18, 2023 24:00	420012	1-hr	82	80.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 01:00	420012	1-hr	89	87.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 19, 2023 24:00	420021	24-hr	30	28.4	nae
AAAQO	AMS21 Conklin	PM2.5	Sep 19, 2023 24:00	420018	24-hr	31	28.9	nae
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 24:00	420012	24-hr	101	98.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 19, 2023 24:00	419693	24-hr	30	28.3	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 04:00	420012	1-hr	85	83.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 12:00	420012	1-hr	83	81.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 13:00	420012	1-hr	85	83.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 14:00	420012	1-hr	163	160.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 15:00	420012	1-hr	142	140.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 16:00	420012	1-hr	187	185.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 17:00	420012	1-hr	188	186.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 18:00	420012	1-hr	143	140.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 19:00	420012	1-hr	125	123.5	exc
AAAQO	AMS11 Lower Camp	H2S	Sep 19, 2023 19:00	419679	1-hr	25	24.6	exc
AAAQO	AMS11 Lower Camp	SO2	Sep 19, 2023 19:00	419680	1-hr	219	218.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 20:00	420012	1-hr	119	116.7	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 19, 2023 20:00	420018	1-hr	150	148.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 21:00	420012	1-hr	117	115.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 19, 2023 21:00	420018	1-hr	99	97.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 22:00	420012	1-hr	124	121.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 23:00	420012	1-hr	123	121.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 19, 2023 24:00	420021	1-hr	84	82.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 19, 2023 24:00	420012	1-hr	127	125.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 01:00	420021	1-hr	96	94.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 01:00	420012	1-hr	128	125.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 01:00	419746	1-hr	87	84.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 01:00	419747	1-hr	94	92.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 24:00	420077	24-hr	98	96.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 24:00	420021	24-hr	135	133.3	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 24:00	420007	24-hr	118	115.6	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 24:00	420011	24-hr	75	72.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 24:00	420012	24-hr	156	155.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 20, 2023 24:00	420013	24-hr	91	89.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 24:00	420014	24-hr	106	103.7	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 20, 2023 24:00	420015	24-hr	88	86.3	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 20, 2023 24:00	420016	24-hr	128	126.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 20, 2023 24:00	420017	24-hr	44	42.2	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 20, 2023 24:00	420020	24-hr	79	77.0	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 20, 2023 24:00	420018	24-hr	44	41.9	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 20, 2023 24:00	420019	24-hr	52	50.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 20, 2023 24:00	419746	24-hr	99	96.9	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 20, 2023 24:00	419747	24-hr	112	110.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 02:00	420077	1-hr	85	82.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 02:00	420021	1-hr	117	115.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 02:00	420012	1-hr	135	133.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 02:00	420014	1-hr	94	91.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 02:00	419747	1-hr	102	100.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 03:00	420077	1-hr	89	87.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 03:00	420021	1-hr	121	118.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 03:00	420012	1-hr	147	145.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 03:00	420014	1-hr	97	95.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 03:00	419747	1-hr	95	93.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 04:00	420077	1-hr	87	85.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 04:00	420021	1-hr	132	130.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 04:00	420012	1-hr	187	184.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 04:00	420014	1-hr	92	90.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 04:00	419747	1-hr	99	97.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 05:00	420077	1-hr	82	80.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 05:00	420021	1-hr	131	129.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 05:00	420007	1-hr	83	80.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 05:00	420012	1-hr	201	198.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 05:00	420014	1-hr	95	93.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 05:00	420015	1-hr	82	80.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 05:00	419747	1-hr	102	100.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 06:00	420077	1-hr	83	81.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 06:00	420021	1-hr	118	115.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 06:00	420007	1-hr	92	90.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 06:00	420012	1-hr	185	183.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 06:00	420014	1-hr	97	95.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 06:00	419747	1-hr	98	96.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 07:00	420077	1-hr	88	86.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 07:00	420021	1-hr	125	122.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 07:00	420007	1-hr	98	96.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 07:00	420012	1-hr	217	215.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 07:00	420014	1-hr	102	99.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 07:00	420016	1-hr	121	118.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 07:00	419746	1-hr	91	88.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 07:00	419747	1-hr	104	102.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 08:00	420077	1-hr	96	94.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 08:00	420021	1-hr	121	119.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 08:00	420007	1-hr	106	104.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 08:00	420012	1-hr	235	233.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 08:00	420014	1-hr	104	101.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 08:00	420016	1-hr	194	191.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 08:00	419746	1-hr	93	91.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 08:00	419747	1-hr	106	104.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 09:00	420077	1-hr	112	110.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 09:00	420021	1-hr	152	150.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 09:00	420007	1-hr	128	126.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 09:00	420012	1-hr	272	270.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 09:00	420013	1-hr	112	110.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 09:00	420014	1-hr	119	117.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 09:00	420016	1-hr	211	208.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 09:00	419746	1-hr	106	103.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 09:00	419747	1-hr	128	126.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 10:00	420077	1-hr	115	113.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 10:00	420021	1-hr	181	179.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 10:00	420007	1-hr	146	144.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 10:00	420012	1-hr	201	199.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 10:00	420013	1-hr	132	129.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 10:00	420014	1-hr	102	99.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 10:00	420016	1-hr	259	257.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 10:00	419746	1-hr	108	106.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 10:00	419747	1-hr	151	148.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 11:00	420077	1-hr	118	115.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 11:00	420021	1-hr	187	185.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 11:00	420007	1-hr	188	186.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 11:00	420011	1-hr	97	95.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 11:00	420012	1-hr	171	169.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 11:00	420013	1-hr	135	133.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 11:00	420014	1-hr	114	112.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 11:00	420016	1-hr	283	281.3	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 11:00	419746	1-hr	145	142.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 11:00	419747	1-hr	170	168.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 12:00	420077	1-hr	148	146.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 12:00	420021	1-hr	181	179.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 12:00	420007	1-hr	213	210.9	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 12:00	420011	1-hr	141	139.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 12:00	420012	1-hr	124	122.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 12:00	420013	1-hr	156	154.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 12:00	420014	1-hr	171	169.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 12:00	420015	1-hr	87	85.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 12:00	420016	1-hr	253	251.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 12:00	419746	1-hr	138	136.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 12:00	419747	1-hr	177	175.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 12:00	420020	1-hr	86	83.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 13:00	420077	1-hr	141	138.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 13:00	420021	1-hr	158	155.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 13:00	420007	1-hr	200	198.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 13:00	420011	1-hr	161	159.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 13:00	420013	1-hr	149	146.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 13:00	420014	1-hr	149	146.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 13:00	420015	1-hr	102	100.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 13:00	420016	1-hr	236	233.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 13:00	419746	1-hr	126	123.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 13:00	419747	1-hr	128	125.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 13:00	420020	1-hr	89	87.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 14:00	420077	1-hr	133	131.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 14:00	420021	1-hr	152	150.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 14:00	420007	1-hr	154	152.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 14:00	420011	1-hr	138	136.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 14:00	420013	1-hr	139	137.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 14:00	420014	1-hr	145	143.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 14:00	420015	1-hr	124	121.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 14:00	420016	1-hr	213	211.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 14:00	419746	1-hr	156	154.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 14:00	419747	1-hr	132	130.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 14:00	420020	1-hr	89	87.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 15:00	420077	1-hr	146	144.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 15:00	420021	1-hr	138	136.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 15:00	420007	1-hr	152	150.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 15:00	420011	1-hr	137	135.3	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 15:00	420013	1-hr	153	150.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 15:00	420014	1-hr	147	145.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 15:00	420015	1-hr	139	136.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 15:00	420016	1-hr	183	180.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 15:00	419746	1-hr	156	154.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 15:00	419747	1-hr	154	152.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 15:00	420020	1-hr	95	93.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 16:00	420077	1-hr	144	141.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 16:00	420021	1-hr	133	131.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 16:00	420007	1-hr	128	125.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 16:00	420011	1-hr	113	110.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 16:00	420012	1-hr	127	123.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 16:00	420013	1-hr	157	155.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 16:00	420014	1-hr	148	145.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 16:00	420015	1-hr	162	159.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 16:00	420016	1-hr	142	140.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 16:00	419747	1-hr	155	153.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 16:00	419746	1-hr	156	153.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 16:00	420020	1-hr	99	97.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 17:00	420077	1-hr	149	147.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 17:00	420021	1-hr	139	136.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 17:00	420007	1-hr	117	115.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 17:00	420011	1-hr	104	102.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 17:00	420012	1-hr	150	148.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 17:00	420013	1-hr	147	145.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 17:00	420014	1-hr	151	148.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 17:00	420015	1-hr	158	156.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 17:00	420016	1-hr	115	112.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 17:00	419746	1-hr	135	133.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 17:00	419747	1-hr	162	160.0	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 17:00	420020	1-hr	100	98.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 20, 2023 18:00	420077	1-hr	112	110.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 18:00	420021	1-hr	160	158.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 18:00	420007	1-hr	106	104.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 18:00	420011	1-hr	103	101.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 18:00	420012	1-hr	143	141.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 20, 2023 18:00	420013	1-hr	112	110.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 20, 2023 18:00	420014	1-hr	135	133.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 18:00	420015	1-hr	120	118.5	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 18:00	420016	1-hr	107	104.9	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 20, 2023 18:00	420019	1-hr	88	85.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 20, 2023 18:00	419746	1-hr	98	96.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 18:00	420020	1-hr	122	120.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 18:00	419747	1-hr	81	78.9	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 19:00	420021	1-hr	156	154.4	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 19:00	420007	1-hr	110	107.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 19:00	420011	1-hr	97	95.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 19:00	420012	1-hr	144	142.4	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 19:00	420015	1-hr	93	91.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 19:00	420016	1-hr	101	98.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 19:00	420020	1-hr	135	133.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 20, 2023 19:00	420019	1-hr	88	85.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 20:00	420021	1-hr	95	93.1	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 20:00	420007	1-hr	114	111.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 20:00	420011	1-hr	96	93.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 20:00	420012	1-hr	149	147.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 20:00	420015	1-hr	85	82.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 20:00	420016	1-hr	97	95.0	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 20, 2023 20:00	420018	1-hr	85	83.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 20, 2023 20:00	420019	1-hr	91	89.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 20:00	420020	1-hr	129	127.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 21:00	420021	1-hr	101	98.6	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 21:00	420007	1-hr	130	128.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 21:00	420011	1-hr	92	90.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 21:00	420012	1-hr	138	136.5	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 21:00	420015	1-hr	81	79.0	nae
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 21:00	420016	1-hr	98	96.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 20, 2023 21:00	420018	1-hr	88	86.0	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 20, 2023 21:00	420019	1-hr	90	87.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 21:00	420020	1-hr	130	128.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 22:00	420021	1-hr	107	105.3	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 22:00	420007	1-hr	132	130.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 22:00	420011	1-hr	96	94.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 22:00	420012	1-hr	134	132.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 22:00	420015	1-hr	82	79.7	nae
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 22:00	420016	1-hr	98	95.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 20, 2023 22:00	420017	1-hr	88	86.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 22:00	420020	1-hr	123	121.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 22:00	419747	1-hr	85	83.4	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 23:00	420021	1-hr	121	119.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 23:00	420007	1-hr	128	126.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 23:00	420011	1-hr	104	102.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 23:00	420012	1-hr	144	141.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 23:00	420015	1-hr	86	84.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 23:00	420016	1-hr	105	103.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 20, 2023 23:00	420017	1-hr	100	98.6	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 23:00	420020	1-hr	119	117.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 23:00	419747	1-hr	80	78.4	nae
