May 4, 2020 **VIA UPS TRACKING: 1ZT166640290791284**

Mark Palermo
U.S. EPA
OECA Air Enforcement Division
1200 Pennsylvania Avenue NW
Mail Code 2242A
Washington, DC 20460
Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Harmon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly and willfully submitting a material false statement.

Please feel free to contact me at (304) 842-2032 or JBRandolph@marathonpetroleum.com should you have any questions or comments regarding this report.

Respectfully yours,

MPLX, G&P

Jeffrey Randolph

Regional Operations Manager

May 4, 2020 **VIA UPS TRACKING: 1ZT17DD11324726429**

EES Case Management Unit
Environmental and Natural Resources Division
U.S. Department of Justice
Box 7611 Ben Franklin Station
Washington, DC 20044-7611
Re: DOJ No. 90-5-2-1-11374
Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Harmon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

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Respectfully yours,

MPLX, G&P

Jeffrey Randolph

Regional Operations Manager

May 4, 2020 **VIA UPS TRACKING: 1ZT17GV01336566426**

Lori McNabb
Environmental Group Manager
Department of Environmental Protection - Field Operations
Air Quality Program
Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335

Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Hannon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly and willfully submitting a material false statement.

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Respectfully yours,

MPLX, G&P

Jeffrey Randolph

Regional Operations Manager

May 4, 2020 **VIA UPS TRACKING: 1ZT17J271338860828**

Mark R. Gorog, P.E.
Regional Manager
Department of Environmental Protection
Air Quality Program
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222

Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Hannon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly and willfully submitting a material false statement.

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Respectfully yours,

MPLX,G&P

Jeffrey Randolph

Regional Operations Manager

May 4, 2020 **VIA UPS TRACKING: 1ZT17J270222996036**

Director, Air Enforcement
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103

Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Hannon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly and willfully submitting a material false statement.

Please feel free to contact me at (304) 842-2032 or JBRandolph@marathonpetroleum.com should you have any questions or comments regarding this report.

Respectfully yours,

MPLX,G&P

Jeffrey Randolph

Regional Operations Manager

4 May 2020 **VIA UPS TRACKING: 1ZT17J270238566444**

U.S. EPA Region V
77 W. Jackson Boulevard
Chicago, IL 60604
Attn: Compliance Tracker

Subject: Harmon Creek Fence-line Monitoring Report

On November 22, 2019, the fence-line monitoring system at the Hannon Creek Plant in Smith Township, Washington County, Pennsylvania became operational. Data was generated from three monitoring locations from January 1, 2020 to March 31, 2020.

As required by Section XI, Paragraph 63, MarkWest provides the below certification and signature:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly and willfully submitting a material false statement.

Please feel free to contact me at (304) 842-2032 or JBRandolph@marathonpetroleum.com should you have any questions or comments regarding this report.

Respectfully yours,

MPLX,G&P

Jeffrey Randolph

Regional Operations Manager

SUMMARY OF AIR TOXICS AND METEOROLOGICAL DATA FROM MARKWEST'S HARMON CREEK MONITORING STATIONS FIRST QUARTER 2020

Prepared for:

Mr. Phillip Jereza
Mw Logistics Services, LLC
121 Point Pleasant Road
Bulger, PA 15019

By

MSI Trinity Consultants
Project No. 04201983

April 2020

Meteorological Solutions Inc.
A Trinity Consultants Company

SUMMARY OF AIR TOXICS AND METEOROLOGICAL DATA FROM MARKWEST'S HARMON CREEK MONITORING STATIONS JANUARY THROUGH MARCH 2020

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1.0 INTRODUCTION

This first quarter (January through March) 2020 report, prepared for MarkWest by Trinity Consultants Company (Trinity), summarizes the air toxics and meteorological data collected at the Harmon Creek Gas Processing Plant monitoring stations. Official data collection began at the Upwind station on November 21; Downwind Station#1 and Downwind Station #2 became operational on November 27 and November 19, 2019, respectively. Although the air toxic analyzers were turned on at these times, the setup calibrations were not completed until closer to November 29; thus, ambient data prior to this date is not valid.

1.1 Background

Pursuant to a Consent Decree, Trinity was contracted by MarkWest to install, maintain, and operate a fence line monitoring system (FLMS), consisting of Upwind and Downwind monitoring stations, to measure propane, butane, pentane, hexane, benzene, toluene, ethylbenzene, xylene and all its isomers, total volatile organic compounds (VOCs) at MarkWest's Harmon Creek Gas Processing Plant which is located near Joffre, Pennsylvania. Two (2) Downwind air toxic stations and one (1) Upwind air toxic and meteorological monitoring station are being operated at the facility. A 10-meter meteorological tower provides continuous meteorological measurements of horizontal wind speed and wind direction, the standard deviation of horizontal wind direction (sigma theta), air temperature, relative humidity, and barometric pressure.

MarkWest is engaged in natural gas gathering operations in western Pennsylvania and is undertaking this program to quantify emissions from natural gas pig launchers and receivers at compressor stations to understand and reduce VOC emissions from these sources.

1.2 Monitoring Station Description

Consolidated Analytical Systems (CAS) AirmOzone Auto-Gas Chromatographs (GCs) are being operated at the Upwind and Downwind sites which provide continuous measurements of the following compounds: Ethane, Ethylene, Propane, Propene, Isobutane, N-butane, Acetylene, Trans-2-Butene, 1-Butene, Cis-2-Butene, Cyclopentane, Isopentane, N-Pentane, 1,3-Butadiene, Trans-2-Pentene, 1-Pentene, Cis-2-Pentene, 3-Methyl-Pentane, N-Hexane, Isoprene, 2,4-Dimethylpentane, 2,3-Dimethylbutane, 2,2-Dimethylbutane, Methylcyclopentane, Benzene, Carbon Tetrachloride, Cyclohexane, 2-Methylhexane, 3-Methylhexane, 2,2,4 Trimethylpentane, N-Heptane, Methyl Cyclohexane, 2,3,4 Trimethylpentane, Toluene, 2-Methylheptane, 3-Methylheptane, N-Octane, Tetrachloroethene, Ethylbenzene, M & P-Xylenes, Styrene, O-xylene, N-nonane, Isopropylbenzene, A-Pinene, N-Propylbenzene, M-Ethyltoluene, P-Ethyltoluene, 1,3,5-Trimethylbenzene, O-Ethyltoluene, B-Pinene, 1,2,4-Trimethylbenzene, N-Decane, 1,2,3-Trimethylbenzene, M-Diethylbenzene, P-diethylebenzene, N-Undecane, and N-Dodecane.

The air toxic and meteorological monitoring stations at the Harmon Creek Gas Processing Facility are located approximately 2.1 miles northeast of Joffre, Pennsylvania. The latitude/longitude coordinates of the upwind and downwind monitoring stations in WGS 84 are presented in Table 1-1.

Table 1-1 MarkWest's Harmon Creek Monitoring Station Locations

Station ID	Latitude	Longitude
Air Toxics – Downwind #1	40.405292 °	-80.357286 °
Air Toxics – Downwind #2	40.403527 °	-80.325296 °
Air Toxics and Meteorological Tower – Upwind	40.404048 °	-80.361167 °

A Google Earth image presenting the locations of the Upwind and Downwind monitoring stations is provided in Figure 1.1. Photographs of the Downwind #1 and Upwind monitoring stations with the meteorological tower are presented as Figures 1.2 and 1.3, respectively. Downwind #2 is similar to the Downwind #1 station. A summary of the air toxic and meteorological equipment installed at the Harmon Creek monitoring stations is presented in Table 1-2.

Figure 1.1 Locations of MarkWest's Harmon Creek Air Toxic and Meteorological Monitoring Stations

Figure 1.2 Photograph of MarkWest's Harmon Creek Downwind #1 Air Toxic Monitoring Station

Figure 1.3 Photograph of MarkWest's Harmon Creek's Upwind Air Toxics Station with Meteorological Tower

Table 1-2 Air Toxic and Meteorological Instrumentation at MarkWest's Harmon Creek Monitoring Stations

Parameter	Equipment Manufacturer	Model Number	Serial Number
Downwind #1			
Air Toxic	AirmOzone AirmoVOC C2-C6 AirmOzone AirmoVOC C6-C12	A12000 A23022	56080919 26090919
Data Acquisition	Campbell Scientific Inc.	CR300	6596
Downwind #2			
Air Toxic	AirmOzone AirmoVOC C2-C6 AirmOzone AirmoVOC C6-C12	A12000 A23022	56521019 26551019
Data Acquisition	Campbell Scientific Inc.	CR300	6597
Upwind Air Toxic and Meteorological			
Air Toxic	AirmOzone AirmoVOC C2-C6 AirmOzone AirmoVOC C6-C12	A12000 A23022	56180919 26190919
Wind Direction	RM Young	05305-5	171923
Wind Speed	RM Young	05305-5	171923
Temperature	E+E Elektronik	EE181	190916000179FC
Relative Humidity	E+E Elektronik	EE181	190916000179FC
Bar. Pressure	Vaisala	PTB110	P4930777
Data Acquisition	Campbell Scientific Inc.	CR1000X	11572

1.3 Data Acquisition

Data from the instruments listed in Table 1-2 are collected and stored by Campbell Scientific, Inc. Model CR300 or CR1000X loggers. The data loggers record meteorological and/or shelter temperature data. Meteorological data are sampled every second and recorded as five-minute averages on the data logger. The loggers at the monitoring sites are interrogated every five minutes via modem to download and process the data. Air toxic data are obtained from each instrument via FTP hourly. Data are copied to duplicate computer files and the data logger telecommunications software performs dynamic error checking during download to ensure that an exact duplicate file is created. Any failures in instrumentation or data acquisition are identified within two days of occurrence so that field personnel are able to correct problems in a timely manner in order to prevent excessive data loss.

The data collected during each interrogation are checked for consistency and the parameters are plotted for visual inspection. The quality assurance stacked parameter/time plots for the months of January through March are presented in Appendix A. Data presented in Appendix A represent the final, quality assured data set.

2.0 DATA SUMMARY

This section of the report summarizes the data results and data recovery for January through March 2020. Hourly data by month are tabulated in the appendices. These appendix tables display the hourly average of meteorological measurements recorded in the hour "ending"; that is, the first hour of the day is labeled 01, meaning the hour beginning at midnight and ending at 01:00:00 a.m. The second hour is labeled 02, meaning the values collected from 01:00:01 a.m. to 02:00:00 a.m. Air toxic concentrations that are presented in the appendices are the total concentration, by constituent, recorded for each hour.

2.1 Upwind Station Air Toxics Data

The monthly averages and maximum hourly concentrations of the air toxic compounds being measured at the Upwind site are presented in Table 2-1 and in Appendix B.

Table 2-1 Concentrations of Air Toxics in Parts Per Billion - Upwind Site

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	16.34	16.01	25.57	19.46	3/22/2020 07:00	443.53	1/13/2020 04:00	328.56
Ethylene	0.88	3.24	11.17	5.03	3/25/2020 17:00	24.86	3/25/2020 18:00	24.78
Propane	1.06	2.19	13.68	5.72	3/29/2020 00:00	32.03	3/25/2020 17:00	31.35
Propene	0.55	0.37	0.25	0.40	1/31/2020 20:00	1.80	1/23/2020 10:00	1.25
i-Butane	0.80	0.48	0.52	0.62	1/23/2020 10:00	5.57	1/09/2020 05:00	5.18
n-Butane	2.28	1.34	1.43	1.75	1/09/2020 05:00	17.43	1/23/2020 10:00	16.73
Acetylene	0.26	0.09	0.77	0.40	1/22/2020 05:00	1.77	1/22/2020 09:00	1.70
Trans-2-Butene	0.04	0.03	0.07	0.05	3/25/2020 17:00	2.64	3/25/2020 18:00	0.79
1-Butene	0.02	0.02	0.02	0.02	3/25/2020 18:00	2.28	3/25/2020 17:00	2.06
Cis-2-Butene	0.04	0.03	0.04	0.03	3/25/2020 19:00	2.11	3/25/2020 18:00	1.09
Cyclopentane	0.51	0.66	0.04	0.38	1/23/2020 10:00	4.89	1/14/2020 11:00	4.79
i-Pentane	0.24	0.03	0.88	0.41	3/29/2020 08:00	5.70	1/09/2020 05:00	5.01
n-Pentane	0.63	0.18	1.09	0.68	1/09/2020 05:00	8.04	2/15/2020 05:00	7.14
1, 3-Butadiene	0.03	0.03	0.09	0.05	3/26/2020 05:00	6.77	3/25/2020 21:00	4.90
Trans-2-Pentene	0.05	0.02	0.10	0.06	3/26/2020 05:00	4.79	3/25/2020 18:00	3.68
1-Pentene	0.01	0.01	0.08	0.03	3/26/2020 05:00	5.61	3/25/2020 21:00	4.56
Cis-2-Pentene	0.05	0.04	0.10	0.06	3/26/2020 05:00	12.22	3/25/2020 20:00	4.45
2, 3- Dimethylbutane	0.07	0.02	0.11	0.07	3/25/2020 20:00	3.18	3/26/2020 05:00	3.16
3- Methyl-Pentane	0.00	0.00	0.08	0.03	3/25/2020 20:00	4.50	3/26/2020 05:00	3.03
n-Hexane	0.11	0.05	0.27	0.15	3/26/2020 05:00	38.88	3/26/2020 02:00	8.33
Isoprene	0.01	0.04	0.09	0.05	3/26/2020 07:00	9.58	3/26/2020 02:00	8.08
1-Hexene	0.02	0.03	0.08	0.04	3/26/2020 02:00	10.27	3/25/2020 21:00	7.60

Table 2-1 (Continued) Concentrations of Air Toxics in Parts Per Billion - Upwind Site

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
2, 4- Dimethylpentane	0.02	0.01	0.07	0.03	3/25/2020 21:00	10.33	3/26/2020 05:00	5.57
2, 3- Dimethylpentane	0.04	0.05	0.06	0.05	3/25/2020 20:00	11.80	3/26/2020 05:00	10.68
2, 2- Dimethylbutane	0.01	0.00	0.01	0.01	3/31/2020 05:00	0.36	3/28/2020 07:00	0.22
2-Methyl-Pentane	0.14	0.08	0.08	0.10	1/09/2020 05:00	1.64	2/15/2020 05:00	1.50
Methyl-Cyclopentane	0.03	0.02	0.03	0.03	3/27/2020 07:00	0.92	3/26/2020 16:00	0.63
Benzene	0.19	0.16	0.14	0.17	1/31/2020 20:00	1.46	1/14/2020 10:00	1.09
Tetrachloromethane	0.01	0.00	0.06	0.02	3/30/2020 19:00	4.49	3/31/2020 05:00	3.64
Cyclohexane	0.02	0.01	0.02	0.02	3/31/2020 18:00	0.48	1/09/2020 05:00	0.34
2-Methyl-Hexane	0.02	0.00	0.02	0.01	3/30/2020 18:00	0.54	1/10/2020 18:00	0.44
3-Methyl-Hexane	0.05	0.03	0.04	0.04	3/31/2020 04:00	0.79	1/09/2020 05:00	0.75
2,2,4- Trimethylpentane	0.01	0.00	0.01	0.01	3/29/2020 12:00	0.44	3/31/2020 22:00	0.44
n-Heptane	0.06	0.02	0.03	0.04	1/09/2020 05:00	1.47	1/07/2020 10:00	1.16
Methyl-Cyclohexane	0.03	0.01	0.02	0.02	1/09/2020 05:00	0.64	1/07/2020 10:00	0.54
2,3,4- Trimethylpentane	0.00	0.01	0.01	0.01	3/13/2020 10:00	0.46	2/07/2020 08:00	0.16
Toluene	0.12	0.09	0.08	0.10	1/09/2020 09:00	0.88	1/23/2020 21:00	0.78
2-Methyl-Heptane	0.01	0.00	0.01	0.01	3/21/2020 14:00	0.17	3/25/2020 09:00	0.13
3-Methyl-Heptane	0.02	0.02	0.00	0.02	1/07/2020 10:00	0.23	1/10/2020 18:00	0.19
n-Octane	0.01	0.00	0.01	0.01	1/09/2020 05:00	0.55	3/31/2020 03:00	0.46
Tetrachloroethene	0.02	0.01	0.01	0.01	3/14/2020 22:00	1.34	3/29/2020 23:00	0.80
Ethylbenzene	0.01	0.01	0.01	0.01	3/16/2020 11:00	0.08	1/23/2020 21:00	0.07
m/p-Xylenes	0.04	0.02	0.03	0.03	1/23/2020 21:00	0.28	1/23/2020 23:00	0.27
Styrene	0.02	0.01	0.01	0.01	3/25/2020 05:00	0.07	1/21/2020 00:00	0.06
o-Xylene	0.01	0.01	0.01	0.01	1/23/2020 21:00	0.09	1/23/2020 23:00	0.09

Table 2-1 (Continued) Concentrations of Air Toxics in Parts Per Billion - Upwind Site

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.01	0.01	0.01	0.01	1/09/2020 05:00	0.18	3/15/2020 23:00	0.18
i-Propylbenzene	0.00	0.00	0.00	0.00	3/16/2020 03:00	0.10	3/25/2020 11:00	0.07
a-Pinene	0.01	0.01	0.01	0.01	2/17/2020 07:00	0.21	2/17/2020 06:00	0.18
n-Propylbenzene	0.01	0.00	0.00	0.00	2/19/2020 13:00	0.07	1/21/2020 13:00	0.06
m-Ethyltoluene	0.00	0.00	0.00	0.00	2/08/2020 17:00	0.06	3/21/2020 22:00	0.05
p-Ethyltoluene	0.00	0.00	0.00	0.00	1/13/2020 03:00	0.45	3/31/2020 05:00	0.38
1,3,5- Trimethylbenzene	0.00	0.00	0.00	0.00	1/28/2020 13:00	0.19	3/05/2020 15:00	0.05
o-Ethyltoluene	0.00	0.00	0.00	0.00	2/17/2020 07:00	0.15	2/17/2020 01:00	0.13
b-Pinene	0.01	0.01	0.01	0.01	1/03/2020 02:00	0.06	1/04/2020 02:00	0.06
1,2,4- Trimethylbenzene	0.00	0.00	0.01	0.00	3/15/2020 15:00	0.06	3/05/2020 22:00	0.05
n-Decane	0.01	0.01	0.01	0.01	1/24/2020 01:00	0.09	1/07/2020 02:00	0.08
1,2,3- Trimethylbenzene	0.00	0.00	0.00	0.00	3/22/2020 00:00	0.11	3/24/2020 14:00	0.09
m-Diethylbenzene	0.00	0.00	0.00	0.00	1/06/2020 20:00	0.41	3/29/2020 19:00	0.05
p-Diethylbenzene	0.00	0.00	0.00	0.00	3/10/2020 17:00	0.07	3/10/2020 22:00	0.07
n-Undecane	0.01	0.00	0.00	0.00	1/03/2020 02:00	0.47	3/22/2020 14:00	0.15
n-Dodecane	0.02	0.01	0.02	0.02	3/22/2020 15:00	0.17	3/06/2020 05:00	0.09
Total Hydrocarbons	25.02	25.57	57.35	36.37	3/22/2020 07:00	488.66	1/13/2020 04:00	348.85

2.2 Downwind Stations #1 and #2 Air Toxics Data

The monthly averages and maximum hourly concentrations of the air toxic compounds being measured at the Downwind stations #1 and #2 are presented in Tables 2-2 and 2-3, and in Appendix B.

Table 2-2 Concentrations of Air Toxics in Parts Per Billion - Downwind #1 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	27.20	2.01	25.40	19.75	1/10/2020 17:00	671.58	1/10/2020 18:00	410.16
Ethylene	0.79	0.83	0.73	0.78	2/17/2020 06:00	15.74	3/07/2020 22:00	7.24
Propane	1.95	2.13	4.07	2.81	1/10/2020 17:00	37.96	1/22/2020 08:00	35.61
Propene	0.43	0.31	0.23	0.32	1/10/2020 17:00	1.36	1/24/2020 16:00	1.17
i-Butane	1.00	0.65	0.52	0.72	1/10/2020 17:00	33.10	1/10/2020 18:00	17.06
n-Butane	2.52	1.56	1.20	1.76	1/10/2020 17:00	95.34	1/10/2020 18:00	49.33
Acetylene	0.80	0.22	1.77	1.01	1/23/2020 10:00	2.92	1/23/2020 11:00	2.92
Trans-2-Butene	0.06	0.06	0.06	0.06	1/24/2020 16:00	0.32	1/24/2020 15:00	0.22
1-Butene	0.02	0.01	0.00	0.01	1/31/2020 23:00	0.11	1/23/2020 10:00	0.10
Cis-2-Butene	0.01	0.03	0.07	0.04	3/28/2020 18:00	0.11	3/28/2020 19:00	0.11
Cyclopentane	0.31	0.37	0.06	0.23	1/10/2020 17:00	21.09	1/10/2020 18:00	11.21
i-Pentane	0.39	0.07	0.31	0.27	1/23/2020 09:00	7.72	1/22/2020 07:00	4.73
n-Pentane	0.76	0.39	0.30	0.48	1/10/2020 17:00	30.99	1/10/2020 18:00	16.12
1, 3-Butadiene	0.02	0.02	0.00	0.01	1/11/2020 07:00	0.31	1/03/2020 05:00	0.30
Trans-2-Pentene	0.06	0.07	0.03	0.05	1/24/2020 16:00	0.24	1/24/2020 15:00	0.19
1-Pentene	0.00	0.00	0.01	0.00	3/09/2020 12:00	0.19	3/10/2020 06:00	0.17
Cis-2-Pentene	0.00	0.00	0.00	0.00	3/26/2020 23:00	0.06	1/31/2020 23:00	0.02
2, 3- Dimethylbutane	0.10	0.03	0.01	0.05	1/10/2020 17:00	4.28	1/10/2020 18:00	2.13
3- Methyl-Pentane	0.00	0.00	0.04	0.02	3/19/2020 14:00	0.47	1/09/2020 03:00	0.32
n-Hexane	0.22	0.06	0.08	0.12	1/10/2020 17:00	13.71	1/10/2020 18:00	6.96
Isoprene	0.00	0.00	0.00	0.00	1/01/2020 01:00	0.00	1/01/2020 02:00	0.00
1-Hexene	0.01	0.01	0.00	0.01	1/01/2020 13:00	0.41	1/10/2020 13:00	0.34

Table 2-2 (Continued) Concentrations of Air Toxics in Parts Per Billion - Downwind #1 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
2, 4- Dimethylpentane	0.03	0.01	0.00	0.01	1/10/2020 17:00	3.31	1/07/2020 09:00	0.36
2, 3- Dimethylpentane	0.09	0.05	0.02	0.05	1/10/2020 19:00	0.39	1/09/2020 03:00	0.27
2, 2- Dimethylbutane	0.01	0.00	0.00	0.00	1/01/2020 10:00	0.76	1/10/2020 17:00	0.59
2-Methyl-Pentane	0.16	0.07	0.07	0.10	1/10/2020 17:00	10.05	1/10/2020 18:00	4.40
Methyl-Cyclopentane	0.03	0.02	0.01	0.02	1/10/2020 17:00	1.42	1/10/2020 18:00	0.60
Benzene	0.17	0.14	0.13	0.15	3/06/2020 08:00	1.01	1/14/2020 10:00	0.95
Tetrachloromethane	0.01	0.01	0.08	0.04	3/04/2020 18:00	47.69	2/07/2020 03:00	5.16
Cyclohexane	0.03	0.01	0.01	0.02	1/10/2020 17:00	2.10	3/04/2020 18:00	1.32
2-Methyl-Hexane	0.04	0.00	0.00	0.01	1/10/2020 17:00	4.68	1/10/2020 18:00	2.23
3-Methyl-Hexane	0.06	0.03	0.03	0.04	1/10/2020 17:00	4.50	1/10/2020 18:00	2.14
2,2,4- Trimethylpentane	0.01	0.00	0.00	0.01	3/09/2020 14:00	0.42	1/10/2020 17:00	0.32
n-Heptane	0.10	0.03	0.03	0.05	1/10/2020 17:00	9.17	1/10/2020 18:00	4.45
Methyl-Cyclohexane	0.05	0.01	0.02	0.03	1/10/2020 17:00	4.09	1/10/2020 18:00	1.88
2,3,4- Trimethylpentane	0.00	0.00	0.03	0.01	3/20/2020 12:00	18.33	1/24/2020 15:00	0.19
Toluene	0.11	0.08	0.15	0.12	3/20/2020 12:00	56.69	1/10/2020 17:00	0.74
2-Methyl-Heptane	0.01	0.01	0.00	0.01	1/10/2020 17:00	1.75	2/05/2020 11:00	0.66
3-Methyl-Heptane	0.02	0.01	0.00	0.01	1/10/2020 17:00	2.00	1/10/2020 18:00	1.03
n-Octane	0.03	0.01	0.02	0.02	3/22/2020 13:00	3.40	1/10/2020 17:00	3.26
Tetrachloroethene	0.00	0.00	0.02	0.01	3/07/2020 04:00	9.53	1/10/2020 17:00	0.87
Ethylbenzene	0.01	0.01	0.00	0.01	2/14/2020 11:00	0.96	3/14/2020 15:00	0.53
m/p-Xylenes	0.05	0.05	0.05	0.05	3/04/2020 18:00	4.02	3/15/2020 22:00	3.05
Styrene	0.00	0.00	0.01	0.01	3/21/2020 11:00	2.67	3/21/2020 10:00	2.39
o-Xylene	0.01	0.01	0.01	0.01	2/28/2020 12:00	1.20	3/15/2020 19:00	1.18

Table 2-2 (Continued) Concentrations of Air Toxics in Parts Per Billion - Downwind #1 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.01	0.00	0.01	0.01	1/10/2020 17:00	1.07	1/10/2020 18:00	0.58
i-Propylbenzene	0.00	0.00	0.00	0.00	3/07/2020 06:00	0.32	2/04/2020 11:00	0.10
a-Pinene	0.00	0.00	0.01	0.01	3/20/2020 12:00	6.00	3/29/2020 17:00	0.36
n-Propylbenzene	0.00	0.00	0.00	0.00	3/29/2020 22:00	0.61	3/14/2020 02:00	0.30
m-Ethyltoluene	0.00	0.00	0.00	0.00	1/10/2020 17:00	0.14	3/08/2020 14:00	0.10
p-Ethyltoluene	0.00	0.00	0.00	0.00	2/02/2020 11:00	0.11	3/24/2020 13:00	0.05
1,3,5- Trimethylbenzene	0.01	0.01	0.00	0.01	2/27/2020 18:00	0.48	1/29/2020 10:00	0.37
o-Ethyltoluene	0.00	0.00	0.00	0.00	3/13/2020 18:00	0.13	2/02/2020 23:00	0.11
b-Pinene	0.00	0.00	0.00	0.00	3/15/2020 12:00	0.49	3/21/2020 13:00	0.29
1,2,4- Trimethylbenzene	0.01	0.01	0.00	0.01	2/03/2020 21:00	0.47	1/29/2020 16:00	0.31
n-Decane	0.01	0.01	0.01	0.01	2/03/2020 21:00	0.75	3/30/2020 14:00	0.75
1,2,3- Trimethylbenzene	0.00	0.01	0.00	0.00	2/07/2020 19:00	1.46	2/03/2020 21:00	0.85
m-Diethylbenzene	0.00	0.00	0.00	0.00	2/03/2020 21:00	0.55	3/06/2020 06:00	0.07
p-Diethylbenzene	0.00	0.00	0.00	0.00	2/02/2020 07:00	1.75	3/26/2020 14:00	0.64
n-Undecane	0.01	0.00	0.00	0.00	2/03/2020 21:00	0.41	3/12/2020 18:00	0.40
n-Dodecane	0.01	0.00	0.00	0.00	2/02/2020 07:00	0.60	1/31/2020 17:00	0.12
Total Hydrocarbons	37.75	9.46	35.65	29.35	1/10/2020 17:00	970.05	1/10/2020 18:00	557.49

Table 2-3 Concentrations of Air Toxics in Parts Per Billion - Downwind #2 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	9.84	8.00	8.75	8.87	2/17/2020 00:00	287.39	1/02/2020 10:00	209.62
Ethylene	0.60	0.46	0.35	0.47	1/23/2020 11:00	3.41	1/23/2020 10:00	3.37
Propane	4.45	3.80	3.40	3.88	2/17/2020 00:00	307.14	1/02/2020 10:00	82.22
Propene	0.98	0.59	0.38	0.65	2/17/2020 00:00	4.45	1/23/2020 01:00	1.60
i-Butane	0.54	0.44	0.38	0.45	2/17/2020 00:00	83.82	1/02/2020 10:00	6.00
n-Butane	1.39	1.15	0.97	1.17	2/17/2020 00:00	225.67	1/10/2020 16:00	15.92
Acetylene	0.53	0.33	0.71	0.53	1/23/2020 10:00	2.39	1/23/2020 11:00	2.16
Trans-2-Butene	0.09	0.10	0.11	0.10	2/17/2020 00:00	0.41	3/19/2020 01:00	0.15
1-Butene	0.01	0.01	0.00	0.01	2/17/2020 00:00	0.25	3/15/2020 22:00	0.14
Cis-2-Butene	0.02	0.02	0.03	0.02	2/17/2020 00:00	1.29	3/08/2020 04:00	0.09
Cyclopentane	0.29	0.29	0.32	0.30	1/10/2020 16:00	4.28	1/14/2020 03:00	3.38
i-Pentane	0.20	0.19	0.29	0.23	2/17/2020 00:00	84.11	1/23/2020 08:00	2.54
n-Pentane	0.36	0.30	0.02	0.22	2/17/2020 00:00	110.22	1/14/2020 03:00	4.48
1, 3-Butadiene	0.03	0.02	0.02	0.02	3/07/2020 19:00	0.30	1/13/2020 11:00	0.26
Trans-2-Pentene	0.06	0.05	0.05	0.05	3/13/2020 16:00	0.87	3/30/2020 14:00	0.77
1-Pentene	0.00	0.00	0.00	0.00	1/14/2020 01:00	0.39	1/22/2020 04:00	0.24
Cis-2-Pentene	0.01	0.00	0.00	0.00	1/17/2020 06:00	3.34	3/29/2020 12:00	0.04
2, 3- Dimethylbutane	0.05	0.02	0.04	0.04	1/10/2020 16:00	0.96	1/22/2020 06:00	0.48
3- Methyl-Pentane	0.00	0.00	0.01	0.00	3/12/2020 07:00	0.16	3/14/2020 08:00	0.12
n-Hexane	0.08	0.06	0.08	0.08	2/17/2020 00:00	24.34	3/20/2020 12:00	1.29
Isoprene	0.00	0.00	0.02	0.01	3/20/2020 12:00	17.24	1/23/2020 04:00	0.17
1-Hexene	0.00	0.00	0.00	0.00	3/15/2020 03:00	0.43	2/20/2020 00:00	0.26

Table 2-3 (Continued) Concentrations of Air Toxics in Parts Per Billion - Downwind #2 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
2, 4- Dimethylpentane	0.01	0.00	0.01	0.01	1/05/2020 20:00	0.18	1/07/2020 07:00	0.18
2, 3- Dimethylpentane	0.03	0.04	0.01	0.03	1/03/2020 16:00	0.78	2/17/2020 00:00	0.69
2, 2- Dimethylbutane	0.00	0.00	0.00	0.00	2/17/2020 00:00	1.54	1/05/2020 08:00	0.16
2-Methyl-Pentane	0.10	0.08	0.02	0.06	2/17/2020 00:00	17.98	1/10/2020 16:00	2.26
Methyl-Cyclopentane	0.01	0.01	0.01	0.01	2/17/2020 00:00	1.92	3/16/2020 06:00	0.79
Benzene	0.16	0.14	0.27	0.20	3/26/2020 12:00	23.42	3/30/2020 13:00	17.11
Tetrachloromethane	0.00	0.00	0.01	0.01	3/13/2020 22:00	2.23	3/05/2020 18:00	1.82
Cyclohexane	0.01	0.01	0.00	0.01	2/17/2020 00:00	2.13	3/10/2020 09:00	0.95
2-Methyl-Hexane	0.01	0.00	0.00	0.01	1/10/2020 16:00	0.91	2/17/2020 00:00	0.52
3-Methyl-Hexane	0.03	0.01	0.00	0.02	2/17/2020 00:00	2.41	1/10/2020 16:00	1.06
2,2,4- Trimethylpentane	0.00	0.00	0.00	0.00	1/02/2020 09:00	0.59	3/11/2020 14:00	0.42
n-Heptane	0.05	0.02	0.03	0.03	3/29/2020 07:00	12.03	2/17/2020 00:00	3.27
Methyl-Cyclohexane	0.03	0.01	0.00	0.01	2/17/2020 00:00	1.74	1/10/2020 16:00	0.93
2,3,4- Trimethylpentane	0.00	0.00	0.00	0.00	3/08/2020 10:00	0.82	3/08/2020 07:00	0.48
Toluene	0.11	0.08	0.17	0.12	3/30/2020 19:00	9.72	3/20/2020 16:00	9.34
2-Methyl-Heptane	0.00	0.00	0.00	0.00	3/08/2020 07:00	0.37	1/10/2020 16:00	0.35
3-Methyl-Heptane	0.00	0.00	0.02	0.01	3/29/2020 09:00	7.53	3/27/2020 05:00	2.01
n-Octane	0.01	0.00	0.02	0.01	3/26/2020 05:00	3.56	3/08/2020 10:00	1.46
Tetrachloroethene	0.01	0.00	0.00	0.01	1/04/2020 08:00	2.34	1/15/2020 23:00	0.99
Ethylbenzene	0.00	0.00	0.00	0.00	1/03/2020 11:00	1.15	3/09/2020 11:00	0.90
m/p-Xylenes	0.03	0.01	0.15	0.07	3/25/2020 11:00	7.43	3/25/2020 20:00	6.34
Styrene	0.01	0.00	0.03	0.01	3/25/2020 04:00	5.49	3/14/2020 16:00	5.44
o-Xylene	0.01	0.00	0.00	0.00	1/24/2020 08:00	4.40	3/28/2020 06:00	0.90

Table 2-3 (Continued) Concentrations of Air Toxics in Parts Per Billion - Downwind #2 Station

Parameter	Jan. Average (ppb)	Feb. Average (ppb)	March Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.00	0.00	0.01	0.00	3/23/2020 14:00	2.64	1/03/2020 11:00	1.18
i-Propylbenzene	0.00	0.00	0.00	0.00	1/03/2020 11:00	1.27	3/13/2020 10:00	0.31
a-Pinene	0.00	0.00	0.01	0.00	3/27/2020 20:00	2.36	1/24/2020 08:00	1.39
n-Propylbenzene	0.00	0.00	0.00	0.00	1/03/2020 11:00	1.74	3/14/2020 17:00	0.78
m-Ethyltoluene	0.00	0.00	0.00	0.00	1/03/2020 11:00	1.93	3/14/2020 11:00	1.56
p-Ethyltoluene	0.00	0.00	0.00	0.00	1/03/2020 11:00	0.61	1/24/2020 08:00	0.50
1,3,5- Trimethylbenzene	0.00	0.00	0.00	0.00	3/20/2020 19:00	1.06	1/03/2020 11:00	1.04
o-Ethyltoluene	0.00	0.00	0.00	0.00	1/03/2020 11:00	1.40	1/24/2020 08:00	0.98
b-Pinene	0.01	0.00	0.00	0.00	1/03/2020 11:00	1.66	1/24/2020 08:00	0.34
1,2,4- Trimethylbenzene	0.01	0.00	0.00	0.00	1/03/2020 11:00	1.54	1/24/2020 08:00	1.48
n-Decane	0.01	0.00	0.02	0.01	3/27/2020 19:00	4.15	3/25/2020 03:00	3.76
1,2,3- Trimethylbenzene	0.00	0.00	0.00	0.00	1/03/2020 11:00	2.10	1/24/2020 08:00	0.89
m-Diethylbenzene	0.00	0.00	0.02	0.01	3/24/2020 02:00	3.60	1/03/2020 11:00	1.13
p-Diethylbenzene	0.01	0.00	0.00	0.00	1/03/2020 11:00	2.99	3/12/2020 16:00	0.85
n-Undecane	0.00	0.00	0.02	0.01	3/28/2020 23:00	2.90	3/28/2020 11:00	2.44
n-Dodecane	0.00	0.00	0.00	0.00	2/20/2020 11:00	2.28	3/12/2020 22:00	0.67
Total Hydrocarbons	20.26	16.30	16.82	17.78	2/17/2020 00:00	1167.63	1/02/2020 10:00	326.79

2.3 Meteorological Data

Meteorological data records from the Upwind meteorological monitoring site include wind speed, wind direction, wind gust, temperature and relative humidity at ten meters, and barometric pressure at 1.5 meters.

2.3.1 Wind Speed and Horizontal Wind Direction

The most frequent (and predominant) winds during January through March were from the southwest sector. The second most frequent sector was the west-southwest. Reported wind directions represent the directions from which the wind is blowing. Wind speed records show there were 2.1 percent calm winds during January through March 2020. The percentage of wind speeds that were not calm but were less than or equal to 10.8 meters per second (mps) or 24.2 miles per hour (mph) was 97.5 percent for January through March. There were 0.5 percent of wind records showing greater than 10.8 mps during January through March. The sector with the highest average wind speed was west at 5.1 mps. The maximum wind gust during January through March was 24.8 mps (55.5 mph) which occurred on January 12 at 04:00.

Figures 2.1 through 2.3 provide diagrams of the joint frequency of occurrence distributions (wind rose) of the vector wind speed and wind direction by month for January through March 2020. Figure 2.4 presents the combined wind rose for January through March 2020. Summary tables of hourly average wind direction and wind speed by month for January through March are presented in Appendix C.

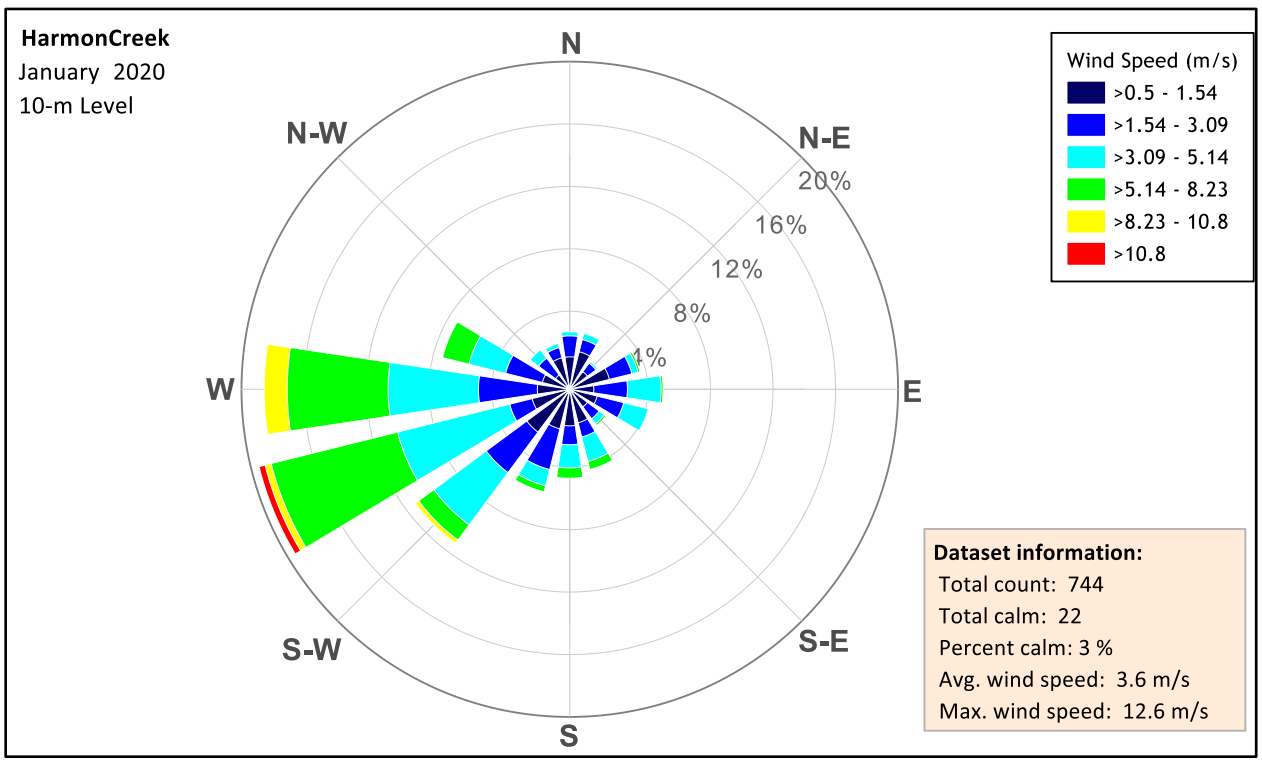


Figure 2.1 Wind Rose for January 2020

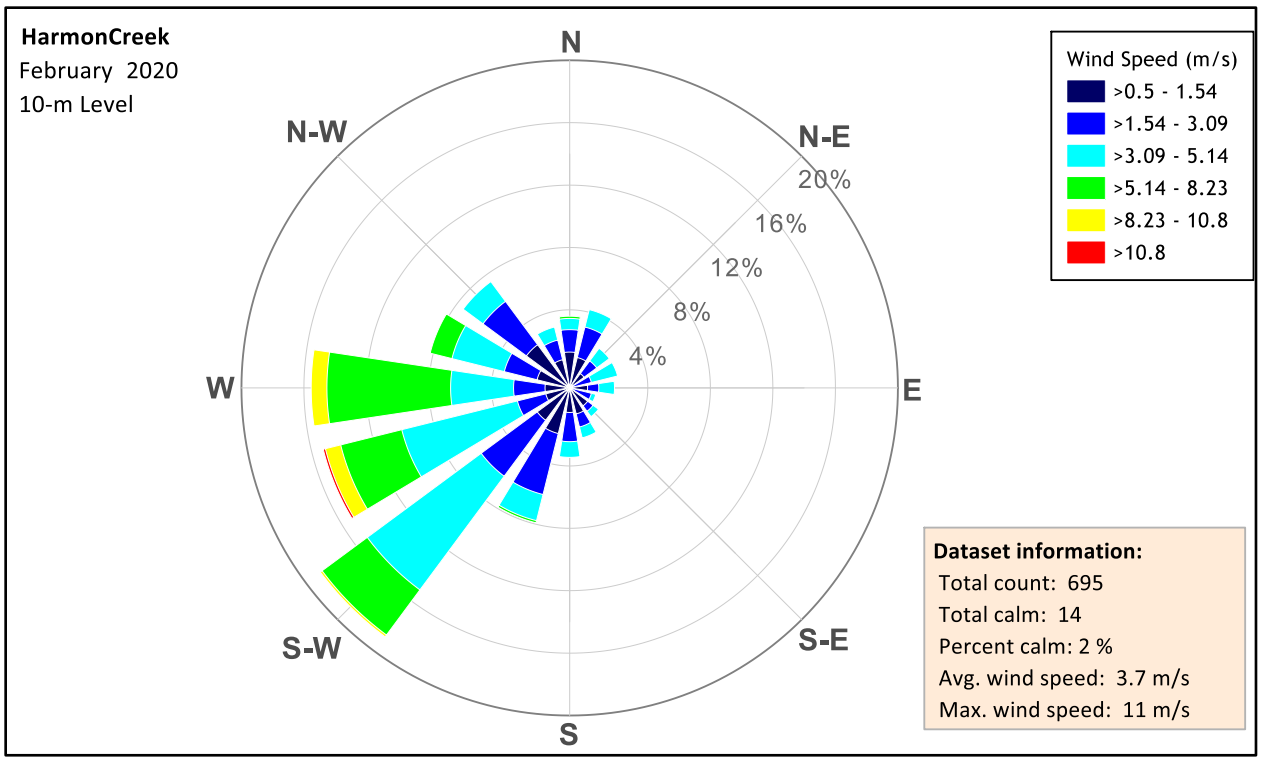


Figure 2.2 Wind Rose for February 2020

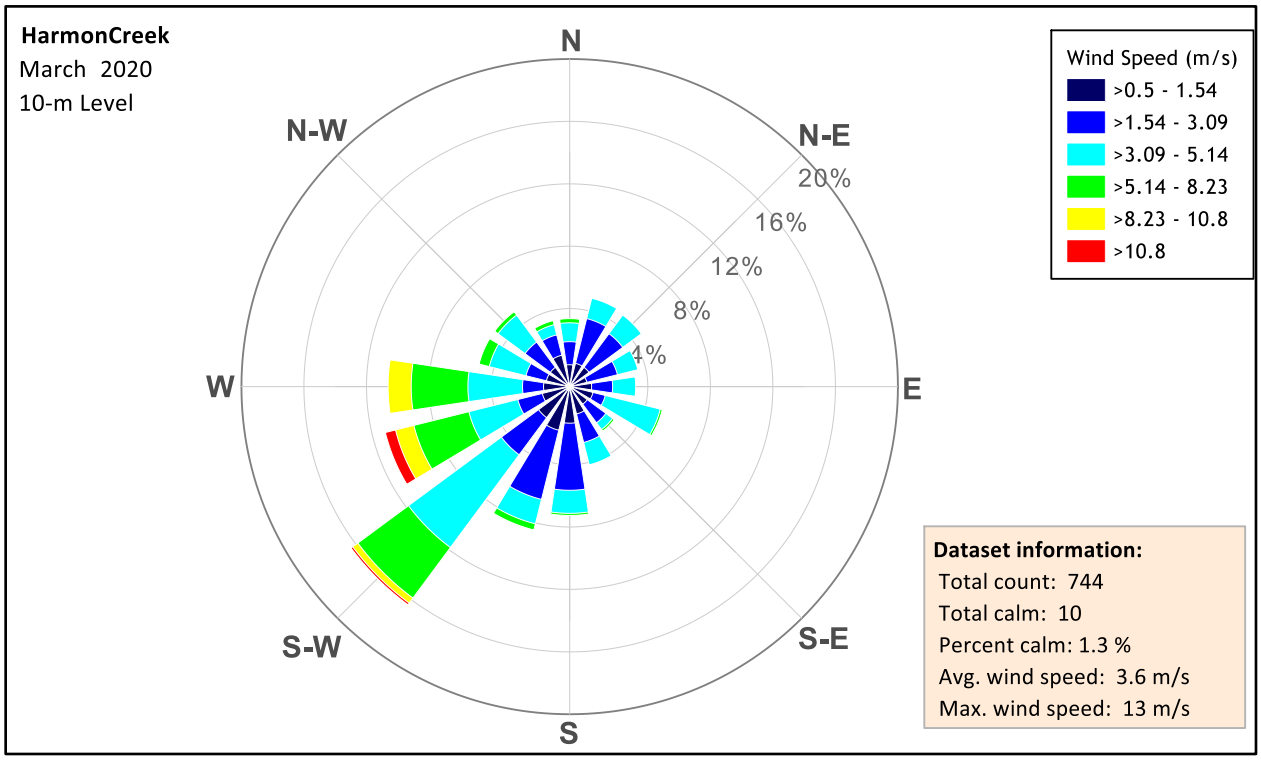


Figure 2.3 Wind Rose for March 2020

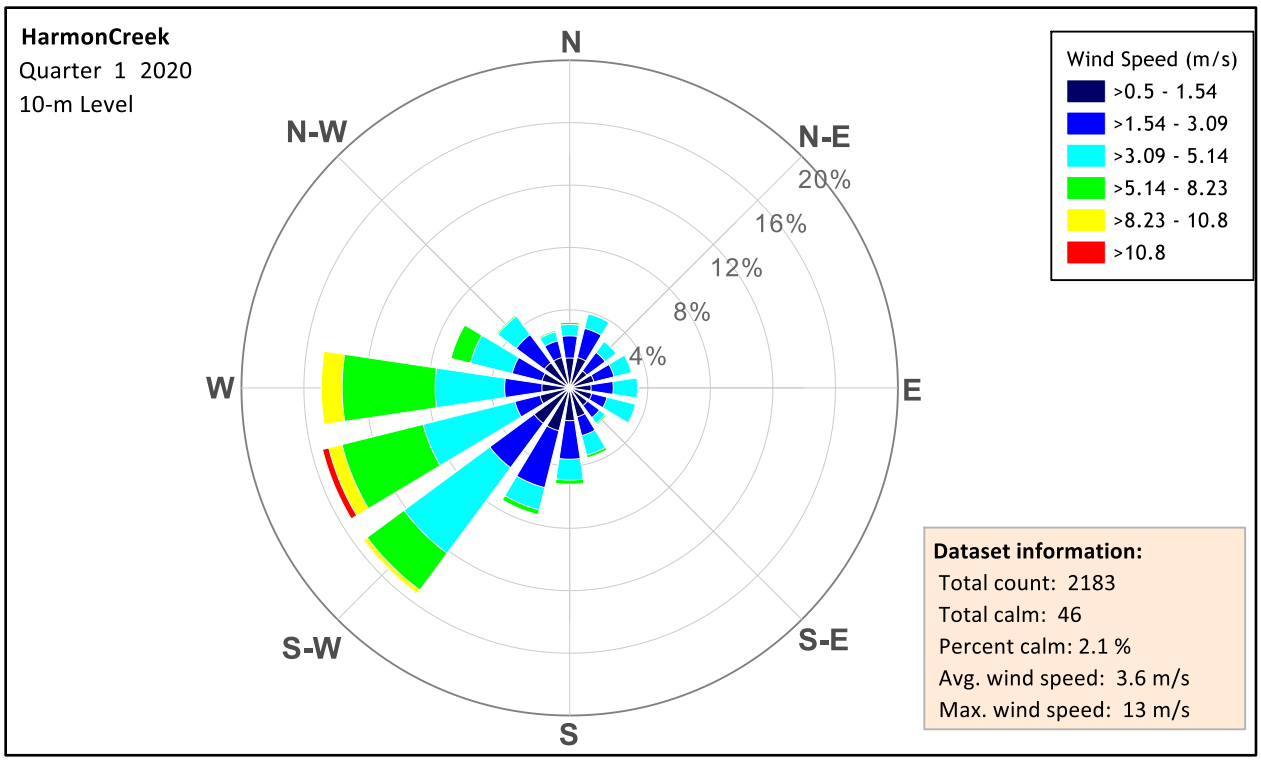


Figure 2.4 Wind Rose First Quarter (January through March) 2020

2.3.2 Temperature

The monthly maximum and minimum daily mean and hourly temperatures for January through March 2020 are summarized in Table 2-3. January through March data are presented in Appendix D.

Table 2-3 Summary of Temperature in Degrees Centigrade (˚C) for January through March 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
January	1.6	16.5	-8.0	22.2	-12.8
February	1.0	11.2	-7.8	16.8	-13.4
March	7.6	19.4	-0.4	24.4	-6.8

2.3.3 Relative Humidity

Table 2-4 presents the monthly means, maximum, and minimum relative humidity information for January through March 2020. Relative humidity data are presented in Appendix E.

Table 2-4 Relative Humidity Data in Percent for January through March 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
January	76	98	54	100	29
February	73	99	33	100	22
March	71	91	30	100	14

2.3.4 Barometric Pressure

Barometric pressure data for January through March are presented in Table 2-5 and in Appendix F.

Table 2-5 Barometric Pressure Data in Millibars (mb) for January through March 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
January	978	996	966	999	964
February	975	991	956	993	949
March	977	989	962	992	956

2.4 Data Recovery

Data recoveries in percent possible for January through March for the air toxic monitoring stations are provided in Table 2-6. Meteorological measurement data recovery for January through March is presented in Table 2-7

Table 2-6 Data Recovery for Air Toxics Data for January through March 2020

Month	Air Toxics		
	Upwind (%)	Downwind #1 (%)	Downwind#2 (%)
January	94.9	79.7	89.7
February	61.5	65.7	95.0
March	80.9	87.6	94.0

Table 2-7 Meteorological Data Recovery for January through March 2020

Month	Wind Speed (%)	Wind Direction (%)	Temp. (%)	Relative Humidity (%)	Barometric Pressure (%)
January	100	100	100	100	100
February	99.9	99.9	100	100	100
March	100	100	100	100	100

3.0 QUALITY CONTROL

Air toxics and meteorological data collected at the Harmon Creek monitoring sites have been subjected to a series of quality control procedures to document the validity of the data and increase the integrity of the data sets. The quality control performed for these data is described in this section.

3.1 Visual Inspection of Equipment

Visual inspection of the CAS-GC's, meteorological tower and sensors is performed monthly by the site technician who alerts Trinity when abnormal conditions are observed. Corrective action is determined based on the problem.

3.2 Remote Interrogation of the Monitoring Station

The data logger at the monitoring sites are interrogated every five-minutes to download the meteorological and/or shelter temperature data. Air toxic data are gathered hourly via FTP. Abnormal data values or apparent problems are reported immediately to the program manager who initiates corrective action and determines if a special visit to the site is required.

3.3 Quality Control Data Inspections

Data review is conducted daily utilizing electronic and visual scanning to identify outliers and determine whether data are reasonable and representative. Data review includes evaluation of the raw data, daily internal calibration information, flow data, maintenance records, calibration and audit data. Any abnormalities in the data are flagged and noted.

Once data are downloaded via modem, they are subjected to a series of quality control checks by a software package. The software package performs extensive quality control checks of the data, generates a data summary report which lists means, maximums, minimums, time of occurrence, data values which fall outside of prescribed ranges, periods of constant values, and periods of rapid value changes. This software uses selected data flagging criteria. Example criteria that will cause a data flag in the air toxics and meteorological data include:

- Time increments greater than one hour (Air Toxics) between data records;
- Difference between upwind and downwind concentrations greater than 200 ppb;
- Air toxic concentrations less than 0 ppb;
- Operating temperature <15°C;
- Operating temperature >30°C;
- Wind speed >25 m/s for a 5-minute average;
- Temperature change exceeds 4°C in a 5-minute period;
- Time increments greater than 5 minutes between data records;
- Ambient temperature exceeds 35°C;
- Ambient temperature falls below -30°C;
- Wind direction unchanged for 1 or more hours;
- Horizontal wind speed unchanged for 1 or more hours;
- Temperature unchanged for 1 or more hours;
- Battery voltage <11 volts;
- Change in pressure more than 1 mb in 5 minutes;
- Pressure is <795 and >795 mb; and,
- Relative humidity <5% and >100%.

To aid in data review and validation, a password-protected project website is hosted which contains 24-hour air toxic, and meteorological chart graphics, daily minimum, maximums, and averages, quality assurance reports and wind roses. Historical data can also be reviewed at this website. An example of the website's graphics is presented in Figure 3.1.

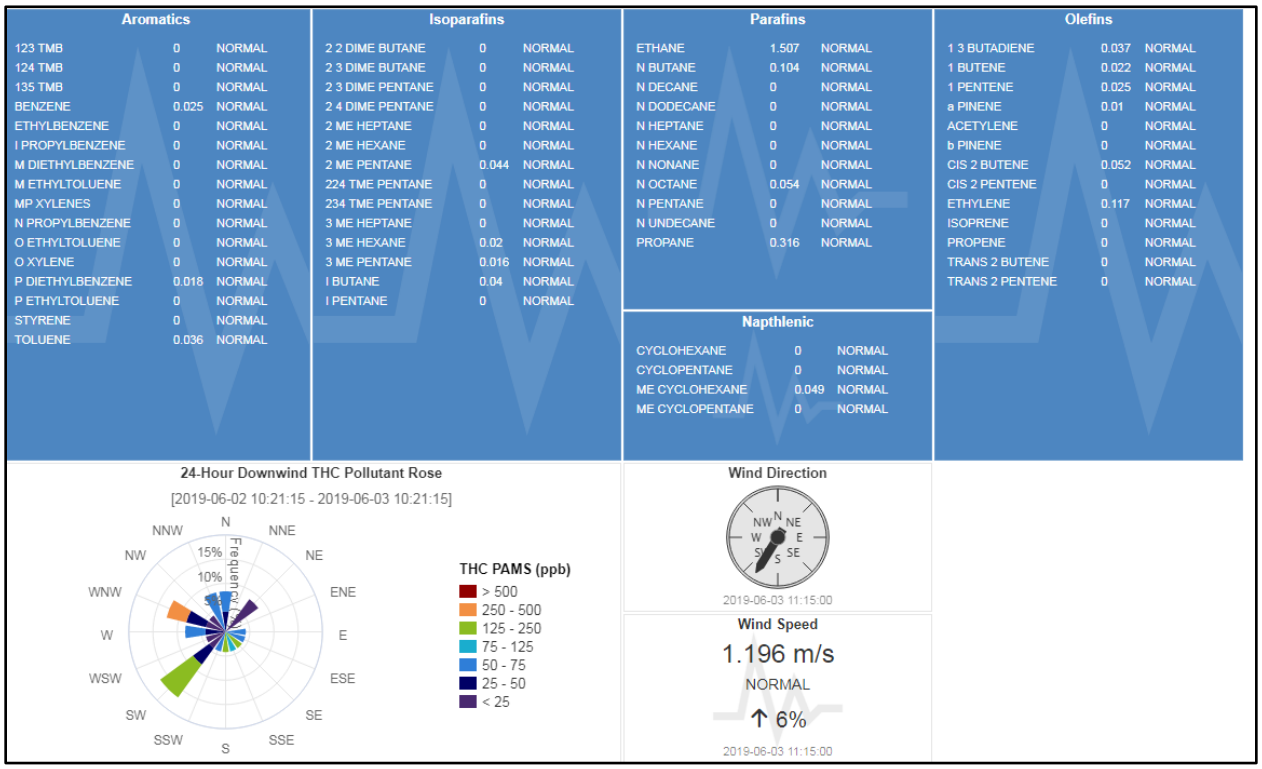


Figure 3.1 Example Air Toxics and Meteorological Parameter Graphic

3.4 Data Validation

When the QC program identifies values that exceed the criteria set for that parameter, the data file is inspected visually. In most cases, a flagged value is not invalid; it merely fell outside of expected ranges or "normal" rates of change for that parameter. If, after investigation, an air quality meteorologist determines that the value is reasonable, the value is not invalidated. If there is a reason to suspect the data point, the value is reset to "missing." (This is done on the data management file only, not on the raw data file collected from the data logger; the raw data file is never manipulated.)

Invalid data parameters for January through March 2020 and corresponding times are presented in Appendix G.

3.5 Summary of Facility Activities

During the first quarter, the following issues were noted that led to air toxic data loss.

Upwind Station

2/19 – 3/5	The CPU board failed. A replacement board was installed on March 5.

Downwind #1 Station

1/15-1/20	The analyzer was offline due to water sensor alarm.
2/19-2/27	Analyzer offline due to water sensor alarm.
2/29 – 3/2	Analyzer offline due to water sensor alarm.
3/10	The water sensor was replaced.
3/20	Site power outage.

Downwind #2 Station

1/19-1/20	System computer failure.
3/5	The unit was offline for water sensor replacement, FID rebuild, and retention time and sensitivity adjustment.
3/20	Site power outage.
3/20-4/1	The C6-C12 compounds were post-processed due to a bad nozzle. The manufacturer believes the data are not invalid but are suspect and likely overestimated. Due to the C2-C6 dominance on total hydrocarbon (THC) concentration, THC is minimally affected.

3.6 Equipment Calibration

The air toxic monitoring equipment performs daily internal analyzer self-calibrations; the meteorological sensor calibrations are performed at installation and every six months or when audits indicate the need or when problems are identified. The meteorological sensors were calibrated on November 21, 2019. Copies of the equipment calibrations are presented in Appendix H.

3.7 Statistics for Assessment of Quality Control Checks

Quality checks start with a comparison of a known value or calibration concentration to the concentration/value measured by the analyzer and use percent difference as the comparison statistic. The percent difference is calculated using the following formula:

The percent difference, using equation 1 below, where Y_i = concentration indicated by the analyzer and X_i = the known concentration was calculated as follows:

$$d_i = \frac{Y_i - X_i}{(X_i)} x100$$

The precision and bias estimates, for C_2-C_6 compounds of Butane and Hexane and for C_6-C_{12} compounds of Hexane, Benzene, and n-Decane are based on the daily calibration checks. The precision estimator is the coefficient of variation upper bound and is calculated using the following equation:

$$\text{CV} = \sqrt{\frac{n\sum_{i=1}^{n} d_i^2 - \left(\sum_{i=1}^{n} d_i\right)^2}{n(n-1)}} \text{ x } \sqrt{\frac{n-1}{x^2{}_{0.1,n-1}}}$$

Where: $x^2{}_{0.1\ n-1}$ is the 10th percentile of a chi-squared distribution with n-1 degrees of freedom.

The bias estimate equation is calculated using the following equation:

$$|AB| = AB + t_{0.95,n-1}\frac{AS}{\sqrt{n}}$$

Where: n is the number of single point checks being aggregated; $t_{0.95,\ n-1}$ is the 95th quantile of a t-distribution with $n-1$ degrees of freedom.

The quantity *AB* is the mean of the absolute values of the *d* i's and is calculated using the following equation:

$$AB = \frac{1}{n} \sum_{i=1}^{n} |d_i|$$

The standard deviation of the absolute value of the *d* i's is calculated using the following equation:

$$AS = \sqrt{\frac{n \sum_{i=1}^{n} |d_i^2| - \left(\sum_{i=1}^{n} |d_i|\right)^2}{n(n-1)}}$$

The upper- and lower-95 percent probability limits are calculated using the following equations:

Upper 95 Percent Probability Limit = $m + 1.96\ S$
Lower 95 Percent Probability Limit = $m - 1.96\ S$

Where: *m* is the mean or average calculated from the total number of daily calibration checks for the interval being evaluated.

The mean percent difference, precision and bias estimates limits for C_2-C_6 and for C_6-C_{12} from the upwind and downwind stations for January through March 2020 are presented in Tables 3-1 and 3-2.

Table 3-1 January through March 2020 Precision and Bias Statistics - Upwind Station

Statistics	Calibration Check				
	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
	Upwind				
Mean Percent Difference	7.81	1.91	4.79	-0.95	-14.94
Standard Deviation	6.89	7.07	1.68	1.51	4.80
Upper 95% Probability	21.31	15.77	8.08	2.01	-5.52
Lower 95% Probability	-5.68	-11.95	1.51	-3.91	-24.35
CV	7.70	7.91	1.87	1.69	5.37
AB	8.82	7.09	4.79	1.48	14.94
AS	5.52	1.69	1.68	0.99	4.80
Bias Estimate	9.86	7.40	5.11	1.67	15.84

Table 3-2 January through March 2020 Precision and Bias Statistics – Downwind #1 Station

Statistics	Calibration Check				
	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
	Downwind #1				
Mean Percent Difference	3.25	-9.80	4.25	-6.03	0.51
Standard Deviation	5.99	5.01	4.28	3.95	3.18
Upper 95% Probability	14.98	0.02	12.64	1.72	6.74
Lower 95% Probability	-8.49	-19.61	-4.14	-13.77	-5.72
CV	6.73	5.63	4.81	4.44	3.57
AB	5.38	9.80	4.31	6.08	2.84
AS	4.15	5.00	4.22	3.87	1.49
Bias Estimate	6.19	10.78	5.14	6.84	3.13

Table 3-3 January through March 2020 Precision and Bias Statistics – Downwind #2 Station

Statistics	Calibration Check				
	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
	Downwind #2				
Mean Percent Difference	-1.64	-4.43	-2.93	-6.63	1.76
Standard Deviation	3.20	5.16	8.20	8.09	10.35
Upper 95% Probability	4.63	5.68	13.13	9.24	22.04
Lower 95% Probability	-7.90	-14.55	-18.99	-22.49	-18.52
CV	3.56	5.75	9.13	9.02	11.53
AB	3.00	5.74	5.26	6.71	9.09
AS	1.96	3.62	6.91	8.02	5.15
Bias Estimate	3.35	6.40	6.53	8.18	10.03

4.0 QUALITY ASSURANCE AUDITS

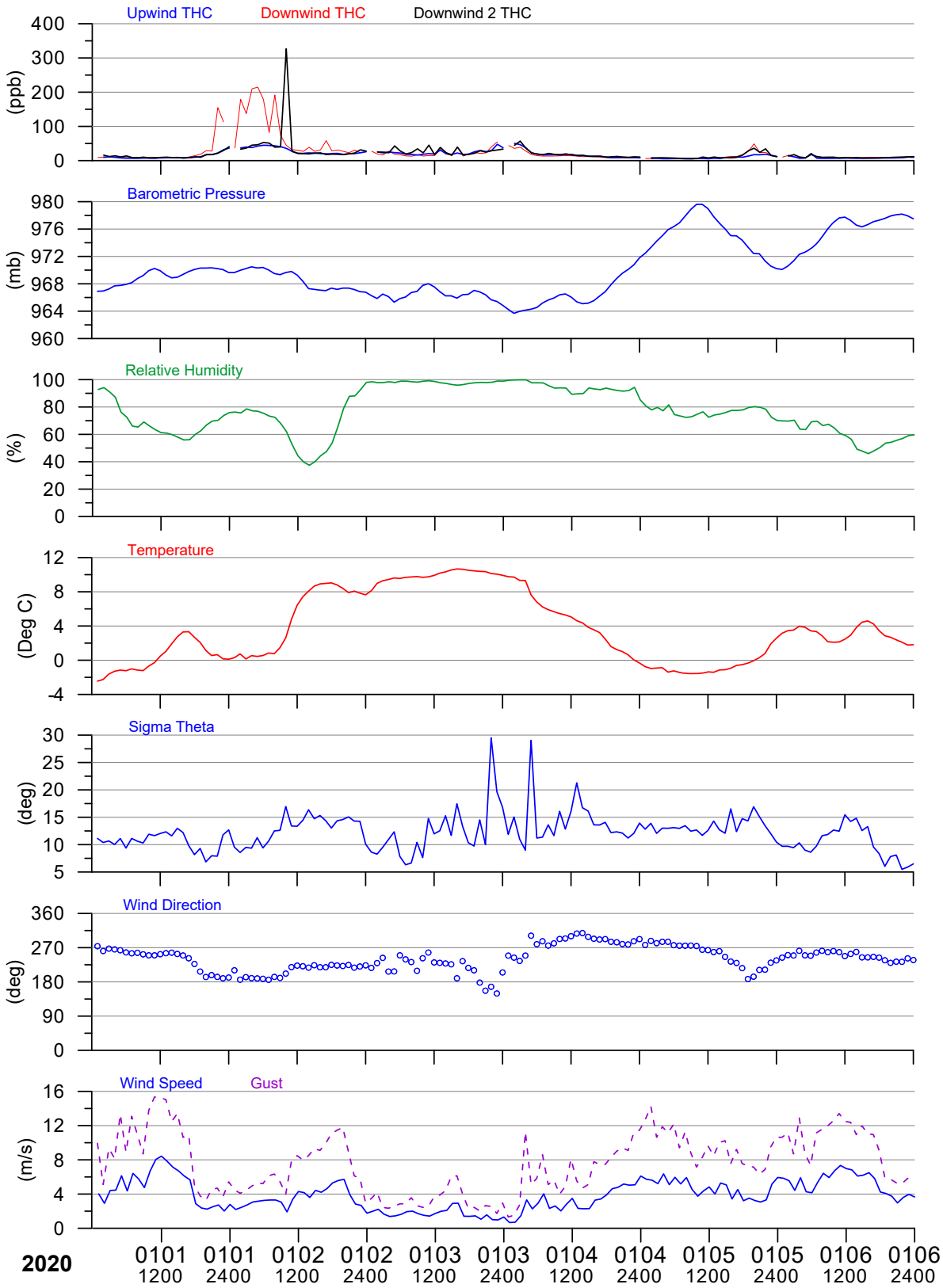
In order to comply with EPA requirements, the monitoring network is required to undergo a performance audit each year. Audit reference standards are independent of those used for calibration checks.

A performance audit of the air toxics and meteorological monitoring equipment was scheduled for the end of March 2020 but has been rescheduled for a later date due to the global COVID-19 pandemic. Per the Quality Assurance Project Plan (QAPP) that was developed for this project, a performance audit needs to occur once per year and prior to October 31, 2020.