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 20, 2023 24:00	420021	1-hr	121	118.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 20, 2023 24:00	420007	1-hr	136	134.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 20, 2023 24:00	420011	1-hr	96	93.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 20, 2023 24:00	420012	1-hr	140	137.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 20, 2023 24:00	420015	1-hr	84	82.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 20, 2023 24:00	420016	1-hr	108	106.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 20, 2023 24:00	420017	1-hr	121	119.1	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 20, 2023 24:00	420020	1-hr	108	106.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 20, 2023 24:00	419747	1-hr	85	82.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 01:00	420077	1-hr	98	95.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 01:00	420021	1-hr	115	112.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 01:00	420007	1-hr	131	129.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 01:00	420011	1-hr	103	101.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 01:00	420012	1-hr	127	125.0	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 01:00	420015	1-hr	86	83.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 01:00	420016	1-hr	108	105.7	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 01:00	420017	1-hr	154	152.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 01:00	420020	1-hr	96	94.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 01:00	419797	1-hr	86	84.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 24:00	420077	24-hr	53	50.6	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 24:00	420021	24-hr	56	54.0	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 24:00	420007	24-hr	58	55.8	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 24:00	420011	24-hr	53	51.5	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 24:00	420012	24-hr	75	73.2	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 21, 2023 24:00	420018	24-hr	35	33.6	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 21, 2023 24:00	420019	24-hr	42	40.5	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 21, 2023 24:00	420020	24-hr	42	40.0	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 21, 2023 24:00	419797	24-hr	48	46.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 21, 2023 24:00	420013	24-hr	53	50.8	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 24:00	420014	24-hr	54	52.2	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 21, 2023 24:00	420015	24-hr	44	42.6	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 21, 2023 24:00	420016	24-hr	53	51.5	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 24:00	420017	24-hr	56	54.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 21, 2023 24:00	419798	24-hr	48	45.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 02:00	420077	1-hr	87	85.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 02:00	420021	1-hr	114	112.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 02:00	420007	1-hr	119	117.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 02:00	420011	1-hr	126	124.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 02:00	420012	1-hr	112	109.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 02:00	420014	1-hr	85	82.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 02:00	420015	1-hr	89	86.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 02:00	420016	1-hr	107	105.4	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 02:00	420017	1-hr	171	169.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 02:00	419798	1-hr	84	81.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 02:00	419797	1-hr	95	93.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 02:00	420020	1-hr	89	86.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 03:00	420077	1-hr	90	88.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 03:00	420021	1-hr	116	114.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 03:00	420007	1-hr	113	111.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 03:00	420011	1-hr	124	122.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 03:00	420012	1-hr	102	100.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 03:00	420014	1-hr	88	85.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 03:00	420015	1-hr	91	89.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 03:00	420016	1-hr	104	102.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 03:00	420017	1-hr	173	171.3	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 21, 2023 03:00	420019	1-hr	86	84.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 03:00	419798	1-hr	88	85.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 03:00	420020	1-hr	83	80.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 03:00	419797	1-hr	95	93.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 04:00	420077	1-hr	88	86.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 04:00	420021	1-hr	120	118.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 04:00	420007	1-hr	130	128.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 04:00	420011	1-hr	111	109.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 04:00	420012	1-hr	98	96.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 04:00	420013	1-hr	85	83.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 04:00	420014	1-hr	87	85.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 04:00	420015	1-hr	92	90.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 04:00	420016	1-hr	113	111.0	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 04:00	420017	1-hr	173	170.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 04:00	419798	1-hr	84	82.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 04:00	420020	1-hr	83	80.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 04:00	419797	1-hr	90	88.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 05:00	420077	1-hr	85	83.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 05:00	420021	1-hr	134	131.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 05:00	420007	1-hr	134	132.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 05:00	420011	1-hr	99	97.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 05:00	420012	1-hr	102	100.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 05:00	420013	1-hr	100	97.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 05:00	420014	1-hr	90	88.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 05:00	420015	1-hr	95	93.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 05:00	420016	1-hr	117	114.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 05:00	420017	1-hr	129	126.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 21, 2023 05:00	420019	1-hr	85	82.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 05:00	419798	1-hr	84	82.4	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 05:00	420020	1-hr	81	78.8	nae
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 05:00	419797	1-hr	88	86.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 06:00	420077	1-hr	105	103.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 06:00	420021	1-hr	138	136.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 06:00	420007	1-hr	133	131.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 06:00	420011	1-hr	97	95.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 06:00	420012	1-hr	109	106.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 06:00	420013	1-hr	119	116.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 06:00	420014	1-hr	94	92.6	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 06:00	420015	1-hr	107	105.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 06:00	420016	1-hr	127	124.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 21, 2023 06:00	420017	1-hr	109	107.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 21, 2023 06:00	420019	1-hr	84	82.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 06:00	419798	1-hr	89	86.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 06:00	419797	1-hr	93	91.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 07:00	420077	1-hr	123	120.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 07:00	420021	1-hr	132	129.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 07:00	420007	1-hr	123	120.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 07:00	420011	1-hr	93	91.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 07:00	420012	1-hr	120	118.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 07:00	420013	1-hr	131	129.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 07:00	420014	1-hr	128	125.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 07:00	420015	1-hr	115	112.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 07:00	420016	1-hr	130	128.6	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 21, 2023 07:00	420018	1-hr	93	91.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 07:00	419798	1-hr	98	96.6	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 07:00	420020	1-hr	93	91.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 07:00	419797	1-hr	96	93.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 08:00	420077	1-hr	124	121.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 08:00	420021	1-hr	119	116.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 08:00	420007	1-hr	112	110.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 08:00	420011	1-hr	92	89.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 08:00	420012	1-hr	124	121.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 08:00	420013	1-hr	125	122.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 08:00	420014	1-hr	124	121.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 21, 2023 08:00	420015	1-hr	107	104.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 08:00	420016	1-hr	110	108.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 08:00	419798	1-hr	106	104.2	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 21, 2023 08:00	420020	1-hr	96	93.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 08:00	419797	1-hr	97	94.8	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 09:00	420077	1-hr	112	109.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 21, 2023 09:00	420021	1-hr	89	86.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 21, 2023 09:00	420007	1-hr	83	81.1	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 09:00	420011	1-hr	84	82.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 09:00	420012	1-hr	131	129.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 09:00	420013	1-hr	107	105.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 09:00	420014	1-hr	114	112.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 21, 2023 09:00	420016	1-hr	105	103.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 09:00	419798	1-hr	109	106.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 09:00	419797	1-hr	99	96.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 21, 2023 10:00	420077	1-hr	83	81.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 21, 2023 10:00	420011	1-hr	81	78.9	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 10:00	420012	1-hr	151	149.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 21, 2023 10:00	420013	1-hr	81	78.7	nae
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 21, 2023 10:00	420014	1-hr	89	87.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 21, 2023 10:00	419798	1-hr	87	84.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 21, 2023 10:00	419797	1-hr	82	80.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 11:00	420012	1-hr	145	142.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 21, 2023 12:00	420012	1-hr	95	93.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 23, 2023 08:00	419902	1-hr	190	187.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 24, 2023 24:00	420012	24-hr	44	42.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 24, 2023 21:00	420012	1-hr	80	78.6	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 24, 2023 22:00	420012	1-hr	86	84.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 24, 2023 23:00	420012	1-hr	103	101.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 24, 2023 24:00	420012	1-hr	106	104.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 01:00	420257	1-hr	257	255.6	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 24:00	420258	24-hr	101	98.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 25, 2023 24:00	420259	24-hr	39	36.9	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 24:00	420257	24-hr	214	212.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 25, 2023 24:00	420260	24-hr	106	104.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 24:00	420261	24-hr	95	93.2	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 25, 2023 24:00	419958	24-hr	125	123.1	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 25, 2023 24:00	419959	24-hr	121	119.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 02:00	420257	1-hr	562	560.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 03:00	420257	1-hr	687	685.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 04:00	420257	1-hr	523	521.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 05:00	420257	1-hr	400	398.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 06:00	420257	1-hr	322	320.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 07:00	420257	1-hr	217	215.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 08:00	420257	1-hr	170	168.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 09:00	420257	1-hr	87	85.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 11:00	419959	1-hr	100	98.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 12:00	420258	1-hr	120	118.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 25, 2023 12:00	420259	1-hr	96	94.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 12:00	420260	1-hr	112	109.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 12:00	420261	1-hr	82	79.9	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 12:00	419958	1-hr	163	161.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 12:00	419959	1-hr	169	166.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 13:00	420258	1-hr	102	100.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 25, 2023 13:00	420259	1-hr	83	80.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 13:00	420260	1-hr	91	89.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 13:00	419958	1-hr	219	217.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 13:00	419959	1-hr	167	166.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 14:00	420258	1-hr	81	78.9	nae
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 14:00	420260	1-hr	95	93.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 14:00	419958	1-hr	219	216.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 14:00	419959	1-hr	176	174.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 15:00	420258	1-hr	109	107.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 15:00	420260	1-hr	104	102.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 15:00	420261	1-hr	90	88.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 15:00	419958	1-hr	186	183.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 15:00	419959	1-hr	177	175.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 16:00	420258	1-hr	105	102.9	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 16:00	420257	1-hr	88	86.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 16:00	420260	1-hr	92	90.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 16:00	420261	1-hr	93	90.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 16:00	419958	1-hr	167	164.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 16:00	419959	1-hr	163	161.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 17:00	420258	1-hr	139	136.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 17:00	420257	1-hr	93	91.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 17:00	420260	1-hr	136	133.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 17:00	420261	1-hr	121	119.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 17:00	419958	1-hr	158	156.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 17:00	419959	1-hr	143	141.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 18:00	420258	1-hr	116	114.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 25, 2023 18:00	420259	1-hr	88	85.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 18:00	420257	1-hr	91	89.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 18:00	420260	1-hr	113	110.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 18:00	420261	1-hr	131	129.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 18:00	419958	1-hr	178	176.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 18:00	419959	1-hr	161	159.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 19:00	420258	1-hr	165	163.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 25, 2023 19:00	420259	1-hr	85	82.8	exc
AAAQO	AMS05 Mannix	H2S	Sep 25, 2023 19:00	419922	1-hr	10	10.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 19:00	420257	1-hr	114	111.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 19:00	420260	1-hr	203	201.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 19:00	420261	1-hr	151	148.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 19:00	419958	1-hr	212	210.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 19:00	419959	1-hr	187	185.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 20:00	420258	1-hr	276	274.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 20:00	420257	1-hr	131	129.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 20:00	420260	1-hr	286	284.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 20:00	420261	1-hr	247	245.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 20:00	419958	1-hr	296	294.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 20:00	419959	1-hr	240	238.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 21:00	420258	1-hr	299	296.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 21:00	420257	1-hr	192	189.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 21:00	420260	1-hr	300	298.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 21:00	420261	1-hr	279	276.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 25, 2023 21:00	420262	1-hr	133	130.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 21:00	419958	1-hr	278	276.3	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 21:00	419959	1-hr	287	285.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 22:00	420258	1-hr	281	278.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 22:00	420257	1-hr	224	222.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 22:00	420260	1-hr	291	288.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 22:00	420261	1-hr	273	271.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 22:00	419958	1-hr	295	293.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 22:00	419959	1-hr	315	313.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 23:00	420258	1-hr	245	243.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 23:00	420257	1-hr	283	281.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 23:00	420260	1-hr	292	290.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 23:00	420261	1-hr	250	248.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 23:00	419958	1-hr	272	270.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 23:00	419959	1-hr	294	291.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 25, 2023 24:00	420258	1-hr	247	245.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 25, 2023 24:00	420257	1-hr	295	293.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 25, 2023 24:00	420260	1-hr	280	278.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 25, 2023 24:00	420261	1-hr	256	254.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 25, 2023 24:00	419958	1-hr	231	229.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 25, 2023 24:00	419959	1-hr	243	241.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 26, 2023 01:00	420258	1-hr	214	212.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 01:00	420257	1-hr	268	266.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 01:00	420260	1-hr	240	238.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 01:00	420261	1-hr	240	238.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 26, 2023 01:00	420008	1-hr	165	162.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 26, 2023 01:00	420010	1-hr	176	174.1	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 24:00	420261	24-hr	63	62.1	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 26, 2023 24:00	420008	24-hr	49	47.0	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 26, 2023 24:00	420010	24-hr	40	38.4	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 26, 2023 24:00	420258	24-hr	51	49.7	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 24:00	420257	24-hr	79	77.6	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 26, 2023 24:00	420260	24-hr	61	59.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 26, 2023 02:00	420258	1-hr	156	154.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 02:00	420257	1-hr	204	202.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 02:00	420260	1-hr	183	180.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 02:00	420261	1-hr	197	195.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 26, 2023 02:00	420008	1-hr	121	119.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 26, 2023 02:00	420010	1-hr	119	117.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 26, 2023 03:00	420258	1-hr	120	118.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 03:00	420257	1-hr	142	140.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 03:00	420260	1-hr	132	130.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 03:00	420261	1-hr	166	163.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 26, 2023 03:00	420008	1-hr	102	99.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 26, 2023 03:00	420010	1-hr	81	79.2	nae
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 26, 2023 04:00	420258	1-hr	88	86.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 04:00	420257	1-hr	143	141.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 04:00	420260	1-hr	100	97.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 04:00	420261	1-hr	135	133.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 26, 2023 04:00	420008	1-hr	96	93.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 05:00	420257	1-hr	115	113.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 05:00	420260	1-hr	88	86.5	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 05:00	420261	1-hr	101	99.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 06:00	420257	1-hr	110	108.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 26, 2023 06:00	420261	1-hr	82	79.8	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 26, 2023 07:00	420008	1-hr	84	82.2	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 26, 2023 09:00	420260	1-hr	80	78.4	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 26, 2023 23:00	420257	1-hr	80	78.6	nae
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 24:00	420258	24-hr	55	53.2	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 27, 2023 24:00	420260	24-hr	59	56.9	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 27, 2023 24:00	420261	24-hr	40	38.7	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 27, 2023 24:00	420263	24-hr	31	29.4	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 27, 2023 24:00	420079	24-hr	88	85.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 24:00	420257	24-hr	201	199.5	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 27, 2023 24:00	420080	24-hr	66	63.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 03:00	420257	1-hr	104	102.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 04:00	420257	1-hr	299	296.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 05:00	420080	1-hr	82	80.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 05:00	420257	1-hr	359	356.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 06:00	420079	1-hr	88	86.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 06:00	420257	1-hr	351	348.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 07:00	420257	1-hr	316	314.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 07:00	420079	1-hr	85	83.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 08:00	420257	1-hr	300	298.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 08:00	420079	1-hr	90	87.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 09:00	420257	1-hr	327	325.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 09:00	420079	1-hr	82	79.7	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 10:00	420257	1-hr	304	302.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 27, 2023 10:00	420263	1-hr	93	91.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 11:00	420257	1-hr	247	245.1	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 27, 2023 11:00	420263	1-hr	108	106.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 11:00	420079	1-hr	93	91.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 12:00	420257	1-hr	202	199.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 27, 2023 12:00	420263	1-hr	89	86.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 12:00	420079	1-hr	81	79.1	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 13:00	420257	1-hr	176	173.7	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 14:00	420257	1-hr	164	162.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 15:00	420257	1-hr	151	148.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 16:00	420257	1-hr	148	146.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 17:00	420257	1-hr	168	165.9	exc