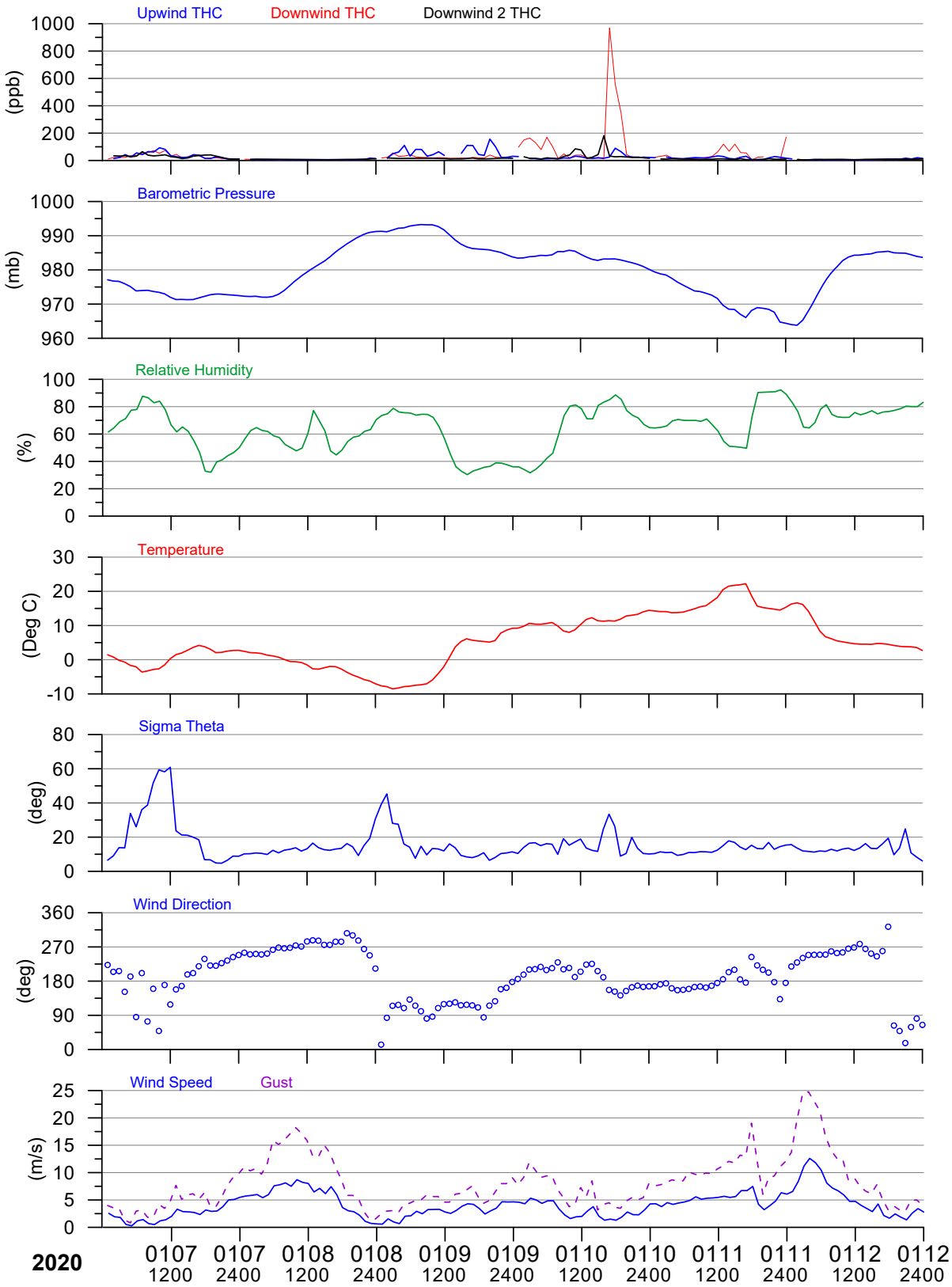
APPENDIX A

Stacked Parameter Plots for January through March 2020

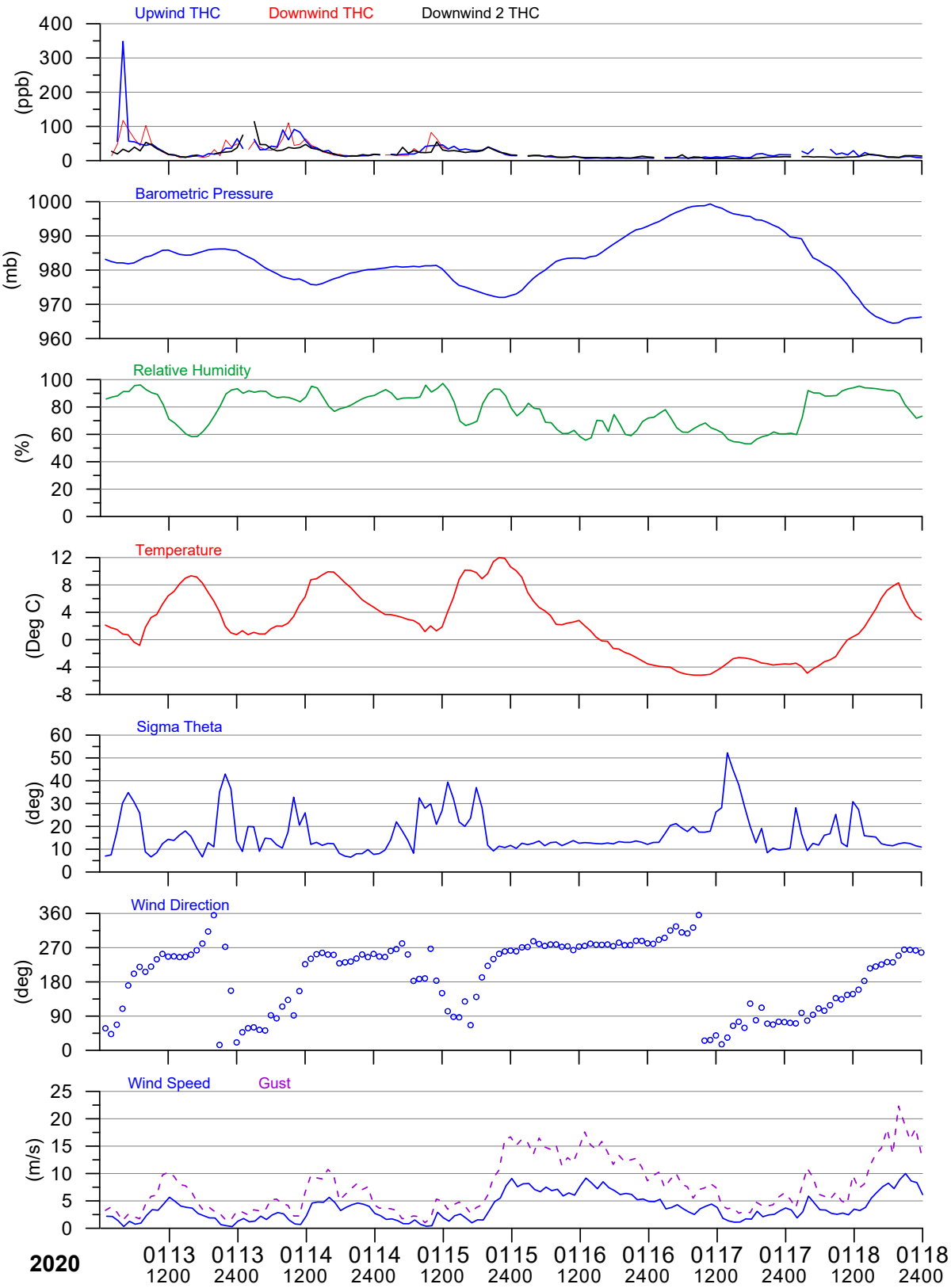
MarkWest HarmonCreek Plots



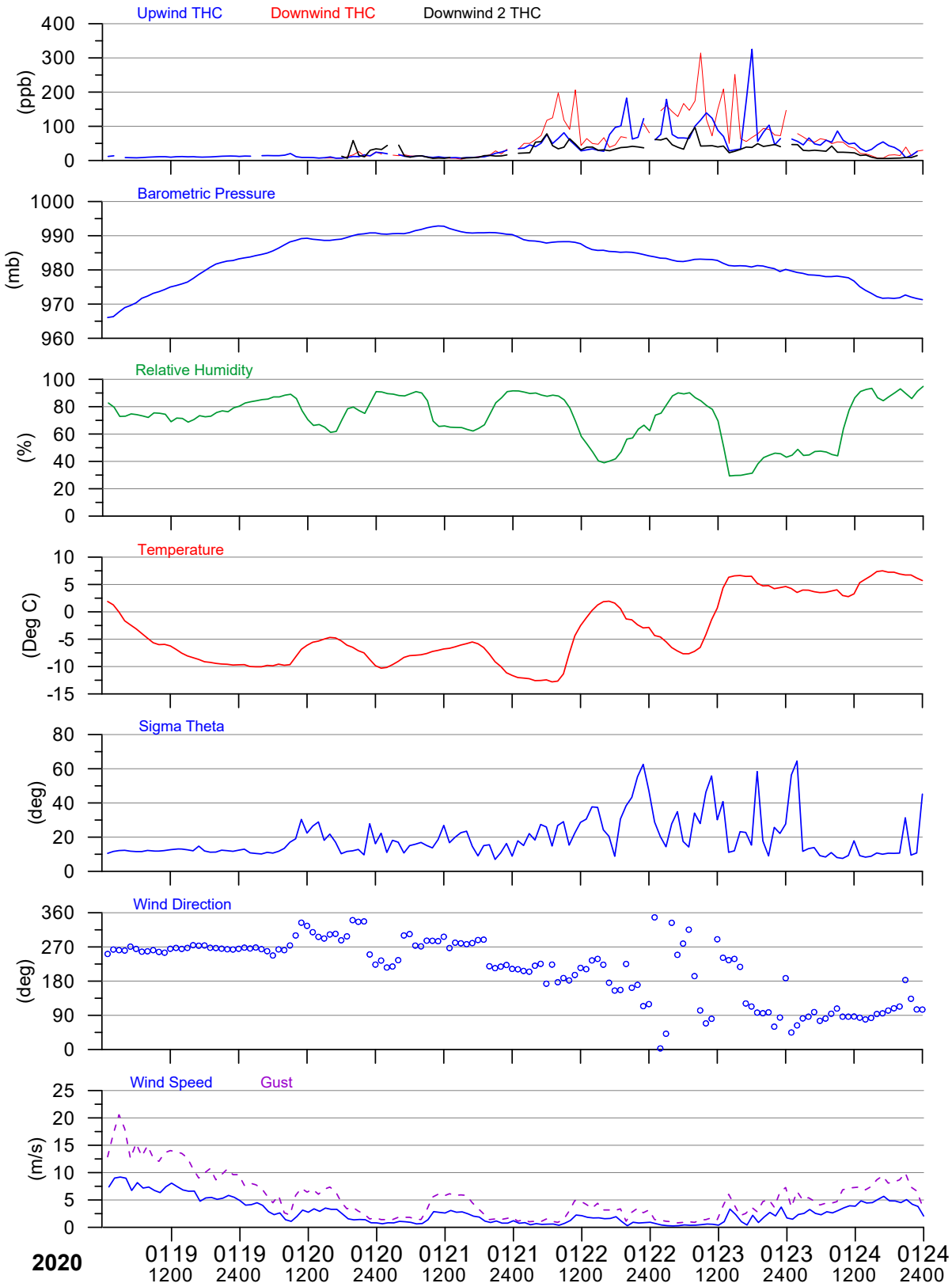
MarkWest HarmonCreek Plots



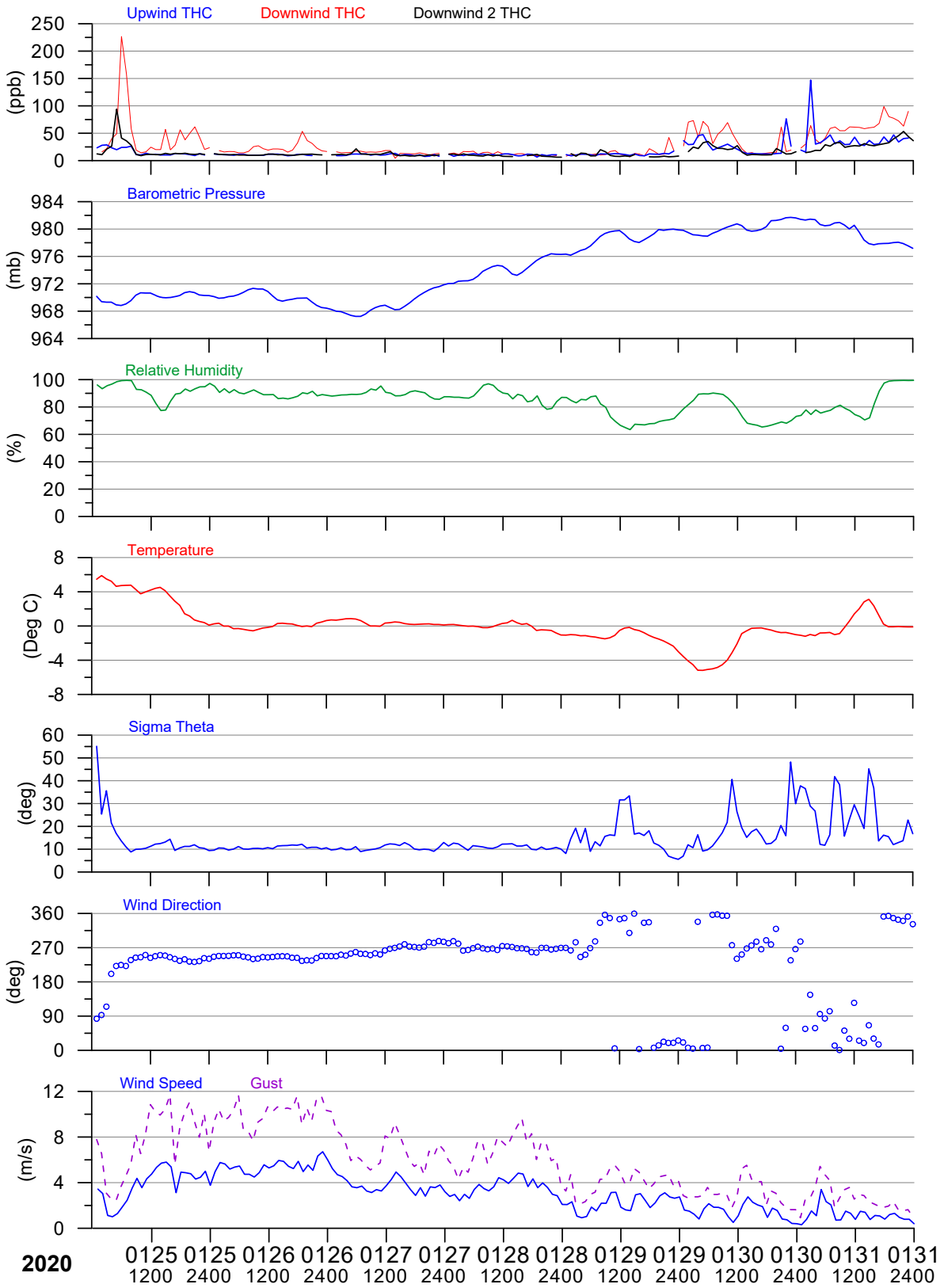
MarkWest HarmonCreek Plots



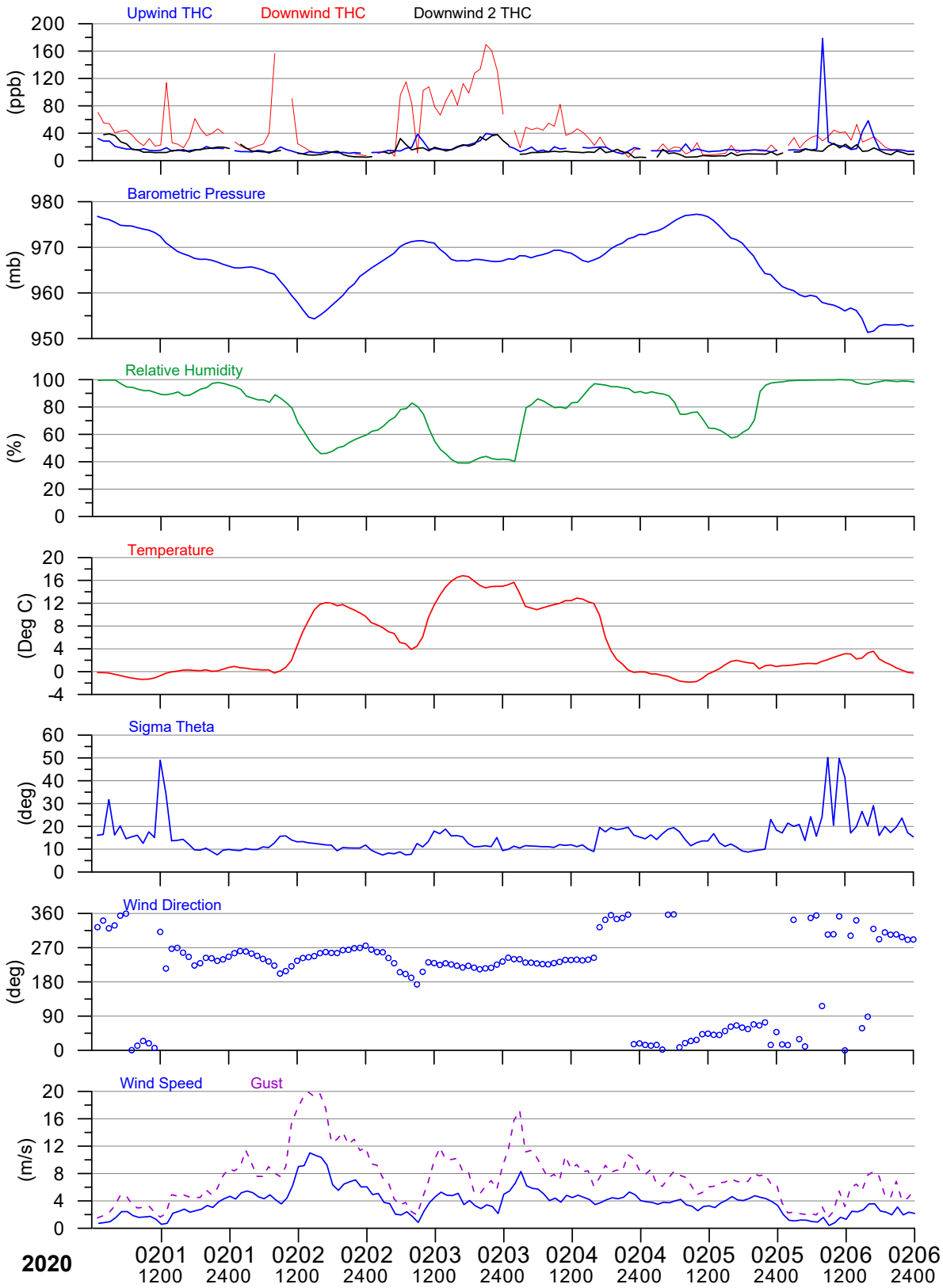
MarkWest HarmonCreek Plots



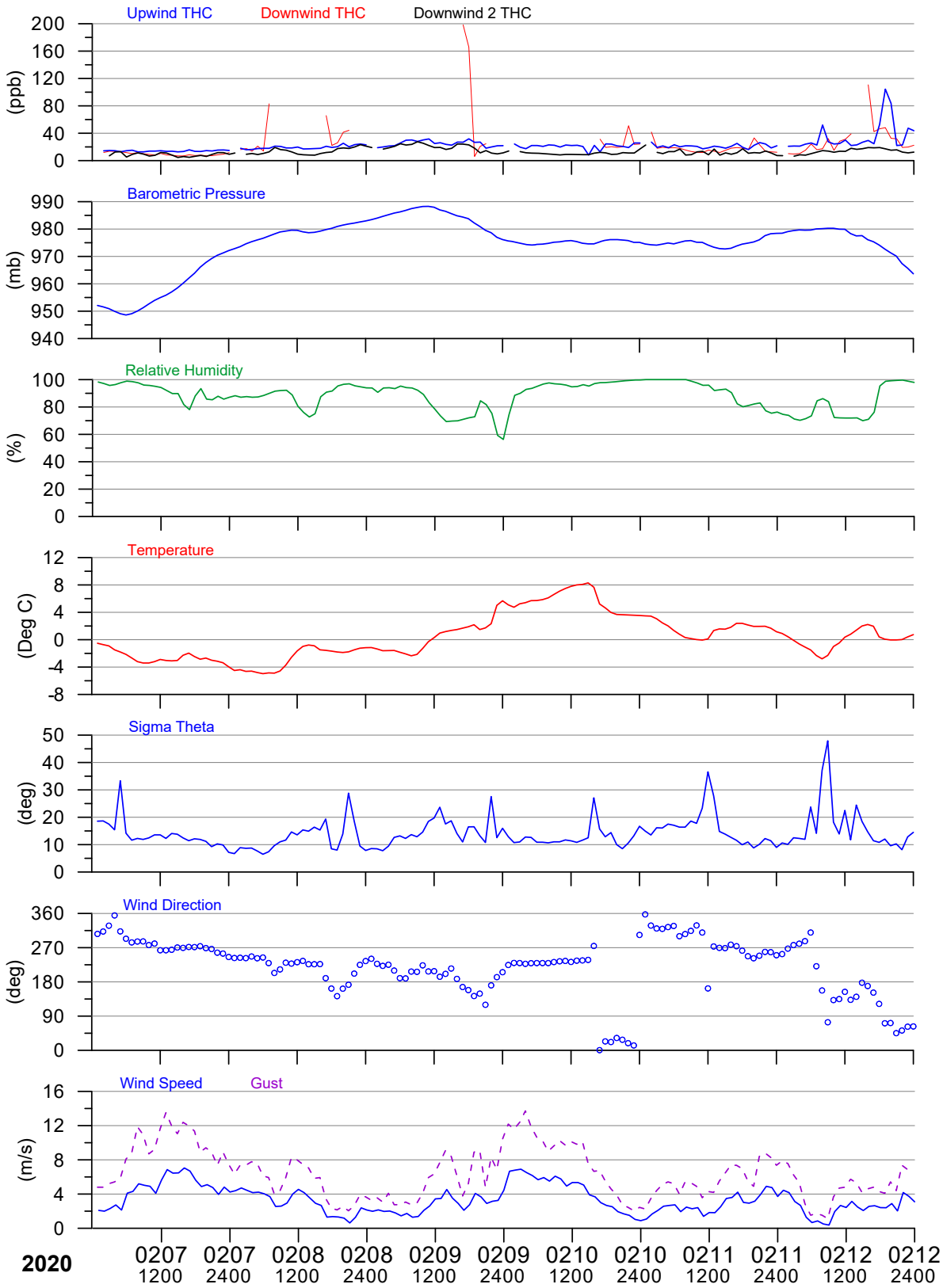
MarkWest HarmonCreek Plots



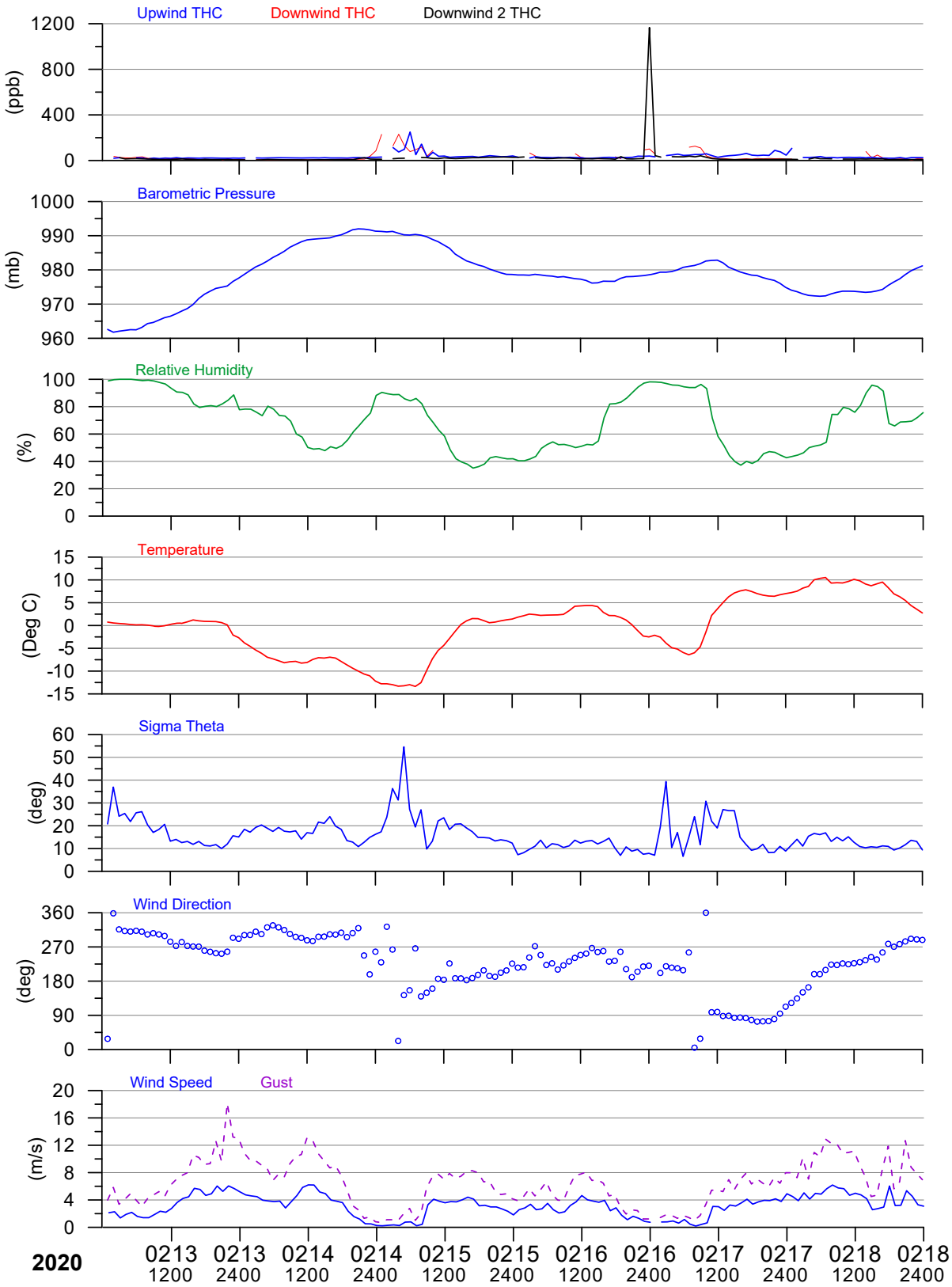
MarkWest HarmonCreek Plots



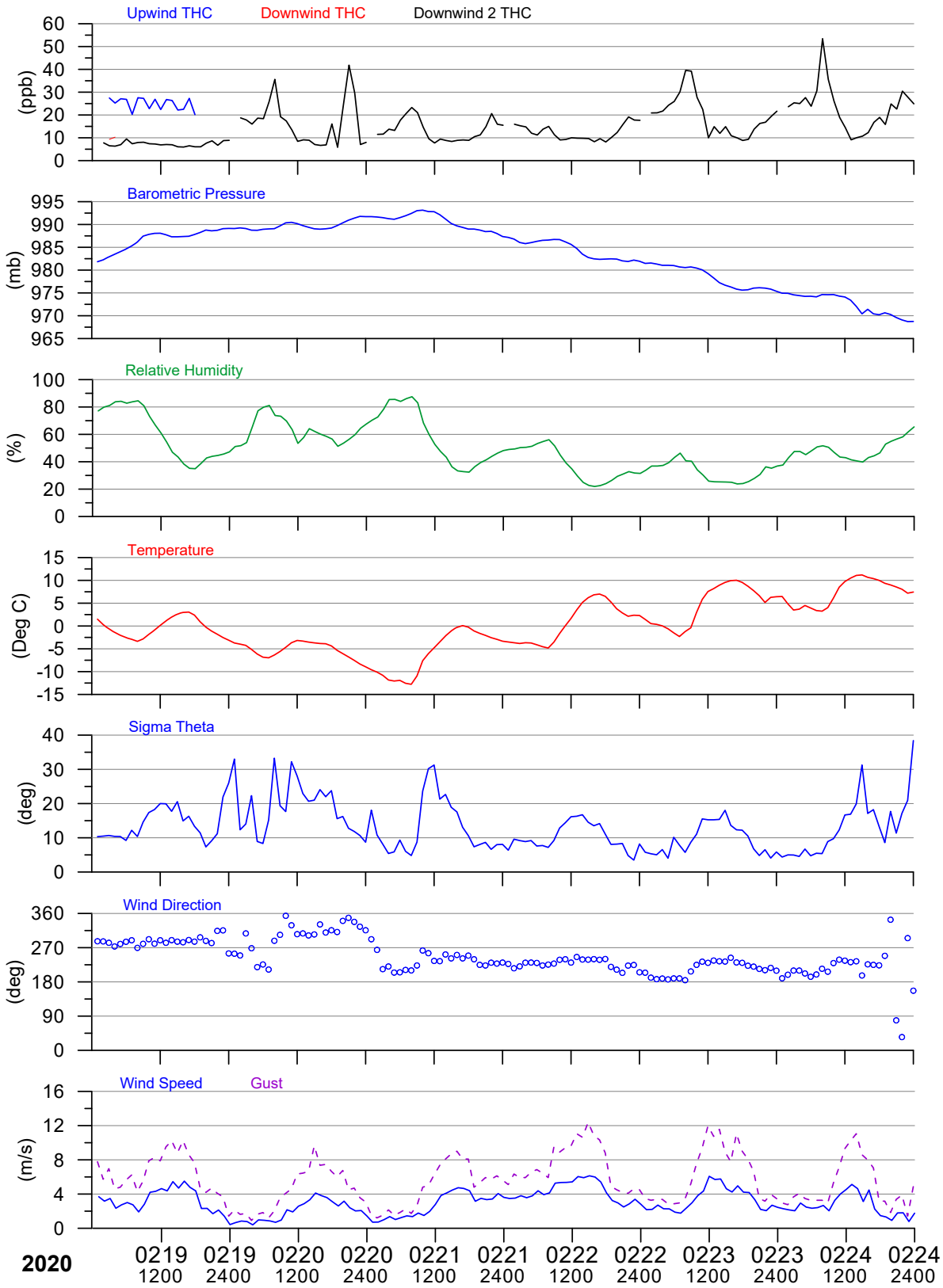
MarkWest HarmonCreek Plots



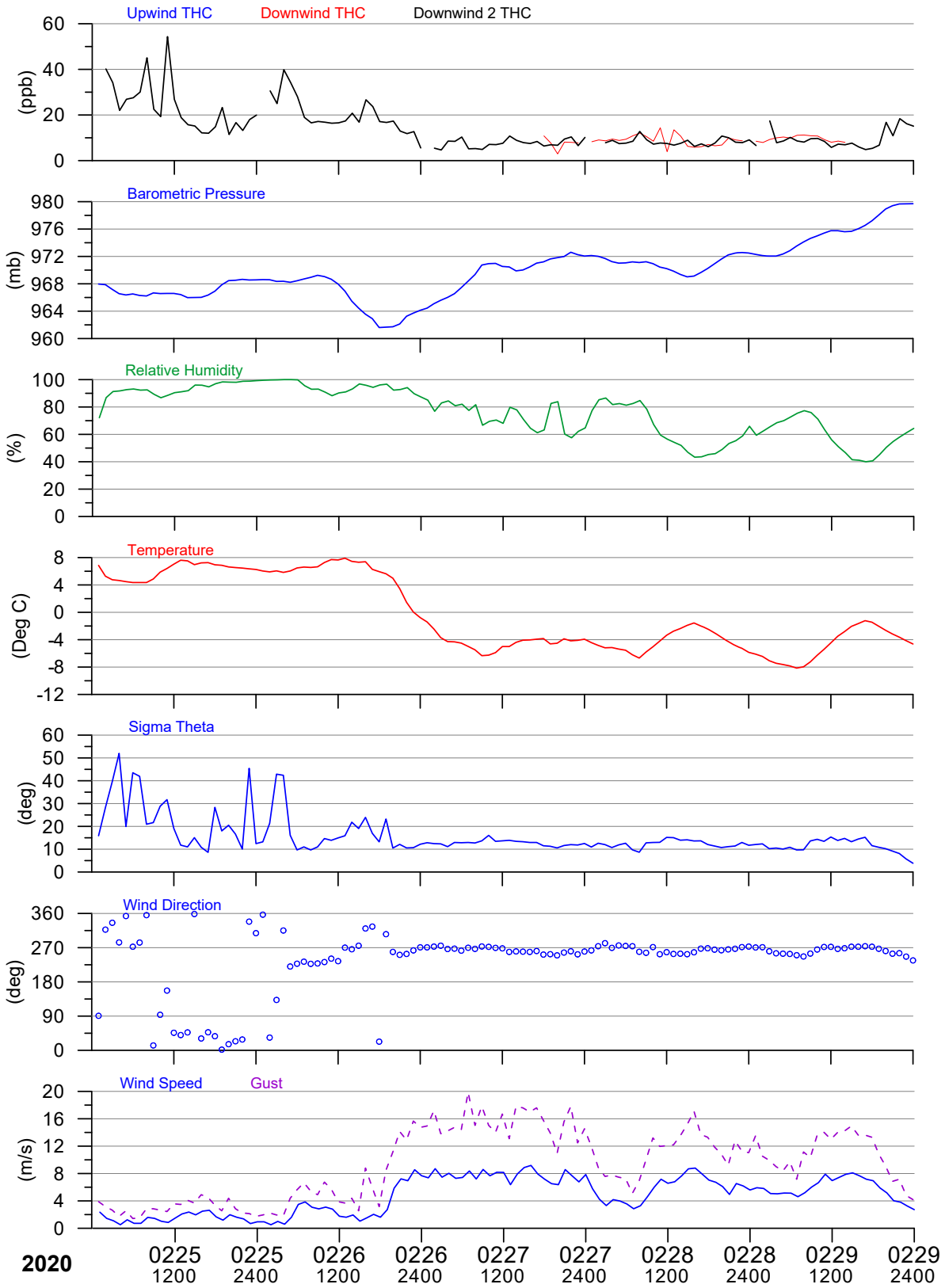
MarkWest HarmonCreek Plots



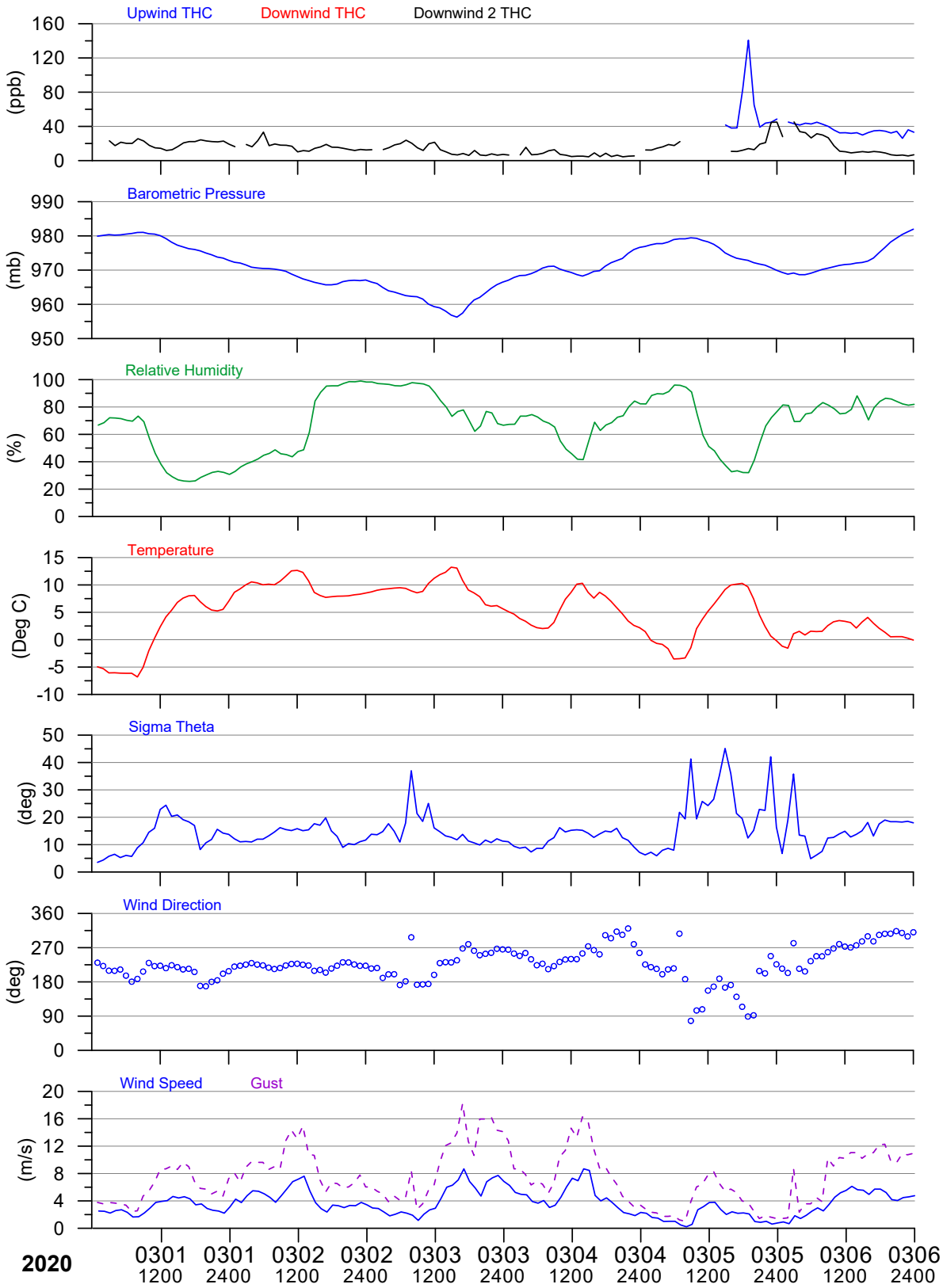
MarkWest HarmonCreek Plots



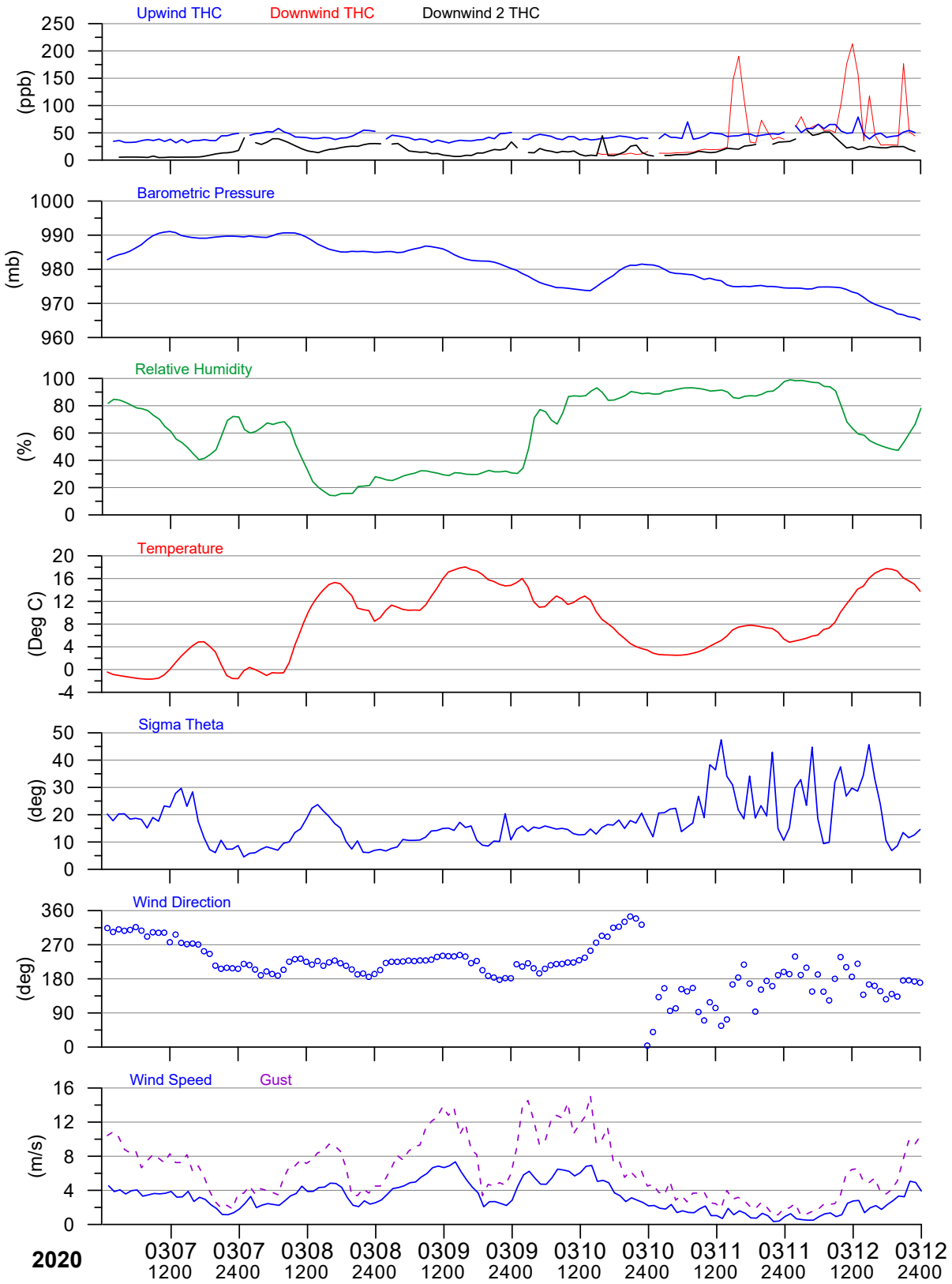
MarkWest HarmonCreek Plots



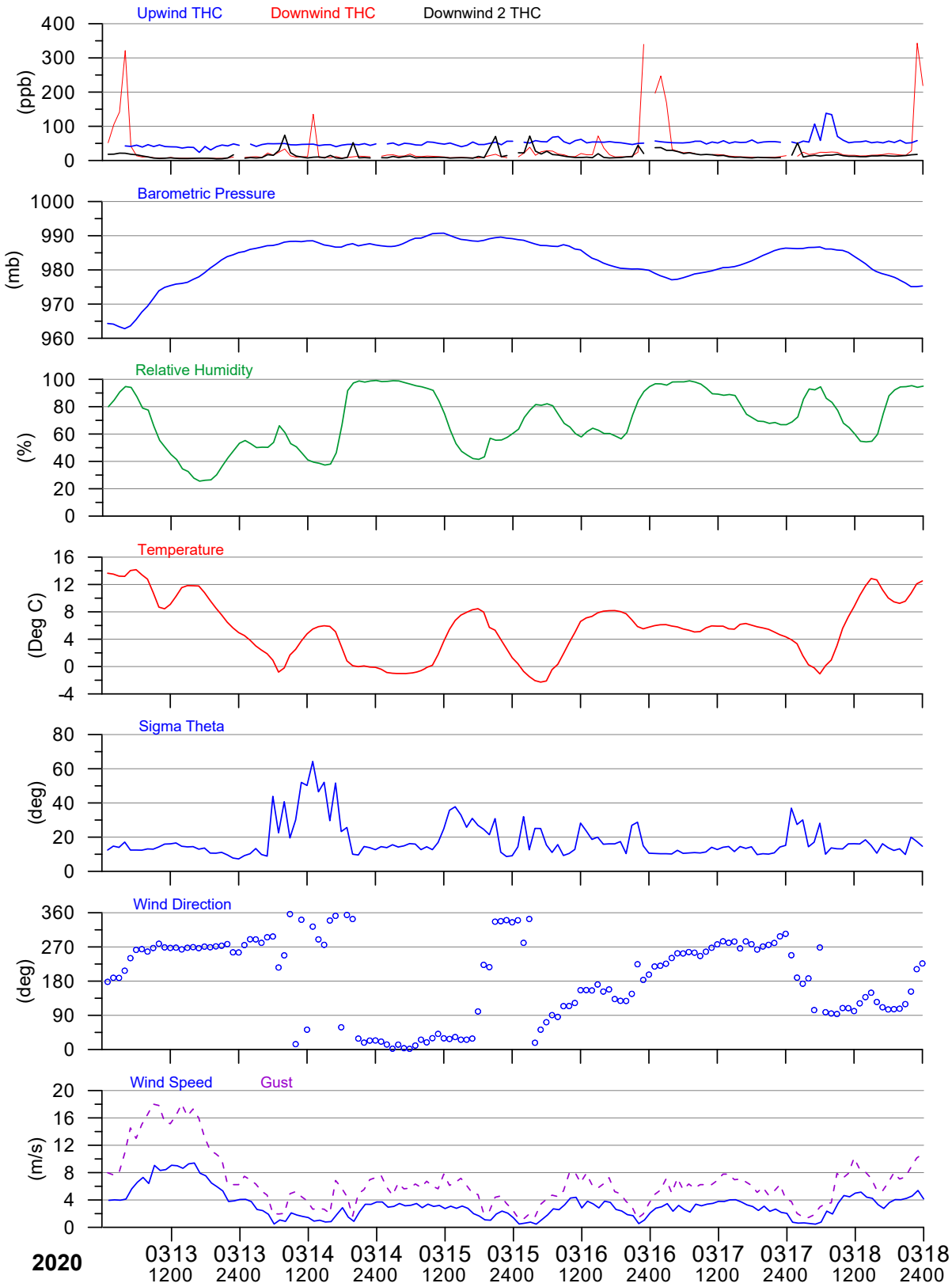
MarkWest HarmonCreek Plots



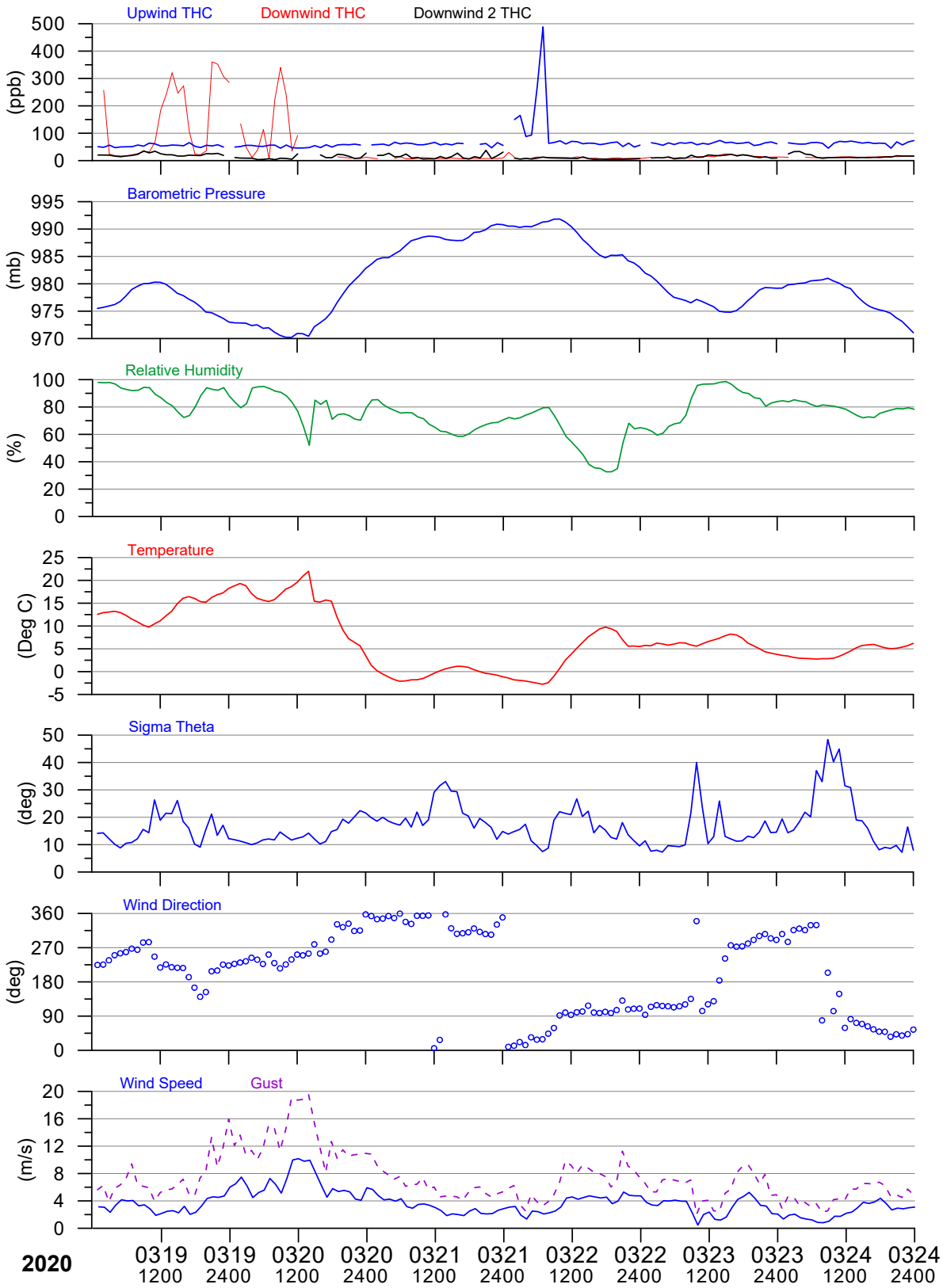
MarkWest HarmonCreek Plots



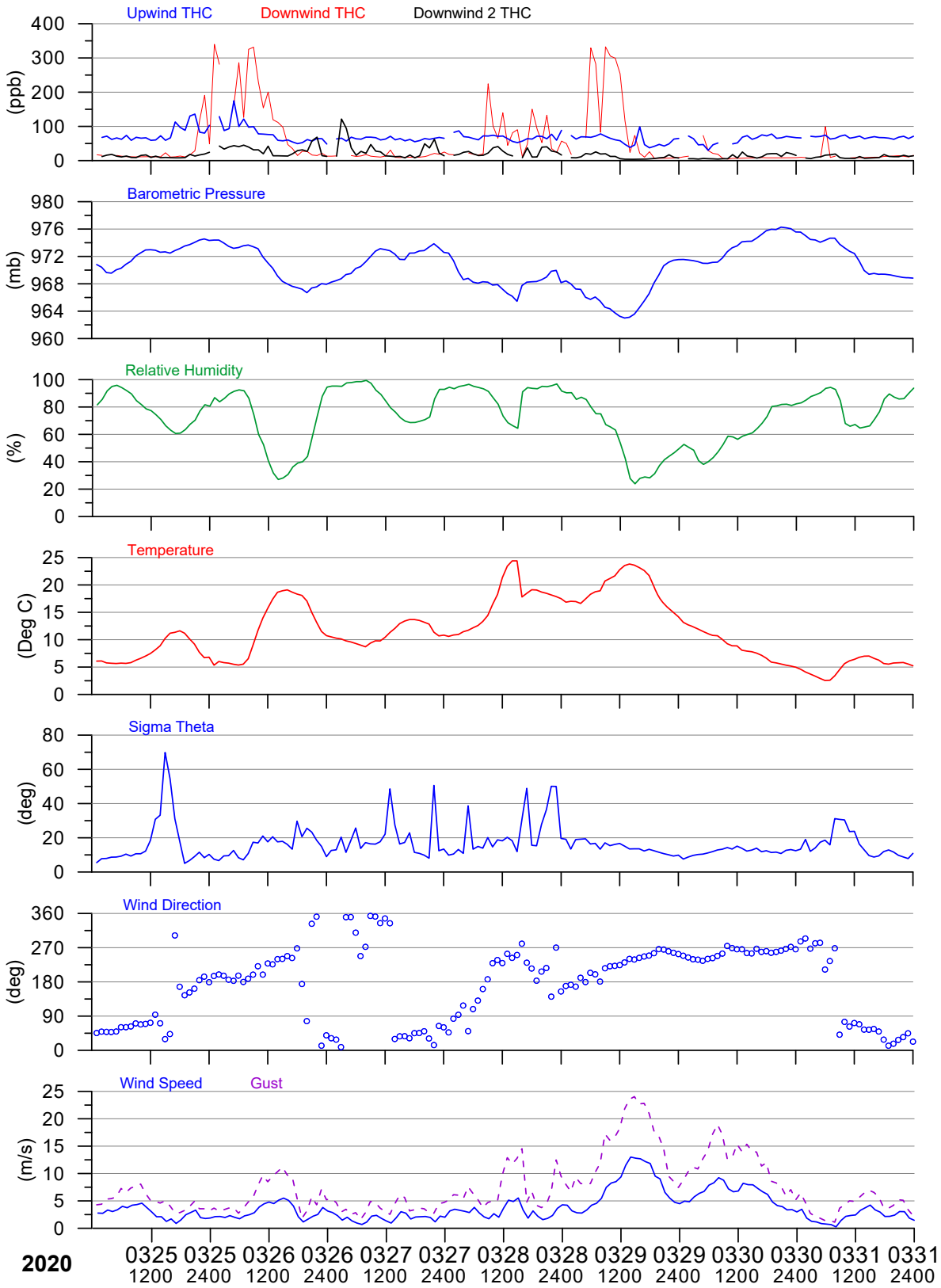
MarkWest HarmonCreek Plots



MarkWest HarmonCreek Plots



MarkWest HarmonCreek Plots



APPENDIX B

Hourly Air Toxic Data for January through March 2020

B.1 Upwind
B.2 Downwind #1
B.3 Downwind #2

B.1 Upwind

HarmonCreek

UPWIND PROPANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.6	0.7	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.8	0.8	0.8	1.0	1.1	**0.6**	**1.1**	**0.5**
2	---	1.2	1.1	1.2	1.3	1.3	1.2	1.4	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	**1.0**	**1.4**	**0.8**
3	---	1.0	0.9	1.0	1.0	0.9	0.8	0.8	0.7	0.8	0.9	0.8	1.1	0.9	0.8	0.9	0.8	0.8	1.0	1.1	1.0	1.1	1.6	1.3	**0.9**	**1.6**	**0.7**
4	---	1.6	1.4	1.3	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	**0.8**	**1.6**	**0.6**
5	---	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.7	0.7	**0.6**	**0.8**	**0.5**
6	---	0.8	0.7	0.7	0.6	1.0	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	**0.6**	**1.0**	**0.5**
7	---	0.7	1.0	1.1	1.1	1.9	1.6	2.3	2.2	3.2	2.8	1.2	0.9	0.7	0.8	1.2	1.1	0.7	0.8	0.9	0.8	0.6	0.7	0.6	**1.3**	**3.2**	**0.6**
8	---	0.6	0.7	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.6	1.0	0.6	**0.6**	**1.0**	**0.5**
9	---	0.8	1.4	9.7	4.1	1.2	10.8	1.5	1.0	6.3	1.0	0.9	---	---	2.9	1.9	1.3	1.6	1.3	1.3	1.2	0.8	0.8	0.8	**2.5**	**10.8**	**0.8**
10	0.9	---	0.7	0.7	0.7	0.7	0.7	0.8	0.9	0.9	1.1	1.2	0.8	0.9	0.7	0.8	1.2	3.0	16.5	1.1	1.0	0.8	0.9	0.8	**1.6**	**16.5**	**0.7**
11	0.8	---	0.8	0.8	0.6	0.7	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.7	0.9	0.7	**0.7**	**0.9**	**0.5**
12	0.6	---	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.7	**0.6**	**0.8**	**0.5**
13	0.8	---	1.2	2.2	2.3	2.1	1.9	1.5	1.7	1.5	1.1	0.9	0.8	0.7	0.8	0.7	0.7	0.8	0.9	1.0	0.9	1.4	1.6	2.3	**1.3**	**2.3**	**0.7**
14	1.2	---	2.1	1.3	1.3	1.3	1.3	3.3	2.1	3.3	2.7	2.2	1.6	1.5	1.2	7.8	1.0	0.8	0.8	0.8	0.8	0.8	0.9	0.9	**1.8**	**7.8**	**0.8**
15	0.9	---	0.9	1.0	1.0	1.0	1.1	1.2	1.8	2.2	1.5	1.4	1.3	1.5	1.3	1.1	1.1	1.2	1.1	1.4	1.4	1.1	0.8	1.0	**1.2**	**2.2**	**0.8**
16	0.8	---	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.8	0.6	0.7	0.6	0.7	0.7	**0.8**	**1.0**	**0.6**
17	0.7	---	0.7	0.6	0.6	0.4	0.3	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.9	0.9	0.7	0.6	0.9	0.6	**0.6**	**0.9**	**0.3**
18	0.8	---	1.2	0.7	1.0	---	---	3.2	1.9	1.5	0.9	1.2	0.8	0.8	0.7	0.9	0.8	0.7	0.6	0.7	0.8	0.8	0.9	0.8	**1.0**	**3.2**	**0.6**
19	0.8	0.9	---	0.8	0.8	0.9	0.9	0.8	0.9	0.8	1.0	0.8	0.8	1.0	0.8	0.8	0.7	0.8	0.8	0.7	0.9	0.9	1.0	0.9	**0.9**	**1.0**	**0.7**
20	0.9	0.9	---	0.9	0.9	0.7	0.7	0.9	1.2	0.7	0.7	0.5	0.5	0.5	0.8	0.5	0.6	0.6	0.7	0.7	0.7	0.9	0.7	0.6	**0.7**	**1.2**	**0.5**
21	1.0	0.9	---	0.8	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.3	0.6	0.6	0.6	0.6	0.7	1.0	1.1	1.2	---	**0.7**	**1.2**	**0.3**
22	1.5	1.5	1.8	1.8	1.9	2.5	2.1	2.1	2.2	1.6	1.3	0.9	0.9	1.1	0.9	1.1	7.6	1.1	1.3	1.5	1.6	1.2	1.8	---	**1.8**	**7.6**	**0.9**
23	1.9	2.4	2.6	2.7	2.3	2.4	2.3	2.3	3.5	4.3	2.9	2.4	2.1	0.9	0.6	1.0	1.4	1.4	1.3	2.1	2.7	1.3	1.5	---	**2.1**	**4.3**	**0.6**
24	0.9	1.4	1.1	0.9	1.2	1.4	9.4	1.3	20.3	1.2	1.4	1.2	1.1	0.9	1.1	1.0	1.0	1.2	0.8	1.0	0.5	0.3	1.0	---	**2.2**	**20.3**	**0.3**
25	0.8	1.0	1.0	0.9	0.9	1.2	1.0	1.3	0.4	0.5	4.1	0.7	0.8	0.6	0.6	0.6	0.8	0.7	0.6	0.8	0.7	0.6	0.6	---	**0.9**	**4.1**	**0.4**
26	0.9	0.6	0.4	0.8	0.7	0.6	0.7	0.8	0.6	0.7	0.6	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.6	0.7	0.7	---	---	3.1	**0.8**	**3.1**	**0.4**
27	---	0.6	0.9	0.9	0.7	0.8	0.7	0.7	0.7	0.4	0.8	0.8	0.8	3.6	0.8	0.6	0.4	0.5	0.6	0.6	0.6	0.6	0.5	---	**0.8**	**3.6**	**0.4**
28	0.5	0.7	0.3	0.4	0.7	0.7	0.6	0.6	0.8	0.2	0.6	0.7	0.7	0.5	0.7	0.7	0.7	0.7	0.3	0.6	0.6	0.8	0.7	---	**0.6**	**0.8**	**0.2**
29	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.8	0.8	0.6	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.7	0.9	---	**0.6**	**0.9**	**0.5**
30	1.1	1.2	1.1	1.7	1.8	1.3	1.0	1.0	1.1	1.1	0.8	0.9	3.7	0.5	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.6	---	**1.0**	**3.7**	**0.5**
31	0.9	0.8	0.6	0.8	1.2	0.5	1.4	1.2	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.0	1.0	1.2	1.1	1.2	1.3	1.4	8.3	---	**1.4**	**8.3**	**0.5**
MEAN	**---**	**---**	**1.0**	**1.3**	**1.1**	**1.0**	**1.6**	**1.2**	**1.7**	**1.3**	**1.1**	**0.9**	**0.9**	**0.9**	**0.8**	**1.0**	**1.0**	**0.8**	**1.3**	**0.9**	**0.9**	**0.8**	**1.2**	**---**	**1.1**		
MAX	**1.9**	**2.4**	**2.6**	**9.7**	**4.1**	**2.5**	**10.8**	**3.3**	**20.3**	**6.3**	**4.1**	**2.4**	**3.7**	**3.6**	**2.9**	**7.8**	**7.6**	**3.0**	**16.5**	**2.1**	**2.7**	**1.4**	**8.3**	**3.1**		**20.3**	
MIN	**0.5**	**0.6**	**0.3**	**0.4**	**0.5**	**0.4**	**0.3**	**0.5**	**0.4**	**0.2**	**0.6**	**0.5**	**0.5**	**0.5**	**0.3**	**0.5**	**0.4**	**0.5**	**0.3**	**0.5**	**0.5**	**0.3**	**0.5**	**0.6**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 1.1 ppb

MAXIMUM UPWIND PROPANE = 20.3 ppb DATE OF OCCURRENCE = 1/24 AT 0900 MAXIMUM DAILY MEAN = 2.5 ppb DATE OF OCCURRENCE = 1/9

MINIMUM UPWIND PROPANE = 0.2 ppb DATE OF OCCURRENCE = 1/28 AT 1000 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND PROPANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	1.1	1.0	1.1	1.0	0.9	0.8	0.8	0.8	4.2	0.7	0.6	0.6	0.5	0.7	0.8	0.8	0.7	0.8	0.8	5.8	0.7	0.9	0.8	---	**1.2**	**5.8**	**0.5**
2	0.9	0.8	0.7	0.9	0.9	1.0	1.0	0.8	5.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	2.4	0.5	0.5	0.1	---	**1.0**	**5.8**	**0.1**
3	0.5	0.5	0.6	0.6	0.5	0.8	0.9	0.9	1.1	1.3	0.9	1.0	0.9	0.9	0.9	1.1	1.2	1.2	1.4	1.5	2.0	1.9	1.8	---	**1.1**	**2.0**	**0.5**
4	1.2	1.0	0.8	0.8	4.6	0.7	0.8	0.8	6.0	5.4	5.9	---	---	7.5	6.8	5.8	6.5	5.4	0.7	0.4	0.5	0.2	4.8	3.8	**3.2**	**7.5**	**0.2**
5	---	0.5	0.6	0.7	0.7	0.6	0.6	0.9	0.7	0.7	0.5	0.4	0.3	0.5	0.5	0.8	0.7	0.6	0.8	0.6	0.6	0.8	0.6	0.7	**0.6**	**0.9**	**0.3**
6	---	3.4	0.7	0.8	0.7	0.6	0.8	0.9	0.8	0.8	0.9	0.9	0.6	0.9	6.6	1.2	5.7	0.5	0.7	0.6	0.6	0.7	0.5	0.8	**1.3**	**6.6**	**0.5**
7	---	0.5	0.6	0.4	0.6	0.9	0.5	0.8	0.5	0.5	0.4	0.9	0.5	0.8	0.9	0.5	0.8	0.4	0.9	0.5	1.0	0.8	0.5	0.7	**0.6**	**1.0**	**0.4**
8	---	0.6	0.9	0.8	3.5	1.1	1.1	0.9	1.0	0.9	0.8	0.9	0.7	0.9	0.8	0.8	0.9	1.1	1.1	5.6	0.7	1.2	1.1	1.3	**1.2**	**5.6**	**0.6**
9	---	0.6	1.2	0.9	1.2	1.3	8.6	1.3	1.5	9.6	7.5	5.7	1.3	1.1	1.3	1.3	1.2	1.3	6.0	1.1	0.9	0.6	1.1	0.8	**2.5**	**9.6**	**0.6**
10	---	5.5	1.5	1.5	4.3	4.2	0.9	4.1	4.0	1.2	4.4	5.0	4.2	3.9	0.3	3.9	1.1	5.0	4.9	4.2	1.5	1.3	4.9	6.0	**3.4**	**6.0**	**0.3**
11	---	7.0	1.3	1.1	0.7	4.1	0.9	3.2	1.2	0.7	0.8	0.9	3.1	0.3	0.8	1.0	4.3	1.1	3.5	4.2	4.4	3.5	3.0	1.3	**2.3**	**7.0**	**0.3**
12	---	1.3	1.7	0.7	3.1	4.4	1.2	1.6	5.5	1.4	1.0	4.7	1.0	1.3	0.7	1.8	1.3	1.6	6.3	6.0	1.3	1.1	1.7	1.1	**2.2**	**6.3**	**0.7**
13	---	1.0	5.0	---	---	5.9	4.8	3.0	3.5	1.3	1.1	1.1	3.6	0.9	3.2	0.9	2.2	0.9	2.3	0.7	1.5	1.3	2.2	2.1	**2.3**	**5.9**	**0.7**
14	1.3	---	1.6	1.9	1.3	2.2	1.5	1.9	1.9	1.0	1.7	1.3	1.0	1.4	1.4	1.1	1.1	1.3	1.1	1.1	1.3	1.4	1.5	1.9	**1.4**	**2.2**	**1.0**
15	1.5	---	2.5	2.0	13.9	2.1	1.6	13.0	0.9	12.5	1.7	6.1	2.0	1.8	1.7	1.5	1.6	1.1	2.2	8.7	1.7	1.6	2.4	8.8	**4.0**	**13.9**	**0.9**
16	1.5	---	1.4	7.0	1.9	2.0	1.8	1.7	1.9	1.7	2.0	1.6	4.2	1.5	1.4	3.6	4.6	1.9	1.9	2.0	1.9	9.4	8.9	10.0	**3.3**	**10.0**	**1.4**
17	2.0	---	2.3	12.9	14.9	1.5	2.9	3.4	2.0	14.6	5.8	2.8	6.2	3.5	3.0	5.1	2.9	3.8	5.1	1.6	1.8	1.6	1.1	1.4	**4.4**	**14.9**	**1.1**
18	3.2	---	1.8	2.7	2.2	5.6	2.8	3.7	0.5	1.7	4.7	4.4	4.8	5.5	5.7	4.8	4.9	2.7	1.0	3.4	1.3	3.4	3.2	1.3	**3.3**	**5.7**	**0.5**
19	2.5	---	3.4	0.9	3.4	2.8	0.9	3.3	2.6	1.9	2.5	2.6	1.8	1.6	2.1	2.0	3.2	1.8	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**3.2**	**7.0**	**5.0**	**12.9**	**14.9**	**5.9**	**8.6**	**13.0**	**6.0**	**14.6**	**7.5**	**6.1**	**6.2**	**7.5**	**6.8**	**5.8**	**6.5**	**5.4**	**6.3**	**8.7**	**4.4**	**9.4**	**8.9**	**10.0**		**14.9**	
MIN	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**	**0.6**	**0.5**	**0.8**	**0.5**	**0.5**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.5**	**0.6**	**0.4**	**0.6**	**0.4**	**0.5**	**0.2**	**0.1**	**0.7**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 2.2 ppb

MAXIMUM UPWIND PROPANE = 14.9 ppb DATE OF OCCURRENCE = 2/17 AT 0500 MAXIMUM DAILY MEAN = 4.4 ppb DATE OF OCCURRENCE = 2/17

MINIMUM UPWIND PROPANE = 0.1 ppb DATE OF OCCURRENCE = 2/2 AT 2300 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 2/5

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND PROPANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.0	2.8	3.5	2.8	4.3	5.0	4.9	6.9	7.9	9.3	**---**	**---**	**---**
6	---	9.8	6.7	6.1	7.5	6.8	7.8	6.2	5.4	4.0	2.3	2.5	2.1	2.4	2.7	2.6	4.0	4.1	3.8	2.3	4.3	2.7	6.2	3.1	**4.6**	**9.8**	**2.1**
7	---	4.1	5.9	2.3	2.3	2.8	5.2	6.5	5.0	7.2	3.1	7.0	1.0	6.9	1.2	5.3	4.8	6.0	3.8	2.4	6.8	6.3	8.0	8.7	**4.9**	**8.7**	**1.0**
8	---	7.0	8.9	9.0	10.8	10.6	12.2	11.0	9.5	6.2	6.1	5.6	4.1	3.9	4.5	4.9	5.2	5.2	5.6	6.7	8.7	9.7	9.3	10.9	**7.6**	**12.2**	**3.9**
9	---	7.8	7.9	7.1	6.3	4.6	3.0	4.3	3.6	3.0	3.2	1.5	2.7	2.9	4.8	3.6	1.9	4.7	3.1	4.0	4.7	5.6	6.9	7.1	**4.5**	**7.9**	**1.5**
10	---	4.0	4.5	9.3	6.3	8.0	8.1	5.8	4.3	7.3	8.9	5.2	8.3	5.8	6.3	8.3	8.4	9.4	11.5	10.4	8.8	5.7	8.4	6.8	**7.4**	**11.5**	**4.0**
11	---	4.2	10.3	5.9	7.9	5.5	5.0	3.2	4.0	8.8	13.0	12.6	9.5	6.2	4.4	4.8	7.7	8.2	5.8	6.0	6.2	7.9	7.1	9.3	**7.1**	**13.0**	**3.2**
12	---	15.5	10.5	10.5	10.4	12.9	10.3	12.6	12.3	8.3	7.0	5.9	7.6	6.2	5.8	7.5	11.1	5.7	7.4	7.8	10.3	7.0	4.7	---	**9.0**	**15.5**	**4.7**
13	5.6	---	---	5.7	6.2	11.6	6.9	13.4	8.4	12.6	8.0	7.4	6.6	6.5	6.0	5.3	0.8	7.7	0.8	6.3	10.2	8.1	13.2	9.1	**7.6**	**13.4**	**0.8**
14	---	12.3	5.6	10.4	13.9	10.8	9.7	10.9	9.5	9.4	8.5	9.7	10.6	7.9	10.2	10.2	4.5	9.1	10.6	10.7	9.0	11.0	6.0	10.9	**9.6**	**13.9**	**4.5**
15	---	11.4	13.7	6.5	13.0	10.7	6.1	7.2	16.4	15.6	12.2	10.0	13.7	7.4	3.1	7.7	15.8	9.7	9.7	12.5	15.4	7.3	17.3	16.8	**11.3**	**17.3**	**3.1**
16	---	11.4	7.7	17.1	12.7	13.3	10.2	9.9	13.2	9.0	18.9	12.7	10.1	12.5	10.6	10.7	12.6	11.8	13.7	11.4	8.5	12.0	11.0	---	**11.9**	**18.9**	**7.7**
17	13.1	11.4	10.9	10.8	12.0	12.4	12.6	17.6	17.4	9.5	15.2	12.0	18.4	12.1	16.6	14.6	15.4	22.3	13.2	16.0	17.5	16.5	15.3	---	**14.5**	**22.3**	**9.5**
18	15.5	11.1	17.1	13.0	14.2	17.3	9.7	12.0	13.9	16.4	13.0	10.6	14.0	15.0	9.1	14.3	10.9	11.0	10.5	15.8	10.8	10.0	15.7	---	**13.1**	**17.3**	**9.1**
19	9.8	8.3	16.0	8.2	10.5	10.7	10.1	15.7	9.9	19.8	16.4	8.6	10.4	11.5	11.5	11.7	18.0	9.8	7.0	9.6	8.7	14.2	7.6	---	**11.5**	**19.8**	**7.0**
20	10.8	13.6	17.4	18.0	16.4	15.8	20.0	19.9	6.6	19.0	9.6	8.7	9.2	10.2	16.9	10.0	25.2	10.8	17.4	18.8	17.8	18.4	17.1	---	**15.1**	**25.2**	**6.6**
21	17.5	18.4	20.1	14.8	26.4	19.8	23.6	21.7	15.8	16.6	19.6	25.3	16.2	20.5	16.1	22.6	21.3	---	---	17.7	20.6	5.1	23.3	12.3	**18.9**	**26.4**	**5.1**
22	---	17.0	21.3	26.6	24.2	24.2	22.2	18.3	22.2	28.2	16.4	26.5	25.1	17.7	18.0	19.1	14.5	17.8	18.8	20.6	2.1	19.4	4.9	13.9	**19.1**	**28.2**	**2.1**
23	---	22.9	19.7	14.3	22.8	15.8	23.6	22.2	23.4	14.5	18.5	16.7	23.8	28.2	20.6	23.5	19.9	20.6	24.5	11.7	16.3	23.3	26.8	20.1	**20.6**	**28.2**	**11.7**
24	---	22.5	19.6	17.3	18.0	23.0	24.0	19.2	1.9	16.4	26.2	22.5	27.1	24.7	19.6	23.2	20.3	21.3	19.4	2.6	26.1	14.6	25.0	30.6	**20.2**	**30.6**	**1.9**
25	---	25.5	28.8	19.4	23.3	18.1	30.1	15.8	22.8	23.0	24.3	14.4	15.8	25.4	16.1	24.3	31.4	18.0	18.4	26.2	30.1	18.3	20.1	26.2	**22.4**	**31.4**	**14.4**
26	---	24.9	19.2	21.8	19.7	29.8	20.1	23.4	25.2	17.0	9.3	20.3	16.7	15.9	15.6	17.5	12.7	7.4	9.0	15.0	13.6	20.9	20.7	5.0	**17.4**	**29.8**	**5.0**
27	---	20.4	22.1	13.8	22.4	21.0	18.6	23.5	25.0	23.0	17.0	19.8	23.0	18.3	21.9	14.4	18.8	12.1	15.2	20.7	17.4	19.3	21.4	18.2	**19.4**	**25.0**	**12.1**
28	---	27.2	15.4	21.8	18.9	16.8	15.0	23.3	22.0	24.4	20.9	22.5	19.9	13.0	10.3	14.6	19.2	19.5	24.4	25.7	16.7	26.6	13.7	32.0	**20.2**	**32.0**	**10.3**
29	---	20.6	17.8	22.1	18.1	16.1	22.7	10.5	24.2	19.6	16.9	15.8	19.4	11.7	18.1	17.5	18.4	8.4	13.8	19.2	14.3	19.5	19.8	21.2	**17.6**	**24.2**	**8.4**
30	---	28.2	20.8	17.2	16.9	0.9	16.6	22.2	---	---	18.6	21.1	24.6	29.0	17.9	23.0	30.7	26.0	28.6	21.3	22.5	26.2	23.8	19.9	**21.7**	**30.7**	**0.9**
31	21.5	---	26.7	23.0	20.3	25.7	18.6	19.5	23.3	30.0	19.9	21.9	24.9	19.8	23.3	25.3	22.4	21.8	20.9	17.3	22.3	26.6	20.1	25.1	**22.6**	**30.0**	**17.3**
MEAN	**---**	**15.0**	**15.0**	**13.5**	**14.7**	**14.0**	**14.3**	**14.4**	**13.8**	**14.7**	**13.6**	**13.3**	**14.0**	**13.1**	**11.7**	**12.9**	**14.0**	**12.0**	**12.4**	**12.7**	**13.1**	**13.7**	**14.1**	**---**	**13.7**		
MAX	**21.5**	**28.2**	**28.8**	**26.6**	**26.4**	**29.8**	**30.1**	**23.5**	**25.2**	**30.0**	**26.2**	**26.5**	**27.1**	**29.0**	**23.3**	**25.3**	**31.4**	**26.0**	**28.6**	**26.2**	**30.1**	**26.6**	**26.8**	**32.0**		**32.0**	
MIN	**5.6**	**4.0**	**4.5**	**2.3**	**2.3**	**0.9**	**3.0**	**3.2**	**1.9**	**3.0**	**2.3**	**1.5**	**1.0**	**2.4**	**1.2**	**2.6**	**0.8**	**2.8**	**0.8**	**2.3**	**2.1**	**2.7**	**4.7**	**3.1**			**0.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 13.7 ppb

MAXIMUM UPWIND PROPANE = 32.0 ppb DATE OF OCCURRENCE = 3/28 AT 2400 MAXIMUM DAILY MEAN = 22.6 ppb DATE OF OCCURRENCE = 3/31

MINIMUM UPWIND PROPANE = 0.8 ppb DATE OF OCCURRENCE = 3/13 AT 1900 MINUMUM DAILY MEAN = 4.5 ppb DATE OF OCCURRENCE = 3/9

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BUTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.9	1.1	1.1	0.9	0.7	0.7	0.7	0.8	0.8	0.0	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.8	1.9	1.8	2.8	4.0	4.6	**1.2**	**4.6**	**0.0**
2	---	3.5	3.4	3.3	3.8	3.7	4.3	4.0	4.0	3.2	2.5	2.5	2.1	2.4	2.3	2.3	2.2	2.3	2.2	2.0	2.2	2.2	2.2	2.5	**2.8**	**4.3**	**2.0**
3	---	2.9	2.5	2.7	2.5	2.4	1.8	1.6	1.6	1.9	2.2	1.9	3.5	2.0	1.8	3.1	1.8	1.9	2.7	3.6	2.9	3.1	5.9	3.7	**2.6**	**5.9**	**1.6**
4	---	5.3	4.5	4.3	2.6	2.3	2.2	2.3	2.4	2.2	2.4	2.3	2.1	1.8	1.9	1.7	1.6	1.3	0.9	0.9	1.0	1.0	1.0	1.0	**2.1**	**5.3**	**0.9**
5	---	0.8	0.8	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	1.0	0.9	1.0	1.0	1.6	1.8	1.4	1.9	1.6	1.1	**0.9**	**1.9**	**0.5**
6	---	1.6	1.2	0.7	0.8	2.2	0.7	0.8	0.9	1.0	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	1.0	1.1	1.1	**1.0**	**2.2**	**0.7**
7	---	1.5	2.6	3.7	3.0	7.9	5.9	8.9	9.1	13.4	11.6	3.4	3.3	4.3	4.6	5.9	3.4	1.3	1.4	6.1	1.9	1.2	1.1	1.1	**4.6**	**13.4**	**1.1**
8	---	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.5	2.1	0.8	**0.6**	**2.1**	**0.4**
9	---	1.4	5.5	4.4	17.4	3.7	4.5	4.7	2.0	2.6	3.0	2.4	---	---	1.3	1.1	1.4	3.8	2.2	3.5	2.8	2.6	2.8	7.4	**3.8**	**17.4**	**1.1**
10	6.3	---	2.2	2.5	1.4	2.5	2.5	1.2	3.9	2.2	8.0	5.4	1.5	1.6	5.3	2.0	3.5	11.2	6.5	3.2	2.9	2.3	3.6	3.8	**3.7**	**11.2**	**1.2**
11	4.8	---	7.3	2.6	1.7	1.5	3.6	7.2	6.8	4.8	8.5	11.2	12.4	5.7	3.4	10.7	14.7	0.6	2.1	1.7	7.3	12.5	2.3	0.0	**5.8**	**14.7**	**0.0**
12	2.2	---	0.5	0.0	0.9	0.0	0.0	0.0	0.9	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.7	1.0	1.0	1.1	1.6	1.3	1.6	1.4	**0.8**	**2.2**	**0.0**
13	1.5	---	4.6	7.1	8.3	6.7	6.1	4.6	5.0	3.8	2.5	1.5	1.5	1.2	1.2	1.2	1.3	1.4	2.0	2.0	2.0	4.3	4.7	7.0	**3.5**	**8.3**	**1.2**
14	2.8	---	7.6	3.8	3.7	3.6	3.6	13.1	8.6	15.2	14.1	7.0	4.1	3.6	2.7	2.5	2.2	1.7	1.7	1.7	1.8	1.8	1.9	1.9	**4.8**	**15.2**	**1.7**
15	2.0	---	2.4	2.2	2.3	2.5	2.3	3.1	5.1	7.4	8.5	5.1	3.3	3.7	2.8	4.2	2.7	2.5	3.2	4.2	3.6	2.8	2.1	2.1	**3.5**	**8.5**	**2.0**
16	2.1	---	2.0	2.0	1.9	1.6	1.5	1.3	1.3	1.4	1.5	1.4	0.0	0.0	1.0	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	**1.1**	**2.1**	**0.0**
17	0.7	---	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.9	0.7	1.0	0.9	1.1	1.6	1.0	0.8	0.8	1.4	3.1	1.4	1.2	1.3	1.3	**1.0**	**3.1**	**0.6**
18	1.2	---	2.7	1.3	1.6	---	---	3.4	2.3	1.8	1.4	3.4	1.3	5.3	1.7	2.1	1.5	1.2	1.1	1.0	1.8	1.8	0.0	0.0	**1.8**	**5.3**	**0.0**
19	1.6	2.2	---	0.1	0.0	0.1	0.0	1.4	1.5	1.7	1.6	1.4	1.5	1.4	1.4	1.4	1.3	0.0	1.4	1.3	1.4	1.5	1.4	1.4	**1.2**	**2.2**	**0.0**
20	1.4	1.4	---	1.5	1.4	1.3	1.4	1.6	2.4	1.0	0.6	0.5	0.4	0.0	0.5	0.4	0.5	0.4	0.4	0.9	0.7	1.3	1.0	3.6	**1.1**	**3.6**	**0.0**
21	2.9	2.0	---	1.6	1.0	0.9	0.9	0.9	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.8	0.9	1.2	1.8	2.2	2.6	---	**1.1**	**2.9**	**0.5**
22	3.3	3.5	4.9	4.3	5.1	6.6	5.1	6.6	7.8	8.4	6.5	3.2	3.0	2.5	3.7	2.9	2.8	2.1	3.5	3.3	4.7	5.2	7.0	---	**4.6**	**8.4**	**2.1**
23	4.7	6.3	6.1	6.8	5.2	5.4	0.1	0.1	12.1	16.7	12.1	8.2	8.2	2.3	2.5	0.0	5.6	4.1	0.1	6.4	10.3	0.1	3.9	---	**5.5**	**16.7**	**0.0**
24	3.6	3.9	3.6	2.6	3.1	2.5	2.7	3.2	8.0	3.2	0.0	0.0	2.1	1.5	0.0	1.7	1.9	0.0	2.7	2.6	0.0	1.4	0.0	---	**2.2**	**8.0**	**0.0**
25	1.7	1.7	4.7	5.2	3.1	0.1	0.0	2.9	1.2	1.1	1.2	1.4	1.3	0.0	1.4	1.5	1.6	1.6	1.6	1.4	0.1	1.8	0.1	---	**1.6**	**5.2**	**0.0**
26	1.3	0.0	0.0	1.2	1.3	1.0	1.1	1.2	1.1	1.2	1.2	1.3	1.3	1.2	0.1	1.1	1.1	1.2	1.2	0.0	0.0	---	---	1.2	**0.9**	**1.3**	**0.0**
27	---	0.0	0.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.3	1.4	1.1	1.0	0.8	0.9	0.9	0.0	0.1	0.0	0.8	0.8	---	**0.8**	**1.4**	**0.0**
28	0.9	0.0	0.1	0.9	1.2	1.1	0.9	1.0	1.0	0.9	0.0	1.0	0.9	0.8	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.7	0.6	---	**0.7**	**1.2**	**0.0**
29	0.6	0.8	1.6	1.2	0.8	0.0	0.7	1.0	0.7	0.9	1.2	0.7	0.5	0.5	0.7	0.7	0.6	0.8	0.6	0.6	0.9	0.1	1.5	---	**0.8**	**1.6**	**0.0**
30	2.8	2.5	2.4	4.1	4.6	3.3	2.1	2.9	2.5	2.7	2.7	2.6	1.0	0.9	1.0	0.8	0.7	0.7	0.8	0.9	0.9	1.7	1.0	---	**2.0**	**4.6**	**0.7**
31	2.2	0.1	2.4	0.0	0.1	3.1	0.0	0.0	3.0	2.5	2.4	4.9	2.6	2.6	3.8	2.7	2.7	3.3	3.0	3.3	3.1	3.3	2.7	---	**2.3**	**4.9**	**0.0**
MEAN	**---**	**---**	**2.8**	**2.4**	**2.7**	**2.3**	**1.9**	**2.7**	**3.2**	**3.4**	**3.3**	**2.5**	**2.1**	**1.7**	**1.7**	**1.9**	**2.0**	**1.7**	**1.6**	**2.0**	**2.0**	**2.2**	**2.1**	**---**	**2.3**		
MAX	**6.3**	**6.3**	**7.6**	**7.1**	**17.4**	**7.9**	**6.1**	**13.1**	**12.1**	**16.7**	**14.1**	**11.2**	**12.4**	**5.7**	**5.3**	**10.7**	**14.7**	**11.2**	**6.5**	**6.4**	**10.3**	**12.5**	**7.0**	**7.4**		**17.4**	
MIN	**0.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.5**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 2.3 ppb

MAXIMUM UPWIND BUTANE = 17.4 ppb DATE OF OCCURRENCE = 1/9 AT 0500 MAXIMUM DAILY MEAN = 5.8 ppb DATE OF OCCURRENCE = 1/11

MINIMUM UPWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 1100 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BUTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	2.4	2.4	0.1	0.0	1.7	1.6	1.4	0.0	1.3	1.2	1.7	3.4	1.3	1.4	1.2	1.3	1.6	1.7	1.9	2.0	1.9	1.8	---	**1.4**	**3.4**	**0.0**
2	0.0	0.0	0.0	0.4	1.6	0.3	0.1	2.0	0.0	2.6	2.1	1.4	1.2	1.0	0.9	0.0	1.0	1.1	0.0	0.1	0.6	0.5	0.0	---	**0.7**	**2.6**	**0.0**
3	0.7	0.7	0.9	1.0	1.3	0.0	2.6	2.4	4.4	3.6	2.3	3.0	2.3	2.6	2.4	3.0	3.4	3.2	3.8	4.1	6.5	6.1	5.7	---	**2.9**	**6.5**	**0.0**
4	0.0	2.3	1.3	1.3	1.5	0.0	1.7	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.7	1.3	**0.6**	**2.3**	**0.0**
5	---	0.9	0.9	0.7	0.7	0.0	0.8	5.3	0.0	1.9	0.7	0.0	0.7	0.8	1.2	1.4	0.8	0.9	0.0	1.3	1.0	0.1	1.0	1.1	**1.0**	**5.3**	**0.0**
6	---	1.1	1.3	1.2	1.5	1.1	1.3	2.9	2.3	2.6	2.2	2.0	1.5	1.5	1.8	2.3	2.1	1.3	1.1	1.0	1.1	1.0	0.0	0.8	**1.5**	**2.9**	**0.0**
7	---	0.8	0.7	0.7	0.8	0.7	0.9	0.0	0.1	0.8	0.7	0.9	0.0	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.2	0.1	0.6	0.7	**0.5**	**0.9**	**0.0**
8	---	1.0	0.0	0.2	0.2	0.8	0.9	2.1	2.0	1.8	1.5	1.0	1.0	1.0	0.9	1.4	2.9	1.6	1.4	1.7	1.9	0.0	2.5	2.2	**1.3**	**2.9**	**0.0**
9	---	1.2	1.5	1.5	2.0	3.1	2.8	2.9	3.2	0.2	2.8	2.4	3.2	3.7	3.1	3.8	2.8	3.2	2.4	2.1	0.0	2.5	3.0	2.5	**2.4**	**3.8**	**0.0**
10	---	1.7	1.5	1.4	1.3	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	**0.4**	**1.7**	**0.0**
11	---	0.0	1.3	1.2	1.3	1.2	0.2	0.9	1.0	1.0	0.8	1.2	0.9	0.8	1.0	1.0	1.4	1.4	0.3	1.2	1.4	1.1	0.9	0.9	**1.0**	**1.4**	**0.0**
12	---	0.8	0.7	0.8	1.0	1.4	1.0	1.9	1.8	1.5	2.1	2.8	1.7	0.0	4.2	3.8	1.8	2.5	1.7	1.6	2.2	1.2	0.1	1.3	**1.6**	**4.2**	**0.0**
13	---	0.0	1.6	---	---	1.1	1.1	0.0	1.0	0.8	0.8	1.0	1.1	1.0	1.1	1.0	0.0	0.6	0.7	0.7	0.1	0.7	0.6	0.0	**0.7**	**1.6**	**0.0**
14	0.6	---	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.3	**0.6**	**1.3**	**0.4**
15	1.7	---	3.0	2.5	9.2	4.2	3.4	4.3	2.1	4.1	5.7	4.3	1.8	3.5	4.6	5.7	6.0	4.1	3.2	4.2	4.8	3.2	2.8	2.5	**3.9**	**9.2**	**1.7**
16	2.6	---	2.6	2.0	1.6	1.7	1.4	2.5	2.4	2.1	0.1	0.1	1.2	1.0	1.2	1.1	1.5	1.1	1.2	1.9	2.2	3.0	2.9	3.2	**1.8**	**3.2**	**0.1**
17	3.4	---	4.7	4.6	4.8	5.0	5.0	0.0	6.1	0.0	1.7	0.0	0.0	1.0	0.8	1.3	1.5	0.9	1.2	1.1	0.0	1.5	2.2	0.1	**2.0**	**6.1**	**0.0**
18	0.9	---	1.8	0.0	3.9	4.8	3.3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.7**	**4.8**	**0.0**
19	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**3.4**	**2.4**	**4.7**	**4.6**	**9.2**	**5.0**	**5.0**	**5.3**	**6.1**	**4.1**	**5.7**	**4.3**	**3.4**	**3.7**	**4.6**	**5.7**	**6.0**	**4.1**	**3.8**	**4.2**	**6.5**	**6.1**	**5.7**	**3.2**		**9.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 1.3 ppb

MAXIMUM UPWIND BUTANE = 9.2 ppb DATE OF OCCURRENCE = 2/15 AT 0500 MAXIMUM DAILY MEAN = 3.9 ppb DATE OF OCCURRENCE = 2/15

MINIMUM UPWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 0100 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 2/10

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BUTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.6	3.1	2.0	0.8	0.8	1.4	1.7	2.4	2.6	3.1	**---**	**---**	**---**
6	---	3.5	2.7	2.2	3.3	2.9	2.8	2.1	1.8	1.1	0.8	0.8	0.8	0.8	0.8	0.9	1.0	0.9	0.7	0.6	0.5	0.4	0.4	0.4	**1.4**	**3.5**	**0.4**
7	---	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	1.9	2.1	2.6	3.0	**0.7**	**3.0**	**0.3**
8	---	2.7	3.2	3.3	3.5	3.3	3.4	2.7	2.5	1.8	2.0	2.2	2.0	2.1	2.7	2.2	2.0	1.8	1.8	2.3	3.6	5.7	5.7	3.7	**2.9**	**5.7**	**1.8**
9	---	2.8	2.7	2.3	2.1	2.3	1.3	1.1	1.2	1.2	0.9	0.6	0.5	0.4	0.5	0.6	1.4	0.7	1.9	3.2	5.7	5.4	4.8	5.5	**2.1**	**5.7**	**0.4**
10	---	1.8	1.2	2.2	4.8	3.2	2.1	1.3	1.4	2.1	1.6	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.7	**1.3**	**4.8**	**0.6**
11	---	1.7	2.9	1.0	1.0	1.1	1.0	1.3	1.1	1.3	1.9	1.4	2.2	1.8	3.1	3.9	3.9	2.9	1.9	2.6	3.3	2.8	2.9	3.1	**2.2**	**3.9**	**1.0**
12	---	3.5	3.8	3.9	3.8	4.5	3.8	4.1	5.0	5.4	4.6	5.4	3.7	3.9	2.4	3.5	3.0	1.7	1.8	2.3	3.7	7.3	6.7	---	**4.0**	**7.3**	**1.7**
13	6.2	---	---	2.5	1.5	1.0	0.7	0.7	0.5	0.4	0.3	0.6	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.5	**0.8**	**6.2**	**0.3**
14	---	0.5	0.5	0.6	0.5	0.9	1.3	1.3	0.7	0.5	1.6	1.0	0.7	0.6	0.5	0.4	0.5	0.4	0.5	0.6	0.7	0.5	0.7	0.8	**0.7**	**1.6**	**0.4**
15	---	0.6	0.6	0.8	0.6	0.7	0.8	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.7	1.0	0.6	0.9	1.1	**0.7**	**1.1**	**0.5**
16	---	1.7	2.4	1.6	1.5	1.4	2.3	1.6	1.7	0.8	0.9	3.2	2.3	2.7	3.5	3.0	3.1	0.9	0.7	0.8	0.8	1.0	1.6	---	**1.8**	**3.5**	**0.7**
17	3.0	3.3	2.7	2.2	1.7	1.3	1.5	1.3	1.3	1.2	1.1	1.0	1.0	0.8	0.8	0.8	0.6	0.5	0.6	0.5	0.6	0.5	0.5	---	**1.2**	**3.3**	**0.5**
18	0.7	0.6	0.9	1.0	1.6	1.1	2.4	2.3	2.3	1.4	1.3	1.3	1.2	1.8	2.4	1.0	1.2	1.7	1.7	1.6	1.1	2.0	2.7	---	**1.5**	**2.7**	**0.6**
19	2.0	1.7	1.5	1.2	1.1	1.3	1.6	1.8	2.2	2.2	2.5	2.7	2.5	3.4	3.3	2.4	4.4	2.4	1.5	3.7	2.8	2.6	2.3	---	**2.3**	**4.4**	**1.1**
20	0.9	1.0	0.8	0.6	0.4	0.3	0.3	0.2	1.2	0.9	0.4	0.4	0.5	0.4	0.4	0.5	0.6	0.7	1.0	0.8	0.7	0.6	0.5	---	**0.6**	**1.2**	**0.2**
21	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3	---	---	0.4	0.4	0.4	0.5	0.5	**0.4**	**0.5**	**0.3**
22	---	0.7	0.5	0.4	0.5	0.5	0.7	0.6	0.9	0.8	0.8	0.7	0.8	0.7	1.1	0.6	0.7	0.8	0.8	0.9	0.8	1.0	1.1	0.9	**0.8**	**1.1**	**0.4**
23	---	0.8	0.6	0.6	0.7	0.8	0.7	0.6	1.2	1.3	0.9	1.1	1.1	1.6	1.6	1.6	1.3	1.4	1.1	0.9	0.9	0.6	0.6	0.6	**1.0**	**1.6**	**0.6**
24	---	0.6	0.7	0.7	0.7	0.7	0.6	0.8	0.8	0.8	1.3	0.9	1.4	0.8	0.9	0.9	0.8	0.8	0.7	0.9	0.7	0.8	0.9	0.8	**0.8**	**1.4**	**0.6**
25	---	0.8	0.9	0.9	1.0	0.8	0.7	0.6	0.8	0.7	0.7	0.8	1.9	2.5	1.0	1.0	2.3	1.4	0.6	1.1	2.5	2.2	1.9	2.2	**1.3**	**2.5**	**0.6**
26	---	2.3	2.3	3.1	3.1	3.0	3.5	4.2	4.9	2.7	6.6	1.6	2.1	1.1	0.8	0.9	0.9	0.9	1.5	2.0	1.3	1.1	0.9	0.8	**2.2**	**6.6**	**0.8**
27	---	0.8	0.7	1.0	0.9	0.9	0.9	1.3	0.7	0.6	0.7	0.7	3.0	0.5	0.5	0.5	0.7	0.8	0.9	0.8	1.2	1.5	1.3	1.8	**1.0**	**3.0**	**0.5**
28	---	1.9	2.2	1.8	1.4	1.8	1.3	3.0	2.7	2.8	3.1	2.7	1.3	1.0	0.7	0.7	1.9	1.1	2.6	1.8	2.2	3.6	2.2	6.9	**2.2**	**6.9**	**0.7**
29	---	5.1	2.0	3.0	3.7	4.0	3.4	11.4	2.6	1.5	1.1	0.8	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	**1.9**	**11.4**	**0.3**
30	---	0.4	0.4	0.3	0.4	0.3	0.3	0.3	---	---	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.4	**0.4**	**0.5**	**0.3**
31	0.3	---	0.3	0.5	0.7	1.3	0.6	0.8	0.6	0.5	0.5	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.7	0.6	0.8	**0.6**	**1.3**	**0.3**
MEAN	**---**	**1.6**	**1.5**	**1.5**	**1.6**	**1.5**	**1.5**	**1.8**	**1.6**	**1.3**	**1.4**	**1.3**	**1.2**	**1.2**	**1.3**	**1.2**	**1.3**	**1.0**	**1.0**	**1.2**	**1.5**	**1.8**	**1.7**	**---**	**1.4**		
MAX	**6.2**	**5.1**	**3.8**	**3.9**	**4.8**	**4.5**	**3.8**	**11.4**	**5.0**	**5.4**	**6.6**	**5.4**	**3.7**	**3.9**	**3.6**	**3.9**	**4.4**	**2.9**	**2.6**	**3.7**	**5.7**	**7.3**	**6.7**	**6.9**		**11.4**	
MIN	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 1.4 ppb

MAXIMUM UPWIND BUTANE = 11.4 ppb DATE OF OCCURRENCE = 3/29 AT 0800 MAXIMUM DAILY MEAN = 4.0 ppb DATE OF OCCURRENCE = 3/12

MINIMUM UPWIND BUTANE = 0.2 ppb DATE OF OCCURRENCE = 3/20 AT 0800 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 3/30

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND PENTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.0	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.9	0.9	1.3	1.8	2.0	**0.6**	**2.0**	**0.0**
2	---	1.5	1.4	1.4	1.6	1.5	1.8	1.7	1.7	1.5	1.1	1.0	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	1.0	**1.2**	**1.8**	**0.8**
3	---	1.1	1.1	1.2	1.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**1.2**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.8	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	**0.3**	**0.9**	**0.0**
5	---	0.5	0.5	0.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.9	1.0	0.8	0.9	0.8	0.6	**0.5**	**1.0**	**0.0**
6	---	0.7	0.6	0.4	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	**0.5**	**0.9**	**0.4**
7	---	0.8	1.2	1.6	1.4	3.6	2.8	4.3	4.1	6.3	5.2	1.6	1.1	1.1	1.2	1.6	1.2	0.7	0.7	1.5	0.9	0.6	0.5	0.5	**1.9**	**6.3**	**0.5**
8	---	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	1.0	0.7	**0.5**	**1.0**	**0.4**
9	---	0.9	2.9	2.5	8.0	2.1	2.3	2.4	1.2	1.1	1.5	1.3	---	---	0.8	0.7	1.0	2.0	1.1	2.0	1.4	0.9	0.9	1.5	**1.8**	**8.0**	**0.7**
10	1.4	---	0.8	0.8	0.6	0.8	0.8	0.6	1.1	0.8	2.0	1.9	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.6**	**2.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	**0.0**	**0.7**	**0.0**
13	0.8	---	0.0	2.6	2.9	2.4	2.2	1.7	1.8	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.7**	**2.9**	**0.0**
14	1.2	---	3.0	0.0	1.4	1.4	1.4	4.7	0.0	5.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.1**	**6.4**	**0.0**
15	0.0	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.3**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.5	**0.1**	**0.5**	**0.0**
17	0.0	---	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.6	0.8	1.4	0.8	0.8	0.8	0.7	**0.7**	**1.4**	**0.0**
18	0.7	---	1.3	0.8	0.8	---	---	1.5	1.0	1.0	1.0	1.1	0.8	1.4	0.9	0.0	0.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0	**0.6**	**1.5**	**0.0**
19	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.8	0.8	0.8	0.8	0.8	**0.2**	**0.8**	**0.0**
20	0.8	0.9	---	0.9	0.9	0.9	0.9	1.0	1.2	0.8	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.7	0.7	0.9	0.8	1.3	**0.8**	**1.3**	**0.5**
21	1.2	1.0	---	1.0	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	1.0	1.1	1.2	---	**0.7**	**1.2**	**0.5**
22	1.5	1.6	2.0	1.8	2.1	2.6	2.1	2.7	2.5	2.4	1.7	1.1	1.2	1.1	1.3	1.0	1.1	1.0	1.5	1.3	2.1	2.1	2.7	---	**1.8**	**2.7**	**1.0**
23	2.0	2.5	2.5	2.6	2.1	2.2	2.3	2.7	4.3	6.0	4.2	3.1	2.6	0.9	1.0	1.4	1.8	1.9	2.2	2.6	4.0	1.4	1.6	---	**2.5**	**6.0**	**0.9**
24	1.6	1.8	1.7	1.1	1.3	1.2	1.2	1.3	3.5	1.3	1.1	1.1	1.0	0.8	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	---	**0.9**	**3.5**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.1	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.6**	**0.0**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.5	0.6	0.7	0.7	0.0	0.0	0.0	0.0	0.7	0.7	1.0	---	**0.3**	**1.0**	**0.0**
30	1.6	1.4	1.4	1.9	2.3	1.8	1.3	1.7	1.7	1.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.7	---	**0.9**	**2.3**	**0.0**
31	0.0	0.9	0.0	0.0	0.0	1.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	---	**0.1**	**1.3**	**0.0**
MEAN	**---**	**---**	**0.8**	**0.7**	**1.0**	**0.8**	**0.7**	**1.0**	**0.9**	**1.0**	**1.0**	**0.6**	**0.4**	**0.4**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.5**	**0.6**	**0.5**	**0.6**	**---**	**0.6**		
MAX	**2.0**	**2.5**	**3.0**	**2.6**	**8.0**	**3.6**	**2.8**	**4.7**	**4.3**	**6.3**	**6.4**	**3.1**	**2.6**	**1.4**	**1.3**	**1.6**	**1.8**	**2.0**	**2.2**	**2.6**	**4.0**	**2.1**	**2.7**	**2.0**		**8.0**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.6 ppb

MAXIMUM UPWIND PENTANE = 8.0 ppb DATE OF OCCURRENCE = 1/9 AT 0500 MAXIMUM DAILY MEAN = 2.5 ppb DATE OF OCCURRENCE = 1/23

MINIMUM UPWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND PENTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	---	**0.0**	**0.1**	**0.0**
2	0.0	0.5	0.0	0.0	0.0	0.8	0.8	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	---	**0.2**	**1.2**	**0.0**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	---	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.3**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	---	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.2**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
13	---	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.1	1.2	**0.4**	**1.2**	**0.0**
15	1.4	---	2.2	2.0	7.1	2.8	2.6	2.7	1.6	1.8	2.0	1.7	1.2	1.6	1.8	2.0	2.0	1.7	1.5	1.7	1.8	1.6	1.5	1.4	**2.1**	**7.1**	**1.2**
16	1.4	---	1.4	1.1	1.0	1.1	1.0	1.3	1.3	1.1	1.2	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.6**	**1.4**	**0.0**
17	0.1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
18	0.0	---	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	0.0	---	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**1.4**	**0.5**	**2.2**	**2.0**	**7.1**	**2.8**	**2.6**	**2.7**	**1.6**	**1.8**	**2.0**	**1.7**	**1.2**	**1.6**	**1.8**	**2.0**	**2.0**	**1.7**	**1.5**	**1.7**	**1.8**	**1.6**	**1.5**	**1.4**		**7.1**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.2 ppb

MAXIMUM UPWIND PENTANE = 7.1 ppb DATE OF OCCURRENCE = 2/15 AT 0500 MAXIMUM DAILY MEAN = 2.1 ppb DATE OF OCCURRENCE = 2/15

MINIMUM UPWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/5

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND PENTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.4	1.3	1.2	0.9	0.9	1.1	1.1	1.3	1.4	1.6	**---**	**---**	**---**
6	---	1.7	1.4	1.3	1.6	1.5	1.4	1.2	1.1	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.7	0.7	0.6	0.6	**0.9**	**1.7**	**0.6**
7	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	1.1	1.3	1.4	1.6	**0.8**	**1.6**	**0.6**
8	---	1.5	1.6	1.8	1.8	1.7	1.6	1.5	1.3	1.0	1.0	1.0	1.1	1.1	1.3	1.3	1.2	1.1	1.1	1.3	1.7	2.1	2.1	1.7	**1.4**	**2.1**	**1.0**
9	---	1.4	1.4	1.2	1.1	1.0	0.9	0.8	0.9	0.9	0.8	0.7	1.0	0.8	0.7	0.7	0.9	0.7	1.1	1.4	2.0	1.9	1.8	2.0	**1.1**	**2.0**	**0.7**
10	---	1.1	1.0	1.2	1.8	1.4	1.2	1.0	1.0	1.3	1.1	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	**0.9**	**1.8**	**0.6**
11	---	1.1	1.4	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.2	1.1	1.3	1.3	1.5	1.4	1.2	1.4	1.2	1.3	1.5	1.4	1.4	1.5	**1.2**	**1.5**	**0.9**
12	---	1.7	1.8	1.9	1.8	1.9	1.7	1.9	2.1	2.0	1.6	1.9	1.6	1.6	1.3	1.6	1.5	1.2	1.2	1.3	1.7	2.4	2.3	---	**1.7**	**2.4**	**1.2**
13	2.2	---	---	1.3	1.0	0.8	0.7	0.7	0.7	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	**0.7**	**2.2**	**0.5**
14	---	0.6	0.7	0.7	0.7	0.9	1.1	1.1	0.8	0.8	1.0	0.9	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.9	1.0	**0.8**	**1.1**	**0.6**
15	---	1.0	1.0	1.1	1.0	1.1	1.2	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	1.0	**0.9**	**1.2**	**0.8**
16	---	1.2	1.4	1.3	1.3	1.3	1.4	1.2	1.1	0.9	0.9	1.4	1.3	1.2	1.6	1.5	1.5	0.9	0.9	0.8	0.9	0.9	1.1	---	**1.2**	**1.6**	**0.8**
17	1.4	1.5	1.3	1.1	1.0	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	---	**0.9**	**1.5**	**0.7**
18	0.8	0.8	0.9	1.0	1.1	1.0	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.4	1.5	1.1	1.1	1.2	1.3	1.2	1.1	1.3	1.4	---	**1.2**	**1.5**	**0.8**
19	1.2	1.1	1.0	0.9	0.9	0.9	1.0	1.0	1.2	1.2	1.3	1.4	1.3	1.5	1.5	1.4	1.9	1.5	1.2	1.7	1.4	1.4	1.4	---	**1.3**	**1.9**	**0.9**
20	1.0	1.0	0.9	0.8	0.7	0.8	0.7	0.6	1.1	1.0	0.9	0.8	0.9	0.9	0.9	0.8	0.7	0.8	1.0	0.9	0.9	0.8	0.8	---	**0.9**	**1.1**	**0.6**
21	1.0	1.1	0.9	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	---	---	0.9	0.9	0.8	0.8	1.0	**1.0**	**1.1**	**0.8**
22	---	1.1	1.1	1.1	1.3	1.1	1.2	1.2	1.1	0.9	1.0	1.0	1.1	1.1	1.3	0.9	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.0	**1.1**	**1.3**	**0.9**
23	---	0.9	1.0	1.0	1.0	1.1	0.9	1.0	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.9	**1.0**	**1.2**	**0.7**
24	---	0.8	0.9	0.9	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.0	1.2	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	**1.0**	**1.2**	**0.8**
25	---	1.0	1.1	1.1	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.2	1.2	3.4	3.8	3.6	4.4	1.5	1.4	1.6	1.5	**1.6**	**4.4**	**1.0**
26	---	1.3	1.3	1.8	2.2	1.6	1.7	2.1	1.9	1.4	2.3	1.1	1.3	1.1	1.0	0.9	0.8	0.8	1.1	1.5	1.1	1.0	1.2	1.1	**1.4**	**2.3**	**0.8**
27	---	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	0.9	0.9	1.0	1.7	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	**1.0**	**1.7**	**0.9**
28	---	1.2	1.5	1.3	1.2	1.3	1.2	1.6	1.5	1.5	1.5	1.5	1.1	1.2	0.9	0.8	1.3	1.1	1.5	1.2	1.4	1.8	1.4	2.6	**1.4**	**2.6**	**0.8**
29	---	2.1	1.3	1.6	1.8	1.9	1.7	3.8	1.6	1.4	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.6	0.7	0.6	0.7	**1.3**	**3.8**	**0.6**
30	---	0.7	0.7	0.6	0.7	0.7	0.6	0.7	---	---	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7	**0.6**	**0.7**	**0.6**
31	0.7	---	0.8	0.8	1.0	1.3	1.0	1.0	1.0	0.9	1.3	1.3	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.1	1.0	1.0	0.9	1.0	**1.0**	**1.3**	**0.7**
MEAN	**---**	**1.2**	**1.1**	**1.1**	**1.2**	**1.1**	**1.1**	**1.2**	**1.1**	**1.0**	**1.1**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.1**	**1.1**	**1.1**	**1.1**	**---**	**1.1**		
MAX	**2.2**	**2.1**	**1.8**	**1.9**	**2.2**	**1.9**	**1.7**	**3.8**	**2.1**	**2.0**	**2.3**	**1.9**	**1.7**	**1.6**	**1.6**	**1.6**	**3.4**	**3.8**	**3.6**	**4.4**	**2.0**	**2.4**	**2.3**	**2.6**		**4.4**	
MIN	**0.7**	**0.6**	**0.7**	**0.6**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**			**0.5**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 1.1 ppb

MAXIMUM UPWIND PENTANE = 4.4 ppb DATE OF OCCURRENCE = 3/25 AT 2000 MAXIMUM DAILY MEAN = 1.7 ppb DATE OF OCCURRENCE = 3/12

MINIMUM UPWIND PENTANE = 0.5 ppb DATE OF OCCURRENCE = 3/13 AT 1900 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 3/30

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND HEXANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.4	0.4	**0.1**	**0.4**	**0.0**
2	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.0	**0.2**	**0.7**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
5	---	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
6	---	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
7	---	0.2	0.2	0.4	0.3	1.3	0.9	1.5	1.5	2.7	2.1	0.5	0.2	0.2	0.2	0.3	0.2	0.3	0.1	0.3	0.2	0.1	0.1	0.1	**0.6**	**2.7**	**0.1**
8	---	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.2	0.1	**0.1**	**0.3**	**0.0**
9	---	0.2	1.1	0.9	3.4	0.8	0.9	1.0	0.2	0.2	0.5	0.4	---	---	0.2	0.1	0.2	0.8	0.3	0.9	0.5	0.2	0.1	0.2	**0.6**	**3.4**	**0.1**
10	0.2	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.1**	**0.2**	**0.0**
11	0.0	---	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
13	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
16	0.0	---	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.2**	**0.0**
17	0.0	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.2	**0.1**	**0.3**	**0.0**
18	0.1	---	0.4	0.1	0.2	---	---	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.4**	**0.0**
19	0.0	0.0	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
20	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.3	**0.1**	**0.3**	**0.0**
21	0.2	0.2	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	---	**0.1**	**0.3**	**0.0**
22	0.4	0.3	0.4	0.4	0.4	0.6	0.4	0.6	0.5	0.5	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.4	0.3	0.6	0.5	0.7	---	**0.4**	**0.7**	**0.2**
23	0.5	0.7	0.6	0.6	0.5	0.5	0.6	0.7	1.1	1.6	1.2	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.3	0.4	---	**0.5**	**1.6**	**0.0**
24	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	---	---	0.0	**0.0**	**0.1**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.4**	**0.0**
28	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.0	---	**0.1**	**0.6**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.1	---	**0.1**	**0.4**	**0.0**
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
31	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.2**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.5**	**0.7**	**1.1**	**0.9**	**3.4**	**1.3**	**0.9**	**1.5**	**1.5**	**2.7**	**2.1**	**0.8**	**0.7**	**0.4**	**0.2**	**0.3**	**0.3**	**0.8**	**0.4**	**0.9**	**1.2**	**0.5**	**0.7**	**0.4**		**3.4**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND HEXANE = 3.4 ppb DATE OF OCCURRENCE = 1/9 AT 0500 MAXIMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 1/9

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND HEXANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.4**	**0.0**
2	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	**0.0**	**0.2**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	**0.0**	**0.2**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.2**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.5**	**0.0**
10	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.4**	**0.0**
12	---	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
13	---	0.0	0.3	---	---	0.4	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.4**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
15	0.2	---	0.5	0.4	2.9	0.6	0.6	0.5	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.0	0.2	0.2	0.2	**0.4**	**2.9**	**0.0**
16	0.3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.3	0.7	0.0	0.0	0.0	**0.1**	**0.7**	**0.0**
18	0.1	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	**0.1**	**0.4**	**0.0**
19	0.0	---	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2	0.0	0.1	0.0	0.0	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.3**	**0.2**	**0.5**	**0.4**	**2.9**	**0.6**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.5**	**0.4**	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.5**	**0.3**	**0.7**	**0.3**	**0.2**	**0.2**		**2.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND HEXANE = 2.9 ppb DATE OF OCCURRENCE = 2/15 AT 0500 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 2/15

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0600 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND HEXANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	**---**	**---**	**---**
6	---	0.4	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.4**	**0.0**
7	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	**0.1**	**0.3**	**0.0**
8	---	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	**0.2**	**0.4**	**0.1**
9	---	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	**0.1**	**0.3**	**0.0**
10	---	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
11	---	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	**0.2**	**0.3**	**0.1**
12	---	0.4	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.3	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.3	---	**0.3**	**0.5**	**0.1**
13	0.3	---	---	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.1**	**0.3**	**0.0**
14	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
15	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
16	---	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
17	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	---	**0.1**	**0.3**	**0.0**
18	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
19	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.2	---	**0.2**	**0.3**	**0.1**
20	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
21	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.2	**0.0**	**0.2**	**0.0**
22	---	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
23	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	**0.1**	**0.1**	**0.0**
24	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
25	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.6	2.6	2.1	7.8	5.8	1.3	0.2	5.7	**1.2**	**7.8**	**0.0**
26	---	8.3	1.4	3.4	38.9	1.5	4.3	3.6	3.1	1.4	1.2	1.2	1.4	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**3.1**	**38.9**	**0.0**
27	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
28	---	0.2	0.2	0.2	0.1	0.3	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	**0.2**	**0.3**	**0.0**
29	---	0.3	0.1	0.2	0.2	0.6	0.2	0.5	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
30	---	0.2	0.1	0.0	0.0	0.1	0.0	0.0	---	---	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
31	0.0	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
MEAN	**---**	**0.5**	**0.2**	**0.2**	**1.6**	**0.2**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.4**	**0.3**	**0.2**	**0.1**	**---**	**0.3**		
MAX	**0.3**	**8.3**	**1.4**	**3.4**	**38.9**	**1.5**	**4.3**	**3.6**	**3.1**	**1.4**	**1.2**	**1.2**	**1.4**	**0.3**	**0.3**	**0.2**	**1.6**	**2.6**	**2.1**	**7.8**	**5.8**	**1.3**	**0.4**	**5.7**		**38.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 0.3 ppb

MAXIMUM UPWIND HEXANE = 38.9 ppb DATE OF OCCURRENCE = 3/26 AT 0500 MAXIMUM DAILY MEAN = 3.1 ppb DATE OF OCCURRENCE = 3/26

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 3/7 AT 0900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.1**
2	---	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
3	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.5**	**0.1**
4	---	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.2**	**0.3**	**0.1**
5	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
6	---	0.3	0.4	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	**0.1**	**0.4**	**0.1**
7	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.2	0.1	0.4	0.3	0.3	0.2	0.2	0.2	**0.2**	**0.4**	**0.1**
8	---	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	**0.1**	**0.4**	**0.1**
9	---	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	---	---	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.1	0.1	**0.2**	**0.4**	**0.1**
10	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
11	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
12	0.0	---	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.3**	**0.0**
13	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0.1	0.2	0.5	0.1	0.4	0.2	0.3	0.3	0.4	0.6	**0.2**	**0.6**	**0.1**
14	0.2	---	0.3	0.3	0.3	0.2	0.2	0.3	0.8	1.1	0.8	0.6	0.2	0.2	0.4	0.5	0.2	0.2	0.1	0.1	0.1	0.3	0.2	1.0	**0.4**	**1.1**	**0.1**
15	0.5	---	0.4	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	**0.2**	**0.5**	**0.1**
16	0.1	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
17	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
18	0.2	---	0.2	0.2	0.3	---	---	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
19	0.3	0.1	---	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.2	0.0	0.2	**0.1**	**0.3**	**0.0**
20	0.2	0.0	---	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.3	0.4	**0.2**	**0.4**	**0.0**
21	0.3	0.3	---	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.4	---	**0.2**	**0.5**	**0.1**
22	0.5	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	---	**0.3**	**0.5**	**0.2**
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.7	0.8	0.8	0.6	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.8	0.8	0.8	---	**0.4**	**0.8**	**0.2**
24	0.7	0.8	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	---	**0.4**	**0.8**	**0.1**
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.5	0.1	0.2	0.2	0.2	0.2	0.2	---	**0.2**	**0.5**	**0.1**
26	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	---	---	0.2	**0.2**	**0.4**	**0.1**
27	---	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.1**
28	0.2	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.1**
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	**0.2**	**0.2**	**0.1**
31	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.0	0.4	1.5	0.4	0.6	0.4	---	**0.4**	**1.5**	**0.2**
MEAN	**---**	**---**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**---**	**0.2**		
MAX	**0.7**	**0.8**	**0.6**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.8**	**1.1**	**0.8**	**0.8**	**0.6**	**0.4**	**0.4**	**0.5**	**0.5**	**1.0**	**0.4**	**1.5**	**0.8**	**0.8**	**0.8**	**1.0**		**1.5**	
MIN	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.2 ppb

MAXIMUM UPWIND BENZENE = 1.5 ppb DATE OF OCCURRENCE = 1/31 AT 2000 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 1/23

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/16 AT 1300 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	**0.2**	**0.4**	**0.2**
2	0.3	0.0	0.0	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.0**
3	0.1	0.1	0.1	0.4	0.7	0.4	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	---	**0.2**	**0.7**	**0.1**
4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
5	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	**0.1**	**0.2**	**0.1**
6	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.2**	**0.2**
7	---	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2	**0.1**	**0.2**	**0.0**
8	---	0.0	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
9	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
10	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
11	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.2	0.1	0.1	**0.2**	**0.4**	**0.1**
12	---	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	**0.2**	**0.3**	**0.1**
13	---	0.2	0.2	---	---	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.6	0.1	0.1	**0.2**	**0.6**	**0.1**
14	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
15	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	**0.2**	**0.3**	**0.1**
16	0.1	---	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.1	0.2	0.2	0.3	0.3	0.3	0.3	**0.2**	**0.3**	**0.1**
17	0.4	---	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	**0.3**	**0.4**	**0.1**
18	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
19	0.2	---	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.4**	**0.4**	**0.4**	**0.4**	**0.7**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.2**	**0.2**	**0.3**	**0.2**	**0.4**	**0.3**	**0.3**	**0.2**	**0.2**	**0.4**	**0.3**	**0.6**	**0.3**	**0.3**		**0.7**	
MIN	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.2 ppb

MAXIMUM UPWIND BENZENE = 0.7 ppb DATE OF OCCURRENCE = 2/3 AT 0500 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 2/17

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 0200 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/7

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND BENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.3	0.3	**---**	**---**	**---**
6	---	0.3	0.5	0.6	1.0	1.0	0.8	1.1	0.8	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.4**	**1.1**	**0.1**
7	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.4	0.3	0.3	**0.2**	**0.4**	**0.1**
8	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
9	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	**0.1**	**0.2**	**0.1**
10	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
11	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	**0.2**	**0.4**	**0.1**
12	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.1**
13	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
14	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.1**
15	---	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
16	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	---	**0.2**	**0.3**	**0.1**
17	0.2	0.2	0.2	0.1	0.2	0.4	0.5	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**0.5**	**0.1**
18	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	---	**0.1**	**0.4**	**0.1**
19	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
20	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
22	---	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
23	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
24	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.4	0.2	0.2	0.1	0.1	0.3	0.1	0.2	0.2	**0.2**	**0.4**	**0.1**
25	---	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.2**	**0.1**
26	---	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
27	---	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	**0.1**	**0.4**	**0.1**
28	---	0.4	0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
29	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	**0.1**	**0.1**	**0.0**
30	---	0.4	0.2	0.1	0.1	0.0	0.1	0.0	---	---	0.1	0.6	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.6**	**0.0**
31	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.5**	**0.0**
MEAN	**---**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.2**	**0.4**	**0.5**	**0.6**	**1.0**	**1.0**	**0.8**	**1.1**	**0.8**	**0.4**	**0.3**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**	**0.2**	**0.2**	**0.3**	**0.4**	**0.4**	**0.4**	**0.3**	**0.4**		**1.1**	
MIN	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND BENZENE = 1.1 ppb DATE OF OCCURRENCE = 3/6 AT 0800 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 3/6

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/29 AT 2300 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 3/29

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOLUENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
2	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
3	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
4	---	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
5	---	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
6	---	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
7	---	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
8	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
9	---	0.1	0.2	0.2	0.3	0.2	0.5	0.5	0.9	0.3	0.3	0.3	---	---	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.1	**0.3**	**0.9**	**0.1**
10	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
11	0.1	---	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	**0.1**	**0.1**	**0.0**
12	0.0	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
13	0.2	---	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	**0.2**	**0.3**	**0.1**
14	0.2	---	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	**0.2**	**0.4**	**0.1**
15	0.2	---	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	**0.2**	**0.2**	**0.1**
16	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
17	0.0	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	**0.1**	**0.2**	**0.0**
18	0.1	---	0.1	0.1	0.1	---	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
19	0.1	0.0	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
20	0.0	0.0	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	**0.1**	**0.4**	**0.0**
21	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	---	**0.1**	**0.3**	**0.1**
22	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	---	**0.2**	**0.3**	**0.1**
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.4	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.8	0.7	0.7	---	**0.3**	**0.8**	**0.1**
24	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0.1	0.2	0.2	0.3	0.1	0.1	0.1	---	**0.3**	**0.6**	**0.1**
25	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
26	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	---	---	0.1	**0.1**	**0.2**	**0.0**
27	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
31	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.4	0.6	0.3	0.4	0.3	---	**0.4**	**0.6**	**0.1**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.6**	**0.6**	**0.5**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.9**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.4**	**0.6**	**0.8**	**0.7**	**0.7**	**0.4**		**0.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOLUENE = 0.9 ppb DATE OF OCCURRENCE = 1/9 AT 0900 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 1/31

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/19

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOLUENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.0**
2	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
3	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
4	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
5	---	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
6	---	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	**0.2**	**0.3**	**0.1**
7	---	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
8	---	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
9	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	**0.1**	**0.1**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
11	---	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
12	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
13	---	0.2	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
14	0.1	---	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
15	0.1	---	0.2	0.2	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
16	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
17	0.3	---	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.2**	**0.3**	**0.1**
18	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
19	0.1	---	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**		**0.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOLUENE = 0.3 ppb DATE OF OCCURRENCE = 2/1 AT 0100 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 2/6

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 1900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/2

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOLUENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.3	**---**	**---**	**---**
6	---	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
8	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
9	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
10	---	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
11	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	**0.2**	**0.3**	**0.1**
12	---	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.0**
13	0.1	---	---	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	---	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.2**	**0.0**
15	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
16	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
20	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
22	---	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
23	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
24	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
25	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.2	0.1	**0.1**	**0.2**	**0.0**
26	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
27	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	**0.1**	**0.3**	**0.1**
28	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
29	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.2**	**0.0**
30	---	0.1	0.0	0.0	0.0	0.0	0.1	0.0	---	---	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	**0.0**	**0.2**	**0.0**
31	0.0	---	0.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
MEAN	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.1**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.2**	**0.1**	**0.2**	**0.3**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**		**0.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOLUENE = 0.3 ppb DATE OF OCCURRENCE = 3/6 AT 0500 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 3/11

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 3/29 AT 1900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND ETHYLBENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
18	0.0	---	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
20	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
21	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		**0.1**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.1 ppb DATE OF OCCURRENCE = 1/23 AT 2100 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/31

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND ETHYLBENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	---	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0100 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/6

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 1900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/14

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND ETHYLBENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	---	---
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
13	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
16	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.1	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0		
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1		0.1	
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.1 ppb DATE OF OCCURRENCE = 3/16 AT 1100 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/12

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/5 AT 1500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/30

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOTAL XYLENES in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
4	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	**0.1**	**0.1**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
9	---	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	0.1	---	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.1**	**0.2**	**0.0**
14	0.1	---	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
15	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
16	0.0	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
18	0.1	---	0.1	0.0	0.1	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
20	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	**0.0**	**0.2**	**0.0**
21	0.0	0.1	---	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	---	**0.0**	**0.1**	**0.0**
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.0**	**0.2**	**0.0**
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.4	0.3	0.4	---	**0.2**	**0.4**	**0.0**
24	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	---	**0.2**	**0.3**	**0.0**
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
28	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
29	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	---	**0.1**	**0.1**	**0.0**
31	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.1	---	**0.2**	**0.2**	**0.0**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.3**	**0.4**	**0.2**		**0.4**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.4 ppb DATE OF OCCURRENCE = 1/23 AT 2100 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 1/23

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/19

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOTAL XYLENES in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
5	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
6	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.1**	**0.0**
7	---	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
11	---	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	---	0.0	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
17	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
18	0.0	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.2**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		**0.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.2 ppb DATE OF OCCURRENCE = 2/1 AT 0100 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/6

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/14

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND TOTAL XYLENES in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	**---**	**---**	**---**
6	---	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
8	---	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
9	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	---	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
12	---	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
13	0.1	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	---	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
15	---	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
16	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	---	**0.1**	**0.1**	**0.0**
17	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
18	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	---	**0.1**	**0.1**	**0.0**
19	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.1**	**0.1**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
25	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
26	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
28	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
29	---	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
31	0.0	---	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
MEAN	**---**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**---**	**0.0**		
MAX	**0.1**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.3**		**0.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.3 ppb DATE OF OCCURRENCE = 3/5 AT 2400 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 3/11

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 3/7 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/13

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND THC PAMS in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	9.9	11.0	9.8	7.9	7.2	7.2	6.9	7.4	7.4	6.8	7.9	8.4	9.0	8.2	7.9	9.0	11.7	9.9	17.7	18.0	22.4	32.1	36.9	**12.2**	**36.9**	**6.8**
2	---	37.1	39.7	38.2	42.8	44.8	44.3	43.8	40.2	35.9	26.7	21.7	21.4	22.8	22.0	20.6	20.3	20.7	21.2	18.4	20.4	20.5	23.1	25.9	**29.2**	**44.8**	**18.4**
3	---	25.9	22.7	25.3	23.4	22.4	18.5	17.8	16.6	18.8	20.5	19.4	30.9	20.8	18.3	22.5	18.0	19.4	26.0	29.9	26.7	29.7	47.8	38.0	**24.3**	**47.8**	**16.6**
4	---	50.7	46.7	37.7	22.7	18.9	16.8	17.2	17.5	16.6	18.3	18.3	15.5	14.5	13.0	13.3	12.8	10.7	8.8	8.9	9.7	9.1	8.6	8.1	**18.0**	**50.7**	**8.1**
5	---	7.0	6.7	5.8	5.7	6.0	6.2	5.3	5.4	6.7	6.5	5.6	7.1	6.4	9.0	9.6	10.6	10.2	13.6	17.5	17.1	18.7	15.8	12.1	**9.3**	**18.7**	**5.3**
6	---	15.0	11.4	6.9	7.7	21.1	7.2	6.7	6.9	7.2	7.0	8.0	7.4	6.9	7.0	7.2	7.2	7.9	7.8	7.7	8.5	8.8	10.4	9.7	**8.8**	**21.1**	**6.7**
7	---	14.1	22.7	43.2	25.8	55.8	43.2	65.3	62.7	93.0	82.1	35.8	28.5	22.6	24.9	42.8	37.1	16.3	15.6	27.8	19.0	12.5	11.3	11.7	**35.4**	**93.0**	**11.3**
8	---	7.9	9.0	8.4	7.9	7.3	6.9	6.0	6.7	5.7	7.4	6.7	7.1	6.9	6.7	5.7	6.4	6.5	7.1	6.8	6.8	7.4	18.3	13.2	**7.8**	**18.3**	**5.7**
9	---	16.8	50.2	62.3	110.2	32.1	82.4	81.1	31.6	43.1	64.2	37.1	---	---	53.5	110.3	110.1	45.0	37.2	157.0	100.6	22.5	23.9	30.6	**62.0**	**157.0**	**16.8**
10	29.5	---	14.2	14.2	10.7	13.4	13.9	12.3	19.1	16.8	32.1	27.0	17.6	15.8	18.8	17.4	25.1	90.1	64.9	29.9	26.5	21.5	24.8	22.4	**25.1**	**90.1**	**10.7**
11	20.5	---	25.6	17.6	14.9	13.2	18.3	22.2	20.0	17.8	26.1	33.9	28.8	15.2	11.2	23.5	31.3	6.1	7.8	8.0	20.2	29.2	23.7	17.1	**19.7**	**33.9**	**6.1**
12	12.5	---	4.9	5.2	7.5	7.0	6.9	5.4	7.5	6.7	6.1	6.1	6.3	6.8	7.2	7.0	8.8	10.4	12.5	10.6	17.0	11.2	21.1	14.9	**9.1**	**21.1**	**4.9**
13	16.7	---	56.1	348.9	56.9	55.0	48.3	44.4	48.6	37.0	27.8	17.9	16.8	11.5	10.2	14.5	16.3	12.4	20.5	19.2	22.1	36.5	35.9	64.1	**45.1**	**348.9**	**10.2**
14	35.9	---	61.9	31.7	32.6	42.5	39.7	89.7	60.9	91.7	83.3	58.1	40.4	37.1	27.3	29.9	17.7	15.2	14.5	13.3	14.0	15.0	14.8	18.4	**38.5**	**91.7**	**13.3**
15	16.8	---	18.7	16.5	18.6	19.6	19.6	26.2	41.8	43.8	44.6	45.9	34.1	41.9	31.3	34.1	30.7	29.1	30.9	40.2	33.3	26.6	17.9	15.1	**29.4**	**45.9**	**15.1**
16	14.5	---	14.6	14.6	14.2	12.1	11.4	9.9	9.7	10.1	11.1	10.1	6.8	7.1	8.0	6.8	6.8	7.5	7.1	7.0	7.0	7.2	7.5	7.8	**9.5**	**14.6**	**6.8**
17	7.3	---	8.9	8.6	8.1	7.9	7.5	8.1	8.3	10.8	8.8	11.3	9.3	11.7	13.8	10.4	8.3	9.4	19.0	21.0	15.9	14.0	17.6	17.2	**11.4**	**21.0**	**7.3**
18	16.9	---	27.2	19.6	34.4	---	---	32.6	18.2	22.3	16.8	29.6	12.5	23.8	17.2	16.1	13.6	10.0	9.6	9.1	12.2	12.4	9.4	8.5	**17.7**	**34.4**	**8.5**
19	11.9	13.8	---	8.6	8.4	8.1	8.6	9.8	10.7	11.3	11.2	9.7	11.3	11.6	10.9	11.3	10.7	9.7	10.7	12.0	12.2	13.6	13.1	12.2	**10.9**	**13.8**	**8.1**
20	13.1	12.8	---	14.4	14.7	14.2	14.2	15.6	20.6	11.2	9.0	9.1	8.7	7.4	8.4	10.5	6.9	7.3	8.9	12.1	11.3	16.7	13.7	24.1	**12.4**	**24.1**	**6.9**
21	22.8	19.8	---	17.7	12.4	11.8	12.4	13.9	10.7	9.1	10.9	8.5	8.3	8.8	7.1	9.2	9.1	10.2	10.9	15.2	21.2	24.7	30.0	---	**13.9**	**30.0**	**7.1**
22	35.1	36.5	45.9	40.6	50.8	76.2	49.8	64.6	81.3	59.8	44.4	28.2	31.4	34.4	29.8	27.2	76.1	96.7	101.4	182.6	62.9	67.9	122.8	---	**62.9**	**182.6**	**27.2**
23	60.7	76.9	178.9	76.1	66.1	66.1	64.5	100.6	118.6	139.3	124.0	88.6	70.6	28.2	31.4	33.9	175.4	325.2	56.1	82.9	103.6	46.1	64.2	---	**94.7**	**325.2**	**28.2**
24	62.9	56.2	45.6	66.2	48.9	45.0	59.5	53.4	86.4	59.5	48.6	50.8	35.4	27.0	32.8	45.7	54.7	43.5	38.2	27.8	8.2	15.3	26.5	---	**45.1**	**86.4**	**8.2**
25	23.5	28.1	28.8	23.4	20.0	24.2	24.5	26.5	11.0	10.5	13.5	11.2	11.7	10.2	10.6	10.4	13.0	12.7	12.4	11.0	9.3	12.8	10.4	---	**16.1**	**28.8**	**9.3**
26	12.2	11.4	10.8	10.8	9.8	11.7	11.7	9.9	9.9	9.8	9.8	11.8	12.0	11.9	10.8	9.0	9.7	11.4	11.7	9.8	9.3	---	---	13.8	**10.9**	**13.8**	**9.0**
27	---	9.0	9.2	9.5	12.0	12.2	12.0	12.6	10.0	11.4	10.1	10.7	12.6	13.4	9.3	11.3	10.7	8.6	10.8	7.7	8.1	11.3	8.1	---	**10.5**	**13.4**	**7.7**
28	11.9	8.0	10.6	9.4	11.4	12.6	11.5	11.9	10.3	11.5	9.4	11.8	12.5	11.3	9.0	9.4	11.9	11.5	6.6	11.0	9.2	10.7	10.9	---	**10.6**	**12.6**	**6.6**
29	11.0	8.8	10.3	12.0	11.6	10.7	9.4	12.3	12.2	12.1	12.8	12.3	11.3	9.6	12.1	9.4	8.8	12.3	11.8	11.7	13.4	12.3	17.4	---	**11.5**	**17.4**	**8.8**
30	36.3	29.3	30.0	46.0	47.5	30.5	19.4	23.3	26.6	30.3	25.2	20.8	16.0	13.1	13.0	12.5	12.4	12.3	12.0	13.1	13.6	76.5	26.5	---	**25.5**	**76.5**	**12.0**
31	19.3	15.7	147.2	30.3	32.9	39.0	47.2	30.8	36.2	29.2	30.0	43.0	29.8	27.7	36.9	29.8	30.6	43.5	33.1	47.1	34.1	40.5	41.2	---	**38.9**	**147.2**	**15.7**
MEAN	**---**	**---**	**34.6**	**34.8**	**25.8**	**24.9**	**24.8**	**28.6**	**28.2**	**28.9**	**27.6**	**23.1**	**19.0**	**16.5**	**17.1**	**20.3**	**26.5**	**30.4**	**21.2**	**28.8**	**22.9**	**22.4**	**25.0**	**---**	**25.0**		
MAX	**62.9**	**76.9**	**178.9**	**348.9**	**110.2**	**76.2**	**82.4**	**100.6**	**118.6**	**139.3**	**124.0**	**88.6**	**70.6**	**41.9**	**53.5**	**110.3**	**175.4**	**325.2**	**101.4**	**182.6**	**103.6**	**76.5**	**122.8**	**64.1**		**348.9**	
MIN	**7.3**	**7.0**	**4.9**	**5.2**	**5.7**	**6.0**	**6.2**	**5.3**	**5.4**	**5.7**	**6.1**	**5.6**	**6.3**	**6.4**	**6.7**	**5.7**	**6.4**	**6.1**	**6.6**	**6.8**	**6.8**	**7.2**	**7.5**	**7.8**			**4.9**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 706 DATA RECOVERY RATE = 94.9%

MONTHLY MEAN = 25.0 ppb

MAXIMUM UPWIND THC PAMS = 348.9 ppb DATE OF OCCURRENCE = 1/13 AT 0400 MAXIMUM DAILY MEAN = 94.7 ppb DATE OF OCCURRENCE = 1/23

MINIMUM UPWIND THC PAMS = 4.9 ppb DATE OF OCCURRENCE = 1/12 AT 0300 MINUMUM DAILY MEAN = 7.8 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND THC PAMS in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	32.4	28.6	28.6	20.8	18.8	17.0	17.0	15.3	17.4	15.2	14.5	15.2	19.1	13.9	15.8	14.0	14.5	16.1	15.8	20.7	17.9	18.3	17.7	---	**18.4**	**32.4**	**13.9**
2	14.5	13.2	13.3	12.6	15.1	14.1	11.0	14.7	20.2	16.2	13.9	11.4	10.0	13.0	12.0	11.6	13.3	12.4	11.6	12.1	10.8	11.8	11.1	---	**13.0**	**20.2**	**10.0**
3	12.0	12.0	13.0	15.1	14.5	14.1	18.2	19.6	38.6	28.3	16.6	17.8	16.6	16.3	15.9	19.6	22.3	23.2	25.8	29.2	39.8	38.2	37.8	---	**21.9**	**39.8**	**12.0**
4	20.8	17.8	13.2	15.9	19.8	13.5	15.4	12.7	20.2	17.2	18.0	---	---	19.3	18.5	19.2	19.9	19.7	14.8	11.8	10.0	14.1	19.0	17.3	**16.7**	**20.8**	**10.0**
5	---	14.5	14.3	15.0	13.8	14.4	14.2	24.6	14.2	17.0	15.0	13.1	13.8	14.1	15.9	16.3	15.1	14.4	14.8	15.8	15.4	14.9	12.7	15.4	**15.2**	**24.6**	**12.7**
6	---	15.5	15.9	15.2	17.3	15.5	17.2	178.5	27.5	23.7	21.7	20.9	16.3	17.7	43.0	58.4	34.5	16.6	15.8	15.2	15.7	15.3	13.7	14.0	**28.1**	**178.5**	**13.7**
7	---	14.4	14.9	14.6	13.1	14.5	15.2	12.8	12.8	14.0	13.9	14.5	13.6	13.9	12.8	13.4	15.8	13.6	13.5	14.7	14.2	15.4	15.6	14.8	**14.2**	**15.8**	**12.8**
8	---	18.0	15.9	16.4	17.7	18.1	18.0	21.2	20.8	18.6	18.7	19.8	17.1	17.4	17.6	18.0	20.9	19.4	20.5	25.4	20.2	23.4	24.3	23.0	**19.6**	**25.4**	**15.9**
9	---	19.0	20.0	21.4	21.9	25.8	29.9	30.3	28.1	30.3	31.8	25.0	26.2	23.8	22.6	27.1	27.0	32.0	26.8	27.2	18.2	20.2	21.7	22.0	**25.1**	**32.0**	**18.2**
10	---	24.4	19.8	17.6	22.1	22.2	20.8	23.1	22.5	20.0	22.9	22.1	22.6	20.7	8.2	22.4	13.1	24.6	24.1	21.6	20.9	19.1	25.9	25.9	**21.1**	**25.9**	**8.2**
11	---	27.2	19.4	21.6	18.9	23.3	20.2	21.7	21.6	20.7	17.2	18.9	21.3	20.2	18.3	21.0	25.3	19.6	16.3	22.4	26.3	24.3	18.6	21.8	**21.1**	**27.2**	**16.3**
12	---	21.1	21.4	21.1	24.2	25.8	22.9	52.1	27.6	24.3	25.0	30.0	22.2	23.1	27.0	29.6	24.7	53.1	104.6	83.7	22.1	23.0	47.5	43.7	**34.8**	**104.6**	**21.1**
13	---	20.3	24.7	---	---	23.5	22.7	13.6	22.2	17.3	21.4	19.1	24.9	19.2	22.4	21.5	20.6	21.6	23.4	20.4	20.8	20.3	21.2	20.8	**21.0**	**24.9**	**13.6**
14	22.3	---	22.8	21.9	23.2	24.3	25.8	22.5	23.2	23.0	23.7	22.6	23.3	23.3	24.5	23.3	23.2	23.1	21.7	24.6	25.5	22.7	27.9	27.8	**23.7**	**27.9**	**21.7**
15	30.8	---	113.9	74.7	99.1	250.5	52.2	143.7	27.4	72.7	36.9	39.1	27.9	31.7	33.9	34.8	35.6	29.7	35.6	42.2	38.0	33.7	34.6	40.1	**59.1**	**250.5**	**27.4**
16	28.6	---	22.8	33.9	27.2	27.1	25.3	28.7	24.8	28.2	25.6	24.5	18.6	20.9	23.1	27.2	28.9	25.3	25.3	27.3	28.8	38.1	37.3	39.3	**27.7**	**39.3**	**18.6**
17	32.6	---	43.8	49.9	56.0	45.1	47.6	52.7	52.9	59.8	43.1	27.9	37.3	42.8	46.4	51.1	62.5	47.4	44.1	47.4	44.6	89.9	76.6	47.2	**49.9**	**89.9**	**27.9**
18	107.6	---	26.8	27.0	29.9	35.2	24.5	27.0	23.6	26.7	27.9	27.0	28.0	24.1	29.1	21.3	22.0	20.1	21.0	26.0	18.3	26.5	25.8	24.9	**29.1**	**107.6**	**18.3**
19	25.8	---	27.5	25.3	27.1	26.9	20.3	27.6	27.3	22.8	26.9	22.4	26.8	26.3	22.2	22.5	27.3	20.2	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**107.6**	**28.6**	**113.9**	**74.7**	**99.1**	**250.5**	**52.2**	**178.5**	**52.9**	**72.7**	**43.1**	**39.1**	**37.3**	**42.8**	**46.4**	**58.4**	**62.5**	**53.1**	**104.6**	**83.7**	**44.6**	**89.9**	**76.6**	**47.2**		**250.5**	
MIN	**12.0**	**12.0**	**13.0**	**12.6**	**13.1**	**13.5**	**11.0**	**12.7**	**12.8**	**14.0**	**13.9**	**11.4**	**10.0**	**13.0**	**8.2**	**11.6**	**13.1**	**12.4**	**11.6**	**11.8**	**10.0**	**11.8**	**11.1**	**14.0**			**8.2**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 428 DATA RECOVERY RATE = 61.5%

MONTHLY MEAN = 25.6 ppb

MAXIMUM UPWIND THC PAMS = 250.5 ppb DATE OF OCCURRENCE = 2/15 AT 0600 MAXIMUM DAILY MEAN = 59.1 ppb DATE OF OCCURRENCE = 2/15

MINIMUM UPWIND THC PAMS = 8.2 ppb DATE OF OCCURRENCE = 2/10 AT 1500 MINUMUM DAILY MEAN = 13.0 ppb DATE OF OCCURRENCE = 2/2

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

UPWIND THC PAMS in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.7	38.2	38.3	83.4	140.8	65.2	39.2	43.9	45.0	48.6	**---**	**---**	**---**
6	---	45.2	43.2	41.7	43.8	42.9	44.9	42.6	40.1	35.8	32.5	32.6	31.9	32.6	30.1	32.9	34.9	35.3	34.4	32.3	34.3	26.2	36.0	33.2	**36.5**	**45.2**	**26.2**
7	---	34.7	36.1	32.6	32.6	33.2	35.9	37.6	36.0	38.5	34.3	38.4	31.9	37.9	32.1	35.9	35.9	37.7	35.9	35.7	44.5	44.7	47.7	49.2	**37.3**	**49.2**	**31.9**
8	---	45.8	48.4	49.3	52.2	51.8	58.3	51.8	48.3	42.4	42.0	41.4	39.4	39.6	41.6	41.0	37.8	40.5	41.2	44.0	49.4	55.0	54.2	52.8	**46.4**	**58.3**	**37.8**
9	---	39.1	45.7	44.2	42.6	41.0	37.2	38.9	37.3	32.6	36.6	34.0	31.5	34.7	36.4	35.6	35.4	37.0	37.7	42.1	39.2	48.5	49.1	50.9	**39.4**	**50.9**	**31.5**
10	---	38.7	38.2	44.5	47.4	45.7	43.7	39.3	37.6	43.2	43.0	37.1	39.6	37.2	38.1	40.2	40.7	41.9	44.3	43.2	41.7	38.5	41.1	39.9	**41.1**	**47.4**	**37.1**
11	---	39.5	47.9	42.0	41.6	39.7	69.9	38.4	40.5	44.3	50.4	48.9	47.9	43.5	44.4	44.7	47.5	47.8	43.9	45.7	47.3	48.5	47.4	51.4	**46.2**	**69.9**	**38.4**
12	---	63.2	50.6	58.2	57.7	65.9	57.7	65.4	65.5	53.4	49.1	50.1	79.1	47.4	38.7	47.0	49.5	41.9	43.5	44.7	51.6	54.5	50.7	---	**53.9**	**79.1**	**38.7**
13	50.8	---	---	42.8	41.2	45.1	39.6	46.6	40.9	45.6	40.9	40.2	39.9	36.5	39.1	38.4	23.7	41.3	30.8	40.5	45.3	42.7	48.5	44.6	**41.1**	**50.8**	**23.7**
14	---	48.0	41.4	46.8	49.6	49.2	49.5	49.8	46.0	45.7	47.3	47.8	48.1	44.0	45.9	46.6	40.7	44.8	47.1	47.5	46.0	49.4	44.1	48.9	**46.7**	**49.8**	**40.7**
15	---	48.8	51.3	44.6	50.5	49.0	45.8	45.0	54.8	53.6	50.3	47.9	51.2	45.6	40.4	44.7	54.1	47.0	46.8	50.4	54.0	45.9	56.6	56.4	**49.3**	**56.6**	**40.4**
16	---	53.4	51.1	58.2	55.3	54.5	68.2	70.0	55.1	48.9	58.2	62.0	51.8	54.4	54.3	53.6	55.2	53.1	51.9	49.5	46.8	50.2	50.9	---	**54.8**	**70.0**	**46.8**
17	57.2	55.1	53.4	51.8	51.9	51.5	52.8	56.5	56.6	48.3	54.3	51.2	57.9	50.7	54.7	52.8	53.5	60.2	51.1	54.3	55.4	55.2	53.6	---	**53.9**	**60.2**	**48.3**
18	54.3	50.1	56.9	54.0	106.7	58.6	138.5	134.3	70.5	59.3	51.9	54.2	54.7	57.2	51.9	54.4	51.5	56.7	52.7	59.4	51.0	52.1	58.5	---	**64.8**	**138.5**	**50.1**
19	51.1	48.8	56.6	47.7	50.2	50.9	51.1	57.2	52.8	64.1	61.3	53.7	54.4	57.3	56.3	54.4	66.0	52.4	47.8	56.4	53.9	58.0	49.8	---	**54.4**	**66.0**	**47.7**
20	49.9	51.8	55.7	55.8	52.5	52.5	56.9	56.7	45.5	57.1	47.3	45.9	46.4	48.1	55.1	47.9	58.3	49.9	57.7	58.8	57.9	60.3	57.1	---	**53.3**	**60.3**	**45.5**
21	57.6	59.2	60.5	55.5	67.3	61.5	64.7	62.9	58.1	58.3	61.8	67.0	57.6	61.8	57.7	64.2	62.4	---	---	60.1	62.7	46.9	66.0	55.8	**60.4**	**67.3**	**46.9**
22	---	150.3	165.6	88.3	93.6	272.5	488.7	63.2	67.1	72.3	60.8	70.5	69.3	61.8	64.0	63.1	58.4	61.6	66.1	68.1	51.4	64.0	49.7	56.9	**101.2**	**488.7**	**49.7**
23	---	65.7	61.6	56.3	65.1	58.8	65.6	63.5	67.0	58.2	63.0	60.0	67.0	73.9	65.3	67.6	62.9	64.1	67.5	55.2	58.4	65.4	68.2	61.9	**63.6**	**73.9**	**55.2**
24	---	65.2	62.4	60.3	60.9	66.1	66.9	63.3	45.5	64.2	70.6	68.6	71.6	68.0	64.2	67.1	62.9	64.2	62.5	45.4	68.7	57.7	68.2	73.4	**63.8**	**73.4**	**45.4**
25	---	68.1	71.7	62.2	66.6	62.4	74.0	59.6	68.3	65.7	66.7	59.4	60.4	72.7	59.3	67.0	113.3	97.4	88.8	130.5	136.1	83.2	80.6	103.3	**79.0**	**136.1**	**59.3**
26	---	128.7	87.8	93.6	175.0	99.9	121.8	98.0	99.3	78.2	77.7	76.3	75.8	59.6	58.1	60.6	54.6	49.7	52.8	61.8	57.1	64.8	64.1	48.8	**80.2**	**175.0**	**48.8**
27	---	63.4	65.9	57.4	68.8	63.9	62.9	68.7	68.7	67.3	60.7	63.2	71.3	60.9	64.7	58.1	62.2	55.2	58.7	64.5	62.6	65.3	68.0	65.3	**63.8**	**71.3**	**55.2**
28	---	82.9	87.3	70.3	68.8	64.5	61.1	72.5	72.0	74.2	71.2	72.1	64.1	56.1	52.8	57.4	64.2	63.1	71.8	70.9	63.7	77.3	59.9	88.7	**69.0**	**88.7**	**52.8**
29	---	73.2	63.1	69.9	69.5	68.2	71.9	78.4	71.2	65.3	60.8	58.5	47.7	38.8	46.2	98.6	46.7	37.4	42.1	47.7	42.9	49.0	63.3	64.9	**59.8**	**98.6**	**37.4**
30	---	72.1	64.1	46.1	47.3	30.1	46.6	51.6	---	---	49.2	51.9	68.8	73.2	62.5	67.0	75.3	72.3	77.9	65.3	66.9	70.9	69.1	67.1	**61.7**	**77.9**	**30.1**
31	66.3	---	71.3	69.7	70.9	74.7	63.3	65.4	71.7	74.9	65.6	68.3	71.7	64.3	67.7	70.3	67.5	67.2	65.7	62.5	68.8	71.3	64.6	71.2	**68.5**	**74.9**	**62.5**
MEAN	**---**	**62.1**	**61.5**	**55.5**	**62.7**	**63.6**	**78.3**	**60.7**	**56.7**	**55.7**	**54.1**	**53.9**	**55.0**	**52.2**	**50.5**	**53.7**	**53.8**	**54.0**	**56.2**	**55.6**	**55.4**	**55.2**	**56.0**	**---**	**57.3**		
MAX	**66.3**	**150.3**	**165.6**	**93.6**	**175.0**	**272.5**	**488.7**	**134.3**	**99.3**	**78.2**	**77.7**	**76.3**	**79.1**	**73.9**	**67.7**	**98.6**	**113.3**	**97.4**	**140.8**	**130.5**	**136.1**	**83.2**	**80.6**	**103.3**		**488.7**	
MIN	**49.9**	**34.7**	**36.1**	**32.6**	**32.6**	**30.1**	**35.9**	**37.6**	**36.0**	**32.6**	**32.5**	**32.6**	**31.5**	**32.6**	**30.1**	**32.9**	**23.7**	**35.3**	**30.8**	**32.3**	**34.3**	**26.2**	**36.0**	**33.2**			**23.7**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 602 DATA RECOVERY RATE = 80.9%

MONTHLY MEAN = 57.3 ppb

MAXIMUM UPWIND THC PAMS = 488.7 ppb DATE OF OCCURRENCE = 3/22 AT 0700 MAXIMUM DAILY MEAN = 101.2 ppb DATE OF OCCURRENCE = 3/22

MINIMUM UPWIND THC PAMS = 23.7 ppb DATE OF OCCURRENCE = 3/13 AT 1700 MINUMUM DAILY MEAN = 36.5 ppb DATE OF OCCURRENCE = 3/6

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

B.2 Downwind #1

HarmonCreek

DOWNWIND PROPANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	1.6	1.8	2.0	2.2	5.9	5.0	6.5	8.6	---	**1.8**	**8.6**	**0.4**
2	8.2	9.9	11.2	11.1	11.9	13.7	12.1	13.6	11.9	8.5	6.7	6.5	5.4	7.8	5.9	6.4	14.0	6.1	6.3	1.0	0.9	0.9	1.0	---	**7.9**	**14.0**	**0.9**
3	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.8	0.9	0.8	1.3	0.8	0.7	1.1	0.7	0.8	1.1	1.1	1.1	1.5	2.6	---	**1.0**	**2.6**	**0.7**
4	1.5	1.6	1.5	1.4	1.0	0.9	0.8	0.9	1.0	0.9	0.9	0.9	0.7	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6	---	**0.9**	**1.6**	**0.5**
5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	1.3	0.9	1.0	0.7	---	**0.6**	**1.3**	**0.4**
6	0.7	0.8	0.6	0.5	0.5	1.0	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	---	**0.6**	**1.0**	**0.4**
7	0.7	0.7	1.0	1.2	1.8	1.9	2.2	2.9	3.0	2.6	3.6	1.5	1.0	0.7	0.9	1.3	1.2	0.7	0.6	0.8	0.7	0.6	0.6	---	**1.4**	**3.6**	**0.6**
8	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.5	1.3	0.4	1.3	1.3	1.2	1.2	0.6	1.4	1.4	1.2	1.3	3.4	---	**0.9**	**3.4**	**0.4**
9	3.5	4.9	10.9	7.0	7.1	8.2	4.8	3.9	3.6	2.4	3.2	3.4	2.7	2.6	2.9	2.9	4.6	3.6	3.0	7.5	5.1	3.2	3.7	---	**4.6**	**10.9**	**2.4**
10	8.7	10.0	9.0	1.4	0.9	1.6	1.5	0.8	1.1	1.0	1.2	1.1	0.8	0.8	0.7	0.8	38.0	17.6	13.2	2.2	0.9	0.8	0.9	---	**5.0**	**38.0**	**0.7**
11	0.8	0.7	0.9	0.7	0.6	0.6	0.7	0.7	0.6	0.7	0.7	1.0	1.4	1.4	1.4	1.4	1.0	0.6	0.6	0.7	---	---	1.1	1.3	**0.9**	**1.4**	**0.6**
12	---	0.7	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.7	0.7	**0.6**	**0.8**	**0.5**
13	---	0.8	1.5	6.4	6.4	2.7	2.1	2.1	1.9	1.6	1.1	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.6	2.3	2.8	**1.8**	**6.4**	**0.7**
14	---	1.5	2.9	2.0	1.4	1.4	1.4	2.1	5.0	1.7	1.7	2.1	1.7	1.6	1.3	1.1	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	**1.5**	**5.0**	**0.8**
15	---	0.9	1.1	1.0	1.0	0.9	1.1	1.1	1.4	5.7	1.7	1.5	1.3	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6	0.6	0.6	0.7	0.7	0.6	1.5	0.7	0.8	1.1	**---**	**---**	**---**
21	1.1	---	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.8	0.8	0.8	1.2	1.1	1.4	---	**0.8**	**1.4**	**0.5**
22	1.5	2.0	1.8	2.2	2.3	4.3	8.4	35.6	4.9	3.0	1.9	1.2	1.3	1.5	1.3	1.3	1.3	1.3	2.1	1.9	---	---	3.5	2.4	**4.0**	**35.6**	**1.2**
23	---	3.5	23.6	4.1	20.3	24.9	3.6	3.4	11.9	4.4	2.0	3.2	2.3	1.4	1.5	1.6	1.7	1.9	2.2	2.3	2.0	1.9	2.2	1.4	**5.5**	**24.9**	**1.4**
24	---	1.9	10.0	1.5	1.2	1.3	1.3	1.2	1.4	1.4	1.0	1.0	0.9	0.8	0.9	0.8	0.9	1.0	0.8	0.9	0.9	0.8	1.4	1.1	**1.5**	**10.0**	**0.8**
25	---	0.8	1.1	1.7	1.4	1.6	1.6	1.4	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0	0.9	1.1	1.0	1.0	**1.1**	**1.7**	**0.8**
26	---	1.0	0.9	0.9	0.9	0.9	0.8	1.0	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	1.0	0.9	**0.9**	**1.0**	**0.8**
27	---	0.9	0.8	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.5	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	---	**0.8**	**1.0**	**0.5**
28	0.8	0.8	0.8	0.9	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	---	**0.8**	**0.9**	**0.7**
29	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.7	0.7	0.8	1.1	0.9	---	**0.8**	**1.1**	**0.7**
30	1.1	1.6	1.3	1.4	10.3	1.6	1.3	1.3	1.5	1.6	1.3	1.2	0.9	0.8	0.9	0.8	0.8	0.8	0.7	0.8	1.7	0.9	0.8	---	**1.5**	**10.3**	**0.7**
31	1.0	1.0	10.5	1.2	1.1	1.1	1.5	1.6	1.4	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.5	9.0	1.5	1.4	8.8	---	**2.4**	**10.5**	**1.0**
MEAN	**---**	**2.0**	**3.7**	**2.0**	**2.9**	**2.9**	**2.0**	**3.1**	**2.3**	**1.7**	**1.4**	**1.4**	**1.2**	**1.2**	**1.1**	**1.2**	**3.0**	**1.9**	**1.7**	**1.7**	**1.3**	**1.3**	**2.0**	**---**	**1.9**		
MAX	**8.7**	**10.0**	**23.6**	**11.1**	**20.3**	**24.9**	**12.1**	**35.6**	**11.9**	**8.5**	**6.7**	**6.5**	**5.4**	**7.8**	**5.9**	**6.4**	**38.0**	**17.6**	**13.2**	**9.0**	**5.1**	**6.5**	**8.8**	**2.8**		**38.0**	
MIN	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**			**0.4**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 1.9 ppb

MAXIMUM DOWNWIND PROPANE = 38.0 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 7.9 ppb DATE OF OCCURRENCE = 1/2

MINIMUM DOWNWIND PROPANE = 0.4 ppb DATE OF OCCURRENCE = 1/1 AT 1300 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 1/6

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND PROPANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	1.5	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9	1.1	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.2	1.1	1.2	---	**1.1**	**1.5**	**0.9**
2	1.1	1.0	0.9	1.0	1.1	1.0	1.0	1.1	1.8	2.1	1.4	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	---	---	0.9	0.6	0.7	**1.0**	**2.1**	**0.6**
3	---	0.7	0.7	0.8	0.8	0.8	1.0	1.2	1.6	1.7	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.8	1.9	12.5	17.0	16.4	2.3	1.9	**3.2**	**17.0**	**0.7**
4	---	7.4	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	0.8	0.7	0.8	0.8	0.8	0.7	**1.3**	**7.4**	**0.7**
5	---	0.8	0.7	0.9	0.8	0.8	0.8	0.7	0.7	1.2	0.7	0.7	0.7	0.7	0.7	0.9	0.7	0.8	0.8	0.8	0.7	0.7	0.8	0.7	**0.8**	**1.2**	**0.7**
6	---	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.2	1.1	1.1	1.0	1.9	1.0	1.0	1.1	0.9	0.9	0.9	0.8	0.8	0.7	0.8	**1.0**	**1.9**	**0.7**
7	---	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	**0.6**	**0.8**	**0.6**
8	---	0.8	0.8	0.8	0.7	0.7	0.8	1.6	1.6	1.3	1.2	0.9	1.0	1.0	1.0	1.1	1.0	0.9	1.0	1.1	1.2	1.8	9.0	6.8	**1.7**	**9.0**	**0.7**
9	---	1.1	1.2	8.3	1.7	2.1	16.2	11.6	14.5	10.9	11.4	1.6	12.5	14.5	13.6	11.5	10.1	9.3	1.1	0.8	0.9	1.4	7.7	2.1	**7.2**	**16.2**	**0.8**
10	---	7.4	1.2	1.2	1.1	1.3	1.2	1.2	1.0	1.0	1.0	6.2	0.9	4.9	0.9	0.9	1.1	1.0	0.9	0.9	0.9	1.1	1.0	1.0	**1.7**	**7.4**	**0.9**
11	---	1.1	0.9	0.8	0.8	0.9	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7	0.7	**0.8**	**1.1**	**0.7**
12	---	0.7	0.7	0.7	0.7	1.0	0.9	0.8	0.9	0.8	1.0	1.0	1.0	1.0	2.7	10.0	1.1	1.1	1.2	0.9	0.9	0.8	0.7	0.8	**1.3**	**10.0**	**0.7**
13	---	1.0	1.0	0.8	0.8	0.9	10.2	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.6	0.6	---	---	0.8	0.7	0.6	0.6	**1.2**	**10.2**	**0.6**
14	0.6	---	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.9	**0.6**	**0.9**	**0.5**
15	0.9	---	1.3	8.3	9.3	1.6	1.5	1.6	1.2	9.8	1.9	1.6	1.5	1.5	11.8	1.5	14.5	2.3	2.6	15.2	2.4	2.5	15.1	1.6	**4.8**	**15.2**	**0.9**
16	13.2	---	1.4	1.3	1.1	1.4	1.1	1.7	1.5	1.5	1.2	0.9	0.9	0.8	0.8	0.8	5.8	0.9	0.8	1.3	12.5	9.2	1.4	9.2	**3.1**	**13.2**	**0.8**
17	9.7	---	12.9	17.0	15.0	25.8	15.2	15.8	2.7	8.9	0.9	0.8	0.8	0.7	0.6	0.6	0.7	0.6	0.8	0.7	0.7	0.7	0.7	0.7	**5.8**	**25.8**	**0.6**
18	0.7	---	0.7	0.9	16.4	18.6	14.8	1.5	10.2	8.2	8.1	1.2	1.1	5.9	1.0	0.9	0.9	0.7	0.6	0.8	0.7	0.7	0.7	0.7	**4.2**	**18.6**	**0.6**
19	0.7	---	0.6	0.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8	0.6	0.3	0.5	0.5	0.5	---	**---**	**---**	**---**
28	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	**0.5**	**0.6**	**0.5**
29	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.5	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**13.2**	**7.4**	**12.9**	**17.0**	**16.4**	**25.8**	**16.2**	**15.8**	**14.5**	**10.9**	**11.4**	**6.2**	**12.5**	**14.5**	**13.6**	**11.5**	**14.5**	**9.3**	**2.6**	**15.2**	**17.0**	**16.4**	**15.1**	**9.2**		**25.8**	
MIN	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.3**	**0.5**	**0.5**	**0.5**	**0.6**			**0.3**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 2.1 ppb

MAXIMUM DOWNWIND PROPANE = 25.8 ppb DATE OF OCCURRENCE = 2/17 AT 0600 MAXIMUM DAILY MEAN = 7.2 ppb DATE OF OCCURRENCE = 2/9

MINIMUM DOWNWIND PROPANE = 0.3 ppb DATE OF OCCURRENCE = 2/27 AT 2000 MINUMUM DAILY MEAN = 0.5 ppb DATE OF OCCURRENCE = 2/28

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND PROPANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	2.3	12.2	10.4	11.5	---	7.7	5.9	5.4	5.4	7.0	7.0	**---**	**---**	**---**
3	8.6	8.9	7.1	11.0	11.2	10.9	8.2	6.1	1.1	6.7	9.0	11.0	9.5	1.0	0.8	0.7	0.7	---	0.5	0.6	0.5	0.5	0.5	0.5	**5.0**	**11.2**	**0.5**
4	0.5	0.5	0.5	0.5	0.6	0.7	0.7	7.7	5.6	0.8	0.7	0.6	0.4	0.5	0.5	0.5	0.5	1.3	0.6	---	0.7	0.6	0.6	---	**1.2**	**7.7**	**0.4**
5	0.6	0.8	0.7	---	1.1	1.5	11.9	---	7.2	0.8	0.6	---	1.3	4.1	1.9	2.3	1.9	1.7	1.9	2.8	5.2	4.7	7.7	12.2	**3.5**	**12.2**	**0.6**
6	---	8.9	6.8	6.6	11.8	7.8	7.6	5.2	4.1	2.9	3.0	---	2.0	2.1	2.2	2.2	2.3	2.0	1.6	1.3	1.3	1.2	1.2	1.1	**3.9**	**11.8**	**1.1**
7	1.1	---	1.1	1.1	1.0	1.0	1.1	1.3	1.2	1.2	1.0	1.2	1.1	1.2	1.2	1.1	1.1	1.4	1.6	3.7	4.1	12.6	17.3	13.3	**3.1**	**17.3**	**1.0**
8	12.5	---	15.2	14.0	13.9	15.4	16.6	15.1	10.2	9.9	8.9	7.9	6.7	13.3	15.0	11.8	13.6	8.5	11.6	12.5	17.8	16.2	15.9	19.9	**13.1**	**19.9**	**6.7**
9	12.9	---	10.2	10.5	9.5	7.3	6.6	5.5	4.6	4.0	4.0	2.4	2.1	1.7	2.1	3.1	7.7	3.2	7.3	11.3	4.2	4.9	7.2	8.2	**6.1**	**12.9**	**1.7**
10	10.3	---	7.9	17.1	16.5	20.6	11.8	9.8	9.8	9.1	8.2	4.2	2.6	1.7	1.8	1.9	1.6	1.4	1.5	1.4	1.8	1.4	1.6	2.2	**6.3**	**20.6**	**1.4**
11	---	1.6	1.7	1.8	2.0	2.3	2.2	3.0	3.0	2.9	2.8	3.0	3.1	3.9	5.0	6.9	6.8	6.3	5.1	7.5	5.6	6.7	6.5	7.7	**4.2**	**7.7**	**1.6**
12	---	10.8	12.4	9.6	12.4	13.7	11.3	10.0	10.1	9.5	8.6	7.9	7.1	6.0	5.6	6.3	6.0	6.0	6.2	5.4	10.7	8.1	5.5	---	**8.6**	**13.7**	**5.4**
13	4.9	10.5	11.5	14.3	5.4	2.6	1.8	1.8	1.2	1.0	1.0	1.5	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.1	1.4	---	**3.0**	**14.3**	**0.9**
14	1.3	1.7	1.9	1.5	4.0	2.6	3.5	4.2	2.3	1.6	1.8	1.9	2.5	1.4	1.4	1.3	1.7	1.0	1.3	1.2	2.0	1.7	1.6	---	**2.0**	**4.2**	**1.0**
15	1.9	2.2	2.3	2.1	2.0	3.2	1.9	1.7	1.9	2.0	2.0	1.7	1.3	1.3	1.5	1.3	1.3	1.1	1.4	1.6	2.8	1.2	1.1	---	**1.8**	**3.2**	**1.1**
16	1.5	4.8	10.2	3.5	5.8	6.7	7.1	3.0	2.6	1.8	1.6	3.6	2.0	2.0	5.0	3.6	2.3	1.5	1.8	1.7	2.0	2.5	10.5	---	**3.8**	**10.5**	**1.5**
17	11.5	12.0	9.2	7.6	5.1	4.1	4.6	3.7	---	---	3.8	3.7	2.8	2.2	2.0	2.0	1.9	1.6	1.6	1.5	1.6	1.6	2.0	2.6	**4.0**	**12.0**	**1.5**
18	---	2.0	2.7	3.2	4.5	4.9	6.5	5.1	4.8	2.7	2.5	2.6	2.3	2.3	2.7	2.7	3.3	3.5	3.2	3.0	2.8	4.0	12.5	7.8	**4.0**	**12.5**	**2.0**
19	---	8.0	4.0	3.2	3.0	3.2	4.7	5.9	7.6	7.2	7.3	8.6	9.1	12.9	10.2	8.9	8.4	5.2	5.0	7.4	14.8	14.5	9.4	7.7	**7.7**	**14.8**	**3.0**
20	---	3.3	2.4	1.4	1.0	1.9	0.6	2.6	9.7	5.1	1.4	1.0	---	---	---	---	---	---	2.7	1.9	1.5	1.4	1.3	1.9	**---**	**---**	**---**
21	1.4	1.0	---	---	1.2	1.6	1.0	0.9	1.2	1.4	1.1	1.0	1.0	1.1	1.4	1.3	1.0	1.0	1.1	1.1	1.2	1.2	1.1	1.1	**1.2**	**1.6**	**0.9**
22	1.8	1.1	---	---	1.6	1.6	1.9	1.7	1.8	1.7	1.7	1.6	1.5	1.3	0.9	0.9	0.9	0.9	1.0	1.5	1.2	1.2	1.3	1.3	**1.4**	**1.9**	**0.9**
23	1.6	2.1	---	---	1.7	1.5	2.0	1.6	1.5	2.2	2.3	2.6	2.3	2.8	4.7	4.2	3.7	3.9	3.2	2.8	3.1	1.8	2.2	2.2	**2.5**	**4.7**	**1.5**
24	2.2	2.1	---	---	2.1	1.8	1.6	1.6	1.9	2.0	2.3	2.6	2.3	2.0	2.0	1.8	1.8	2.2	2.2	2.5	2.4	2.4	2.7	2.8	**2.1**	**2.8**	**1.6**
25	3.5	2.7	---	---	3.5	2.4	1.8	1.7	1.8	1.8	1.9	1.9	1.8	1.8	2.5	1.7	1.9	2.1	1.8	2.8	5.4	8.0	9.2	7.7	**3.2**	**9.2**	**1.7**
26	12.4	10.3	---	---	10.8	13.3	12.4	14.3	13.1	7.6	10.5	6.0	4.9	3.7	3.4	3.4	3.0	2.7	2.7	4.5	2.9	2.6	3.4	2.2	**6.8**	**14.3**	**2.2**
27	2.1	2.3	---	---	2.6	2.2	2.3	3.2	2.1	1.8	1.5	2.0	7.5	1.5	1.3	1.5	1.6	1.5	1.6	1.8	2.4	3.7	3.3	5.2	**2.5**	**7.5**	**1.3**
28	2.7	2.5	---	---	3.6	2.8	2.6	3.2	7.9	10.5	10.2	8.8	4.2	3.8	2.4	1.8	2.4	7.1	4.6	4.8	6.8	6.1	5.0	4.2	**4.9**	**10.5**	**1.8**
29	5.7	2.7	---	---	6.2	16.3	13.6	10.7	9.8	7.9	4.9	4.9	1.6	1.0	1.4	1.0	1.0	1.0	0.8	0.8	0.9	1.0	1.1	1.1	**4.3**	**16.3**	**0.8**
30	1.5	1.1	---	---	1.4	1.1	1.0	0.9	0.8	0.9	1.0	1.1	1.0	1.0	1.2	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2	**1.1**	**1.5**	**0.8**
31	1.1	1.6	---	---	1.4	2.1	1.5	2.3	---	---	1.2	1.1	1.1	1.2	1.2	1.3	1.5	1.7	1.8	1.8	2.2	1.9	1.6	2.4	**1.6**	**2.4**	**1.1**
MEAN	**---**	**4.2**	**---**	**---**	**5.1**	**5.4**	**5.2**	**4.8**	**4.8**	**3.9**	**3.7**	**3.6**	**3.1**	**2.8**	**3.3**	**3.0**	**3.2**	**2.7**	**2.9**	**3.3**	**3.8**	**4.0**	**4.7**	**5.1**	**4.1**		
MAX	**12.9**	**12.0**	**15.2**	**17.1**	**16.5**	**20.6**	**16.6**	**15.1**	**13.1**	**10.5**	**10.5**	**11.0**	**9.5**	**13.3**	**15.0**	**11.8**	**13.6**	**8.5**	**11.6**	**12.5**	**17.8**	**16.2**	**17.3**	**19.9**		**20.6**	
MIN	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.6**	**0.9**	**0.8**	**0.8**	**0.6**	**0.6**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.9**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**			**0.4**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 4.1 ppb

MAXIMUM DOWNWIND PROPANE = 20.6 ppb DATE OF OCCURRENCE = 3/10 AT 0600 MAXIMUM DAILY MEAN = 13.1 ppb DATE OF OCCURRENCE = 3/8

MINIMUM DOWNWIND PROPANE = 0.4 ppb DATE OF OCCURRENCE = 3/4 AT 1300 MINUMUM DAILY MEAN = 1.1 ppb DATE OF OCCURRENCE = 3/30

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BUTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.7	0.8	0.9	1.0	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.8	1.9	1.7	2.1	2.9	---	**1.0**	**2.9**	**0.6**
2	2.8	3.1	3.2	3.1	3.3	3.7	3.4	3.7	3.3	2.5	2.2	2.3	1.8	2.4	2.0	2.2	9.4	2.2	2.2	2.1	2.0	1.9	1.9	---	**2.9**	**9.4**	**1.8**
3	2.5	2.5	2.2	2.2	2.1	2.1	1.7	1.5	1.4	1.7	1.9	1.7	3.4	1.7	1.5	2.2	1.6	1.7	2.5	2.7	2.6	5.8	11.2	---	**2.6**	**11.2**	**1.4**
4	3.5	3.6	3.9	3.7	2.4	2.0	2.1	2.1	2.2	2.1	2.2	2.1	1.9	1.7	1.7	1.6	1.5	1.2	0.9	0.8	0.9	0.9	0.9	---	**2.0**	**3.9**	**0.8**
5	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.9	0.8	0.9	1.1	1.3	2.2	1.5	1.9	1.4	---	**0.9**	**2.2**	**0.4**
6	0.9	1.3	1.0	0.6	0.8	1.8	0.7	0.7	0.8	0.8	1.1	1.2	1.0	0.7	0.9	0.9	1.1	1.2	0.8	0.7	0.8	0.9	1.9	---	**1.0**	**1.9**	**0.6**
7	1.0	1.2	2.1	2.9	6.3	6.0	7.9	9.9	11.9	8.0	11.0	4.0	1.7	1.1	1.7	2.8	2.3	1.4	1.1	2.2	1.4	0.9	1.6	---	**3.9**	**11.9**	**0.9**
8	0.8	0.9	0.8	0.9	0.8	0.6	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	1.2	---	**0.6**	**1.2**	**0.1**
9	1.0	1.6	5.3	3.0	3.3	4.4	1.8	1.5	1.4	1.6	1.8	1.8	1.3	1.0	1.1	1.1	2.1	1.6	1.1	3.8	2.4	1.1	1.1	---	**2.0**	**5.3**	**1.0**
10	2.4	2.6	2.4	2.2	1.4	2.6	2.0	1.0	1.7	1.7	3.2	2.2	1.4	1.5	1.3	1.4	95.3	49.3	34.1	5.1	1.5	1.1	1.3	---	**9.5**	**95.3**	**1.0**
11	0.9	0.9	1.1	0.8	0.8	0.7	0.9	0.8	0.8	0.8	1.0	1.3	2.2	2.4	2.3	1.9	1.5	0.6	0.6	0.9	---	---	0.8	2.3	**1.2**	**2.4**	**0.6**
12	---	0.9	0.6	0.9	1.2	1.2	1.1	0.8	1.0	0.9	0.6	0.5	0.6	0.6	0.8	0.8	0.7	0.9	0.8	0.9	1.4	1.2	1.0	1.2	**0.9**	**1.4**	**0.5**
13	---	1.2	4.9	20.6	19.1	7.0	5.4	4.8	4.3	3.6	2.3	1.4	1.5	1.1	1.1	1.2	1.1	1.3	1.6	1.7	1.5	5.7	4.9	5.9	**4.5**	**20.6**	**1.1**
14	---	2.7	7.8	3.6	3.1	3.5	3.6	6.1	16.1	3.9	4.7	5.6	3.7	3.3	2.4	2.5	2.1	1.5	1.4	1.5	2.0	1.8	2.1	2.0	**3.8**	**16.1**	**1.4**
15	---	1.8	2.1	2.0	2.0	1.8	2.1	2.4	3.2	16.8	3.7	2.8	2.6	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5	0.5	0.4	0.5	0.7	0.6	2.4	0.8	0.9	3.2	**---**	**---**	**---**
21	2.2	---	1.6	1.3	1.3	1.2	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.9	0.9	1.1	2.2	1.8	2.5	---	**1.1**	**2.5**	**0.5**
22	3.1	4.5	4.3	4.9	4.9	9.1	21.5	14.7	11.9	6.8	3.2	1.8	2.2	2.3	2.2	2.1	2.1	2.1	4.2	3.9	---	---	8.3	6.0	**5.7**	**21.5**	**1.8**
23	---	6.7	7.5	9.1	6.9	8.0	6.9	7.1	34.8	11.9	5.4	8.3	5.5	2.3	2.6	2.9	2.9	4.3	5.2	6.3	4.7	3.6	4.1	3.0	**7.0**	**34.8**	**2.3**
24	---	4.0	3.9	2.8	2.4	2.8	2.9	2.2	2.9	2.4	1.8	2.0	1.3	1.3	1.2	0.5	0.5	1.0	0.9	1.3	1.0	0.9	3.2	2.3	**2.0**	**4.0**	**0.5**
25	---	0.0	1.6	3.7	2.1	3.0	2.9	3.0	1.6	1.6	1.6	1.7	1.6	1.6	1.5	1.6	1.8	1.7	1.8	1.5	1.4	1.8	1.6	1.5	**1.8**	**3.7**	**0.0**
26	---	1.6	1.5	1.4	1.5	1.3	1.5	1.5	1.3	1.3	1.6	1.5	1.6	1.5	1.4	1.3	1.4	1.4	1.2	1.2	1.2	1.3	1.5	1.5	**1.4**	**1.6**	**1.2**
27	---	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.5	1.2	1.4	1.5	1.5	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	---	**1.2**	**1.5**	**0.8**
28	1.0	1.0	0.9	1.1	1.1	1.0	0.8	1.0	1.1	0.9	1.1	0.9	0.9	0.8	0.9	1.0	0.8	0.9	0.7	0.5	0.6	0.8	0.6	---	**0.9**	**1.1**	**0.5**
29	0.6	0.8	0.8	0.9	1.0	0.7	0.8	0.8	0.7	1.0	1.2	0.8	0.6	0.5	0.7	0.8	0.6	1.1	0.7	0.7	0.8	1.2	1.1	---	**0.8**	**1.2**	**0.5**
30	1.8	2.8	2.2	2.5	3.2	2.9	2.2	3.0	2.9	3.2	2.2	1.8	1.0	0.9	1.1	0.8	0.8	0.8	0.8	0.8	5.6	1.0	1.0	---	**2.0**	**5.6**	**0.8**
31	1.1	1.3	4.4	2.0	1.8	2.2	3.4	3.3	2.7	2.4	2.6	2.5	2.6	2.6	2.8	2.7	2.9	3.4	3.2	3.1	2.6	2.5	2.7	---	**2.6**	**4.4**	**1.1**
MEAN	**---**	**2.0**	**2.6**	**3.0**	**2.9**	**2.8**	**3.0**	**2.9**	**4.3**	**3.0**	**2.3**	**2.0**	**1.7**	**1.4**	**1.4**	**1.4**	**5.2**	**3.2**	**2.7**	**1.9**	**1.8**	**1.7**	**2.4**	**---**	**2.5**		
MAX	**3.5**	**6.7**	**7.8**	**20.6**	**19.1**	**9.1**	**21.5**	**14.7**	**34.8**	**16.8**	**11.0**	**8.3**	**5.5**	**3.3**	**2.8**	**2.9**	**95.3**	**49.3**	**34.1**	**6.3**	**5.6**	**5.8**	**11.2**	**6.0**		**95.3**	
MIN	**0.6**	**0.0**	**0.6**	**0.6**	**0.6**	**0.6**	**0.1**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**1.2**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 2.5 ppb

MAXIMUM DOWNWIND BUTANE = 95.3 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 9.5 ppb DATE OF OCCURRENCE = 1/10

MINIMUM DOWNWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 1/25 AT 0200 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BUTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	2.8	2.2	2.3	1.9	1.9	1.8	1.7	1.5	1.4	1.4	1.2	1.2	1.6	1.3	1.4	1.2	1.4	1.6	1.8	2.2	2.4	1.9	2.0	---	**1.7**	**2.8**	**1.2**
2	1.9	1.6	1.4	1.7	2.0	1.8	1.6	1.8	3.0	3.5	2.3	1.5	1.3	1.2	1.1	1.0	1.1	1.2	1.1	---	---	0.6	0.5	0.6	**1.5**	**3.5**	**0.5**
3	---	0.7	0.9	1.3	1.3	1.2	1.8	2.0	3.5	3.4	2.8	2.9	2.7	2.5	2.5	3.0	3.2	3.4	4.0	4.2	6.3	6.0	5.4	4.0	**3.0**	**6.3**	**0.7**
4	---	2.6	1.6	1.4	1.6	1.6	1.8	1.9	2.1	1.8	2.0	2.0	1.8	1.7	1.9	2.0	2.3	1.9	1.5	1.5	1.2	1.5	1.4	1.3	**1.8**	**2.6**	**1.2**
5	---	0.8	0.7	1.3	1.0	1.0	1.0	0.9	0.9	2.1	0.7	0.7	0.7	0.8	1.3	1.3	0.8	0.9	1.1	1.1	1.0	1.0	1.2	0.9	**1.0**	**2.1**	**0.7**
6	---	1.1	1.3	1.3	1.5	1.2	1.6	1.8	2.4	2.5	2.1	2.0	1.6	6.9	1.6	1.6	2.2	1.4	1.2	1.1	1.1	1.0	0.9	1.0	**1.7**	**6.9**	**0.9**
7	---	0.9	0.7	0.8	0.9	0.9	1.0	1.0	0.9	0.8	0.7	0.9	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.8	1.5	**0.7**	**1.5**	**0.5**
8	---	1.5	1.5	1.5	1.4	1.7	1.0	2.2	2.1	1.7	1.5	1.1	1.2	1.0	0.8	1.3	1.8	1.4	1.5	1.5	1.5	2.2	2.6	2.2	**1.6**	**2.6**	**0.8**
9	---	1.3	1.6	1.6	2.0	3.0	2.9	2.9	3.5	3.3	2.8	2.1	2.5	2.8	2.6	2.7	2.5	2.3	1.6	1.1	1.1	1.6	1.7	2.2	**2.2**	**3.5**	**1.1**
10	---	1.8	1.5	1.4	1.4	1.3	1.3	1.2	1.3	1.4	1.6	1.7	1.4	1.3	1.2	1.7	1.7	1.4	1.4	1.3	1.4	1.6	1.5	1.6	**1.5**	**1.8**	**1.2**
11	---	2.1	1.2	1.2	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.9	1.0	0.9	1.0	1.1	1.4	1.4	1.6	1.6	1.8	1.2	1.0	1.5	**1.2**	**2.1**	**0.9**
12	---	0.8	0.8	0.9	1.1	1.5	1.3	1.2	1.6	1.2	1.8	1.5	1.4	1.4	2.7	2.1	1.4	1.7	1.7	1.4	2.2	1.3	1.2	1.2	**1.4**	**2.7**	**0.8**
13	---	2.0	1.5	1.2	1.2	1.3	1.6	1.1	1.1	0.9	0.9	1.1	1.2	1.0	1.1	1.0	0.6	0.6	---	---	1.0	1.0	0.7	0.7	**1.1**	**2.0**	**0.6**
14	0.7	---	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.8	0.7	0.7	0.9	0.7	1.1	**0.6**	**1.1**	**0.5**
15	1.1	---	2.8	3.2	4.2	4.3	3.1	3.1	1.9	2.4	2.2	2.1	1.7	2.0	2.4	2.1	3.2	3.0	2.9	3.4	3.3	2.8	2.9	2.6	**2.7**	**4.3**	**1.1**
16	2.7	---	2.8	2.2	1.5	1.8	1.6	2.6	2.5	2.2	2.4	1.5	1.3	1.1	1.4	1.3	1.5	1.4	1.3	2.2	2.1	2.7	2.8	3.1	**2.0**	**3.1**	**1.1**
17	3.1	---	4.1	4.8	5.0	5.0	5.2	5.2	5.9	2.6	1.6	1.2	1.1	0.9	0.7	0.8	1.0	0.8	1.0	1.0	1.1	1.0	1.0	0.9	**2.4**	**5.9**	**0.7**
18	0.8	---	0.9	1.3	3.5	4.0	3.2	1.9	2.1	1.6	1.7	1.5	1.6	2.0	2.2	1.6	1.7	0.8	0.9	1.1	1.1	1.1	1.1	1.0	**1.7**	**4.0**	**0.8**
19	0.9	---	0.8	0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	0.6	0.7	0.5	0.6	0.6	---	**---**	**---**	**---**
28	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.8	0.6	0.8	0.6	0.6	0.7	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4	---	**0.6**	**0.9**	**0.4**
29	0.4	0.4	0.5	0.7	0.6	0.7	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.5	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**3.1**	**2.6**	**4.1**	**4.8**	**5.0**	**5.0**	**5.2**	**5.2**	**5.9**	**3.5**	**2.8**	**2.9**	**2.7**	**6.9**	**2.7**	**3.0**	**3.2**	**3.4**	**4.0**	**4.2**	**6.3**	**6.0**	**5.4**	**4.0**		**6.9**	
MIN	**0.4**	**0.4**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.6**			**0.4**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 1.6 ppb

MAXIMUM DOWNWIND BUTANE = 6.9 ppb DATE OF OCCURRENCE = 2/6 AT 1400 MAXIMUM DAILY MEAN = 3.0 ppb DATE OF OCCURRENCE = 2/3

MINIMUM DOWNWIND BUTANE = 0.4 ppb DATE OF OCCURRENCE = 2/29 AT 0100 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 2/28

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BUTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	2.3	2.0	2.4	---	1.7	1.9	1.7	1.4	1.6	1.6	**---**	**---**	**---**
3	1.7	1.8	1.8	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**0.4**	**2.4**	**0.0**
4	0.5	0.6	1.0	0.7	1.0	0.8	0.8	1.6	1.2	1.2	1.0	0.5	0.5	0.5	0.5	0.4	0.6	0.5	0.6	---	0.9	0.8	0.7	---	**0.8**	**1.6**	**0.4**
5	0.9	1.4	1.4	---	2.0	3.5	3.8	---	2.0	1.4	1.0	---	1.5	1.0	0.7	0.7	0.7	0.7	0.7	1.2	1.6	2.0	2.6	3.2	**1.6**	**3.8**	**0.7**
6	---	3.0	2.4	1.9	2.6	2.9	4.0	2.4	2.0	1.2	0.6	---	0.9	0.9	1.0	1.0	1.1	1.0	0.8	0.6	0.5	0.5	0.5	0.4	**1.5**	**4.0**	**0.4**
7	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.7	1.4	2.3	5.3	3.9	**0.9**	**5.3**	**0.4**
8	4.1	---	3.2	3.4	3.1	3.4	3.2	2.9	2.6	2.1	2.3	1.7	1.6	2.2	3.1	2.1	2.1	1.8	2.1	2.6	3.6	3.2	3.2	3.9	**2.8**	**4.1**	**1.6**
9	2.9	---	2.9	2.6	2.2	2.9	1.4	1.2	1.3	1.3	1.1	0.8	0.7	0.6	0.6	0.8	1.0	0.8	1.1	1.9	1.5	1.7	1.9	2.1	**1.5**	**2.9**	**0.6**
10	2.0	---	1.4	3.6	3.8	4.6	2.1	1.8	2.0	2.4	1.8	1.0	0.7	0.7	0.6	0.7	0.7	0.6	0.7	0.6	0.7	0.6	0.6	0.8	**1.5**	**4.6**	**0.6**
11	---	0.7	0.7	0.8	0.9	1.0	0.8	1.0	1.1	1.2	1.2	1.2	1.3	1.9	2.3	2.7	3.7	2.2	1.9	2.1	2.1	2.3	2.1	2.5	**1.6**	**3.7**	**0.7**
12	---	3.4	4.2	3.8	3.7	4.4	3.3	3.5	3.0	2.9	2.2	2.3	1.8	1.6	1.6	1.6	1.7	1.6	1.9	2.1	2.7	2.0	1.6	---	**2.6**	**4.4**	**1.6**
13	1.5	2.4	2.7	2.9	1.8	1.0	0.7	0.8	0.5	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.9	---	**0.9**	**2.9**	**0.3**
14	0.5	0.6	0.7	0.6	1.4	0.7	1.3	1.5	0.8	0.6	0.6	0.7	0.7	0.5	0.5	0.5	0.6	0.4	0.5	0.5	0.8	0.6	0.6	---	**0.7**	**1.5**	**0.4**
15	0.7	0.8	0.9	0.8	0.8	1.2	0.7	0.6	0.7	0.8	0.8	0.7	0.5	0.5	0.6	0.6	0.5	0.5	0.6	0.8	1.0	0.4	0.4	---	**0.7**	**1.2**	**0.4**
16	0.5	1.4	2.8	0.8	1.4	1.5	1.9	1.2	1.1	0.6	0.6	2.2	0.6	1.4	2.2	2.0	1.0	0.7	0.7	0.6	0.8	0.9	1.7	---	**1.2**	**2.8**	**0.5**
17	3.2	3.6	2.8	2.6	1.9	1.5	1.7	1.6	---	---	1.2	1.2	1.1	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.9	**1.4**	**3.6**	**0.6**
18	---	0.7	0.8	1.0	1.1	1.5	1.5	1.9	1.8	1.2	1.1	0.9	0.9	0.9	1.0	0.9	1.4	1.4	1.2	1.1	1.0	1.4	2.2	1.7	**1.2**	**2.2**	**0.7**
19	---	1.9	1.8	1.6	1.6	1.5	1.7	1.9	2.4	2.4	2.3	2.3	2.2	5.2	2.9	1.9	2.5	1.9	1.6	2.2	2.7	2.8	2.1	1.7	**2.2**	**5.2**	**1.5**
20	---	0.9	1.0	1.2	0.8	0.4	0.4	0.3	1.7	0.9	0.7	0.8	---	---	---	---	---	---	1.0	0.9	0.7	0.6	0.5	0.7	**---**	**---**	**---**
21	0.5	0.3	---	---	0.4	0.6	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.4	0.5	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	**0.4**	**0.6**	**0.3**
22	0.7	0.4	---	---	0.6	0.6	0.7	0.7	0.9	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	**0.5**	**0.9**	**0.3**
23	0.5	0.7	---	---	0.6	0.5	0.6	0.5	0.5	0.7	0.8	1.0	0.9	1.0	1.8	1.7	1.4	1.5	1.2	1.0	1.1	0.7	0.8	0.8	**0.9**	**1.8**	**0.5**
24	0.8	0.7	---	---	0.8	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8	1.0	0.8	0.9	0.9	0.9	**0.8**	**1.0**	**0.7**
25	0.9	0.9	---	---	1.1	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.6	0.6	0.7	0.7	1.1	1.6	2.0	2.0	2.0	**1.0**	**2.0**	**0.6**
26	2.5	2.1	---	---	2.8	3.1	3.0	3.1	2.7	2.0	2.4	1.4	1.4	1.1	1.0	1.1	1.2	1.0	1.0	1.7	1.1	0.9	1.3	0.8	**1.7**	**3.1**	**0.8**
27	0.8	0.8	---	---	0.9	0.8	0.8	1.2	0.8	0.7	0.7	0.8	2.2	0.6	0.5	0.6	0.7	0.9	0.9	0.9	1.3	1.7	1.5	2.1	**1.0**	**2.2**	**0.5**
28	1.6	1.5	---	---	1.5	1.2	1.1	1.2	1.9	2.9	3.3	2.4	1.5	1.2	1.0	0.6	0.8	1.3	1.3	1.5	1.8	2.0	2.0	1.3	**1.6**	**3.3**	**0.6**
29	1.5	1.0	---	---	2.0	3.6	2.9	2.5	1.9	1.6	1.0	0.8	0.4	0.6	0.5	0.6	0.9	0.7	0.5	0.3	0.3	0.4	0.5	0.8	**1.1**	**3.6**	**0.3**
30	1.4	1.1	---	---	0.5	0.7	0.7	0.7	0.5	0.3	0.3	0.4	0.4	0.5	0.6	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	**0.6**	**1.4**	**0.3**
31	0.4	0.5	---	---	0.5	0.8	0.5	0.8	---	---	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.8	0.7	0.6	1.0	**0.6**	**1.0**	**0.4**
MEAN	**---**	**1.3**	**---**	**---**	**1.5**	**1.6**	**1.4**	**1.3**	**1.3**	**1.2**	**1.1**	**1.0**	**0.9**	**0.9**	**1.0**	**0.9**	**1.0**	**0.9**	**0.9**	**1.0**	**1.2**	**1.2**	**1.3**	**1.4**	**1.2**		
MAX	**4.1**	**3.6**	**4.2**	**3.8**	**3.8**	**4.6**	**4.0**	**3.5**	**3.0**	**2.9**	**3.3**	**2.4**	**2.2**	**5.2**	**3.1**	**2.7**	**3.7**	**2.2**	**2.1**	**2.6**	**3.6**	**3.2**	**5.3**	**3.9**		**5.3**	
MIN	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 1.2 ppb