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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 18:00	420257	1-hr	205	202.8	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 18:00	420079	1-hr	117	115.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 19:00	420258	1-hr	83	81.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 19:00	420257	1-hr	190	187.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 19:00	420260	1-hr	121	118.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 19:00	420079	1-hr	130	128.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 19:00	420080	1-hr	107	104.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 20:00	420258	1-hr	95	93.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 20:00	420257	1-hr	170	168.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 20:00	420260	1-hr	113	111.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 20:00	420079	1-hr	145	143.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 20:00	420080	1-hr	109	107.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 21:00	420258	1-hr	104	102.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 21:00	420257	1-hr	148	145.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 21:00	420260	1-hr	112	110.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 21:00	420079	1-hr	218	215.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 21:00	420080	1-hr	130	128.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 22:00	420258	1-hr	115	113.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 22:00	420257	1-hr	149	147.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 22:00	420260	1-hr	109	107.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 22:00	420079	1-hr	192	190.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 22:00	420080	1-hr	160	157.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 23:00	420258	1-hr	188	185.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 23:00	420257	1-hr	147	145.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 23:00	420260	1-hr	147	145.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 27, 2023 23:00	420261	1-hr	101	99.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 23:00	420079	1-hr	186	184.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 23:00	420080	1-hr	188	186.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 27, 2023 24:00	420258	1-hr	192	190.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 27, 2023 24:00	420257	1-hr	137	135.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 27, 2023 24:00	420260	1-hr	142	140.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 27, 2023 24:00	420261	1-hr	131	129.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 27, 2023 24:00	420079	1-hr	195	193.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 27, 2023 24:00	420080	1-hr	241	238.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 01:00	420258	1-hr	229	227.2	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 01:00	420259	1-hr	102	100.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 01:00	420257	1-hr	127	124.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 01:00	420260	1-hr	153	150.8	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 01:00	420261	1-hr	159	157.5	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 01:00	420136	1-hr	231	229.6	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 01:00	420137	1-hr	258	256.3	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 24:00	420258	24-hr	120	117.9	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 24:00	420259	24-hr	107	105.6	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 24:00	420264	24-hr	63	61.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 24:00	420265	24-hr	62	60.8	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 24:00	420257	24-hr	78	76.0	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 28, 2023 24:00	420260	24-hr	113	111.0	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 24:00	420261	24-hr	109	107.2	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 28, 2023 24:00	420262	24-hr	45	43.9	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 28, 2023 24:00	420263	24-hr	65	62.9	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 28, 2023 24:00	420136	24-hr	99	96.8	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 28, 2023 24:00	420266	24-hr	39	37.4	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 28, 2023 24:00	420137	24-hr	116	114.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 02:00	420258	1-hr	206	203.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 02:00	420259	1-hr	130	127.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 02:00	420257	1-hr	120	117.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 02:00	420260	1-hr	173	171.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 02:00	420261	1-hr	162	160.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 02:00	420136	1-hr	184	182.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 02:00	420137	1-hr	249	247.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 03:00	420258	1-hr	190	187.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 03:00	420259	1-hr	93	90.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 03:00	420257	1-hr	133	131.1	exc