MAXIMUM DOWNWIND BUTANE = 5.3 ppb DATE OF OCCURRENCE = 3/7 AT 2300 MAXIMUM DAILY MEAN = 2.8 ppb DATE OF OCCURRENCE = 3/8

MINIMUM DOWNWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 3/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND PENTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.6	0.8	---	**0.3**	**0.8**	**0.2**
2	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.7	0.6	0.6	0.5	0.6	0.5	0.6	3.8	0.6	0.6	0.6	0.5	0.5	0.5	---	**0.8**	**3.8**	**0.5**
3	0.6	0.7	0.6	0.6	0.6	0.6	0.4	0.4	0.3	0.4	0.5	0.4	0.9	0.5	0.4	0.6	0.4	0.5	0.7	0.8	0.8	2.2	3.7	---	**0.8**	**3.7**	**0.3**
4	0.9	0.9	1.0	1.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	---	**0.5**	**1.0**	**0.3**
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.4	0.6	0.4	0.5	0.4	---	**0.2**	**0.6**	**0.1**
6	0.3	0.4	0.3	0.2	0.3	0.5	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.4	---	**0.3**	**0.5**	**0.2**
7	0.3	0.4	0.6	1.0	2.4	2.3	3.2	4.4	5.1	3.1	4.3	1.6	0.5	0.4	0.5	0.8	0.6	0.4	0.3	0.5	0.4	0.3	0.3	---	**1.5**	**5.1**	**0.3**
8	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	---	**0.2**	**0.4**	**0.0**
9	0.4	0.5	2.3	1.2	1.4	1.9	0.7	0.5	0.5	0.5	0.6	0.7	0.6	0.4	0.5	0.4	0.9	0.6	0.4	1.5	0.9	0.3	0.3	---	**0.8**	**2.3**	**0.3**
10	0.6	0.7	0.7	0.6	0.4	0.7	0.6	0.3	0.5	0.5	1.1	0.7	0.4	0.5	0.4	0.4	31.0	16.1	11.2	1.7	0.4	0.3	0.3	---	**3.0**	**31.0**	**0.3**
11	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.6	0.7	0.7	0.5	0.4	0.2	0.2	0.3	---	---	0.0	0.0	**0.3**	**0.7**	**0.0**
12	---	0.0	0.0	0.0	0.3	0.0	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	**0.2**	**0.4**	**0.0**
13	---	0.4	1.4	5.5	5.2	1.9	1.5	1.3	1.2	0.9	0.6	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4	1.7	1.4	1.7	**1.2**	**5.5**	**0.3**
14	---	0.8	2.3	1.1	0.8	0.9	0.9	1.8	4.6	1.1	1.4	1.7	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.5	**1.0**	**4.6**	**0.4**
15	---	0.5	0.6	0.5	0.5	0.5	0.6	0.7	0.9	5.0	1.0	0.7	0.7	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.3	0.3	0.7	**---**	**---**	**---**
21	0.6	---	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.7	0.6	0.8	---	**0.4**	**0.8**	**0.2**
22	0.9	1.3	1.2	1.3	1.3	2.7	6.5	4.4	3.6	2.1	1.0	0.6	0.8	0.8	0.7	0.7	0.6	0.6	1.4	1.3	---	---	2.7	2.0	**1.7**	**6.5**	**0.6**
23	---	2.1	2.3	2.9	2.2	2.4	2.1	2.1	10.6	3.7	1.7	2.6	1.7	0.6	0.7	0.8	0.8	1.5	1.9	2.3	1.4	1.1	1.2	0.9	**2.1**	**10.6**	**0.6**
24	---	1.2	1.3	0.8	0.7	0.8	0.9	0.7	0.9	0.7	0.5	0.6	0.4	0.4	0.4	0.0	0.2	0.3	0.3	0.4	0.3	0.3	1.0	0.8	**0.6**	**1.3**	**0.0**
25	---	0.0	0.5	1.3	0.6	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.6	0.4	0.4	**0.5**	**1.3**	**0.0**
26	---	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	**0.3**	**0.4**	**0.3**
27	---	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	---	**0.3**	**0.4**	**0.2**
28	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	---	**0.3**	**0.4**	**0.2**
29	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.4	---	**0.3**	**0.4**	**0.2**
30	0.7	0.9	0.8	1.0	1.3	1.0	0.8	1.1	1.2	1.2	0.8	0.6	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.8	0.3	0.3	---	**0.7**	**1.8**	**0.2**
31	0.3	0.4	1.8	0.6	0.5	0.6	1.0	1.0	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.9	0.8	0.9	0.7	0.8	0.9	---	**0.8**	**1.8**	**0.3**
MEAN	**---**	**0.6**	**0.8**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**	**1.3**	**0.9**	**0.7**	**0.6**	**0.5**	**0.4**	**0.4**	**0.4**	**1.7**	**1.0**	**0.9**	**0.6**	**0.5**	**0.5**	**0.7**	**---**	**0.8**		
MAX	**0.9**	**2.1**	**2.3**	**5.5**	**5.2**	**2.7**	**6.5**	**4.4**	**10.6**	**5.0**	**4.3**	**2.6**	**1.7**	**0.8**	**0.8**	**0.8**	**31.0**	**16.1**	**11.2**	**2.3**	**1.8**	**2.2**	**3.7**	**2.0**		**31.0**	
MIN	**0.2**	**0.0**	**0.0**	**0.0**	**0.2**	**0.0**	**0.0**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.0**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.8 ppb

MAXIMUM DOWNWIND PENTANE = 31.0 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 3.0 ppb DATE OF OCCURRENCE = 1/10

MINIMUM DOWNWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 1/8 AT 0700 MINUMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND PENTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	1.0	0.8	0.8	0.6	0.6	0.6	0.7	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	0.5	0.5	---	**0.5**	**1.0**	**0.3**
2	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.8	0.9	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	---	---	0.2	0.2	0.2	**0.4**	**0.9**	**0.2**
3	---	0.2	0.2	0.3	0.3	0.3	0.5	0.6	1.1	0.9	0.7	0.8	0.7	0.7	0.6	0.8	0.8	0.8	1.0	1.0	1.7	1.6	0.0	1.0	**0.7**	**1.7**	**0.0**
4	---	0.6	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
5	---	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.7	0.3	0.3	0.3	0.2	0.3	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	**0.3**	**0.7**	**0.2**
6	---	0.3	0.4	0.3	0.4	0.3	0.5	0.5	0.6	0.7	0.6	0.6	0.5	2.5	0.5	0.6	0.7	0.5	0.4	0.3	0.3	0.3	0.3	0.3	**0.5**	**2.5**	**0.3**
7	---	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.3	**0.2**	**0.3**	**0.1**
8	---	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.4	0.6	0.4	0.4	0.4	0.4	0.5	0.7	0.5	**0.4**	**0.7**	**0.2**
9	---	0.3	0.4	0.4	0.5	0.8	0.7	0.7	0.9	0.9	0.7	0.5	0.6	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.4	0.4	0.5	**0.6**	**0.9**	**0.3**
10	---	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.5**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	**0.2**	**0.4**	**0.0**
12	---	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.6	0.4	0.5	0.4	0.4	0.4	0.7	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.3	0.3	**0.4**	**0.7**	**0.2**
13	---	0.6	0.4	0.4	0.3	0.4	0.5	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	---	---	0.2	0.2	0.2	0.2	**0.3**	**0.6**	**0.2**
14	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.4	**0.2**	**0.4**	**0.1**
15	0.4	---	1.3	1.5	2.1	2.0	1.1	1.1	0.6	0.7	0.6	0.6	0.5	0.6	0.7	0.6	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.7	**0.9**	**2.1**	**0.4**
16	0.7	---	0.7	0.6	0.4	0.4	0.4	0.7	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.7	0.8	0.9	**0.5**	**0.9**	**0.3**
17	0.8	---	1.1	1.3	1.3	1.3	1.3	1.4	1.6	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2	**0.6**	**1.6**	**0.2**
18	0.2	---	0.2	0.3	0.8	1.0	0.8	0.5	0.5	0.4	0.4	0.4	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.3**	**1.0**	**0.0**
19	0.0	---	0.2	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.2	0.3	0.2	0.2	0.2	---	**---**	**---**	**---**
28	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	---	**0.2**	**0.3**	**0.1**
29	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**1.0**	**0.8**	**1.3**	**1.5**	**2.1**	**2.0**	**1.3**	**1.4**	**1.6**	**0.9**	**0.7**	**0.8**	**0.7**	**2.5**	**0.7**	**0.8**	**0.8**	**0.8**	**1.0**	**1.0**	**1.7**	**1.6**	**0.8**	**1.0**		**2.5**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.4 ppb

MAXIMUM DOWNWIND PENTANE = 2.5 ppb DATE OF OCCURRENCE = 2/6 AT 1400 MAXIMUM DAILY MEAN = 0.9 ppb DATE OF OCCURRENCE = 2/15

MINIMUM DOWNWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 2/3 AT 2300 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/4

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND PENTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	---	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
5	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.0	0.0	0.0	---	1.0	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.8	0.9	**0.2**	**1.0**	**0.0**
6	---	0.9	0.7	0.5	0.7	0.8	1.0	0.7	0.5	0.4	0.2	---	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	**0.4**	**1.0**	**0.1**
7	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.7	1.6	1.0	**0.3**	**1.6**	**0.1**
8	1.1	---	0.8	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.6	0.4	0.4	0.6	0.9	0.6	0.6	0.5	0.5	0.7	1.0	0.9	0.9	1.0	**0.7**	**1.1**	**0.4**
9	0.8	---	0.8	0.7	0.6	0.6	0.4	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.5	0.4	0.4	0.5	0.5	**0.4**	**0.8**	**0.2**
10	0.5	---	0.4	0.9	0.9	1.1	0.5	0.5	0.6	0.7	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.4**	**1.1**	**0.2**
11	---	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7	**0.4**	**0.7**	**0.2**
12	---	0.9	1.2	1.1	1.1	1.2	0.9	1.0	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.5	0.4	---	**0.7**	**1.2**	**0.4**
13	0.4	0.6	0.7	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	---	**0.2**	**0.7**	**0.1**
14	0.1	0.2	0.2	0.2	0.4	0.2	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	**0.2**	**0.4**	**0.1**
15	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	---	**0.2**	**0.3**	**0.1**
16	0.3	0.5	0.8	0.4	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.4	0.2	0.2	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	---	**0.3**	**0.8**	**0.2**
17	0.8	0.9	0.7	0.6	0.4	0.3	0.4	0.4	---	---	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	**0.4**	**0.9**	**0.2**
18	---	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.5	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.4	0.4	0.3	0.3	0.2	0.3	0.5	0.4	**0.3**	**0.6**	**0.2**
19	---	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.7	0.7	0.6	0.6	0.6	2.0	0.9	0.6	0.8	0.6	0.4	0.5	0.7	0.7	0.6	0.5	**0.6**	**2.0**	**0.4**
20	---	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.4	0.2	0.2	0.2	---	---	---	---	---	---	0.3	0.3	0.2	0.2	0.2	0.2	**---**	**---**	**---**
21	0.1	0.1	---	---	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
22	0.2	0.1	---	---	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
23	0.1	0.2	---	---	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	**0.2**	**0.5**	**0.1**
24	0.2	0.2	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.2**	**0.2**
25	0.2	0.2	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	**0.2**	**0.5**	**0.2**
26	0.6	0.5	---	---	0.7	0.8	0.7	0.8	0.7	0.5	0.6	0.4	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.5	0.3	0.2	0.5	0.3	**0.4**	**0.8**	**0.2**
27	0.2	0.2	---	---	0.3	0.3	0.3	0.4	0.2	0.2	0.2	0.2	0.6	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.5	**0.3**	**0.6**	**0.1**
28	0.4	0.3	---	---	0.4	0.3	0.3	0.3	0.5	0.7	0.9	0.6	0.4	0.3	0.3	0.2	0.2	0.4	0.4	0.4	0.5	0.6	0.6	0.4	**0.4**	**0.9**	**0.2**
29	0.4	0.3	---	---	0.5	0.9	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	**0.3**	**0.9**	**0.1**
30	0.4	0.3	---	---	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
31	0.1	0.1	---	---	0.1	0.2	0.2	0.2	---	---	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	**0.2**	**0.3**	**0.1**
MEAN	**---**	**0.3**	**---**	**---**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**		
MAX	**1.1**	**0.9**	**1.2**	**1.1**	**1.1**	**1.2**	**1.0**	**1.0**	**0.9**	**0.8**	**0.9**	**0.6**	**1.0**	**2.0**	**0.9**	**0.6**	**0.8**	**0.6**	**0.6**	**0.7**	**1.0**	**0.9**	**1.6**	**1.0**		**2.0**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND PENTANE = 2.0 ppb DATE OF OCCURRENCE = 3/19 AT 1400 MAXIMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 3/8

MINIMUM DOWNWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND HEXANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.0**
2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	1.1	0.2	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**1.1**	**0.1**
3	0.3	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.7	1.0	---	**0.2**	**1.0**	**0.1**
4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.1**
5	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
7	0.2	0.1	0.2	0.3	0.8	0.8	1.2	1.6	2.0	1.2	1.7	0.7	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.5**	**2.0**	**0.1**
8	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.1**	**0.2**	**0.0**
9	0.2	0.2	1.0	0.5	0.6	0.8	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.3	0.2	0.1	0.6	0.3	0.1	0.1	---	**0.3**	**1.0**	**0.1**
10	0.3	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	13.7	7.0	4.7	0.7	0.2	0.1	0.1	---	**1.3**	**13.7**	**0.1**
11	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	**0.0**	**0.2**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	---	0.2	0.4	1.2	1.2	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	**0.3**	**1.2**	**0.1**
14	---	0.4	0.6	0.3	0.2	0.2	0.2	0.5	1.1	0.3	0.4	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	**0.3**	**1.1**	**0.0**
15	---	0.0	0.2	0.2	0.1	0.1	0.1	0.2	0.2	1.2	0.3	0.2	0.2	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.1	0.1	**---**	**---**	**---**
21	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.0**
22	0.3	0.3	0.3	0.3	0.3	0.6	1.5	1.0	0.8	0.5	0.2	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.4	0.4	---	---	0.7	0.5	**0.4**	**1.5**	**0.1**
23	---	0.6	0.6	0.7	0.5	0.6	0.5	0.5	2.3	0.9	0.5	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.7	0.4	0.3	0.3	0.3	**0.5**	**2.3**	**0.2**
24	---	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.2	**0.2**	**0.4**	**0.0**
25	---	0.0	0.1	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1	**0.1**	**0.4**	**0.0**
26	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
27	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
28	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	---	**0.1**	**0.2**	**0.0**
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
30	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.3	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1	---	**0.2**	**0.5**	**0.1**
31	0.2	0.1	0.6	0.2	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.2	0.0	0.3	0.2	0.2	0.0	---	**0.2**	**0.6**	**0.0**
MEAN	**---**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.6**	**0.4**	**0.3**	**0.2**	**0.1**	**0.1**	**0.2**	**---**	**0.2**		
MAX	**0.5**	**0.6**	**1.0**	**1.2**	**1.2**	**0.8**	**1.5**	**1.6**	**2.3**	**1.2**	**1.7**	**0.7**	**0.4**	**0.3**	**0.2**	**0.2**	**13.7**	**7.0**	**4.7**	**0.7**	**0.4**	**0.7**	**1.0**	**0.5**		**13.7**	
MIN	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND HEXANE = 13.7 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 1.3 ppb DATE OF OCCURRENCE = 1/10

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 1/8 AT 0700 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/12

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND HEXANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	---	---	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
6	---	0.2	0.1	0.1	0.1	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
7	---	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
8	---	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.2	0.0	**0.1**	**0.2**	**0.0**
9	---	0.0	0.0	0.1	0.1	0.2	0.0	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
10	---	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
13	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
15	0.1	---	0.5	0.6	0.8	0.7	0.4	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.3**	**0.8**	**0.1**
16	0.2	---	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	**0.1**	**0.3**	**0.0**
17	0.0	---	0.0	0.3	0.3	0.3	0.3	0.4	0.5	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.5**	**0.0**
18	0.0	---	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
19	0.0	---	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
28	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**0.2**	**0.2**	**0.5**	**0.6**	**0.8**	**0.7**	**0.4**	**0.4**	**0.5**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**		**0.8**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND HEXANE = 0.8 ppb DATE OF OCCURRENCE = 2/15 AT 0500 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 2/15

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND HEXANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
5	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
6	---	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
7	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.2	**0.1**	**0.4**	**0.0**
8	0.3	---	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.3	**0.2**	**0.3**	**0.1**
9	0.2	---	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
10	0.1	---	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	**0.1**	**0.3**	**0.0**
11	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
12	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	---	**0.2**	**0.3**	**0.1**
13	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.1**	**0.2**	**0.0**
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	---	**0.1**	**0.1**	**0.0**
15	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
16	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
17	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	**0.1**	**0.3**	**0.0**
18	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
19	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.6	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	**0.2**	**0.6**	**0.1**
20	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	---	---	---	---	---	---	0.1	0.1	0.0	0.0	0.0	0.0	**---**	**---**	**---**
21	0.0	0.0	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
22	0.0	0.0	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
23	0.0	0.1	---	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
24	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
25	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
26	0.1	0.1	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
27	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
28	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
29	0.1	0.1	---	---	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.3**	**0.0**
30	0.1	0.1	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
31	0.0	0.0	---	---	0.1	0.1	0.1	0.1	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
MEAN	**---**	**0.1**	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.6**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.3**		**0.6**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND HEXANE = 0.6 ppb DATE OF OCCURRENCE = 3/19 AT 1400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 3/8

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.5**	**0.1**
4	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.1**
5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
6	0.2	0.2	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.1**
7	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.3	0.2	0.2	0.1	0.1	---	**0.2**	**0.3**	**0.1**
8	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1	---	**0.2**	**0.4**	**0.1**
10	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
11	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	---	---	0.0	0.0	**0.1**	**0.2**	**0.0**
12	---	0.1	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.3**	**0.1**
13	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.1	0.2	0.2	0.4	**0.2**	**0.4**	**0.1**
14	---	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.7	1.0	0.8	0.4	0.2	0.2	0.3	0.4	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.8	**0.3**	**1.0**	**0.1**
15	---	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	**---**	**---**	**---**
21	0.2	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	---	**0.2**	**0.3**	**0.1**
22	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	---	---	0.3	0.3	**0.2**	**0.4**	**0.1**
23	---	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.5	0.6	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.6	0.6	0.6	**0.4**	**0.9**	**0.2**
24	---	0.7	0.5	0.5	0.4	0.4	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.3	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.3**	**0.7**	**0.0**
25	---	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.2**	**0.4**	**0.1**
26	---	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.3**	**0.1**
27	---	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
28	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
29	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	---	**0.2**	**0.2**	**0.1**
31	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.8	---	**0.3**	**0.8**	**0.2**
MEAN	**---**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**---**	**0.2**		
MAX	**0.4**	**0.7**	**0.5**	**0.5**	**0.4**	**0.4**	**0.6**	**0.5**	**0.7**	**1.0**	**0.9**	**0.7**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.4**	**0.3**	**0.6**	**0.6**	**0.8**	**0.8**		**1.0**	
MIN	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND BENZENE = 1.0 ppb DATE OF OCCURRENCE = 1/14 AT 1000 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/24 AT 1500 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	---	**0.2**	**0.5**	**0.1**
2	0.3	0.2	0.1	0.1	0.4	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	**0.1**	**0.4**	**0.1**
3	---	0.2	0.1	0.4	0.6	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.6**	**0.1**
4	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
5	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
6	---	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.3**	**0.1**
7	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
8	---	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.3**	**0.1**
9	---	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
10	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	**0.1**	**0.3**	**0.1**
11	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1	**0.2**	**0.3**	**0.1**
12	---	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
13	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.2	0.5	0.1	0.1	**0.2**	**0.5**	**0.1**
14	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.1**
15	0.3	---	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	**0.2**	**0.3**	**0.1**
16	0.1	---	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.3	**0.2**	**0.3**	**0.1**
17	0.3	---	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	**0.2**	**0.4**	**0.1**
18	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
19	0.1	---	0.2	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	---	**---**	**---**	**---**
28	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
29	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**0.5**	**0.3**	**0.4**	**0.4**	**0.6**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.4**	**0.3**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.3**	**0.3**		**0.6**	
MIN	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND BENZENE = 0.6 ppb DATE OF OCCURRENCE = 2/3 AT 0500 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 2/17

MINIMUM DOWNWIND BENZENE = 0.1 ppb DATE OF OCCURRENCE = 2/2 AT 2400 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/5

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND BENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.1	0.1	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	**---**	**---**	**---**
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
4	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	---	0.2	0.1	0.1	---	**0.1**	**0.3**	**0.1**
5	0.2	0.2	0.2	---	0.3	0.2	0.3	---	0.3	0.2	0.1	---	0.0	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	**0.2**	**0.3**	**0.0**
6	---	0.4	0.5	0.5	0.8	0.9	0.8	1.0	0.7	0.3	0.0	---	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.3**	**1.0**	**0.0**
7	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	**0.1**	**0.3**	**0.1**
8	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
9	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
10	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
11	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	**0.2**	**0.3**	**0.1**
12	---	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**0.4**	**0.1**
13	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
14	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
15	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
16	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
17	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	**0.2**	**0.4**	**0.1**
18	---	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
19	---	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.1**	**0.3**	**0.0**
20	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.2	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	**---**	**---**	**---**
21	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	**0.1**	**0.2**	**0.1**
22	0.1	0.1	---	---	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
23	0.1	0.2	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
24	0.1	0.1	---	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.3**	**0.1**
25	0.2	0.2	---	---	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	**0.1**	**0.2**	**0.1**
26	0.2	0.1	---	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
27	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
28	0.2	0.2	---	---	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
29	0.0	0.0	---	---	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
30	0.2	0.2	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
31	0.1	0.1	---	---	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
MEAN	**---**	**0.2**	**---**	**---**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.2**	**0.4**	**0.5**	**0.5**	**0.8**	**0.9**	**0.8**	**1.0**	**0.7**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**		**1.0**	
MIN	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND BENZENE = 1.0 ppb DATE OF OCCURRENCE = 3/6 AT 0800 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 3/6

MINIMUM DOWNWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/29

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOLUENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.0**	**0.1**	**0.0**
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
3	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
4	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
6	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
8	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
9	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.7	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.3	0.4	0.3	0.1	0.1	---	**0.2**	**0.7**	**0.1**
10	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.7	0.4	0.3	0.1	0.1	0.0	0.0	---	**0.1**	**0.7**	**0.0**
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
13	---	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	**0.1**	**0.2**	**0.1**
14	---	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	**0.2**	**0.4**	**0.1**
15	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**---**	**---**	**---**
21	0.2	---	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.1**
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.2	0.2	**0.1**	**0.2**	**0.1**
23	---	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.5	0.5	0.5	**0.3**	**0.6**	**0.1**
24	---	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	**0.2**	**0.5**	**0.0**
25	---	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
26	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
27	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.1**	**0.0**
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
31	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	---	**0.3**	**0.4**	**0.1**
MEAN	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.2**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.7**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.7**	**0.4**	**0.3**	**0.4**	**0.6**	**0.5**	**0.5**	**0.5**		**0.7**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 0.7 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 1/31

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 1/24 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOLUENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	---	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
3	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
4	---	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
5	---	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
6	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
7	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
8	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
9	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
11	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
12	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
13	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	---	---	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
14	0.1	---	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
15	0.1	---	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
16	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
17	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
18	0.1	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
19	0.1	---	0.1	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**		**0.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 0.3 ppb DATE OF OCCURRENCE = 2/1 AT 0100 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/1

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 2200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/28

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOLUENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.1	---	0.0	0.0	0.1	0.1	0.1	0.1	**---**	**---**	**---**
3	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
5	0.1	0.1	0.1	---	0.1	0.1	0.2	---	0.1	0.1	0.1	---	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.2	0.2	**0.1**	**0.3**	**0.0**
6	---	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
8	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
9	0.1	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
11	---	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
12	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	---	**0.1**	**0.2**	**0.0**
13	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
14	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	---	**0.0**	**0.1**	**0.0**
15	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
16	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.1**	**0.0**
18	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
19	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	**0.1**	**0.1**	**0.0**
20	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.7	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.0	**---**	**---**	**---**
21	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
22	0.1	0.0	---	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
23	0.0	0.1	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
24	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
25	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
26	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
27	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
28	0.2	0.2	---	---	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.1**	**0.2**	**0.0**
29	0.0	0.0	---	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
30	0.1	0.1	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
31	0.0	0.1	---	---	0.0	0.0	0.1	0.1	---	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
MEAN	**---**	**0.1**	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**2.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.1**	**56.7**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**		**56.7**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 56.7 ppb DATE OF OCCURRENCE = 3/20 AT 1200 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 3/6

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/29

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
15	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
21	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
24	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
MEAN	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**		**0.1**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 0.1 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/31

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	**0.0**	**1.0**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
18	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	0.0	---	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**0.0**	**0.1**	**0.2**	**0.0**	**0.0**	**0.0**		**1.0**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 1.0 ppb DATE OF OCCURRENCE = 2/14 AT 1100 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/14

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 0300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/9

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.0	0.0	0.0
5	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	---	0.0	0.1	0.0
14	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.5	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
21	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	---	---	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	---	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MAX	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1		0.5	
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 0.5 ppb DATE OF OCCURRENCE = 3/14 AT 1500 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/14

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	---	**0.0**	**0.1**	**0.0**
4	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	---	**0.1**	**0.1**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.3	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.7**	**0.0**
6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
7	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	---	**0.1**	**0.1**	**0.0**
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.6**	**0.0**
9	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	---	**0.1**	**0.1**	**0.0**
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.4	0.1	0.0	0.0	0.0	---	**0.1**	**1.1**	**0.0**
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	---	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
14	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
15	---	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**---**	**---**	**---**
21	0.1	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**1.2**	**0.0**
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.1	0.1	**0.1**	**0.2**	**0.0**
23	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.3	**0.1**	**0.3**	**0.0**
24	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	**0.1**	**0.3**	**0.0**
25	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	---	**0.0**	**0.1**	**0.0**
28	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**1.0**	**0.0**
30	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	---	**0.0**	**0.1**	**0.0**
31	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.0**
MEAN	**---**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.1**		
MAX	**0.1**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.2**	**0.3**	**0.7**	**1.2**	**0.2**	**0.2**	**1.0**	**0.6**	**1.1**	**0.5**	**0.4**	**0.1**	**0.3**	**0.2**	**0.3**	**0.3**		**1.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 1.2 ppb DATE OF OCCURRENCE = 1/21 AT 1200 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.5	0.0	0.0	---	---	0.6	0.2	0.1	**0.1**	**1.5**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
6	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.1**	**0.0**
7	---	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.6**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.9**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	**0.0**	**0.2**	**0.0**
10	---	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.6**	**0.0**
11	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	---	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	0.0	---	0.0	0.1	0.0	0.0	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1	0.2	1.5	0.0	0.0	0.0	**0.2**	**1.5**	**0.0**
15	0.0	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
17	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	**0.1**	**0.1**	**0.0**
18	0.0	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	0.0	---	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.1	0.0	0.0	0.9	0.0	---	**---**	**---**	**---**
28	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**1.2**	**0.0**
29	0.0	0.0	0.0	0.3	0.4	0.0	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**0.1**	**0.1**	**0.3**	**0.6**	**0.4**	**0.1**	**0.3**	**0.2**	**0.3**	**0.1**	**0.1**	**1.2**	**0.1**	**0.6**	**0.9**	**0.1**	**1.6**	**1.3**	**0.1**	**0.2**	**1.5**	**0.9**	**0.2**	**0.1**		**1.6**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 1.6 ppb DATE OF OCCURRENCE = 2/7 AT 1700 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 2/14

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 0600 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/16

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.1	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	---	0.0	0.0	0.0	0.3	0.1	0.0	**0.0**	**0.3**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.0	0.0	---	0.0	0.0	0.0	---	**0.2**	**4.0**	**0.0**
5	0.0	0.1	0.0	---	0.1	0.1	0.1	---	0.1	0.1	0.0	---	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
6	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	---	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
7	0.0	---	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.4**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0	**0.1**	**0.4**	**0.0**
10	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	**0.0**	**0.3**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
12	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.1**	**0.0**
13	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.3**	**0.0**
14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.0	---	**0.0**	**0.6**	**0.0**
15	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	3.1	0.3	---	**0.2**	**3.1**	**0.0**
16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
18	---	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
20	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.1	**---**	**---**	**---**
21	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.3**	**0.0**
22	0.0	0.1	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.3	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	**0.2**	**2.3**	**0.0**
23	0.0	0.0	---	---	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
24	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
25	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
26	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
27	0.0	0.0	---	---	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
28	0.1	0.1	---	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	**0.0**	**0.3**	**0.0**
30	0.0	0.0	---	---	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	0.2	0.0	0.0	0.0	0.0	0.1	0.0	**0.1**	**1.5**	**0.0**
31	2.2	0.1	---	---	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**2.2**	**0.0**
MEAN	**---**	**0.0**	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.1**	**0.2**	**0.2**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.1**		
MAX	**2.2**	**0.2**	**0.2**	**0.4**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.3**	**0.1**	**0.4**	**0.2**	**2.3**	**0.1**	**1.0**	**1.5**	**4.0**	**1.8**	**0.1**	**0.2**	**3.1**	**0.3**	**0.3**		**4.0**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 4.0 ppb DATE OF OCCURRENCE = 3/4 AT 1800 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 3/4

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/13

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND THC PAMS in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	9.1	11.0	10.6	10.6	9.4	8.8	8.7	8.0	8.9	9.9	9.2	9.9	9.1	9.4	9.0	9.1	11.0	14.6	18.6	29.5	28.1	155.1	113.6	---	**22.7**	**155.1**	**8.0**
2	37.2	179.1	137.5	210.0	215.2	178.6	82.5	191.9	73.5	44.9	32.1	30.4	27.2	39.1	27.3	31.8	58.4	28.7	31.1	27.3	23.2	30.9	22.6	---	**76.5**	**215.2**	**22.6**
3	27.3	19.4	17.1	28.1	19.0	17.3	13.8	13.0	17.7	13.7	15.0	14.9	33.1	19.2	15.6	39.3	13.5	19.5	23.8	21.2	22.9	41.1	54.9	---	**22.6**	**54.9**	**13.0**
4	44.3	35.6	39.4	28.1	18.0	14.5	13.6	13.5	13.9	13.9	15.1	14.3	13.0	11.5	12.0	11.3	10.9	9.2	7.9	8.1	8.4	8.2	8.0	---	**16.2**	**44.3**	**7.9**
5	6.6	6.6	8.0	7.5	7.9	7.8	7.3	7.5	6.9	7.1	8.1	7.1	7.8	7.9	10.7	12.6	12.3	17.8	27.3	49.0	23.5	24.4	16.1	---	**12.9**	**49.0**	**6.6**
6	10.7	15.3	11.7	8.3	8.7	21.3	8.5	8.4	8.3	8.6	8.8	9.8	9.0	8.4	9.4	9.4	9.6	9.9	9.4	10.6	10.1	10.2	12.2	---	**10.3**	**21.3**	**8.3**
7	12.0	23.0	21.9	22.3	37.2	36.5	56.2	58.3	73.4	51.9	74.7	33.0	44.9	18.6	27.2	41.9	42.1	13.3	17.7	19.6	14.9	12.0	11.8	---	**33.2**	**74.7**	**11.8**
8	9.5	8.5	9.2	9.0	8.6	7.6	4.6	7.2	7.4	7.1	7.3	7.9	7.4	8.1	8.2	7.9	7.8	7.5	9.1	9.2	7.2	7.9	13.5	---	**8.1**	**13.5**	**4.6**
9	17.9	23.8	55.9	30.4	32.5	41.8	26.4	23.7	23.1	18.8	22.0	20.1	17.4	17.2	18.3	16.5	23.5	19.9	18.8	39.8	24.9	21.5	22.7	---	**25.1**	**55.9**	**16.5**
10	98.0	151.1	164.0	131.1	80.3	170.0	102.6	14.2	48.4	19.8	39.2	40.5	22.5	14.9	23.8	11.1	970.1	557.5	353.1	43.6	21.8	21.9	25.9	---	**135.9**	**970.1**	**11.1**
11	24.9	31.1	39.5	17.4	11.7	13.2	15.6	16.8	17.1	23.6	29.9	64.6	119.8	67.8	119.7	58.8	55.5	5.5	24.4	27.0	---	---	14.2	171.0	**44.0**	**171.0**	**5.5**
12	---	11.1	5.1	6.5	7.5	7.8	7.5	5.7	7.5	6.2	5.0	5.5	5.2	5.7	6.3	6.2	7.2	11.1	6.7	8.0	14.3	8.4	10.6	10.8	**7.6**	**14.3**	**5.0**
13	---	14.4	48.0	117.6	89.7	63.9	43.7	102.6	50.6	36.6	24.6	16.7	15.7	9.2	9.6	13.5	12.4	10.0	12.6	32.4	14.8	60.5	40.7	49.1	**38.6**	**117.6**	**9.2**
14	---	32.4	56.1	39.4	32.0	30.4	37.6	64.3	110.7	44.6	47.9	64.1	45.1	37.6	25.4	21.6	16.1	18.8	12.3	12.1	13.1	13.8	13.7	17.4	**35.1**	**110.7**	**12.1**
15	---	16.7	17.0	16.1	15.7	15.6	35.5	23.5	23.9	82.3	63.5	39.4	33.6	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.2	7.7	7.2	6.9	11.7	16.5	25.9	12.9	14.6	25.3	**---**	**---**	**---**
21	18.7	---	15.6	14.4	16.8	13.7	12.6	13.3	10.9	7.3	7.4	7.8	6.7	6.5	3.8	8.4	9.1	11.1	13.0	16.3	28.4	19.2	33.1	---	**13.4**	**33.1**	**3.8**
22	33.7	50.1	50.1	60.8	73.6	117.6	125.0	198.1	118.2	91.4	206.4	43.7	64.3	49.9	47.5	66.7	38.6	45.7	69.8	66.5	---	---	108.0	80.9	**82.1**	**206.4**	**33.7**
23	---	145.8	160.7	143.3	128.7	166.9	147.0	174.1	314.6	120.8	72.3	149.7	209.0	50.3	251.9	64.0	55.8	67.7	78.1	93.8	90.7	74.5	72.7	147.0	**129.5**	**314.6**	**50.3**
24	---	78.8	69.1	58.3	53.9	64.0	60.5	49.6	54.5	53.4	40.3	36.1	20.8	19.5	13.7	7.6	7.3	15.6	16.9	14.6	39.6	13.1	27.4	30.1	**36.7**	**78.8**	**7.3**
25	---	16.2	22.0	40.2	49.2	226.7	158.6	57.9	19.1	14.5	16.0	24.6	20.2	20.3	57.1	19.8	28.6	56.4	38.0	50.4	61.7	42.4	20.4	23.7	**47.1**	**226.7**	**14.5**
26	---	18.4	15.8	16.8	16.6	14.3	14.3	17.0	25.7	27.2	21.8	19.2	21.3	21.3	20.5	15.6	19.3	32.3	53.6	36.8	31.6	22.8	18.0	16.9	**22.5**	**53.6**	**14.3**
27	---	16.0	14.3	14.7	14.9	17.6	17.2	15.3	15.9	15.4	16.3	18.7	18.5	4.5	13.2	12.8	12.7	12.3	14.1	12.3	10.5	12.4	13.3	---	**14.2**	**18.7**	**4.5**
28	12.5	14.0	11.6	16.7	16.2	17.2	11.5	15.0	15.4	11.9	16.3	12.4	11.8	10.5	12.6	12.9	10.4	9.7	9.1	8.6	7.9	10.5	9.1	---	**12.3**	**17.2**	**7.9**
29	8.3	12.0	10.6	11.7	12.5	10.9	12.1	10.4	11.3	16.7	18.4	11.6	10.1	7.1	13.4	12.0	8.5	21.9	16.9	11.3	11.9	42.3	18.9	---	**13.9**	**42.3**	**7.1**
30	26.9	70.6	73.3	42.7	71.6	62.3	31.4	48.3	56.5	69.5	49.5	34.4	21.1	13.3	14.7	11.8	12.4	13.8	14.9	15.4	61.4	16.4	19.4	---	**37.0**	**73.3**	**11.8**
31	23.1	30.5	64.0	38.8	31.1	41.5	58.8	61.5	54.8	54.8	61.8	61.3	60.7	58.4	60.1	61.2	67.9	98.8	80.5	77.5	72.5	63.1	90.1	---	**59.7**	**98.8**	**23.1**
MEAN	**---**	**41.2**	**44.1**	**43.9**	**41.5**	**53.4**	**42.8**	**46.9**	**45.7**	**33.5**	**35.7**	**30.7**	**33.7**	**21.4**	**32.2**	**22.7**	**58.8**	**43.7**	**38.1**	**29.1**	**27.9**	**31.1**	**31.7**	**---**	**37.8**		
MAX	**98.0**	**179.1**	**164.0**	**210.0**	**215.2**	**226.7**	**158.6**	**198.1**	**314.6**	**120.8**	**206.4**	**149.7**	**209.0**	**67.8**	**251.9**	**66.7**	**970.1**	**557.5**	**353.1**	**93.8**	**90.7**	**155.1**	**113.6**	**171.0**		**970.1**	
MIN	**6.6**	**6.6**	**5.1**	**6.5**	**7.5**	**7.6**	**4.6**	**5.7**	**6.9**	**6.2**	**5.0**	**5.5**	**5.2**	**4.5**	**3.8**	**6.2**	**7.2**	**5.5**	**6.7**	**8.0**	**7.2**	**7.9**	**8.0**	**10.8**			**3.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 593 DATA RECOVERY RATE = 79.7%

MONTHLY MEAN = 37.8 ppb

MAXIMUM DOWNWIND THC PAMS = 970.1 ppb DATE OF OCCURRENCE = 1/10 AT 1700 MAXIMUM DAILY MEAN = 135.9 ppb DATE OF OCCURRENCE = 1/10

MINIMUM DOWNWIND THC PAMS = 3.8 ppb DATE OF OCCURRENCE = 1/21 AT 1500 MINUMUM DAILY MEAN = 7.6 ppb DATE OF OCCURRENCE = 1/12

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND THC PAMS in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	70.5	55.3	53.9	40.6	43.3	44.5	37.1	27.8	21.9	32.3	21.1	22.9	113.7	26.0	23.9	18.8	33.0	61.3	46.3	36.6	39.9	46.5	39.9	---	**41.6**	**113.7**	**18.8**
2	27.3	21.4	17.4	18.2	21.8	24.4	40.1	6.3	10.2	11.5	7.9	5.4	4.6	4.3	4.4	4.3	5.8	4.7	4.3	---	---	3.6	3.0	3.1	**11.5**	**40.1**	**3.0**
3	---	3.4	3.8	5.6	6.4	5.5	6.3	7.3	11.3	10.8	8.6	8.4	8.0	7.8	8.0	9.0	9.4	9.9	11.3	22.5	34.4	30.0	13.2	11.2	**11.0**	**34.4**	**3.4**
4	---	14.0	5.1	4.9	5.3	5.0	5.4	5.5	6.2	5.5	6.0	5.9	5.5	5.7	5.6	5.9	7.7	6.6	5.0	4.9	4.3	4.7	4.5	4.7	**5.8**	**14.0**	**4.3**
5	---	3.9	4.0	5.1	4.2	4.0	3.8	3.7	3.9	7.2	4.4	3.5	3.5	3.6	4.2	5.1	3.5	4.2	4.5	4.3	4.2	4.2	5.0	4.1	**4.3**	**7.2**	**3.5**
6	---	5.0	5.4	5.2	6.0	5.1	6.8	6.9	8.9	9.3	7.9	7.8	6.6	19.2	6.8	7.3	8.7	6.4	6.1	5.2	5.3	4.9	4.3	4.5	**6.9**	**19.2**	**4.3**
7	---	4.3	8.7	4.0	4.1	4.1	4.6	4.3	3.9	3.6	3.4	3.7	2.9	3.0	2.7	2.3	4.0	2.8	3.9	2.9	2.8	2.9	3.8	5.2	**3.8**	**8.7**	**2.3**
8	---	5.3	5.2	5.0	4.8	5.2	4.4	9.0	9.1	7.0	6.9	4.8	5.0	4.8	5.3	5.9	7.9	5.1	5.5	6.0	6.0	9.7	16.4	12.7	**6.8**	**16.4**	**4.4**
9	---	5.9	6.4	14.5	13.1	12.3	26.5	20.3	25.6	20.0	19.9	8.5	20.5	23.5	23.1	20.2	17.8	16.3	6.2	4.2	4.8	7.1	14.5	9.8	**14.8**	**26.5**	**4.2**
10	---	13.1	6.1	7.0	6.2	6.0	5.9	5.5	5.4	5.0	5.2	10.7	4.8	9.0	4.3	5.8	6.1	5.5	5.2	4.9	5.4	5.6	5.6	6.0	**6.3**	**13.1**	**4.3**
11	---	7.3	5.1	4.9	5.1	4.9	4.8	4.1	4.3	3.9	3.9	4.1	3.8	4.0	4.3	4.4	5.3	5.4	5.8	6.4	7.0	4.8	4.0	4.9	**4.9**	**7.3**	**3.8**
12	---	3.7	3.4	3.8	4.0	5.3	4.9	4.9	6.5	4.8	6.7	6.9	5.6	5.7	11.1	16.3	5.7	7.0	6.6	5.7	7.6	6.0	5.3	5.3	**6.2**	**16.3**	**3.4**
13	---	7.7	6.0	5.3	5.2	5.6	15.4	4.6	4.6	3.9	3.7	4.5	4.7	4.1	4.4	4.1	2.9	3.3	---	---	4.1	4.9	3.2	3.4	**5.0**	**15.4**	**2.9**
14	3.4	---	2.9	3.0	3.1	2.8	3.1	2.9	3.2	2.5	3.4	2.2	2.2	2.3	2.4	4.2	4.4	5.9	5.2	5.2	6.6	5.5	5.5	7.2	**3.9**	**7.2**	**2.2**
15	8.1	---	12.7	21.8	25.3	17.9	14.1	14.5	9.7	19.5	11.7	10.8	9.4	10.0	22.3	10.2	25.8	13.3	14.6	28.0	15.1	14.5	28.1	11.0	**16.0**	**28.1**	**8.1**
16	24.0	---	10.7	9.1	8.3	9.9	5.9	9.3	8.3	8.4	7.7	5.2	5.2	4.4	5.3	4.9	11.2	5.1	4.9	7.4	21.7	17.1	10.3	18.7	**9.7**	**24.0**	**4.4**
17	19.3	---	25.5	32.3	29.8	54.4	30.8	30.6	18.9	16.6	6.2	4.9	4.9	4.1	3.4	4.6	4.2	3.5	4.2	4.1	4.5	4.7	4.9	3.9	**13.9**	**54.4**	**3.4**
18	3.3	---	3.8	5.1	26.2	29.3	24.0	8.4	17.4	13.9	14.0	6.9	6.6	11.0	6.7	5.2	5.4	3.4	3.3	3.9	4.1	4.1	4.1	4.0	**9.3**	**29.3**	**3.3**
19	3.5	---	3.6	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.3	3.0	3.0	2.7	3.4	2.7	---	**---**	**---**	**---**
28	2.9	3.2	3.2	3.1	3.0	3.0	3.1	3.5	3.4	2.6	2.9	4.0	2.7	3.3	2.3	2.1	2.2	2.2	2.2	2.2	4.1	4.1	4.0	---	**3.0**	**4.1**	**2.1**
29	4.2	4.0	4.2	4.8	5.0	4.6	5.5	5.2	5.0	5.1	4.4	4.1	4.3	3.9	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**70.5**	**55.3**	**53.9**	**40.6**	**43.3**	**54.4**	**40.1**	**30.6**	**25.6**	**32.3**	**21.1**	**22.9**	**113.7**	**26.0**	**23.9**	**20.2**	**33.0**	**61.3**	**46.3**	**36.6**	**39.9**	**46.5**	**39.9**	**18.7**		**113.7**	
MIN	**2.9**	**3.2**	**2.9**	**3.0**	**3.0**	**2.8**	**3.1**	**2.9**	**3.2**	**2.5**	**2.9**	**2.2**	**2.2**	**2.3**	**2.3**	**2.1**	**2.2**	**2.2**	**2.2**	**2.2**	**2.7**	**2.9**	**2.7**	**3.1**			**2.1**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 457 DATA RECOVERY RATE = 65.7%

MONTHLY MEAN = 9.5 ppb

MAXIMUM DOWNWIND THC PAMS = 113.7 ppb DATE OF OCCURRENCE = 2/1 AT 1300 MAXIMUM DAILY MEAN = 41.6 ppb DATE OF OCCURRENCE = 2/1

MINIMUM DOWNWIND THC PAMS = 2.1 ppb DATE OF OCCURRENCE = 2/28 AT 1600 MINUMUM DAILY MEAN = 3.0 ppb DATE OF OCCURRENCE = 2/28

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND THC PAMS in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
2	---	---	---	---	---	---	---	---	---	---	---	---	---	6.6	19.9	17.6	19.2	---	13.3	10.8	9.9	9.7	12.1	11.8	**---**	**---**	**---**
3	14.3	14.9	12.7	19.2	18.3	16.2	11.9	9.1	6.8	10.0	13.7	15.9	14.0	4.1	3.2	2.7	2.5	---	2.3	2.8	2.0	2.4	1.9	1.8	**8.8**	**19.2**	**1.8**
4	2.2	2.4	3.5	2.8	4.0	3.7	3.4	12.7	9.8	4.3	3.7	2.8	2.3	2.1	2.2	3.1	2.8	58.6	3.1	---	3.5	3.4	2.9	---	**6.3**	**58.6**	**2.1**
5	3.5	5.0	4.8	---	7.2	10.8	21.5	---	13.6	4.9	3.7	---	9.5	9.9	6.4	7.4	6.4	5.9	7.1	9.6	14.1	14.3	18.8	26.7	**10.0**	**26.7**	**3.5**
6	---	21.2	16.5	15.8	25.6	20.6	21.8	16.9	13.2	9.3	6.4	---	7.1	7.5	7.5	7.4	7.8	7.9	6.5	5.7	5.5	4.9	4.9	4.7	**11.1**	**25.6**	**4.7**
7	4.6	---	4.8	15.9	4.3	4.4	4.4	4.7	4.2	4.4	3.9	4.5	4.1	4.5	4.2	4.1	4.1	5.1	5.8	9.3	10.9	27.8	37.2	25.8	**8.8**	**37.2**	**3.9**
8	25.8	---	27.9	26.8	25.9	28.0	29.1	26.5	19.6	18.4	17.4	15.3	13.3	21.5	25.3	20.5	23.5	16.5	20.9	23.6	31.9	30.0	28.8	35.0	**24.0**	**35.0**	**13.3**
9	24.6	---	19.9	20.3	18.1	16.9	13.4	12.0	11.1	10.5	10.4	7.6	6.7	6.3	7.1	8.4	14.0	8.2	14.3	20.8	11.4	12.1	14.8	16.5	**13.3**	**24.6**	**6.3**
10	18.7	---	15.0	28.8	28.3	34.5	20.9	18.1	18.5	18.1	16.3	10.0	7.6	6.2	12.8	10.6	11.1	11.1	11.1	11.0	12.9	10.4	11.5	16.2	**15.6**	**34.5**	**6.2**
11	---	12.8	12.7	12.5	13.5	13.8	14.5	14.6	18.1	20.0	19.0	19.2	20.1	24.2	147.0	190.4	106.8	32.9	31.7	73.3	53.9	38.0	42.1	38.4	**42.2**	**190.4**	**12.5**
12	---	61.2	79.7	55.9	61.2	65.9	54.3	54.9	50.7	103.6	176.6	213.1	156.9	35.4	117.8	44.8	27.7	28.2	27.8	27.5	176.7	51.8	44.4	---	**78.0**	**213.1**	**27.5**
13	52.1	105.5	142.0	321.7	41.7	13.9	10.3	11.1	8.2	7.3	7.4	9.0	7.3	7.0	6.8	6.8	6.9	6.7	6.3	6.6	6.6	7.2	10.1	---	**35.1**	**321.7**	**6.3**
14	9.0	10.5	11.1	9.3	21.9	15.7	24.5	34.1	13.7	9.7	11.3	11.3	135.2	8.7	10.1	8.1	11.6	7.6	9.2	10.8	12.8	11.9	10.8	---	**18.2**	**135.2**	**7.6**
15	12.8	16.2	16.8	12.9	13.5	19.0	12.4	11.5	13.2	12.4	11.8	10.7	8.4	8.5	9.4	8.4	8.3	7.7	10.4	14.6	18.4	11.2	8.2	---	**12.0**	**19.0**	**7.7**
16	11.1	21.9	38.9	15.5	25.9	28.6	27.5	19.1	16.8	11.2	11.7	20.7	16.8	16.7	72.1	36.4	16.9	10.5	11.4	10.4	13.5	24.6	339.9	---	**35.6**	**339.9**	**10.4**
17	197.0	247.6	169.2	32.7	26.9	22.6	23.8	20.7	---	---	17.6	17.5	16.6	13.3	11.7	11.0	10.5	9.8	9.7	9.2	9.7	9.7	11.7	14.2	**41.5**	**247.6**	**9.2**
18	---	12.7	24.7	17.6	19.9	24.1	24.0	25.0	23.9	16.5	15.3	15.3	13.6	14.1	15.9	16.0	17.5	20.3	18.3	16.5	15.5	28.7	343.0	219.1	**41.6**	**343.0**	**12.7**
19	---	256.9	23.6	18.1	16.7	17.2	21.5	26.0	32.7	32.2	68.1	184.9	243.8	321.7	247.2	273.4	107.7	23.4	21.8	36.4	360.8	352.3	307.2	286.0	**142.6**	**360.8**	**16.7**
20	---	134.6	47.5	11.6	39.3	114.3	6.4	223.7	340.4	238.2	34.3	92.4	---	---	---	---	---	---	14.0	11.9	10.0	9.6	8.7	12.7	**---**	**---**	**---**
21	9.5	7.2	---	---	8.1	14.4	6.8	6.9	8.7	11.6	10.2	7.2	8.0	7.4	9.3	7.9	7.0	7.2	8.5	7.8	7.9	8.1	8.2	9.3	**8.5**	**14.4**	**6.8**
22	30.3	12.8	---	---	9.7	13.8	12.3	10.8	12.1	11.5	11.2	10.6	13.9	11.1	7.1	9.4	7.1	6.8	9.0	10.5	8.3	8.4	9.0	8.3	**11.1**	**30.3**	**6.8**
23	10.1	12.6	---	---	10.9	9.3	11.3	9.5	10.7	14.5	14.4	15.8	14.1	20.7	25.2	23.1	19.0	20.6	17.8	16.0	15.6	11.2	13.1	13.6	**15.0**	**25.2**	**9.3**
24	13.2	12.2	---	---	12.7	11.3	10.9	10.9	12.6	12.4	13.4	14.8	14.1	13.0	11.7	13.7	12.7	14.4	14.4	16.1	14.4	16.0	15.5	15.5	**13.4**	**16.1**	**10.9**
25	17.0	15.4	---	---	15.4	13.3	12.2	11.0	11.3	11.4	11.3	11.6	11.2	11.1	23.1	10.5	11.4	13.3	10.9	17.3	28.5	119.1	191.2	49.1	**28.5**	**191.2**	**10.5**
26	340.1	281.6	---	---	163.4	286.4	126.6	325.5	331.6	229.8	154.2	200.5	119.5	111.9	97.8	47.4	34.9	15.1	27.7	26.5	16.4	14.9	21.2	13.3	**135.7**	**340.1**	**13.3**
27	13.2	14.0	---	---	15.2	12.5	14.0	17.9	13.1	11.6	10.5	13.4	31.1	9.9	9.0	10.0	10.4	10.2	10.5	11.5	16.6	21.3	18.8	25.5	**14.5**	**31.1**	**9.0**
28	18.3	17.3	---	---	22.4	18.8	16.6	19.9	224.8	100.9	65.6	139.6	44.6	81.7	90.4	11.3	48.0	150.4	92.7	52.8	132.9	35.5	23.6	57.4	**66.6**	**224.8**	**11.3**
29	50.2	18.3	---	---	67.3	329.4	282.7	82.9	332.9	305.9	299.5	254.3	115.7	24.4	74.0	21.8	10.2	25.9	7.3	6.7	6.9	7.9	7.8	8.9	**106.4**	**332.9**	**6.7**
30	11.2	13.3	---	---	73.4	29.5	21.3	18.8	7.0	4.7	6.8	7.4	7.0	8.2	8.1	7.4	9.1	8.3	8.1	8.2	8.5	8.2	8.3	8.7	**13.2**	**73.4**	**4.7**
31	9.8	8.7	---	---	9.2	99.4	9.6	13.0	---	---	8.0	9.1	8.7	9.0	9.4	10.1	10.3	12.3	12.9	13.4	14.8	12.6	11.1	15.6	**15.3**	**99.4**	**8.0**
MEAN	**---**	**53.5**	**---**	**---**	**28.3**	**45.1**	**30.0**	**38.1**	**58.5**	**46.1**	**36.3**	**49.4**	**38.3**	**28.5**	**37.6**	**29.3**	**20.2**	**20.2**	**15.5**	**17.2**	**35.0**	**30.8**	**52.9**	**38.9**	**35.7**		
MAX	**340.1**	**281.6**	**169.2**	**321.7**	**163.4**	**329.4**	**282.7**	**325.5**	**340.4**	**305.9**	**299.5**	**254.3**	**243.8**	**321.7**	**247.2**	**273.4**	**107.7**	**150.4**	**92.7**	**73.3**	**360.8**	**352.3**	**343.0**	**286.0**		**360.8**	
MIN	**2.2**	**2.4**	**3.5**	**2.8**	**4.0**	**3.7**	**3.4**	**4.7**	**4.2**	**4.3**	**3.7**	**2.8**	**2.3**	**2.1**	**2.2**	**2.7**	**2.5**	**5.1**	**2.3**	**2.8**	**2.0**	**2.4**	**1.9**	**1.8**			**1.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 652 DATA RECOVERY RATE = 87.6%

MONTHLY MEAN = 35.7 ppb

MAXIMUM DOWNWIND THC PAMS = 360.8 ppb DATE OF OCCURRENCE = 3/19 AT 2100 MAXIMUM DAILY MEAN = 142.6 ppb DATE OF OCCURRENCE = 3/19

MINIMUM DOWNWIND THC PAMS = 1.8 ppb DATE OF OCCURRENCE = 3/3 AT 2400 MINUMUM DAILY MEAN = 6.3 ppb DATE OF OCCURRENCE = 3/4

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

B.3 Downwind #2

HarmonCreek

DOWNWIND2 PROPANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	3.0	2.3	3.0	2.2	2.7	1.6	1.6	1.9	1.5	1.6	1.8	1.9	1.7	1.8	1.4	1.5	1.9	2.4	4.3	4.5	5.3	7.2	10.0	**2.9**	**10.0**	**1.4**
2	---	7.6	8.1	9.8	10.8	12.3	12.3	8.8	9.3	82.2	6.4	4.8	4.6	4.5	5.2	5.8	4.2	4.6	4.4	4.2	4.6	4.9	7.0	6.3	**10.1**	**82.2**	**4.2**
3	---	5.9	5.9	5.8	11.7	6.3	4.7	5.2	8.2	5.0	4.7	4.0	9.3	5.7	4.1	10.9	3.9	4.6	5.6	8.6	7.2	8.1	8.1	9.3	**6.6**	**11.7**	**3.9**
4	---	11.8	17.0	8.8	5.7	4.9	5.1	5.0	4.9	4.6	5.1	4.4	3.7	3.8	3.0	3.1	3.1	2.2	2.6	2.4	2.2	2.1	2.3	2.0	**4.8**	**17.0**	**2.0**
5	---	1.7	1.6	1.6	1.5	1.3	1.3	1.0	1.0	1.0	1.9	1.4	1.8	1.3	1.8	1.6	1.7	3.7	6.6	8.0	5.2	9.2	3.3	2.4	**2.7**	**9.2**	**1.0**
6	---	3.0	4.0	2.1	1.7	4.2	2.3	1.9	2.0	2.0	1.7	2.0	1.6	1.7	1.5	1.5	1.4	1.5	1.6	1.8	1.9	1.9	2.0	2.0	**2.0**	**4.2**	**1.4**
7	---	7.9	7.3	8.9	7.4	9.1	16.2	11.0	9.4	9.2	9.0	5.3	4.2	2.6	3.6	6.3	6.9	7.8	8.4	6.8	5.1	2.4	1.9	2.1	**6.9**	**16.2**	**1.9**
8	---	1.4	1.5	1.5	1.5	1.7	1.4	1.4	1.4	1.0	1.2	1.2	1.2	1.2	1.2	1.0	1.1	1.1	1.0	1.3	1.2	1.5	2.6	3.1	**1.4**	**3.1**	**1.0**
9	---	5.0	4.7	4.3	4.0	3.2	3.1	2.9	2.7	2.1	2.0	2.3	1.8	1.8	1.9	2.6	3.1	2.0	2.1	2.3	2.6	2.8	3.1	3.0	**2.8**	**5.0**	**1.8**
10	---	5.9	3.6	3.2	2.3	4.3	3.4	2.8	7.1	10.7	26.1	25.5	3.7	6.5	10.9	45.6	8.6	6.8	7.2	5.5	4.6	5.2	4.1	3.1	**9.0**	**45.6**	**2.3**
11	---	2.1	2.3	2.5	2.0	1.9	2.0	1.8	1.6	1.7	1.9	2.5	3.0	2.2	1.6	3.1	1.5	1.4	1.4	2.7	4.2	2.5	2.3	2.6	**2.2**	**4.2**	**1.4**
12	---	1.8	1.0	1.6	1.9	2.0	1.8	2.5	1.8	1.8	1.8	1.4	1.6	2.0	1.9	1.6	2.2	2.1	1.8	1.9	1.9	1.8	2.0	2.2	**1.8**	**2.5**	**1.0**
13	---	5.8	4.3	7.0	5.5	8.3	5.9	12.3	10.9	7.7	5.8	3.6	3.6	2.7	2.4	2.8	3.1	---	---	4.7	7.7	10.0	11.7	10.7	**6.5**	**12.3**	**2.4**
14	23.2	---	34.0	12.8	12.5	8.3	5.5	5.6	7.0	6.6	7.0	10.3	8.7	8.0	6.4	5.2	4.9	3.7	3.4	3.7	3.5	4.1	3.8	4.0	**8.4**	**34.0**	**3.4**
15	4.1	---	4.2	4.2	9.7	5.7	8.7	6.5	6.4	6.5	13.5	7.4	6.4	6.5	5.6	5.0	5.4	5.5	6.2	9.6	7.9	6.1	5.0	4.9	**6.6**	**13.5**	**4.1**
16	5.0	---	4.0	4.7	4.6	3.3	3.8	2.8	2.7	2.6	3.2	2.5	2.2	2.1	2.1	1.8	2.0	1.8	2.3	1.6	1.7	2.4	3.3	2.4	**2.8**	**5.0**	**1.6**
17	2.1	---	1.5	1.5	2.0	3.1	1.3	2.4	2.1	1.2	1.2	1.3	1.2	1.3	1.1	1.1	1.3	1.3	1.3	1.7	2.1	1.8	1.7	1.7	**1.6**	**3.1**	**1.1**
18	1.7	---	1.7	1.9	1.5	1.9	1.8	1.8	1.7	1.7	1.9	1.9	2.2	3.3	4.1	3.6	3.3	2.7	2.7	2.3	3.8	3.9	3.9	3.6	**2.6**	**4.1**	**1.5**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.9	1.5	15.4	3.6	2.8	7.9	9.3	**---**	**---**	**---**
21	8.6	12.6	---	11.3	3.0	2.1	2.9	2.6	2.0	1.1	1.5	1.2	1.8	---	1.1	1.4	1.4	1.8	2.5	3.2	2.6	2.7	3.3	---	**3.4**	**12.6**	**1.1**
22	4.7	5.2	5.3	13.3	13.8	20.3	10.4	7.3	7.9	9.7	7.4	5.4	6.0	7.0	5.5	6.2	5.5	6.5	6.8	7.4	7.5	7.0	6.5	---	**7.9**	**20.3**	**4.7**
23	10.9	12.5	13.3	9.2	7.5	6.2	16.2	23.7	8.4	6.4	6.9	6.9	7.9	4.5	5.4	6.6	8.1	8.1	10.5	7.9	6.4	6.8	5.8	---	**8.9**	**23.7**	**4.5**
24	7.4	7.1	3.9	3.6	3.9	3.8	3.6	3.6	3.4	3.5	3.2	3.1	2.3	2.1	1.6	1.2	1.1	1.2	1.3	1.3	1.9	1.9	3.1	---	**3.0**	**7.4**	**1.1**
25	2.6	2.2	4.6	6.0	24.6	10.6	8.8	6.6	2.7	2.2	2.7	2.9	2.7	2.7	3.4	3.1	3.3	3.4	3.6	3.1	3.1	3.2	2.9	---	**4.8**	**24.6**	**2.2**
26	2.9	2.8	2.8	2.5	2.7	2.5	2.6	2.5	2.5	2.5	2.6	2.7	2.8	2.7	2.7	2.5	2.5	2.5	2.6	2.5	2.7	2.6	2.6	---	**2.6**	**2.9**	**2.5**
27	2.6	2.7	2.6	2.4	2.8	4.7	2.9	2.6	2.5	2.6	2.8	3.1	3.7	2.4	2.1	2.1	1.9	1.9	1.9	2.0	2.2	1.9	2.2	---	**2.6**	**4.7**	**1.9**
28	2.6	2.6	2.0	2.2	2.0	2.0	1.8	1.9	2.3	1.9	2.2	1.8	1.7	1.7	---	---	2.4	2.5	2.6	1.7	1.7	1.6	1.4	1.5	**2.0**	**2.6**	**1.4**
29	---	2.5	1.7	2.0	2.2	1.7	1.8	4.5	3.5	2.7	1.7	1.5	1.8	1.5	2.3	---	---	1.7	1.6	1.6	1.8	1.5	1.7	1.6	**2.0**	**4.5**	**1.5**
30	---	3.0	4.4	4.6	6.3	6.1	5.6	4.4	4.3	3.8	4.0	5.2	2.8	2.0	2.5	2.4	1.9	1.9	1.9	4.9	3.8	2.7	2.7	3.4	**3.7**	**6.3**	**1.9**
31	---	3.1	3.3	3.9	3.6	5.6	4.9	6.2	5.8	4.1	4.4	4.7	4.8	5.4	5.4	5.3	5.4	5.8	5.9	6.8	8.9	7.9	8.6	6.8	**5.5**	**8.9**	**3.1**
MEAN	**---**	**5.0**	**5.5**	**5.0**	**5.6**	**5.2**	**5.0**	**4.9**	**4.4**	**6.5**	**4.7**	**4.2**	**3.5**	**3.2**	**3.3**	**5.0**	**3.3**	**3.3**	**3.6**	**4.4**	**3.9**	**3.9**	**4.1**	**---**	**4.4**		
MAX	**23.2**	**12.6**	**34.0**	**13.3**	**24.6**	**20.3**	**16.2**	**23.7**	**10.9**	**82.2**	**26.1**	**25.5**	**9.3**	**8.0**	**10.9**	**45.6**	**8.6**	**8.1**	**10.5**	**15.4**	**8.9**	**10.0**	**11.7**	**10.7**		**82.2**	
MIN	**1.7**	**1.4**	**1.0**	**1.5**	**1.5**	**1.3**	**1.3**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.2**	**1.2**	**1.1**	**1.0**	**1.1**	**1.1**	**1.0**	**1.3**	**1.2**	**1.5**	**1.4**	**1.5**			**1.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 4.4 ppb

MAXIMUM DOWNWIND2 PROPANE = 82.2 ppb DATE OF OCCURRENCE = 1/2 AT 1000 MAXIMUM DAILY MEAN = 10.1 ppb DATE OF OCCURRENCE = 1/2

MINIMUM DOWNWIND2 PROPANE = 1.0 ppb DATE OF OCCURRENCE = 1/5 AT 0900 MINUMUM DAILY MEAN = 1.4 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 PROPANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	7.9	8.5	7.7	5.9	5.4	3.6	3.4	2.5	2.4	2.5	2.5	2.4	3.0	3.2	2.8	2.6	3.4	3.6	4.1	4.2	4.3	4.2	3.7	**4.1**	**8.5**	**2.4**
2	---	4.3	3.8	3.4	3.4	3.5	3.3	3.5	3.9	---	---	3.1	2.7	2.4	2.2	2.4	2.7	3.0	2.9	1.9	1.2	1.2	1.2	1.1	**2.7**	**4.3**	**1.1**
3	1.2	---	2.5	2.3	2.8	7.3	5.5	3.7	4.2	4.9	3.8	5.5	4.8	3.8	4.5	5.7	6.3	7.2	8.1	9.7	9.7	11.2	10.7	8.0	**5.8**	**11.2**	**1.2**
4	6.1	---	2.9	3.0	3.4	3.8	3.9	4.1	4.3	4.0	4.3	4.0	3.8	3.8	4.0	3.8	5.7	3.4	3.5	4.2	3.3	3.1	1.1	1.2	**3.7**	**6.1**	**1.1**
5	0.9	---	1.3	4.3	2.3	2.6	2.1	1.1	1.1	1.2	1.7	1.5	1.4	1.5	1.4	2.7	1.5	1.8	2.0	1.8	1.6	1.6	2.4	1.6	**1.8**	**4.3**	**0.9**
6	2.5	---	2.6	2.5	3.6	3.2	3.1	2.6	4.7	5.3	3.9	4.8	3.6	5.7	2.9	3.2	3.9	3.5	2.3	2.1	3.3	2.6	2.1	2.2	**3.3**	**5.7**	**2.1**
7	1.8	---	1.5	2.9	2.9	0.2	2.2	2.6	2.1	1.4	1.6	2.2	1.9	0.2	0.2	1.2	1.0	1.2	1.3	1.1	1.4	1.9	2.1	1.6	**1.6**	**2.9**	**0.2**
8	2.6	---	1.9	2.0	1.8	2.0	2.8	4.3	3.6	3.5	3.0	2.1	1.9	1.8	1.8	2.5	2.8	2.9	3.7	4.0	3.8	4.4	5.7	5.1	**3.0**	**5.7**	**1.8**
9	4.3	---	3.7	3.9	4.4	5.9	5.5	5.7	6.8	6.3	5.6	4.4	4.2	4.0	4.5	6.0	5.8	5.3	4.2	2.5	3.1	2.2	2.1	2.4	**4.5**	**6.8**	**2.1**
10	3.2	---	3.4	3.3	3.1	3.2	3.0	3.0	2.7	2.5	2.8	2.7	2.7	2.6	2.6	3.0	3.4	3.1	2.5	2.6	3.2	3.0	3.0	4.8	**3.0**	**4.8**	**2.5**
11	6.0	---	2.9	2.7	3.4	3.5	4.4	2.2	2.5	3.4	3.5	2.2	4.3	2.1	2.3	2.4	3.0	3.1	2.4	2.7	2.9	2.5	2.2	1.9	**3.0**	**6.0**	**1.9**
12	1.7	---	1.6	2.0	2.0	2.2	2.6	3.6	3.8	2.9	3.1	2.9	3.6	3.0	3.3	3.4	3.5	4.0	3.2	2.9	2.5	2.3	2.3	2.5	**2.8**	**4.0**	**1.6**
13	3.3	---	5.2	2.9	3.4	3.2	3.1	3.2	2.2	2.0	1.9	2.1	2.6	3.5	2.3	2.0	1.4	1.7	1.7	1.7	1.6	1.7	1.4	1.4	**2.4**	**5.2**	**1.4**
14	1.3	---	1.1	1.4	2.1	1.7	1.5	1.5	1.3	1.1	1.3	0.9	1.1	1.2	1.6	1.3	1.4	1.8	1.1	1.3	1.4	1.8	3.3	3.2	**1.5**	**3.3**	**0.9**
15	3.3	---	3.9	4.9	4.9	---	---	6.5	5.0	3.7	3.3	4.1	3.7	3.6	4.1	4.7	5.0	5.1	5.9	6.2	6.8	6.7	6.6	6.3	**5.0**	**6.8**	**3.3**
16	6.4	7.5	---	5.1	4.1	4.0	3.9	5.1	5.3	5.2	3.9	2.9	3.2	2.7	3.2	2.9	3.2	2.6	8.5	4.0	3.6	3.8	4.2	307.1	**17.5**	**307.1**	**2.6**
17	14.2	10.0	---	10.1	10.5	10.2	11.0	9.0	10.6	6.5	3.9	2.5	2.3	1.7	1.4	1.4	1.6	1.6	2.3	1.8	1.8	2.0	1.9	2.2	**5.2**	**14.2**	**1.4**
18	2.2	1.9	---	2.8	6.1	3.6	3.7	3.9	---	3.8	3.5	3.7	4.3	3.7	3.7	3.7	3.4	2.0	1.9	2.5	2.6	2.3	2.1	2.2	**3.2**	**6.1**	**1.9**
19	---	2.0	1.7	1.6	1.9	2.2	1.9	2.0	2.0	2.0	2.1	1.8	1.8	1.5	1.5	1.3	1.2	1.2	1.2	1.6	1.7	1.2	1.6	1.7	**1.7**	**2.2**	**1.2**
20	---	4.1	4.5	5.2	7.2	5.4	6.4	7.8	3.6	3.4	2.1	1.7	1.8	1.8	1.5	1.2	1.3	3.4	1.1	5.2	9.2	6.5	1.2	1.3	**3.8**	**9.2**	**1.1**
21	---	2.0	1.8	2.7	2.1	4.3	6.2	5.6	3.4	2.3	1.6	1.3	1.6	1.6	1.7	1.8	1.7	1.6	1.9	2.3	3.3	4.5	3.5	3.5	**2.7**	**6.2**	**1.3**
22	---	3.5	3.3	3.1	2.6	2.3	3.2	3.3	2.3	1.7	1.7	1.8	1.8	1.8	1.8	1.5	2.1	1.7	2.0	2.7	3.7	4.0	4.2	4.1	**2.6**	**4.2**	**1.5**
23	---	4.9	4.9	5.2	5.7	6.0	6.9	8.7	8.8	6.3	5.2	2.1	3.2	2.6	3.1	2.3	2.2	1.9	2.1	3.1	3.8	4.0	4.6	5.5	**4.5**	**8.8**	**1.9**
24	---	5.6	6.1	6.1	6.5	5.7	7.3	13.8	8.6	6.3	4.4	3.3	2.1	2.2	2.5	2.9	4.0	4.7	4.0	6.1	6.6	7.7	6.5	6.0	**5.6**	**13.8**	**2.1**
25	---	10.6	7.9	5.6	6.7	6.1	7.2	11.2	5.2	4.3	12.6	6.1	3.6	2.9	3.0	2.5	2.5	3.2	5.5	2.4	3.8	3.0	3.4	4.6	**5.4**	**12.6**	**2.4**
26	---	9.8	7.1	11.3	9.7	6.7	4.5	4.1	4.3	4.6	4.5	4.5	4.6	5.1	4.2	8.7	7.2	4.7	4.5	3.6	3.3	2.8	2.4	1.3	**5.4**	**11.3**	**1.3**
27	---	1.1	1.1	1.4	1.5	1.7	1.1	1.1	0.9	1.2	1.2	1.2	1.8	1.5	1.3	1.2	1.3	1.1	1.2	1.1	1.7	1.8	1.2	1.8	**1.3**	**1.8**	**0.9**
28	---	---	1.9	1.8	1.7	1.7	1.8	2.2	1.7	1.3	1.5	1.4	1.3	1.5	1.7	1.2	1.3	1.1	1.2	1.4	1.4	1.2	1.2	1.3	**1.5**	**2.2**	**1.1**
29	1.1	---	2.8	1.4	1.5	1.8	1.5	1.5	1.6	1.7	1.3	1.0	1.2	1.3	1.3	1.1	0.9	0.9	1.0	2.6	1.9	3.5	2.3	1.6	**1.6**	**3.5**	**0.9**
MEAN	**---**	**---**	**3.5**	**3.9**	**4.0**	**3.9**	**4.0**	**4.5**	**3.9**	**3.4**	**3.3**	**2.8**	**2.7**	**2.5**	**2.5**	**2.8**	**2.9**	**2.8**	**3.0**	**3.1**	**3.4**	**3.4**	**3.1**	**13.5**	**3.8**		
MAX	**14.2**	**10.6**	**8.5**	**11.3**	**10.5**	**10.2**	**11.0**	**13.8**	**10.6**	**6.5**	**12.6**	**6.1**	**4.8**	**5.7**	**4.5**	**8.7**	**7.2**	**7.2**	**8.5**	**9.7**	**9.7**	**11.2**	**10.7**	**307.1**		**307.1**	
MIN	**0.9**	**1.1**	**1.1**	**1.4**	**1.5**	**0.2**	**1.1**	**1.1**	**0.9**	**1.1**	**1.2**	**0.9**	**1.1**	**0.2**	**0.2**	**1.1**	**0.9**	**0.9**	**1.0**	**1.1**	**1.2**	**1.2**	**1.1**	**1.1**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 3.8 ppb

MAXIMUM DOWNWIND2 PROPANE = 307.1 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 17.5 ppb DATE OF OCCURRENCE = 2/16

MINIMUM DOWNWIND2 PROPANE = 0.2 ppb DATE OF OCCURRENCE = 2/7 AT 1500 MINUMUM DAILY MEAN = 1.3 ppb DATE OF OCCURRENCE = 2/27

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 PROPANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	2.1	---	3.4	3.7	4.0	4.4	4.6	6.1	5.4	4.3	3.6	3.5	2.7	3.0	3.6	4.7	5.0	5.0	5.7	5.0	4.2	4.3	4.5	3.9	**4.2**	**6.1**	**2.1**
2	3.4	---	4.3	3.9	5.9	8.9	4.1	4.6	4.4	4.5	4.3	2.6	3.1	3.0	3.9	4.3	4.9	4.0	3.9	3.9	3.6	3.2	3.6	3.3	**4.2**	**8.9**	**2.6**
3	3.5	---	3.4	3.8	4.7	5.1	6.1	5.0	3.4	3.1	5.3	5.3	3.5	2.8	2.0	1.8	2.2	1.7	2.3	1.7	1.5	1.7	1.3	1.3	**3.2**	**6.1**	**1.3**
4	1.2	---	1.5	2.9	1.6	2.0	2.7	3.2	3.9	2.0	1.7	1.0	1.0	1.1	1.0	1.7	1.0	2.2	1.2	1.8	1.3	1.2	1.4	---	**1.7**	**3.9**	**1.0**
5	2.8	3.0	3.5	3.8	6.2	5.5	6.0	---	---	---	---	---	---	---	---	2.0	2.1	2.0	2.4	3.0	4.3	5.5	11.0	10.6	**---**	**---**	**---**
6	8.4	---	8.6	5.4	6.0	4.9	6.2	5.3	4.5	3.1	2.2	2.1	1.9	2.2	2.4	2.3	2.2	2.0	1.7	1.3	1.2	1.3	1.1	1.2	**3.4**	**8.6**	**1.1**
7	1.3	---	0.9	1.1	1.1	1.1	1.0	1.0	1.4	0.9	0.9	1.1	1.1	1.0	1.1	1.0	1.0	1.2	1.4	2.4	2.9	3.0	3.2	3.8	**1.5**	**3.8**	**0.9**
8	9.6	---	7.3	6.7	7.3	8.6	8.7	7.1	6.2	4.4	5.1	4.1	3.7	3.2	3.9	4.4	4.6	5.0	5.5	5.8	6.1	6.7	7.0	6.9	**6.0**	**9.6**	**3.2**
9	6.5	---	6.8	7.1	5.5	3.9	3.4	3.0	3.4	2.5	2.1	1.7	1.6	1.2	1.3	1.5	1.7	2.0	2.5	4.0	4.2	3.9	4.5	6.7	**3.5**	**7.1**	**1.2**
10	4.6	---	3.0	2.9	4.8	3.9	3.5	2.9	3.0	3.5	4.0	2.3	1.5	1.8	1.5	10.6	1.5	1.6	2.3	3.3	5.5	5.8	2.9	1.7	**3.4**	**10.6**	**1.5**
11	1.4	---	1.7	1.6	2.2	1.9	2.0	2.6	3.0	2.4	2.4	2.6	3.3	3.8	3.8	3.7	4.7	4.7	5.5	---	---	5.9	7.8	7.7	**3.6**	**7.8**	**1.4**
12	6.6	7.0	---	10.5	9.6	10.6	10.6	11.1	7.7	6.4	4.6	4.8	3.8	4.0	4.9	4.8	4.9	4.8	5.6	5.9	5.5	4.1	3.4	---	**6.4**	**11.1**	**3.4**
13	3.7	3.8	4.4	4.6	4.1	3.5	2.5	2.3	1.3	1.0	1.3	1.6	1.1	1.0	1.1	1.0	1.1	1.0	1.0	0.9	0.9	1.1	4.0	---	**2.1**	**4.6**	**0.9**
14	1.3	1.6	1.5	1.7	3.2	3.2	8.3	17.7	5.0	2.1	1.7	1.4	1.9	1.6	1.5	1.9	1.3	1.0	1.7	11.7	1.4	1.7	1.2	---	**3.3**	**17.7**	**1.0**
15	1.4	1.4	2.2	1.5	1.8	2.5	1.3	1.5	1.6	1.7	1.8	1.7	1.4	1.6	1.6	1.4	1.2	2.1	1.6	8.9	15.7	2.0	2.5	---	**2.6**	**15.7**	**1.2**
16	4.5	4.7	15.9	9.6	6.5	8.3	4.3	2.9	2.2	1.8	1.4	1.5	1.4	1.3	4.1	1.4	1.3	1.5	1.6	2.1	2.0	9.8	4.2	---	**4.1**	**15.9**	**1.3**
17	8.7	9.0	6.8	6.7	5.6	4.0	4.3	4.0	3.4	3.4	3.2	2.8	3.0	2.1	2.0	2.0	1.7	1.6	1.6	1.5	1.5	1.5	1.6	---	**3.6**	**9.0**	**1.5**
18	3.4	12.7	2.6	4.1	5.2	3.9	5.2	4.3	3.3	2.5	2.4	2.4	2.2	2.1	2.6	2.5	2.8	2.6	2.6	2.6	3.0	3.2	3.7	---	**3.6**	**12.7**	**2.1**
19	4.7	4.9	4.8	3.3	3.0	3.8	3.9	5.0	8.4	6.0	7.5	5.5	4.9	5.1	3.8	3.9	4.5	4.3	4.2	5.7	5.0	5.5	4.3	---	**4.9**	**8.4**	**3.0**
20	2.4	2.0	1.8	1.7	0.5	1.0	1.2	0.5	1.9	1.7	0.9	1.1	---	---	---	2.3	2.6	1.9	5.0	4.8	3.4	1.5	2.0	4.7	**2.1**	**5.0**	**0.5**
21	---	4.2	4.3	6.1	3.1	3.3	3.3	1.7	2.5	1.2	1.4	1.4	1.2	1.7	1.7	2.7	1.2	1.2	3.1	2.1	8.3	1.4	4.1	6.9	**3.0**	**8.3**	**1.2**
22	---	1.2	1.0	1.6	1.0	1.6	2.4	1.9	1.6	1.6	1.6	1.5	1.5	1.1	0.8	0.9	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.4	**1.3**	**2.4**	**0.8**
23	---	1.9	2.1	2.0	2.1	1.3	1.8	1.9	1.8	2.6	2.6	2.9	2.9	2.9	4.0	4.3	3.6	4.0	3.4	2.8	2.4	1.7	1.7	1.8	**2.5**	**4.3**	**1.3**
24	---	4.5	7.4	7.5	5.2	4.6	2.3	1.7	1.9	2.1	2.4	2.3	2.1	1.9	1.9	1.7	1.8	1.9	2.0	2.3	2.7	2.4	2.1	2.1	**2.9**	**7.5**	**1.7**
25	---	1.9	2.1	3.6	3.6	2.0	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.7	1.6	1.6	1.8	2.5	2.8	3.4	4.0	4.3	**2.3**	**4.3**	**1.6**
26	---	8.4	6.4	7.8	8.1	8.3	9.4	8.3	6.4	5.6	4.0	3.6	3.0	3.0	2.7	2.8	2.9	4.8	6.8	6.0	11.9	15.5	2.4	2.1	**6.1**	**15.5**	**2.1**
27	---	2.5	27.8	21.5	7.9	3.1	5.1	3.8	10.3	6.2	4.7	2.9	2.6	2.3	1.5	1.5	3.4	1.4	1.6	10.3	7.5	13.2	4.5	2.5	**6.4**	**27.8**	**1.4**
28	---	2.5	2.8	4.4	4.9	2.9	2.8	2.9	4.2	7.8	8.6	6.0	3.8	2.6	---	1.6	7.9	1.7	2.3	9.2	9.0	6.2	4.4	2.5	**4.6**	**9.2**	**1.6**
29	---	1.7	1.4	2.1	3.5	3.7	2.8	3.7	2.8	2.7	1.8	1.1	0.8	0.7	0.6	0.7	0.9	0.9	1.3	1.2	1.1	4.0	1.8	1.3	**1.8**	**4.0**	**0.6**
30	---	1.0	1.0	0.8	1.1	0.9	0.9	0.8	0.9	0.9	1.2	1.4	1.5	1.6	1.6	1.2	2.4	2.0	2.0	2.8	1.7	1.7	1.1	1.4	**1.4**	**2.8**	**0.8**
31	---	1.6	1.5	1.8	2.1	2.3	2.6	4.2	2.0	1.1	1.2	1.1	1.0	1.1	1.3	1.4	1.5	3.6	1.6	1.4	1.7	1.7	1.4	1.7	**1.8**	**4.2**	**1.0**
MEAN	**---**	**---**	**4.7**	**4.7**	**4.2**	**4.0**	**4.0**	**4.1**	**3.7**	**3.0**	**2.9**	**2.5**	**2.2**	**2.2**	**2.3**	**2.6**	**2.6**	**2.5**	**2.8**	**3.9**	**4.1**	**4.0**	**3.3**	**---**	**3.4**		
MAX	**9.6**	**12.7**	**27.8**	**21.5**	**9.6**	**10.6**	**10.6**	**17.7**	**10.3**	**7.8**	**8.6**	**6.0**	**4.9**	**5.1**	**4.9**	**10.6**	**7.9**	**5.0**	**6.8**	**11.7**	**15.7**	**15.5**	**11.0**	**10.6**		**27.8**	
MIN	**1.2**	**1.0**	**0.9**	**0.8**	**0.5**	**0.9**	**0.9**	**0.5**	**0.9**	**0.9**	**0.9**	**1.0**	**0.8**	**0.7**	**0.6**	**0.7**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**1.1**	**1.1**	**1.2**			**0.5**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 3.4 ppb

MAXIMUM DOWNWIND2 PROPANE = 27.8 ppb DATE OF OCCURRENCE = 3/27 AT 0300 MAXIMUM DAILY MEAN = 6.4 ppb DATE OF OCCURRENCE = 3/27

MINIMUM DOWNWIND2 PROPANE = 0.5 ppb DATE OF OCCURRENCE = 3/20 AT 0800 MINUMUM DAILY MEAN = 1.3 ppb DATE OF OCCURRENCE = 3/22