Wood Buffalo Environmental Association
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Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 03:00	420260	1-hr	177	175.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 03:00	420136	1-hr	171	169.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 03:00	420137	1-hr	212	210.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 03:00	420261	1-hr	141	139.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 04:00	420258	1-hr	201	199.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 04:00	420257	1-hr	164	162.5	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 04:00	420260	1-hr	171	169.0	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 04:00	420261	1-hr	140	137.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 04:00	420136	1-hr	151	149.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 04:00	420137	1-hr	187	185.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 05:00	420258	1-hr	182	179.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 05:00	420257	1-hr	162	159.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 05:00	420260	1-hr	166	163.7	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 05:00	420261	1-hr	129	127.0	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 05:00	420136	1-hr	134	132.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 05:00	420137	1-hr	180	177.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 06:00	420258	1-hr	175	173.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 06:00	420259	1-hr	88	86.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 06:00	420257	1-hr	161	158.8	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 06:00	420260	1-hr	170	168.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 06:00	420261	1-hr	126	124.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 06:00	420136	1-hr	123	121.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 06:00	420137	1-hr	159	157.1	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 07:00	420258	1-hr	184	182.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 07:00	420259	1-hr	152	150.5	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 07:00	420257	1-hr	135	133.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 07:00	420260	1-hr	153	151.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 07:00	420261	1-hr	123	121.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 07:00	420136	1-hr	106	103.7	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 07:00	420137	1-hr	131	129.2	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 08:00	420258	1-hr	160	157.9	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 08:00	420259	1-hr	170	168.4	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 08:00	420257	1-hr	107	104.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 08:00	420260	1-hr	124	121.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 08:00	420261	1-hr	127	124.9	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 08:00	420263	1-hr	81	78.7	nae
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 08:00	420136	1-hr	85	82.9	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 08:00	420137	1-hr	114	112.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 09:00	420258	1-hr	114	112.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 09:00	420259	1-hr	168	165.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Sep 28, 2023 09:00	420257	1-hr	92	89.6	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 09:00	420260	1-hr	103	101.1	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 09:00	420261	1-hr	135	133.6	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 09:00	420263	1-hr	119	117.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 09:00	420137	1-hr	91	89.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 09:00	420136	1-hr	83	81.0	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 10:00	420258	1-hr	96	94.3	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 10:00	420259	1-hr	152	149.9	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 10:00	420264	1-hr	102	100.4	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 10:00	420260	1-hr	96	94.3	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 10:00	420261	1-hr	101	99.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 10:00	420263	1-hr	125	123.5	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 10:00	420137	1-hr	94	92.4	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 10:00	420136	1-hr	89	86.7	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 11:00	420258	1-hr	99	97.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 11:00	420259	1-hr	123	121.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 11:00	420264	1-hr	131	128.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 11:00	420260	1-hr	100	97.9	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 11:00	420261	1-hr	107	105.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 11:00	420263	1-hr	114	112.4	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 11:00	420137	1-hr	98	96.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 11:00	420136	1-hr	90	87.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 12:00	420258	1-hr	97	95.5	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 12:00	420259	1-hr	111	108.8	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 12:00	420264	1-hr	145	143.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 12:00	420265	1-hr	126	124.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 12:00	420260	1-hr	97	95.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 12:00	420261	1-hr	106	104.3	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 12:00	420263	1-hr	103	101.1	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 12:00	420137	1-hr	101	98.9	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 12:00	420136	1-hr	89	87.6	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 13:00	420258	1-hr	99	96.8	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 13:00	420259	1-hr	108	106.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 13:00	420264	1-hr	122	120.3	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 13:00	420265	1-hr	140	138.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 13:00	420260	1-hr	97	95.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 13:00	420261	1-hr	105	103.2	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 13:00	420263	1-hr	110	108.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 13:00	420137	1-hr	95	92.8	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 14:00	420258	1-hr	84	81.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 14:00	420259	1-hr	108	106.0	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 14:00	420264	1-hr	105	103.6	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 14:00	420265	1-hr	127	125.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 14:00	420260	1-hr	87	85.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 14:00	420261	1-hr	96	94.2	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 14:00	420262	1-hr	101	99.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 14:00	420263	1-hr	101	98.7	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 15:00	420259	1-hr	103	101.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 15:00	420264	1-hr	91	89.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 15:00	420265	1-hr	112	109.8	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 15:00	420262	1-hr	131	128.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 15:00	420263	1-hr	85	83.5	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 16:00	420259	1-hr	87	84.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 16:00	420264	1-hr	87	85.4	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 16:00	420265	1-hr	92	89.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 16:00	420262	1-hr	125	123.3	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 28, 2023 16:00	420266	1-hr	101	98.7	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 17:00	420264	1-hr	80	78.5	nae
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 17:00	420265	1-hr	89	86.9	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 17:00	420260	1-hr	86	84.1	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 17:00	420262	1-hr	108	106.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 17:00	420136	1-hr	112	110.5	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 28, 2023 17:00	420266	1-hr	110	108.4	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 18:00	420258	1-hr	106	104.5	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 18:00	420265	1-hr	89	86.7	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 18:00	420260	1-hr	125	123.2	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 18:00	420261	1-hr	102	99.7	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 18:00	420262	1-hr	102	100.3	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 18:00	420136	1-hr	136	133.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 28, 2023 18:00	420266	1-hr	102	100.2	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 18:00	420137	1-hr	127	125.3	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 19:00	420258	1-hr	138	136.6	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 19:00	420259	1-hr	122	120.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 19:00	420260	1-hr	150	148.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 19:00	420261	1-hr	151	148.9	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 28, 2023 19:00	420262	1-hr	86	84.6	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 19:00	420136	1-hr	129	126.9	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 28, 2023 19:00	420266	1-hr	98	96.0	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 19:00	420137	1-hr	122	119.9	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 20:00	420258	1-hr	138	136.1	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 20:00	420259	1-hr	144	142.1	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 20:00	420260	1-hr	155	153.4	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 20:00	420261	1-hr	152	149.7	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 28, 2023 20:00	420267	1-hr	103	101.2	exc
AAAQG	AMS23 Fort Hills	PM2.5	Sep 28, 2023 20:00	420136	1-hr	124	121.7	exc
AAAQG	AMS29 Surmont 2	PM2.5	Sep 28, 2023 20:00	420266	1-hr	88	86.0	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 20:00	420137	1-hr	129	127.5	exc
AAAQG	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 28, 2023 21:00	420258	1-hr	109	107.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 21:00	420259	1-hr	159	157.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 21:00	420264	1-hr	96	94.0	exc
AAAQG	AMS09 Barge Landing	PM2.5	Sep 28, 2023 21:00	420260	1-hr	111	109.6	exc
AAAQG	AMS13 Fort McKay South	PM2.5	Sep 28, 2023 21:00	420261	1-hr	134	132.4	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 21:00	420263	1-hr	137	135.2	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 28, 2023 21:00	420267	1-hr	104	101.8	exc
AAAQG	AMS30 Ells River	PM2.5	Sep 28, 2023 21:00	420137	1-hr	103	101.0	exc
AAAQG	AMS04 Buffalo Viewpoint	PM2.5	Sep 28, 2023 22:00	420259	1-hr	132	130.5	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 22:00	420264	1-hr	120	117.7	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 22:00	420265	1-hr	127	124.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 28, 2023 22:00	420263	1-hr	91	88.8	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 28, 2023 22:00	420268	1-hr	96	94.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 28, 2023 22:00	420269	1-hr	99	97.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 28, 2023 22:00	420267	1-hr	105	103.2	exc
AAAQG	AMS06 Patricia McInnes	PM2.5	Sep 28, 2023 23:00	420264	1-hr	115	113.0	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 23:00	420265	1-hr	148	145.9	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 28, 2023 23:00	420268	1-hr	112	110.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 28, 2023 23:00	420269	1-hr	107	105.5	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 28, 2023 23:00	420267	1-hr	85	83.2	exc
AAAQG	AMS07 Athabasca Valley	PM2.5	Sep 28, 2023 24:00	420265	1-hr	99	97.5	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 28, 2023 24:00	420268	1-hr	106	104.5	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 28, 2023 24:00	420269	1-hr	103	100.8	exc
AAAQG	AMS22 Janvier	PM2.5	Sep 28, 2023 24:00	420267	1-hr	82	80.2	exc
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 29, 2023 01:00	420268	1-hr	92	90.4	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 29, 2023 01:00	420269	1-hr	92	90.1	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 29, 2023 24:00	420258	24-hr	35	33.6	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Sep 29, 2023 24:00	420257	24-hr	36	33.8	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 29, 2023 24:00	420260	24-hr	39	37.4	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 29, 2023 24:00	420261	24-hr	38	36.3	exc
AAAQO	AMS29 Surmont 2	PM2.5	Sep 29, 2023 24:00	420266	24-hr	32	30.1	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 29, 2023 24:00	420259	24-hr	48	45.7	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 29, 2023 24:00	420264	24-hr	34	32.3	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 29, 2023 24:00	420265	24-hr	45	43.6	exc
AAAQO	AMS14 Anzac	PM2.5	Sep 29, 2023 24:00	420262	24-hr	39	37.3	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 29, 2023 24:00	420263	24-hr	42	40.4	exc
AAAQO	AMS18 Stony Mountain	PM2.5	Sep 29, 2023 24:00	420268	24-hr	38	35.7	exc
AAAQO	AMS21 Conklin	PM2.5	Sep 29, 2023 24:00	420269	24-hr	37	35.3	exc
AAAQO	AMS22 Janvier	PM2.5	Sep 29, 2023 24:00	420267	24-hr	34	32.3	exc
AAAQO	AMS23 Fort Hills	PM2.5	Sep 29, 2023 24:00	420181	24-hr	39	37.2	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 29, 2023 24:00	420182	24-hr	36	34.3	exc
AAAQG	AMS14 Anzac	PM2.5	Sep 29, 2023 02:00	420262	1-hr	81	78.7	nae
AAAQG	AMS18 Stony Mountain	PM2.5	Sep 29, 2023 02:00	420268	1-hr	85	83.2	exc
AAAQG	AMS21 Conklin	PM2.5	Sep 29, 2023 02:00	420269	1-hr	83	80.8	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 29, 2023 07:00	420263	1-hr	86	84.0	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 29, 2023 08:00	420263	1-hr	98	95.7	exc
AAAQG	AMS17 Wapasu	PM2.5	Sep 29, 2023 09:00	420263	1-hr	85	82.8	exc
AAAQO	AMS06 Patricia McInnes	PM2.5	Sep 30, 2023 24:00	420264	24-hr	34	32.2	exc
AAAQO	AMS07 Athabasca Valley	PM2.5	Sep 30, 2023 24:00	420265	24-hr	41	39.2	exc
AAAQO	AMS17 Wapasu	PM2.5	Sep 30, 2023 24:00	420263	24-hr	30	28.3	nae
AAAQO	AMS23 Fort Hills	PM2.5	Sep 30, 2023 24:00	420199	24-hr	35	33.6	exc
AAAQO	AMS30 Ells River	PM2.5	Sep 30, 2023 24:00	420200	24-hr	31	29.5	exc
AAAQO	AMS01 Bertha Ganter - Fort McKay	PM2.5	Sep 30, 2023 24:00	420258	24-hr	36	34.4	exc
AAAQO	AMS04 Buffalo Viewpoint	PM2.5	Sep 30, 2023 24:00	420259	24-hr	43	40.7	exc
AAAQO	AMS09 Barge Landing	PM2.5	Sep 30, 2023 24:00	420260	24-hr	43	41.3	exc
AAAQO	AMS13 Fort McKay South	PM2.5	Sep 30, 2023 24:00	420261	24-hr	32	30.4	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 24:00	420578	24-hr	72	69.8	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 08:00	420578	1-hr	80	78.6	nae
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 09:00	420578	1-hr	152	150.6	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 10:00	420578	1-hr	187	185.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 11:00	420578	1-hr	180	178.2	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 12:00	420578	1-hr	104	102.2	exc