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BUTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	1.0	0.8	1.0	0.7	0.8	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.6	0.8	1.4	1.5	1.9	2.6	3.8	**1.0**	**3.8**	**0.5**
2	---	2.6	2.2	3.0	3.2	3.9	4.4	2.6	2.8	15.4	1.8	1.7	1.6	1.6	1.7	2.0	1.4	1.6	1.5	1.4	1.5	1.7	2.5	1.9	**2.8**	**15.4**	**1.4**
3	---	2.0	2.0	1.9	5.7	2.1	1.5	1.5	4.0	1.7	1.5	1.3	2.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.3**	**5.7**	**0.0**
4	---	0.0	0.0	0.0	0.0	1.7	0.0	1.8	1.8	1.7	1.9	1.7	1.5	1.5	1.3	1.3	1.2	0.9	0.9	0.8	0.8	0.8	0.8	0.8	**1.0**	**1.9**	**0.0**
5	---	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.4	0.6	0.5	0.6	0.6	0.6	1.7	3.4	3.8	2.1	3.8	1.2	0.8	**1.1**	**3.8**	**0.4**
6	---	1.0	1.3	0.7	0.6	1.3	0.7	0.7	0.8	0.8	0.7	0.8	0.6	0.7	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	**0.7**	**1.3**	**0.5**
7	---	4.0	2.8	3.9	2.6	3.1	6.6	3.5	2.8	2.8	3.0	1.7	1.3	0.9	1.3	2.0	2.3	2.9	3.3	2.7	1.9	0.9	0.7	0.8	**2.5**	**6.6**	**0.7**
8	---	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.6	0.7	**0.5**	**0.7**	**0.3**
9	---	1.4	1.2	0.9	0.8	1.0	1.1	1.0	1.0	1.3	1.0	0.9	0.6	0.6	0.6	0.8	0.9	0.7	0.7	0.8	0.9	1.0	0.9	0.8	**0.9**	**1.4**	**0.6**
10	---	2.1	1.4	1.3	0.8	1.7	1.2	0.8	3.0	4.5	9.8	9.7	1.1	2.5	3.9	15.9	3.1	2.4	2.5	1.7	1.3	1.3	1.0	0.8	**3.2**	**15.9**	**0.8**
11	---	0.6	0.0	0.7	0.6	0.5	0.6	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**0.7**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5	0.6	0.7	0.7	0.8	0.9	0.8	0.8	0.9	**0.3**	**0.9**	**0.0**
13	---	1.8	1.3	2.2	1.8	2.7	1.8	4.0	3.7	2.6	1.8	1.1	1.1	0.9	0.8	0.8	0.9	---	---	1.4	1.4	1.4	1.4	2.3	**1.8**	**4.0**	**0.8**
14	8.8	---	13.8	4.3	5.2	3.2	2.2	2.2	2.7	2.5	2.5	3.4	2.8	2.4	2.0	1.7	1.7	1.2	0.0	1.3	1.2	1.4	1.3	1.4	**3.0**	**13.8**	**0.0**
15	1.4	---	1.5	1.4	2.8	1.8	3.2	2.2	2.0	2.2	4.5	2.3	1.9	2.0	1.8	1.6	1.7	1.9	2.8	3.3	2.5	1.9	1.7	0.0	**2.1**	**4.5**	**0.0**
16	0.0	---	0.0	0.0	0.0	1.2	1.3	1.0	1.0	1.0	1.2	0.9	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.5	0.6	0.8	0.9	0.8	**0.7**	**1.3**	**0.0**
17	0.7	---	0.6	0.5	0.7	0.9	0.5	0.7	0.7	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.8	0.7	0.7	0.8	**0.6**	**0.9**	**0.4**
18	0.7	---	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.5	0.6	0.6	0.7	1.1	1.4	1.2	1.1	0.9	0.9	0.8	1.4	1.4	1.3	1.2	**0.9**	**1.4**	**0.5**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8	0.4	4.9	0.9	0.7	3.2	3.5	**---**	**---**	**---**
21	3.1	5.1	---	4.4	0.9	0.6	0.8	0.8	0.6	0.4	0.4	0.4	0.6	---	0.4	0.5	0.5	0.6	0.7	1.0	0.8	0.8	1.0	---	**1.1**	**5.1**	**0.4**
22	1.6	1.6	1.7	5.1	5.0	8.1	3.6	2.2	2.4	2.5	2.1	1.5	1.6	2.1	1.5	1.8	1.5	1.8	1.9	1.9	2.0	1.9	1.9	---	**2.5**	**8.1**	**1.5**
23	3.3	4.3	4.6	2.9	2.2	1.8	5.9	9.1	2.8	2.6	2.7	2.5	3.2	1.2	1.5	2.0	2.8	2.7	3.3	2.6	2.2	2.4	2.3	---	**3.1**	**9.1**	**1.2**
24	3.1	2.7	1.7	1.5	1.6	1.5	1.4	1.3	1.2	1.3	1.4	1.3	0.9	1.0	0.7	0.4	0.4	0.4	0.5	0.5	0.7	0.6	1.0	---	**1.2**	**3.1**	**0.4**
25	0.9	0.8	1.5	2.1	8.7	3.8	3.2	2.3	0.9	0.7	0.9	1.0	0.9	1.0	1.2	1.1	1.1	1.2	1.2	1.1	1.0	1.1	1.0	---	**1.7**	**8.7**	**0.7**
26	0.9	1.0	1.0	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	---	**0.9**	**1.0**	**0.8**
27	0.9	0.9	0.8	0.8	0.9	1.4	1.0	0.9	0.8	0.8	0.9	1.0	1.2	0.8	0.7	0.7	0.6	0.7	0.6	0.7	0.7	0.6	0.8	---	**0.8**	**1.4**	**0.6**
28	0.9	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.6	---	---	0.6	0.7	0.7	0.4	0.5	0.5	0.4	0.4	**0.6**	**0.9**	**0.4**
29	---	0.7	0.5	0.6	0.7	0.5	0.6	1.4	1.1	0.6	0.5	0.5	0.5	0.5	0.7	---	---	0.4	0.4	0.4	0.5	0.4	0.5	0.5	**0.6**	**1.4**	**0.4**
30	---	1.0	1.4	1.7	2.2	2.0	1.8	1.3	1.4	1.2	1.3	1.7	0.9	0.6	0.7	0.7	0.6	0.6	0.6	1.5	1.1	0.7	0.7	0.9	**1.2**	**2.2**	**0.6**
31	---	0.9	1.1	1.3	1.2	2.3	2.0	2.3	2.2	1.6	1.6	1.8	1.7	2.1	1.9	1.9	2.1	2.3	2.5	2.6	3.0	2.7	2.9	2.2	**2.0**	**3.0**	**0.9**
MEAN	**---**	**1.6**	**1.6**	**1.6**	**1.8**	**1.8**	**1.7**	**1.6**	**1.5**	**1.8**	**1.6**	**1.4**	**1.1**	**1.1**	**1.0**	**1.5**	**1.0**	**1.0**	**1.1**	**1.4**	**1.1**	**1.1**	**1.2**	**---**	**1.4**		
MAX	**8.8**	**5.1**	**13.8**	**5.1**	**8.7**	**8.1**	**6.6**	**9.1**	**4.0**	**15.4**	**9.8**	**9.7**	**3.2**	**2.5**	**3.9**	**15.9**	**3.1**	**2.9**	**3.4**	**4.9**	**3.0**	**3.8**	**3.2**	**3.8**		**15.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 1.4 ppb

MAXIMUM DOWNWIND2 BUTANE = 15.9 ppb DATE OF OCCURRENCE = 1/10 AT 1600 MAXIMUM DAILY MEAN = 3.2 ppb DATE OF OCCURRENCE = 1/10

MINIMUM DOWNWIND2 BUTANE = 0.0 ppb DATE OF OCCURRENCE = 1/3 AT 1500 MINUMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BUTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	2.7	2.8	2.4	1.8	1.7	1.2	1.2	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.9	1.1	1.3	1.4	1.4	1.4	1.4	1.3	**1.3**	**2.8**	**0.8**
2	---	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4	---	---	1.0	0.8	0.7	0.7	0.7	0.9	1.1	1.0	0.6	0.4	0.4	0.4	0.4	**0.9**	**1.4**	**0.4**
3	0.4	---	0.9	0.8	0.9	2.1	1.7	1.2	1.4	1.7	1.4	2.0	1.8	1.4	1.6	2.0	2.2	0.0	0.0	3.6	0.0	0.0	3.8	2.8	**1.5**	**3.8**	**0.0**
4	2.0	---	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**2.0**	**0.0**
5	0.0	---	0.0	0.0	1.0	0.8	0.7	0.4	0.4	0.5	0.8	0.7	0.6	0.7	0.6	0.8	0.6	0.7	0.8	0.7	0.7	0.6	0.9	0.7	**0.6**	**1.0**	**0.0**
6	0.9	---	1.2	1.4	1.6	1.5	1.1	1.4	0.0	2.1	1.5	1.6	1.2	1.8	1.0	0.0	0.0	0.0	0.8	0.0	1.0	0.9	0.6	0.7	**1.0**	**2.1**	**0.0**
7	0.6	---	0.6	0.9	1.0	0.6	0.9	0.9	0.8	0.6	0.6	0.8	0.6	0.6	0.4	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.5	**0.6**	**1.0**	**0.3**
8	0.9	---	0.7	0.7	0.6	0.6	0.9	1.5	1.2	1.1	1.0	0.7	0.6	0.6	0.6	0.9	1.0	1.0	1.2	1.1	1.2	1.3	1.7	1.7	**1.0**	**1.7**	**0.6**
9	1.4	---	1.2	1.2	1.3	2.0	1.8	1.8	2.3	2.2	1.9	1.3	1.2	1.1	1.3	1.8	1.6	1.4	1.2	0.7	0.9	0.6	0.6	0.7	**1.4**	**2.3**	**0.6**
10	0.9	---	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.1**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.1	0.0	0.9	0.0	0.8	0.0	0.0	**0.2**	**1.1**	**0.0**
12	0.0	---	0.5	0.7	0.7	0.8	0.9	1.0	1.2	1.1	1.1	1.0	1.2	0.9	1.0	1.0	1.0	1.3	1.1	1.0	2.2	1.0	0.8	0.9	**1.0**	**2.2**	**0.0**
13	1.1	---	1.8	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.6	0.7	0.9	1.3	0.8	0.7	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5	**0.8**	**1.8**	**0.4**
14	0.5	---	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.4	0.5	0.6	0.4	0.5	0.4	0.5	0.6	0.6	**0.5**	**0.6**	**0.3**
15	0.7	---	0.9	1.2	1.4	---	---	1.8	1.5	1.1	0.9	1.1	1.0	1.1	1.2	1.2	1.4	1.5	1.7	1.8	1.9	1.9	1.9	1.7	**1.4**	**1.9**	**0.7**
16	1.9	2.3	---	1.6	1.2	1.3	1.2	1.6	1.7	1.7	1.3	0.9	1.0	0.8	1.0	0.9	1.1	0.9	2.8	1.1	1.0	1.2	1.2	225.7	**11.1**	**225.7**	**0.8**
17	8.1	3.2	---	3.8	3.4	3.1	3.4	2.6	3.0	2.0	1.5	0.9	0.9	0.7	0.5	0.6	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.7	**1.9**	**8.1**	**0.5**
18	0.7	0.6	---	0.8	2.5	1.1	1.1	1.3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.4**	**2.5**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	**0.4**	**0.7**	**0.0**
20	---	1.0	0.9	0.8	0.9	1.0	1.4	2.0	1.0	1.1	0.7	0.5	0.6	0.6	0.5	0.4	0.4	1.0	0.3	1.5	2.6	1.8	0.4	0.5	**0.9**	**2.6**	**0.3**
21	---	0.6	0.6	0.7	0.6	0.9	1.0	1.3	1.0	0.8	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.8	1.3	1.9	1.3	1.4	**0.8**	**1.9**	**0.5**
22	---	1.4	1.2	1.2	1.0	0.8	1.2	1.2	0.8	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.7	0.5	0.7	0.9	1.3	1.4	1.6	1.6	**0.9**	**1.6**	**0.4**
23	---	1.8	1.7	1.6	1.8	2.0	2.2	2.6	2.4	1.9	1.6	0.6	1.0	0.8	1.0	0.7	0.7	0.6	0.6	1.0	1.1	1.2	1.5	1.8	**1.4**	**2.6**	**0.6**
24	---	1.9	2.0	1.9	2.1	1.9	2.8	7.4	3.3	2.2	1.5	1.2	0.7	0.7	0.8	0.9	1.3	1.6	1.3	1.9	1.7	2.2	1.7	1.8	**2.0**	**7.4**	**0.7**
25	---	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**2.2**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.5	0.3	0.3	0.3	0.4	0.4	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.6	0.5	0.4	0.5	**0.3**	**0.6**	**0.0**
28	---	---	0.5	0.5	0.5	0.5	0.5	0.7	0.6	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	**0.4**	**0.7**	**0.3**
29	0.3	---	0.9	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.8	0.7	1.2	0.7	0.5	**0.5**	**1.2**	**0.3**
MEAN	**---**	**---**	**0.9**	**0.9**	**1.0**	**1.0**	**1.0**	**1.2**	**1.0**	**0.9**	**0.7**	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.8**	**0.8**	**0.8**	**0.8**	**8.5**	**1.2**		
MAX	**8.1**	**3.2**	**2.8**	**3.8**	**3.4**	**3.1**	**3.4**	**7.4**	**3.3**	**2.2**	**1.9**	**2.0**	**1.8**	**1.8**	**1.6**	**2.0**	**2.2**	**1.6**	**2.8**	**3.6**	**2.6**	**2.2**	**3.8**	**225.7**		**225.7**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 1.2 ppb

MAXIMUM DOWNWIND2 BUTANE = 225.7 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 11.1 ppb DATE OF OCCURRENCE = 2/16

MINIMUM DOWNWIND2 BUTANE = 0.0 ppb DATE OF OCCURRENCE = 2/3 AT 1800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/26

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BUTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.7	---	1.0	1.1	1.2	1.4	1.4	1.7	1.8	1.5	1.3	1.2	0.9	1.1	1.2	1.5	1.5	1.4	1.6	1.3	1.0	1.1	1.2	1.0	**1.3**	**1.8**	**0.7**
2	0.9	---	1.4	1.3	2.6	4.8	1.4	1.4	1.4	1.5	1.4	0.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.9**	**4.8**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	0.5	0.5	0.6	0.7	0.7	1.1	1.0	2.6	2.7	**---**	**---**	**---**
6	1.4	---	2.9	1.9	1.8	1.7	2.3	1.9	1.5	1.0	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.8	0.7	0.5	0.4	0.4	0.4	0.4	**1.1**	**2.9**	**0.4**
7	0.4	---	0.3	0.4	0.4	0.4	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.5	0.7	0.7	0.7	0.9	1.1	**0.4**	**1.1**	**0.3**
8	3.1	---	2.6	2.3	2.1	2.2	2.2	1.8	1.6	1.3	1.6	1.3	1.2	1.1	1.4	1.6	1.5	1.6	1.8	1.8	1.9	2.0	2.2	2.1	**1.8**	**3.1**	**1.1**
9	1.9	---	2.3	2.3	1.9	1.3	1.1	1.1	1.2	0.9	0.8	0.6	0.5	0.4	0.4	0.6	0.6	0.7	0.9	1.2	1.4	1.2	1.3	1.6	**1.1**	**2.3**	**0.4**
10	1.3	---	1.0	0.9	1.4	1.2	1.0	0.9	1.0	1.3	1.6	0.8	0.6	0.7	0.5	3.5	0.6	0.6	0.8	1.1	1.7	1.8	0.9	0.6	**1.1**	**3.5**	**0.5**
11	0.5	---	0.7	0.6	0.8	0.7	0.7	0.8	0.9	0.9	0.8	1.0	1.2	1.6	1.9	1.6	1.9	1.6	1.7	---	---	1.6	1.8	1.8	**1.2**	**1.9**	**0.5**
12	1.9	2.0	---	2.8	2.5	2.5	2.8	2.8	2.4	2.0	1.4	1.4	1.1	1.1	1.3	1.3	1.3	1.3	1.5	1.6	1.7	1.2	0.9	---	**1.8**	**2.8**	**0.9**
13	1.2	1.1	1.3	1.4	1.3	1.2	0.8	0.8	0.4	0.3	0.4	0.6	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.1	---	**0.6**	**1.4**	**0.3**
14	0.4	0.5	0.5	0.5	0.9	1.0	1.8	4.7	1.5	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.4	0.3	0.6	3.5	0.5	0.6	0.4	---	**0.9**	**4.7**	**0.3**
15	0.5	0.5	0.7	0.5	0.6	0.8	0.4	0.5	0.6	0.6	0.8	0.7	0.5	0.5	0.5	0.5	0.4	0.7	0.5	2.6	4.5	0.6	0.7	---	**0.8**	**4.5**	**0.4**
16	1.1	1.2	4.2	1.2	0.9	1.3	1.0	0.9	0.9	0.6	0.5	1.4	1.7	1.0	2.1	1.3	0.4	0.5	0.5	0.7	0.6	2.9	1.3	---	**1.2**	**4.2**	**0.4**
17	3.0	3.2	2.2	2.2	1.7	1.2	1.3	1.2	1.1	1.1	1.0	0.9	1.0	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.5	---	**1.1**	**3.2**	**0.4**
18	1.0	3.1	0.6	0.7	0.8	0.7	0.9	1.0	1.4	0.9	0.8	0.8	0.7	0.7	0.9	0.8	0.9	0.9	0.8	0.8	0.9	1.0	1.0	---	**1.0**	**3.1**	**0.6**
19	1.5	1.7	1.6	1.1	1.1	1.3	1.4	1.6	3.6	2.0	2.4	1.7	1.6	1.7	1.3	1.3	1.6	1.5	1.4	1.8	1.4	1.6	1.5	---	**1.6**	**3.6**	**1.1**
20	0.9	0.7	0.7	0.6	0.2	0.4	0.4	0.2	0.8	0.6	0.4	0.4	---	---	---	0.7	0.8	0.6	1.6	1.5	1.1	0.5	0.7	1.3	**0.7**	**1.6**	**0.2**
21	---	1.3	1.2	1.7	0.9	0.9	1.1	0.5	0.7	0.4	0.4	0.4	0.4	0.5	0.5	0.8	0.4	0.4	0.9	0.7	2.5	0.5	1.2	2.1	**0.9**	**2.5**	**0.4**
22	---	0.4	0.3	0.5	0.3	0.5	0.8	0.8	0.6	0.5	0.5	0.4	0.5	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	**0.4**	**0.8**	**0.2**
23	---	0.6	0.6	0.6	0.6	0.4	0.6	0.7	0.6	1.0	0.9	0.9	0.9	0.9	1.3	1.4	1.1	1.3	1.0	0.9	0.7	0.5	0.5	0.6	**0.8**	**1.4**	**0.4**
24	---	1.4	2.2	2.2	1.6	1.4	0.7	0.6	0.7	0.7	0.8	0.7	0.7	0.6	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.9	0.7	0.7	**1.0**	**2.2**	**0.6**
25	---	0.7	0.7	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.8	0.9	1.0	1.2	1.2	**0.7**	**1.2**	**0.5**
26	---	2.3	1.7	2.1	2.2	2.4	3.1	2.4	1.7	1.8	1.1	0.9	0.9	0.9	0.7	0.8	0.8	1.4	1.9	1.8	3.4	4.4	0.8	0.7	**1.7**	**4.4**	**0.7**
27	---	0.8	7.9	6.2	2.2	0.9	1.4	1.1	2.9	1.8	1.4	0.9	0.8	0.7	0.5	0.7	1.2	0.8	0.7	3.1	2.4	4.1	1.7	1.4	**2.0**	**7.9**	**0.5**
28	---	1.3	1.5	1.7	1.7	1.1	1.0	0.9	1.3	2.3	2.8	2.0	1.3	0.9	---	0.5	2.2	0.7	0.9	2.8	2.8	2.1	1.6	1.0	**1.6**	**2.8**	**0.5**
29	---	0.6	0.5	0.7	1.1	1.2	0.9	1.1	0.9	0.9	0.6	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	1.1	0.6	0.4	**0.6**	**1.2**	**0.2**
30	---	0.4	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.7	0.6	0.6	0.8	0.5	0.5	0.3	0.4	**0.4**	**0.8**	**0.2**
31	---	0.4	0.4	0.5	0.6	0.6	0.8	1.2	0.5	0.3	0.5	0.4	0.5	0.5	0.6	0.6	0.5	1.1	0.5	0.4	0.5	0.9	0.5	0.6	**0.6**	**1.2**	**0.3**
MEAN	**---**	**---**	**1.4**	**1.3**	**1.1**	**1.1**	**1.0**	**1.1**	**1.1**	**0.9**	**0.9**	**0.8**	**0.7**	**0.7**	**0.7**	**0.8**	**0.7**	**0.7**	**0.8**	**1.1**	**1.2**	**1.1**	**0.9**	**---**	**1.0**		
MAX	**3.1**	**3.2**	**7.9**	**6.2**	**2.6**	**4.8**	**3.1**	**4.7**	**3.6**	**2.3**	**2.8**	**2.0**	**1.7**	**1.7**	**2.1**	**3.5**	**2.2**	**1.6**	**1.9**	**3.5**	**4.5**	**4.4**	**2.6**	**2.7**		**7.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 1.0 ppb

MAXIMUM DOWNWIND2 BUTANE = 7.9 ppb DATE OF OCCURRENCE = 3/27 AT 0300 MAXIMUM DAILY MEAN = 2.0 ppb DATE OF OCCURRENCE = 3/27

MINIMUM DOWNWIND2 BUTANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 1400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 PENTANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.6	0.6	0.8	1.3	**0.3**	**1.3**	**0.2**
2	---	0.9	0.7	1.1	0.9	1.3	1.5	0.9	0.9	3.0	0.6	0.5	0.5	0.6	0.5	0.6	0.4	0.5	0.4	0.4	0.4	0.6	0.9	0.6	**0.8**	**3.0**	**0.4**
3	---	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	**0.1**	**0.4**	**0.0**
5	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	1.7	2.0	0.9	1.7	0.4	0.3	**0.5**	**2.0**	**0.1**
6	---	0.3	0.4	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	**0.2**	**0.4**	**0.2**
7	---	2.1	1.1	1.6	1.0	1.2	2.9	1.4	1.0	1.0	1.0	0.5	0.5	0.4	0.6	0.6	0.8	1.1	1.4	1.2	0.7	0.3	0.2	0.3	**1.0**	**2.9**	**0.2**
8	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	**0.2**	**0.3**	**0.1**
9	---	0.6	0.5	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3	**0.4**	**0.6**	**0.2**
10	---	0.8	0.6	0.6	0.3	0.8	0.5	0.3	1.3	1.8	2.9	2.7	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.6**	**2.9**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	**0.0**	**0.4**	**0.0**
13	---	0.6	0.4	0.8	0.6	0.8	0.6	1.3	1.1	0.8	0.5	0.3	0.3	0.3	0.2	0.2	0.0	---	---	0.0	0.0	0.0	0.5	0.8	**0.5**	**1.3**	**0.0**
14	3.0	---	4.5	1.4	1.6	1.0	0.6	0.7	0.8	0.7	0.8	1.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.7**	**4.5**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.7**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	**0.1**	**0.3**	**0.0**
17	0.2	---	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	**0.2**	**0.3**	**0.1**
18	0.2	---	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.0	0.4	0.0	0.0	0.0	**0.2**	**0.5**	**0.0**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.1	1.5	0.3	0.3	1.2	1.2	**---**	**---**	**---**
21	1.1	1.8	---	1.5	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.2	---	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	---	**0.4**	**1.8**	**0.1**
22	0.5	0.5	0.6	1.7	1.7	2.7	1.3	0.8	0.9	0.8	0.7	0.5	0.6	0.8	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7	---	**0.8**	**2.7**	**0.5**
23	1.4	1.6	1.7	1.1	0.8	0.7	2.2	3.3	0.9	0.8	0.9	0.9	1.0	0.4	0.5	0.6	1.1	1.0	1.2	0.9	0.7	0.7	0.7	---	**1.1**	**3.3**	**0.4**
24	1.1	0.9	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.3**	**1.1**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.3	0.3	0.3	0.3	0.2	0.3	---	**0.2**	**0.3**	**0.0**
27	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.0	0.3	0.3	0.4	0.3	0.2	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	**0.2**	**0.4**	**0.0**
28	0.0	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	---	---	0.0	0.0	0.2	0.1	0.2	0.1	0.1	0.1	**0.2**	**0.3**	**0.0**
29	---	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.3	---	---	0.0	0.1	0.2	0.2	0.1	0.2	0.2	**0.2**	**0.5**	**0.0**
30	---	0.3	0.5	0.7	0.8	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.2	0.3	0.5	**0.4**	**0.8**	**0.2**
31	---	0.3	0.4	0.4	0.4	0.8	0.7	0.7	0.7	0.5	0.5	0.6	0.5	0.7	0.6	0.0	0.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	**0.4**	**0.8**	**0.0**
MEAN	**---**	**0.5**	**0.5**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**---**	**0.4**		
MAX	**3.0**	**2.1**	**4.5**	**1.7**	**1.7**	**2.7**	**2.9**	**3.3**	**1.3**	**3.0**	**2.9**	**2.7**	**1.0**	**1.0**	**0.6**	**0.6**	**1.1**	**1.1**	**1.7**	**2.0**	**0.9**	**1.7**	**1.2**	**1.3**		**4.5**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.4 ppb

MAXIMUM DOWNWIND2 PENTANE = 4.5 ppb DATE OF OCCURRENCE = 1/14 AT 0300 MAXIMUM DAILY MEAN = 1.1 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 1/3 AT 0400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 PENTANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.0	0.4	0.4	0.4	0.0	**0.2**	**0.4**	**0.0**
2	---	0.0	0.0	0.4	0.4	0.4	0.4	0.0	0.5	---	---	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.5**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	**0.0**	**0.3**	**0.0**
6	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.0	0.0	0.2	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.3**	**0.0**
8	0.3	---	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**0.5**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
15	0.2	---	0.3	0.4	0.5	---	---	0.6	0.5	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	**0.4**	**0.6**	**0.2**
16	0.6	0.7	---	0.5	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.0	0.0	0.0	0.0	110.2	**5.1**	**110.2**	**0.0**
17	0.0	0.0	---	0.0	0.0	0.0	1.1	0.8	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**1.1**	**0.0**
18	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	**0.0**	**0.2**	**0.0**
20	---	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.5	0.8	0.5	0.1	0.2	**0.3**	**0.8**	**0.1**
21	---	0.2	0.3	0.3	0.2	0.3	0.3	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.4	0.4	**0.3**	**0.6**	**0.2**
22	---	0.5	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.5	**0.3**	**0.5**	**0.1**
23	---	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.7	0.5	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	**0.4**	**0.8**	**0.2**
24	---	0.6	0.6	0.6	0.6	0.6	1.0	2.9	1.2	0.7	0.5	0.4	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.4**	**2.9**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	**0.1**	**0.2**	**0.0**
28	---	---	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
29	0.1	---	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.4	0.2	0.2	**0.2**	**0.4**	**0.1**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**3.9**	**0.3**		
MAX	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**	**1.1**	**2.9**	**1.2**	**0.7**	**0.5**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.8**	**0.5**	**0.8**	**0.6**	**0.5**	**110.2**		**110.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND2 PENTANE = 110.2 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 5.1 ppb DATE OF OCCURRENCE = 2/16

MINIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 PENTANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	---	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.3	**0.4**	**0.5**	**0.2**
2	0.3	---	0.4	0.4	0.9	1.9	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**1.9**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
6	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
31	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.3**	**0.0**	**0.4**	**0.4**	**0.9**	**1.9**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.4**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.4**	**0.3**		**1.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 PENTANE = 1.9 ppb DATE OF OCCURRENCE = 3/2 AT 0600 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 3/1

MINIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 0900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 HEXANE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
2	---	0.3	0.2	0.3	0.2	0.5	0.4	0.3	0.2	0.7	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	**0.2**	**0.7**	**0.1**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
5	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.0	0.4	0.6	0.1	0.1	**0.2**	**1.0**	**0.0**
6	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
7	---	1.0	0.4	0.6	0.4	0.4	1.1	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.6	0.5	0.3	0.1	0.1	0.1	**0.4**	**1.1**	**0.1**
8	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
9	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
10	---	0.3	0.2	0.2	0.1	0.4	0.2	0.1	0.6	0.8	0.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**0.9**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
17	0.1	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
18	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.0	0.4	0.1	0.1	0.2	0.3	**---**	**---**	**---**
21	0.2	0.4	---	0.4	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.0**
22	0.2	0.2	0.2	0.4	0.4	0.7	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	---	**0.2**	**0.7**	**0.1**
23	0.4	0.4	0.4	0.3	0.2	0.2	0.5	0.8	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	---	**0.3**	**0.8**	**0.1**
24	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.4**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	---	**0.0**	**0.1**	**0.0**
27	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
28	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.1	0.2	0.3	0.3	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
31	---	0.1	0.1	0.1	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
MEAN	**---**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.4**	**1.0**	**0.4**	**0.6**	**0.4**	**0.7**	**1.1**	**0.8**	**0.6**	**0.8**	**0.9**	**0.8**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.4**	**0.8**	**1.0**	**0.4**	**0.6**	**0.3**	**0.3**		**1.1**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 1.1 ppb DATE OF OCCURRENCE = 1/7 AT 0700 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 1/7

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 1/3 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 HEXANE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
6	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	0.0	---	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
15	0.1	---	0.1	0.2	0.1	---	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	**0.1**	**0.2**	**0.1**
16	0.2	0.2	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	24.3	**1.1**	**24.3**	**0.0**
17	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
18	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
20	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.0	0.1	**0.1**	**0.3**	**0.0**
21	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
22	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
23	---	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
24	---	0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.7**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
28	---	---	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	0.0	---	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.9**	**0.1**		
MAX	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.7**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.2**	**0.3**	**0.2**	**0.2**	**24.3**		**24.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 24.3 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 1.1 ppb DATE OF OCCURRENCE = 2/16

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 HEXANE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.1**	**0.2**	**0.1**
2	0.1	---	0.2	0.1	0.3	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	**---**	**---**	**---**
6	0.1	---	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
7	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
8	0.3	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.3**	**0.1**
9	0.2	---	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
10	0.1	---	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.3**	**0.0**
11	0.0	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	---	---	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
12	0.2	0.2	---	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	---	**0.2**	**0.4**	**0.1**
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.1**	**0.1**	**0.0**
14	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	---	**0.1**	**0.4**	**0.0**
15	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.1	---	**0.1**	**0.4**	**0.0**
16	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	---	**0.1**	**0.3**	**0.0**
17	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	---	**0.1**	**0.3**	**0.0**
18	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
19	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.4**	**0.1**
20	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	1.3	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	**0.1**	**1.3**	**0.0**
21	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.2	**0.1**	**0.3**	**0.0**
22	---	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
23	---	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	**0.1**	**0.1**	**0.0**
24	---	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
25	---	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
26	---	0.2	0.1	0.2	0.2	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.3	0.4	0.1	0.1	**0.1**	**0.4**	**0.0**
27	---	0.1	0.7	0.6	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.1	0.1	**0.2**	**0.7**	**0.1**
28	---	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	---	0.0	0.2	0.1	0.1	0.3	0.3	0.0	0.2	0.0	**0.1**	**0.3**	**0.0**
29	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	**0.1**	**0.1**	**0.0**
30	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
31	---	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.3**	**0.3**	**0.7**	**0.6**	**0.3**	**0.6**	**0.4**	**0.4**	**0.4**	**0.2**	**0.2**	**1.3**	**0.1**	**0.1**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.4**	**0.4**	**0.2**	**0.2**		**1.3**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 1.3 ppb DATE OF OCCURRENCE = 3/20 AT 1200 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 3/27

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 3/2 AT 0900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
2	---	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
3	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.4**	**0.1**
4	---	0.3	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
5	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
6	---	0.2	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
7	---	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	**0.2**	**0.2**	**0.1**
8	---	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
9	---	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	**0.2**	**0.6**	**0.1**
10	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
11	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
13	---	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.3	---	---	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.3**	**0.1**
14	0.2	---	0.3	0.2	0.2	0.2	0.2	0.2	0.7	0.9	0.8	0.3	0.1	0.2	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.8	**0.3**	**0.9**	**0.1**
15	0.5	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	**0.2**	**0.5**	**0.1**
16	0.1	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
17	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
18	0.1	---	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.0	0.1	0.2	0.2	**---**	**---**	**---**
21	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.1**
22	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	---	**0.2**	**0.3**	**0.1**
23	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.8	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.7	0.8	0.7	---	**0.4**	**0.8**	**0.2**
24	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.3	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	---	**0.4**	**0.7**	**0.1**
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.4	0.1	0.2	0.1	0.1	0.1	0.2	---	**0.2**	**0.4**	**0.1**
26	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.1**
27	0.2	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	**0.2**	**0.3**	**0.1**
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
29	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
30	---	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	**0.2**	**0.4**	**0.1**
31	---	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.3	**0.3**	**0.5**	**0.2**
MEAN	**---**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**---**	**0.2**		
MAX	**0.7**	**0.6**	**0.5**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.7**	**0.9**	**0.8**	**0.8**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**	**0.3**	**0.4**	**0.3**	**0.7**	**0.8**	**0.7**	**0.8**		**0.9**	
MIN	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND2 BENZENE = 0.9 ppb DATE OF OCCURRENCE = 1/14 AT 1000 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 1000 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.4**	**0.1**
2	---	0.2	0.1	0.1	0.3	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
3	0.1	---	0.1	0.2	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.2**	**0.4**	**0.1**
4	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
5	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.1**	**0.2**	**0.1**
6	0.1	---	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.2**	**0.1**
7	0.2	---	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	**0.1**	**0.4**	**0.1**
8	0.2	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
9	0.1	---	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
10	0.1	---	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
11	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.1	0.1	**0.2**	**0.3**	**0.1**
12	0.1	---	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.2**	**0.1**
13	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.1	0.1	**0.2**	**0.4**	**0.1**
14	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.7	0.1	0.1	**0.1**	**0.7**	**0.1**
15	0.1	---	0.2	0.2	0.2	---	---	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
16	0.1	0.1	---	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.5	**0.2**	**0.5**	**0.1**
17	0.2	0.2	---	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	**0.2**	**0.3**	**0.1**
18	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
19	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
20	---	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.1**	**0.2**	**0.1**
21	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.5**	**0.2**
22	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.2	**0.1**	**0.3**	**0.1**
23	---	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
24	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.1**
25	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.2**	**0.3**	**0.1**
26	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1	**0.2**	**0.3**	**0.1**
27	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	**0.1**	**0.2**	**0.1**
28	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
29	0.1	---	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	**0.1**	**0.3**	**0.1**
MEAN	---	---	**0.2**	**0.1**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.2**	**0.1**		
MAX	**0.2**	**0.4**	**0.3**	**0.3**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.5**	**0.3**	**0.3**	**0.4**	**0.3**	**0.2**	**0.3**	**0.3**	**0.4**	**0.7**	**0.3**	**0.5**		**0.7**	
MIN	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 BENZENE = 0.7 ppb DATE OF OCCURRENCE = 2/14 AT 2200 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 2/1

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 2200 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/10

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 BENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
2	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.1**
3	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
4	0.1	---	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.1**
5	0.1	0.1	0.1	0.1	0.4	0.2	0.2	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	**---**	**---**	**---**
6	0.1	---	0.3	0.3	0.3	0.4	0.5	0.7	0.6	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.7**	**0.0**
7	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.1**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.6**	**0.0**
9	0.1	---	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
10	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	**0.0**	**0.2**	**0.0**
11	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.2	0.2	**0.1**	**0.2**	**0.1**
12	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	---	**0.1**	**0.2**	**0.0**
13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
14	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
15	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
17	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**0.4**	**0.0**
18	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	---	**0.0**	**0.2**	**0.0**
19	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	**0.4**	**6.4**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	9.3	1.7	0.0	0.0	0.0	0.0	9.2	0.0	6.3	14.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.9**	**14.6**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**1.0**	**0.0**
23	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**3.0**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.0**	**23.4**	**0.0**
27	---	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**2.5**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	4.7	**0.2**	**4.7**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	17.1	4.6	4.0	0.0	0.0	0.0	0.0	0.8	0.0	13.5	13.2	0.0	**2.8**	**17.1**	**0.0**
31	---	1.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**3.0**	**0.0**
MEAN	**---**	**---**	**0.1**	**0.1**	**0.2**	**0.1**	**0.4**	**0.1**	**0.1**	**0.1**	**0.4**	**0.8**	**0.9**	**0.2**	**0.5**	**0.6**	**0.2**	**0.0**	**0.1**	**0.1**	**0.0**	**0.5**	**0.5**	**---**	**0.3**		
MAX	**0.2**	**1.0**	**0.3**	**0.9**	**3.0**	**0.4**	**9.3**	**1.7**	**1.6**	**0.2**	**10.4**	**23.4**	**17.1**	**4.6**	**6.3**	**14.6**	**3.2**	**0.1**	**3.0**	**0.8**	**0.2**	**13.5**	**13.2**	**6.4**		**23.4**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND2 BENZENE = 23.4 ppb DATE OF OCCURRENCE = 3/26 AT 1200 MAXIMUM DAILY MEAN = 2.8 ppb DATE OF OCCURRENCE = 3/30

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/3 AT 1500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/24

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOLUENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
2	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
3	---	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
4	---	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
6	---	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
7	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
8	---	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
9	---	0.1	0.1	0.1	0.1	0.1	0.3	0.6	0.7	0.3	0.3	0.2	0.3	0.3	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.0	**0.2**	**0.7**	**0.0**
10	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
13	---	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	---	---	0.2	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
14	0.2	---	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	**0.2**	**0.4**	**0.1**
15	0.2	---	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.4	0.2	0.2	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
16	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
17	0.1	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	**0.0**	**0.2**	**0.0**
18	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**---**	**---**	**---**
21	0.1	0.1	---	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.1**
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	---	**0.2**	**0.3**	**0.1**
23	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.5	0.6	0.5	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.7	0.7	0.7	---	**0.3**	**0.7**	**0.1**
24	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	---	**0.3**	**0.6**	**0.1**
25	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.1**
28	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
29	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	---	---	0.1	0.0	0.1	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
30	---	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
31	---	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	**0.3**	**0.5**	**0.1**
MEAN	**---**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.6**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.3**	**0.6**	**0.7**	**0.6**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.7**	**0.7**	**0.7**	**0.3**		**0.7**	
MIN	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 TOLUENE = 0.7 ppb DATE OF OCCURRENCE = 1/23 AT 2300 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOLUENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	**0.2**	**0.3**	**0.1**
2	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
3	0.0	---	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
4	0.1	---	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
5	0.1	---	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
6	0.1	---	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.1	**0.2**	**0.3**	**0.1**
7	0.1	---	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
8	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
9	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
10	0.0	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
11	0.2	---	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
12	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	**0.1**	**0.2**	**0.1**
13	0.2	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
14	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	**0.0**	**0.2**	**0.0**
15	0.1	---	0.1	0.1	0.2	---	---	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
16	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	**0.1**	**0.4**	**0.1**
17	0.1	0.1	---	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
18	0.1	0.1	---	0.0	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
19	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
20	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
21	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
22	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
23	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
24	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
25	---	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
26	---	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	**0.1**	**0.2**	**0.1**
27	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
28	---	---	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	0.0	---	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
MEAN	---	---	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.2**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.4**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.4**		**0.4**	
MIN	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 TOLUENE = 0.4 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 2/25

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 2/2 AT 1300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/27

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOLUENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
2	0.0	---	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
3	0.1	---	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
4	0.0	---	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---	---	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**---**	**---**	**---**
6	0.1	---	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
8	0.0	---	0.3	0.0	0.0	0.1	0.3	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.2**	**3.1**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	---	---	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
12	0.2	0.2	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	---	**0.1**	**0.2**	**0.0**
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.0**	**0.1**	**0.0**
16	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	---	**0.0**	**0.1**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
19	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	9.3	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.6**	**9.3**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.6**	**7.2**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	**0.6**	**9.2**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	**0.8**	**7.2**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	**0.1**	**1.7**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	9.7	7.5	1.8	0.0	0.0	7.2	**1.5**	**9.7**	**0.0**
31	---	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.3**	**4.6**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**0.1**	**0.3**	**0.3**	**0.0**	**0.0**	**0.0**	**0.3**	**0.1**	**0.3**	**0.2**	**0.6**	**0.3**	**0.3**	**0.1**	**0.2**	**0.0**	**---**	**0.2**		
MAX	**0.2**	**3.1**	**0.3**	**0.2**	**0.1**	**0.2**	**4.6**	**1.7**	**9.2**	**4.7**	**0.1**	**0.1**	**0.1**	**7.2**	**2.6**	**9.3**	**5.6**	**8.5**	**9.7**	**7.5**	**1.8**	**5.6**	**0.4**	**7.2**		**9.7**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND2 TOLUENE = 9.7 ppb DATE OF OCCURRENCE = 3/30 AT 1900 MAXIMUM DAILY MEAN = 1.5 ppb DATE OF OCCURRENCE = 3/30

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 3/1 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/13

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.2**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
5	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
6	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
15	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
18	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
21	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
23	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
24	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
31	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
MEAN	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**1.2**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**		**1.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 1.2 ppb DATE OF OCCURRENCE = 1/3 AT 1100 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 1/3

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
5	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
6	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
13	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
15	0.0	---	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
16	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
17	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
18	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
20	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
28	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
MEAN	---	---	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		
MAX	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**		**0.1**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 0.1 ppb DATE OF OCCURRENCE = 2/23 AT 1200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/27

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
2	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
6	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.9**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
12	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
14	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	---	**0.0**	**0.1**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
31	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.9**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**		**0.9**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 0.9 ppb DATE OF OCCURRENCE = 3/9 AT 1100 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/9

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 3/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
3	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	**0.1**	**1.5**	**0.0**
4	---	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
5	---	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
6	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
7	---	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
8	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
10	---	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
11	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
14	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
15	0.1	---	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
18	0.1	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
21	0.0	0.0	---	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	---	**0.0**	**0.1**	**0.0**
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	---	**0.1**	**0.3**	**0.0**
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.1**	**0.2**	**0.0**
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**0.0**	**0.1**	**0.0**
28	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
30	---	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
31	---	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
MEAN	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**---**	**0.0**		
MAX	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**1.5**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.1**		**1.5**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 1.5 ppb DATE OF OCCURRENCE = 1/3 AT 1100 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 1/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
5	0.0	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
6	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.1**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
8	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
9	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
11	0.1	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
13	0.1	---	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
14	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
15	0.0	---	0.0	0.0	0.0	---	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
16	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
17	0.0	0.0	---	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
18	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
20	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
25	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
26	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
28	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
29	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		
MAX	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		**0.2**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 0.2 ppb DATE OF OCCURRENCE = 2/25 AT 1300 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 2/25

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 2/1 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 2/2

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	0.0	---	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
2	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
3	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
4	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**---**	**---**	**---**
6	0.0	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.0**	**0.1**	**0.0**
7	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
8	0.0	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
9	0.0	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.5**	**0.0**
10	0.0	---	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
11	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	---	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
12	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
14	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**2.9**	**0.0**
15	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.0**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
21	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
23	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	3.7	0.0	0.0	2.2	0.0	2.5	2.9	0.0	0.0	0.0	0.0	0.0	**0.7**	**5.6**	**0.0**
24	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.6	2.6	0.0	4.0	**0.4**	**4.0**	**0.0**
25	---	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	6.0	7.4	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	3.8	**1.4**	**7.4**	**0.0**
26	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	1.9	0.0	**0.3**	**4.8**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	3.9	3.9	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	**0.6**	**4.0**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.6**	**0.0**
29	---	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**1.0**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.0**	**0.0**
31	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.6	4.1	3.8	4.4	**1.0**	**5.3**	**0.0**
MEAN	**---**	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.3**	**0.1**	**0.0**	**0.3**	**0.4**	**0.2**	**0.5**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**---**	**0.2**		
MAX	**0.1**	**0.1**	**0.1**	**0.1**	**1.0**	**0.1**	**4.0**	**3.9**	**0.2**	**6.0**	**7.4**	**5.6**	**5.3**	**0.0**	**0.0**	**2.2**	**0.0**	**2.5**	**2.9**	**6.3**	**4.8**	**4.1**	**3.8**	**4.4**		**7.4**	
MIN	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 7.4 ppb DATE OF OCCURRENCE = 3/25 AT 1100 MAXIMUM DAILY MEAN = 1.4 ppb DATE OF OCCURRENCE = 3/25

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 3/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 3/2

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 THC PAMS in ppb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	16.2	12.1	14.1	11.0	13.9	9.0	8.8	10.0	7.9	8.5	9.5	10.2	9.0	9.4	7.8	8.6	10.1	11.2	17.6	17.4	21.7	29.8	41.1	**13.7**	**41.1**	**7.8**
2	---	33.6	36.7	45.4	46.4	53.0	51.2	39.3	40.3	326.8	27.9	21.1	20.5	19.8	21.9	22.9	18.1	19.2	18.8	18.0	20.0	22.2	31.6	27.9	**42.7**	**326.8**	**18.0**
3	---	24.9	24.8	23.3	43.1	27.9	19.5	24.0	34.6	22.9	45.4	17.5	38.6	24.0	15.9	39.8	16.3	18.4	21.7	29.0	25.1	29.1	31.4	33.8	**27.4**	**45.4**	**15.9**
4	---	45.0	57.1	36.4	22.4	19.6	17.6	21.3	18.3	17.7	19.9	17.0	14.9	15.7	12.7	12.5	13.0	10.1	11.3	12.3	10.4	9.8	11.4	10.4	**19.0**	**57.1**	**9.8**
5	---	8.4	8.4	8.2	8.3	7.1	7.1	6.4	5.9	6.1	10.6	8.0	10.4	8.2	8.8	8.3	10.0	16.4	29.0	36.4	24.1	34.5	15.1	11.5	**12.9**	**36.4**	**5.9**
6	---	13.7	17.7	10.7	8.8	18.1	12.1	9.9	10.0	10.1	8.0	9.6	8.1	8.9	7.7	7.8	7.7	8.6	8.4	9.1	10.7	10.6	10.9	12.1	**10.4**	**18.1**	**7.7**
7	---	35.1	33.0	35.9	27.4	32.9	65.0	39.3	33.9	37.2	42.4	28.3	23.7	13.9	19.4	32.7	36.6	40.0	40.9	31.6	22.6	12.1	10.0	10.6	**30.6**	**65.0**	**10.0**
8	---	8.1	8.9	8.2	8.7	8.7	8.0	7.6	7.6	6.2	6.2	6.6	6.5	6.8	6.6	5.8	6.3	6.3	5.8	6.7	7.3	9.2	11.2	13.2	**7.7**	**13.2**	**5.8**
9	---	18.8	17.5	15.6	14.9	15.8	16.4	16.9	16.1	16.6	15.6	14.8	11.4	12.6	12.5	15.2	17.7	12.6	12.1	13.2	15.6	17.0	17.5	16.6	**15.3**	**18.8**	**11.4**
10	---	26.9	16.5	15.1	11.5	20.1	16.1	13.0	29.9	41.2	85.9	77.0	16.1	25.0	44.3	181.3	33.0	27.5	29.3	25.5	22.2	25.2	20.0	16.0	**35.6**	**181.3**	**11.5**
11	---	11.7	10.9	12.8	11.0	10.2	10.9	9.4	8.2	9.0	9.4	12.1	12.0	9.8	7.5	13.9	6.9	6.7	5.7	8.6	13.4	9.7	9.9	10.4	**10.0**	**13.9**	**5.7**
12	---	7.3	4.6	6.3	7.0	8.1	7.8	8.8	7.9	8.2	7.3	6.2	6.6	8.8	9.0	7.4	11.1	10.4	8.8	9.1	9.6	9.4	10.8	11.7	**8.4**	**11.7**	**4.6**
13	---	27.2	19.6	33.6	25.8	39.5	28.8	53.6	45.8	34.4	26.7	18.4	16.5	11.6	10.2	12.5	15.7	---	---	19.3	23.3	24.9	26.8	38.1	**26.3**	**53.6**	**10.2**
14	74.5	---	114.1	47.4	46.8	35.1	28.6	30.7	38.7	36.2	38.3	47.5	36.4	33.6	28.3	22.8	20.3	14.9	12.2	14.1	13.7	17.7	15.5	18.5	**34.2**	**114.1**	**12.2**
15	17.7	---	17.7	17.0	39.2	22.0	29.5	24.1	23.5	24.7	54.9	31.2	28.5	29.6	27.1	23.9	26.0	26.2	29.5	39.4	31.5	24.6	21.6	16.7	**27.2**	**54.9**	**16.7**
16	16.3	---	13.0	15.3	15.5	12.1	14.5	10.5	9.9	10.1	13.2	10.2	9.1	9.1	9.2	8.0	9.3	8.1	9.9	7.8	7.6	10.6	13.1	10.9	**11.0**	**16.3**	**7.6**
17	9.8	---	7.6	7.5	9.5	17.3	6.3	11.0	10.2	6.1	6.4	6.9	6.1	7.1	5.9	5.7	6.8	6.9	7.2	8.8	10.6	10.5	10.9	11.6	**8.5**	**17.3**	**5.7**
18	11.1	---	11.6	12.2	10.5	11.0	10.8	10.1	9.2	9.4	10.7	10.9	11.7	16.0	18.6	16.4	14.5	11.1	10.9	9.6	14.5	14.7	14.8	13.4	**12.3**	**18.6**	**9.2**
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.6	6.9	58.9	15.2	10.9	30.1	34.4	**---**	**---**	**---**
21	32.5	44.4	---	45.1	13.5	9.8	13.3	13.9	9.9	6.6	7.5	6.5	8.9	---	6.8	7.7	8.4	9.4	14.3	15.1	13.2	13.4	16.5	---	**15.1**	**45.1**	**6.5**
22	21.2	21.9	22.9	54.1	54.9	78.3	43.4	34.2	38.9	63.9	48.5	30.8	39.0	39.6	30.2	31.2	28.5	33.6	38.0	39.1	41.7	39.7	37.0	---	**39.6**	**78.3**	**21.2**
23	61.8	60.0	65.4	46.0	38.6	33.2	72.9	96.9	42.3	42.9	43.7	39.9	42.3	22.9	27.2	32.7	39.5	38.2	49.6	41.2	44.0	46.7	40.7	---	**46.5**	**96.9**	**22.9**
24	46.9	46.3	29.9	28.6	30.2	28.7	27.2	42.6	24.1	24.4	23.4	22.4	15.1	16.1	9.7	5.9	6.1	6.1	6.8	7.1	9.0	8.9	14.6	---	**20.9**	**46.9**	**5.9**
25	12.3	11.0	21.3	26.4	94.0	41.4	36.2	28.2	11.4	9.0	11.3	11.7	10.9	10.9	13.4	11.7	13.2	12.5	13.6	12.0	11.6	12.3	11.5	---	**19.5**	**94.0**	**9.0**
26	12.5	11.5	11.3	10.6	11.1	10.3	10.3	9.9	9.8	9.8	10.2	11.9	12.0	10.8	11.0	10.1	9.9	10.5	11.8	11.6	11.8	11.1	10.6	---	**10.9**	**12.5**	**9.8**
27	10.7	11.0	11.5	10.5	12.9	21.6	12.4	11.8	11.3	11.9	11.6	13.9	16.3	10.3	9.1	9.6	8.5	8.9	9.5	9.0	10.4	9.1	10.5	---	**11.4**	**21.6**	**8.5**
28	11.7	11.9	10.0	12.3	10.0	9.8	9.0	8.5	11.0	8.7	10.4	8.1	7.8	7.5	---	---	9.2	10.2	11.5	8.1	7.8	7.4	6.3	6.3	**9.2**	**12.3**	**6.3**
29	---	12.6	8.1	13.9	13.1	8.7	8.8	20.0	16.3	9.7	8.1	7.8	8.7	7.8	11.3	---	---	7.1	6.9	7.2	8.1	7.1	7.6	8.4	**9.9**	**20.0**	**6.9**
30	---	16.6	25.0	22.2	32.8	35.1	27.4	22.6	22.4	20.3	21.4	27.3	15.1	10.0	11.2	10.9	10.5	10.4	10.7	22.1	17.2	12.2	12.7	16.2	**18.8**	**35.1**	**10.0**
31	---	14.8	16.0	18.9	18.6	28.9	26.5	32.6	32.9	24.4	26.2	27.4	26.7	31.1	28.4	27.3	29.3	31.0	32.7	39.8	45.6	53.5	44.1	36.5	**30.1**	**53.5**	**14.8**
MEAN	**---**	**22.5**	**23.3**	**22.5**	**24.0**	**23.4**	**22.3**	**23.0**	**20.4**	**29.7**	**22.7**	**19.3**	**16.9**	**15.6**	**15.5**	**21.9**	**15.7**	**15.3**	**16.7**	**19.6**	**17.8**	**18.2**	**18.5**	**---**	**20.3**		
MAX	**74.5**	**60.0**	**114.1**	**54.1**	**94.0**	**78.3**	**72.9**	**96.9**	**45.8**	**326.8**	**85.9**	**77.0**	**42.3**	**39.6**	**44.3**	**181.3**	**39.5**	**40.0**	**49.6**	**58.9**	**45.6**	**53.5**	**44.1**	**41.1**		**326.8**	
MIN	**9.8**	**7.3**	**4.6**	**6.3**	**7.0**	**7.1**	**6.3**	**6.4**	**5.9**	**6.1**	**6.2**	**6.2**	**6.1**	**6.8**	**5.9**	**5.7**	**6.1**	**6.1**	**5.7**	**6.7**	**7.3**	**7.1**	**6.3**	**6.3**			**4.6**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 667 DATA RECOVERY RATE = 89.7%

MONTHLY MEAN = 20.3 ppb

MAXIMUM DOWNWIND2 THC PAMS = 326.8 ppb DATE OF OCCURRENCE = 1/2 AT 1000 MAXIMUM DAILY MEAN = 46.5 ppb DATE OF OCCURRENCE = 1/23

MINIMUM DOWNWIND2 THC PAMS = 4.6 ppb DATE OF OCCURRENCE = 1/12 AT 0300 MINUMUM DAILY MEAN = 7.7 ppb DATE OF OCCURRENCE = 1/8

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 THC PAMS in ppb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	---	38.0	39.2	36.5	27.5	24.6	16.6	16.1	12.3	12.4	11.8	11.9	12.0	14.8	15.0	16.1	12.7	15.2	16.5	17.6	18.4	19.8	19.6	18.0	**19.2**	**39.2**	**11.8**
2	---	23.9	18.2	14.0	13.6	12.8	12.5	13.5	14.9	---	---	10.8	9.7	8.4	8.0	9.2	10.3	12.7	13.9	8.8	6.6	5.7	5.4	5.1	**11.3**	**23.9**	**5.1**
3	5.8	---	13.2	10.5	13.1	32.4	23.5	15.6	18.1	18.8	14.4	19.5	17.1	14.1	16.4	20.7	23.2	21.2	24.0	34.9	29.9	36.2	38.3	29.2	**21.3**	**38.3**	**5.8**
4	22.6	---	9.4	9.6	12.0	11.9	12.3	13.0	13.7	12.8	13.7	12.6	12.3	11.8	12.7	12.1	18.9	11.8	13.4	16.6	12.5	11.4	4.5	5.2	**12.5**	**22.6**	**4.5**
5	4.7	---	5.4	16.8	10.5	11.3	8.9	5.0	5.3	5.7	7.5	6.9	6.6	7.1	7.0	11.5	7.5	9.3	9.9	9.7	9.7	9.4	12.9	8.3	**8.5**	**16.8**	**4.7**
6	11.3	---	12.8	12.6	16.9	15.2	14.4	13.7	21.2	25.3	18.5	24.0	17.7	23.5	13.7	14.3	18.6	14.9	10.6	8.6	14.0	11.9	9.2	9.3	**15.3**	**25.3**	**8.6**
7	7.9	---	7.2	12.7	13.1	5.4	9.1	11.5	9.5	6.7	7.8	12.0	11.2	8.0	4.7	6.0	4.8	6.4	7.6	6.2	9.2	11.8	11.8	9.3	**8.7**	**13.1**	**4.7**
8	11.3	---	9.4	10.5	8.9	10.6	12.9	19.4	16.2	15.2	12.6	9.6	8.6	8.2	8.1	10.5	11.9	12.8	17.7	18.6	17.9	20.0	23.4	21.3	**13.7**	**23.4**	**8.1**
9	19.2	---	16.9	18.7	21.0	24.7	22.9	23.8	27.8	25.4	22.2	19.2	19.4	16.5	18.0	24.3	24.2	23.0	18.3	11.4	14.7	11.0	9.8	11.4	**19.3**	**27.8**	**9.8**
10	14.2	---	13.3	11.6	11.1	10.9	10.2	9.9	9.0	8.5	9.1	9.2	8.9	8.8	8.8	11.0	12.1	11.4	9.2	9.6	11.8	11.2	11.1	17.1	**10.8**	**17.1**	**8.5**
11	22.9	---	12.1	10.2	13.2	13.2	17.0	8.3	8.8	12.9	13.6	8.6	17.0	8.0	11.4	9.4	11.7	17.2	10.8	11.8	11.2	14.2	11.2	7.4	**12.3**	**22.9**	**7.4**
12	7.3	---	6.6	8.7	8.1	10.2	12.6	14.7	13.9	12.4	13.8	13.6	18.1	16.6	17.4	19.2	18.7	19.2	17.4	15.2	15.9	12.5	11.4	12.6	**13.7**	**19.2**	**6.6**
13	15.9	---	24.7	14.2	16.0	15.6	14.7	14.0	10.7	9.5	8.6	9.6	11.2	13.9	10.3	8.9	6.3	10.8	8.6	8.0	8.8	8.4	5.9	6.0	**11.3**	**24.7**	**5.9**
14	6.4	---	5.3	6.2	9.7	7.9	7.1	7.2	6.3	5.9	6.2	5.5	5.8	5.8	7.5	6.8	7.1	8.9	6.1	7.1	17.9	25.1	12.3	11.4	**8.5**	**25.1**	**5.3**
15	12.1	---	15.9	19.4	20.7	---	---	27.2	25.5	18.3	17.1	23.5	19.5	17.0	20.0	23.2	24.7	24.6	27.0	28.7	31.5	30.2	29.9	28.3	**23.1**	**31.5**	**12.1**
16	28.2	31.7	---	25.2	20.6	17.5	17.8	21.9	22.3	21.7	17.3	13.9	16.5	15.5	18.7	15.7	14.6	11.7	34.0	14.9	13.6	16.1	17.0	1167.6	**69.3**	**1167.6**	**11.7**
17	42.7	30.7	---	33.3	33.1	32.4	38.5	32.5	41.4	28.8	17.6	12.6	10.7	8.9	6.9	8.0	9.3	7.9	10.4	9.8	9.7	10.3	10.1	11.8	**19.9**	**42.7**	**6.9**
18	10.0	9.3	---	13.0	23.4	16.3	16.2	15.5	---	13.1	12.4	13.1	13.8	13.1	13.6	13.8	14.2	7.2	9.0	8.2	8.8	8.1	7.9	8.2	**12.2**	**23.4**	**7.2**
19	---	7.8	6.5	6.3	7.0	9.5	7.4	8.0	8.1	7.4	7.3	6.9	7.1	7.0	6.1	6.0	6.5	6.1	6.1	7.7	8.7	6.8	8.8	8.9	**7.3**	**9.5**	**6.0**
20	---	18.7	17.9	16.0	18.7	18.4	25.9	35.7	19.3	17.4	13.4	8.5	9.2	9.0	7.1	6.7	6.9	16.1	5.9	24.1	41.9	29.6	7.1	8.1	**16.6**	**41.9**	**5.9**
21	---	11.5	11.6	13.8	13.2	17.8	20.6	23.3	21.1	14.7	9.6	7.7	9.5	8.9	8.4	8.9	9.1	8.9	10.5	11.3	14.9	20.7	16.0	15.6	**13.4**	**23.3**	**7.7**
22	---	16.0	15.3	14.8	12.0	11.3	13.8	15.0	11.4	9.1	9.3	10.1	9.9	9.8	9.7	8.3	9.6	8.2	10.2	12.4	15.8	19.2	17.8	17.7	**12.5**	**19.2**	**8.2**
23	---	20.9	21.0	21.8	24.3	26.0	30.2	39.6	39.2	27.7	22.4	10.0	14.9	12.0	14.9	10.9	10.1	8.9	9.4	13.8	16.3	16.9	19.4	21.7	**19.7**	**39.6**	**8.9**
24	---	23.6	25.4	25.0	27.7	23.9	30.6	53.5	35.7	26.2	18.9	14.4	9.1	10.1	10.7	12.3	16.8	19.0	15.9	24.9	22.6	30.5	27.7	24.9	**23.0**	**53.5**	**9.1**
25	---	40.2	34.2	22.0	26.9	27.6	30.1	45.1	22.5	19.3	54.4	26.9	18.9	15.7	15.2	12.2	12.0	14.8	23.3	11.5	16.7	13.3	18.0	20.0	**23.5**	**54.4**	**11.5**
26	---	30.6	25.0	39.9	34.2	28.0	19.0	16.6	17.2	16.9	16.4	16.6	17.4	20.8	16.9	26.7	23.7	17.2	16.7	17.3	13.0	11.9	12.7	5.6	**20.0**	**39.9**	**5.6**
27	---	5.5	4.7	8.6	8.5	10.4	5.2	5.3	4.9	7.2	7.1	7.6	10.8	8.9	7.9	7.5	8.4	6.4	7.0	6.7	9.5	10.4	6.6	10.2	**7.6**	**10.8**	**4.7**
28	---	---	7.8	8.9	7.5	7.7	8.5	12.8	9.2	7.2	7.8	7.5	6.8	7.7	9.0	6.2	7.4	6.1	7.8	10.8	10.0	8.1	7.9	9.2	**8.3**	**12.8**	**6.1**
29	6.7	---	17.4	7.9	8.7	10.2	8.7	8.1	9.6	9.7	8.4	5.8	7.2	7.0	7.7	6.0	4.9	5.4	6.8	16.8	10.9	18.4	16.2	15.1	**9.7**	**18.4**	**4.9**
MEAN	**---**	**---**	**15.2**	**16.2**	**16.6**	**16.6**	**16.7**	**18.8**	**17.0**	**14.9**	**14.3**	**12.3**	**12.3**	**11.6**	**11.4**	**12.2**	**12.6**	**12.5**	**13.2**	**13.9**	**15.3**	**15.8**	**14.1**	**53.2**	**16.3**		
MAX	**42.7**	**40.2**	**39.2**	**39.9**	**34.2**	**32.4**	**38.5**	**53.5**	**41.4**	**28.8**	**54.4**	**26.9**	**19.5**	**23.5**	**20.0**	**26.7**	**24.7**	**24.6**	**34.0**	**34.9**	**41.9**	**36.2**	**38.3**	**####**		**1167.6**	
MIN	**4.7**	**5.5**	**4.7**	**6.2**	**7.0**	**5.4**	**5.2**	**5.0**	**4.9**	**5.7**	**6.2**	**5.5**	**5.8**	**5.8**	**4.7**	**6.0**	**4.8**	**5.4**	**5.9**	**6.2**	**6.6**	**5.7**	**4.5**	**5.1**			**4.5**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 95.0%

MONTHLY MEAN = 16.3 ppb

MAXIMUM DOWNWIND2 THC PAMS = 1167.6 ppb DATE OF OCCURRENCE = 2/16 AT 2400 MAXIMUM DAILY MEAN = 69.3 ppb DATE OF OCCURRENCE = 2/16

MINIMUM DOWNWIND2 THC PAMS = 4.5 ppb DATE OF OCCURRENCE = 2/4 AT 2300 MINUMUM DAILY MEAN = 7.3 ppb DATE OF OCCURRENCE = 2/19

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DOWNWIND2 THC PAMS in ppb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	15.6	---	23.2	17.6	21.5	20.2	20.2	25.7	23.0	17.9	15.0	14.4	11.9	12.9	16.5	20.8	22.3	22.3	24.4	23.0	22.3	22.0	22.8	19.2	**19.8**	**25.7**	**11.9**
2	16.4	---	18.9	16.2	23.3	33.3	17.5	19.4	18.1	18.0	16.8	10.4	11.8	11.1	14.4	16.0	19.0	15.8	15.6	14.4	13.1	12.0	13.1	12.6	**16.4**	**33.3**	**10.4**
3	12.9	---	13.0	15.2	18.5	19.9	23.9	20.4	15.0	11.9	19.8	21.5	12.8	10.3	7.5	6.7	8.4	6.1	12.0	6.6	6.1	7.9	6.5	7.4	**12.6**	**23.9**	**6.1**
4	6.6	---	6.7	15.6	6.9	7.4	8.7	11.6	12.8	7.4	6.4	4.9	5.2	5.3	4.5	9.1	4.6	8.7	4.8	6.4	4.6	5.3	5.6	---	**7.2**	**15.6**	**4.5**
5	12.6	12.3	14.6	16.2	18.9	17.7	22.2	---	---	---	---	---	---	---	---	10.9	10.7	12.3	14.2	12.8	19.4	21.1	44.9	45.2	**---**	**---**	**---**
6	28.1	---	45.3	33.9	32.7	26.6	31.5	30.0	26.7	17.4	11.0	10.5	9.1	9.8	10.6	9.9	10.8	10.1	9.0	6.9	6.2	6.6	5.5	6.8	**17.2**	**45.3**	**5.5**
7	7.1	---	5.4	5.8	5.8	5.6	5.3	5.1	7.6	4.8	4.9	5.6	5.5	5.4	5.7	5.7	6.0	6.9	9.4	11.7	12.6	13.5	15.0	17.8	**7.7**	**17.8**	**4.8**
8	40.9	---	32.0	28.9	32.9	39.3	39.2	35.5	30.8	26.6	21.5	17.4	15.7	13.7	17.2	19.8	20.8	22.9	24.7	25.5	25.4	28.3	30.1	30.4	**26.9**	**40.9**	**13.7**
9	30.1	---	29.4	30.6	23.7	16.8	15.6	14.5	14.9	11.9	12.1	9.3	8.2	6.8	6.8	8.8	8.6	13.0	13.0	16.7	19.4	18.7	21.2	33.5	**16.7**	**33.5**	**6.8**
10	22.7	---	14.1	13.5	21.3	17.8	16.3	13.7	16.1	15.2	16.8	10.7	7.7	9.1	8.2	44.8	8.4	8.2	11.1	15.5	25.9	27.3	13.9	9.3	**16.0**	**44.8**	**7.7**
11	7.6	---	8.6	8.6	10.1	10.0	10.5	13.1	16.2	14.8	13.8	14.8	18.2	21.9	20.8	20.2	25.9	26.9	28.9	---	---	29.2	33.1	33.6	**18.4**	**33.6**	**7.6**
12	34.3	38.7	---	54.8	45.4	47.7	51.6	51.4	41.3	31.7	22.3	24.2	19.6	21.7	25.2	23.7	22.8	22.7	25.0	24.9	24.9	19.8	16.3	---	**31.4**	**54.8**	**16.3**
13	18.2	18.6	21.5	21.2	18.2	16.9	13.6	10.5	7.2	6.1	6.8	8.0	5.9	5.6	6.1	6.4	7.1	6.4	6.3	5.1	5.2	7.8	17.0	---	**10.7**	**21.5**	**5.1**
14	6.9	8.5	7.6	8.8	17.3	15.5	29.8	74.4	23.1	13.2	10.3	7.6	9.9	10.4	8.0	14.9	7.7	6.0	9.6	52.6	7.8	8.7	7.4	---	**15.9**	**74.4**	**6.0**
15	8.3	7.8	12.0	8.9	11.8	13.0	7.9	9.0	8.6	9.1	9.3	8.9	7.2	8.0	8.3	7.8	6.9	12.1	8.3	39.5	70.7	11.2	14.6	---	**13.4**	**70.7**	**6.9**
16	22.7	22.5	71.7	27.6	18.9	27.2	17.7	15.9	13.4	10.0	8.9	9.5	9.7	8.5	20.1	8.9	7.6	8.5	8.5	11.0	11.3	44.8	20.6	---	**18.5**	**71.7**	**7.6**
17	37.7	37.8	29.7	29.8	26.0	20.4	22.9	19.6	16.8	18.1	17.0	14.2	15.1	10.7	9.3	9.8	8.3	7.6	9.3	8.8	8.5	8.0	8.8	---	**17.1**	**37.8**	**7.6**
18	15.8	51.5	10.3	13.6	15.4	13.0	15.7	15.6	18.2	14.2	12.5	12.6	11.5	11.3	13.5	13.5	14.5	13.5	12.8	13.4	14.7	16.7	17.9	---	**15.7**	**51.5**	**10.3**
19	20.7	20.6	20.3	16.3	14.6	17.4	19.0	23.3	35.6	28.5	34.6	25.0	21.7	21.7	16.9	17.1	20.0	19.0	18.8	25.7	25.0	26.6	19.4	---	**22.1**	**35.6**	**14.6**
20	11.1	9.5	8.9	8.8	4.1	5.0	7.3	3.8	9.0	8.0	5.4	24.7	---	---	---	20.9	10.8	10.6	23.3	21.4	16.1	8.0	9.9	27.6	**12.1**	**27.6**	**3.8**
21	---	19.4	19.8	27.2	14.2	15.3	24.4	9.7	12.0	6.3	7.1	6.8	15.2	8.4	14.9	27.5	9.8	6.4	14.6	9.8	37.9	7.6	18.4	31.4	**15.8**	**37.9**	**6.3**
22	---	9.7	5.8	8.7	6.3	9.5	13.0	10.2	9.7	9.3	9.1	8.4	8.2	13.8	7.7	5.0	6.0	5.1	5.1	5.4	5.5	5.9	6.4	7.4	**7.9**	**13.8**	**5.0**
23	---	9.9	10.8	10.2	13.9	6.6	9.0	9.5	19.9	12.1	13.0	21.2	18.7	18.1	19.9	23.2	17.3	21.5	19.2	14.2	11.5	14.4	8.8	9.5	**14.4**	**23.2**	**6.6**
24	---	24.8	33.2	33.7	23.9	21.3	11.7	9.2	10.8	11.0	12.3	11.9	11.7	10.8	11.6	10.9	12.1	12.0	13.5	13.2	17.7	16.8	17.0	16.8	**16.0**	**33.7**	**9.2**
25	---	12.0	15.9	18.4	13.0	10.9	13.7	9.3	9.1	15.2	16.7	9.3	13.3	8.7	9.3	8.6	8.3	8.4	9.2	18.3	13.6	16.8	19.4	24.7	**13.1**	**24.7**	**8.3**
26	---	42.9	33.8	40.1	44.0	41.1	45.3	39.7	31.6	31.6	20.3	42.3	14.4	14.4	13.9	13.6	20.1	29.6	31.8	27.4	58.4	68.5	14.7	12.3	**31.8**	**68.5**	**12.3**
27	---	13.3	121.7	94.1	37.2	15.6	27.1	21.3	47.0	27.9	25.6	13.9	13.3	11.6	12.5	8.5	16.4	8.2	14.2	49.3	37.1	62.3	22.0	14.3	**31.1**	**121.7**	**8.2**
28	---	15.7	18.5	24.5	26.7	20.0	15.0	15.8	22.4	37.8	41.3	28.1	18.2	13.7	---	8.8	37.7	10.4	10.8	39.4	40.6	28.0	25.3	16.6	**23.4**	**41.3**	**8.8**
29	---	8.7	8.2	11.4	20.8	18.6	25.8	19.3	20.2	12.4	12.4	5.6	4.2	4.1	3.5	4.5	4.9	4.8	6.6	8.2	9.4	17.1	9.6	7.7	**10.8**	**25.8**	**3.5**
30	---	5.8	5.6	4.7	6.4	5.9	5.2	4.5	5.7	5.7	17.4	7.6	25.5	13.4	11.3	7.5	11.4	19.5	20.4	20.4	12.1	24.0	20.4	15.5	**12.0**	**25.5**	**4.5**
31	---	7.4	6.3	9.9	11.3	16.0	17.3	19.5	8.7	7.0	6.9	6.6	12.0	6.8	7.5	8.3	9.2	18.0	12.5	11.8	11.8	15.6	12.4	14.4	**11.2**	**19.5**	**6.3**
MEAN	**---**	**---**	**22.4**	**21.8**	**19.5**	**18.4**	**19.5**	**19.3**	**18.4**	**15.4**	**14.9**	**13.8**	**12.5**	**11.3**	**11.8**	**13.6**	**13.0**	**13.0**	**14.4**	**18.6**	**19.8**	**20.0**	**16.7**	**---**	**16.8**		
MAX	**40.9**	**51.5**	**121.7**	**94.1**	**45.4**	**47.7**	**51.6**	**74.4**	**47.0**	**37.8**	**41.3**	**42.3**	**25.5**	**21.9**	**25.2**	**44.8**	**37.7**	**29.6**	**31.8**	**52.6**	**70.7**	**68.5**	**44.9**	**45.2**		**121.7**	
MIN	**6.6**	**5.8**	**5.4**	**4.7**	**4.1**	**5.0**	**5.2**	**3.8**	**5.7**	**4.8**	**4.9**	**4.9**	**4.2**	**4.1**	**3.5**	**4.5**	**4.6**	**4.8**	**4.8**	**5.1**	**4.6**	**5.3**	**5.5**	**6.8**			**3.5**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 699 DATA RECOVERY RATE = 94.0%

MONTHLY MEAN = 16.8 ppb

MAXIMUM DOWNWIND2 THC PAMS = 121.7 ppb DATE OF OCCURRENCE = 3/27 AT 0300 MAXIMUM DAILY MEAN = 31.8 ppb DATE OF OCCURRENCE = 3/26

MINIMUM DOWNWIND2 THC PAMS = 3.5 ppb DATE OF OCCURRENCE = 3/29 AT 1500 MINUMUM DAILY MEAN = 7.2 ppb DATE OF OCCURRENCE = 3/4

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

APPENDIX C

Wind Information for January through March 2020

C.1 Hourly Average Wind Speed/Direction
C.2 Joint Frequency of Occurrence Distributions of Wind Speeds and Directions
C.3 Hourly Wind Gust

C.1 Hourly Average Wind Speed/Direction

HarmonCreek

Wind Speed and Direction in mps for January, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13
1	274/04.0	261/02.9	268/04.4	266/04.5	263/06.1	258/04.4	255/06.4	257/05.8	253/04.8	250/06.7	250/08.1	253/08.4	256/07.8
2	211/02.2	186/02.5	193/02.7	190/03.1	189/03.2	188/03.3	186/03.3	193/03.3	191/03.1	202/01.9	219/03.4	223/04.3	221/04.2
3	217/02.0	230/02.2	243/01.7	207/01.4	208/01.5	250/01.6	239/01.9	232/02.0	209/01.7	242/01.5	257/01.4	231/01.7	230/02.0
4	249/00.7	244/00.7	235/01.5	249/03.3	302/02.3	279/02.9	287/04.0	276/02.3	282/02.6	293/02.0	294/02.8	300/03.5	307/02.3
5	277/05.7	288/05.6	282/05.2	286/06.4	286/05.1	277/06.0	275/05.2	275/05.9	276/04.5	274/03.8	265/04.4	264/04.8	259/04.0
6	244/05.9	251/05.6	250/04.4	262/05.9	250/04.3	249/04.2	257/05.4	262/06.4	258/05.9	261/06.8	258/07.4	248/07.0	254/06.8
7	223/02.6	205/01.9	207/01.8	152/00.5	192/00.3	086/01.2	201/01.4	074/00.7	160/00.5	049/01.2	170/01.4	119/02.0	158/03.3
8	255/05.7	251/05.9	252/06.0	250/05.4	253/06.0	263/07.6	268/07.8	267/08.1	268/07.5	274/08.7	271/08.2	285/08.0	288/06.5
9	013/00.6	084/01.6	115/01.0	118/00.7	109/02.0	132/02.1	116/03.0	101/02.5	082/03.2	087/03.3	109/03.3	120/02.8	121/02.6
10	186/04.6	197/04.3	211/05.3	212/05.0	218/04.4	209/04.8	214/04.9	230/03.4	211/02.3	215/01.6	191/01.9	205/02.0	224/03.0
11	167/04.3	172/03.8	174/04.5	161/04.2	156/04.5	157/04.6	160/04.9	165/05.6	166/05.1	163/05.3	168/05.4	175/05.5	185/05.7
12	219/06.6	229/08.4	241/11.2	249/12.6	249/11.8	250/10.5	250/08.1	259/07.2	254/06.7	256/05.9	266/04.8	269/04.8	278/04.0
13	058/02.2	043/02.2	068/01.4	110/00.3	171/01.3	202/00.8	220/01.0	207/02.4	220/03.4	240/03.3	254/04.5	247/05.7	247/04.9
14	048/01.8	058/01.2	061/01.3	054/02.2	052/01.6	092/02.4	084/02.9	115/02.6	133/01.5	092/00.8	156/00.7	227/02.3	241/04.6
15	247/02.3	246/01.6	262/01.7	266/01.4	281/00.8	252/00.8	183/01.5	188/00.7	189/00.4	267/00.5	183/02.9	151/01.9	103/01.3
16	261/07.6	271/08.1	272/08.2	287/07.1	280/06.7	275/07.5	279/06.9	279/07.1	272/05.9	274/06.5	264/06.0	273/07.7	275/09.2
17	280/04.9	291/05.3	296/03.5	315/03.8	326/04.3	310/03.6	308/03.0	323/02.5	356/03.6	026/04.0	027/04.4	039/03.8	016/01.8
18	072/03.3	071/01.9	099/03.0	078/05.9	094/04.6	110/03.4	104/03.3	119/02.7	137/02.6	134/02.8	146/02.5	148/03.5	160/03.3
19	252/07.4	263/09.0	262/09.2	261/09.0	271/06.7	265/08.2	258/07.2	259/07.4	262/06.8	257/06.4	255/07.4	265/08.1	268/07.4
20	268/04.1	266/04.2	269/04.5	264/04.0	259/02.9	248/02.3	264/02.6	262/01.4	274/01.1	300/02.0	334/03.2	326/02.8	309/03.4
21	234/00.7	216/00.8	219/00.8	235/01.1	300/01.0	304/00.9	274/00.6	272/00.7	287/01.4	286/02.9	285/02.8	297/02.6	267/03.1
22	211/00.7	207/00.9	205/00.5	221/00.7	226/00.5	173/00.6	224/00.6	177/00.4	188/00.8	182/01.3	196/02.3	215/02.1	212/01.8
23	348/00.7	003/00.4	042/00.3	334/00.3	249/00.3	279/00.4	316/00.4	193/00.4	103/00.5	069/00.6	081/00.6	290/00.4	242/01.0
24	045/01.5	064/02.3	082/02.5	087/03.3	099/02.6	076/02.3	082/02.9	094/02.6	108/03.1	087/03.6	087/04.0	087/03.9	084/04.8
25	083/03.4	093/03.1	115/01.1	201/01.0	222/01.3	225/01.9	222/02.5	238/03.5	244/04.4	245/03.6	251/04.3	243/04.8	248/05.4
26	246/05.0	248/05.8	248/05.6	249/05.2	250/05.4	250/05.5	247/04.7	245/04.7	240/04.5	241/04.9	245/05.6	245/05.3	246/05.5
27	248/05.2	248/04.7	252/04.5	249/04.2	255/03.6	259/03.6	254/03.7	254/03.3	251/03.1	255/03.4	252/03.3	263/03.7	267/04.3
28	282/02.8	287/03.0	281/02.4	262/03.0	264/02.6	269/03.4	273/03.9	268/03.5	266/03.3	268/03.6	264/04.4	274/04.3	274/03.9
29	270/02.1	263/02.3	284/01.1	246/00.9	252/01.0	269/01.9	287/01.5	336/02.2	357/02.2	348/03.1	005/03.2	345/01.9	348/01.6
30	021/01.6	007/01.5	005/01.2	338/00.8	006/01.7	007/02.2	357/01.9	358/01.8	354/01.7	354/01.0	277/00.5	241/01.1	252/02.1
31	286/00.3	057/00.8	146/01.5	059/01.1	096/03.4	084/02.3	103/02.1	013/00.7	001/00.7	052/01.5	031/01.3	125/00.8	026/01.5
MEAN	**256/03.3**	**249/03.4**	**238/03.4**	**243/03.5**	**245/03.4**	**244/03.5**	**244/03.5**	**243/03.4**	**238/03.2**	**261/03.4**	**244/03.7**	**245/03.9**	**252/04.0**
MAX	**261/07.6**	**263/09.0**	**241/11.2**	**249/12.6**	**249/11.8**	**250/10.5**	**250/08.1**	**267/08.1**	**268/07.5**	**274/08.7**	**271/08.2**	**253/08.4**	**275/09.2**
MIN	**286/00.3**	**003/00.4**	**042/00.3**	**334/00.3**	**192/00.3**	**279/00.4**	**316/00.4**	**177/00.4**	**189/00.4**	**267/00.5**	**277/00.5**	**290/00.4**	**242/01.0**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for January, 2020

Hr Beg Hr End Day	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX SPD	MIN SPD
1	257/07.2	254/06.7	250/06.1	242/05.7	227/02.9	207/02.4	193/02.2	198/02.5	193/02.7	190/02.0	192/02.8	**241/04.9**	**253/08.4**	**190/02.0**
2	218/03.6	224/04.4	219/04.2	219/04.6	225/05.3	223/05.6	222/05.7	225/03.9	218/02.8	221/02.7	224/01.8	**210/03.5**	**222/05.7**	**224/01.8**
3	229/02.1	226/02.9	190/02.9	235/01.4	217/01.4	211/01.5	178/01.1	157/01.6	167/01.0	150/01.0	205/01.3	**216/01.7**	**190/02.9**	**150/01.0**
4	309/02.3	299/02.3	294/03.3	292/03.4	293/03.9	286/04.6	284/04.8	280/05.2	279/05.0	287/05.1	293/06.1	**283/03.2**	**293/06.1**	**249/00.7**
5	261/05.3	246/05.1	234/03.4	230/04.5	216/03.2	188/03.5	194/03.3	212/03.1	212/03.3	231/05.2	237/05.9	**253/04.7**	**286/06.4**	**212/03.1**
6	259/06.1	245/06.2	245/06.5	246/05.8	244/04.2	237/04.1	230/03.7	233/03.0	233/03.6	242/04.0	238/03.7	**248/05.3**	**258/07.4**	**233/03.0**
7	167/02.9	198/02.8	201/02.7	219/02.3	239/03.2	221/02.9	221/03.0	228/03.8	234/05.0	243/05.1	249/05.5	**194/02.4**	**249/05.5**	**192/00.3**
8	287/07.1	276/06.2	276/07.4	284/06.0	284/03.6	306/03.0	301/02.9	287/02.2	265/01.1	248/00.7	213/00.6	**270/05.5**	**274/08.7**	**213/00.6**
9	124/03.1	117/03.9	118/04.3	116/04.2	111/03.5	085/02.4	116/03.0	127/03.5	159/04.7	163/04.6	178/04.7	**115/02.9**	**159/04.7**	**013/00.6**
10	226/03.8	207/02.0	190/01.3	157/01.5	153/01.3	143/01.9	154/02.8	164/02.3	168/02.3	165/03.2	166/04.3	**193/03.1**	**211/05.3**	**153/01.3**
11	204/05.5	210/05.6	185/06.7	176/06.7	244/07.5	222/04.2	210/03.2	203/04.0	178/04.8	133/06.3	176/06.1	**179/05.2**	**244/07.5**	**210/03.2**
12	265/03.5	253/02.9	245/04.3	259/02.2	323/01.7	063/02.5	049/01.9	017/01.4	059/02.6	082/03.4	065/02.8	**265/05.5**	**249/12.6**	**017/01.4**
13	245/04.1	246/03.8	252/03.7	263/02.7	281/02.3	313/01.9	356/01.9	014/00.7	272/00.5	157/00.3	021/01.3	**249/02.4**	**247/05.7**	**157/00.3**
14	253/04.8	257/04.8	252/05.7	251/04.7	229/03.2	232/03.9	234/04.3	242/04.6	252/04.4	245/04.0	254/02.7	**207/03.0**	**252/05.7**	**156/00.7**
15	088/02.3	087/02.6	129/01.8	066/01.0	141/01.6	192/01.5	222/03.2	240/04.9	254/05.5	260/07.8	262/09.1	**211/02.5**	**262/09.1**	**189/00.4**
16	281/08.3	278/07.2	278/08.5	279/07.4	274/06.9	283/06.2	277/06.4	277/06.2	288/05.2	288/05.4	282/04.9	**277/07.0**	**275/09.2**	**282/04.9**
17	034/01.3	065/01.1	075/01.1	059/01.7	123/01.7	079/03.1	112/02.1	070/02.4	068/02.6	075/03.2	074/03.7	**025/03.0**	**291/05.3**	**065/01.1**
18	183/03.8	216/05.5	221/06.6	226/07.6	232/08.3	232/07.3	249/08.9	265/10.0	264/08.6	263/08.4	257/06.2	**169/05.2**	**265/10.0**	**071/01.9**
19	265/06.8	268/06.6	275/06.6	273/04.8	274/05.4	268/05.5	267/05.1	266/05.3	264/05.8	263/05.5	265/04.9	**264/06.8**	**262/09.2**	**273/04.8**
20	297/02.9	292/03.5	303/03.3	305/03.3	288/02.4	298/01.6	341/01.4	336/01.4	337/01.4	250/00.8	224/00.8	**288/02.6**	**269/04.5**	**224/00.8**
21	281/02.8	280/02.8	277/02.5	280/02.0	288/01.9	289/01.2	219/00.9	214/01.2	218/00.8	223/00.8	212/01.2	**261/01.6**	**267/03.1**	**274/00.6**
22	235/01.7	239/01.7	223/01.6	176/01.6	155/02.0	157/01.1	225/00.3	163/00.9	170/00.8	114/00.9	120/00.9	**194/01.1**	**196/02.3**	**225/00.3**
23	235/03.3	239/02.3	218/01.0	121/00.4	113/02.2	097/00.9	096/01.9	098/02.7	060/02.1	084/03.7	188/01.7	**095/01.2**	**084/03.7**	**334/00.3**
24	079/04.5	083/04.5	094/05.1	095/05.7	103/04.8	109/04.8	113/04.5	183/05.1	134/04.2	106/03.8	105/02.1	**094/03.7**	**095/05.7**	**045/01.5**
25	251/05.7	249/05.8	245/05.4	241/03.1	236/04.9	240/04.9	234/04.8	233/04.3	235/04.5	243/05.0	241/03.8	**232/03.8**	**249/05.8**	**201/01.0**
26	247/06.0	248/05.9	247/05.4	244/05.2	243/05.9	235/05.0	237/05.6	236/05.1	243/06.3	248/06.7	248/06.0	**245/05.4**	**248/06.7**	**240/04.5**
27	270/04.9	273/04.5	279/04.0	273/03.4	272/02.9	270/03.6	273/02.8	285/03.6	283/03.6	288/03.8	286/03.2	**265/03.8**	**248/05.2**	**273/02.8**
28	272/04.4	269/04.8	268/04.8	267/03.7	258/04.3	257/03.6	270/04.0	270/03.6	265/03.0	267/02.9	270/02.1	**269/03.5**	**269/04.8**	**270/02.1**
29	309/01.6	360/02.9	003/03.0	336/02.4	337/01.8	007/02.2	013/02.9	023/03.1	020/02.7	020/02.6	026/02.8	**334/02.2**	**005/03.2**	**246/00.9**
30	268/02.8	276/02.3	286/02.1	266/01.9	290/01.0	279/01.8	320/01.6	004/00.8	059/00.8	237/00.4	266/00.4	**319/01.5**	**268/02.8**	**266/00.4**
31	020/01.4	066/00.8	031/01.1	016/01.1	352/00.8	354/01.2	348/01.3	344/01.0	341/00.8	352/00.8	332/00.4	**028/01.2**	**096/03.4**	**286/00.3**
MEAN	**255/04.1**	**251/04.0**	**244/04.1**	**248/03.6**	**246/03.4**	**242/03.2**	**239/03.3**	**242/03.3**	**237/03.3**	**226/03.6**	**235/03.3**	**245/03.5**		
MAX	**281/08.3**	**278/07.2**	**278/08.5**	**226/07.6**	**232/08.3**	**232/07.3**	**249/08.9**	**265/10.0**	**264/08.6**	**263/08.4**	**262/09.1**		**249/12.6**	
MIN	**034/01.3**	**066/00.8**	**218/01.0**	**121/00.4**	**352/00.8**	**097/00.9**	**225/00.3**	**014/00.7**	**272/00.5**	**157/00.3**	**266/00.4**			**334/00.3**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 245/03.5 MAXIMUM WIND SPEED = 12.6 AT 249 DEGREES DATE OF OCCURRENCE = 1/12 AT 400

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for February, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13
1	324/00.7	341/00.8	321/01.0	329/01.6	354/02.4	360/02.5	001/01.9	012/01.6	025/01.7	019/01.8	006/01.3	312/00.6	215/00.7
2	256/04.3	261/05.2	260/05.5	255/05.2	249/04.6	241/04.3	234/04.9	223/04.2	202/03.6	209/04.4	221/06.3	236/09.0	243/09.2
3	265/04.9	259/05.1	258/03.8	243/03.6	229/02.1	206/02.0	201/02.4	191/01.7	174/00.9	207/02.5	232/03.8	230/04.6	225/05.3
4	244/05.5	240/06.6	240/08.3	231/06.2	231/05.8	229/05.7	227/05.0	226/04.0	230/04.4	233/03.8	238/04.8	238/04.5	239/04.9
5	014/03.9	012/03.8	014/03.5	002/03.8	357/03.7	358/04.0	008/04.2	019/03.4	025/03.2	028/02.6	043/03.2	044/03.3	041/03.0
6	016/02.0	014/01.2	343/01.1	030/01.2	010/01.2	348/01.0	355/00.9	117/01.6	305/00.4	305/00.8	353/01.6	360/01.3	302/02.5
7	306/02.1	313/02.0	328/02.3	355/02.7	313/02.1	294/04.1	284/04.3	286/05.2	287/05.0	277/04.9	281/04.1	263/05.6	263/06.9
8	243/04.4	244/04.7	243/04.4	247/04.2	242/04.2	244/04.0	230/03.7	204/02.6	213/02.6	231/03.0	228/04.0	232/04.5	235/04.2
9	241/02.0	228/02.1	222/02.0	225/02.0	210/01.8	190/01.5	189/01.7	207/01.3	207/01.4	224/02.1	208/02.6	208/03.5	194/03.5
10	225/06.7	230/06.8	230/06.9	228/06.5	229/06.2	230/05.7	230/05.9	230/05.5	232/06.1	234/05.8	235/04.9	233/05.4	236/05.3
11	358/01.1	328/01.7	321/02.1	320/02.6	324/02.7	327/02.7	300/02.0	306/02.5	314/02.3	329/02.4	310/01.4	163/01.8	273/01.8
12	253/04.4	268/04.2	277/03.1	281/02.7	287/01.3	310/00.7	221/00.9	158/00.5	074/00.4	132/02.0	135/02.7	154/02.4	133/03.2
13	028/02.1	359/02.3	316/01.4	312/01.9	311/02.2	313/01.6	310/01.4	303/01.4	306/01.9	303/02.4	299/02.2	284/02.8	273/03.7
14	301/04.8	302/04.6	310/04.5	304/04.0	322/03.9	327/03.8	322/03.8	315/02.8	304/03.8	297/04.7	294/05.9	288/06.2	286/06.2
15	230/00.2	323/00.3	263/00.4	023/00.3	143/00.8	156/00.8	266/00.2	140/00.5	150/03.3	160/04.1	186/03.8	184/03.6	227/03.8
16	216/02.6	217/02.8	242/03.4	272/02.6	249/02.7	223/03.5	227/02.6	211/02.1	222/02.3	232/03.2	241/03.7	249/04.6	253/04.0
17	---	202/00.8	219/00.8	216/00.9	214/00.6	209/01.2	256/00.5	005/00.2	029/00.4	360/00.7	098/03.1	099/03.0	088/02.5
18	123/04.5	135/03.9	151/05.1	164/04.1	199/05.0	199/04.9	210/05.7	224/06.2	223/05.8	227/05.7	225/04.7	227/05.0	230/04.8
19	287/03.7	287/03.2	283/03.5	273/02.3	280/02.7	286/03.0	290/02.8	270/01.9	280/02.8	292/04.2	281/04.3	290/04.6	283/04.4
20	254/00.7	250/00.8	308/00.8	269/00.4	219/01.0	226/00.9	213/00.9	288/00.7	304/01.0	354/02.2	329/01.9	306/02.6	308/02.9
21	292/00.7	264/00.7	214/01.0	221/01.4	205/01.0	205/01.2	212/01.5	210/01.4	223/01.8	263/01.5	256/02.0	235/02.8	235/03.8
22	227/03.5	216/03.5	221/03.8	231/03.6	231/03.8	230/04.4	223/03.9	226/04.1	228/05.3	238/05.4	240/05.4	231/05.4	246/06.1
23	204/02.2	191/02.2	187/02.7	189/02.3	187/02.3	189/01.9	189/01.8	185/02.4	208/03.0	225/03.8	233/04.4	230/06.1	236/05.7
24	190/02.3	199/02.2	210/02.1	210/02.9	202/02.5	194/02.3	200/02.4	215/02.7	207/02.0	230/03.3	239/04.0	236/04.5	232/05.1
25	091/02.4	318/01.4	336/01.1	284/00.5	353/01.3	273/00.7	284/00.7	356/01.6	013/01.5	094/01.0	157/00.9	046/01.5	040/02.1
26	357/01.0	034/00.5	133/01.0	315/00.6	221/01.6	228/03.5	233/03.9	228/03.1	229/02.8	232/03.1	241/02.8	235/01.8	270/01.6
27	271/07.4	273/08.7	275/07.5	267/08.1	268/07.3	262/07.4	270/08.4	267/07.2	273/08.6	272/07.7	270/08.2	268/08.2	259/06.4
28	263/05.8	274/04.2	282/03.3	270/04.2	276/04.0	275/03.6	274/02.9	259/03.3	257/04.6	272/06.0	253/07.2	258/06.6	254/06.8
29	271/05.9	271/05.8	261/05.1	255/05.0	254/05.2	254/05.1	250/04.6	247/05.2	255/06.0	265/06.7	272/07.9	272/07.0	267/07.4
MEAN	**269/03.3**	**272/03.2**	**266/03.1**	**268/03.0**	**255/03.0**	**250/03.0**	**250/03.0**	**242/02.8**	**253/03.1**	**258/03.5**	**252/03.9**	**247/04.2**	**251/04.4**
MAX	**271/07.4**	**273/08.7**	**240/08.3**	**267/08.1**	**268/07.3**	**262/07.4**	**270/08.4**	**267/07.2**	**273/08.6**	**272/07.7**	**270/08.2**	**236/09.0**	**243/09.2**
MIN	**230/00.2**	**323/00.3**	**263/00.4**	**023/00.3**	**214/00.6**	**310/00.7**	**266/00.2**	**005/00.2**	**074/00.4**	**360/00.7**	**157/00.9**	**312/00.6**	**215/00.7**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for February, 2020

Hr Beg Hr End Day	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX SPD	MIN SPD
1	267/02.2	270/02.5	257/02.8	246/02.4	223/02.6	229/02.8	243/03.3	242/03.0	235/03.9	239/04.3	246/04.7	**295/02.2**	**246/04.7**	**312/00.6**
2	245/11.0	248/10.7	256/10.4	259/09.3	256/06.4	256/05.6	264/06.5	264/06.8	269/07.1	270/06.0	275/06.1	**248/06.5**	**245/11.0**	**202/03.6**
3	229/04.8	226/04.8	223/05.1	218/03.5	222/04.1	218/03.3	213/02.9	216/03.4	217/03.2	226/02.2	234/05.0	**223/03.5**	**225/05.3**	**174/00.9**
4	237/04.5	239/04.2	244/03.5	324/03.8	343/04.2	356/04.5	345/04.3	348/04.5	357/05.3	016/04.9	018/04.0	**264/04.9**	**240/08.3**	**244/03.5**
5	041/03.7	051/04.1	062/04.6	066/04.1	060/04.1	056/04.4	068/04.8	066/04.5	074/04.3	014/03.9	048/03.3	**035/03.8**	**068/04.8**	**028/02.6**
6	342/02.4	058/02.7	089/03.6	320/03.6	292/02.5	310/02.4	304/02.0	305/03.1	298/02.0	291/02.4	292/02.2	**338/01.9**	**320/03.6**	**305/00.4**
7	265/06.4	271/06.5	270/07.1	272/06.7	272/05.6	274/04.9	269/05.1	267/04.8	257/04.0	255/04.8	246/04.2	**281/04.6**	**270/07.1**	**313/02.0**
8	227/03.5	227/02.9	227/02.7	190/01.3	163/01.4	143/01.3	162/01.2	173/00.6	202/01.3	225/02.4	235/02.1	**219/03.0**	**244/04.7**	**173/00.6**
9	201/04.5	215/03.5	188/02.9	167/02.1	159/02.8	143/04.1	149/03.7	120/02.9	171/03.2	193/03.3	206/04.4	**195/02.7**	**201/04.5**	**207/01.3**
10	237/05.1	238/03.9	275/03.7	001/03.0	024/02.7	022/02.5	033/01.9	028/01.7	019/01.5	013/01.0	304/00.9	**259/04.4**	**230/06.9**	**304/00.9**
11	270/02.5	269/03.5	278/03.6	274/04.2	262/03.0	248/02.9	242/03.2	249/04.0	259/04.9	258/04.8	250/03.7	**287/02.8**	**259/04.9**	**358/01.1**
12	141/02.5	178/02.1	169/02.6	152/02.6	122/02.4	071/02.4	072/02.9	045/02.0	052/04.2	062/03.7	063/03.1	**134/02.5**	**253/04.4**	**074/00.4**
13	283/04.2	273/04.5	271/05.7	271/05.6	260/04.7	257/04.9	254/06.0	252/05.3	258/06.1	294/05.7	292/05.2	**292/03.5**	**258/06.1**	**316/01.4**
14	297/05.2	297/04.9	303/04.0	303/03.8	308/03.6	296/02.4	307/01.6	320/01.2	248/00.5	198/00.5	258/00.3	**298/03.6**	**288/06.2**	**258/00.3**
15	188/03.7	187/04.0	183/04.4	188/04.1	197/03.2	209/03.2	194/03.0	192/03.0	202/02.7	208/02.4	226/01.8	**196/02.4**	**183/04.4**	**266/00.2**
16	267/03.8	257/03.7	259/03.9	232/02.4	234/02.9	257/01.8	212/01.1	191/01.6	205/01.3	219/00.9	221/00.8	**234/02.7**	**249/04.6**	**221/00.8**
17	089/03.3	084/03.1	084/03.6	083/04.1	078/03.4	074/03.7	074/03.9	075/03.9	080/04.2	095/03.8	113/04.9	**094/02.5**	**113/04.9**	**005/00.2**
18	235/04.2	244/02.6	237/02.7	256/03.0	278/06.0	271/03.2	278/03.2	285/05.4	292/04.5	290/03.3	289/03.1	**233/04.4**	**224/06.2**	**244/02.6**
19	290/05.5	286/04.7	284/05.5	290/04.8	286/04.4	297/02.3	288/02.3	282/01.7	314/02.1	316/01.4	255/00.4	**286/03.3**	**284/05.5**	**255/00.4**
20	302/03.3	305/04.1	331/03.8	310/03.6	316/03.1	311/02.6	341/03.2	349/02.4	338/02.0	325/02.1	316/01.4	**302/02.0**	**305/04.1**	**269/00.4**
21	252/04.1	242/04.5	251/04.7	242/04.7	249/04.4	240/03.2	225/03.5	223/03.4	231/03.4	228/04.1	231/03.6	**235/02.7**	**251/04.7**	**292/00.7**
22	239/05.9	239/06.1	240/06.0	238/05.4	240/04.1	220/03.2	212/03.0	204/02.5	223/02.9	225/03.4	205/02.8	**228/04.3**	**239/06.1**	**204/02.5**
23	234/05.8	234/04.6	244/04.2	231/05.0	230/04.2	223/04.2	220/03.3	214/02.2	211/02.1	217/02.7	210/02.5	**213/03.4**	**230/06.1**	**189/01.8**
24	234/04.6	197/03.1	226/04.5	225/02.3	224/01.5	249/01.3	344/00.9	079/01.8	035/01.8	295/00.8	157/01.8	**218/02.6**	**232/05.1**	**295/00.8**
25	047/02.4	359/02.0	031/02.5	048/02.6	037/01.7	002/01.2	016/02.0	024/01.6	029/01.4	339/00.7	308/01.0	**009/01.5**	**048/02.6**	**284/00.5**
26	266/01.9	275/01.1	321/01.5	326/02.1	023/01.6	306/02.7	259/05.9	251/07.2	254/07.0	263/08.6	271/07.7	**266/03.1**	**263/08.6**	**034/00.5**
27	260/07.9	260/08.9	259/09.2	261/07.9	252/07.2	253/06.5	250/06.4	257/08.6	261/07.7	253/06.8	260/07.9	**263/07.7**	**259/09.2**	**250/06.4**
28	254/07.7	253/08.7	258/08.8	268/07.9	269/07.1	265/06.7	263/06.1	266/05.0	267/06.5	272/06.2	273/05.6	**266/05.8**	**258/08.8**	**274/02.9**
29	269/07.9	273/08.1	273/07.7	274/07.2	273/07.0	267/05.9	261/05.2	254/04.0	256/03.8	247/03.3	237/02.7	**262/05.8**	**273/08.1**	**237/02.7**
MEAN	**255/04.7**	**252/04.5**	**255/04.7**	**261/04.2**	**261/03.8**	**267/03.5**	**262/03.5**	**259/03.5**	**261/03.6**	**264/03.5**	**255/03.4**	**257/03.6**		
MAX	**245/11.0**	**248/10.7**	**256/10.4**	**259/09.3**	**252/07.2**	**265/06.7**	**264/06.5**	**257/08.6**	**261/07.7**	**263/08.6**	**260/07.9**		**245/11.0**	
MIN	**266/01.9**	**275/01.1**	**321/01.5**	**190/01.3**	**163/01.4**	**002/01.2**	**344/00.9**	**173/00.6**	**248/00.5**	**198/00.5**	**258/00.3**			**005/00.2**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 695 DATA RECOVERY RATE = 99.9%

MONTHLY MEAN = 257/03.6 MAXIMUM WIND SPEED = 11.0 AT 245 DEGREES DATE OF OCCURRENCE = 2/2 AT 1400

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for March, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13
1	231/02.5	222/02.5	210/02.2	209/02.6	213/02.7	197/02.3	181/01.7	188/01.7	207/02.3	230/03.0	222/03.8	223/03.9	216/04.1
2	220/04.3	223/03.8	226/04.8	230/05.5	226/05.4	224/05.0	218/04.5	214/03.8	217/04.8	223/05.8	227/06.8	228/07.2	225/07.6
3	215/03.0	217/02.9	191/02.4	200/01.8	200/02.1	172/02.4	182/02.2	297/01.9	173/01.2	174/02.1	175/02.7	199/02.9	230/04.4
4	265/06.3	255/05.3	249/05.0	256/04.9	240/03.9	224/03.7	228/04.1	214/03.0	222/03.4	233/04.6	239/06.1	240/07.3	240/07.0
5	226/02.2	219/01.6	214/01.5	200/01.0	213/01.0	216/01.0	307/00.5	187/00.2	078/00.6	105/02.7	108/03.2	157/03.8	168/03.8
6	215/00.9	204/00.7	282/01.8	215/01.4	208/01.9	235/02.5	248/03.0	247/02.5	258/03.5	268/04.5	280/05.2	273/05.6	271/06.1
7	314/04.5	304/03.9	311/04.1	307/03.6	309/04.0	317/04.1	307/03.3	292/03.5	303/03.6	302/03.6	302/03.7	277/03.9	297/03.2
8	220/02.5	216/03.3	205/02.0	190/02.3	200/02.5	193/02.4	189/02.2	204/02.8	225/03.4	232/03.6	233/04.5	225/03.9	218/03.9
9	203/02.9	222/03.5	225/04.2	225/04.3	226/04.5	228/04.9	227/05.0	229/05.6	229/06.0	231/06.7	238/06.9	241/06.7	240/06.9
10	219/04.5	213/05.8	221/06.2	208/05.4	195/04.7	207/04.7	216/05.5	219/06.5	220/06.4	223/06.2	223/05.7	229/06.1	236/06.8
11	040/02.2	132/01.9	155/01.8	096/02.3	102/01.4	153/01.6	147/01.4	156/01.4	093/01.8	070/02.2	118/01.0	103/01.0	056/00.7
12	193/01.3	239/00.7	190/00.6	210/00.5	147/00.5	192/00.9	146/01.2	123/01.4	180/00.9	238/01.1	211/02.5	186/02.8	220/02.8
13	178/03.9	189/04.0	189/04.0	208/04.1	241/05.6	262/06.6	264/07.3	258/06.4	267/09.1	279/08.3	269/08.5	268/09.1	268/09.0
14	275/04.1	290/03.8	290/02.6	281/02.4	296/01.9	298/00.5	216/01.1	248/00.9	357/02.1	014/01.8	342/01.6	052/01.4	324/00.9
15	021/03.7	013/02.9	002/03.1	013/03.5	004/03.1	002/03.2	011/03.5	026/02.9	019/03.4	030/03.1	041/03.2	030/02.7	028/03.1
16	340/00.5	281/00.6	344/00.8	018/00.5	052/01.1	072/01.8	091/02.7	086/02.6	114/03.3	115/04.3	123/04.4	156/02.8	157/03.8
17	219/02.8	221/03.0	226/03.5	241/02.4	253/03.2	253/02.6	257/02.2	255/03.4	246/03.2	258/03.4	268/03.5	277/03.8	285/03.8
18	248/00.8	189/00.6	173/00.7	187/00.6	104/00.5	269/00.8	098/02.4	095/02.0	094/03.6	109/04.7	109/04.5	101/05.0	122/05.2
19	225/03.1	226/03.1	237/02.3	250/03.4	255/04.2	259/04.0	268/04.1	265/03.3	284/03.4	285/02.8	247/01.9	218/02.2	226/02.5
20	228/06.5	231/07.5	234/06.2	244/04.5	239/05.2	227/05.6	252/07.3	230/06.4	216/05.1	226/07.3	239/10.0	252/10.2	250/09.8
21	353/05.7	345/04.8	347/04.2	353/04.3	348/04.0	360/04.3	338/03.2	333/02.9	354/03.5	354/03.6	355/03.4	006/03.0	028/02.6
22	009/03.1	012/03.2	022/01.9	014/01.4	034/02.5	028/02.4	029/02.1	044/02.3	059/02.5	092/03.1	100/04.4	093/04.6	100/04.3
23	094/03.8	115/03.4	119/03.3	117/04.0	116/04.0	113/04.1	116/04.0	121/04.0	135/02.3	340/00.5	104/02.0	121/02.4	129/01.3
24	306/01.4	285/01.9	316/02.1	320/01.5	316/01.4	329/01.2	330/00.9	079/00.8	204/01.0	103/01.8	149/01.7	059/02.2	082/02.4
25	046/02.8	049/02.7	049/03.3	048/03.1	050/03.4	061/04.0	061/03.8	063/04.2	071/04.3	068/04.6	070/03.8	073/03.0	094/02.1
26	196/02.1	200/02.2	196/02.0	186/02.3	183/02.0	197/01.8	180/02.3	189/02.5	199/02.9	221/03.9	199/04.5	229/04.8	226/04.5
27	032/02.9	028/02.3	009/01.5	350/02.0	351/01.4	310/01.0	248/00.7	272/01.2	354/02.2	352/02.4	335/01.8	347/01.4	334/01.0
28	047/03.2	083/03.5	094/03.3	118/03.1	051/02.9	109/03.8	131/02.8	161/02.1	187/01.8	229/02.7	238/02.0	230/03.7	254/05.1
29	169/04.2	173/03.2	168/02.8	191/02.8	180/03.4	204/04.2	200/04.6	181/05.5	216/07.5	221/08.3	222/08.5	224/09.4	231/11.5
30	249/05.0	244/04.9	240/05.8	239/06.4	236/06.8	241/07.9	243/08.3	248/09.2	255/08.8	275/07.2	269/06.7	266/06.8	266/08.2
31	287/03.5	294/01.9	268/01.3	282/01.2	283/00.9	213/00.8	235/00.7	269/00.3	041/01.4	075/02.2	063/02.4	072/02.4	069/03.3
MEAN	**245/03.2**	**232/03.1**	**232/02.9**	**232/02.9**	**231/03.0**	**230/03.1**	**221/03.2**	**216/03.1**	**213/03.5**	**243/03.9**	**221/04.2**	**218/04.4**	**233/04.6**
MAX	**228/06.5**	**231/07.5**	**221/06.2**	**239/06.4**	**236/06.8**	**241/07.9**	**243/08.3**	**248/09.2**	**267/09.1**	**279/08.3**	**239/10.0**	**252/10.2**	**231/11.5**
MIN	**340/00.5**	**189/00.6**	**190/00.6**	**018/00.5**	**104/00.5**	**298/00.5**	**307/00.5**	**187/00.2**	**078/00.6**	**340/00.5**	**118/01.0**	**103/01.0**	**056/00.7**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for March, 2020

Hr Beg Hr End Day	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX SPD	MIN SPD
1	224/04.7	219/04.4	213/04.6	215/04.3	206/03.4	170/03.6	169/02.9	180/02.6	184/02.5	202/02.2	208/03.1	**206/03.1**	**224/04.7**	**181/01.7**
2	223/05.5	209/03.8	212/02.9	205/02.4	215/03.4	223/03.3	232/03.0	231/03.3	226/03.3	222/03.8	223/03.4	**222/04.5**	**225/07.6**	**205/02.4**
3	232/06.0	231/06.3	237/07.1	268/08.7	279/06.9	262/05.9	250/04.7	254/06.8	257/07.4	267/07.7	266/06.9	**226/04.4**	**268/08.7**	**173/01.2**
4	255/08.7	274/08.5	264/04.8	253/04.0	303/04.4	295/03.8	312/03.0	304/02.3	321/02.1	279/01.9	256/02.3	**258/04.6**	**255/08.7**	**279/01.9**
5	189/02.8	165/02.0	172/02.4	141/02.2	115/02.3	089/02.1	092/01.0	209/00.9	203/01.0	248/00.6	226/00.8	**178/01.7**	**168/03.8**	**187/00.2**
6	276/05.6	287/05.6	300/04.9	287/05.7	304/05.7	307/05.2	307/04.2	314/04.1	309/04.5	300/04.6	311/04.8	**272/03.9**	**271/06.1**	**204/00.7**
7	275/03.3	272/03.9	273/02.7	271/03.2	253/02.9	246/02.3	215/01.9	207/01.2	209/01.1	208/01.4	207/01.8	**276/03.1**	**314/04.5**	**209/01.1**
8	227/04.3	215/04.4	224/04.8	228/04.8	221/04.4	215/03.2	205/02.3	192/02.1	194/02.8	185/02.4	193/02.6	**210/03.2**	**224/04.8**	**205/02.0**
9	239/07.4	243/06.2	239/05.2	222/04.4	227/03.7	203/02.1	188/02.7	184/02.7	178/02.5	182/02.2	182/02.8	**219/04.6**	**239/07.4**	**203/02.1**
10	254/06.9	276/05.1	294/05.2	291/04.9	315/03.7	318/03.4	331/02.7	345/03.1	339/02.9	323/02.6	004/02.2	**256/04.9**	**254/06.9**	**004/02.2**
11	073/01.9	165/01.2	184/01.6	218/01.3	168/00.8	094/00.8	152/01.3	175/01.0	161/00.4	190/00.4	199/00.9	**135/01.4**	**096/02.3**	**161/00.4**
12	138/01.4	165/02.0	162/02.2	148/01.8	126/02.3	140/02.8	133/03.3	176/03.2	176/05.1	173/04.9	170/03.9	**174/02.1**	**176/05.1**	**210/00.5**
13	264/08.6	268/09.3	270/09.4	267/07.9	271/07.5	269/06.5	272/05.9	273/05.3	278/03.8	256/03.9	256/04.1	**256/06.6**	**270/09.4**	**278/03.8**
14	290/01.0	276/00.8	340/00.8	352/01.9	059/02.9	354/01.5	344/00.9	029/02.3	018/03.4	024/03.4	024/03.7	**331/02.0**	**275/04.1**	**298/00.5**
15	033/02.8	026/03.1	026/02.8	029/02.0	100/01.7	223/01.1	217/01.1	337/02.0	338/02.4	341/02.1	335/01.4	**013/02.7**	**021/03.7**	**217/01.1**
16	156/03.4	171/02.8	153/03.8	158/03.7	133/02.6	128/02.4	128/01.9	147/01.7	225/00.5	183/01.1	197/02.1	**132/02.3**	**123/04.4**	**018/00.5**
17	281/04.0	284/04.1	266/03.7	285/03.3	277/03.0	263/02.5	271/03.1	276/02.3	281/02.7	298/02.2	305/02.0	**265/03.1**	**284/04.1**	**305/02.0**
18	138/04.4	150/04.3	125/03.3	111/02.8	106/03.6	106/04.1	108/04.0	120/04.2	153/04.6	212/05.4	227/04.2	**135/03.2**	**212/05.4**	**104/00.5**
19	219/02.6	217/02.3	217/03.2	193/02.0	165/02.3	141/03.2	153/04.4	208/04.6	210/04.5	226/04.7	223/06.0	**227/03.3**	**223/06.0**	**247/01.9**
20	255/10.0	279/08.1	255/06.3	260/04.6	291/05.8	332/05.4	324/05.5	333/05.3	314/04.3	315/04.1	358/05.9	**263/06.5**	**252/10.2**	**315/04.1**
21	358/01.9	321/02.1	307/02.0	308/01.9	311/02.5	321/02.9	312/02.2	306/02.1	304/02.2	331/02.6	350/02.9	**338/03.1**	**353/05.7**	**358/01.9**
22	102/04.5	118/04.7	100/04.6	098/04.4	101/04.6	098/03.6	106/04.0	131/05.3	108/04.8	110/04.8	110/04.8	**078/03.7**	**131/05.3**	**014/01.4**
23	184/01.2	242/01.7	276/03.0	273/04.2	274/04.7	281/05.3	291/04.4	301/03.4	306/03.2	295/02.1	291/02.1	**165/03.1**	**281/05.3**	**340/00.5**
24	072/03.0	070/03.8	063/03.6	055/03.9	049/04.4	049/03.6	036/02.7	042/03.0	039/02.9	043/03.0	055/03.1	**037/02.4**	**049/04.4**	**079/00.8**
25	071/02.1	030/01.3	043/01.7	302/00.9	167/01.6	145/02.5	152/02.9	162/03.3	185/02.0	194/01.8	179/01.9	**082/02.8**	**068/04.6**	**302/00.9**
26	240/05.1	241/05.5	248/05.1	243/04.1	268/02.1	175/01.2	077/01.7	333/02.2	352/02.5	012/03.8	040/03.2	**215/03.1**	**241/05.5**	**175/01.2**
27	030/01.9	037/03.1	037/02.8	032/01.7	045/02.1	046/02.1	050/02.2	031/02.0	014/01.2	064/02.2	061/02.0	**012/01.9**	**037/03.1**	**248/00.7**
28	243/04.9	251/05.5	281/03.3	231/01.9	215/03.2	183/02.2	207/01.6	217/01.8	141/02.4	270/03.7	155/04.3	**192/03.1**	**251/05.5**	**207/01.6**
29	241/13.0	239/12.8	243/12.7	247/12.2	249/11.9	256/09.5	266/09.0	265/06.6	261/05.5	257/04.8	253/04.5	**224/07.4**	**241/13.0**	**191/02.8**
30	256/08.0	255/08.0	267/07.3	259/06.7	261/06.2	257/04.8	259/04.2	262/04.0	267/03.4	272/03.4	266/03.0	**256/06.3**	**248/09.2**	**266/03.0**
31	055/03.8	054/04.3	056/03.4	050/03.0	028/02.2	012/02.2	018/02.4	028/03.1	035/03.0	045/01.9	023/01.5	**019/02.2**	**054/04.3**	**269/00.3**
MEAN	**234/04.7**	**241/04.5**	**250/04.2**	**250/03.9**	**236/03.8**	**228/03.4**	**227/03.1**	**250/03.2**	**254/03.1**	**257/03.1**	**246/03.2**	**235/03.6**		
MAX	**241/13.0**	**239/12.8**	**243/12.7**	**247/12.2**	**249/11.9**	**256/09.5**	**266/09.0**	**254/06.8**	**257/07.4**	**267/07.7**	**266/06.9**		**241/13.0**	
MIN	**290/01.0**	**276/00.8**	**340/00.8**	**302/00.9**	**168/00.8**	**094/00.8**	**344/00.9**	**209/00.9**	**161/00.4**	**190/00.4**	**226/00.8**			**187/00.2**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 235/03.6 MAXIMUM WIND SPEED = 13.0 AT 241 DEGREES DATE OF OCCURRENCE = 3/29 AT 1400

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

C.2 Joint Frequency of Occurrence Distributions of Wind Speeds and Directions

HarmonCreek

Joint Frequency Distribution for January, 2020

Percentage frequency of occurence of hourly wind velocities for all stability classes

Wind Direction		Wind Speed (mps) OVER 0.5	1.54 - 3.09	3.09 - 5.14	5.14 - 8.23	8.23 - 10.8	OVER 10.8	TOTAL	AVG SPEED
N	348.75 - 11.25	1.1	1.3	0.3	0.0	0.0	0.0	**2.7**	**1.8**
NNE	11.25 - 33.75	1.5	0.8	0.4	0.0	0.0	0.0	**2.7**	**1.9**
NE	33.75 - 56.25	0.4	0.7	0.1	0.0	0.0	0.0	**1.2**	**2.0**
ENE	56.25 - 78.75	1.6	1.5	0.4	0.1	0.0	0.0	**3.6**	**2.0**
E	78.75 - 101.25	0.5	2.2	2.2	0.1	0.0	0.0	**5.0**	**3.0**
ESE	101.25 - 123.75	0.9	1.7	1.6	0.0	0.0	0.0	**4.3**	**2.6**
SE	123.75 - 146.25	0.4	0.9	0.4	0.1	0.0	0.0	**1.9**	**2.6**
SSE	146.25 - 168.75	1.2	0.9	1.6	0.5	0.0	0.0	**4.3**	**3.0**
S	168.75 - 191.25	1.3	1.2	1.5	0.7	0.0	0.0	**4.7**	**3.1**
SSW	191.25 - 213.75	1.6	2.7	1.1	0.4	0.0	0.0	**5.8**	**2.5**
SW	213.75 - 236.25	2.4	3.2	4.2	1.2	0.3	0.0	**11.3**	**3.2**
WSW	236.25 - 258.75	1.5	1.5	7.4	8.3	0.4	0.4	**19.5**	**4.9**
W	258.75 - 281.25	1.1	3.8	5.8	6.5	1.5	0.0	**18.5**	**4.9**
WNW	281.25 - 303.75	0.8	2.4	2.4	1.7	0.0	0.0	**7.4**	**3.7**
NW	303.75 - 326.25	0.1	1.3	0.7	0.0	0.0	0.0	**2.2**	**2.6**
NNW	326.25 - 348.75	1.1	0.7	0.3	0.0	0.0	0.0	**2.0**	**1.7**
	CALM							**3.0**	
	TOTAL	**17.6**	**26.9**	**30.2**	**19.8**	**2.2**	**0.4**	**100.0**	**3.6**

TOTAL NUMBER OF OBSERVATIONS = 744

POSSIBLE NUMBER OF OBSERVATIONS = 744

DATA RECOVERY = 100.0%

HarmonCreek

Joint Frequency Distribution for February, 2020

Percentage frequency of occurence of hourly wind velocities for all stability classes

Wind Direction		Wind Speed (mps) OVER 0.5	1.54 - 3.09	3.09 - 5.14	5.14 - 8.23	8.23 - 10.8	OVER 10.8	TOTAL	AVG SPEED
N	348.75 - 11.25	1.3	1.4	0.7	0.1	0.0	0.0	**3.6**	**2.3**
NNE	11.25 - 33.75	1.0	2.0	1.2	0.0	0.0	0.0	**4.2**	**2.3**
NE	33.75 - 56.25	0.1	1.0	1.0	0.0	0.0	0.0	**2.2**	**2.9**
ENE	56.25 - 78.75	0.0	0.4	1.7	0.0	0.0	0.0	**2.2**	**3.8**
E	78.75 - 101.25	0.1	0.7	1.0	0.0	0.0	0.0	**1.9**	**3.0**
ESE	101.25 - 123.75	0.0	0.4	0.3	0.0	0.0	0.0	**0.7**	**3.3**
SE	123.75 - 146.25	0.4	0.4	0.4	0.0	0.0	0.0	**1.3**	**2.4**
SSE	146.25 - 168.75	0.7	0.9	0.7	0.0	0.0	0.0	**2.3**	**2.4**
S	168.75 - 191.25	0.6	1.9	1.0	0.0	0.0	0.0	**3.5**	**2.5**
SSW	191.25 - 213.75	2.0	4.0	1.7	0.1	0.0	0.0	**7.9**	**2.5**
SW	213.75 - 236.25	1.6	4.5	9.1	3.6	0.1	0.0	**18.8**	**3.8**
WSW	236.25 - 258.75	0.6	1.9	7.6	4.0	1.0	0.1	**15.3**	**4.8**
W	258.75 - 281.25	0.6	2.0	4.0	7.9	1.0	0.0	**15.5**	**5.5**
WNW	281.25 - 303.75	1.2	2.2	3.5	1.4	0.0	0.0	**8.2**	**3.5**
NW	303.75 - 326.25	2.4	3.5	1.6	0.0	0.0	0.0	**7.5**	**2.2**
NNW	326.25 - 348.75	0.9	1.3	0.9	0.0	0.0	0.0	**3.0**	**2.3**
	CALM							**2.0**	
	TOTAL	**13.5**	**28.5**	**36.4**	**17.3**	**2.2**	**0.1**	**100.0**	**3.7**

TOTAL NUMBER OF OBSERVATIONS = 695

POSSIBLE NUMBER OF OBSERVATIONS = 696

DATA RECOVERY = 99.9%

HarmonCreek

Joint Frequency Distribution for March, 2020

Percentage frequency of occurence of hourly wind velocities for all stability classes

Wind Direction		Wind Speed (mps) OVER 0.5	1.54 - 3.09	3.09 - 5.14	5.14 - 8.23	8.23 - 10.8	OVER 10.8	TOTAL	AVG SPEED
N	348.75 - 11.25	0.4	1.5	1.2	0.3	0.0	0.0	**3.4**	**3.0**
NNE	11.25 - 33.75	0.5	3.0	1.3	0.0	0.0	0.0	**4.8**	**2.6**
NE	33.75 - 56.25	0.5	2.7	1.5	0.0	0.0	0.0	**4.7**	**2.7**
ENE	56.25 - 78.75	0.1	2.0	1.3	0.0	0.0	0.0	**3.5**	**2.8**
E	78.75 - 101.25	0.4	1.3	1.5	0.0	0.0	0.0	**3.2**	**2.8**
ESE	101.25 - 123.75	0.5	0.8	3.6	0.1	0.0	0.0	**5.1**	**3.6**
SE	123.75 - 146.25	0.4	1.5	0.5	0.1	0.0	0.0	**2.6**	**2.6**
SSE	146.25 - 168.75	0.8	1.9	1.5	0.0	0.0	0.0	**4.2**	**2.6**
S	168.75 - 191.25	1.3	4.3	1.5	0.1	0.0	0.0	**7.3**	**2.5**
SSW	191.25 - 213.75	1.9	4.6	1.6	0.4	0.0	0.0	**8.5**	**2.5**
SW	213.75 - 236.25	1.5	3.0	7.4	4.0	0.4	0.1	**16.4**	**4.2**
WSW	236.25 - 258.75	0.8	1.6	3.2	3.6	1.2	0.7	**11.2**	**5.5**
W	258.75 - 281.25	0.7	1.3	3.5	3.6	1.5	0.0	**10.6**	**5.2**
WNW	281.25 - 303.75	0.5	1.3	2.4	0.7	0.0	0.0	**5.0**	**3.3**
NW	303.75 - 326.25	0.5	2.0	2.2	0.3	0.0	0.0	**5.0**	**3.0**
NNW	326.25 - 348.75	1.1	1.3	0.7	0.3	0.0	0.0	**3.4**	**2.5**
	CALM							**1.3**	
	TOTAL	**12.1**	**34.1**	**34.9**	**13.6**	**3.1**	**0.8**	**100.0**	**3.6**

TOTAL NUMBER OF OBSERVATIONS = 744

POSSIBLE NUMBER OF OBSERVATIONS = 744

DATA RECOVERY = 100.0%

HarmonCreek

10M Joint Frequency Distribution for January - March 2020

Percentage frequency of occurence of hourly wind velocities for all stability classes

Wind Direction		Wind Speed (mps) OVER 0.5	1.54 - 3.09	3.09 - 5.14	5.14 - 8.23	8.23 - 10.8	OVER 10.8	TOTAL	AVG SPEED
N	348.75 - 11.25	0.9	1.4	0.7	0.1	0.0	0.0	**3.2**	**2.4**
NNE	11.25 - 33.75	1.0	1.9	1.0	0.0	0.0	0.0	**3.9**	**2.3**
NE	33.75 - 56.25	0.4	1.5	0.9	0.0	0.0	0.0	**2.7**	**2.7**
ENE	56.25 - 78.75	0.6	1.3	1.1	0.0	0.0	0.0	**3.1**	**2.7**
E	78.75 - 101.25	0.4	1.4	1.6	0.0	0.0	0.0	**3.4**	**3.0**
ESE	101.25 - 123.75	0.5	1.0	1.9	0.0	0.0	0.0	**3.4**	**3.1**
SE	123.75 - 146.25	0.4	1.0	0.5	0.1	0.0	0.0	**1.9**	**2.6**
SSE	146.25 - 168.75	0.9	1.2	1.3	0.2	0.0	0.0	**3.6**	**2.7**
S	168.75 - 191.25	1.1	2.5	1.3	0.3	0.0	0.0	**5.2**	**2.7**
SSW	191.25 - 213.75	1.8	3.8	1.5	0.3	0.0	0.0	**7.4**	**2.5**
SW	213.75 - 236.25	1.8	3.5	6.8	2.9	0.3	0.0	**15.4**	**3.8**
WSW	236.25 - 258.75	1.0	1.6	6.0	5.4	0.9	0.4	**15.3**	**5.0**
W	258.75 - 281.25	0.8	2.4	4.4	6.0	1.3	0.0	**14.9**	**5.1**
WNW	281.25 - 303.75	0.8	2.0	2.7	1.3	0.0	0.0	**6.8**	**3.5**
NW	303.75 - 326.25	1.0	2.2	1.5	0.1	0.0	0.0	**4.8**	**2.6**
NNW	326.25 - 348.75	1.0	1.1	0.6	0.1	0.0	0.0	**2.8**	**2.2**
	CALM							**2.1**	
	TOTAL	**14.4**	**29.9**	**33.8**	**16.9**	**2.5**	**0.5**	**100.0**	**3.6**

TOTAL NUMBER OF OBSERVATIONS = 2183

POSSIBLE NUMBER OF OBSERVATIONS = 2184

DATA RECOVERY = 100.0%

C.3 Hourly Wind Gust

HarmonCreek

WIND GUST in mps for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	9.9	5.1	9.3	8.2	13.3	8.9	13.1	11.0	8.7	13.8	15.4	15.3	15.1	12.5	13.4	10.7	10.9	5.0	3.8	3.3	4.5	4.7	3.7	5.4	**9.4**	**15.4**	**3.3**
2	4.5	4.1	4.4	4.9	5.3	5.2	6.1	6.3	5.4	4.0	7.9	8.5	8.0	8.5	9.3	9.1	9.9	11.1	11.5	11.8	8.9	6.1	5.8	3.0	**7.1**	**11.8**	**3.0**
3	3.5	4.2	2.5	2.4	2.6	2.9	2.9	3.6	2.7	2.5	2.6	3.7	3.9	4.4	6.0	6.1	4.0	2.4	2.5	2.0	2.7	2.6	1.7	3.0	**3.2**	**6.1**	**1.7**
4	1.3	1.5	2.8	11.3	5.1	5.8	8.6	5.1	5.6	4.0	4.9	8.1	5.5	4.7	5.1	7.8	7.5	7.5	8.3	9.0	9.4	9.1	11.2	11.5	**6.7**	**11.5**	**1.3**
5	12.7	14.2	10.7	11.9	11.2	12.2	9.4	11.3	8.8	7.2	8.3	9.6	8.5	10.0	10.2	7.6	9.2	7.6	7.3	7.2	6.3	6.9	9.5	10.7	**9.5**	**14.2**	**6.3**
6	10.7	11.2	8.7	12.9	8.7	7.4	11.2	11.6	12.0	12.6	13.4	12.5	12.4	11.0	12.0	11.1	11.0	9.1	5.9	5.7	5.3	5.2	5.8	5.6	**9.7**	**13.4**	**5.2**
7	4.0	3.6	3.5	1.3	0.8	3.0	3.2	1.8	1.8	4.2	3.5	4.8	7.7	5.1	5.9	6.1	5.1	6.3	3.9	3.8	5.5	7.7	9.1	9.8	**4.7**	**9.8**	**0.8**
8	11.1	10.3	10.8	9.7	11.6	15.9	15.2	16.0	17.1	18.2	17.2	15.9	13.0	12.9	15.1	13.6	11.0	8.8	5.8	5.8	5.3	2.9	1.4	1.5	**11.1**	**18.2**	**1.4**
9	2.5	3.0	3.1	2.7	4.2	4.4	4.9	5.0	5.9	5.6	5.6	4.6	4.6	6.0	6.2	6.9	7.6	5.6	4.4	4.9	6.5	8.0	8.0	9.1	**5.4**	**9.1**	**2.5**
10	7.8	9.1	11.9	10.6	9.1	9.4	9.4	6.9	5.4	3.8	4.1	7.3	5.6	8.5	3.2	4.2	4.5	3.7	3.5	4.8	5.4	5.0	5.4	8.0	**6.5**	**11.9**	**3.2**
11	7.6	7.8	8.1	8.7	8.5	8.5	10.1	9.7	9.5	9.9	9.8	10.7	11.3	12.1	11.8	13.2	13.0	19.1	12.1	6.0	9.0	9.4	11.1	12.1	**10.4**	**19.1**	**6.0**
12	13.7	19.8	24.5	24.8	23.0	21.3	16.6	14.0	12.6	12.5	8.7	9.1	7.6	6.7	6.1	7.8	5.1	3.2	3.9	3.2	3.0	4.9	5.0	4.1	**10.9**	**24.8**	**3.0**
13	3.3	3.9	3.0	1.4	2.6	2.2	1.7	4.3	5.8	6.0	9.7	10.2	9.5	8.0	7.8	6.9	4.9	3.5	4.0	3.2	2.8	1.6	1.5	3.1	**4.6**	**10.2**	**1.4**
14	3.0	2.5	3.4	3.2	3.3	5.2	5.3	4.5	4.2	2.3	2.3	6.6	9.6	9.2	9.0	10.8	9.7	5.1	6.1	7.2	8.1	7.1	7.6	4.4	**5.8**	**10.8**	**2.3**
15	3.7	3.7	3.6	3.3	1.7	1.9	2.3	2.2	1.0	1.8	5.3	5.0	3.5	4.3	4.8	4.1	2.8	3.8	4.3	6.0	9.2	10.7	16.2	16.7	**5.1**	**16.7**	**1.0**
16	15.2	16.3	15.7	13.5	16.5	14.9	14.4	15.2	11.5	12.9	12.1	14.6	17.6	15.3	14.4	15.9	13.9	11.7	13.3	12.2	12.5	12.8	11.2	8.7	**13.8**	**17.6**	**8.7**
17	9.6	10.2	7.5	8.9	10.0	8.1	7.6	5.5	7.1	7.4	8.2	7.5	4.2	3.6	3.8	2.8	3.1	2.9	4.8	4.2	4.1	4.3	5.7	6.5	**6.1**	**10.2**	**2.8**
18	5.3	3.8	7.4	11.0	9.3	6.2	5.8	5.3	6.6	5.0	4.5	9.6	7.3	8.1	11.5	13.5	14.6	18.1	13.6	22.3	19.3	16.2	18.2	13.5	**10.7**	**22.3**	**3.8**
19	12.9	17.1	20.6	18.0	12.6	15.4	13.0	15.0	12.7	12.1	13.6	14.0	13.8	13.5	12.7	10.7	9.0	9.9	10.8	8.7	9.6	10.7	9.6	9.6	**12.7**	**20.6**	**8.7**
20	7.7	8.1	7.8	7.2	5.7	4.5	5.8	2.7	2.3	5.8	7.2	6.5	7.0	6.0	7.0	7.4	6.6	4.6	3.4	3.7	3.0	2.5	1.5	1.7	**5.2**	**8.1**	**1.5**
21	1.4	1.4	1.4	1.8	1.8	1.8	1.5	1.4	3.2	5.5	6.0	5.7	6.1	5.8	5.9	5.8	4.5	3.5	2.5	1.4	1.5	1.4	1.6	1.8	**3.1**	**6.1**	**1.4**
22	1.1	1.4	1.0	1.1	1.0	1.5	1.1	0.9	1.4	3.0	4.9	4.8	4.2	3.5	4.4	3.2	3.2	3.1	3.4	1.1	2.8	3.5	2.7	3.2	**2.6**	**4.9**	**0.9**
23	1.4	1.3	1.1	1.0	0.8	0.9	1.0	0.9	1.3	1.4	1.7	1.4	3.9	6.0	4.1	2.2	2.6	3.7	2.9	4.7	5.1	3.7	6.5	7.3	**2.8**	**7.3**	**0.8**
24	3.7	6.6	5.0	5.4	4.8	4.1	4.4	4.4	4.7	6.9	7.2	7.3	7.4	6.9	7.5	8.7	9.4	8.1	8.3	8.7	9.9	7.4	6.7	3.9	**6.5**	**9.9**	**3.7**
25	7.8	6.6	3.1	2.6	2.5	3.7	4.6	5.6	8.2	6.6	8.3	10.9	10.2	9.9	10.4	11.7	5.6	8.8	10.1	11.1	9.4	8.0	10.0	6.8	**7.6**	**11.7**	**2.5**
26	9.3	10.4	9.4	9.7	10.3	11.7	8.7	8.5	7.7	9.3	9.6	10.7	10.2	10.7	10.4	10.6	10.4	11.6	9.1	10.6	9.4	11.4	11.6	10.3	**10.1**	**11.7**	**7.7**
27	10.2	8.6	8.2	7.4	5.9	6.3	6.0	5.5	5.1	5.4	5.7	8.1	7.9	9.2	8.2	7.1	5.9	5.4	5.7	4.7	6.8	6.3	7.4	6.9	**6.8**	**10.2**	**4.7**
28	5.9	5.4	4.3	5.3	4.9	6.1	7.7	7.4	5.6	6.6	8.0	7.6	7.2	8.1	8.9	9.6	7.6	8.3	6.0	7.6	7.4	5.9	6.1	3.8	**6.7**	**9.6**	**3.8**
29	3.3	4.7	2.3	2.2	2.4	3.0	3.2	4.3	4.3	5.2	5.5	5.0	4.0	3.9	5.2	4.9	4.2	3.5	3.9	4.5	4.6	4.7	3.8	4.2	**4.0**	**5.5**	**2.2**
30	2.9	2.7	2.8	2.8	2.9	3.6	3.0	3.0	3.1	2.9	1.8	2.8	5.2	5.5	4.3	4.1	4.1	2.0	3.3	3.1	2.3	1.8	1.6	1.6	**3.0**	**5.5**	**1.6**
31	0.9	2.6	2.7	3.6	5.4	4.7	4.2	1.8	2.7	3.4	3.6	2.6	3.0	2.9	2.4	2.2	1.9	1.8	1.9	2.4	1.6	1.5	1.6	1.0	**2.6**	**5.4**	**0.9**
MEAN	**6.4**	**6.8**	**6.8**	**7.1**	**6.7**	**6.8**	**6.8**	**6.5**	**6.3**	**6.7**	**7.3**	**8.1**	**7.9**	**7.8**	**8.0**	**7.9**	**7.2**	**6.7**	**6.1**	**6.3**	**6.5**	**6.3**	**6.7**	**6.4**	**6.9**		
MAX	**15.2**	**19.8**	**24.5**	**24.8**	**23.0**	**21.3**	**16.6**	**16.0**	**17.1**	**18.2**	**17.2**	**15.9**	**17.6**	**15.3**	**15.1**	**15.9**	**14.6**	**19.1**	**13.6**	**22.3**	**19.3**	**16.2**	**18.2**	**16.7**		**24.8**	
MIN	**0.9**	**1.3**	**1.0**	**1.0**	**0.8**	**0.9**	**1.0**	**0.9**	**1.0**	**1.4**	**1.7**	**1.4**	**3.0**	**2.9**	**2.4**	**2.2**	**1.9**	**1.8**	**1.9**	**1.1**	**1.5**	**1.4**	**1.4**	**1.0**			**0.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 6.9 mps

MAXIMUM WIND GUST = 24.8 mps DATE OF OCCURRENCE = 1/12 AT 0400 MAXIMUM DAILY MEAN = 13.8 mps DATE OF OCCURRENCE = 1/16

MINIMUM WIND GUST = 0.8 mps DATE OF OCCURRENCE = 1/7 AT 0500 MINUMUM DAILY MEAN = 2.6 mps DATE OF OCCURRENCE = 1/22

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

WIND GUST in mps for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	1.5	1.8	2.3	3.3	4.8	4.8	3.6	3.0	3.1	3.3	2.4	1.6	2.2	4.9	4.7	4.9	4.6	4.5	4.5	5.6	4.9	5.8	7.7	8.7	**4.1**	**8.7**	**1.5**
2	8.4	9.0	11.4	9.5	7.6	7.6	9.0	8.1	7.6	9.0	15.3	17.4	19.1	19.9	19.3	19.7	17.5	12.6	13.0	14.0	12.3	13.0	11.4	11.8	**12.6**	**19.9**	**7.6**
3	9.4	9.2	7.4	6.7	4.3	3.4	3.8	2.5	1.9	4.5	6.9	9.8	11.8	10.1	10.0	10.2	8.4	8.3	5.3	5.0	6.1	7.0	5.7	9.1	**7.0**	**11.8**	**1.9**
4	11.5	15.8	17.2	11.2	11.4	10.3	8.8	7.4	7.9	7.1	10.6	8.7	9.3	8.3	8.4	6.1	7.4	9.2	8.2	8.5	8.4	10.8	10.1	8.5	**9.6**	**17.2**	**6.1**
5	7.9	8.6	6.5	6.1	7.3	8.3	7.8	7.5	6.3	4.9	5.2	6.0	6.1	6.7	6.8	7.3	6.9	6.8	6.9	8.0	7.7	7.9	6.6	6.5	**6.9**	**8.6**	**4.9**
6	3.7	2.3	2.4	2.2	2.0	2.2	1.9	3.2	1.5	2.5	5.4	3.2	5.9	6.5	5.5	7.8	8.3	7.6	4.8	4.5	6.9	4.1	4.4	5.4	**4.3**	**8.3**	**1.5**
7	4.8	4.8	5.2	5.4	5.8	8.1	8.8	11.9	11.0	8.7	9.2	11.7	13.5	12.0	11.1	12.4	12.0	11.4	8.9	9.4	8.9	7.4	8.9	7.5	**9.1**	**13.5**	**4.8**
8	6.3	7.4	7.4	7.8	7.6	6.1	5.9	4.0	4.4	5.9	8.3	8.0	7.5	7.1	5.8	5.9	3.5	2.4	2.2	2.6	2.0	2.7	3.9	3.7	**5.3**	**8.3**	**2.0**
9	3.3	3.6	3.1	4.1	2.8	2.8	3.1	2.8	3.0	4.1	5.9	6.3	7.7	9.1	8.4	6.1	3.8	5.2	8.9	9.1	4.8	8.3	6.9	10.4	**5.6**	**10.4**	**2.8**
10	12.2	11.6	12.4	13.7	11.9	10.7	10.2	9.0	9.6	10.2	9.7	10.1	9.8	10.1	7.6	6.7	6.8	5.5	4.6	3.9	2.8	2.5	2.0	2.5	**8.2**	**13.7**	**2.0**
11	2.3	3.5	4.4	5.1	5.4	5.2	4.0	5.4	5.3	4.9	3.6	4.3	4.2	5.5	6.5	7.4	7.4	7.0	5.5	4.9	8.4	8.8	8.3	7.4	**5.6**	**8.8**	**2.3**
12	7.9	7.6	6.2	5.3	2.9	1.5	1.7	1.5	1.1	3.7	4.7	4.8	5.7	5.3	4.2	4.6	4.8	4.3	4.1	5.4	4.4	7.4	6.9	6.7	**4.7**	**7.9**	**1.1**
13	4.0	5.8	3.4	4.1	4.9	4.0	3.1	4.2	4.7	5.2	4.5	6.1	7.0	7.6	8.0	10.6	10.2	9.2	9.3	12.6	9.6	18.1	13.2	13.0	**7.6**	**18.1**	**3.1**
14	10.9	9.8	9.7	9.1	8.6	6.9	7.8	7.4	9.3	10.3	10.7	13.1	12.7	10.8	9.7	8.7	9.0	7.6	5.5	3.2	2.6	1.3	1.5	0.8	**7.8**	**13.1**	**0.8**
15	0.7	1.1	1.1	1.0	2.0	2.8	1.0	2.0	5.8	7.4	7.8	7.1	7.9	7.2	7.5	8.2	8.3	8.0	6.7	6.8	5.3	4.8	4.9	4.2	**5.0**	**8.3**	**0.7**
16	3.9	4.5	5.6	4.6	5.5	6.7	4.8	4.0	3.9	5.9	7.6	7.8	8.1	6.9	7.0	6.5	4.6	4.8	3.0	1.9	2.6	2.5	1.2	1.2	**4.8**	**8.1**	**1.2**
17	---	1.4	1.8	1.7	1.3	1.7	1.4	1.0	1.7	3.4	5.4	5.4	5.2	7.0	5.5	7.0	7.9	6.3	7.1	6.5	5.9	7.3	6.5	8.0	**4.6**	**8.0**	**1.0**
18	8.0	7.3	10.1	7.1	11.0	10.3	12.9	12.3	12.2	10.9	11.0	11.2	9.1	7.4	4.5	4.7	8.6	11.9	5.6	6.7	12.7	8.8	7.9	7.0	**9.1**	**12.9**	**4.5**
19	7.8	5.7	7.0	4.6	4.8	5.6	6.2	4.3	5.5	7.9	8.3	7.9	9.5	10.2	8.8	10.2	8.6	7.7	4.7	4.2	4.7	4.1	3.7	1.4	**6.4**	**10.2**	**1.4**
20	2.2	1.6	1.7	0.9	1.6	1.8	1.2	2.0	3.6	4.1	4.6	6.3	6.5	6.7	9.6	7.4	7.5	6.7	6.0	6.8	4.5	4.7	3.6	3.1	**4.4**	**9.6**	**0.9**
21	1.5	1.2	1.5	2.2	1.5	1.8	2.3	1.7	2.7	4.8	5.0	6.2	7.4	8.1	8.7	9.0	8.1	8.1	4.8	5.3	5.9	5.7	6.1	5.6	**4.8**	**9.0**	**1.2**
22	5.1	6.3	5.9	5.9	6.6	6.9	6.5	5.9	9.5	8.9	9.4	9.6	11.1	10.7	12.4	10.9	10.3	8.8	4.9	4.5	4.2	4.1	4.6	4.5	**7.4**	**12.4**	**4.1**
23	3.5	3.3	3.4	3.4	2.9	2.9	3.0	3.5	5.2	7.6	9.4	12.0	10.8	11.6	8.9	7.8	11.1	9.0	8.1	6.7	3.5	3.2	4.0	3.5	**6.2**	**12.0**	**2.9**
24	3.0	2.8	3.7	4.1	3.5	3.3	3.3	3.3	3.0	5.3	7.2	9.3	10.2	11.1	8.6	8.0	7.1	3.2	3.2	1.8	3.4	3.9	1.4	4.9	**4.9**	**11.1**	**1.4**
25	3.9	3.2	2.7	1.7	2.6	1.4	1.5	2.9	2.9	2.7	2.5	3.6	3.5	4.1	3.7	4.9	4.5	3.4	2.6	4.4	2.9	2.3	2.2	1.7	**3.0**	**4.9**	**1.4**
26	1.9	2.3	1.9	1.8	4.4	5.6	6.7	5.4	4.9	6.8	5.7	3.9	3.7	4.4	2.6	8.8	5.9	3.2	8.5	11.2	14.1	12.9	15.7	14.8	**6.5**	**15.7**	**1.8**
27	15.0	17.2	13.8	14.2	14.8	14.4	19.9	15.1	17.8	15.1	14.0	16.7	13.1	17.8	17.6	17.0	17.6	15.8	13.9	11.0	15.6	17.8	12.5	14.5	**15.5**	**19.9**	**11.0**
28	12.0	8.9	7.6	7.8	7.5	7.3	5.1	7.0	10.0	13.2	12.0	12.1	12.2	13.5	15.2	17.1	13.7	13.3	11.9	10.9	9.2	12.8	11.3	11.1	**10.9**	**17.1**	**5.1**
29	13.5	10.6	9.9	9.0	8.4	9.7	7.2	11.2	10.3	13.6	14.0	13.0	14.0	14.2	15.0	13.6	13.6	13.3	10.9	9.1	6.9	7.2	4.8	4.2	**10.7**	**15.0**	**4.2**
MEAN	**6.3**	**6.1**	**6.1**	**5.6**	**5.7**	**5.7**	**5.6**	**5.5**	**6.1**	**7.0**	**7.8**	**8.4**	**8.8**	**9.1**	**8.7**	**8.9**	**8.5**	**7.8**	**6.7**	**6.7**	**6.6**	**7.1**	**6.5**	**6.6**	**7.0**		
MAX	**15.0**	**17.2**	**17.2**	**14.2**	**14.8**	**14.4**	**19.9**	**15.1**	**17.8**	**15.1**	**15.3**	**17.4**	**19.1**	**19.9**	**19.3**	**19.7**	**17.6**	**15.8**	**13.9**	**14.0**	**15.6**	**18.1**	**15.7**	**14.8**		**19.9**	
MIN	**0.7**	**1.1**	**1.1**	**0.9**	**1.3**	**1.4**	**1.0**	**1.0**	**1.1**	**2.5**	**2.4**	**1.6**	**2.2**	**4.1**	**2.6**	**4.6**	**3.5**	**2.4**	**2.2**	**1.8**	**2.0**	**1.3**	**1.2**	**0.8**			**0.7**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 695 DATA RECOVERY RATE = 99.9%

MONTHLY MEAN = 7.0 mps

MAXIMUM WIND GUST = 19.9 mps DATE OF OCCURRENCE = 2/2 AT 1400 MAXIMUM DAILY MEAN = 15.5 mps DATE OF OCCURRENCE = 2/27

MINIMUM WIND GUST = 0.7 mps DATE OF OCCURRENCE = 2/15 AT 0100 MINUMUM DAILY MEAN = 3.0 mps DATE OF OCCURRENCE = 2/25

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

WIND GUST in mps for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	3.8	3.6	3.8	3.7	3.6	3.4	2.5	2.6	4.7	5.4	6.8	8.6	8.7	9.1	8.6	9.6	9.0	6.9	5.8	5.7	5.0	5.4	4.7	7.3	**5.8**	**9.6**	**2.5**
2	8.1	6.8	8.9	9.7	9.6	9.6	8.6	9.0	8.7	12.8	14.3	13.1	15.0	10.9	10.7	7.1	5.3	6.7	6.6	5.9	6.0	6.7	7.8	6.0	**8.9**	**15.0**	**5.3**
3	6.0	5.4	5.0	3.9	4.7	4.1	4.5	8.4	2.8	3.6	5.5	6.3	9.6	12.1	12.5	13.9	18.2	12.7	10.7	16.0	16.0	16.3	14.3	14.1	**9.4**	**18.2**	**2.8**
4	12.8	8.7	8.7	7.9	6.3	6.9	6.5	5.1	6.7	10.4	11.4	14.6	13.3	16.3	15.6	11.6	8.8	9.0	7.6	6.5	4.7	4.0	3.2	3.5	**8.7**	**16.3**	**3.2**
5	2.9	2.4	2.3	1.7	1.7	1.8	1.2	1.0	3.9	6.0	6.5	7.8	8.3	6.6	5.4	5.7	5.2	4.0	3.8	2.6	1.4	1.8	1.6	1.4	**3.6**	**8.3**	**1.0**
6	1.4	1.5	8.7	2.4	3.6	3.6	4.5	3.9	10.2	9.1	10.3	10.2	11.1	11.1	10.2	10.9	11.1	12.2	12.3	9.9	9.5	10.9	10.8	11.0	**8.3**	**12.3**	**1.4**
7	10.4	10.9	10.2	8.8	8.4	8.6	6.7	7.5	8.2	7.8	7.3	8.3	7.3	7.3	8.2	6.2	6.9	5.6	3.9	2.7	1.9	2.3	1.8	3.6	**6.7**	**10.9**	**1.8**
8	3.7	4.5	3.6	4.2	4.0	3.8	3.5	5.4	6.8	6.9	7.6	7.2	7.6	8.4	8.6	9.4	9.2	8.6	6.7	3.5	3.4	4.2	3.7	4.5	**5.8**	**9.4**	**3.4**
9	4.5	5.4	6.7	8.1	7.6	8.6	9.1	9.3	11.3	12.1	12.6	13.8	12.8	13.6	10.6	11.8	8.8	8.2	3.4	4.7	4.5	4.9	4.6	5.9	**8.5**	**13.8**	**3.4**
10	8.9	13.7	14.5	12.3	9.4	9.7	12.1	12.8	12.5	14.2	10.7	11.7	12.6	15.1	9.5	9.9	11.4	7.5	7.6	5.5	6.2	5.5	6.2	4.5	**10.2**	**15.1**	**4.5**
11	4.7	3.8	3.5	5.0	2.9	3.4	2.7	3.7	3.7	3.8	2.6	2.5	1.9	4.0	3.0	3.2	2.9	2.2	1.8	2.6	2.0	1.2	1.1	1.8	**2.9**	**5.0**	**1.1**
12	1.9	2.5	1.1	1.2	1.5	1.7	2.4	2.4	2.5	3.5	5.9	6.5	6.6	5.1	4.9	5.4	3.9	3.6	4.1	5.1	7.6	9.8	9.3	10.3	**4.5**	**10.3**	**1.1**
13	8.0	7.7	8.0	10.9	14.5	13.0	15.1	16.5	18.0	17.8	15.5	15.2	16.4	18.0	16.3	17.3	16.0	13.2	11.3	10.8	10.0	6.5	6.2	6.2	**12.8**	**18.0**	**6.2**
14	7.5	7.0	6.3	5.3	4.7	2.0	1.9	2.0	4.9	5.2	4.5	3.9	2.7	2.8	2.7	2.0	6.9	5.8	4.5	1.6	4.9	5.5	7.0	7.3	**4.5**	**7.5**	**1.6**
15	7.6	5.8	4.7	6.5	5.6	5.7	6.3	5.8	6.8	6.0	5.6	7.8	6.1	6.6	7.2	6.1	5.0	4.8	2.0	2.4	4.4	4.6	3.5	2.7	**5.4**	**7.8**	**2.0**
16	1.4	1.2	1.9	1.5	3.4	4.1	4.7	4.5	5.3	7.9	8.1	6.6	7.9	6.2	5.7	6.3	7.3	5.2	4.9	3.8	3.1	1.3	1.9	3.5	**4.5**	**8.1**	**1.2**
17	4.8	5.4	7.1	5.0	7.2	5.5	6.3	5.7	6.2	6.2	6.2	6.9	7.8	7.8	7.0	7.1	6.7	6.1	5.1	5.8	4.7	5.3	6.2	4.2	**6.1**	**7.8**	**4.2**
18	3.8	2.0	1.5	1.4	1.8	3.0	3.5	3.6	7.9	7.2	7.9	10.1	8.5	8.1	7.2	5.4	5.3	6.6	8.0	7.1	7.4	8.8	10.1	10.8	**6.1**	**10.8**	**1.4**
19	5.6	6.2	3.9	5.8	6.3	7.3	9.4	6.5	6.1	5.9	4.0	5.2	5.6	5.7	6.3	7.2	5.1	4.7	7.4	8.4	13.3	9.0	11.8	16.0	**7.2**	**16.0**	**3.9**
20	12.1	13.6	10.8	11.4	10.0	11.7	15.1	14.6	11.4	14.4	19.1	18.7	18.8	19.6	15.5	11.8	8.2	12.7	10.2	11.5	10.6	10.8	10.9	11.0	**13.1**	**19.6**	**8.2**
21	10.9	9.2	8.4	7.8	7.2	7.6	6.1	6.3	6.5	7.4	5.7	6.0	4.6	4.7	4.7	4.6	4.1	5.2	5.9	6.0	5.1	4.6	5.0	5.3	**6.2**	**10.9**	**4.1**
22	5.8	6.2	3.5	2.6	4.9	3.9	3.3	3.9	4.9	6.8	9.8	9.2	8.1	9.2	8.8	8.2	8.0	7.6	6.0	6.9	11.3	9.1	8.5	7.5	**6.8**	**11.3**	**2.6**
23	6.6	5.3	5.3	7.1	7.3	7.1	6.9	6.7	7.1	2.0	4.0	4.1	2.6	2.5	5.1	5.7	8.1	9.0	9.3	8.1	6.6	7.9	4.8	4.9	**6.0**	**9.3**	**2.0**
24	2.9	4.6	4.6	3.4	3.8	3.2	3.6	2.4	2.6	4.2	4.3	4.2	5.7	5.7	6.6	6.6	6.5	6.8	6.2	4.7	4.9	4.5	5.7	4.9	**4.7**	**6.8**	**2.4**
25	4.3	4.4	5.3	5.4	5.7	7.3	6.6	7.4	7.7	8.1	6.3	5.1	4.9	4.6	5.0	4.1	2.9	2.9	3.3	4.0	4.9	3.6	3.6	3.2	**5.0**	**8.1**	**2.9**
26	3.7	3.2	3.4	3.7	3.8	2.8	3.7	4.8	5.6	7.9	9.6	8.5	9.5	10.3	11.2	9.7	9.4	5.5	1.8	3.2	5.7	4.3	7.2	5.2	**6.0**	**11.2**	**1.8**
27	5.4	4.7	3.0	3.5	2.6	2.9	1.6	2.9	4.9	4.7	3.7	3.1	2.6	4.5	6.0	5.6	3.2	3.4	3.7	3.6	2.9	2.8	4.5	4.7	**3.8**	**6.0**	**1.6**
28	5.1	6.1	6.0	5.4	7.6	6.3	5.2	3.8	4.7	5.0	5.0	9.7	12.9	11.8	12.8	14.5	4.8	6.8	4.2	3.8	4.4	6.8	12.5	9.5	**7.3**	**14.5**	**3.8**
29	8.0	6.8	9.3	8.2	8.1	8.2	10.2	11.9	17.2	16.1	16.7	18.2	21.8	23.6	24.1	22.7	22.8	21.0	17.8	16.8	14.5	9.5	8.6	7.5	**14.6**	**24.1**	**6.8**
30	8.8	10.3	11.2	10.9	12.7	14.1	17.2	18.9	17.1	12.7	12.9	15.4	14.0	15.4	14.1	13.9	11.4	12.0	8.6	8.3	7.7	5.9	7.1	5.2	**11.9**	**18.9**	**5.2**
31	6.5	4.7	2.8	2.2	1.8	1.4	1.4	1.1	3.7	4.3	5.0	4.9	5.6	6.5	7.0	6.6	5.7	3.8	3.7	4.2	5.2	5.1	3.4	2.4	**4.1**	**7.0**	**1.1**
MEAN	**6.1**	**5.9**	**5.9**	**5.7**	**5.9**	**5.9**	**6.2**	**6.5**	**7.4**	**7.9**	**8.2**	**8.8**	**9.1**	**9.4**	**9.1**	**8.7**	**8.0**	**7.4**	**6.4**	**6.2**	**6.5**	**6.1**	**6.4**	**6.3**	**7.1**		
MAX	**12.8**	**13.7**	**14.5**	**12.3**	**14.5**	**14.1**	**17.2**	**18.9**	**18.0**	**17.8**	**19.1**	**18.7**	**21.8**	**23.6**	**24.1**	**22.7**	**22.8**	**21.0**	**17.8**	**16.8**	**16.0**	**16.3**	**14.3**	**16.0**		**24.1**	
MIN	**1.4**	**1.2**	**1.1**	**1.2**	**1.5**	**1.4**	**1.2**	**1.0**	**2.5**	**2.0**	**2.6**	**2.5**	**1.9**	**2.5**	**2.7**	**2.0**	**2.9**	**2.2**	**1.8**	**1.6**	**1.4**	**1.2**	**1.1**	**1.4**			**1.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 7.1 mps

MAXIMUM WIND GUST = 24.1 mps DATE OF OCCURRENCE = 3/29 AT 1500 MAXIMUM DAILY MEAN = 14.6 mps DATE OF OCCURRENCE = 3/29

MINIMUM WIND GUST = 1.0 mps DATE OF OCCURRENCE = 3/5 AT 0800 MINUMUM DAILY MEAN = 2.9 mps DATE OF OCCURRENCE = 3/11

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

APPENDIX D

Hourly Temperature Data for January through March 2020

HarmonCreek

TEMPERATURE in Deg C for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-2.4	-2.2	-1.6	-1.3	-1.1	-1.2	-1.0	-1.1	-1.2	-0.7	-0.3	0.5	1.0	1.9	2.8	3.3	3.3	2.7	2.1	1.2	0.6	0.7	0.2	0.1	**0.3**	**3.3**	**-2.4**
2	0.3	0.7	0.2	0.5	0.5	0.6	0.9	0.8	1.5	2.6	4.8	6.4	7.4	8.1	8.7	8.9	9.0	9.0	8.8	8.4	7.9	8.1	7.8	7.7	**5.0**	**9.0**	**0.2**
3	8.1	9.0	9.3	9.4	9.6	9.6	9.7	9.7	9.8	9.7	9.8	9.9	10.2	10.3	10.6	10.7	10.6	10.5	10.5	10.4	10.4	10.1	10.1	9.9	**9.9**	**10.7**	**8.1**
4	9.8	9.7	9.3	9.3	7.6	6.8	6.2	5.9	5.7	5.5	5.3	5.1	4.6	4.4	3.9	3.6	3.2	2.5	1.6	1.2	1.0	0.6	0.1	-0.3	**4.7**	**9.8**	**-0.3**
5	-0.7	-1.0	-0.9	-0.9	-1.4	-1.2	-1.4	-1.5	-1.6	-1.5	-1.5	-1.4	-1.4	-1.1	-1.1	-0.9	-0.6	-0.5	-0.3	-0.1	0.3	0.8	1.9	2.6	**-0.6**	**2.6**	**-1.6**
6	3.2	3.5	3.5	4.0	3.9	3.4	3.4	2.9	2.2	2.1	2.1	2.5	2.9	3.8	4.5	4.6	4.3	3.5	2.9	2.7	2.4	2.1	1.8	1.8	**3.1**	**4.6**	**1.8**
7	1.5	0.8	-0.2	-0.7	-1.6	-2.1	-3.6	-3.3	-2.8	-2.7	-1.5	0.3	1.5	2.0	2.8	3.6	4.2	3.8	3.1	2.1	2.2	2.5	2.7	2.7	**0.7**	**4.2**	**-3.6**
8	2.4	2.1	2.0	1.8	1.4	1.1	0.8	0.1	-0.5	-0.6	-0.8	-1.5	-2.6	-2.8	-2.3	-1.9	-2.0	-2.7	-3.6	-4.5	-5.0	-5.8	-6.2	-7.0	**-1.6**	**2.4**	**-7.0**
9	-7.6	-7.9	-8.5	-8.3	-7.9	-7.7	-7.5	-7.3	-7.0	-5.9	-4.1	-2.0	0.7	3.7	5.3	6.1	5.7	5.5	5.3	5.1	5.6	7.8	8.6	9.2	**-0.5**	**9.2**	**-8.5**
10	9.2	9.8	10.7	10.4	10.4	10.6	10.9	9.9	8.4	8.0	8.8	10.3	11.8	12.3	11.4	11.3	11.4	11.3	11.9	12.8	13.0	13.3	14.0	14.5	**11.1**	**14.5**	**8.0**
11	14.3	14.1	14.1	13.8	13.8	13.9	14.4	14.9	15.5	15.8	17.0	18.2	20.5	21.5	21.7	21.9	22.2	18.7	15.7	15.3	15.0	14.8	14.5	15.3	**16.5**	**22.2**	**13.8**
12	16.3	16.7	16.2	14.2	11.3	8.4	6.7	6.2	5.5	5.2	5.0	4.6	4.6	4.6	4.5	4.7	4.7	4.5	4.2	3.9	3.8	3.8	3.6	2.7	**6.9**	**16.7**	**2.7**
13	2.1	1.8	1.5	0.8	0.7	-0.3	-0.8	1.8	3.2	3.7	5.2	6.4	7.0	8.2	9.0	9.4	9.2	8.3	6.9	5.7	4.1	2.0	1.0	0.8	**4.1**	**9.4**	**-0.8**
14	1.3	0.7	1.1	0.9	0.8	1.6	2.0	2.0	2.4	3.4	5.1	6.3	8.8	8.9	9.5	9.9	9.9	9.2	8.3	7.6	6.7	5.8	5.3	4.8	**5.1**	**9.9**	**0.7**
15	4.2	3.7	3.7	3.5	3.3	3.0	2.8	2.3	1.2	2.0	1.3	1.9	4.1	6.2	8.8	10.2	10.1	9.8	8.9	9.7	11.4	12.0	11.9	10.7	**6.1**	**12.0**	**1.2**
16	10.1	9.1	6.9	5.7	4.7	4.2	3.5	2.3	2.2	2.4	2.6	2.8	2.0	1.3	0.4	-0.2	-0.2	-1.3	-1.4	-1.8	-2.1	-2.6	-3.1	-3.5	**1.8**	**10.1**	**-3.5**
17	-3.7	-3.9	-4.0	-4.0	-4.5	-4.9	-5.0	-5.2	-5.2	-5.1	-5.0	-4.6	-4.0	-3.4	-2.8	-2.6	-2.6	-2.8	-3.0	-3.4	-3.5	-3.7	-3.6	-3.5	**-3.9**	**-2.6**	**-5.2**
18	-3.6	-3.4	-3.9	-4.9	-4.3	-3.8	-3.2	-2.9	-2.5	-1.2	-0.1	0.4	0.9	1.8	3.2	4.5	6.1	7.2	7.8	8.3	6.2	4.6	3.5	2.9	**1.0**	**8.3**	**-4.9**
19	1.9	1.3	0.0	-1.6	-2.4	-3.1	-3.9	-4.8	-5.6	-6.0	-5.9	-6.2	-6.8	-7.5	-8.0	-8.4	-8.7	-9.1	-9.2	-9.4	-9.5	-9.6	-9.7	-9.7	**-5.9**	**1.9**	**-9.7**
20	-9.7	-10.0	-10.0	-10.0	-9.8	-9.9	-9.6	-9.8	-9.7	-8.2	-6.8	-6.1	-5.5	-5.3	-5.0	-4.7	-4.8	-5.3	-6.1	-6.5	-7.1	-7.5	-8.7	-9.8	**-7.7**	**-4.7**	**-10.0**
21	-10.3	-10.2	-9.7	-9.0	-8.3	-8.0	-7.9	-7.8	-7.6	-7.2	-7.0	-6.8	-6.7	-6.4	-6.1	-5.8	-5.5	-5.8	-6.5	-7.7	-9.1	-10.0	-11.1	-11.6	**-8.0**	**-5.5**	**-11.6**
22	-12.0	-12.1	-12.2	-12.6	-12.5	-12.4	-12.8	-12.7	-11.3	-7.7	-4.4	-2.5	-1.1	0.2	1.3	1.9	2.0	1.6	0.6	-1.3	-1.4	-2.4	-2.9	-2.8	**-5.4**	**2.0**	**-12.8**
23	-4.3	-4.6	-5.4	-6.5	-7.2	-7.7	-7.7	-7.2	-6.5	-4.2	-1.4	0.7	4.4	6.3	6.6	6.7	6.5	6.5	5.2	4.8	4.8	4.3	4.4	4.6	**0.1**	**6.7**	**-7.7**
24	4.3	3.6	4.0	4.0	3.7	3.5	3.6	3.8	4.0	3.0	2.8	3.3	5.3	6.0	6.6	7.4	7.5	7.2	7.3	6.9	6.7	6.8	6.2	5.7	**5.1**	**7.5**	**2.8**
25	5.5	5.9	5.5	5.2	4.6	4.7	4.8	4.8	4.3	3.8	4.0	4.2	4.4	4.5	4.1	3.5	2.9	2.4	1.5	1.2	0.7	0.5	0.4	0.1	**3.5**	**5.9**	**0.1**
26	0.3	0.3	0.0	0.0	-0.3	-0.3	-0.4	-0.5	-0.6	-0.4	-0.2	-0.2	-0.1	0.3	0.3	0.3	0.2	0.1	-0.1	0.0	-0.1	0.3	0.5	0.6	**0.0**	**0.6**	**-0.6**
27	0.7	0.7	0.8	0.9	0.9	0.8	0.6	0.3	0.0	0.0	0.0	0.3	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	**0.4**	**0.9**	**0.0**
28	0.2	0.2	0.1	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.1	0.1	0.3	0.4	0.7	0.4	0.2	0.3	0.0	-0.5	-0.4	-0.5	-0.5	-0.8	-1.0	**-0.1**	**0.7**	**-1.0**
29	-1.1	-1.0	-1.0	-1.1	-1.1	-1.2	-1.3	-1.4	-1.5	-1.4	-1.1	-0.5	-0.2	-0.2	-0.4	-0.5	-0.8	-1.1	-1.3	-1.5	-1.7	-2.0	-2.3	-3.0	**-1.2**	**-0.2**	**-3.0**
30	-3.6	-4.1	-4.5	-5.2	-5.2	-5.1	-5.0	-4.8	-4.5	-4.0	-3.1	-2.1	-0.9	-0.6	-0.3	-0.2	-0.2	-0.4	-0.5	-0.6	-0.8	-0.7	-0.9	-1.0	**-2.4**	**-0.2**	**-5.2**
31	-1.1	-1.2	-1.0	-1.1	-0.8	-0.8	-0.7	-1.0	-0.9	-0.2	0.6	1.4	2.0	2.8	3.1	2.4	1.3	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	**0.2**	**3.1**	**-1.2**
MEAN	**1.1**	**1.0**	**0.8**	**0.6**	**0.3**	**0.1**	**-0.1**	**-0.1**	**-0.1**	**0.3**	**1.0**	**1.7**	**2.4**	**3.0**	**3.4**	**3.5**	**3.5**	**3.1**	**2.6**	**2.3**	**2.0**	**1.8**	**1.6**	**1.4**	**1.6**		
MAX	**16.3**	**16.7**	**16.2**	**14.2**	**13.8**	**13.9**	**14.4**	**14.9**	**15.5**	**15.8**	**17.0**	**18.2**	**20.5**	**21.5**	**21.7**	**21.9**	**22.2**	**18.7**	**15.7**	**15.3**	**15.0**	**14.8**	**14.5**	**15.3**		**22.2**	
MIN	**-12.0**	**-12.1**	**-12.2**	**-12.6**	**-12.5**	**-12.4**	**-12.8**	**-12.7**	**-11.3**	**-8.2**	**-7.0**	**-6.8**	**-6.8**	**-7.5**	**-8.0**	**-8.4**	**-8.7**	**-9.1**	**-9.2**	**-9.4**	**-9.5**	**-10.0**	**-11.1**	**-11.6**			**-12.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 1.6 Deg C

MAXIMUM TEMPERATURE = 22.2 Deg C DATE OF OCCURRENCE = 1/11 AT 1700 MAXIMUM DAILY MEAN = 16.5 Deg C DATE OF OCCURRENCE = 1/11

MINIMUM TEMPERATURE = -12.8 Deg C DATE OF OCCURRENCE = 1/22 AT 0700 MINUMUM DAILY MEAN = -8.0 Deg C DATE OF OCCURRENCE = 1/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

TEMPERATURE in Deg C for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-0.1	-0.2	-0.2	-0.4	-0.7	-0.9	-1.1	-1.3	-1.4	-1.3	-1.1	-0.7	-0.3	0.0	0.1	0.3	0.3	0.2	0.2	0.3	0.1	0.1	0.4	0.7	**-0.3**	**0.7**	**-1.4**
2	0.9	0.7	0.6	0.5	0.4	0.3	0.3	-0.2	0.1	0.8	2.0	4.6	7.0	9.0	10.8	11.8	12.1	12.0	11.6	11.8	11.3	10.8	10.3	9.7	**5.8**	**12.1**	**-0.2**
3	8.6	8.2	7.7	7.0	6.7	5.1	4.9	3.9	4.5	6.1	9.5	11.7	13.4	14.8	15.9	16.5	16.8	16.7	15.9	15.2	14.7	14.9	15.0	15.0	**11.2**	**16.8**	**3.9**
4	15.3	15.7	13.7	11.5	11.2	10.9	11.2	11.5	11.8	12.0	12.5	12.5	12.9	12.7	12.3	12.0	9.9	6.1	3.7	2.1	1.3	0.3	-0.1	0.0	**9.3**	**15.7**	**-0.1**
5	0.0	-0.4	-0.4	-0.7	-0.8	-1.2	-1.6	-1.8	-1.8	-1.7	-1.2	-0.4	0.0	0.5	1.2	1.8	2.0	1.8	1.6	1.5	0.5	1.0	1.2	0.9	**0.1**	**2.0**	**-1.8**
6	1.0	1.1	1.2	1.3	1.5	1.4	1.4	1.8	2.1	2.5	2.8	3.1	3.1	2.2	2.4	3.3	3.6	2.3	1.7	1.2	0.7	0.3	-0.1	-0.2	**1.7**	**3.6**	**-0.2**
7	-0.5	-0.7	-0.9	-1.5	-1.8	-2.1	-2.7	-3.2	-3.4	-3.4	-3.2	-2.9	-3.0	-3.1	-3.0	-2.3	-2.0	-2.5	-2.8	-2.7	-3.0	-3.1	-3.4	-4.0	**-2.5**	**-0.5**	**-4.0**
8	-4.5	-4.4	-4.6	-4.6	-4.8	-5.0	-4.8	-4.9	-4.6	-3.7	-2.6	-1.6	-1.0	-0.8	-0.9	-1.5	-1.5	-1.7	-1.8	-1.9	-1.8	-1.5	-1.2	-1.2	**-2.8**	**-0.8**	**-5.0**
9	-1.1	-1.3	-1.6	-1.6	-1.6	-1.8	-2.1	-2.3	-2.1	-1.3	-0.3	0.3	1.0	1.2	1.4	1.5	1.7	1.9	2.2	1.5	1.7	2.4	5.0	5.7	**0.4**	**5.7**	**-2.3**
10	5.1	4.8	5.2	5.4	5.7	5.7	5.9	6.1	6.6	7.1	7.5	7.8	8.0	8.1	8.3	7.7	5.2	4.7	4.0	3.7	3.7	3.6	3.6	3.6	**5.7**	**8.3**	**3.6**
11	3.5	3.5	3.1	2.5	2.0	1.4	0.8	0.3	0.2	0.0	-0.1	0.1	1.3	1.6	1.5	1.8	2.4	2.4	2.2	2.0	1.9	2.0	1.7	1.2	**1.6**	**3.5**	**-0.1**
12	0.9	0.5	-0.1	-0.6	-1.1	-1.5	-2.3	-2.8	-2.3	-1.0	-0.5	0.4	0.8	1.4	2.0	2.2	2.0	0.4	0.1	0.0	0.0	0.0	0.4	0.7	**0.0**	**2.2**	**-2.8**
13	0.8	0.6	0.5	0.4	0.2	0.2	0.2	0.1	-0.1	-0.2	0.0	0.2	0.5	0.5	0.8	1.2	1.0	0.9	0.9	0.9	0.6	0.2	-2.1	-2.7	**0.2**	**1.2**	**-2.7**
14	-3.8	-4.6	-5.4	-6.1	-6.9	-7.3	-7.7	-8.2	-7.9	-7.8	-8.3	-8.1	-7.4	-7.1	-7.1	-6.9	-7.1	-7.9	-8.6	-9.4	-10.0	-10.6	-11.0	-12.2	**-7.8**	**-3.8**	**-12.2**
15	-12.8	-12.8	-13.0	-13.3	-13.2	-13.0	-13.4	-12.5	-9.9	-7.3	-5.5	-4.3	-2.8	-1.3	0.2	1.1	1.5	1.5	1.1	0.6	0.8	1.0	1.3	1.4	**-5.2**	**1.5**	**-13.4**
16	1.9	2.2	2.5	2.4	2.2	2.3	2.3	2.3	2.5	3.3	4.2	4.3	4.4	4.4	4.1	2.9	2.2	2.2	1.8	1.2	0.2	-1.1	-2.3	-2.5	**2.1**	**4.4**	**-2.5**
17	-2.1	-2.5	-3.8	-4.9	-5.1	-5.9	-6.4	-6.0	-4.7	-1.4	2.2	3.6	5.0	6.3	7.1	7.6	7.8	7.5	7.0	6.7	6.5	6.4	6.8	7.0	**1.9**	**7.8**	**-6.4**
18	7.2	7.5	8.2	8.6	10.1	10.4	10.6	9.3	9.4	9.3	9.7	10.2	9.8	9.1	8.7	9.2	9.5	8.3	7.0	6.4	5.5	4.4	3.6	2.8	**8.1**	**10.6**	**2.8**
19	1.5	0.3	-0.7	-1.3	-2.0	-2.5	-2.9	-3.3	-2.8	-1.8	-0.8	0.1	1.1	1.9	2.6	3.0	3.1	2.4	0.9	-0.2	-1.1	-1.8	-2.5	-3.1	**-0.4**	**3.1**	**-3.3**
20	-3.7	-4.0	-4.2	-5.1	-6.1	-6.8	-6.9	-6.4	-5.6	-4.7	-3.7	-3.1	-3.3	-3.5	-3.7	-3.8	-3.9	-4.3	-5.3	-6.0	-6.8	-7.5	-8.3	-8.9	**-5.2**	**-3.1**	**-8.9**
21	-9.6	-10.1	-10.8	-11.8	-12.0	-11.9	-12.5	-12.8	-10.9	-7.6	-6.0	-4.7	-3.5	-2.2	-1.1	-0.3	0.1	-0.2	-1.1	-1.6	-2.0	-2.5	-2.9	-3.3	**-5.9**	**0.1**	**-12.8**
22	-3.5	-3.7	-3.8	-3.7	-3.7	-4.1	-4.5	-4.8	-3.5	-1.6	0.1	1.7	3.5	5.2	6.2	6.8	7.0	6.5	5.3	3.8	2.9	2.1	2.4	2.3	**0.8**	**7.0**	**-4.8**
23	1.4	0.5	0.4	0.0	-0.6	-1.5	-2.3	-1.2	-0.4	3.0	5.8	7.6	8.2	9.0	9.6	10.0	10.1	9.6	8.7	7.8	6.6	5.2	6.3	6.4	**4.6**	**10.1**	**-2.3**
24	6.5	4.9	3.5	3.7	4.5	4.0	3.4	3.3	4.0	6.2	8.5	9.8	10.5	11.1	11.2	10.7	10.4	10.0	9.4	9.0	8.6	8.1	7.2	7.5	**7.3**	**11.2**	**3.3**
25	6.9	5.3	4.8	4.7	4.5	4.4	4.4	4.4	4.9	5.9	6.4	7.1	7.6	7.5	7.0	7.2	7.3	7.0	6.9	6.6	6.5	6.5	6.4	6.3	**6.1**	**7.6**	**4.4**
26	6.0	5.9	6.1	5.8	6.0	6.5	6.6	6.6	6.7	7.3	7.7	7.6	7.9	7.5	7.3	7.4	6.3	6.0	5.6	5.0	3.5	1.5	0.0	-0.8	**5.7**	**7.9**	**-0.8**
27	-1.4	-2.4	-3.7	-4.3	-4.3	-4.5	-5.0	-5.5	-6.3	-6.3	-5.9	-5.0	-5.0	-4.4	-4.1	-4.0	-3.9	-3.8	-4.6	-4.5	-3.9	-4.2	-4.1	-3.9	**-4.4**	**-1.4**	**-6.3**
28	-4.4	-4.8	-5.2	-5.1	-5.4	-5.5	-6.2	-6.7	-5.8	-5.0	-4.2	-3.4	-2.7	-2.4	-1.9	-1.5	-2.0	-2.4	-3.0	-3.6	-4.3	-4.8	-5.3	-5.8	**-4.2**	**-1.5**	**-6.7**
29	-6.1	-6.4	-7.1	-7.4	-7.6	-7.8	-8.1	-8.0	-7.2	-6.3	-5.4	-4.5	-3.5	-2.8	-2.0	-1.6	-1.2	-1.4	-2.0	-2.6	-3.2	-3.6	-4.1	-4.6	**-4.8**	**-1.2**	**-8.1**
MEAN	**0.5**	**0.1**	**-0.3**	**-0.6**	**-0.8**	**-1.1**	**-1.3**	**-1.5**	**-1.0**	**0.0**	**1.0**	**1.9**	**2.5**	**3.0**	**3.3**	**3.6**	**3.5**	**3.0**	**2.4**	**1.9**	**1.4**	**1.0**	**0.8**	**0.6**	**1.0**		
MAX	**15.3**	**15.7**	**13.7**	**11.5**	**11.2**	**10.9**	**11.2**	**11.5**	**11.8**	**12.0**	**12.5**	**12.5**	**13.4**	**14.8**	**15.9**	**16.5**	**16.8**	**16.7**	**15.9**	**15.2**	**14.7**	**14.9**	**15.0**	**15.0**		**16.8**	
MIN	**-12.8**	**-12.8**	**-13.0**	**-13.3**	**-13.2**	**-13.0**	**-13.4**	**-12.8**	**-10.9**	**-7.8**	**-8.3**	**-8.1**	**-7.4**	**-7.1**	**-7.1**	**-6.9**	**-7.1**	**-7.9**	**-8.6**	**-9.4**	**-10.0**	**-10.6**	**-11.0**	**-12.2**			**-13.4**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 696 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 1.0 Deg C