Wood Buffalo Environmental Association
Air Quality Events List 2023

Type	Site	Parameter	Date/Time	Reference	Period	Reported	Final	status
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 3, 2023 13:00	420578	1-hr	89	86.8	exc
AAAQO	AMS11 Lower Camp	H2S	Oct 3, 2023 18:00	420309	1-hr	19	19.5	exc
AAAQO	AMS11 Lower Camp	H2S	Oct 3, 2023 19:00	420311	1-hr	18	18.3	exc
AAAQO	AMS11 Lower Camp	H2S	Oct 3, 2023 21:00	420311	1-hr	17	17.3	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 24:00	420578	24-hr	56	54.1	exc
AAAQO	AMS501 Leismer	H2S	Oct 4, 2023 24:00	420364	24-hr	4	4.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 09:00	420578	1-hr	98	96.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 10:00	420578	1-hr	100	98.0	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 11:00	420578	1-hr	99	97.3	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 12:00	420578	1-hr	143	140.9	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 4, 2023 13:00	420578	1-hr	190	187.8	exc
AAAQO	AMS21 Conklin	PM2.5	Oct 7, 2023 24:00	420579	24-hr	31	29.9	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 7, 2023 20:00	420579	1-hr	164	162.3	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 7, 2023 21:00	420579	1-hr	195	192.9	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 8, 2023 19:00	420579	1-hr	146	143.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Oct 15, 2023 20:00	420797	1-hr	85	83.1	exc
AAAQO	AMS08 Fort Chipewyan	PM2.5	Oct 16, 2023 24:00	421150	24-hr	40	38.1	exc
AAAQG	AMS08 Fort Chipewyan	PM2.5	Oct 16, 2023 09:00	421150	1-hr	85	83.0	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 16, 2023 18:00	421151	1-hr	125	122.7	exc
AAAQG	AMS23 Fort Hills	PM2.5	Oct 16, 2023 20:00	420850	1-hr	88	86.1	exc
AAAQG	AMS23 Fort Hills	PM2.5	Oct 17, 2023 01:00	420897	1-hr	124	122.2	exc
AAAQO	AMS05 Mannix	H2S	Oct 17, 2023 05:00	420846	1-hr	10	9.9	nae
AAAQG	AMS21 Conklin	PM2.5	Oct 29, 2023 21:00	421428	1-hr	83	81.0	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 29, 2023 22:00	421428	1-hr	116	114.1	exc
AAAQG	AMS21 Conklin	PM2.5	Oct 30, 2023 03:00	421440	1-hr	90	88.1	exc
AAAQO	AMS11 Lower Camp	H2S	Nov 7, 2023 24:00	421727	24-hr	3	3.3	exc
AAAQO	AMS11 Lower Camp	H2S	Nov 7, 2023 19:00	421724	1-hr	10	9.3	nae
AAAQO	AMS11 Lower Camp	H2S	Nov 7, 2023 20:00	421725	1-hr	23	22.8	exc
AAAQO	AMS11 Lower Camp	H2S	Nov 9, 2023 07:00	421782	1-hr	10	9.5	nae
AAAQO	AMS11 Lower Camp	H2S	Nov 14, 2023 08:00	421919	1-hr	17	16.3	exc
AAAQO	AMS11 Lower Camp	H2S	Nov 14, 2023 19:00	421919	1-hr	13	12.7	exc
AAAQO	AMS11 Lower Camp	H2S	Nov 15, 2023 17:00	422000	1-hr	30	29.8	exc
AAAQO	AMS02 Mildred Lake	H2S	Nov 19, 2023 05:00	422156	1-hr	12	12.3	exc
AAAQO	AMS02 Mildred Lake	H2S	Nov 19, 2023 06:00	422158	1-hr	10	9.6	nae
AAAQO	AMS04 Buffalo Viewpoint	H2S	Nov 26, 2023 07:00	422396	1-hr	12	11.8	exc
AAAQO	AMS05 Mannix	H2S	Dec 3, 2023 17:00	422676	1-hr	13	12.9	exc
AAAQO	AMS11 Lower Camp	H2S	Dec 6, 2023 24:00	422809	24-hr	5	3.9	exc
AAAQO	AMS11 Lower Camp	H2S	Dec 6, 2023 17:00	422805	1-hr	28	27.2	exc
AAAQO	AMS11 Lower Camp	H2S	Dec 6, 2023 18:00	422806	1-hr	36	35.8	exc
AAAQO	AMS02 Mildred Lake	H2S	Dec 12, 2023 24:00	422983	1-hr	12	11.6	exc
AAAQO	AMS02 Mildred Lake	H2S	Dec 13, 2023 12:00	423004	1-hr	10	9.7	nae
AAAQO	AMS11 Lower Camp	H2S	Dec 14, 2023 24:00	423062	24-hr	3	2.4	nae
AAAQO	AMS11 Lower Camp	H2S	Dec 14, 2023 15:00	423056	1-hr	16	15.1	exc
AAAQO	AMS11 Lower Camp	H2S	Dec 14, 2023 16:00	423056	1-hr	10	9.8	nae
AAAQO	AMS11 Lower Camp	H2S	Dec 15, 2023 18:00	423090	1-hr	10	8.8	nae
AAAQO	AMS02 Mildred Lake	H2S	Dec 17, 2023 24:00	423118	24-hr	3	3.2	exc
AAAQO	AMS02 Mildred Lake	H2S	Dec 17, 2023 19:00	423115	1-hr	11	10.8	exc
AAAQO	AMS02 Mildred Lake	H2S	Dec 17, 2023 23:00	423118	1-hr	10	9.7	nae
AAAQO	AMS02 Mildred Lake	H2S	Dec 17, 2023 24:00	423118	1-hr	11	10.5	exc
AAAQO	AMS05 Mannix	SO2	Dec 19, 2023 04:00	423163	1-hr	425	424.1	exc
AAAQO	AMS05 Mannix	SO2	Dec 19, 2023 05:00	423164	1-hr	249	248.5	exc
AAAQO	AMS11 Lower Camp	H2S	Dec 21, 2023 09:00	423250	1-hr	11	11.4	exc
AAAQO	AMS02 Mildred Lake	H2S	Dec 24, 2023 15:00	423340	1-hr	10	10.0	nae
AAAQO	AMS02 Mildred Lake	H2S	Dec 24, 2023 20:00	423340	1-hr	13	13.2	exc



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

**APPENDIX II:
SUMMARY OF MONTHLY OPERATIONAL
TIMES BELOW 90 PERCENT
AND NON-COMPLIANCES
2023**

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
January	24-Jan-23	408976	Bertha Ganter - Fort McKay	The ammonia analyzer at Bertha Ganter-Fort McKay operated less than 90% of January 2023 due to the January routine calibration not meeting the AMD criteria.	On January 12, the as-found span and the multi-point verification response of the ammonia analyzer were within 10%, however, the analyzer calibration did not meet the AMD criteria for stable response, Chapter 7, Clause Cal 5-A (aa), and the WBEA's internal acceptance criteria. All daily zero spans had been within criteria since the previous monthly calibration in December 2022. On January 13, the WBEA performed on-site maintenance including ammonia converter, pump, charcoal pack, and calibration gas replacement, however, the analyzer did not return to normal operation and was removed from service for additional investigation and repair on January 16. Data from January 12-26 was invalidated for a total of 327 hours.	The WBEA continued repair efforts in the shop to both this analyzer, as well as the spare, which was being repaired at the time of this incident. The WBEA determined that repairs of both out of service API T201 ammonia analyzers would require significant time, therefore, to minimize the disruption in ammonia monitoring, an API 201E ammonia analyzer was deployed, and passed calibration, on January 26.
January	24-Jan-23	409004	Fort Chipewyan	The wind speed (WS) and wind direction (WD) at the Fort Chipewyan AMS operated less than 90% of January 2023 due to ice fog events.	In January 2023, a flat-line period in the WS/WD sensors' output signal occurred. Ice fog interfering with the sonic sensors is considered to be the most likely cause and the sensor operation returned to normal when weather conditions changed. Data from this event was invalidated for a total of 178 hours.	NA
January & February	1-Feb-23 and 3-Feb-23	409189; 409260	Waskōw ohci Pimâtiwin	All air monitoring analyzers and sensors, which includes SO ₂ , H ₂ S, and meteorological parameters, at the Waskōw ohci Pimâtiwin air monitoring station (AMS) operated less than 90% for the month of January 2023 due to station power outage.	On January 27, power to the Waskōw ohci Pimâtiwin AMS was disconnected by the electricity service provider due to a misunderstanding in the transfer of station ownership between two other parties. At that time, the error was addressed, and the station owner indicated the service provider would restore power when their schedule permitted. On March 15, the WBEA was notified that power was restored and proceeded to complete all necessary instrument maintenance and calibrations to return the station to normal operation. Subsequent data observation confirmed that the station resumed normal operation on March 16.	Outside of WBEA mandate.
January	16-Feb-23	409684	Janvier	The TRS analyzer at the Janvier air monitoring station operated less than 90% for the month of January 2023 due to TRS converter failure.	On January 17, the internal station temperature dropped below the range required for adequate operation of the air quality analyzers. On January 18, the WBEA completed the daily system check and noted the drop in temperature and that the TRS daily span had not initiated. The WBEA then visited site to complete an on-site inspection and discovered the station door was detached, therefore, all instruments were shut down to prevent damage. On January 19, the WBEA repaired the broken station door and powered on the instruments. At that time, it was noted that the TRS converter had failed. On January 20, the converter was replaced, and the analyzer was calibrated and returned to normal operation at 17:00MST. Data from this incident was invalidated for a total of 81 hours, resulting in an operational time of 89% for the month of January 2023.	The TRS converter was replaced.
January	22-Feb-23	409814	Lower Camp Met Tower	The 163-meter elevation WS/WD/VWS at Lower Camp Met Tower operated less than 90% of January 2023 due to ice fog events.	In February 2023, intermittent flat-line periods in the WS/WD/VWS sensors' output signal occurred. Ice fog interfering with the sonic sensors is considered to be the most likely cause and the sensor operation returned to normal once weather conditions changed. Also, intermittent periods of data acquisition system failure, due to a faulty sensor at a different elevation, resulted in additional downtime. The faulty sensor was replaced, and the communication issue was resolved. Data from both events were invalidated for a total of 87 hours, resulting in a monthly operational time of 88% for January 2023.	NA
January	22-Feb-23	409823	Mannix	The 90-meter elevation WS/WD/VWS at Mannix Met Tower operated less than 90% of January 2023 due to ice fog events.	In January 2023, intermittent flat-line periods in the WS/WD/VWS sensors' output signal occurred. Ice fog interfering with the sonic sensors is considered to be the most likely cause and the sensor operation returned to normal once weather conditions changed. Data from these events were invalidated for a total of 82 hours, resulting in a monthly operational time of 89% for January 2023.	NA
February	27-Feb-23	409974	Ells River	The THC, NMHC, and CH ₄ analyzer at the Ells River AMS operated for less than 90% of February 2023 due to chromatogram windows misalignment.	This instrument is a semi-continuous gas chromatograph that requires the CH ₄ and NMHC peaks to remain within the data capture windows. In early February, these peaks shifted outside of the optimal data capture windows, and as a result, the baseline shifted outside of the normal range. The WBEA performed maintenance to rectify the issue, including a column bakeout to remove impurities, however, the analyzer did not return to normal operation. The analyzer was replaced, and normal operation resumed on February 12, 2023. Data for the incident period was invalidated for a total of 90 hours of downtime.	Analyzer replaced.