MAXIMUM TEMPERATURE = 16.8 Deg C DATE OF OCCURRENCE = 2/3 AT 1700 MAXIMUM DAILY MEAN = 11.2 Deg C DATE OF OCCURRENCE = 2/3

MINIMUM TEMPERATURE = -13.4 Deg C DATE OF OCCURRENCE = 2/15 AT 0700 MINUMUM DAILY MEAN = -7.8 Deg C DATE OF OCCURRENCE = 2/14

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

TEMPERATURE in Deg C for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-4.9	-5.3	-6.0	-6.0	-6.1	-6.1	-6.1	-6.8	-5.0	-2.0	0.3	2.4	4.2	5.4	6.8	7.6	8.0	8.1	7.0	6.0	5.4	5.3	5.5	7.0	**1.0**	**8.1**	**-6.8**
2	8.7	9.3	10.0	10.6	10.4	10.0	10.2	10.0	10.7	11.6	12.6	12.7	12.3	10.8	8.6	8.1	7.7	7.9	8.0	8.0	8.0	8.2	8.3	8.5	**9.6**	**12.7**	**7.7**
3	8.7	9.1	9.2	9.3	9.4	9.5	9.4	8.9	8.6	8.8	10.3	11.2	11.9	12.3	13.3	13.1	10.8	9.1	8.6	7.9	6.4	6.1	6.2	5.7	**9.3**	**13.3**	**5.7**
4	5.2	4.7	3.9	3.4	2.7	2.2	2.0	2.1	3.2	5.4	7.4	8.7	10.2	10.3	8.6	7.6	8.7	8.0	7.0	5.9	4.7	3.4	2.6	2.2	**5.4**	**10.3**	**2.0**
5	1.5	-0.1	-0.7	-0.8	-1.6	-3.5	-3.5	-3.3	-1.4	2.0	3.7	5.2	6.5	7.8	9.2	10.0	10.1	10.3	9.7	7.5	4.6	2.4	0.7	-0.2	**3.2**	**10.3**	**-3.5**
6	-1.2	-1.5	1.1	1.5	0.9	1.6	1.5	1.5	2.6	3.3	3.5	3.4	3.1	2.1	3.2	4.1	3.0	2.1	1.4	0.5	0.6	0.6	0.3	-0.1	**1.6**	**4.1**	**-1.5**
7	-0.4	-0.9	-1.0	-1.2	-1.4	-1.5	-1.6	-1.7	-1.7	-1.5	-0.9	0.0	1.2	2.4	3.3	4.2	4.9	4.9	4.1	3.1	0.9	-1.0	-1.6	-1.6	**0.5**	**4.9**	**-1.7**
8	-0.2	0.4	0.0	-0.5	-1.0	-0.5	-0.6	-0.6	1.2	4.3	6.8	9.4	11.4	12.8	14.0	15.0	15.3	15.1	14.0	13.0	10.8	10.5	10.4	8.5	**7.1**	**15.3**	**-1.0**
9	9.1	10.4	11.3	11.0	10.6	10.4	10.5	10.4	11.4	12.9	14.3	15.9	17.2	17.5	17.9	18.1	17.6	17.4	16.7	15.8	15.5	15.0	14.7	14.8	**14.0**	**18.1**	**9.1**
10	15.3	16.0	14.6	12.0	11.0	11.1	12.1	13.0	12.5	11.5	11.8	12.5	13.0	12.2	10.2	8.9	8.1	7.4	6.3	5.5	4.6	4.1	3.7	3.4	**10.0**	**16.0**	**3.4**
11	2.9	2.6	2.6	2.6	2.5	2.6	2.7	2.9	3.1	3.6	4.1	4.6	5.1	5.9	7.0	7.5	7.6	7.8	7.7	7.5	7.3	7.2	6.6	5.4	**5.0**	**7.8**	**2.5**
12	4.8	5.0	5.2	5.5	5.9	6.1	7.0	7.3	8.3	10.1	11.5	12.8	14.1	14.7	16.1	16.9	17.4	17.8	17.7	17.3	16.2	15.6	15.0	13.8	**11.8**	**17.8**	**4.8**
13	13.7	13.5	13.2	13.2	14.0	14.2	13.4	12.8	10.8	8.7	8.5	9.1	10.3	11.6	11.8	11.8	11.8	10.8	9.7	8.6	7.6	6.5	5.7	5.0	**10.7**	**14.2**	**5.0**
14	4.5	3.9	3.0	2.4	1.9	0.9	-0.8	-0.2	1.7	2.5	3.8	4.8	5.5	5.9	6.0	5.9	5.1	3.0	0.8	0.1	0.0	0.1	-0.1	-0.1	**2.5**	**6.0**	**-0.8**
15	-0.4	-0.9	-1.0	-1.0	-1.0	-0.9	-0.8	-0.6	-0.1	0.2	1.8	3.7	5.5	6.7	7.5	7.9	8.3	8.5	8.0	5.7	5.3	4.0	2.6	1.3	**2.9**	**8.5**	**-1.0**
16	0.4	-0.7	-1.5	-2.0	-2.3	-2.1	-0.4	0.3	1.9	3.5	5.0	6.6	7.1	7.3	7.9	8.1	8.2	8.2	8.1	7.7	6.9	5.9	5.5	5.8	**4.0**	**8.2**	**-2.3**
17	6.0	6.1	6.1	5.9	5.8	5.5	5.3	5.1	5.1	5.7	6.0	5.9	5.9	5.5	5.5	6.2	6.3	6.1	5.8	5.7	5.5	5.1	4.7	4.4	**5.6**	**6.3**	**4.4**
18	3.9	3.3	1.6	0.3	-0.2	-1.1	0.1	1.0	3.1	5.6	7.3	8.8	10.4	11.8	12.9	12.7	11.2	10.0	9.5	9.3	9.6	10.7	12.1	12.5	**6.9**	**12.9**	**-1.1**
19	12.6	12.9	13.1	13.2	13.0	12.4	11.5	10.9	10.2	9.8	10.5	11.1	12.2	13.2	14.9	16.1	16.5	16.1	15.4	15.2	16.3	16.9	17.3	18.3	**13.7**	**18.3**	**9.8**
20	18.8	19.3	18.8	17.1	16.1	15.7	15.4	15.8	16.9	18.1	18.6	19.6	20.9	22.0	15.4	15.3	15.7	15.5	11.9	9.2	7.3	6.4	5.7	3.6	**15.0**	**22.0**	**3.6**
21	1.4	0.2	-0.5	-1.1	-1.8	-2.1	-2.0	-1.8	-1.8	-1.5	-1.0	-0.4	0.2	0.6	0.9	1.2	1.1	1.0	0.4	0.0	-0.3	-0.5	-0.8	-1.1	**-0.4**	**1.4**	**-2.1**
22	-1.4	-1.8	-1.9	-2.0	-2.3	-2.5	-2.8	-2.4	-1.0	0.7	2.5	3.8	5.1	6.4	7.6	8.5	9.4	9.8	9.4	8.8	7.1	5.6	5.6	5.5	**3.2**	**9.8**	**-2.8**
23	5.8	5.7	6.3	6.1	5.8	6.0	6.4	6.3	5.9	5.6	6.1	6.6	7.0	7.4	7.9	8.2	8.0	7.4	6.3	5.7	5.0	4.4	4.1	3.8	**6.1**	**8.2**	**3.8**
24	3.6	3.4	3.1	3.0	2.9	2.9	2.8	2.8	2.9	3.0	3.4	3.9	4.5	5.2	5.7	5.9	6.0	5.6	5.2	5.1	5.1	5.4	5.7	6.2	**4.3**	**6.2**	**2.8**
25	6.1	6.1	5.8	5.7	5.7	5.7	5.7	5.8	6.3	6.6	7.0	7.5	8.2	8.9	10.3	11.2	11.4	11.6	11.2	10.2	9.2	7.7	6.7	6.8	**7.8**	**11.6**	**5.7**
26	5.4	6.0	5.8	5.7	5.5	5.4	5.5	6.5	9.1	11.7	13.9	15.8	17.4	18.7	18.9	19.1	18.7	18.4	18.1	17.1	15.0	13.2	11.5	10.8	**12.2**	**19.1**	**5.4**
27	10.5	10.3	10.2	9.8	9.6	9.3	9.0	8.7	9.4	9.8	9.8	10.4	11.3	12.1	13.0	13.4	13.7	13.7	13.5	13.2	12.9	11.4	10.7	10.8	**11.1**	**13.7**	**8.7**
28	10.6	10.9	11.0	11.5	11.7	12.2	12.6	13.3	14.4	16.5	18.3	21.3	23.4	24.4	24.4	17.8	18.5	19.1	19.1	18.7	18.5	18.2	17.9	17.5	**16.7**	**24.4**	**10.6**
29	16.9	17.0	17.0	16.6	17.5	18.3	18.8	19.0	20.7	21.2	21.7	22.8	23.6	23.8	23.6	23.2	22.7	21.7	19.7	17.9	16.6	15.7	15.0	14.2	**19.4**	**23.8**	**14.2**
30	13.2	12.7	12.3	12.0	11.5	11.2	10.8	10.7	10.1	9.3	8.9	8.9	8.1	7.9	7.8	7.6	7.2	6.6	5.9	5.8	5.6	5.4	5.2	5.0	**8.7**	**13.2**	**5.0**
31	4.6	4.1	3.7	3.4	2.9	2.6	2.6	3.4	4.6	5.6	6.1	6.4	6.8	7.0	7.0	6.6	6.3	5.7	5.5	5.7	5.8	5.8	5.6	5.2	**5.1**	**7.0**	**2.6**
MEAN	**6.0**	**5.9**	**5.7**	**5.4**	**5.1**	**5.0**	**5.0**	**5.2**	**5.9**	**6.9**	**7.9**	**8.9**	**9.8**	**10.3**	**10.6**	**10.6**	**10.5**	**10.1**	**9.4**	**8.6**	**7.9**	**7.3**	**6.9**	**6.5**	**7.6**		
MAX	**18.8**	**19.3**	**18.8**	**17.1**	**17.5**	**18.3**	**18.8**	**19.0**	**20.7**	**21.2**	**21.7**	**22.8**	**23.6**	**24.4**	**24.4**	**23.2**	**22.7**	**21.7**	**19.7**	**18.7**	**18.5**	**18.2**	**17.9**	**18.3**		**24.4**	
MIN	**-4.9**	**-5.3**	**-6.0**	**-6.0**	**-6.1**	**-6.1**	**-6.1**	**-6.8**	**-5.0**	**-2.0**	**-1.0**	**-0.4**	**0.2**	**0.6**	**0.9**	**1.2**	**1.1**	**1.0**	**0.4**	**0.0**	**-0.3**	**-1.0**	**-1.6**	**-1.6**			**-6.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 7.6 Deg C

MAXIMUM TEMPERATURE = 24.4 Deg C DATE OF OCCURRENCE = 3/28 AT 1500 MAXIMUM DAILY MEAN = 19.4 Deg C DATE OF OCCURRENCE = 3/29

MINIMUM TEMPERATURE = -6.8 Deg C DATE OF OCCURRENCE = 3/1 AT 0800 MINUMUM DAILY MEAN = -0.4 Deg C DATE OF OCCURRENCE = 3/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

APPENDIX E

Hourly Relative Humidity Data for January through March 2020

HarmonCreek

RELATIVE HUMIDITY in % for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	93	94	91	87	76	73	66	65	69	66	63	61	61	60	58	56	56	60	63	67	70	70	74	76	**70**	**94**	**56**
2	76	76	79	77	77	75	73	72	68	62	52	44	40	37	40	45	47	54	66	79	88	88	93	98	**67**	**98**	**37**
3	99	98	98	99	98	99	99	99	98	99	99	99	98	97	96	96	96	97	98	98	98	98	99	99	**98**	**99**	**96**
4	100	100	100	100	98	98	98	96	94	94	94	89	90	90	94	93	93	94	93	92	92	92	94	85	**94**	**100**	**85**
5	81	78	80	77	82	75	73	72	73	75	77	73	74	75	76	78	78	78	80	80	80	78	73	70	**76**	**82**	**70**
6	70	70	70	64	64	69	70	66	67	65	61	59	56	49	48	46	48	50	54	54	56	57	59	60	**60**	**70**	**46**
7	62	65	69	71	77	78	88	87	83	84	78	67	62	65	62	55	47	33	32	40	41	44	47	50	**62**	**88**	**32**
8	57	63	65	63	62	59	57	52	50	48	50	60	77	70	62	48	45	48	55	58	59	62	63	70	**58**	**77**	**45**
9	74	75	79	76	76	75	74	75	74	72	66	57	46	36	33	30	33	34	36	36	39	39	38	36	**54**	**79**	**30**
10	36	34	32	34	38	42	46	60	74	80	81	79	71	71	81	84	85	89	85	77	74	72	67	65	**65**	**89**	**32**
11	64	65	66	70	71	70	70	70	69	71	67	62	55	51	51	50	50	73	90	91	91	91	92	89	**70**	**92**	**50**
12	83	77	65	65	68	78	82	74	73	72	72	76	74	75	77	75	76	77	77	79	80	80	80	83	**76**	**83**	**65**
13	86	87	88	91	91	96	96	93	90	89	82	71	68	64	60	58	59	62	67	74	81	90	93	93	**80**	**96**	**58**
14	90	92	91	92	91	88	87	87	87	86	84	87	95	94	87	81	77	79	80	82	84	86	88	89	**87**	**95**	**77**
15	91	93	90	86	87	87	87	87	96	91	94	97	92	84	70	66	68	70	83	90	93	93	88	79	**86**	**97**	**66**
16	74	77	83	79	79	69	69	64	61	61	63	59	56	58	70	70	62	75	68	60	59	63	69	72	**67**	**83**	**56**
17	73	75	78	72	65	62	62	64	67	68	65	63	61	56	55	54	53	53	56	58	59	62	60	60	**63**	**78**	**53**
18	61	60	73	92	90	90	88	88	88	92	93	94	95	94	94	93	93	92	92	90	82	77	72	73	**86**	**95**	**60**
19	83	80	73	73	75	74	73	72	76	75	75	69	72	71	69	71	73	73	73	76	77	76	79	80	**74**	**83**	**69**
20	83	84	84	85	86	87	87	89	89	86	77	71	66	67	65	61	62	70	79	80	77	75	83	91	**79**	**91**	**61**
21	91	90	89	88	88	90	91	90	84	70	66	66	65	65	65	63	62	64	67	75	83	87	91	92	**78**	**92**	**62**
22	92	91	90	90	89	88	89	88	85	79	69	58	53	47	40	39	40	42	47	56	57	64	67	62	**68**	**92**	**39**
23	74	75	82	88	90	89	90	87	84	81	78	70	50	29	30	30	31	31	38	43	45	46	46	43	**60**	**90**	**29**
24	45	49	44	45	47	48	47	45	44	64	78	87	91	93	94	87	84	87	90	93	90	86	91	95	**72**	**95**	**44**
25	96	93	96	97	99	99	100	99	93	93	91	89	83	77	78	84	90	90	93	92	93	95	95	97	**92**	**100**	**77**
26	95	91	93	90	93	90	90	91	93	91	89	89	89	86	87	86	87	88	90	90	92	88	89	89	**90**	**95**	**86**
27	88	88	89	89	89	89	90	91	93	92	95	91	90	88	88	89	91	92	91	90	88	86	86	88	**90**	**95**	**86**
28	88	87	87	87	87	88	92	96	97	96	92	90	90	86	89	88	84	85	88	81	78	79	84	87	**88**	**97**	**78**
29	87	85	83	86	85	88	88	82	80	73	70	67	65	64	67	67	67	68	68	69	70	71	72	75	**75**	**88**	**64**
30	79	82	85	89	90	90	90	90	89	87	83	78	73	68	67	67	65	66	67	68	69	68	70	73	**77**	**90**	**65**
31	74	78	75	78	76	77	78	80	81	79	77	74	73	71	72	83	92	98	99	99	99	100	99	100	**84**	**100**	**71**
MEAN	**79**	**79**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**79**	**77**	**74**	**72**	**69**	**69**	**68**	**68**	**70**	**73**	**75**	**76**	**76**	**77**	**78**	**76**		
MAX	**100**	**100**	**100**	**100**	**99**	**99**	**100**	**99**	**98**	**99**	**99**	**99**	**98**	**97**	**96**	**96**	**96**	**98**	**99**	**99**	**99**	**100**	**99**	**100**		**100**	
MIN	**36**	**34**	**32**	**34**	**38**	**42**	**46**	**45**	**44**	**48**	**50**	**44**	**40**	**29**	**30**	**30**	**31**	**31**	**32**	**36**	**39**	**39**	**38**	**36**			**29**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 76 %

MAXIMUM RELATIVE HUMIDITY = 100 % DATE OF OCCURRENCE = 1/4 AT 0300 MAXIMUM DAILY MEAN = 98 % DATE OF OCCURRENCE = 1/3

MINIMUM RELATIVE HUMIDITY = 29 % DATE OF OCCURRENCE = 1/23 AT 1400 MINUMUM DAILY MEAN = 54 % DATE OF OCCURRENCE = 1/9

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

RELATIVE HUMIDITY in % for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	100	100	100	100	97	95	94	93	92	92	91	89	89	90	91	88	89	91	93	94	97	98	97	96	**94**	**100**	**88**
2	95	93	88	87	85	85	84	89	86	83	79	69	63	56	50	46	46	48	50	51	54	56	58	60	**69**	**95**	**46**
3	62	63	66	70	73	78	79	83	80	75	64	55	49	46	41	39	39	39	41	43	44	42	42	42	**56**	**83**	**39**
4	42	40	60	79	82	86	85	82	80	80	79	83	84	88	93	97	97	96	95	95	94	93	91	91	**83**	**97**	**40**
5	90	91	90	90	88	84	75	75	76	76	71	65	64	63	61	57	58	62	64	70	91	96	98	98	**77**	**98**	**57**
6	99	99	99	100	100	100	100	100	100	100	100	100	100	98	97	97	98	99	99	99	99	99	99	98	**99**	**100**	**97**
7	98	97	96	96	98	99	99	98	96	96	95	94	92	90	90	82	78	88	94	86	85	88	86	87	**92**	**99**	**78**
8	88	87	88	87	87	89	90	92	92	92	89	81	76	73	75	88	91	92	95	97	97	96	95	94	**89**	**97**	**73**
9	94	91	94	94	94	95	94	94	92	89	83	78	73	69	70	70	71	72	73	85	82	75	59	56	**81**	**95**	**56**
10	74	89	90	93	94	95	97	98	97	97	96	95	95	96	95	97	98	98	98	99	99	100	100	100	**95**	**100**	**74**
11	100	100	100	100	100	100	100	100	99	98	96	96	92	93	93	91	82	80	81	82	83	77	76	76	**91**	**100**	**76**
12	75	74	71	70	72	74	85	86	84	72	72	72	72	72	70	71	76	95	99	99	100	100	99	98	**82**	**100**	**70**
13	99	100	100	100	100	100	99	99	99	98	97	94	91	91	89	82	79	80	81	80	82	85	89	78	**91**	**100**	**78**
14	78	78	76	73	80	78	74	73	69	60	58	50	49	49	48	51	50	52	56	62	66	71	75	88	**65**	**88**	**48**
15	91	90	89	89	86	84	86	82	74	68	63	58	48	42	40	38	35	36	38	43	44	43	42	42	**60**	**91**	**35**
16	41	41	42	44	50	52	54	52	52	52	50	51	52	52	55	72	82	82	84	86	91	95	97	98	**64**	**98**	**41**
17	98	98	97	96	96	95	94	94	96	93	72	58	52	44	40	37	40	39	41	46	47	47	44	43	**67**	**98**	**37**
18	44	45	46	50	51	52	54	74	74	80	78	76	81	90	96	95	91	68	66	69	69	69	72	76	**69**	**96**	**44**
19	77	80	81	84	84	83	84	85	81	73	67	61	54	47	43	38	35	35	39	43	44	45	46	47	**61**	**85**	**35**
20	51	52	54	65	77	80	81	74	73	70	63	53	58	64	62	60	59	57	51	54	56	60	65	68	**63**	**81**	**51**
21	70	73	78	86	86	84	86	88	83	68	60	53	48	43	36	33	33	32	36	39	41	44	46	48	**58**	**88**	**32**
22	49	49	50	51	51	53	55	56	52	45	39	35	30	25	23	22	23	24	26	29	31	33	32	32	**38**	**56**	**22**
23	34	37	37	37	39	43	46	41	40	34	30	26	25	25	25	25	24	24	26	28	31	36	35	37	**33**	**46**	**24**
24	38	43	48	48	45	48	51	52	51	47	44	43	41	41	40	43	44	47	53	55	57	58	62	66	**48**	**66**	**38**
25	72	87	91	92	93	93	92	93	89	87	89	91	91	92	96	96	95	97	98	98	98	99	99	99	**93**	**99**	**72**
26	100	100	100	100	100	100	96	93	93	91	88	90	91	93	97	96	94	96	97	92	93	94	90	87	**95**	**100**	**87**
27	85	77	83	85	81	82	78	82	67	70	71	68	80	78	71	65	61	63	83	84	60	58	62	65	**73**	**85**	**58**
28	77	85	87	82	83	81	83	85	78	67	60	57	54	52	47	43	44	45	46	49	53	55	59	66	**64**	**87**	**43**
29	59	62	66	69	70	73	76	77	76	71	63	56	51	47	42	41	40	41	45	51	55	58	61	64	**59**	**77**	**40**
MEAN	**75**	**77**	**78**	**80**	**81**	**81**	**82**	**82**	**80**	**77**	**73**	**69**	**67**	**66**	**65**	**64**	**64**	**65**	**67**	**69**	**70**	**71**	**72**	**72**	**73**		
MAX	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**98**	**97**	**97**	**98**	**99**	**99**	**99**	**100**	**100**	**100**	**100**		**100**	
MIN	**34**	**37**	**37**	**37**	**39**	**43**	**46**	**41**	**40**	**34**	**30**	**26**	**25**	**25**	**23**	**22**	**23**	**24**	**26**	**28**	**31**	**33**	**32**	**32**			**22**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 696 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 73 %

MAXIMUM RELATIVE HUMIDITY = 100 % DATE OF OCCURRENCE = 2/6 AT 1100 MAXIMUM DAILY MEAN = 99 % DATE OF OCCURRENCE = 2/6

MINIMUM RELATIVE HUMIDITY = 22 % DATE OF OCCURRENCE = 2/22 AT 1600 MINUMUM DAILY MEAN = 33 % DATE OF OCCURRENCE = 2/23

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

RELATIVE HUMIDITY in % for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	67	69	72	72	72	70	70	73	69	57	46	38	32	29	27	26	26	26	29	31	32	33	32	31	**47**	**73**	**26**
2	33	36	39	40	42	45	46	49	46	45	44	47	49	61	84	91	95	96	96	97	99	99	99	98	**66**	**99**	**33**
3	98	97	97	97	96	95	96	98	97	97	95	91	85	80	73	77	78	70	62	66	77	76	68	67	**85**	**98**	**62**
4	67	67	73	73	74	73	70	68	65	55	49	46	42	42	56	69	63	67	69	73	74	80	84	82	**66**	**84**	**42**
5	82	89	90	90	91	96	96	95	91	74	59	51	48	42	37	33	33	32	32	41	55	66	72	77	**66**	**96**	**32**
6	82	81	69	70	75	76	80	83	81	79	75	76	78	88	80	71	80	84	86	86	84	82	81	82	**80**	**88**	**69**
7	82	85	84	83	81	79	78	76	73	70	65	61	56	53	49	45	41	42	44	48	58	69	72	72	**65**	**85**	**41**
8	63	60	61	64	67	66	68	68	64	51	42	34	25	20	17	14	14	16	16	16	21	21	22	28	**39**	**68**	**14**
9	27	26	25	27	29	30	31	32	32	31	31	29	29	31	31	30	30	30	31	33	32	32	32	31	**30**	**33**	**25**
10	30	34	49	71	77	76	69	67	75	87	87	87	87	91	93	90	84	84	86	88	90	90	89	89	**78**	**93**	**30**
11	89	89	91	91	92	93	93	93	93	92	91	91	92	90	86	85	87	87	87	89	90	91	94	98	**91**	**98**	**85**
12	99	98	99	98	97	97	94	94	91	80	68	63	59	59	54	52	51	49	48	47	53	60	67	78	**73**	**99**	**47**
13	80	85	91	95	94	87	79	78	66	55	50	45	41	35	33	28	26	26	27	30	37	43	48	53	**55**	**95**	**26**
14	55	53	50	50	50	54	66	61	53	51	46	41	39	39	37	38	46	67	92	97	99	98	99	99	**62**	**99**	**37**
15	98	99	99	99	98	97	95	95	93	92	84	75	63	53	47	45	42	42	43	57	56	56	58	61	**73**	**99**	**42**
16	64	72	78	82	81	82	81	74	68	65	60	58	62	64	63	60	60	59	57	61	74	85	91	95	**71**	**95**	**57**
17	97	97	96	98	98	98	99	98	97	93	90	89	88	89	88	81	75	72	70	69	68	69	67	67	**85**	**99**	**67**
18	69	73	86	93	92	95	86	83	77	68	65	60	55	54	55	60	75	88	92	95	95	95	94	95	**79**	**95**	**54**
19	98	98	98	97	94	93	92	92	94	94	89	87	83	81	76	72	74	80	89	94	93	92	94	88	**89**	**98**	**72**
20	83	79	83	94	95	95	94	92	91	88	83	77	65	52	85	82	85	71	75	75	74	71	70	80	**81**	**95**	**52**
21	85	85	82	79	77	76	76	76	73	72	67	65	62	62	60	59	59	60	64	66	67	69	69	71	**70**	**85**	**59**
22	72	71	72	74	76	78	80	80	73	66	58	54	50	45	38	36	35	33	33	35	54	68	64	65	**59**	**80**	**33**
23	64	62	59	61	66	68	69	74	87	96	97	97	97	98	99	97	93	91	90	87	86	81	83	84	**83**	**99**	**59**
24	85	84	85	84	84	82	80	82	81	81	80	78	76	74	72	73	72	75	77	78	79	79	79	78	**79**	**85**	**72**
25	82	86	92	95	96	94	92	90	85	82	79	77	74	71	66	63	61	61	64	67	70	77	82	81	**79**	**96**	**61**
26	87	84	86	90	92	93	92	86	74	60	52	41	32	27	28	31	36	39	40	44	59	73	88	95	**64**	**95**	**27**
27	95	95	95	98	98	99	99	100	97	92	89	84	79	76	72	70	69	69	70	71	73	86	93	93	**86**	**100**	**69**
28	95	93	95	96	97	95	94	93	91	87	82	73	69	66	64	91	94	94	93	95	95	96	97	92	**89**	**97**	**64**
29	90	91	86	87	86	80	75	75	67	65	63	53	42	28	24	28	29	28	31	37	42	44	47	50	**56**	**91**	**24**
30	53	50	49	41	38	40	43	47	53	59	58	56	59	60	61	64	68	73	80	81	82	82	81	82	**61**	**82**	**38**
31	83	85	88	89	91	94	94	93	85	68	66	67	65	65	66	71	77	86	90	87	86	86	90	94	**82**	**94**	**65**
MEAN	**76**	**77**	**78**	**80**	**80**	**80**	**80**	**79**	**77**	**73**	**68**	**64**	**61**	**59**	**59**	**59**	**60**	**61**	**63**	**66**	**69**	**73**	**74**	**76**	**71**		
MAX	**99**	**99**	**99**	**99**	**98**	**99**	**99**	**100**	**97**	**97**	**97**	**97**	**97**	**98**	**99**	**97**	**95**	**96**	**96**	**97**	**99**	**99**	**99**	**99**		**100**	
MIN	**27**	**26**	**25**	**27**	**29**	**30**	**31**	**32**	**32**	**31**	**31**	**29**	**25**	**20**	**17**	**14**	**14**	**16**	**16**	**16**	**21**	**21**	**22**	**28**			**14**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 71 %

MAXIMUM RELATIVE HUMIDITY = 100 % DATE OF OCCURRENCE = 3/27 AT 0800 MAXIMUM DAILY MEAN = 91 % DATE OF OCCURRENCE = 3/11

MINIMUM RELATIVE HUMIDITY = 14 % DATE OF OCCURRENCE = 3/8 AT 1700 MINUMUM DAILY MEAN = 30 % DATE OF OCCURRENCE = 3/9

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DEW POINT TEMPERATURE in Deg C for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-3.4	-3.0	-2.9	-3.1	-4.8	-5.5	-6.6	-6.8	-6.1	-6.2	-6.4	-6.1	-5.6	-5.1	-4.7	-4.6	-4.6	-4.3	-4.3	-4.3	-4.3	-4.1	-3.9	-3.6	**-4.8**	**-2.9**	**-6.8**
2	-3.4	-3.1	-3.1	-3.0	-3.1	-3.3	-3.4	-3.6	-3.8	-3.9	-4.2	-4.8	-5.4	-5.6	-4.1	-2.5	-1.6	0.1	2.7	5.0	6.0	6.3	6.7	7.4	**-1.1**	**7.4**	**-5.6**
3	7.9	8.7	9.0	9.2	9.3	9.4	9.5	9.5	9.5	9.5	9.6	9.7	9.9	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.1	9.9	9.9	9.8	**9.6**	**10.1**	**7.9**
4	9.7	9.7	9.3	9.3	7.3	6.5	5.9	5.3	4.8	4.6	4.4	3.5	3.1	2.9	3.0	2.6	2.2	1.6	0.6	0.1	-0.2	-0.5	-0.7	-2.5	**3.8**	**9.7**	**-2.5**
5	-3.6	-4.3	-4.0	-4.3	-4.1	-5.2	-5.5	-5.8	-5.8	-5.4	-5.1	-5.7	-5.4	-5.0	-4.8	-4.4	-4.0	-3.9	-3.4	-3.0	-2.8	-2.5	-2.5	-2.3	**-4.3**	**-2.3**	**-5.8**
6	-1.8	-1.5	-1.4	-2.3	-2.4	-1.7	-1.7	-2.8	-3.2	-3.8	-4.7	-4.7	-4.9	-5.9	-5.7	-6.0	-5.7	-5.9	-5.6	-5.6	-5.5	-5.5	-5.4	-5.2	**-4.1**	**-1.4**	**-6.0**
7	-5.1	-5.1	-5.2	-5.2	-5.1	-5.4	-5.3	-5.2	-5.4	-5.0	-4.9	-5.2	-5.1	-3.9	-3.8	-4.5	-6.2	-11.3	-12.0	-10.2	-9.7	-8.4	-7.6	-6.6	**-6.3**	**-3.8**	**-12.0**
8	-5.3	-4.3	-3.9	-4.5	-5.1	-6.1	-6.7	-8.5	-9.6	-10.3	-10.0	-8.6	-6.1	-7.5	-8.7	-11.6	-12.4	-12.1	-11.5	-11.5	-11.9	-11.9	-12.0	-11.5	**-8.8**	**-3.9**	**-12.4**
9	-11.5	-11.6	-11.5	-11.7	-11.4	-11.3	-11.3	-11.1	-10.8	-10.1	-9.6	-9.6	-9.7	-9.9	-9.8	-10.0	-9.3	-9.0	-8.6	-8.5	-7.3	-5.4	-5.0	-5.1	**-9.6**	**-5.0**	**-11.7**
10	-5.1	-5.3	-5.5	-4.7	-3.4	-1.6	-0.2	2.2	4.0	4.8	5.7	6.7	6.7	7.2	8.3	8.6	9.0	9.5	9.5	8.9	8.5	8.3	8.0	7.9	**4.1**	**9.5**	**-5.5**
11	7.7	7.6	7.8	8.3	8.6	8.6	9.0	9.5	9.9	10.6	10.8	10.9	11.1	11.0	11.1	11.2	11.3	13.5	14.2	13.7	13.5	13.4	13.3	13.5	**10.8**	**14.2**	**7.6**
12	13.5	12.5	9.6	7.6	5.7	4.8	3.8	1.9	1.0	0.6	0.4	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.6	0.6	0.8	0.7	0.4	0.2	**2.9**	**13.5**	**0.2**
13	0.0	-0.1	-0.2	-0.4	-0.6	-0.9	-1.3	0.7	1.8	2.1	2.3	1.6	1.6	1.8	1.7	1.6	1.5	1.5	1.3	1.3	1.1	0.4	-0.1	-0.2	**0.8**	**2.3**	**-1.3**
14	-0.1	-0.4	-0.3	-0.3	-0.4	-0.1	0.0	0.1	0.5	1.2	2.6	4.3	8.1	8.0	7.5	6.8	6.0	5.7	5.1	4.7	4.2	3.7	3.4	3.0	**3.1**	**8.1**	**-0.4**
15	2.9	2.6	2.2	1.3	1.2	1.0	0.8	0.4	0.6	0.7	0.4	1.5	3.0	3.6	3.6	4.2	4.5	4.5	6.1	8.1	10.4	10.9	10.0	7.2	**3.8**	**10.9**	**0.4**
16	5.6	5.3	4.2	2.3	1.3	-1.0	-1.7	-3.9	-4.7	-4.4	-3.7	-4.5	-5.9	-6.2	-4.5	-5.1	-6.7	-5.2	-6.6	-8.6	-9.0	-8.7	-7.9	-7.8	**-3.6**	**5.6**	**-9.0**
17	-7.9	-7.6	-7.2	-8.4	-10.2	-11.1	-11.3	-10.9	-10.4	-10.0	-10.6	-10.5	-10.4	-10.9	-10.6	-10.6	-10.9	-11.0	-10.5	-10.4	-10.3	-10.0	-10.2	-10.1	**-10.1**	**-7.2**	**-11.3**
18	-10.0	-10.1	-8.3	-6.0	-5.6	-5.2	-4.9	-4.6	-4.1	-2.3	-1.0	-0.4	0.2	1.0	2.3	3.5	5.0	6.0	6.6	6.7	3.3	0.9	-1.1	-1.4	**-1.2**	**6.7**	**-10.1**
19	-0.7	-1.8	-4.3	-5.8	-6.3	-7.0	-8.0	-9.1	-9.3	-9.7	-9.7	-11.0	-11.1	-11.8	-12.8	-12.8	-12.6	-13.1	-13.2	-12.9	-12.8	-13.0	-12.6	-12.4	**-9.7**	**-0.7**	**-13.2**
20	-12.1	-12.2	-12.2	-12.0	-11.7	-11.6	-11.3	-11.3	-11.1	-10.2	-10.2	-10.6	-10.8	-10.5	-10.6	-11.0	-11.0	-9.8	-9.2	-9.4	-10.4	-11.1	-11.1	-11.0	**-10.9**	**-9.2**	**-12.2**
21	-11.5	-11.6	-11.1	-10.6	-10.0	-9.4	-9.1	-9.2	-9.8	-11.9	-12.4	-12.1	-12.2	-11.9	-11.6	-11.6	-11.6	-11.5	-11.7	-11.4	-11.5	-11.8	-12.3	-12.7	**-11.3**	**-9.1**	**-12.7**
22	-13.1	-13.3	-13.6	-13.9	-14.0	-14.1	-14.3	-14.3	-13.4	-10.7	-9.2	-9.6	-9.5	-9.8	-10.7	-10.6	-10.1	-10.0	-9.4	-8.9	-8.9	-8.4	-8.3	-9.0	**-11.1**	**-8.3**	**-14.3**
23	-8.3	-8.3	-8.1	-8.2	-8.5	-9.1	-9.0	-9.1	-8.7	-7.0	-4.7	-4.3	-5.4	-10.3	-9.9	-9.8	-9.6	-9.2	-7.9	-6.8	-6.3	-6.3	-6.4	-6.8	**-7.8**	**-4.3**	**-10.3**
24	-6.8	-6.3	-7.1	-7.0	-6.5	-6.6	-6.7	-7.0	-7.1	-3.3	-0.8	1.3	4.0	4.9	5.6	5.3	5.1	5.3	5.8	5.9	5.1	4.6	4.9	5.0	**-0.1**	**5.9**	**-7.1**
25	4.9	4.9	4.9	4.8	4.4	4.6	4.7	4.7	3.2	2.7	2.6	2.5	1.7	0.9	0.6	1.1	1.4	1.0	0.5	-0.1	-0.2	-0.2	-0.3	-0.3	**2.3**	**4.9**	**-0.3**
26	-0.4	-1.0	-0.9	-1.4	-1.4	-1.7	-1.9	-1.8	-1.6	-1.7	-1.8	-1.8	-1.6	-1.7	-1.7	-1.8	-1.7	-1.7	-1.4	-1.5	-1.3	-1.4	-1.1	-1.0	**-1.5**	**-0.4**	**-1.9**
27	-1.0	-1.0	-0.9	-0.8	-0.7	-0.8	-0.9	-1.0	-1.0	-1.1	-0.7	-1.0	-1.0	-1.3	-1.3	-1.3	-1.0	-1.0	-1.0	-1.1	-1.6	-1.9	-1.9	-1.7	**-1.1**	**-0.7**	**-1.9**
28	-1.6	-1.7	-1.8	-1.9	-2.0	-1.7	-1.2	-0.8	-0.6	-0.7	-1.0	-1.1	-1.1	-1.4	-1.2	-1.5	-2.1	-2.3	-2.2	-3.3	-3.8	-3.7	-3.2	-2.9	**-1.9**	**-0.6**	**-3.8**
29	-2.9	-3.3	-3.5	-3.2	-3.3	-3.0	-3.0	-4.0	-4.5	-5.6	-6.0	-6.0	-6.0	-6.2	-5.7	-5.9	-6.1	-6.3	-6.5	-6.4	-6.4	-6.7	-6.8	-6.7	**-5.2**	**-2.9**	**-6.8**
30	-6.7	-6.7	-6.7	-6.6	-6.6	-6.5	-6.4	-6.3	-6.0	-5.9	-5.6	-5.4	-5.2	-5.7	-5.6	-5.7	-5.9	-5.9	-5.9	-5.8	-5.7	-5.9	-5.6	-5.2	**-6.0**	**-5.2**	**-6.7**
31	-5.1	-4.6	-4.9	-4.5	-4.6	-4.4	-4.2	-4.0	-3.7	-3.4	-2.9	-2.6	-2.3	-2.0	-1.4	-0.3	0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	**-2.3**	**0.1**	**-5.1**
MEAN	**-2.4**	**-2.5**	**-2.6**	**-2.8**	**-3.0**	**-3.2**	**-3.3**	**-3.4**	**-3.4**	**-3.1**	**-2.8**	**-2.7**	**-2.4**	**-2.6**	**-2.4**	**-2.5**	**-2.5**	**-2.4**	**-2.2**	**-2.1**	**-2.2**	**-2.2**	**-2.2**	**-2.3**	**-2.6**		
MAX	**13.5**	**12.5**	**9.6**	**9.3**	**9.3**	**9.4**	**9.5**	**9.5**	**9.9**	**10.6**	**10.8**	**10.9**	**11.1**	**11.0**	**11.1**	**11.2**	**11.3**	**13.5**	**14.2**	**13.7**	**13.5**	**13.4**	**13.3**	**13.5**		**14.2**	
MIN	**-13.1**	**-13.3**	**-13.6**	**-13.9**	**-14.0**	**-14.1**	**-14.3**	**-14.3**	**-13.4**	**-11.9**	**-12.4**	**-12.1**	**-12.2**	**-11.9**	**-12.8**	**-12.8**	**-12.6**	**-13.1**	**-13.2**	**-12.9**	**-12.8**	**-13.0**	**-12.6**	**-12.7**			**-14.3**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = -2.6 Deg C

MAXIMUM DEW POINT TEMPERATURE = 14.2 Deg C DATE OF OCCURRENCE = 1/11 AT 1900 MAXIMUM DAILY MEAN = 10.8 Deg C DATE OF OCCURRENCE = 1/11

MINIMUM DEW POINT TEMPERATURE = -14.3 Deg C DATE OF OCCURRENCE = 1/22 AT 0700 MINUMUM DAILY MEAN = -11.3 Deg C DATE OF OCCURRENCE = 1/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DEW POINT TEMPERATURE in Deg C for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-0.2	-0.2	-0.3	-0.4	-1.1	-1.7	-1.9	-2.3	-2.5	-2.4	-2.4	-2.3	-1.9	-1.5	-1.2	-1.4	-1.4	-1.1	-0.8	-0.5	-0.3	-0.2	0.1	0.2	**-1.2**	**0.2**	**-2.5**
2	0.2	-0.3	-1.2	-1.5	-1.8	-1.9	-2.1	-1.8	-1.9	-1.8	-1.3	-0.7	0.4	0.6	0.8	0.6	0.9	1.3	1.6	2.1	2.3	2.5	2.4	2.2	**0.1**	**2.5**	**-2.1**
3	1.8	1.6	1.8	2.0	2.1	1.6	1.5	1.3	1.4	1.9	3.0	2.9	2.9	3.2	2.8	2.6	2.9	2.7	2.7	2.7	2.6	2.2	2.1	2.2	**2.3**	**3.2**	**1.3**
4	2.3	2.2	5.9	8.0	8.2	8.6	8.7	8.5	8.3	8.7	8.9	9.7	10.2	10.9	11.2	11.5	9.4	5.5	2.9	1.4	0.5	-0.6	-1.5	-1.3	**6.2**	**11.5**	**-1.5**
5	-1.5	-1.7	-1.8	-2.1	-2.5	-3.7	-5.5	-5.7	-5.5	-5.3	-5.8	-6.3	-5.9	-5.7	-5.6	-5.8	-5.3	-4.8	-4.5	-3.4	-0.8	0.5	0.8	0.6	**-3.6**	**0.8**	**-6.3**
6	0.8	1.0	1.1	1.2	1.4	1.4	1.4	1.8	2.1	2.5	2.8	3.1	3.1	1.9	1.9	2.8	3.3	2.1	1.6	1.1	0.5	0.1	-0.3	-0.5	**1.6**	**3.3**	**-0.5**
7	-0.8	-1.1	-1.5	-2.0	-2.1	-2.3	-2.9	-3.5	-3.9	-4.0	-3.9	-3.7	-4.1	-4.5	-4.4	-5.0	-5.3	-4.2	-3.8	-4.7	-5.1	-4.9	-5.4	-5.8	**-3.7**	**-0.8**	**-5.8**
8	-6.1	-6.2	-6.4	-6.4	-6.6	-6.6	-6.2	-6.0	-5.6	-4.8	-4.2	-4.5	-4.7	-5.1	-4.7	-3.3	-2.8	-2.8	-2.4	-2.3	-2.2	-2.1	-2.0	-2.0	**-4.4**	**-2.0**	**-6.6**
9	-2.0	-2.7	-2.5	-2.4	-2.5	-2.5	-2.9	-3.2	-3.2	-2.8	-2.8	-3.0	-3.2	-3.8	-3.6	-3.4	-3.0	-2.6	-2.2	-0.8	-1.0	-1.6	-2.3	-2.3	**-2.6**	**-0.8**	**-3.8**
10	0.9	3.0	3.8	4.4	4.8	5.0	5.4	5.8	6.2	6.6	6.9	7.0	7.3	7.5	7.6	7.3	4.9	4.4	3.8	3.5	3.5	3.5	3.5	3.5	**5.0**	**7.6**	**0.9**
11	3.5	3.5	3.1	2.5	2.1	1.4	0.8	0.4	0.0	-0.3	-0.6	-0.4	0.2	0.5	0.6	0.4	-0.3	-0.7	-0.7	-0.7	-0.6	-1.6	-2.2	-2.5	**0.3**	**3.5**	**-2.5**
12	-3.1	-3.7	-4.6	-5.4	-5.6	-5.6	-4.6	-4.8	-4.7	-5.3	-4.9	-4.1	-3.7	-3.1	-2.9	-2.5	-1.8	-0.2	-0.1	-0.1	-0.1	0.0	0.2	0.5	**-2.9**	**0.5**	**-5.6**
13	0.6	0.5	0.5	0.4	0.2	0.1	0.1	0.0	-0.2	-0.5	-0.5	-0.7	-0.8	-0.9	-0.8	-1.5	-2.1	-2.1	-2.0	-2.2	-2.1	-2.1	-3.7	-6.0	**-1.1**	**0.6**	**-6.0**
14	-7.0	-7.8	-9.0	-10.0	-9.8	-10.5	-11.6	-12.1	-12.6	-14.3	-15.1	-16.7	-16.3	-15.9	-16.3	-15.4	-15.9	-16.1	-15.9	-15.4	-15.1	-14.9	-14.5	-13.7	**-13.4**	**-7.0**	**-16.7**
15	-14.0	-14.1	-14.4	-14.7	-15.1	-15.1	-15.2	-14.9	-13.7	-12.1	-11.5	-11.3	-12.2	-12.6	-11.9	-11.7	-12.2	-11.9	-11.6	-10.7	-10.2	-10.3	-10.3	-10.1	**-12.6**	**-10.1**	**-15.2**
16	-10.2	-9.9	-9.2	-8.7	-7.3	-6.5	-6.0	-6.5	-6.3	-5.8	-5.2	-4.9	-4.5	-4.6	-4.1	-1.7	-0.5	-0.5	-0.7	-0.8	-1.2	-1.8	-2.7	-2.8	**-4.7**	**-0.5**	**-10.2**
17	-2.4	-2.8	-4.3	-5.4	-5.7	-6.6	-7.2	-6.8	-5.2	-2.4	-2.4	-3.8	-4.0	-5.0	-5.6	-6.1	-4.9	-5.7	-5.4	-4.2	-4.0	-4.2	-4.5	-4.8	**-4.7**	**-2.4**	**-7.2**
18	-4.3	-3.7	-2.6	-1.2	0.4	0.9	1.6	5.0	5.1	6.0	6.1	6.1	6.7	7.6	8.1	8.4	8.2	2.7	1.0	1.1	0.3	-0.7	-0.9	-1.1	**2.5**	**8.4**	**-4.3**
19	-2.0	-2.7	-3.5	-3.7	-4.3	-5.1	-5.3	-5.6	-5.6	-6.0	-6.2	-6.5	-7.1	-8.2	-8.6	-9.9	-10.8	-11.5	-11.6	-11.4	-11.8	-12.3	-12.7	-12.8	**-7.7**	**-2.0**	**-12.8**
20	-12.3	-12.4	-12.2	-10.6	-9.5	-9.7	-9.6	-10.3	-9.6	-9.3	-9.6	-11.3	-10.5	-9.3	-9.9	-10.4	-10.8	-11.7	-13.8	-13.9	-14.0	-14.0	-13.8	-13.8	**-11.3**	**-9.3**	**-14.0**
21	-13.9	-14.1	-13.8	-13.8	-14.0	-14.1	-14.4	-14.4	-13.2	-12.4	-12.6	-12.9	-13.0	-13.0	-14.1	-14.5	-14.3	-14.8	-14.1	-13.7	-13.4	-13.1	-12.8	-12.7	**-13.6**	**-12.4**	**-14.8**
22	-12.7	-12.7	-12.6	-12.4	-12.3	-12.2	-12.2	-12.2	-12.1	-12.1	-12.2	-12.2	-12.6	-13.3	-13.6	-13.4	-12.9	-12.6	-12.5	-12.5	-12.6	-12.5	-12.7	-12.9	**-12.6**	**-12.1**	**-13.6**
23	-12.7	-12.5	-12.7	-12.8	-12.7	-12.4	-12.3	-12.9	-12.2	-11.3	-10.3	-10.8	-10.5	-9.9	-9.4	-9.2	-9.7	-10.0	-9.9	-9.7	-9.4	-8.6	-7.9	-7.2	**-10.7**	**-7.2**	**-12.9**
24	-6.9	-6.7	-6.6	-6.4	-6.3	-6.1	-5.8	-5.7	-5.3	-4.4	-3.2	-2.2	-2.0	-1.8	-1.9	-1.3	-1.2	-0.9	0.3	0.5	0.5	0.3	0.4	1.4	**-3.0**	**1.4**	**-6.9**
25	2.2	3.3	3.5	3.4	3.4	3.4	3.2	3.3	3.3	3.8	4.7	5.6	6.3	6.3	6.4	6.6	6.5	6.5	6.6	6.4	6.3	6.3	6.2	6.2	**5.0**	**6.6**	**2.2**
26	6.0	5.9	6.1	5.8	6.1	6.5	6.0	5.5	5.6	5.9	5.9	6.2	6.6	6.4	6.9	6.8	5.4	5.4	5.2	3.9	2.4	0.7	-1.4	-2.6	**4.9**	**6.9**	**-2.6**
27	-3.6	-6.0	-6.2	-6.5	-7.1	-7.1	-8.3	-8.1	-11.5	-10.9	-10.4	-10.0	-7.9	-7.7	-8.6	-9.7	-10.3	-9.8	-7.2	-6.8	-10.5	-11.3	-10.2	-9.6	**-8.6**	**-3.6**	**-11.5**
28	-7.8	-6.9	-7.1	-7.8	-7.9	-8.2	-8.7	-8.8	-9.0	-10.2	-10.9	-10.8	-10.7	-10.9	-11.8	-12.4	-12.7	-12.6	-13.0	-12.8	-12.4	-12.4	-12.1	-11.2	**-10.4**	**-6.9**	**-13.0**
29	-12.7	-12.4	-12.4	-12.2	-12.1	-11.9	-11.7	-11.2	-10.7	-10.7	-11.3	-11.9	-12.2	-12.6	-13.4	-13.1	-13.1	-13.1	-12.3	-11.5	-11.0	-10.6	-10.5	-10.3	**-11.9**	**-10.3**	**-13.4**
MEAN	**-4.1**	**-4.1**	**-4.1**	**-4.1**	**-4.1**	**-4.2**	**-4.3**	**-4.3**	**-4.2**	**-3.9**	**-3.8**	**-3.8**	**-3.6**	**-3.6**	**-3.7**	**-3.6**	**-3.8**	**-4.1**	**-4.1**	**-4.0**	**-4.1**	**-4.3**	**-4.4**	**-4.5**	**-4.0**		
MAX	**6.0**	**5.9**	**6.1**	**8.0**	**8.2**	**8.6**	**8.7**	**8.5**	**8.3**	**8.7**	**8.9**	**9.7**	**10.2**	**10.9**	**11.2**	**11.5**	**9.4**	**6.5**	**6.6**	**6.4**	**6.3**	**6.3**	**6.2**	**6.2**		**11.5**	
MIN	**-14.0**	**-14.1**	**-14.4**	**-14.7**	**-15.1**	**-15.1**	**-15.2**	**-14.9**	**-13.7**	**-14.3**	**-15.1**	**-16.7**	**-16.3**	**-15.9**	**-16.3**	**-15.4**	**-15.9**	**-16.1**	**-15.9**	**-15.4**	**-15.1**	**-14.9**	**-14.5**	**-13.8**			**-16.7**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 696 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = -4.0 Deg C

MAXIMUM DEW POINT TEMPERATURE = 11.5 Deg C DATE OF OCCURRENCE = 2/4 AT 1600 MAXIMUM DAILY MEAN = 6.2 Deg C DATE OF OCCURRENCE = 2/4

MINIMUM DEW POINT TEMPERATURE = -16.7 Deg C DATE OF OCCURRENCE = 2/14 AT 1200 MINUMUM DAILY MEAN = -13.6 Deg C DATE OF OCCURRENCE = 2/21

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

DEW POINT TEMPERATURE in Deg C for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	-10.2	-10.1	-10.3	-10.3	-10.4	-10.7	-10.8	-10.8	-9.8	-9.5	-10.0	-10.5	-11.1	-11.2	-11.0	-10.7	-10.5	-10.2	-10.0	-10.0	-9.9	-9.7	-9.8	-9.1	**-10.3**	**-9.1**	**-11.2**
2	-6.7	-4.9	-3.4	-2.4	-1.9	-1.4	-0.9	-0.2	-0.5	0.2	0.6	1.8	1.8	3.6	6.2	6.7	7.0	7.2	7.3	7.6	7.8	8.0	8.2	8.3	**2.5**	**8.3**	**-6.7**
3	8.5	8.6	8.8	8.8	8.8	8.8	8.8	8.6	8.2	8.4	9.6	9.7	9.4	9.0	8.6	9.1	7.1	3.9	1.8	1.9	2.6	2.2	0.8	0.0	**6.7**	**9.7**	**0.0**
4	-0.4	-0.8	-0.5	-0.9	-1.4	-2.2	-2.9	-3.1	-2.7	-2.9	-2.6	-2.4	-2.2	-2.2	0.1	2.3	2.0	2.2	1.7	1.3	0.4	0.3	0.3	-0.5	**-0.7**	**2.3**	**-3.1**
5	-1.2	-1.8	-2.1	-2.3	-2.9	-4.1	-4.0	-4.1	-2.7	-2.1	-3.5	-4.1	-3.8	-4.4	-4.7	-5.6	-5.2	-5.6	-6.2	-4.9	-3.9	-3.2	-3.7	-3.8	**-3.8**	**-1.2**	**-6.2**
6	-3.9	-4.4	-3.9	-3.4	-3.1	-2.3	-1.6	-1.0	-0.3	0.0	-0.5	-0.5	-0.3	0.4	0.2	-0.8	-0.2	-0.3	-0.7	-1.5	-1.8	-2.1	-2.5	-2.7	**-1.6**	**0.4**	**-4.4**
7	-3.2	-3.1	-3.4	-3.8	-4.3	-4.7	-5.0	-5.3	-5.9	-6.2	-6.7	-6.5	-6.7	-6.2	-6.3	-6.8	-7.4	-7.1	-6.9	-6.9	-6.4	-6.0	-5.9	-6.1	**-5.7**	**-3.1**	**-7.4**
8	-6.5	-6.5	-6.6	-6.4	-6.3	-6.1	-5.9	-5.7	-4.9	-4.8	-5.1	-5.9	-8.3	-9.5	-10.6	-12.0	-12.0	-10.9	-11.6	-12.4	-10.9	-10.8	-10.7	-9.0	**-8.3**	**-4.8**	**-12.4**
9	-8.9	-8.4	-7.9	-7.4	-6.9	-6.5	-6.1	-5.4	-4.6	-3.6	-2.8	-1.9	-1.0	0.2	0.4	0.2	-0.3	-0.5	-0.4	-0.6	-1.3	-1.7	-1.8	-2.2	**-3.3**	**0.4**	**-8.9**
10	-2.0	0.2	3.8	6.9	7.2	6.9	6.6	6.9	8.1	9.3	9.8	10.4	10.9	10.7	9.2	7.2	5.6	4.9	4.1	3.6	3.2	2.5	2.0	1.8	**5.8**	**10.9**	**-2.0**
11	1.2	1.0	1.2	1.3	1.4	1.5	1.7	1.9	2.1	2.4	2.7	3.3	3.9	4.4	4.8	5.2	5.6	5.8	5.8	5.8	5.9	5.8	5.6	5.1	**3.5**	**5.9**	**1.0**
12	4.7	4.8	5.0	5.2	5.5	5.6	6.2	6.4	6.9	6.7	5.8	6.0	6.3	6.6	6.9	7.1	7.1	7.0	6.6	6.0	6.6	7.9	8.9	10.1	**6.5**	**10.1**	**4.7**
13	10.3	11.0	11.8	12.4	13.1	12.1	9.9	9.0	4.6	0.2	-1.3	-2.2	-2.3	-3.6	-4.1	-6.2	-7.3	-7.8	-8.7	-8.0	-6.3	-5.3	-4.5	-3.8	**1.0**	**13.1**	**-8.7**
14	-3.6	-4.9	-6.4	-6.9	-7.4	-7.3	-6.4	-6.8	-6.9	-6.7	-6.8	-7.3	-7.2	-7.2	-7.5	-7.3	-5.6	-2.7	-0.4	-0.2	-0.2	-0.2	-0.2	-0.2	**-4.8**	**-0.2**	**-7.5**
15	-0.6	-1.1	-1.1	-1.2	-1.4	-1.4	-1.5	-1.4	-1.1	-1.0	-0.6	-0.3	-1.1	-2.2	-3.0	-3.4	-3.8	-3.8	-3.7	-2.2	-2.9	-4.1	-4.9	-5.5	**-2.2**	**-0.3**	**-5.5**
16	-5.7	-5.1	-4.9	-4.8	-5.1	-4.7	-3.3	-3.7	-3.4	-2.5	-2.1	-1.1	0.3	1.0	1.2	0.9	1.0	0.5	-0.1	0.7	2.5	3.4	4.2	5.0	**-1.1**	**5.0**	**-5.7**
17	5.5	5.6	5.5	5.7	5.6	5.2	5.2	4.8	4.6	4.7	4.4	4.3	4.2	3.8	3.7	3.2	2.1	1.4	0.7	0.5	0.0	-0.3	-1.0	-1.3	**3.3**	**5.7**	**-1.3**
18	-1.2	-1.1	-0.5	-0.7	-1.3	-1.8	-1.9	-1.6	-0.5	0.2	1.1	1.4	1.7	2.9	4.0	5.1	6.9	8.2	8.3	8.4	8.8	10.0	11.2	11.8	**3.3**	**11.8**	**-1.9**
19	12.3	12.6	12.8	12.8	12.0	11.2	10.3	9.8	9.4	8.9	8.8	9.0	9.5	10.0	10.8	11.2	11.8	12.6	13.5	14.3	15.1	15.6	16.3	16.2	**11.9**	**16.3**	**8.8**
20	16.0	15.7	15.8	16.2	15.2	14.9	14.4	14.4	15.4	16.1	15.8	15.4	14.2	11.7	12.9	12.2	13.2	10.2	7.6	5.0	2.9	1.6	0.7	0.4	**11.6**	**16.2**	**0.4**
21	-0.8	-1.9	-3.3	-4.3	-5.2	-5.8	-5.7	-5.5	-6.0	-6.0	-6.2	-6.1	-6.2	-5.9	-6.0	-6.0	-6.1	-5.8	-5.7	-5.6	-5.7	-5.6	-5.8	-5.8	**-5.3**	**-0.8**	**-6.2**
22	-5.7	-6.3	-6.2	-6.0	-6.0	-5.9	-5.8	-5.5	-5.2	-4.9	-4.8	-4.6	-4.5	-4.7	-5.8	-5.9	-5.3	-5.9	-6.1	-5.8	-1.8	0.2	-0.6	-0.5	**-4.7**	**0.2**	**-6.3**
23	-0.5	-1.0	-1.1	-0.9	-0.1	0.5	1.0	2.0	3.8	5.0	5.6	6.1	6.5	7.1	7.7	7.7	7.0	6.0	4.7	3.7	2.9	1.3	1.4	1.4	**3.3**	**7.7**	**-1.1**
24	1.2	1.0	0.9	0.6	0.4	0.1	-0.3	0.0	-0.1	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.4	1.6	1.5	1.6	1.7	2.0	2.4	2.7	**1.0**	**2.7**	**-0.3**
25	3.2	3.9	4.5	5.0	5.1	4.9	4.5	4.2	3.9	3.7	3.6	3.8	3.9	3.9	4.3	4.4	4.0	4.4	4.5	4.4	4.1	4.0	3.8	3.7	**4.2**	**5.1**	**3.2**
26	3.3	3.5	3.7	4.2	4.2	4.3	4.3	4.4	4.7	4.2	4.4	2.4	0.4	-0.7	0.1	1.5	3.4	4.2	4.3	4.7	6.9	8.5	9.6	9.9	**4.2**	**9.9**	**-0.7**
27	9.8	9.6	9.4	9.5	9.3	9.1	8.8	8.7	9.0	8.6	8.1	7.9	7.9	8.0	8.1	8.0	8.0	8.1	8.1	8.0	8.1	9.1	9.6	9.8	**8.7**	**9.8**	**7.9**
28	9.8	9.9	10.2	10.8	11.2	11.4	11.7	12.3	13.1	14.2	15.2	16.4	17.3	17.7	17.3	16.4	17.5	18.1	18.0	17.9	17.7	17.5	17.4	16.1	**14.8**	**18.1**	**9.8**
29	15.3	15.5	14.6	14.5	15.0	14.8	14.3	14.4	14.4	14.5	14.4	12.8	10.0	4.0	1.8	3.6	3.7	2.6	2.3	3.1	3.5	3.6	3.7	3.8	**9.2**	**15.5**	**1.8**
30	3.7	2.7	1.8	-0.9	-2.3	-1.9	-1.3	0.0	0.8	1.6	1.1	0.7	0.5	0.6	0.8	1.3	1.7	2.2	2.8	2.8	2.7	2.5	2.2	2.2	**1.2**	**3.7**	**-2.3**
31	2.0	1.8	1.9	1.7	1.5	1.7	1.8	2.4	2.2	0.2	0.3	0.8	0.6	1.0	1.2	1.7	2.5	3.5	4.0	3.8	3.6	3.7	4.1	4.3	**2.2**	**4.3**	**0.2**
MEAN	**1.5**	**1.5**	**1.6**	**1.7**	**1.6**	**1.5**	**1.5**	**1.6**	**1.8**	**1.9**	**1.9**	**1.9**	**1.8**	**1.6**	**1.7**	**1.7**	**1.8**	**1.7**	**1.5**	**1.5**	**1.8**	**2.0**	**2.0**	**2.0**	**1.7**		
MAX	**16.0**	**15.7**	**15.8**	**16.2**	**15.2**	**14.9**	**14.4**	**14.4**	**15.4**	**16.1**	**15.8**	**16.4**	**17.3**	**17.7**	**17.3**	**16.4**	**17.5**	**18.1**	**18.0**	**17.9**	**17.7**	**17.5**	**17.4**	**16.2**		**18.1**	
MIN	**-10.2**	**-10.1**	**-10.3**	**-10.3**	**-10.4**	**-10.7**	**-10.8**	**-10.8**	**-9.8**	**-9.5**	**-10.0**	**-10.5**	**-11.1**	**-11.2**	**-11.0**	**-12.0**	**-12.0**	**-10.9**	**-11.6**	**-12.4**	**-10.9**	**-10.8**	**-10.7**	**-9.1**			**-12.4**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 1.7 Deg C

MAXIMUM DEW POINT TEMPERATURE = 18.1 Deg C DATE OF OCCURRENCE = 3/28 AT 1800 MAXIMUM DAILY MEAN = 14.8 Deg C DATE OF OCCURRENCE = 3/28

MINIMUM DEW POINT TEMPERATURE = -12.4 Deg C DATE OF OCCURRENCE = 3/8 AT 2000 MINUMUM DAILY MEAN = -10.3 Deg C DATE OF OCCURRENCE = 3/1

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

APPENDIX F

Hourly Barometric Pressure Data for January through March 2020

HarmonCreek

PRESSURE in mb for JANUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	967	967	967	968	968	968	968	969	969	970	970	970	969	969	969	969	970	970	970	970	970	970	970	970	**969**	**970**	**967**
2	970	970	970	970	970	970	970	970	969	970	970	969	968	967	967	967	967	967	967	967	967	967	967	967	**969**	**970**	**967**
3	966	966	967	966	965	966	966	967	967	968	968	968	967	966	966	966	966	966	967	967	966	966	965	965	**966**	**968**	**965**
4	964	964	964	964	964	965	965	966	966	966	967	966	965	965	965	966	966	967	968	969	970	970	971	972	**966**	**972**	**964**
5	972	973	974	975	976	976	977	978	979	980	980	979	978	977	976	975	975	974	973	972	972	971	971	970	**975**	**980**	**970**
6	970	971	971	972	973	973	974	975	976	977	978	978	977	977	976	977	977	977	978	978	978	978	978	978	**976**	**978**	**970**
7	977	977	977	976	975	974	974	974	974	973	973	972	971	971	971	971	972	972	973	973	973	973	973	973	**973**	**977**	**971**
8	972	972	972	972	972	972	973	974	975	977	978	979	980	982	983	984	985	986	988	989	990	990	991	991	**980**	**991**	**972**
9	991	991	992	992	992	993	993	993	993	993	993	992	990	989	988	987	986	986	986	986	986	985	984	984	**989**	**993**	**984**
10	983	984	984	984	984	984	984	985	985	986	986	985	984	983	983	983	983	983	983	983	982	982	981	980	**984**	**986**	**980**
11	979	979	979	978	976	976	975	974	974	973	973	972	970	969	968	967	966	968	969	969	968	968	965	964	**972**	**979**	**964**
12	964	964	965	968	971	974	977	979	981	983	984	984	984	985	985	985	985	985	985	985	985	984	984	984	**980**	**985**	**964**
13	983	983	982	982	982	982	983	984	984	985	986	986	985	985	984	984	985	985	986	986	986	986	986	986	**984**	**986**	**982**
14	985	984	983	982	981	980	979	978	978	977	977	977	976	976	976	977	977	978	979	979	979	980	980	980	**979**	**985**	**976**
15	980	981	981	981	981	981	981	981	981	981	981	980	979	977	976	975	975	974	973	973	972	972	972	973	**978**	**981**	**972**
16	973	974	976	978	979	980	981	983	983	983	984	984	983	984	984	985	986	988	989	990	991	992	992	993	**984**	**993**	**973**
17	994	994	995	996	997	997	998	999	999	999	999	999	998	997	996	996	996	996	995	995	994	993	992	991	**996**	**999**	**991**
18	990	990	989	986	984	983	982	981	980	978	976	973	972	969	968	966	966	965	965	965	966	966	966	966	**975**	**990**	**965**
19	966	966	968	969	970	970	972	972	973	974	974	975	975	976	976	978	979	980	981	982	982	983	983	983	**975**	**983**	**966**
20	984	984	984	985	985	986	986	987	988	989	989	989	989	989	989	989	989	989	990	990	990	991	991	991	**988**	**991**	**984**
21	991	990	991	991	991	991	991	992	992	993	993	993	992	992	991	991	991	991	991	991	991	991	990	990	**991**	**993**	**990**
22	990	989	989	988	988	988	988	988	988	988	988	988	987	986	986	986	985	985	985	985	985	985	985	984	**987**	**990**	**984**
23	984	983	983	983	983	982	983	983	983	983	983	983	982	981	981	981	981	981	981	981	981	980	980	980	**982**	**984**	**980**
24	980	979	979	979	978	978	978	978	978	978	978	977	975	974	973	972	972	972	972	972	973	972	972	971	**975**	**980**	**971**
25	970	969	969	969	969	969	969	970	970	971	971	971	970	970	970	970	970	970	971	971	971	970	970	970	**970**	**971**	**969**
26	970	970	970	970	970	970	971	971	971	971	971	971	970	970	969	970	970	970	970	970	969	969	969	968	**970**	**971**	**968**
27	968	968	968	968	967	967	967	968	968	969	969	969	969	968	968	969	969	970	970	971	971	971	972	972	**969**	**972**	**967**
28	972	972	972	972	972	973	973	974	974	975	975	975	974	973	973	974	974	975	975	976	976	976	976	976	**974**	**976**	**972**
29	976	976	977	977	977	978	978	979	979	980	980	980	979	979	978	978	978	979	979	980	980	980	980	980	**979**	**980**	**976**
30	980	980	979	979	979	979	979	980	980	980	981	981	981	980	980	980	980	980	981	981	981	982	982	982	**980**	**982**	**979**
31	981	981	981	981	981	980	981	981	981	981	980	981	980	978	978	978	978	978	978	978	978	978	978	977	**979**	**981**	**977**
MEAN	**977**	**977**	**977**	**977**	**977**	**978**	**978**	**978**	**979**	**979**	**979**	**979**	**978**	**977**	**977**	**977**	**977**	**978**	**978**	**978**	**978**	**978**	**978**	**978**	**978**		
MAX	**994**	**994**	**995**	**996**	**997**	**997**	**998**	**999**	**999**	**999**	**999**	**999**	**998**	**997**	**996**	**996**	**996**	**996**	**995**	**995**	**994**	**993**	**992**	**993**		**999**	
MIN	**964**	**964**	**964**	**964**	**964**	**965**	**965**	**966**	**966**	**966**	**967**	**966**	**965**	**965**	**965**	**966**	**966**	**965**	**965**	**965**	**966**	**966**	**965**	**964**			**964**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 978 mb

MAXIMUM PRESSURE = 999 mb DATE OF OCCURRENCE = 1/17 AT 1100 MAXIMUM DAILY MEAN = 996 mb DATE OF OCCURRENCE = 1/17

MINIMUM PRESSURE = 964 mb DATE OF OCCURRENCE = 1/4 AT 0200 MINUMUM DAILY MEAN = 966 mb DATE OF OCCURRENCE = 1/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

PRESSURE in mb for FEBRUARY, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	977	976	976	976	975	975	975	974	974	974	973	972	971	970	969	969	968	968	967	967	967	967	966	966	**971**	**977**	**966**
2	966	965	966	966	965	965	964	964	963	961	959	958	956	955	954	955	956	957	958	959	961	962	964	965	**961**	**966**	**954**
3	965	966	967	968	969	970	971	971	971	971	971	971	970	969	967	967	967	967	967	967	967	967	967	967	**968**	**971**	**965**
4	967	967	968	968	968	968	968	969	969	969	969	969	968	967	967	967	968	969	970	970	971	972	972	973	**969**	**973**	**967**
5	973	973	974	974	975	976	976	977	977	977	977	977	976	975	973	972	972	971	969	968	966	964	964	963	**972**	**977**	**963**
6	961	961	961	960	959	959	959	958	958	957	957	956	957	956	954	951	952	953	953	953	953	953	953	953	**956**	**961**	**951**
7	952	952	951	950	949	949	949	950	951	953	954	955	956	957	958	960	962	964	966	968	969	970	971	972	**958**	**972**	**949**
8	973	974	975	975	976	977	977	978	979	979	980	980	979	979	979	979	980	980	981	981	982	982	983	983	**979**	**983**	**973**
9	983	984	985	985	986	986	987	987	988	988	988	988	987	986	986	985	984	984	982	981	980	979	977	976	**984**	**988**	**976**
10	976	975	975	974	974	974	975	975	975	975	976	976	975	975	975	975	975	976	976	976	976	976	975	975	**975**	**976**	**974**
11	975	974	974	975	975	975	975	976	976	975	975	974	973	973	973	973	974	974	975	975	976	978	978	978	**975**	**978**	**973**
12	979	979	979	980	980	980	980	980	980	980	980	980	978	978	978	976	975	974	973	971	970	967	966	964	**976**	**980**	**964**
13	963	962	962	962	963	962	963	964	965	965	966	966	967	968	969	970	972	973	974	975	975	975	977	978	**968**	**978**	**962**
14	979	980	981	982	983	984	984	985	987	987	988	989	989	989	989	989	990	990	991	992	992	992	992	991	**987**	**992**	**979**
15	991	991	991	991	990	990	990	990	990	989	988	987	986	985	984	983	982	981	981	980	980	979	979	979	**986**	**991**	**979**
16	979	979	978	979	979	978	978	978	978	978	977	977	977	976	976	977	977	977	978	978	978	978	978	979	**978**	**979**	**976**
17	979	979	979	980	980	981	981	981	982	983	983	983	982	981	980	979	979	978	978	978	977	977	976	975	**980**	**983**	**975**
18	974	974	973	973	972	972	972	973	973	974	974	974	974	973	974	974	974	975	977	977	979	980	980	981	**975**	**981**	**972**
19	982	982	983	983	984	985	985	986	987	988	988	988	988	987	987	987	987	988	988	989	989	989	989	989	**987**	**989**	**982**
20	989	989	989	989	989	989	989	989	990	990	990	990	990	989	989	989	989	989	990	990	991	991	992	992	**990**	**992**	**989**
21	992	992	992	991	991	992	992	992	993	993	993	993	992	991	990	990	989	989	989	989	988	989	988	987	**991**	**993**	**987**
22	987	987	986	986	986	986	987	987	987	987	986	986	985	984	983	982	982	982	982	982	982	982	982	982	**985**	**987**	**982**
23	981	982	981	981	981	981	981	981	981	980	980	979	978	977	977	976	976	976	976	976	976	976	976	975	**979**	**982**	**975**
24	975	975	975	974	974	974	974	975	975	975	974	974	973	972	970	971	970	970	971	970	970	969	969	969	**972**	**975**	**969**
25	968	968	967	967	966	967	966	966	967	967	967	967	966	966	966	966	966	967	968	968	969	969	969	969	**967**	**969**	**966**
26	969	969	968	968	968	968	969	969	969	969	969	968	967	965	964	964	963	962	962	962	962	963	964	964	**966**	**969**	**962**
27	964	965	966	966	967	967	968	969	971	971	971	971	970	970	970	970	971	971	972	972	972	973	972	972	**970**	**973**	**964**
28	972	972	972	971	971	971	971	971	971	971	970	970	970	969	969	969	970	970	971	972	972	972	973	973	**971**	**973**	**969**
29	972	972	972	972	972	973	974	974	975	975	975	976	976	976	976	976	977	977	978	979	979	980	980	980	**976**	**980**	**972**
MEAN	**975**	**975**	**975**	**975**	**975**	**975**	**975**	**976**	**976**	**976**	**976**	**976**	**975**	**974**	**974**	**974**	**974**	**974**	**975**	**975**	**975**	**975**	**975**	**975**	**975**		
MAX	**992**	**992**	**992**	**991**	**991**	**992**	**992**	**992**	**993**	**993**	**993**	**993**	**992**	**991**	**990**	**990**	**990**	**990**	**991**	**992**	**992**	**992**	**992**	**992**		**993**	
MIN	**952**	**952**	**951**	**950**	**949**	**949**	**949**	**950**	**951**	**953**	**954**	**955**	**956**	**955**	**954**	**951**	**952**	**953**	**953**	**953**	**953**	**953**	**953**	**953**			**949**

POSSIBLE NUMBER OF OBSERVATIONS = 696 ACTUAL NUMBER OF OBSERVATIONS = 696 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 975 mb

MAXIMUM PRESSURE = 993 mb DATE OF OCCURRENCE = 2/21 AT 1000 MAXIMUM DAILY MEAN = 991 mb DATE OF OCCURRENCE = 2/21

MINIMUM PRESSURE = 949 mb DATE OF OCCURRENCE = 2/7 AT 0600 MINUMUM DAILY MEAN = 956 mb DATE OF OCCURRENCE = 2/6

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

HarmonCreek

PRESSURE in mb for MARCH, 2020

Hr Beg Hr End Day	0 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	MEAN	MAX	MIN
1	980	980	980	980	980	981	981	981	981	981	981	980	979	978	977	977	976	976	976	975	974	974	974	973	**978**	**981**	**973**
2	972	972	972	971	971	971	970	970	970	970	969	968	967	967	966	966	966	966	966	967	967	967	967	967	**969**	**972**	**966**
3	967	966	965	964	964	963	963	962	962	962	960	959	959	958	957	956	957	960	961	962	963	965	966	967	**962**	**967**	**956**
4	967	968	968	968	969	970	971	971	971	970	970	969	969	968	969	970	970	971	972	973	973	975	976	977	**971**	**977**	**967**
5	977	977	978	978	978	979	979	979	979	979	979	978	978	977	975	974	974	973	973	972	972	971	971	970	**976**	**979**	**970**
6	969	969	969	969	969	969	970	970	971	971	971	972	972	972	972	973	974	975	977	978	979	980	981	982	**973**	**982**	**969**
7	983	984	984	985	985	986	987	989	990	991	991	991	991	990	990	989	989	989	989	989	990	990	990	990	**988**	**991**	**983**
8	990	990	990	989	989	990	990	991	991	991	990	989	989	987	987	986	986	985	985	985	985	985	985	985	**988**	**991**	**985**
9	985	985	985	985	985	986	986	986	987	987	986	986	985	984	984	983	983	982	982	982	982	982	981	980	**984**	**987**	**980**
10	980	979	978	977	976	976	975	975	975	974	974	974	974	974	975	976	977	978	980	981	981	981	982	981	**977**	**982**	**974**
11	981	981	980	979	979	979	979	978	978	977	977	977	977	975	975	975	975	975	975	975	975	975	975	975	**977**	**981**	**975**
12	975	974	974	974	974	975	975	975	975	975	974	973	973	972	971	970	969	969	968	967	967	966	966	965	**971**	**975**	**965**
13	964	964	963	963	964	966	968	969	972	974	975	975	976	976	976	977	978	979	981	982	983	984	984	985	**974**	**985**	**963**
14	985	986	986	987	987	987	988	988	988	988	988	989	989	988	987	987	987	987	987	988	987	987	988	987	**987**	**989**	**985**
15	987	987	987	987	988	989	989	989	990	991	991	991	990	989	989	989	989	988	989	989	989	990	989	989	**989**	**991**	**987**
16	989	989	988	988	987	987	987	987	987	987	986	986	985	983	983	982	981	981	980	980	980	980	980	980	**984**	**989**	**980**
17	979	978	978	977	977	978	978	979	979	979	980	980	981	981	981	981	982	983	983	984	985	986	986	986	**981**	**986**	**977**
18	986	986	986	987	987	987	986	986	986	986	985	984	983	982	980	979	979	978	978	977	976	975	975	975	**982**	**987**	**975**
19	976	976	976	976	977	978	979	980	980	980	980	980	980	979	978	978	977	977	976	975	975	974	974	973	**977**	**980**	**973**
20	973	973	973	972	973	972	972	971	971	970	970	971	971	970	972	973	974	975	977	978	980	981	982	983	**974**	**983**	**970**
21	984	984	985	985	985	986	987	988	988	989	989	989	989	988	988	988	988	988	989	990	990	991	991	991	**988**	**991**	**984**
22	991	991	990	991	990	991	991	991	992	992	991	990	989	988	987	986	985	985	985	985	985	984	984	983	**988**	**992**	**983**
23	982	981	981	979	978	978	977	977	977	977	977	976	976	975	975	975	975	976	977	978	979	979	979	979	**978**	**982**	**975**
24	979	980	980	980	980	981	981	981	981	981	980	979	979	978	977	976	976	975	975	975	974	973	972	971	**978**	**981**	**971**
25	971	970	970	970	970	970	971	971	972	973	973	973	973	973	973	972	973	973	974	974	974	974	975	974	**972**	**975**	**970**
26	974	974	974	973	973	973	974	974	973	973	972	971	970	969	968	968	968	967	967	967	967	968	968	968	**971**	**974**	**967**
27	968	968	969	969	970	970	971	971	972	973	973	973	973	972	972	972	972	973	973	973	973	974	973	973	**972**	**974**	**968**
28	972	971	970	969	969	968	968	968	968	968	968	967	967	966	965	968	968	968	968	969	969	970	970	968	**968**	**972**	**965**
29	968	968	967	967	966	966	966	965	965	964	964	963	963	963	964	964	965	967	968	969	971	971	971	972	**967**	**972**	**963**
30	972	971	971	971	971	971	971	971	972	973	973	974	974	974	974	975	975	976	976	976	976	976	976	976	**974**	**976**	**971**
31	976	975	974	974	974	974	975	975	974	973	973	972	971	970	969	970	969	969	969	969	969	969	969	969	**972**	**976**	**969**
MEAN	**977**	**977**	**977**	**977**	**977**	**977**	**978**	**978**	**978**	**978**	**978**	**977**	**977**	**976**	**976**	**976**	**976**	**976**	**977**	**977**	**977**	**977**	**977**	**977**	**977**		
MAX	**991**	**991**	**990**	**991**	**990**	**991**	**991**	**991**	**992**	**992**	**991**	**991**	**991**	**990**	**990**	**989**	**989**	**989**	**989**	**990**	**990**	**991**	**991**	**991**		**992**	
MIN	**964**	**964**	**963**	**963**	**964**	**963**	**963**	**962**	**962**	**962**	**960**	**959**	**959**	**958**	**957**	**956**	**957**	**960**	**961**	**962**	**963**	**965**	**966**	**965**			**956**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 977 mb

MAXIMUM PRESSURE = 992 mb DATE OF OCCURRENCE = 3/22 AT 1000 MAXIMUM DAILY MEAN = 989 mb DATE OF OCCURRENCE = 3/15

MINIMUM PRESSURE = 956 mb DATE OF OCCURRENCE = 3/3 AT 1600 MINUMUM DAILY MEAN = 962 mb DATE OF OCCURRENCE = 3/3

MEANS REQUIRE 75% VALID DATA MISSING DATA DENOTED BY ---

APPENDIX G

Invalid Data Periods for January through March 2020

Harmon Creek Upwind Invalidation Code Description						
AM - Miscellaneous Void						
BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Upwind PAMS	01/02/2020	00:01	01/02/2020	01:00	1	BM
Upwind PAMS	01/03/2020	00:01	01/03/2020	01:00	1	BM
Upwind PAMS	01/04/2020	00:01	01/04/2020	01:00	1	BM
Upwind PAMS	01/05/2020	00:01	01/05/2020	01:00	1	BM
Upwind PAMS	01/06/2020	00:01	01/06/2020	01:00	1	BM
Upwind PAMS	01/07/2020	00:01	01/07/2020	01:00	1	BM
Upwind PAMS	01/08/2020	00:01	01/08/2020	01:00	1	BM
Upwind PAMS	01/09/2020	00:01	01/09/2020	01:00	1	BM
Upwind PAMS	01/09/2020	12:01	01/09/2020	14:00	2	AM
Upwind PAMS	01/10/2020	01:01	01/10/2020	02:00	1	BM
Upwind PAMS	01/11/2020	01:01	01/11/2020	02:00	1	BM
Upwind PAMS	01/12/2020	01:01	01/12/2020	02:00	1	BM
Upwind PAMS	01/13/2020	01:01	01/13/2020	02:00	1	BM
Upwind PAMS	01/14/2020	01:01	01/14/2020	02:00	1	BM
Upwind PAMS	01/15/2020	01:01	01/15/2020	02:00	1	BM
Upwind PAMS	01/16/2020	01:01	01/16/2020	02:00	1	BM
Upwind PAMS	01/17/2020	01:01	01/17/2020	02:00	1	BM
Upwind PAMS	01/18/2020	01:01	01/18/2020	02:00	1	BM
Upwind PAMS	01/18/2020	05:01	01/18/2020	07:00	2	AM
Upwind PAMS	01/19/2020	02:01	01/19/2020	03:00	1	BM
Upwind PAMS	01/20/2020	02:01	01/20/2020	03:00	1	BM
Upwind PAMS	01/21/2020	02:01	01/21/2020	03:00	1	BM
Upwind PAMS	01/22/2020	23:01	01/22/2020	00:00	1	BM
Upwind PAMS	01/23/2020	23:01	01/23/2020	00:00	1	BM
Upwind PAMS	01/24/2020	23:01	01/24/2020	00:00	1	BM
Upwind PAMS	01/25/2020	23:01	01/25/2020	00:00	1	BM
Upwind PAMS	01/26/2020	23:01	01/26/2020	00:00	1	BM
Upwind PAMS	01/26/2020	21:01	01/26/2020	23:00	2	AM
Upwind PAMS	01/27/2020	00:01	01/27/2020	01:00	1	BM
Upwind PAMS	01/28/2020	23:01	01/28/2020	00:00	1	BM
Upwind PAMS	01/29/2020	23:01	01/29/2020	00:00	1	BM
Upwind PAMS	01/30/2020	23:01	01/30/2020	00:00	1	BM
Upwind PAMS	01/31/2020	23:01	01/31/2020	00:00	1	BM
Upwind PAMS	02/01/2020	23:01	02/01/2020	00:00	1	BM
Upwind PAMS	02/02/2020	23:01	02/02/2020	00:00	1	BM
Upwind PAMS	02/03/2020	23:01	02/03/2020	00:00	1	BM
Upwind PAMS	02/04/2020	23:01	02/04/2020	00:00	1	BM
Upwind PAMS	02/04/2020	11:01	02/04/2020	13:00	2	AM
Upwind PAMS	02/05/2020	00:01	02/05/2020	01:00	1	BM
Upwind PAMS	02/06/2020	00:01	02/06/2020	01:00	1	BM
Upwind PAMS	02/07/2020	00:01	02/07/2020	01:00	1	BM
Upwind PAMS	02/08/2020	00:01	02/08/2020	01:00	1	BM
Upwind PAMS	02/09/2020	00:01	02/09/2020	01:00	1	BM

Harmon Creek Upwind Invalidation Code Description						
AM - Miscellaneous Void						
BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Upwind PAMS	02/10/2020	00:01	02/10/2020	01:00	1	BM
Upwind PAMS	02/11/2020	00:01	02/11/2020	01:00	1	BM
Upwind PAMS	02/12/2020	00:01	02/12/2020	01:00	1	BM
Upwind PAMS	02/13/2020	00:01	02/13/2020	01:00	1	BM
Upwind PAMS	02/13/2020	03:01	02/13/2020	05:00	2	AM
Upwind PAMS	02/14/2020	01:01	02/14/2020	02:00	1	BM
Upwind PAMS	02/15/2020	01:01	02/15/2020	02:00	1	BM
Upwind PAMS	02/16/2020	01:01	02/16/2020	02:00	1	BM
Upwind PAMS	02/17/2020	01:01	02/17/2020	02:00	1	BM
Upwind PAMS	02/18/2020	01:01	02/18/2020	02:00	1	BM
Upwind PAMS	02/19/2020	01:01	02/19/2020	02:00	1	BM
Upwind PAMS	02/19/2020	18:01	03/05/2020	14:00	356	AM
Upwind PAMS	03/06/2020	00:01	03/06/2020	01:00	1	BM
Upwind PAMS	03/07/2020	00:01	03/07/2020	01:00	1	BM
Upwind PAMS	03/08/2020	00:01	03/08/2020	01:00	1	BM
Upwind PAMS	03/09/2020	00:01	03/09/2020	01:00	1	BM
Upwind PAMS	03/10/2020	00:01	03/10/2020	01:00	1	BM
Upwind PAMS	03/11/2020	00:01	03/11/2020	01:00	1	BM
Upwind PAMS	03/12/2020	00:01	03/12/2020	01:00	1	BM
Upwind PAMS	03/13/2020	23:01	03/13/2020	00:00	1	BM
Upwind PAMS	03/13/2020	01:01	03/13/2020	03:00	2	AM
Upwind PAMS	03/14/2020	00:01	03/14/2020	01:00	1	BM
Upwind PAMS	03/15/2020	00:01	03/15/2020	01:00	1	BM
Upwind PAMS	03/16/2020	00:01	03/16/2020	01:00	1	BM
Upwind PAMS	03/17/2020	23:01	03/17/2020	00:00	1	BM
Upwind PAMS	03/18/2020	23:01	03/18/2020	00:00	1	BM
Upwind PAMS	03/19/2020	23:01	03/19/2020	00:00	1	BM
Upwind PAMS	03/20/2020	23:01	03/20/2020	00:00	1	BM
Upwind PAMS	03/21/2020	23:01	03/21/2020	00:00	1	BM
Upwind PAMS	03/21/2020	17:01	03/21/2020	19:00	2	AM
Upwind PAMS	03/22/2020	00:01	03/22/2020	01:00	1	BM
Upwind PAMS	03/23/2020	00:01	03/23/2020	01:00	1	BM
Upwind PAMS	03/24/2020	00:01	03/24/2020	01:00	1	BM
Upwind PAMS	03/25/2020	00:01	03/25/2020	01:00	1	BM
Upwind PAMS	03/26/2020	00:01	03/26/2020	01:00	1	BM
Upwind PAMS	03/27/2020	00:01	03/27/2020	01:00	1	BM
Upwind PAMS	03/28/2020	00:01	03/28/2020	01:00	1	BM
Upwind PAMS	03/29/2020	00:01	03/29/2020	01:00	1	BM
Upwind PAMS	03/30/2020	00:01	03/30/2020	01:00	1	BM
Upwind PAMS	03/30/2020	08:01	03/30/2020	10:00	2	AM
Upwind PAMS	03/31/2020	01:01	03/31/2020	02:00	1	BM

Harmon Creek Downwind Station #1 Invalidation Code Description						
AM - Miscellaneous Void						
BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Downwind PAMS	01/02/2020	23:01	01/02/2020	00:00	1	BM
Downwind PAMS	01/03/2020	23:01	01/03/2020	00:00	1	BM
Downwind PAMS	01/04/2020	23:01	01/04/2020	00:00	1	BM
Downwind PAMS	01/05/2020	23:01	01/05/2020	00:00	1	BM
Downwind PAMS	01/06/2020	23:01	01/06/2020	00:00	1	BM
Downwind PAMS	01/07/2020	23:01	01/07/2020	00:00	1	BM
Downwind PAMS	01/08/2020	23:01	01/08/2020	00:00	1	BM
Downwind PAMS	01/09/2020	23:01	01/09/2020	00:00	1	BM
Downwind PAMS	01/10/2020	23:01	01/10/2020	00:00	1	BM
Downwind PAMS	01/11/2020	23:01	01/11/2020	00:00	1	BM
Downwind PAMS	01/11/2020	20:01	01/11/2020	22:00	2	AM
Downwind PAMS	01/12/2020	00:01	01/12/2020	01:00	1	BM
Downwind PAMS	01/13/2020	00:01	01/13/2020	01:00	1	BM
Downwind PAMS	01/14/2020	00:01	01/14/2020	01:00	1	BM
Downwind PAMS	01/15/2020	00:01	01/15/2020	01:00	1	BM
Downwind PAMS	01/15/2020	13:01	01/20/2020	14:00	121	AM
Downwind PAMS	01/21/2020	01:01	01/21/2020	02:00	1	BM
Downwind PAMS	01/22/2020	23:01	01/22/2020	00:00	1	BM
Downwind PAMS	01/22/2020	20:01	01/22/2020	22:00	2	AM
Downwind PAMS	01/23/2020	00:01	01/23/2020	01:00	1	BM
Downwind PAMS	01/24/2020	00:01	01/24/2020	01:00	1	BM
Downwind PAMS	01/25/2020	00:01	01/25/2020	01:00	1	BM
Downwind PAMS	01/26/2020	00:01	01/26/2020	01:00	1	BM
Downwind PAMS	01/27/2020	00:01	01/27/2020	01:00	1	BM
Downwind PAMS	01/28/2020	23:01	01/28/2020	00:00	1	BM
Downwind PAMS	01/29/2020	23:01	01/29/2020	00:00	1	BM
Downwind PAMS	01/30/2020	23:01	01/30/2020	00:00	1	BM
Downwind PAMS	01/31/2020	23:01	01/31/2020	00:00	1	BM
Downwind PAMS	02/01/2020	23:01	02/01/2020	00:00	1	BM
Downwind PAMS	02/02/2020	23:01	02/02/2020	00:00	1	BM
Downwind PAMS	02/02/2020	08:01	02/02/2020	10:00	2	AM
Downwind PAMS	02/02/2020	19:01	02/02/2020	21:00	2	AM
Downwind PAMS	02/03/2020	00:01	02/03/2020	01:00	1	BM
Downwind PAMS	02/04/2020	00:01	02/04/2020	01:00	1	BM
Downwind PAMS	02/05/2020	00:01	02/05/2020	01:00	1	BM
Downwind PAMS	02/06/2020	00:01	02/06/2020	01:00	1	BM
Downwind PAMS	02/07/2020	00:01	02/07/2020	01:00	1	BM
Downwind PAMS	02/08/2020	00:01	02/08/2020	01:00	1	BM
Downwind PAMS	02/08/2020	07:01	02/08/2020	16:00	9	AM
Downwind PAMS	02/08/2020	21:01	02/08/2020	23:00	2	AM
Downwind PAMS	02/09/2020	00:01	02/09/2020	01:00	16	BM
Downwind PAMS	02/09/2020	21:01	02/10/2020	00:00	19	AM
Downwind PAMS	02/11/2020	00:01	02/11/2020	01:00	1	BM

Harmon Creek Downwind Station #1 Invalidation Code Description						
AM - Miscellaneous Void						
BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Downwind PAMS	02/12/2020	00:01	02/12/2020	01:00	1	BM
Downwind PAMS	02/12/2020	13:01	02/12/2020	15:00	2	AM
Downwind PAMS	02/13/2020	00:01	02/13/2020	01:00	1	BM
Downwind PAMS	02/13/2020	18:01	02/13/2020	20:00	2	AM
Downwind PAMS	02/14/2020	01:01	02/14/2020	02:00	1	BM
Downwind PAMS	02/15/2020	01:01	02/15/2020	02:00	1	BM
Downwind PAMS	02/15/2020	10:01	02/16/2020	01:00	16	AM
Downwind PAMS	02/16/2020	04:01	02/16/2020	10:00	6	AM
Downwind PAMS	02/16/2020	16:01	02/16/2020	17:00	1	AM
Downwind PAMS	02/16/2020	19:01	02/16/2020	22:00	3	AM
Downwind PAMS	02/17/2020	01:01	02/17/2020	02:00	1	BM
Downwind PAMS	02/17/2020	03:01	02/17/2020	04:00	1	AM
Downwind PAMS	02/17/2020	05:01	02/17/2020	06:00	1	AM
Downwind PAMS	02/18/2020	01:01	02/18/2020	02:00	1	BM
Downwind PAMS	02/18/2020	03:01	02/18/2020	13:00	10	AM
Downwind PAMS	02/19/2020	01:01	02/19/2020	02:00	1	BM
Downwind PAMS	02/19/2020	04:01	02/27/2020	17:00	205	AM
Downwind PAMS	02/28/2020	23:01	02/28/2020	00:00	1	BM
Downwind PAMS	02/29/2020	23:01	02/29/2020	00:00	1	BM
Downwind PAMS	02/29/2020	14:01	03/10/2020	14:00	240	AM
Downwind PAMS	03/11/2020	00:01	03/11/2020	01:00	1	BM
Downwind PAMS	03/12/2020	00:01	03/12/2020	01:00	1	BM
Downwind PAMS	03/13/2020	23:01	03/13/2020	00:00	1	BM
Downwind PAMS	03/14/2020	23:01	03/14/2020	00:00	1	BM
Downwind PAMS	03/15/2020	23:01	03/15/2020	00:00	1	BM
Downwind PAMS	03/16/2020	23:01	03/16/2020	00:00	1	BM
Downwind PAMS	03/17/2020	23:01	03/17/2020	00:00	1	BM
Downwind PAMS	03/17/2020	08:01	03/17/2020	10:00	2	AM
Downwind PAMS	03/18/2020	00:01	03/18/2020	01:00	1	BM
Downwind PAMS	03/19/2020	00:01	03/19/2020	01:00	1	BM
Downwind PAMS	03/20/2020	00:01	03/20/2020	01:00	1	BM
Downwind PAMS	03/20/2020	12:01	03/20/2020	18:00	6	AM
Downwind PAMS	03/21/2020	02:01	03/21/2020	04:00	2	BM
Downwind PAMS	03/22/2020	02:01	03/22/2020	04:00	2	BM
Downwind PAMS	03/23/2020	02:01	03/23/2020	04:00	2	BM
Downwind PAMS	03/24/2020	02:01	03/24/2020	04:00	2	BM
Downwind PAMS	03/25/2020	02:01	03/25/2020	04:00	2	BM
Downwind PAMS	03/26/2020	02:01	03/26/2020	04:00	2	BM
Downwind PAMS	03/27/2020	02:01	03/27/2020	04:00	2	BM
Downwind PAMS	03/28/2020	02:01	03/28/2020	04:00	2	BM
Downwind PAMS	03/29/2020	02:01	03/29/2020	04:00	2	BM
Downwind PAMS	03/30/2020	02:01	03/30/2020	04:00	2	BM
Downwind PAMS	03/31/2020	02:01	03/31/2020	04:00	2	BM
Downwind PAMS	03/31/2020	08:01	03/31/2020	10:00	2	AM

Harmon Creek Downwind Station #2 Invalidation Code Description						
AM - Miscellaneous Void BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Downwind #2 PAMS	01/02/2020	00:01	01/02/2020	01:00	1	BM
Downwind #2 PAMS	01/03/2020	00:01	01/03/2020	01:00	1	BM
Downwind #2 PAMS	01/04/2020	00:01	01/04/2020	01:00	1	BM
Downwind #2 PAMS	01/05/2020	00:01	01/05/2020	01:00	1	BM
Downwind #2 PAMS	01/06/2020	00:01	01/06/2020	01:00	1	BM
Downwind #2 PAMS	01/07/2020	00:01	01/07/2020	01:00	1	BM
Downwind #2 PAMS	01/08/2020	00:01	01/08/2020	01:00	1	BM
Downwind #2 PAMS	01/09/2020	00:01	01/09/2020	01:00	1	BM
Downwind #2 PAMS	01/10/2020	00:01	01/10/2020	01:00	1	BM
Downwind #2 PAMS	01/11/2020	00:01	01/11/2020	01:00	1	BM
Downwind #2 PAMS	01/12/2020	00:01	01/12/2020	01:00	1	BM
Downwind #2 PAMS	01/13/2020	00:01	01/13/2020	01:00	1	BM
Downwind #2 PAMS	01/13/2020	17:01	01/13/2020	19:00	2	AM
Downwind #2 PAMS	01/14/2020	01:01	01/14/2020	02:00	1	BM
Downwind #2 PAMS	01/15/2020	01:01	01/15/2020	02:00	1	BM
Downwind #2 PAMS	01/16/2020	01:01	01/16/2020	02:00	1	BM
Downwind #2 PAMS	01/17/2020	01:01	01/17/2020	02:00	1	BM
Downwind #2 PAMS	01/18/2020	01:01	01/18/2020	02:00	1	BM
Downwind #2 PAMS	01/19/2020	00:01	01/20/2020	17:00	41	AM
Downwind #2 PAMS	01/21/2020	02:01	01/21/2020	03:00	1	BM
Downwind #2 PAMS	01/21/2020	13:01	01/21/2020	14:00	1	AM
Downwind #2 PAMS	01/22/2020	23:01	01/22/2020	00:00	1	BM
Downwind #2 PAMS	01/23/2020	23:01	01/23/2020	00:00	1	BM
Downwind #2 PAMS	01/24/2020	23:01	01/24/2020	00:00	1	BM
Downwind #2 PAMS	01/25/2020	23:01	01/25/2020	00:00	1	BM
Downwind #2 PAMS	01/26/2020	23:01	01/26/2020	00:00	1	BM
Downwind #2 PAMS	01/27/2020	23:01	01/27/2020	00:00	1	BM
Downwind #2 PAMS	01/28/2020	23:01	01/28/2020	00:00	1	BM
Downwind #2 PAMS	01/28/2020	14:01	01/28/2020	16:00	2	AM
Downwind #2 PAMS	01/29/2020	00:01	01/29/2020	01:00	1	BM
Downwind #2 PAMS	01/29/2020	15:01	01/29/2020	17:00	2	AM
Downwind #2 PAMS	01/30/2020	00:01	01/30/2020	01:00	1	BM
Downwind #2 PAMS	01/31/2020	00:01	01/31/2020	01:00	1	BM
Downwind #2 PAMS	02/01/2020	00:01	02/01/2020	01:00	1	BM
Downwind #2 PAMS	02/02/2020	00:01	02/02/2020	01:00	1	BM
Downwind #2 PAMS	02/02/2020	09:01	02/02/2020	11:00	2	AM
Downwind #2 PAMS	02/03/2020	01:01	02/03/2020	02:00	1	BM
Downwind #2 PAMS	02/04/2020	01:01	02/04/2020	02:00	1	BM
Downwind #2 PAMS	02/05/2020	01:01	02/05/2020	02:00	1	BM
Downwind #2 PAMS	02/06/2020	01:01	02/06/2020	02:00	1	BM
Downwind #2 PAMS	02/07/2020	01:01	02/07/2020	02:00	1	BM
Downwind #2 PAMS	02/08/2020	01:01	02/08/2020	02:00	1	BM

Harmon Creek Downwind Station #2 Invalidation Code Description						
AM - Miscellaneous Void BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Downwind #2 PAMS	02/09/2020	01:01	02/09/2020	02:00	1	BM
Downwind #2 PAMS	02/10/2020	01:01	02/10/2020	02:00	1	BM
Downwind #2 PAMS	02/11/2020	01:01	02/11/2020	02:00	1	BM
Downwind #2 PAMS	02/12/2020	01:01	02/12/2020	02:00	1	BM
Downwind #2 PAMS	02/13/2020	01:01	02/13/2020	02:00	1	BM
Downwind #2 PAMS	02/14/2020	01:01	02/14/2020	02:00	1	BM
Downwind #2 PAMS	02/15/2020	01:01	02/15/2020	02:00	1	BM
Downwind #2 PAMS	02/15/2020	05:01	02/15/2020	07:00	2	AM
Downwind #2 PAMS	02/16/2020	02:01	02/16/2020	03:00	1	BM
Downwind #2 PAMS	02/17/2020	02:01	02/17/2020	03:00	1	BM
Downwind #2 PAMS	02/18/2020	02:01	02/18/2020	03:00	1	BM
Downwind #2 PAMS	02/18/2020	08:01	02/18/2020	09:00	1	AM
Downwind #2 PAMS	02/19/2020	00:01	02/19/2020	01:00	1	BM
Downwind #2 PAMS	02/20/2020	00:01	02/20/2020	01:00	1	BM
Downwind #2 PAMS	02/21/2020	00:01	02/21/2020	01:00	1	BM
Downwind #2 PAMS	02/22/2020	00:01	02/22/2020	01:00	1	BM
Downwind #2 PAMS	02/23/2020	00:01	02/23/2020	01:00	1	BM
Downwind #2 PAMS	02/24/2020	00:01	02/24/2020	01:00	1	BM
Downwind #2 PAMS	02/25/2020	00:01	02/25/2020	01:00	1	BM
Downwind #2 PAMS	02/26/2020	00:01	02/26/2020	01:00	1	BM
Downwind #2 PAMS	02/27/2020	00:01	02/27/2020	01:00	1	BM
Downwind #2 PAMS	02/28/2020	00:01	02/28/2020	02:00	2	BM
Downwind #2 PAMS	02/29/2020	01:01	02/29/2020	02:00	1	BM
Downwind #2 PAMS	03/01/2020	01:01	03/01/2020	02:00	1	BM
Downwind #2 PAMS	03/02/2020	01:01	03/02/2020	02:00	1	BM
Downwind #2 PAMS	03/03/2020	01:01	03/03/2020	02:00	1	BM
Downwind #2 PAMS	03/04/2020	01:01	03/04/2020	02:00	1	BM
Downwind #2 PAMS	03/05/2020	23:01	03/05/2020	00:00	1	BM
Downwind #2 PAMS	03/05/2020	07:01	03/05/2020	15:00	8	AM
Downwind #2 PAMS	03/06/2020	01:01	03/06/2020	02:00	1	BM
Downwind #2 PAMS	03/07/2020	01:01	03/07/2020	02:00	1	BM
Downwind #2 PAMS	03/08/2020	01:01	03/08/2020	02:00	1	BM
Downwind #2 PAMS	03/09/2020	01:01	03/09/2020	02:00	1	BM
Downwind #2 PAMS	03/10/2020	01:01	03/10/2020	02:00	1	BM
Downwind #2 PAMS	03/11/2020	01:01	03/11/2020	02:00	1	BM
Downwind #2 PAMS	03/11/2020	19:01	03/11/2020	21:00	2	AM
Downwind #2 PAMS	03/12/2020	02:01	03/12/2020	03:00	1	BM
Downwind #2 PAMS	03/13/2020	23:01	03/13/2020	00:00	1	BM
Downwind #2 PAMS	03/14/2020	23:01	03/14/2020	00:00	1	BM
Downwind #2 PAMS	03/15/2020	23:01	03/15/2020	00:00	1	BM
Downwind #2 PAMS	03/16/2020	23:01	03/16/2020	00:00	1	BM
Downwind #2 PAMS	03/17/2020	23:01	03/17/2020	00:00	1	BM

Harmon Creek Downwind Station #2 Invalidation Code Description						
AM - Miscellaneous Void BM - Accuracy check						
Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Downwind #2 PAMS	03/18/2020	23:01	03/18/2020	00:00	1	BM
Downwind #2 PAMS	03/19/2020	23:01	03/19/2020	00:00	1	BM
Downwind #2 PAMS	03/20/2020	23:01	03/20/2020	00:00	1	BM
Downwind #2 PAMS	03/20/2020	12:01	03/20/2020	15:00	3	AM
Downwind #2 PAMS	03/21/2020	00:01	03/21/2020	01:00	1	BM
Downwind #2 PAMS	03/22/2020	00:01	03/22/2020	01:00	1	BM
Downwind #2 PAMS	03/23/2020	00:01	03/23/2020	01:00	1	BM
Downwind #2 PAMS	03/24/2020	00:01	03/24/2020	01:00	1	BM
Downwind #2 PAMS	03/25/2020	00:01	03/25/2020	01:00	1	BM
Downwind #2 PAMS	03/26/2020	00:01	03/26/2020	01:00	1	BM
Downwind #2 PAMS	03/27/2020	00:01	03/27/2020	01:00	1	BM
Downwind #2 PAMS	03/28/2020	00:01	03/28/2020	01:00	1	BM
Downwind #2 PAMS	03/28/2020	14:01	03/28/2020	15:00	1	AM
Downwind #2 PAMS	03/29/2020	00:01	03/29/2020	01:00	1	BM
Downwind #2 PAMS	03/30/2020	00:01	03/30/2020	01:00	1	BM
Downwind #2 PAMS	03/31/2020	00:01	03/31/2020	01:00	1	BM

Harmon Creek Meteorological Tower - Invalidation Code Description

AO - Bad Weather

Parameter	Start Date	Start Time	End Date	End Time	# of Hours	Reason
Wind Speed, Direction, Gust	02/17/2020	00:01	02/17/2020	01:00	1	AO

APPENDIX H

Calibration Data for January through March 2020

SITE VISIT CHECKLIST

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator MSI
Site Name Mark West
Project 19-60

Date 11/20-21/2019
Stn ID Harmon Creek
Time 8:00

MET TOWER AND SENSORS:

	YES	NO	N/A	Comments
Solar Panel Clean			X	**Ac powered site.**
Tower straight,guy wires taut, secured			X	**No guy wires.**
Wind Sensors Intact (Propeller, Cups, Vane)	X			
Temperature Aspirators Operational			X	
Pyranometer Domes Clean			X	
Rain Gauge Funnel Clear of Debris/Snow/Ice			X	
Signs of Sensor Damage		X		
Sensors Level and Oriented Correctly	X			
Boom Orientation OK	X			
Sensor Outputs Check and Functioning Correctly	X			
Grounding System Intact	X			
Cellular Antenna Correctly Oriented	X			
Area Free of Vandalism	X			
Shelter Temp Check degrees C	X			**Cal = 23.1 Site = 22.7 Diff = 0.4 Cal Ref s/n 072409005**

BAROMETRIC PRESSURE CALIBRATION SHEET

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator	MSI	Date	11/20-21/2019	Start Time	11/20/2019 8:00
Site Name	Mark West	Stn ID	Harmon Creek	Stop Time	11/21/2019 12:30
Project	19-60	Client	Mark West		

Sensor Mfg	Vaisala	Sensor Height	1.5 m
Sensor Model	PTB 110		
Serial No.	P4930777		
Range	500-1100		

Last Calibration Date: N/A

	Cal. INPUT		DAS RESPONSE		
	Time	(mb)		DAS (mb)	DIFF mb
11/20	19:03	980.2		980.3	0.1
11/20	20:00	980.4		980.8	0.4
11/21	9:58	979.6		979.9	0.3
	AVERAGE				0.27

Cal. Criteria: ± 3.0 mb

Pressure Cal. Device	Vaisala	Comments	Side by side comparison in ambient conditions.
Cal. Device Model	PTB110		
Cal. Device SER #	L0310539		

Calibrated By: Mike Peterson

RELATIVE HUMIDITY CALIBRATION SHEET

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator	MSI	Date	11/20-21/2019	Start Time	11/20/2019 8:00
Site Name	Mark West	Stn ID	Harmon Creek	Stop Time	11/21/2019 12:30
Project	19-60	Client	Mark West		

Sensor Mfg	E+E Elektronik	Height:	10 m
Sensor Model	EE 181		
Serial No.	190916000179FC		
Range	0-100%	Last Date Calibrated:	N/A

	CALIBRATION INPUT		DAS RESPONSE			
	(Time)	(%)		DAS (%)	DIFF (%)	
11/20	19;04	58.0		57.2	-0.8	
11/20	20:00	61.9		60.5	-1.4	
11/21	9:56	77.7		75.8	-1.9	
11/21	10:08	32.0		29.0	-3.0	Inside Shelter
	AVERAGE				**-1.8**	
Cal. Criteria:	± 10 % RH					

Rel. Humidity Cal. Device	Vaisala	Comments	Side by side comparison in ambient conditions.
Rel. Humidity Cal. Model	HMP45AC		
Rel. Humidity Cal. SER #	F1640024		

Calibrated By Mike Peterson

TEMPERATURE CALIBRATION SHEET

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator	MSI	Date	11/20-21/2019	Start Time	8:00
Site Name	Mark West	Stn ID	Harmon Creek	Stop Time	12:30
Project	19-60	Client	Mark West		

Sensor Mfg	Elektronik	Height:	10 m
Sensor Model	EE 181		
Serial No.	190916000179FC		
Range	-50 to +100 deg. C		

	CALIBRATION INPUT		DAS RESPONSE			
	(Time)	(deg. C)		DAS (deg. C)	DIFF (deg. C)	
11/20	19:04	7.1		7.0	-0.1	
11/20	20:00	6.6		6.6	0.0	
11/21	10:00	5.4		5.3	-0.1	
11/21	10:08	19.7		19.8	0.1	Inside Shelter
	AVERAGE				**0.0**	
	Cal. Criteria:	± 1.0 deg. C				

Temperature Cal. Device	REO TEMP	Comments	Side by side comparison in ambient and water bath conditions.
Temperature Cal. Model	TM-99A		
Temperature Cal. SER #	072409005		

Calibrated By Mike Peterson

HORIZONTAL WIND DIRECTION CALIBRATION SHEET

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator	MSI	Date	11/20-21/2019	Start Time	11/20/2019 8:00
Site Name	Mark West	Stn ID	Harmon Creek	Stop Time	11/21/2019 12:30
Project	19-60	Client	Mark West		

Sensor Mfg	RM Young	WD Sensor Model	05305-5
Serial No.	171923	WD Sensor Ht (m)	10
Crossarm Alignment	0.0	WD Sensor Range 0-	360 degrees
Crossarm Difference	0.0	Vane parallel to crossarm=	|| 0.6 / 180.5
Site Declination (degrees)	-9	WD Shaft Rotational Torque	<10.0 gm-cm
Last Calibration Date	N/A	Starting Threshold	< 0.5 m/s

CALIBRATION INPUT		CLOCKWISE DAS RESPONSE			COUNTERCLOCKWISE DAS RESPONSE		
(direction)	(deg)	DAS (deg)	DIFF (deg)	TOTAL DIFF (deg)	DAS (deg)	DIFF (deg)	TOTAL DIFF (deg)
North	0/360	0.2	0.2	0.2	0.2	0.2	0.2
	30	29.5	-0.5	-0.5	29.7	-0.3	-0.3
	60	59.9	-0.1	-0.1	60.0	0.0	0.0
East	90	90.0	0.0	0.0	90.2	0.2	0.2
	120	120.0	0.0	0.0	119.1	-0.9	-0.9
	150	149.3	-0.7	-0.7	149.5	-0.5	-0.5
South	180	179.0	-1.0	-1.0	178.4	-1.6	-1.6
	210	208.7	-1.3	-1.3	208.7	-1.3	-1.3
	240	238.4	-1.6	-1.6	238.2	-1.8	-1.8
West	270	268.4	-1.6	-1.6	268.9	-1.1	-1.1
	300	298.5	-1.5	-1.5	298.0	-2.0	-2.0
	330	328.0	-2.0	-2.0	328.4	-1.6	-1.6

Cal. Criteria: Alignment with true North plus Linearity: ± 5 degrees
Starting Threshold: <= 0.5 m/s
TOTAL DIFF is the total difference when including Orientation and Linearity

WD Cal. Device	RM Young	Comments	Brunton s/n: 2610508929
WD Cal. Model	18212		Vane torque gauge model # 18331
WD Cal. Serial #	Vane Angle Fixture		

Calibrated By Mike Peterson

HORIZONTAL WIND SPEED CALIBRATION SHEET

Meteorological Solutions Inc.
A Trinity Consultants Company

Operator	MSI	Date	11/20-21/2019	Start Time	11/20/2019 8:00
Site Name	Mark West	Stn ID	Harmon Creek	Stop Time	11/21/2019 12:30
Project	19-60	Client	Mark West		

Sensor Mfg	RM Young	WS Sensor Model	05305-5
Serial No.	171923	WS Sensor Ht (m)	10
WS Range	0 - 60 mps	Last Calibration Date	N/A

WS Shaft Rotational Torque: < 0.1 gm - cm Sensor Starting Threshold: <0.5 mps

Cal. INPUT		DAS RESPONSE		
(rpm)	(mps)		DAS (mps)	DIFF (mps)
0.0	0.0		0.0	0.00
300	1.536		1.536	0.00
600	3.072		3.072	0.00
900	4.608		4.608	0.00
1500	7.68		7.68	0.00
3000	15.36		15.36	0.00
5000	25.6		25.6	0.00
7000	35.84		35.84	0.00
8000	40.96		40.96	0.00

Cal. Criteria: ± .25 m/s when wind speed <= 5 m/s
± 5% when ws > 5 m/s

WS Cal. Device	RM Young	Comments	RM Young torque disc model # 18310
WS Cal. Model	18802		
WS Cal. SER #	CA03365		

Calibrated By: Mike Peterson

Upwind - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	19.15	16.60	15.36
01/02/2020	19.01	16.60	14.52
01/03/2020	19.14	16.60	15.30
01/04/2020	19.12	16.60	15.18
01/05/2020	19.01	16.60	14.52
01/06/2020	19.07	16.60	14.88
01/07/2020	18.72	16.60	12.77
01/08/2020	18.88	16.60	13.73
01/09/2020	17.89	16.60	7.77
01/10/2020	18.38	16.60	10.72
01/11/2020	18.70	16.60	12.65
01/12/2020	18.98	16.60	14.34
01/13/2020	18.30	16.60	10.24
01/14/2020	18.44	16.60	11.08
01/15/2020	18.61	16.60	12.11
01/16/2020	18.93	16.60	14.04
01/17/2020	18.24	16.60	9.88
01/18/2020	18.06	16.60	8.80
01/19/2020	19.21	16.60	15.72
01/20/2020	18.55	16.60	11.75
01/21/2020	18.03	16.60	8.61
01/22/2020	18.40	16.60	10.84
01/23/2020	18.36	16.60	10.60
01/24/2020	18.92	16.60	13.98
01/25/2020	19.03	16.60	14.64
01/27/2020	19.02	16.60	14.58
01/27/2020	18.90	16.60	13.86
01/28/2020	18.78	16.60	13.13
01/29/2020	18.37	16.60	10.66
01/30/2020	18.24	16.60	9.88
01/31/2020	18.83	16.60	13.43
02/01/2020	19.16	16.60	15.42
02/02/2020	19.15	16.60	15.36
02/03/2020	18.99	16.60	14.40
02/05/2020	18.63	16.60	12.23
02/06/2020	18.88	16.60	13.73
02/07/2020	19.45	16.60	17.17
02/08/2020	18.84	16.60	13.49
02/09/2020	18.44	16.60	11.08
02/10/2020	18.73	16.60	12.83
02/11/2020	18.75	16.60	12.95
02/12/2020	18.60	16.60	12.05
02/13/2020	19.15	16.60	15.36
02/14/2020	18.61	16.60	12.11
02/15/2020	17.94	16.60	8.07
02/16/2020	18.34	16.60	10.48

Upwind - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/17/2020	18.24	16.60	9.88
02/18/2020	18.53	16.60	11.63
02/19/2020	18.21	16.60	9.70
02/20/2020	17.81	16.60	7.29
02/21/2020	18.02	16.60	8.55
03/05/2020	18.54	16.60	11.69
03/06/2020	16.60	16.60	0.00
03/07/2020	16.41	16.60	-1.14
03/08/2020	15.95	16.60	-3.92
03/09/2020	16.25	16.60	-2.11
03/10/2020	16.32	16.60	-1.69
03/11/2020	16.18	16.60	-2.53
03/12/2020	16.65	16.60	0.30
03/12/2020	16.77	16.60	1.02
03/14/2020	16.23	16.60	-2.23
03/15/2020	15.93	16.60	-4.04
03/16/2020	16.13	16.60	-2.83
03/16/2020	16.20	16.60	-2.41
03/17/2020	16.02	16.60	-3.49
03/18/2020	16.44	16.60	-0.96
03/19/2020	16.70	16.60	0.60
03/20/2020	16.42	16.60	-1.08
03/22/2020	15.83	16.60	-4.64
03/23/2020	16.09	16.60	-3.07
03/24/2020	16.42	16.60	-1.08
03/25/2020	16.50	16.60	-0.60
03/26/2020	16.59	16.60	-0.06
03/27/2020	16.82	16.60	1.33
03/28/2020	16.54	16.60	-0.36
03/29/2020	16.64	16.60	0.24
03/30/2020	16.52	16.60	-0.48
03/31/2020	16.51	16.60	-0.54

Upwind - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	12.02	10.90	10.28
01/02/2020	11.92	10.90	9.36
01/03/2020	11.73	10.90	7.61
01/04/2020	11.64	10.90	6.79
01/05/2020	11.76	10.90	7.89
01/06/2020	11.92	10.90	9.36
01/07/2020	11.80	10.90	8.26
01/08/2020	11.91	10.90	9.27
01/09/2020	11.46	10.90	5.14
01/10/2020	11.64	10.90	6.79
01/11/2020	11.37	10.90	4.31
01/12/2020	11.45	10.90	5.05
01/13/2020	11.40	10.90	4.59
01/14/2020	11.50	10.90	5.50
01/15/2020	11.50	10.90	5.50
01/16/2020	11.52	10.90	5.69
01/17/2020	11.48	10.90	5.32
01/18/2020	11.41	10.90	4.68
01/19/2020	11.59	10.90	6.33
01/20/2020	11.78	10.90	8.07
01/21/2020	11.49	10.90	5.41
01/22/2020	11.63	10.90	6.70
01/23/2020	11.70	10.90	7.34
01/24/2020	11.70	10.90	7.34
01/25/2020	11.81	10.90	8.35
01/27/2020	11.73	10.90	7.61
01/27/2020	11.75	10.90	7.80
01/28/2020	11.74	10.90	7.71
01/29/2020	11.45	10.90	5.05
01/30/2020	11.42	10.90	4.77
01/31/2020	11.62	10.90	6.61
02/01/2020	11.90	10.90	9.17
02/02/2020	11.83	10.90	8.53
02/03/2020	11.73	10.90	7.61
02/05/2020	11.67	10.90	7.06
02/06/2020	11.77	10.90	7.98
02/07/2020	12.07	10.90	10.73
02/08/2020	11.78	10.90	8.07
02/09/2020	11.67	10.90	7.06
02/10/2020	11.70	10.90	7.34
02/11/2020	11.47	10.90	5.23
02/12/2020	11.55	10.90	5.96
02/13/2020	11.88	10.90	8.99
02/14/2020	11.70	10.90	7.34
02/15/2020	11.41	10.90	4.68
02/16/2020	11.62	10.90	6.61

Upwind - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/17/2020	11.43	10.90	4.86
02/18/2020	11.50	10.90	5.50
02/19/2020	11.30	10.90	3.67
02/20/2020	11.26	10.90	3.30
02/21/2020	11.40	10.90	4.59
03/05/2020	11.57	10.90	6.15
03/06/2020	10.34	10.90	-5.14
03/07/2020	10.24	10.90	-6.06
03/08/2020	10.04	10.90	-7.89
03/09/2020	10.27	10.90	-5.78
03/10/2020	10.10	10.90	-7.34
03/11/2020	9.98	10.90	-8.44
03/12/2020	10.22	10.90	-6.24
03/12/2020	10.13	10.90	-7.06
03/14/2020	10.16	10.90	-6.79
03/15/2020	9.97	10.90	-8.53
03/16/2020	10.08	10.90	-7.52
03/16/2020	10.05	10.90	-7.80
03/17/2020	9.93	10.90	-8.90
03/18/2020	9.82	10.90	-9.91
03/19/2020	9.88	10.90	-9.36
03/20/2020	9.94	10.90	-8.81
03/22/2020	9.87	10.90	-9.45
03/23/2020	9.98	10.90	-8.44
03/24/2020	10.09	10.90	-7.43
03/25/2020	10.17	10.90	-6.70
03/26/2020	10.17	10.90	-6.70
03/27/2020	10.18	10.90	-6.61
03/28/2020	9.91	10.90	-9.08
03/29/2020	9.72	10.90	-10.83
03/30/2020	9.97	10.90	-8.53
03/31/2020	10.20	10.90	-6.42

Upwind - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	11.78	10.90	8.07
01/02/2020	11.71	10.90	7.43
01/03/2020	11.71	10.90	7.43
01/04/2020	11.71	10.90	7.43
01/05/2020	11.71	10.90	7.43
01/06/2020	11.73	10.90	7.61
01/07/2020	11.55	10.90	5.96
01/08/2020	11.62	10.90	6.61
01/09/2020	11.25	10.90	3.21
01/10/2020	11.47	10.90	5.23
01/11/2020	11.56	10.90	6.06
01/12/2020	11.54	10.90	5.87
01/13/2020	11.37	10.90	4.31
01/14/2020	11.43	10.90	4.86
01/15/2020	11.50	10.90	5.50
01/16/2020	11.65	10.90	6.88
01/17/2020	11.36	10.90	4.22
01/18/2020	11.28	10.90	3.49
01/19/2020	11.67	10.90	7.06
01/20/2020	11.47	10.90	5.23
01/21/2020	11.22	10.90	2.94
01/22/2020	11.40	10.90	4.59
01/23/2020	11.37	10.90	4.31
01/24/2020	11.61	10.90	6.51
01/25/2020	11.63	10.90	6.70
01/27/2020	11.62	10.90	6.61
01/27/2020	11.55	10.90	5.96
01/28/2020	11.54	10.90	5.87
01/29/2020	11.33	10.90	3.94
01/30/2020	11.29	10.90	3.58
01/31/2020	11.54	10.90	5.87
02/01/2020	11.66	10.90	6.97
02/02/2020	11.64	10.90	6.79
02/03/2020	11.61	10.90	6.51
02/05/2020	11.47	10.90	5.23
02/06/2020	11.50	10.90	5.50
02/07/2020	11.72	10.90	7.52
02/08/2020	11.57	10.90	6.15
02/09/2020	11.43	10.90	4.86
02/10/2020	11.57	10.90	6.15
02/11/2020	11.48	10.90	5.32
02/12/2020	11.47	10.90	5.23
02/13/2020	11.66	10.90	6.97
02/14/2020	11.46	10.90	5.14
02/15/2020	11.21	10.90	2.84
02/16/2020	11.37	10.90	4.31

Upwind - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/17/2020	11.32	10.90	3.85
02/18/2020	11.39	10.90	4.50
02/19/2020	11.35	10.90	4.13
02/20/2020	11.17	10.90	2.48
02/21/2020	11.25	10.90	3.21
03/05/2020	11.49	10.90	5.41
03/06/2020	11.33	10.90	3.94
03/07/2020	11.33	10.90	3.94
03/08/2020	11.10	10.90	1.83
03/09/2020	11.33	10.90	3.94
03/10/2020	11.25	10.90	3.21
03/11/2020	11.17	10.90	2.48
03/12/2020	11.41	10.90	4.68
03/12/2020	11.37	10.90	4.31
03/14/2020	11.22	10.90	2.94
03/15/2020	11.07	10.90	1.56
03/16/2020	11.23	10.90	3.03
03/16/2020	11.19	10.90	2.66
03/17/2020	11.11	10.90	1.93
03/18/2020	11.35	10.90	4.13
03/19/2020	11.37	10.90	4.31
03/20/2020	11.32	10.90	3.85
03/22/2020	10.98	10.90	0.73
03/23/2020	11.31	10.90	3.76
03/24/2020	11.31	10.90	3.76
03/25/2020	11.26	10.90	3.30
03/26/2020	11.34	10.90	4.04
03/27/2020	11.45	10.90	5.05
03/28/2020	11.54	10.90	5.87
03/29/2020	11.28	10.90	3.49
03/30/2020	11.10	10.90	1.83
03/31/2020	11.28	10.90	3.49

Upwind - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	14.32	14.10	1.56
01/02/2020	14.26	14.10	1.13
01/03/2020	14.26	14.10	1.13
01/04/2020	14.25	14.10	1.06
01/05/2020	14.24	14.10	0.99
01/06/2020	14.28	14.10	1.28
01/07/2020	14.11	14.10	0.07
01/08/2020	14.16	14.10	0.43
01/09/2020	13.72	14.10	-2.70
01/10/2020	13.91	14.10	-1.35
01/11/2020	14.10	14.10	0.00
01/12/2020	14.11	14.10	0.07
01/13/2020	13.83	14.10	-1.91
01/14/2020	13.91	14.10	-1.35
01/15/2020	14.01	14.10	-0.64
01/16/2020	14.17	14.10	0.50
01/17/2020	13.84	14.10	-1.84
01/18/2020	13.72	14.10	-2.70
01/19/2020	14.20	14.10	0.71
01/20/2020	13.96	14.10	-0.99
01/21/2020	13.75	14.10	-2.48
01/22/2020	13.90	14.10	-1.42
01/23/2020	13.91	14.10	-1.35
01/24/2020	14.17	14.10	0.50
01/25/2020	14.23	14.10	0.92
01/27/2020	14.18	14.10	0.57
01/27/2020	14.17	14.10	0.50
01/28/2020	14.15	14.10	0.35
01/29/2020	13.84	14.10	-1.84
01/30/2020	13.74	14.10	-2.55
01/31/2020	14.04	14.10	-0.43
02/01/2020	14.28	14.10	1.28
02/02/2020	14.26	14.10	1.13
02/03/2020	14.18	14.10	0.57
02/05/2020	14.07	14.10	-0.21
02/06/2020	14.07	14.10	-0.21
02/07/2020	14.33	14.10	1.63
02/08/2020	14.15	14.10	0.35
02/09/2020	13.96	14.10	-0.99
02/10/2020	14.10	14.10	0.00
02/11/2020	14.04	14.10	-0.43
02/12/2020	14.00	14.10	-0.71
02/13/2020	14.29	14.10	1.35
02/14/2020	14.00	14.10	-0.71
02/15/2020	13.76	14.10	-2.41
02/16/2020	13.88	14.10	-1.56

Upwind - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/17/2020	13.89	14.10	-1.49
02/18/2020	13.93	14.10	-1.21
02/19/2020	13.87	14.10	-1.63
02/20/2020	13.68	14.10	-2.98
02/21/2020	13.82	14.10	-1.99
03/05/2020	14.06	14.10	-0.28
03/06/2020	13.92	14.10	-1.28
03/07/2020	13.81	14.10	-2.06
03/08/2020	13.67	14.10	-3.05
03/09/2020	13.95	14.10	-1.06
03/10/2020	13.70	14.10	-2.84
03/11/2020	13.72	14.10	-2.70
03/12/2020	14.02	14.10	-0.57
03/12/2020	13.86	14.10	-1.70
03/14/2020	13.80	14.10	-2.13
03/15/2020	13.58	14.10	-3.69
03/16/2020	13.76	14.10	-2.41
03/16/2020	13.72	14.10	-2.70
03/17/2020	13.66	14.10	-3.12
03/18/2020	13.81	14.10	-2.06
03/19/2020	13.86	14.10	-1.70
03/20/2020	13.79	14.10	-2.20
03/22/2020	13.53	14.10	-4.04
03/23/2020	13.68	14.10	-2.98
03/24/2020	14.03	14.10	-0.50
03/25/2020	13.84	14.10	-1.84
03/26/2020	14.08	14.10	-0.14
03/27/2020	14.00	14.10	-0.71
03/28/2020	13.68	14.10	-2.98
03/29/2020	13.70	14.10	-2.84
03/30/2020	13.66	14.10	-3.12
03/31/2020	14.46	14.10	2.55

Upwind - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	5.14	5.40	-4.81
01/02/2020	5.10	5.40	-5.56
01/03/2020	5.10	5.40	-5.56
01/04/2020	5.07	5.40	-6.11
01/05/2020	5.06	5.40	-6.30
01/06/2020	5.06	5.40	-6.30
01/07/2020	4.98	5.40	-7.78
01/08/2020	4.98	5.40	-7.78
01/09/2020	4.81	5.40	-10.93
01/10/2020	4.89	5.40	-9.44
01/11/2020	4.91	5.40	-9.07
01/12/2020	4.92	5.40	-8.89
01/13/2020	4.81	5.40	-10.93
01/14/2020	4.82	5.40	-10.74
01/15/2020	4.85	5.40	-10.19
01/16/2020	4.89	5.40	-9.44
01/17/2020	4.75	5.40	-12.04
01/18/2020	4.72	5.40	-12.59
01/19/2020	4.85	5.40	-10.19
01/20/2020	4.78	5.40	-11.48
01/21/2020	4.68	5.40	-13.33
01/22/2020	4.72	5.40	-12.59
01/23/2020	4.70	5.40	-12.96
01/24/2020	4.80	5.40	-11.11
01/25/2020	4.79	5.40	-11.30
01/27/2020	4.75	5.40	-12.04
01/27/2020	4.72	5.40	-12.59
01/28/2020	4.73	5.40	-12.41
01/29/2020	4.62	5.40	-14.44
01/30/2020	4.58	5.40	-15.19
01/31/2020	4.71	5.40	-12.78
02/01/2020	4.74	5.40	-12.22
02/02/2020	4.70	5.40	-12.96
02/03/2020	4.68	5.40	-13.33
02/05/2020	4.64	5.40	-14.07
02/06/2020	4.63	5.40	-14.26
02/07/2020	4.72	5.40	-12.59
02/08/2020	4.63	5.40	-14.26
02/09/2020	4.57	5.40	-15.37
02/10/2020	4.63	5.40	-14.26
02/11/2020	4.61	5.40	-14.63
02/12/2020	4.58	5.40	-15.19
02/13/2020	4.66	5.40	-13.70
02/14/2020	4.58	5.40	-15.19
02/15/2020	4.46	5.40	-17.41
02/16/2020	4.51	5.40	-16.48

Upwind - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/17/2020	4.48	5.40	-17.04
02/18/2020	4.51	5.40	-16.48
02/19/2020	4.49	5.40	-16.85
02/20/2020	4.41	5.40	-18.33
02/21/2020	4.46	5.40	-17.41
03/05/2020	4.49	5.40	-16.85
03/06/2020	4.39	5.40	-18.70
03/07/2020	4.38	5.40	-18.89
03/08/2020	4.30	5.40	-20.37
03/09/2020	4.37	5.40	-19.07
03/10/2020	4.34	5.40	-19.63
03/11/2020	4.28	5.40	-20.74
03/12/2020	4.38	5.40	-18.89
03/12/2020	4.35	5.40	-19.44
03/14/2020	4.32	5.40	-20.00
03/15/2020	4.25	5.40	-21.30
03/16/2020	4.31	5.40	-20.19
03/16/2020	4.27	5.40	-20.93
03/17/2020	4.24	5.40	-21.48
03/18/2020	4.30	5.40	-20.37
03/19/2020	4.33	5.40	-19.81
03/20/2020	4.32	5.40	-20.00
03/22/2020	4.20	5.40	-22.22
03/23/2020	4.24	5.40	-21.48
03/24/2020	4.31	5.40	-20.19
03/25/2020	4.27	5.40	-20.93
03/26/2020	4.32	5.40	-20.00
03/27/2020	4.33	5.40	-19.81
03/28/2020	4.26	5.40	-21.11
03/29/2020	4.25	5.40	-21.30
03/30/2020	4.23	5.40	-21.67
03/31/2020	4.27	5.40	-20.93

Downwind 1 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	15.11	15.50	-2.52
01/02/2020	15.23	15.50	-1.74
01/03/2020	15.62	15.50	0.77
01/04/2020	15.12	15.50	-2.45
01/05/2020	15.30	15.50	-1.29
01/06/2020	14.78	15.50	-4.65
01/07/2020	14.86	15.50	-4.13
01/08/2020	14.20	15.50	-8.39
01/09/2020	14.51	15.50	-6.39
01/10/2020	14.88	15.50	-4.00
01/12/2020	15.41	15.50	-0.58
01/13/2020	14.66	15.50	-5.42
01/14/2020	14.68	15.50	-5.29
01/15/2020	14.74	15.50	-4.90
01/21/2020	15.97	15.50	3.03
01/24/2020	16.91	15.50	9.10
01/25/2020	17.31	15.50	11.68
01/26/2020	17.25	15.50	11.29
01/27/2020	17.05	15.50	10.00
01/28/2020	16.92	15.50	9.16
01/29/2020	16.78	15.50	8.26
01/30/2020	16.56	15.50	6.84
01/31/2020	16.81	15.50	8.45
02/01/2020	17.13	15.50	10.52
02/03/2020	17.08	15.50	10.19
02/04/2020	17.21	15.50	11.03
02/05/2020	17.02	15.50	9.81
02/06/2020	17.55	15.50	13.23
02/07/2020	17.43	15.50	12.45
02/08/2020	16.94	15.50	9.29
02/09/2020	16.78	15.50	8.26
02/10/2020	16.98	15.50	9.55
02/11/2020	17.04	15.50	9.94
02/12/2020	16.82	15.50	8.52
02/13/2020	17.18	15.50	10.84
02/14/2020	16.80	15.50	8.39
02/15/2020	16.28	15.50	5.03
02/16/2020	16.34	15.50	5.42
02/17/2020	16.79	15.50	8.32
02/18/2020	16.72	15.50	7.87
02/19/2020	16.83	15.50	8.58
02/27/2020	17.00	15.50	9.68
02/28/2020	16.75	15.50	8.06
03/02/2020	17.25	15.50	11.29
03/03/2020	17.41	15.50	12.32
03/04/2020	17.22	15.50	11.10

Downwind 1 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
03/05/2020	16.86	15.50	8.77
03/06/2020	15.48	15.50	-0.13
03/07/2020	15.19	15.50	-2.00
03/08/2020	15.12	15.50	-2.45
03/09/2020	15.15	15.50	-2.26
03/10/2020	15.47	15.50	-0.19
03/11/2020	15.41	15.50	-0.58
03/12/2020	15.70	15.50	1.29
03/13/2020	15.22	15.50	-1.81
03/14/2020	15.52	15.50	0.13
03/15/2020	15.20	15.50	-1.94
03/16/2020	15.33	15.50	-1.10
03/18/2020	15.23	15.50	-1.74
03/19/2020	15.39	15.50	-0.71
03/20/2020	15.44	15.50	-0.39
03/21/2020	15.06	15.50	-2.84
03/22/2020	15.36	15.50	-0.90
03/23/2020	15.23	15.50	-1.74
03/24/2020	15.30	15.50	-1.29
03/25/2020	15.73	15.50	1.48
03/26/2020	15.29	15.50	-1.35
03/27/2020	15.52	15.50	0.13
03/28/2020	15.44	15.50	-0.39
03/29/2020	15.56	15.50	0.39
03/30/2020	15.45	15.50	-0.32
03/31/2020	15.38	15.50	-0.77

Downwind 1 - C2-C6 Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	7.18	8.20	-12.44
01/02/2020	7.32	8.20	-10.73
01/03/2020	7.60	8.20	-7.32
01/04/2020	7.21	8.20	-12.07
01/05/2020	7.31	8.20	-10.85
01/06/2020	7.00	8.20	-14.63
01/07/2020	7.00	8.20	-14.63
01/08/2020	6.64	8.20	-19.02
01/09/2020	6.79	8.20	-17.20
01/10/2020	7.28	8.20	-11.22
01/12/2020	7.70	8.20	-6.10
01/13/2020	6.99	8.20	-14.76
01/14/2020	6.99	8.20	-14.76
01/15/2020	7.13	8.20	-13.05
01/21/2020	7.37	8.20	-10.12
01/24/2020	7.66	8.20	-6.59
01/25/2020	8.09	8.20	-1.34
01/26/2020	7.98	8.20	-2.68
01/27/2020	7.83	8.20	-4.51
01/28/2020	7.77	8.20	-5.24
01/29/2020	7.52	8.20	-8.29
01/30/2020	7.48	8.20	-8.78
01/31/2020	7.66	8.20	-6.59
02/01/2020	7.81	8.20	-4.76
02/03/2020	7.89	8.20	-3.78
02/04/2020	7.95	8.20	-3.05
02/05/2020	7.83	8.20	-4.51
02/06/2020	8.03	8.20	-2.07
02/07/2020	7.94	8.20	-3.17
02/08/2020	7.69	8.20	-6.22
02/09/2020	7.66	8.20	-6.59
02/10/2020	7.80	8.20	-4.88
02/11/2020	7.89	8.20	-3.78
02/12/2020	7.71	8.20	-5.98
02/13/2020	7.95	8.20	-3.05
02/14/2020	7.68	8.20	-6.34
02/15/2020	7.09	8.20	-13.54
02/16/2020	7.17	8.20	-12.56
02/17/2020	7.68	8.20	-6.34
02/18/2020	7.60	8.20	-7.32
02/19/2020	7.76	8.20	-5.37
02/27/2020	7.95	8.20	-3.05
02/28/2020	7.33	8.20	-10.61
03/02/2020	8.04	8.20	-1.95
03/03/2020	8.21	8.20	0.12
03/04/2020	8.04	8.20	-1.95

Downwind 1 - C2-C6 Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
03/05/2020	7.74	8.20	-5.61
03/06/2020	7.02	8.20	-14.39
03/07/2020	6.92	8.20	-15.61
03/08/2020	6.82	8.20	-16.83
03/09/2020	6.50	8.20	-20.73
03/10/2020	7.04	8.20	-14.15
03/11/2020	7.12	8.20	-13.17
03/12/2020	7.34	8.20	-10.49
03/13/2020	6.91	8.20	-15.73
03/14/2020	7.11	8.20	-13.29
03/15/2020	6.84	8.20	-16.59
03/16/2020	6.96	8.20	-15.12
03/18/2020	6.97	8.20	-15.00
03/19/2020	7.36	8.20	-10.24
03/20/2020	7.32	8.20	-10.73
03/21/2020	7.09	8.20	-13.54
03/22/2020	6.91	8.20	-15.73
03/23/2020	6.98	8.20	-14.88
03/24/2020	6.97	8.20	-15.00
03/25/2020	7.15	8.20	-12.80
03/26/2020	7.04	8.20	-14.15
03/27/2020	7.34	8.20	-10.49
03/28/2020	7.21	8.20	-12.07
03/29/2020	7.44	8.20	-9.27
03/30/2020	7.23	8.20	-11.83
03/31/2020	7.04	8.20	-14.15

Downwind 1 - C6-C12 Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	8.45	8.20	3.05
01/02/2020	8.38	8.20	2.20
01/03/2020	8.57	8.20	4.51
01/04/2020	8.46	8.20	3.17
01/05/2020	8.48	8.20	3.41
01/06/2020	8.32	8.20	1.46
01/07/2020	8.35	8.20	1.83
01/08/2020	8.19	8.20	-0.12
01/09/2020	8.23	8.20	0.37
01/10/2020	8.32	8.20	1.46
01/12/2020	8.42	8.20	2.68
01/13/2020	8.23	8.20	0.37
01/14/2020	8.28	8.20	0.98
01/15/2020	8.32	8.20	1.46
01/21/2020	8.19	8.20	-0.12
01/24/2020	8.26	8.20	0.73
01/25/2020	8.30	8.20	1.22
01/26/2020	8.32	8.20	1.46
01/27/2020	8.29	8.20	1.10
01/28/2020	8.27	8.20	0.85
01/29/2020	8.23	8.20	0.37
01/30/2020	8.11	8.20	-1.10
01/31/2020	8.26	8.20	0.73
02/01/2020	8.30	8.20	1.22
02/03/2020	8.33	8.20	1.59
02/04/2020	8.32	8.20	1.46
02/05/2020	8.31	8.20	1.34
02/06/2020	8.50	8.20	3.66
02/07/2020	8.42	8.20	2.68
02/08/2020	8.30	8.20	1.22
02/09/2020	8.23	8.20	0.37
02/10/2020	8.27	8.20	0.85
02/11/2020	8.32	8.20	1.46
02/12/2020	8.26	8.20	0.73
02/13/2020	8.33	8.20	1.59
02/14/2020	8.26	8.20	0.73
02/15/2020	8.18	8.20	-0.24
02/16/2020	8.16	8.20	-0.49
02/17/2020	8.24	8.20	0.49
02/18/2020	8.23	8.20	0.37
02/19/2020	8.23	8.20	0.37
02/27/2020	8.28	8.20	0.98
02/28/2020	8.23	8.20	0.37
03/02/2020	8.34	8.20	1.71
03/03/2020	8.39	8.20	2.32
03/04/2020	8.31	8.20	1.34

Downwind 1 - C6-C12 Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
03/05/2020	8.21	8.20	0.12
03/06/2020	9.09	8.20	10.85
03/07/2020	8.99	8.20	9.63
03/08/2020	8.94	8.20	9.02
03/09/2020	9.02	8.20	10.00
03/10/2020	9.06	8.20	10.49
03/11/2020	9.04	8.20	10.24
03/12/2020	9.08	8.20	10.73
03/13/2020	8.97	8.20	9.39
03/14/2020	9.08	8.20	10.73
03/15/2020	8.97	8.20	9.39
03/16/2020	9.02	8.20	10.00
03/18/2020	8.98	8.20	9.51
03/19/2020	9.00	8.20	9.76
03/20/2020	9.02	8.20	10.00
03/21/2020	8.88	8.20	8.29
03/22/2020	8.99	8.20	9.63
03/23/2020	8.95	8.20	9.15
03/24/2020	9.02	8.20	10.00
03/25/2020	9.15	8.20	11.59
03/26/2020	8.88	8.20	8.29
03/27/2020	9.08	8.20	10.73
03/28/2020	9.03	8.20	10.12
03/29/2020	9.05	8.20	10.37
03/30/2020	9.03	8.20	10.12
03/31/2020	9.01	8.20	9.88

Downwind 1 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	11.06	12.00	-7.83
01/02/2020	11.04	12.00	-8.00
01/03/2020	11.24	12.00	-6.33
01/04/2020	11.12	12.00	-7.33
01/05/2020	11.17	12.00	-6.92
01/06/2020	10.94	12.00	-8.83
01/07/2020	11.00	12.00	-8.33
01/08/2020	10.73	12.00	-10.58
01/09/2020	10.86	12.00	-9.50
01/10/2020	10.91	12.00	-9.08
01/12/2020	11.07	12.00	-7.75
01/13/2020	10.78	12.00	-10.17
01/14/2020	10.87	12.00	-9.42
01/15/2020	10.90	12.00	-9.17
01/21/2020	10.80	12.00	-10.00
01/24/2020	10.89	12.00	-9.25
01/25/2020	10.93	12.00	-8.92
01/26/2020	10.96	12.00	-8.67
01/27/2020	10.94	12.00	-8.83
01/28/2020	10.92	12.00	-9.00
01/29/2020	10.90	12.00	-9.17
01/30/2020	10.68	12.00	-11.00
01/31/2020	10.83	12.00	-9.75
02/01/2020	10.98	12.00	-8.50
02/03/2020	10.94	12.00	-8.83
02/04/2020	10.96	12.00	-8.67
02/05/2020	10.98	12.00	-8.50
02/06/2020	11.21	12.00	-6.58
02/07/2020	11.18	12.00	-6.83
02/08/2020	10.97	12.00	-8.58
02/09/2020	10.91	12.00	-9.08
02/10/2020	10.97	12.00	-8.58
02/11/2020	11.01	12.00	-8.25
02/12/2020	10.87	12.00	-9.42
02/13/2020	10.99	12.00	-8.42
02/14/2020	10.92	12.00	-9.00
02/15/2020	10.79	12.00	-10.08
02/16/2020	10.71	12.00	-10.75
02/17/2020	10.88	12.00	-9.33
02/18/2020	10.91	12.00	-9.08
02/19/2020	10.91	12.00	-9.08
02/27/2020	10.83	12.00	-9.75
02/28/2020	10.88	12.00	-9.33
03/02/2020	11.05	12.00	-7.92
03/03/2020	11.09	12.00	-7.58
03/04/2020	10.97	12.00	-8.58

Downwind 1 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
03/05/2020	10.86	12.00	-9.50
03/06/2020	11.91	12.00	-0.75
03/07/2020	11.79	12.00	-1.75
03/08/2020	11.84	12.00	-1.33
03/09/2020	11.87	12.00	-1.08
03/10/2020	12.00	12.00	0.00
03/11/2020	11.90	12.00	-0.83
03/12/2020	12.04	12.00	0.33
03/13/2020	11.86	12.00	-1.17
03/14/2020	12.03	12.00	0.25
03/15/2020	11.85	12.00	-1.25
03/16/2020	11.91	12.00	-0.75
03/18/2020	11.91	12.00	-0.75
03/19/2020	11.84	12.00	-1.33
03/20/2020	11.94	12.00	-0.50
03/21/2020	11.77	12.00	-1.92
03/22/2020	11.93	12.00	-0.58
03/23/2020	11.81	12.00	-1.58
03/24/2020	11.83	12.00	-1.42
03/25/2020	12.12	12.00	1.00
03/26/2020	11.83	12.00	-1.42
03/27/2020	12.02	12.00	0.17
03/28/2020	11.79	12.00	-1.75
03/29/2020	11.95	12.00	-0.42
03/30/2020	11.95	12.00	-0.42
03/31/2020	11.91	12.00	-0.75

Downwind 1 - C6-C12 Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	2.86	2.80	2.14
01/02/2020	2.85	2.80	1.79
01/03/2020	2.92	2.80	4.29
01/04/2020	2.86	2.80	2.14
01/05/2020	2.89	2.80	3.21
01/06/2020	2.81	2.80	0.36
01/07/2020	2.81	2.80	0.36
01/08/2020	2.77	2.80	-1.07
01/09/2020	2.78	2.80	-0.71
01/10/2020	2.82	2.80	0.71
01/12/2020	2.83	2.80	1.07
01/13/2020	2.77	2.80	-1.07
01/14/2020	2.79	2.80	-0.36
01/15/2020	2.78	2.80	-0.71
01/21/2020	2.74	2.80	-2.14
01/24/2020	2.75	2.80	-1.79
01/25/2020	2.78	2.80	-0.71
01/26/2020	2.77	2.80	-1.07
01/27/2020	2.76	2.80	-1.43
01/28/2020	2.75	2.80	-1.79
01/29/2020	2.74	2.80	-2.14
01/30/2020	2.70	2.80	-3.57
01/31/2020	2.73	2.80	-2.50
02/01/2020	2.75	2.80	-1.79
02/03/2020	2.74	2.80	-2.14
02/04/2020	2.76	2.80	-1.43
02/05/2020	2.74	2.80	-2.14
02/06/2020	2.81	2.80	0.36
02/07/2020	2.78	2.80	-0.71
02/08/2020	2.74	2.80	-2.14
02/09/2020	2.72	2.80	-2.86
02/10/2020	2.74	2.80	-2.14
02/11/2020	2.74	2.80	-2.14
02/12/2020	2.72	2.80	-2.86
02/13/2020	2.74	2.80	-2.14
02/14/2020	2.72	2.80	-2.86
02/15/2020	2.70	2.80	-3.57
02/16/2020	2.66	2.80	-5.00
02/17/2020	2.71	2.80	-3.21
02/18/2020	2.70	2.80	-3.57
02/19/2020	2.71	2.80	-3.21
02/27/2020	2.71	2.80	-3.21
02/28/2020	2.70	2.80	-3.57
03/02/2020	2.73	2.80	-2.50
03/03/2020	2.74	2.80	-2.14
03/04/2020	2.72	2.80	-2.86

Downwind 1 - C6-C12 Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
03/05/2020	2.67	2.80	-4.64
03/06/2020	2.95	2.80	5.36
03/07/2020	2.92	2.80	4.29
03/08/2020	2.91	2.80	3.93
03/09/2020	2.93	2.80	4.64
03/10/2020	2.96	2.80	5.71
03/11/2020	2.94	2.80	5.00
03/12/2020	2.95	2.80	5.36
03/13/2020	2.91	2.80	3.93
03/14/2020	2.97	2.80	6.07
03/15/2020	2.91	2.80	3.93
03/16/2020	2.93	2.80	4.64
03/18/2020	2.91	2.80	3.93
03/19/2020	2.91	2.80	3.93
03/20/2020	2.94	2.80	5.00
03/21/2020	2.89	2.80	3.21
03/22/2020	2.95	2.80	5.36
03/23/2020	2.89	2.80	3.21
03/24/2020	2.89	2.80	3.21
03/25/2020	2.94	2.80	5.00
03/26/2020	2.85	2.80	1.79
03/27/2020	2.91	2.80	3.93
03/28/2020	2.88	2.80	2.86
03/29/2020	2.91	2.80	3.93
03/30/2020	2.88	2.80	2.86
03/31/2020	2.88	2.80	2.86

Downwind 2 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	11.81	11.90	-0.76
01/02/2020	11.69	11.90	-1.76
01/03/2020	11.83	11.90	-0.59
01/04/2020	11.89	11.90	-0.08
01/05/2020	11.63	11.90	-2.27
01/06/2020	11.69	11.90	-1.76
01/07/2020	11.55	11.90	-2.94
01/08/2020	11.66	11.90	-2.02
01/09/2020	10.87	11.90	-8.66
01/10/2020	11.37	11.90	-4.45
01/11/2020	11.54	11.90	-3.03
01/12/2020	11.93	11.90	0.25
01/13/2020	11.39	11.90	-4.29
01/14/2020	11.37	11.90	-4.45
01/15/2020	11.43	11.90	-3.95
01/16/2020	11.63	11.90	-2.27
01/17/2020	11.04	11.90	-7.23
01/18/2020	11.16	11.90	-6.22
01/21/2020	11.14	11.90	-6.39
01/21/2020	10.93	11.90	-8.15
01/22/2020	11.33	11.90	-4.79
01/23/2020	11.44	11.90	-3.87
01/24/2020	11.72	11.90	-1.51
01/25/2020	11.70	11.90	-1.68
01/26/2020	11.80	11.90	-0.84
01/27/2020	11.58	11.90	-2.69
01/29/2020	11.50	11.90	-3.36
01/30/2020	11.42	11.90	-4.03
01/31/2020	11.37	11.90	-4.45
02/01/2020	11.54	11.90	-3.03
02/02/2020	11.77	11.90	-1.09
02/03/2020	11.77	11.90	-1.09
02/04/2020	11.77	11.90	-1.09
02/05/2020	11.53	11.90	-3.11
02/06/2020	11.90	11.90	0.00
02/07/2020	12.16	11.90	2.18
02/08/2020	11.59	11.90	-2.61
02/09/2020	11.34	11.90	-4.71
02/10/2020	11.60	11.90	-2.52
02/11/2020	11.62	11.90	-2.35
02/12/2020	11.47	11.90	-3.61
02/13/2020	11.90	11.90	0.00
02/14/2020	11.43	11.90	-3.95
02/15/2020	11.11	11.90	-6.64
02/16/2020	11.45	11.90	-3.78
02/17/2020	11.58	11.90	-2.69

Downwind 2 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/18/2020	11.62	11.90	-2.35
02/19/2020	11.36	11.90	-4.54
02/20/2020	11.25	11.90	-5.46
02/21/2020	11.18	11.90	-6.05
02/22/2020	11.33	11.90	-4.79
02/23/2020	11.41	11.90	-4.12
02/24/2020	11.60	11.90	-2.52
02/25/2020	11.79	11.90	-0.92
02/26/2020	11.77	11.90	-1.09
02/27/2020	11.82	11.90	-0.67
02/29/2020	11.66	11.90	-2.02
03/01/2020	11.47	11.90	-3.61
03/02/2020	11.66	11.90	-2.02
03/03/2020	11.87	11.90	-0.25
03/04/2020	11.87	11.90	-0.25
03/04/2020	11.57	11.90	-2.77
03/05/2020	11.40	11.90	-4.20
03/05/2020	11.54	11.90	-3.03
03/06/2020	12.40	11.90	4.20
03/07/2020	11.80	11.90	-0.84
03/09/2020	12.04	11.90	1.18
03/10/2020	12.27	11.90	3.11
03/11/2020	12.21	11.90	2.61
03/12/2020	12.38	11.90	4.03
03/12/2020	12.62	11.90	6.05
03/13/2020	12.05	11.90	1.26
03/14/2020	11.98	11.90	0.67
03/15/2020	12.05	11.90	1.26
03/16/2020	12.29	11.90	3.28
03/17/2020	12.02	11.90	1.01
03/18/2020	12.42	11.90	4.37
03/22/2020	11.91	11.90	0.08
03/23/2020	12.18	11.90	2.35
03/24/2020	12.31	11.90	3.45
03/25/2020	12.57	11.90	5.63
03/26/2020	12.44	11.90	4.54
03/31/2020	12.48	11.90	4.87

Downwind 2 - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	8.82	9.60	-8.12
01/02/2020	8.76	9.60	-8.75
01/03/2020	8.87	9.60	-7.60
01/04/2020	8.98	9.60	-6.46
01/05/2020	8.66	9.60	-9.79
01/06/2020	8.77	9.60	-8.65
01/07/2020	8.54	9.60	-11.04
01/08/2020	8.67	9.60	-9.69
01/09/2020	8.11	9.60	-15.52
01/10/2020	8.43	9.60	-12.19
01/11/2020	8.71	9.60	-9.27
01/12/2020	8.97	9.60	-6.56
01/13/2020	8.54	9.60	-11.04
01/14/2020	8.48	9.60	-11.67
01/15/2020	8.54	9.60	-11.04
01/16/2020	8.73	9.60	-9.06
01/17/2020	8.24	9.60	-14.17
01/18/2020	8.29	9.60	-13.65
01/21/2020	8.98	9.60	-6.46
01/21/2020	8.83	9.60	-8.02
01/22/2020	9.10	9.60	-5.21
01/23/2020	9.18	9.60	-4.38
01/24/2020	9.43	9.60	-1.77
01/25/2020	9.39	9.60	-2.19
01/26/2020	9.48	9.60	-1.25
01/27/2020	9.28	9.60	-3.33
01/29/2020	9.16	9.60	-4.58
01/30/2020	9.09	9.60	-5.31
01/31/2020	9.08	9.60	-5.42
02/01/2020	9.29	9.60	-3.23
02/02/2020	9.45	9.60	-1.56
02/03/2020	9.45	9.60	-1.56
02/04/2020	9.42	9.60	-1.88
02/05/2020	9.30	9.60	-3.12
02/06/2020	9.54	9.60	-0.63
02/07/2020	9.74	9.60	1.46
02/08/2020	9.20	9.60	-4.17
02/09/2020	9.11	9.60	-5.10
02/10/2020	9.28	9.60	-3.33
02/11/2020	9.37	9.60	-2.40
02/12/2020	9.21	9.60	-4.06
02/13/2020	9.52	9.60	-0.83
02/14/2020	9.13	9.60	-4.90
02/15/2020	8.89	9.60	-7.40
02/16/2020	9.21	9.60	-4.06
02/17/2020	9.15	9.60	-4.69

Downwind 2 - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/18/2020	9.22	9.60	-3.96
02/19/2020	9.12	9.60	-5.00
02/20/2020	8.97	9.60	-6.56
02/21/2020	8.95	9.60	-6.77
02/22/2020	9.11	9.60	-5.10
02/23/2020	9.16	9.60	-4.58
02/24/2020	9.30	9.60	-3.12
02/25/2020	8.81	9.60	-8.23
02/26/2020	8.78	9.60	-8.54
02/27/2020	8.84	9.60	-7.92
02/29/2020	8.64	9.60	-10.00
03/01/2020	8.56	9.60	-10.83
03/02/2020	8.69	9.60	-9.48
03/03/2020	8.93	9.60	-6.98
03/04/2020	8.83	9.60	-8.02
03/04/2020	8.62	9.60	-10.21
03/05/2020	8.59	9.60	-10.52
03/05/2020	8.67	9.60	-9.69
03/06/2020	9.91	9.60	3.23
03/07/2020	9.46	9.60	-1.46
03/09/2020	9.69	9.60	0.94
03/10/2020	9.85	9.60	2.60
03/11/2020	9.86	9.60	2.71
03/12/2020	10.02	9.60	4.38
03/12/2020	10.25	9.60	6.77
03/13/2020	9.61	9.60	0.10
03/14/2020	9.69	9.60	0.94
03/15/2020	9.68	9.60	0.83
03/16/2020	9.93	9.60	3.44
03/17/2020	9.73	9.60	1.35
03/18/2020	10.09	9.60	5.10
03/22/2020	9.58	9.60	-0.21
03/23/2020	9.87	9.60	2.81
03/24/2020	9.93	9.60	3.44
03/25/2020	10.12	9.60	5.42
03/26/2020	10.02	9.60	4.38
03/31/2020	10.03	9.60	4.48

Downwind 2 - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	9.98	9.60	3.96
01/02/2020	9.79	9.60	1.98
01/03/2020	9.86	9.60	2.71
01/04/2020	9.95	9.60	3.65
01/05/2020	9.75	9.60	1.56
01/06/2020	9.81	9.60	2.19
01/07/2020	9.66	9.60	0.63
01/08/2020	9.74	9.60	1.46
01/09/2020	9.24	9.60	-3.75
01/10/2020	9.57	9.60	-0.31
01/11/2020	9.69	9.60	0.94
01/12/2020	9.98	9.60	3.96
01/13/2020	9.61	9.60	0.10
01/14/2020	9.57	9.60	-0.31
01/15/2020	9.61	9.60	0.10
01/16/2020	9.76	9.60	1.67
01/17/2020	9.36	9.60	-2.50
01/18/2020	9.38	9.60	-2.29
01/21/2020	9.39	9.60	-2.19
01/21/2020	9.25	9.60	-3.65
01/22/2020	9.58	9.60	-0.21
01/23/2020	9.66	9.60	0.63
01/24/2020	9.84	9.60	2.50
01/25/2020	9.75	9.60	1.56
01/26/2020	9.87	9.60	2.81
01/27/2020	9.63	9.60	0.31
01/29/2020	9.70	9.60	1.04
01/30/2020	9.62	9.60	0.21
01/31/2020	9.60	9.60	0.00
02/01/2020	9.76	9.60	1.67
02/02/2020	9.84	9.60	2.50
02/03/2020	9.81	9.60	2.19
02/04/2020	9.87	9.60	2.81
02/05/2020	9.80	9.60	2.08
02/06/2020	9.87	9.60	2.81
02/07/2020	10.24	9.60	6.67
02/08/2020	9.77	9.60	1.77
02/09/2020	9.62	9.60	0.21
02/10/2020	9.83	9.60	2.40
02/11/2020	9.74	9.60	1.46
02/12/2020	9.70	9.60	1.04
02/13/2020	9.94	9.60	3.54
02/14/2020	9.69	9.60	0.94
02/15/2020	9.43	9.60	-1.77
02/16/2020	9.71	9.60	1.15
02/17/2020	9.72	9.60	1.25

Downwind 2 - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/18/2020	9.72	9.60	1.25
02/19/2020	9.66	9.60	0.63
02/20/2020	9.44	9.60	-1.67
02/21/2020	9.43	9.60	-1.77
02/22/2020	9.59	9.60	-0.10
02/23/2020	9.65	9.60	0.52
02/24/2020	9.80	9.60	2.08
02/25/2020	9.88	9.60	2.92
02/26/2020	9.89	9.60	3.02
02/27/2020	9.99	9.60	4.06
02/29/2020	9.80	9.60	2.08
03/01/2020	9.71	9.60	1.15
03/02/2020	9.81	9.60	2.19
03/03/2020	9.99	9.60	4.06
03/04/2020	9.94	9.60	3.54
03/04/2020	9.69	9.60	0.94
03/05/2020	8.04	9.60	-16.25
03/05/2020	7.86	9.60	-18.13
03/06/2020	8.40	9.60	-12.50
03/07/2020	8.04	9.60	-16.25
03/09/2020	7.48	9.60	-22.08
03/10/2020	7.55	9.60	-21.35
03/11/2020	7.61	9.60	-20.73
03/12/2020	7.99	9.60	-16.77
03/12/2020	7.89	9.60	-17.81
03/13/2020	7.73	9.60	-19.48
03/14/2020	7.67	9.60	-20.10
03/15/2020	7.79	9.60	-18.85
03/16/2020	7.04	9.60	-26.67
03/17/2020	7.59	9.60	-20.94
03/18/2020	7.68	9.60	-20.00
03/22/2020	8.62	9.60	-10.21
03/23/2020	8.87	9.60	-7.60
03/24/2020	9.06	9.60	-5.62
03/25/2020	9.27	9.60	-3.44
03/26/2020	9.26	9.60	-3.54
03/31/2020	9.48	9.60	-1.25

Downwind 2 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	13.24	13.50	-1.93
01/02/2020	13.10	13.50	-2.96
01/03/2020	13.23	13.50	-2.00
01/04/2020	13.35	13.50	-1.11
01/05/2020	13.08	13.50	-3.11
01/06/2020	13.22	13.50	-2.07
01/07/2020	13.04	13.50	-3.41
01/08/2020	13.15	13.50	-2.59
01/09/2020	12.28	13.50	-9.04
01/10/2020	12.88	13.50	-4.59
01/11/2020	13.09	13.50	-3.04
01/12/2020	13.35	13.50	-1.11
01/13/2020	12.90	13.50	-4.44
01/14/2020	12.85	13.50	-4.81
01/15/2020	12.98	13.50	-3.85
01/16/2020	13.13	13.50	-2.74
01/17/2020	12.67	13.50	-6.15
01/18/2020	12.74	13.50	-5.63
01/21/2020	12.71	13.50	-5.85
01/21/2020	12.49	13.50	-7.48
01/22/2020	12.84	13.50	-4.89
01/23/2020	12.97	13.50	-3.93
01/24/2020	13.24	13.50	-1.93
01/25/2020	13.30	13.50	-1.48
01/26/2020	13.31	13.50	-1.41
01/27/2020	13.24	13.50	-1.93
01/29/2020	13.04	13.50	-3.41
01/30/2020	12.92	13.50	-4.30
01/31/2020	12.99	13.50	-3.78
02/01/2020	13.10	13.50	-2.96
02/02/2020	13.38	13.50	-0.89
02/03/2020	13.27	13.50	-1.70
02/04/2020	13.33	13.50	-1.26
02/05/2020	13.10	13.50	-2.96
02/06/2020	13.40	13.50	-0.74
02/07/2020	13.84	13.50	2.52
02/08/2020	13.23	13.50	-2.00
02/09/2020	12.97	13.50	-3.93
02/10/2020	13.27	13.50	-1.70
02/11/2020	13.26	13.50	-1.78
02/12/2020	13.04	13.50	-3.41
02/13/2020	13.60	13.50	0.74
02/14/2020	13.12	13.50	-2.81
02/15/2020	12.78	13.50	-5.33
02/16/2020	13.10	13.50	-2.96
02/17/2020	13.02	13.50	-3.56

Downwind 2 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/18/2020	13.26	13.50	-1.78
02/19/2020	13.04	13.50	-3.41
02/20/2020	12.86	13.50	-4.74
02/21/2020	12.78	13.50	-5.33
02/22/2020	12.90	13.50	-4.44
02/23/2020	13.06	13.50	-3.26
02/24/2020	13.29	13.50	-1.56
02/25/2020	13.47	13.50	-0.22
02/26/2020	13.44	13.50	-0.44
02/27/2020	13.50	13.50	0.00
02/29/2020	13.30	13.50	-1.48
03/01/2020	13.09	13.50	-3.04
03/02/2020	13.26	13.50	-1.78
03/03/2020	13.46	13.50	-0.30
03/04/2020	13.54	13.50	0.30
03/04/2020	13.14	13.50	-2.67
03/05/2020	12.14	13.50	-10.07
03/05/2020	12.00	13.50	-11.11
03/06/2020	11.43	13.50	-15.33
03/07/2020	10.64	13.50	-21.19
03/09/2020	9.94	13.50	-26.37
03/10/2020	10.03	13.50	-25.70
03/11/2020	10.05	13.50	-25.56
03/12/2020	10.58	13.50	-21.63
03/12/2020	10.44	13.50	-22.67
03/13/2020	10.18	13.50	-24.59
03/14/2020	10.13	13.50	-24.96
03/15/2020	10.24	13.50	-24.15
03/16/2020	9.26	13.50	-31.41
03/17/2020	9.99	13.50	-26.00
03/18/2020	10.21	13.50	-24.37
03/22/2020	11.99	13.50	-11.19
03/23/2020	12.36	13.50	-8.44
03/24/2020	12.47	13.50	-7.63
03/25/2020	12.82	13.50	-5.04
03/26/2020	12.76	13.50	-5.48
03/31/2020	13.07	13.50	-3.19

Downwind 2 - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
01/01/2020	2.76	2.50	10.40
01/02/2020	2.76	2.50	10.40
01/03/2020	2.77	2.50	10.80
01/04/2020	2.77	2.50	10.80
01/05/2020	2.73	2.50	9.20
01/06/2020	2.74	2.50	9.60
01/07/2020	2.70	2.50	8.00
01/08/2020	2.72	2.50	8.80
01/09/2020	2.54	2.50	1.60
01/10/2020	2.65	2.50	6.00
01/11/2020	2.68	2.50	7.20
01/12/2020	2.75	2.50	10.00
01/13/2020	2.66	2.50	6.40
01/14/2020	2.65	2.50	6.00
01/15/2020	2.66	2.50	6.40
01/16/2020	2.70	2.50	8.00
01/17/2020	2.59	2.50	3.60
01/18/2020	2.61	2.50	4.40
01/21/2020	2.59	2.50	3.60
01/21/2020	2.55	2.50	2.00
01/22/2020	2.64	2.50	5.60
01/23/2020	2.66	2.50	6.40
01/24/2020	2.71	2.50	8.40
01/25/2020	2.71	2.50	8.40
01/26/2020	2.74	2.50	9.60
01/27/2020	2.69	2.50	7.60
01/29/2020	2.66	2.50	6.40
01/30/2020	2.67	2.50	6.80
01/31/2020	2.65	2.50	6.00
02/01/2020	2.74	2.50	9.60
02/02/2020	2.73	2.50	9.20
02/03/2020	2.73	2.50	9.20
02/04/2020	2.70	2.50	8.00
02/05/2020	2.69	2.50	7.60
02/06/2020	2.76	2.50	10.40
02/07/2020	2.82	2.50	12.80
02/08/2020	2.70	2.50	8.00
02/09/2020	2.62	2.50	4.80
02/10/2020	2.67	2.50	6.80
02/11/2020	2.70	2.50	8.00
02/12/2020	2.67	2.50	6.80
02/13/2020	2.75	2.50	10.00
02/14/2020	2.66	2.50	6.40
02/15/2020	2.60	2.50	4.00
02/16/2020	2.66	2.50	6.40
02/17/2020	2.66	2.50	6.40

Downwind 2 - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
02/18/2020	2.67	2.50	6.80
02/19/2020	2.65	2.50	6.00
02/20/2020	2.61	2.50	4.40
02/21/2020	2.59	2.50	3.60
02/22/2020	2.64	2.50	5.60
02/23/2020	2.63	2.50	5.20
02/24/2020	2.68	2.50	7.20
02/25/2020	2.70	2.50	8.00
02/26/2020	2.73	2.50	9.20
02/27/2020	2.73	2.50	9.20
02/29/2020	2.66	2.50	6.40
03/01/2020	2.66	2.50	6.40
03/02/2020	2.68	2.50	7.20
03/03/2020	2.70	2.50	8.00
03/04/2020	2.72	2.50	8.80
03/04/2020	2.64	2.50	5.60
03/05/2020	2.15	2.50	-14.00
03/05/2020	2.15	2.50	-14.00
03/06/2020	2.21	2.50	-11.60
03/07/2020	2.08	2.50	-16.80
03/09/2020	1.92	2.50	-23.20
03/10/2020	2.00	2.50	-20.00
03/11/2020	2.02	2.50	-19.20
03/12/2020	2.12	2.50	-15.20
03/12/2020	2.06	2.50	-17.60
03/13/2020	2.02	2.50	-19.20
03/14/2020	2.00	2.50	-20.00
03/15/2020	2.04	2.50	-18.40
03/16/2020	1.82	2.50	-27.20
03/17/2020	1.98	2.50	-20.80
03/18/2020	2.03	2.50	-18.80
03/22/2020	2.28	2.50	-8.80
03/23/2020	2.34	2.50	-6.40
03/24/2020	2.37	2.50	-5.20
03/25/2020	2.42	2.50	-3.20
03/26/2020	2.42	2.50	-3.20
03/31/2020	2.46	2.50	-1.60