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
February	27-Mar-23	411023	Bertha Ganter - Fort McKay	The precipitation collector at the Bertha Ganter – Fort McKay air monitoring station (AMS) operated for less than 90% of February 2023 due to communication failure.	On February 23, a WBEA Field Technician identified that the data transfer program had stopped writing files to the data logger on February 20. The data logger was reset, and data transfer resumed on February 23 at 10:00 MST. Data for the incident period of February 20 through 23 was invalidated, resulting in a total of 82 hours of downtime.	Datalogger was reset.
March	23-Mar-23	410890	Waskōw ohci Pimâtisiwin	All air monitoring analyzers and sensors, which includes SO ₂ , H ₂ S, and meteorological parameters, at the Waskōw ohci Pimâtisiwin air monitoring station (AMS) operated less than 90% for the month of January 2023 due to station power outage.	All air monitoring analyzers and sensors, which includes SO ₂ , H ₂ S, and meteorological parameters, at the Waskōw ohci Pimâtisiwin air monitoring station (AMS) operated less than 90% for the month of January 2023 due to station power outage.	Power restored.
March	29-Mar-23	411093	Lower Camp Met Tower	The relative humidity (RH) and ambient temperature (AT) sensor at the 20-meter elevation at Lower Camp Met Tower operated less than 90% of March 2023 due to data acquisition failure.	On March 3, the WBEA determined the RH/AT sensor was causing communication issues for other sensors on the met tower, therefore, the sensor was disabled to avoid additional data loss. Historically, the WBEA is reliant on a third party to climb the tower and replace these sensors, however, to reduce downtime and improve efficiency, the WBEA elected to train internal resources to complete the work. The sensor was replaced, and returned to normal operation, on March 31.	Sensor was replaced on March 31.
March	30-Mar-23	411152	Barge Landing	The THC, NMHC, and CH ₄ analyzer at the Barge Landing AMS operated for less than 90% of March 2023 due to a shift in the data capture windows.	This instrument is a semi-continuous gas chromatograph that requires the CH ₄ and NMHC peaks to remain within the data capture windows. In early March, these peaks shifted outside of the optimal data capture windows and as a result, the baseline shifted outside of the normal range. Throughout March, the WBEA performed multiple maintenance activities, including two adjustments of the optimal data capture window, replacement of the actuator and pump, and associated as founds and calibrations. Ultimately, the analyzer was replaced, and normal operation resumed, on March 28, 2023. Data throughout March, associated with the event and maintenance activities, were invalidated for a total of 204 hours of downtime, resulting in an operational time of 72%.	The analyzer was replaced on March 28.
February to May	10-May-23	412838	Firebag	The WS/WD sensor at the Firebag AMS operated less than 90% for the month of February 2023 through to the month of May 2023 due to the misalignment of the tower	On May 2, during the daily system check the WBEA noted the WS/WD was not comparing well with nearby sites. A physical inspection of the WS/WD sensor tower by the WBEA found one set of bolts which secure the tower to the station were missing, resulting in the misalignment of the tower orientation. The WBEA rectified the issue by replacing the missing bolts and ensuring the tower was in proper alignment. The subsequent data review determined that data collected from February 25 to May 4, 2023, was invalid.	The tower was aligned and secured with extra set of bolts.
May	29-Jun-23	415635	Bertha Ganter - Fort McKay	The PM _{2.5} analyzer at Bertha Ganter – Fort McKay AMS operated less than 90% for May 2023, due to two different incidents.	A routine data review in mid-May identified a significant drop in the PM _{2.5} baseline, prompting a site visit which determined the PM _{2.5} analyzer was unresponsive, therefore, it was replaced. A subsequent routine data review in late May identified issues with the comparability of the PM _{2.5} data with nearby sites, prompting an additional site visit. Following routine field checks, there were indications that the chamber of the PM _{2.5} analyzer required cleaning, therefore, a replacement was installed, and the non-operational analyzer was taken back to the WBEA center for additional maintenance. Notably, both of these incidents coincided with periods of intense smoke events, and there is a possibility that the PM _{2.5} sample filter and chamber may have become overloaded as a result. The monthly data validation process confirmed unstable operations of the PM _{2.5} analyzer throughout May for a total of 180 invalid hours. Any exceedance of the Alberta Ambient Air Quality Guidelines or Objectives that had occurred during periods of invalid data were rescinded.	The analyzer was replaced and brought back to the WBEA center for maintenance.

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
June	05-Jul-23	415923	Bertha Ganter - Fort McKay	The NO2 analyzer at Bertha Ganter – Fort McKay AMS operated less than 90% of June 2023, due to two different incidents.	Two issues affected the normal operation of the NO2 analyzer, resulting in 88 hours of invalid data in June 2023. Details of the issues and mitigations are as follows: 1. On June 16, the station experienced a power outage which resulted in 6 hours of invalid data of the NO2 analyzer. 2. On June 18, the daily QA check failed to meet the AMD operational criteria. The WBEA determined it was due to a degrading sample pump and conducted maintenance to replace the sample pump the following day. After maintenance, the analyzer was left to stabilize overnight, and a multi-point calibration was conducted on June 20. Data was invalidated to the last acceptable span, on June 17, resulting in 82 hours of downtime.	Maintenance was completed to replace the sample pump on June 19.
June	05-Jul-23	415924	Bertha Ganter - Fort McKay	The ambient temperature sensor at the 10-meter elevation (AT10) at Bertha Ganter – Fort McKay AMS operated less than 90% of June 2023, due to intermittent flatline signals.	The AT10 sensor signal flatlined intermittently throughout the month of June. On June 26, the WBEA replaced the sensor, verified its performance, and resolved the issue. The unstable operations throughout June resulted in 81 hours of invalid data.	The Ambient Temperature sensor was replaced on June 26.
June	07-Jul-23	416058	Mildred Lake	The relative humidity (RH) sensor at the Mildred Lake air monitoring station (AMS) operated less than 90% of June 2023, due to sensor operating out-of-range.	During the monthly data validation process, the WBEA identified that the RH sensor data had been intermittently outside of the optimal range throughout the month of June due to high-humidity weather conditions. To mitigate the issue a new sensor was installed on July 12. A total of 88 hours of RH data were invalidated for the month of June	The relative humidity sensor was replaced on July 12.
June	10-Jul-23	416167	Christina Lake	The wind speed and wind direction sensor at Christina Lake AMS operated less than 90% of June 2023, due to two different incidents.	During the daily system check on June 15, the WBEA identified a communication issue with the WS/WD sensor and initiated a site visit that day. The WBEA determined the sensor had been damaged during recent storm activity and replaced the sensor. During the daily system check on June 30, the WBEA identified the wind direction was not comparing well with nearby sites and initiated a site visit that day. The WBEA determined a base screw had not been tightened fully during installation resulting in a gradual misalignment of the sensor. During the monthly data validation process, 367 hours of data were invalidated for the month of June due to these incidents.	The wind sensor was replaced on June 15 to rectify the moisture damage. The cross-arm and the wind sensor's were properly secured and realigned on June 30 to address the misalignment issue.
June	11-Jul-23	416241	Surmont 2	The relative humidity (RH) sensor at the Surmont 2 air monitoring station (AMS) operated less than 90% of June 2023, due to two different issues.	During the daily system check on June 20, the WBEA identified that the RH sensor data was outside of the optimal range and subsequently replaced the sensor on June 21. The WBEA monitored the operation of the replacement sensor throughout the following few days and noted it was experiencing intermittent communication issues. The WBEA replaced the sensor again on June 26, and normal operation resumed. During the monthly data validation process a total of 151 hours of RH data were invalidated for the month of June due to these incidents.	The relative humidity sensor was replaced twice, June 21 and 26.
June	14-Jul-23	416365	Patricia McInnes	The PM2.5 analyzer at Patricia McInnes operated less than 90% of June 2023 due to a clogged filter.	On June 28, the WBEA's diagnostic program alerted staff of an issue with the analyzer flow. The WBEA visited the site that day to troubleshoot and determined the filter was clogged, potentially due to extreme smoke events throughout the month. The filter was replaced and normal operations resumed on June 28. During the monthly data validation process, the WBEA identified when the analyzer began to deviate from optimal performance and invalidated 139 hours of data due to this incident.	The analyzer filter was replaced.
June	17-Jul-23	416509	Firebag	The relative humidity (RH) sensor at the Firebag air monitoring station (AMS) operated less than 90% of June 2023 due to sensor operating outside of the optimal range.	During daily system checks, the WBEA identified that the RH sensor data was operating outside of the optimal range, due to high-humidity weather conditions. To ensure optimal performance after multiple instances of over-ranging the sensor was replaced on June 20. During the monthly data validation process, a total of 94 hours of RH data were invalidated for the month of June.	The relative humidity sensor was replaced on June 20.

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
July	17-Aug-23	417942	Ells River	The THC/NMHC/CH4 analyzer Ells River operated less than 90% of July due to a pump failure and baseline drift.	During the daily system check on July 19, the WBEA identified the analyzer baseline was slowly drifting below the expected response of atmospheric background levels, which is 1.8 ppm. A site investigation was conducted to identify the source of the issues, and it was found that the sample pump was failing. On July 21, the sample pump was replaced, and the baseline response returned to expected levels. The monthly data validation process determined that the sample pump performance began to affect the analyzer baseline on July 9, 2023, through a comparison of concentrations with nearby stations. As a result, data was invalidated for a total of 292 hours, resulting in an operational time of 60% for the month of July.	The sample pump was replaced on Jul 21, and the baseline returned to normal ambient level readings.
July -Aug	17-Aug-23	417947	Lower Camp	The wind speed and wind direction sensor at Lower Camp operated less than 90% of July and August due to a misalignment on the sensor	During the daily system check on August 16, the WBEA identified the wind direction was not comparing well with nearby sites and initiated a site visit that day. The WBEA determined that the sensor had been out of alignment since the previous calibration on July 21. The sensor was aligned and secured properly and the issue was rectified. During the monthly data validation process, 246 hours and 369 hours of data were invalidated for the months of July and August, respectively, due to this incident.	The sensor was aligned and secured properly on August 16.
August	07-Sep-23	419001	Sawbones Bay	The relative humidity sensor at Sawbones Bay Air operated less than 90% of August 2023 due to sensor operating outside of the optimal range.	During routine daily system checks, it was identified that the RH measurements were over-ranging periodically, with the output signal of the sensor displaying values beyond 100%. The relative humidity sensor data was invalidated during periods of time when measurements were found to be inconsistent with other comparable RH sensors in the WBEA ambient network. Therefore, RH data at Sawbones Bay AMS has been invalidated for 104 hours in August. The relative humidity sensor was replaced on August 30, with normal operations resuming at 10:00 MST.	The relative humidity sensor was replaced on August 30.
August	22-Sep-23	419808	Athabasca Valley	The barometric pressure sensor at Athabasca Valley operated less than 90% of August due to a flatline signal.	On August 28, following a station power outage, the BP sensor signal flatlined. The WBEA reset the sensor, verified its performance, and resolved the issue on September 1, 2023. The unstable operations due to flatlined signal in August resulted in 90 hours of invalid data.	The WBEA reset the sensor and verified its performance.
August	22-Sep-23	419826	Sawbones Bay	The nitrogen dioxide analyzer at Sawbones Bay due to a degrading pump.	On August 2, the daily Quality Assurance check failed to meet the AMD operational criteria. The WBEA determined it was due to a degrading sample pump and conducted maintenance to replace the sample pump the following day. After maintenance, the analyzer was left to stabilize overnight, and a multi-point calibration was conducted on August 4. Data was invalidated to the last acceptable span, on July 30, resulting in 81 hours of downtime.	The sample pump was replaced on August 2, 2023
August	28-Sep-23	420096	Patricia McInnes	The ammonia analyzer at Patricia McInnes air monitoring station (AMS) operated less than 90% of August, 2023, due to slow stabilization time following daily zero span cycle and maintenance to analyzer.	1: The AMD specifies the range at which the daily spans and monthly calibration are conducted on the NH3 analyzer. The NH3 analyzer requires additional time to stabilize to ambient conditions following daily spans and routine monthly multipoint calibrations at the range required by the AMD. This additional stabilization time is necessary and expected for this type of analyzer after exposure to high concentrations of NH3 gas. As a result, it may take multiple hours before the response returns to normal. In the month of August, the additional stabilization time after the spans resulted in a total of 87 hours of invalid data. 2.: On August 2, the sample pump was replaced as a preventative maintenance measure for the NH3 analyzer. After maintenance, the analyzer was left to stabilize overnight, and a multi-point calibration was conducted on August 3, which resulted in an additional 17 hours of invalid data.	The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.
September	05-Oct-23	420369	Anzac	The ozone analyzer at Anzac air monitoring station (AMS) operated less than 90% of September 2023, due to the sample inlet line being disconnected from the manifold.	During a site visit on September 5, the WBEA discovered that the O3 sample inlet line had been left disconnected from the manifold, inadvertently, since the previous O3 calibration, preventing the analyzer from sampling ambient air. The line was reconnected to the manifold upon discovery. A review of the baseline data during the monthly data validation process confirmed that the line had been disconnected since the September 1 calibration, resulting in 129 hours of invalid data for September 2023.	The sample line was reconnected back to the manifold on September 5, 2023.

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
September	05-Oct-23	420368	Stony Mountain	The wind speed and wind direction (WS/WD) sensor at Stony Mountain air monitoring station (AMS) operated less than 90% of September 2023 due to WD's sensor vane became unbalanced.	During the monthly data validation process, the WBEA identified a repeated wind direction pattern that did not compare well with nearby stations. An on-site investigation determined the wind direction vane was unbalanced and the sensor was replaced on September 28. As a result, 491 hours of data were invalid from September 8 to 28, 2023.	The sensor was replaced on September 28.
September	19-Oct-23	420983	Patricia McInnes	The ammonia analyzer at Patricia McInnes air monitoring station (AMS) operated less than 90% of August 2023, due to slow stabilization time following daily zero span cycle.	The AMD specifies the range at which the daily spans and monthly calibration are conducted on the NH3 analyzer. The NH3 analyzer requires additional time to stabilize to ambient conditions following daily spans and routine monthly multipoint calibrations at the range required by the AMD. This additional stabilization time is necessary and expected for this type of analyzer after exposure to high concentrations of NH3 gas. As a result, it may take multiple hours before the response returns to normal. In the month of September, the additional stabilization time after the spans resulted in a total of 78 hours of invalid data.	The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.
October	11-Oct-23	420981	Stony Mountain	The wind speed and wind direction (WS/WD) sensors at Stony Mountain AMS operated less than 90% of October 2023, due to an electrical shortage.	During the daily system checks in early October, the WBEA identified that the WS/WD readings did not compare well with nearby stations. On-site maintenance was conducted and determined that an electrical shortage had interrupted the signal from the sensor to the data logger. During the data validation process, 96 hours of data was invalidated during the incident period of Oct 6 -11.	The shortage was repaired on October 11.
October	25-Oct-23	421542 Reported twice by mistake 2nd ref # 422365	Conklin	The NMHC analyzer at Conklin AMS operated less than 90% of October 2023 due to pump failure and contaminated cylinder.	On October 20, the THC/NMHC/CH4 baseline shifted from the expected concentration after the installation of a new hydrogen cylinder. The WBEA investigated the issue by replacing the cylinder multiple times and completing further maintenance to the instrument which did not resolve the analyzer response. During the data validation process, 97 hours of data was invalidated during the Oct 20 -24 incident period.	On Oct 23, the THC/NMHC/CH4 instrument was replaced and left to stabilize overnight. The following day the instrument was calibrated, and the baseline returned to the expected concentration.
October	27-Nov-23	422415	Bertha Ganter - Fort McKay	The NH3 analyzer at Bertha Ganter - Fort McKay operated less than 90% of operational time for the month of October 2023 due to analyzer intermittent flatlining throughout the month.	<ol style="list-style-type: none"> The NH3 analyzer readings flatlined intermittently throughout the month of October. Subsequent maintenance to reset the instrument resolved the issue on the days it flatlined. The unstable operation due to flatlining through the month of October resulted in 58 hours of invalid data. The NH3 analyzer underwent routine calibration on October 18 and 19. Due to time constraints on October 18, the WBEA needed to extend the calibration over two days, resulting in 18 hours of downtime. The NH3 analyzer requires additional time to stabilize to ambient conditions following daily spans and routine monthly multipoint calibrations at the range required by the AMD. This additional stabilization time is necessary and expected for this type of analyzer after exposure to high concentrations of NH3 gas. As a result, it may take multiple hours before the response returns to normal readings. The additional stabilization period following the spans and multipoint calibration in October resulted in a total of 27 hours of downtime. 	The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.
November	17-Nov-23	422062	Sawbones Bay	The Relative Humidity sensor at Sawbones bay operated less than 90% of operational time for the month of November due to sensor operated out of range.	During routine daily system checks, the WBEA identified that the relative humidity sensor was over-ranging periodically, with values greater than 100% during high humidity events. The data was invalidated during the periods when measurements were over-ranging and the sensor will be replaced. During the data validation process, 122 hours of data were invalidated.	The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.
November	11-Dec-23	422934	Ells River	The THC/NMHC/CH4 analyzer Ells River operated less than 90% of due to a depleted support gas cylinder.	During routine daily system checks, the WBEA identified that the daily zero/span for the THC/NMHC/CH4 analyzer on November 5 did not meet AMD criteria. The WBEA investigated and found that the analyzer was operating with a depleted support gas cylinder. During the data validation process, 103 hours of data were invalidated due to this incident, resulting in an analyzer operational time of 85% for November.	On November 8, the support gas cylinder was replaced, and the instrument was calibrated to verify its performance. The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.
November	24-Nov-23	422365	Stony Mountain	The wind speed and wind direction (WS/WD) sensors at Stony Mountain AMS operated less than 90% of October 2023, due to sensors being frozen.	Throughout November, the WS/WD sensor frozen due to weather conditions, resulting in inaccurate data. The sensor returned to normal operation when weather conditions changed and the sensor thawed. Data from the freezing events were invalidated for a total of 79 hours, resulting in a sensor operational time of 89% for November.	The WBEA will continue its procedure of daily system checks, monthly site visits, and data validation to identify and address technical issues to ensure the highest operational time possible.

Reporting Period	Date Reported	AEP Reference Number	Location	Brief Description	Issue	Remedial Action
December	05-Jan-24	423561	Mildred Lake	The THC, NMHC, and CH4 analyzer at the Mildred Lake AMS operated for less than 90% of December 2023, due to three different issues.	<p>There were three issues associated with the operation of the THC/NMHC/CH4 analyzer, resulting in 82 hours of invalid data:</p> <ul style="list-style-type: none"> • On December 21, the CH4 span was outside of the AMD acceptable criteria, prompting an investigation. A technician replaced the instrument on December 21 and data for the incident period was invalidated resulting in a total of 33 hours. • Between December 22 through 23, the baseline for the instrument was within the required limits but the data appeared noisy. A technician performed a maintenance calibration and span adjustment on the afternoon of December 23 resulting in 4 hours of downtime. • On December 30 and 31, the NMHC span was outside of the AMD acceptable criteria. On January 1, 2024, a technician conducted a calibration and retention time adjustment to fix the problem. Data for the incident period was invalidated resulting in an additional 45 hours of downtime in December. 	The analyzer was replaced and the retention timing of the gas chromatography windows were adjusted.
December	24-Jan-24	424206	Fort Chipewyan	The CO2 analyzer at the Fort Chipewyan AMS operated for less than 90% of December 2023, due to operator error.	<p>On December 26, an onsite CO2 calibration failed the AMD criteria due to operator error, resulting in no valid calibration for the month of December. Prior to this incident, all daily quality assurance checks for the month of December were within AMD criteria. Following this incident, the CO2 daily span was above the AMD limits. The WBEA conducted a remote investigation and maintenance to correct the linearity of the instrument on January 3. On January 18, the CO2 analyzer's regular functionality was ultimately restored and resolved the issue following an on-site multipoint calibration. During the data validation process, the WBEA conservatively invalidated data between December 26 and January 18, resulting in 545 hours of invalid data.</p>	The WBEA has communicated with right personnel regarding this operator error and provided them with tools and training to avoid the error in future.
December	25-Jan-24	424274	Athabasca Valley	The TRS analyzer at Athabasca Valley air monitoring station operated less than 90% for the month of December 2023, due to not providing the analyzer enough stabilization following the SO2 scrubber replacement and making a large span adjustment.	<p>A multi-point calibration of the TRS was carried out on December 19. The technician had to replace the scrubber beads and make significant adjustments to the span when the scrubber check section of the calibration failed. TRS spans were constantly high, outside of AMD criteria, throughout the next few days. The WBEA investigated this and found that the problem was due to not providing the analyzer enough stabilization following the SO2 scrubber replacement and making a large span adjustment, on December 19. The WBEA conducted a recalibration, verified its performance, and resolved the issue on December 31. During the data validation process, 282 hours of data were invalidated, resulting in 62% operational time for December.</p>	The WBEA conducted a recalibration, verified its performance, and resolved the issue on December 31.



WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

CONTINUOUS AMBIENT AIR QUALITY
MONITORING PROGRAM
ANNUAL REPORT

APPENDIX III: 2012-2017 WBEA DATA COMPARED TO LARP TRIGGERS AND LIMITS 2023

Operations, Data Collection,
QA/QC, Data Validation and Reporting by:
Wood Buffalo Environmental Association
Fort McMurray, Alberta

March 2024



Comparison of WBEA NO₂ 2011 to 2023 Data With LARP Triggers and Limits (all data as ppb)

LARP Index	Year	Air Monitoring Stations														
		AMS01 Bertha Ganter	AMS04 Buffalo Viewpoint	AMS06 Patricia McInnes	AMS07 Athabasca Valley	AMS08 Fort Chipewyan	AMS09 Barge Landing	AMS12* Millennium Mine	AMS13 Fort McKay South	AMS14 Anzac	AMS15 Horizon	AMS16 Muskeg River	AMS17 Wapasu	AMS18 Stony Mountain	AMS19 Firebag	AMS20 MacKay River
NO ₂ Annual average	2023	8	5	5	7	1	10		8	3			3	1	4	2
	2022	8	5	5	7	1	10		8	2			2	1	3	3
	2021	8	5	5	7	1	10		8	2			3	1	3	2
	2020	7	5	5	7	2	8		6	2	9		2	1	3	2
	2019	8	5	5	8	2	10		7	2	9		3	1	4	2
	2018	8	5	5	7	1	15		7	2	9	9	3	1	3	2
	2017	7	5	5	7	1			7	2	5	10	3	1	3	2
	2016	7		6	7	1			6	2	6	9	3	1	3	3
	2015	6		5	8	2		11	5	2	5	9	3	1	4	
	2014	8		6	11	1		12	7	3	7	12	6		4	
	2013	8		6	10	1		13	7	3	7	12				
	2012	7		6	9	1		13	7	3	6	11				
	2011	7		6	11	1		15	6	3	5	12				
NO ₂ hourly 99th Percentile	2023	31	33	31	30	11	39		30	15			20	7	25	19
	2022	32	32	30	30	12	40		32	17			17	7	22	23
	2021	33	32	30	30	11	37		30	15			17	8	20	22
	2020	31	31	29	29	12	35		28	18	41		17	7	23	22
	2019	35	33	29	32	12	43		32	16	41		18	7	28	22
	2018	33	30	28	30	10	36		32	15	36	39	17	8	20	20
	2017	33	27	29	32	9			31	14	31	38	17	6	20	18
	2016	28		27	30	11			26	17	30	36	16	8	18	23
	2015	30		28	33	13		43	27	14	33	37	19	8	24	
	2014	33		29	48	11		43	31	18	34	40	21		23	
	2013	35		31	38	9		43	33	19	39	40	25			
	2012	34		29	34	11		42	31	15	36	40				
	2011	34		30	39	13		50	32	20	33	41				

LARP Index	Year	Air Monitoring Stations															
		AMS21 Conklin	AMS22 Janvier	AMS23 Fort Hills	AMS24 Surmont	AMS26 Christina Lake	AMS27 Jackfish 2/3	AMS29 Surmont 2	AMS30 Ellis River	AMS500 Christina Lake	AMS501 Leismer	AMS502 Surmont	AMS505 Sawbones Bay	AMS506 Jackfish 1	AMS507 Kirby South	AMS508 Kirby North	AMS511 Blackgold
NO ₂ Annual average	2023	2	1	12		4	1	2	7		2		3	2	2	2	2
	2022	2	1	10		3	1	2	6		2		3	2	1	2	
	2021	2	1	9		3	1	2	6		2		3	2	1	1	
	2020	2	1	8		3	1	1	6		3		3	2		1	
	2019	2	1	10	5	3	1	1			2		2	2	4	1	
	2018	2	2	9	2	2	2			4	2		4	2			
	2017	2	1	8	2					3	3	3	3				
	2016	1								3	2	2					
	2015										2	3					
	2014									5	2	5					
	2013									5	5	5					
	2012											8					
	2011											7					
NO ₂ hourly 99th Percentile	2023	10	7	41		17	7	10	30		10		15	11	10	9	12
	2022	9	8	41		15	7	12	33		9		19	12	7	8	
	2021	10	8	39		16	7	11	32		10		18	12	11	7	
	2020	10	9	39		13	8	13	30		12		18	13		6	
	2019	11	8	44	19	16	7	9			10		15	11	22	6	
	2018	13	10	42	13	10	7			23	15	17	22	19			
	2017	12	8	40	12					17	23	13	17				
	2016	8								18	10	18					
	2015										9	22					
	2014									32	8	22					
	2013									17	41	45					
	2012											36					
	2011																

Data Collection less than 12 months	NO ₂ Annual average	Limit	24	NO ₂ hourly 99th Percentile	Level 4 Trigger	92
	Level 3 Trigger	16	Level 3 Trigger		62	
	Level 2 Trigger	8	Level 2 Trigger		30	



Comparison of WBEA SO₂ 2011 to 2023 Data With LARP Triggers and Limits (all data as ppb)

LARP Index	Year	Air Monitoring Stations																
		AMS01 Bertha Ganter	AMS02 Mildred Lake	AMS04 Buffalo Viewpoint	AMS05 Mannix	AMS06 Patricia McInnes	AMS07 Athabasca Valley	AMS08 Fort Chipewyan	AMS09 Barge Landing	AMS11 Lower Camp	AMS12* Millennium Mine	AMS13 Fort McKay South	AMS14 Anzac	AMS15 Horizon	AMS16 Muskeg River	AMS17 Wapasu	AMS18 Stony Mountain	AMS19 Firebag
SO ₂ Annual average	2023	1	2	1	2	1	1	0	1	3		1	1		1	0	1	
	2022	1	2	1	2	1	1	0	1	2		1	0		1	0	1	
	2021	1	2	1	2	1	1	0	1	2		1	0		1	0	1	
	2020	1	2	1	3	1	1	0	1	3		1	1		1	0	1	
	2019	1	1	1	2	1	1	0	1	2		1	1		1	0	1	
	2018	1	2	1	2	1	1	0	1	2		1	1		1	0	1	
	2017	1	2	1	2	1	1	0	1	3		1	0		1	0	0	
	2016	1	2	1	3	1	1	0		3		1	1		1	1	1	
	2015	1	2	1	2	1	1	0		2	1	1	0		1	1	0	
	2014	1	2	1	2	1	1	0		1	1	1	1		1	1	1	
	2013	1	2	1	2	1	1	0		1	1	1	1		1	1	2	
	2012	1	2	1	2	1	1	0		1	1	1	1		1	1		
	2011	2	3	1	2	1	1	0		2	1	1	1		1	1		
SO ₂ hourly 99th Percentile	2023	15	28	16	23	11	8	4	13	43		17	7		14	4	14	
	2022	14	28	11	31	13	8	4	13	26		16	7		11	3	11	
	2021	13	27	16	25	11	4	4	11	28		14	6		11	3	12	
	2020	15	33	19	39	15	9	4	14	32		15	6		13	4	12	
	2019	11	15	11	23	9	8	3	7	26		10	4		9	3	8	
	2018	12	22	14	24	10	7	3	7	30		10	6		9	3	11	
	2017	16	27	14	34	10	7	3		42		16	5		13	0	0	
	2016	15	29	14	36	12	11	5		43		15	5		12	2	12	
	2015	14	26	9	31	10	9	2		27		14	5		10	11	12	
	2014	15	28	10	32	12	9	3		16	14	17	6		15	11	13	
	2013	16	22	16	31	14	10	4		16	14	17	9		15	20		
	2012	17	32	13	28	11	8	4		21	15	18	9		16	20		
	2011	17	45	22	29	13	10	4		26	16	17	6		13	13		

LARP Index	Year	Air Monitoring Stations																	
		AMS20 Mackay River	AMS21 Conklin	AMS22 Janvier	AMS23 Fort Hills	AMS24 Surmont	AMS25 Waskow ohci Pimatisiwin	AMS 26 Christina Lake	AMS 27 Jackfish 2/3	AMS29 Surmont 2	AMS30 Ells River	AMSS00 Christina Lake	AMS 501 Leismer	AMS 502 Surmont	AMS 505 Sawbones Bay	AMS 506 Jackfish 1	AMS 507 Kirby South	AMS 508 Kirby North	AMS 511 Blackgold
SO ₂ Annual average	2023	1	0	0	1		1	1	1	0	1	1		1	1	1	1	1	1
	2022	1	0	0	1		1	2	1	0	1	2		1	1	1	1	1	
	2021	1	0	0	1		1	2	1	0	1	2		1	2	1	1	1	
	2020	1	0	0	1		1	3	1	1	1	1		1	2	2	1	1	
	2019	1	0	0	1		2	1	2	1	2	1		1	2	1	1	0	
	2018	1	0	0	1		1	1	1	1				1	1	1			
	2017	0	1	1	0		0	1						1	1	1			
	2016	1	0											1	1				
	2015													1	1				
	2014													1	1				
	2013													0	0				
	2012															2			
	2011															3			
SO ₂ hourly 99th Percentile	2023	10	3	3	12		15	13	5	5	13		21		11	13	6	7	15
	2022	12	3	3	13		14	23	5	4	14		22		19	25	9	10	
	2021	11	3	2	10		12	24	5	4	12		16		21	17	13	6	
	2020	12	3	3	9		14	35	6	5	9		14		27	26	6	6	
	2019	8	2	2	7		12	9	24	6			13		33	12	10	2	
	2018	8	3	2	8		6	10	20	5			10		16	8	8	8	
	2017	9	2	2	7		6	9					10		16				
	2016	8	1										15		18				
	2015												9		6				
	2014												7		7				
	2013												4		9				
	2012												3		13				
	2011														26				

SO ₂ Annual average		SO ₂ hourly 99th Percentile	
Limit	8	Level 4 Trigger	36
Level 3 Trigger	5	Level 3 Trigger	24
Level 2 Trigger	3	Level 2 Trigger	12

Data Collection less than 12 months



End of Report - Volume 1

**ELECTRONIC TRANSFER SYSTEM
AIRDATA
SUBMISSION REPORT**

March 28, 2024
4:20:01 PM
Request # 4659860

Submitted by: EN6138
Submission Date: Mar 28, 2024 4:19:54 PM

File Type
Airshed Monitoring Report

File Name
WBEA-2023.pdf

Total Number of Files: 1

*** End of Report ***